

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074736.D
 Acq On : 05 Oct 2022 12:10
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 04:38:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 04:37:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	337373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	628923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	339994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	36818	4.606	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.220%#		
35) Dibromofluoromethane	8.171	113	29856	4.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.440%#		
50) Toluene-d8	10.571	98	126755	4.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.460%#		
62) 4-Bromofluorobenzene	12.853	95	36058	4.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.840%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.148	85	38753	5.601	ug/l	94
3) Chloromethane	2.383	50	51726	5.027	ug/l	93
4) Vinyl Chloride	2.530	62	61028	4.790	ug/l	90
5) Bromomethane	2.930	94	50642	5.637	ug/l	96
6) Chloroethane	3.106	64	50703m	5.353	ug/l	
7) Trichlorofluoromethane	3.501	101	53320	5.275	ug/l #	70
8) Diethyl Ether	3.989	74	26852	5.127	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	30622	4.978	ug/l	94
10) Methyl Iodide	4.606	142	36241	4.859	ug/l #	95
11) Tert butyl alcohol	5.565	59	80074m	30.223	ug/l	
12) 1,1-Dichloroethene	4.359	96	35746	5.442	ug/l	92
13) Acrolein	4.200	56	28468m	35.814	ug/l	
14) Allyl chloride	5.048	41	65747	4.811	ug/l	90
15) Acrylonitrile	5.747	53	153856	26.348	ug/l	93
16) Acetone	4.465	43	120489	26.598	ug/l	97
17) Carbon Disulfide	4.730	76	94266	5.268	ug/l #	95
18) Methyl Acetate	5.053	43	79290	4.728	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	132196	5.190	ug/l	95
20) Methylene Chloride	5.300	84	45245	5.400	ug/l #	81
21) trans-1,2-Dichloroethene	5.812	96	35740	4.927	ug/l #	82
22) Diisopropyl ether	6.694	45	147065	5.189	ug/l	99
23) Vinyl Acetate	6.618	43	612756	26.099	ug/l	98
24) 1,1-Dichloroethane	6.594	63	74149	5.032	ug/l #	91
25) 2-Butanone	7.500	43	211357	25.708	ug/l	99
26) 2,2-Dichloropropane	7.494	77	62256	5.122	ug/l	97
27) cis-1,2-Dichloroethene	7.506	96	42902	5.146	ug/l	96
28) Bromochloromethane	7.830	49	30287	4.555	ug/l	94
29) Tetrahydrofuran	7.859	42	137581	24.011	ug/l	99
30) Chloroform	7.983	83	68799	5.097	ug/l	88
31) Cyclohexane	8.265	56	76526	5.539	ug/l	88
32) 1,1,1-Trichloroethane	8.183	97	60071	5.221	ug/l #	86
36) 1,1-Dichloropropene	8.388	75	49839	4.924	ug/l	99
37) Ethyl Acetate	7.500	43	211357	5.033	ug/l #	49
38) Carbon Tetrachloride	8.365	117	49741	5.216	ug/l	92
39) Methylcyclohexane	9.606	83	67777	5.174	ug/l	95
40) Benzene	8.618	78	171539	5.240	ug/l	97

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Oct 06 04:38:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 04:37:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.800	41	38640	4.836	ug/l	93
42) 1,2-Dichloroethane	8.677	62	48881	4.757	ug/l	92
43) Isopropyl Acetate	8.700	43	129428	5.163	ug/l	96
44) Trichloroethene	9.353	130	34574	5.071	ug/l	86
45) 1,2-Dichloropropane	9.624	63	46498	5.245	ug/l	99
46) Dibromomethane	9.712	93	27260	5.241	ug/l	89
47) Bromodichloromethane	9.894	83	55097	5.185	ug/l	94
48) Methyl methacrylate	9.612	41	57919	5.628	ug/l #	99
49) 1,4-Dioxane	9.706	88	23292	104.426	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	403633	25.005	ug/l	100
52) Toluene	10.630	92	98442	5.005	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61277	4.839	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	71076	5.199	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	39089	4.943	ug/l	90
56) Ethyl methacrylate	10.877	69	70693	4.908	ug/l	99
57) 1,3-Dichloropropane	11.165	76	71177	4.994	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	115233	22.183	ug/l	99
59) 2-Hexanone	11.194	43	293262	24.019	ug/l	100
60) Dibromochloromethane	11.365	129	38467	4.938	ug/l	94
61) 1,2-Dibromoethane	11.471	107	39789	4.948	ug/l	95
64) Tetrachloroethene	11.106	164	26148	5.121	ug/l #	84
65) Chlorobenzene	11.894	112	103356	5.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	33805	4.805	ug/l	96
67) Ethyl Benzene	11.965	91	184764	5.145	ug/l	100
68) m/p-Xylenes	12.071	106	142255	10.552	ug/l	93
69) o-Xylene	12.400	106	72193	5.220	ug/l	97
70) Styrene	12.412	104	111293	5.104	ug/l	97
71) Bromoform	12.576	173	25564	4.764	ug/l #	100
73) Isopropylbenzene	12.700	105	172857	5.283	ug/l	98
74) N-amyl acetate	12.494	43	99449	5.027	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	67571	5.218	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	60690m	5.745	ug/l	
77) Bromobenzene	12.982	156	34633	5.124	ug/l	88
78) n-propylbenzene	13.035	91	197721	5.246	ug/l	98
79) 2-Chlorotoluene	13.123	91	117097	5.123	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	139832	5.359	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	27791	5.336	ug/l	92
82) 4-Chlorotoluene	13.223	91	107013	5.050	ug/l	100
83) tert-Butylbenzene	13.435	119	116864	5.183	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	137450	5.210	ug/l	98
85) sec-Butylbenzene	13.618	105	168615	5.146	ug/l	99
86) p-Isopropyltoluene	13.729	119	130092	5.145	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	64371	4.961	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	59568	4.860	ug/l	91
89) n-Butylbenzene	14.053	91	111935	5.022	ug/l	97
90) Hexachloroethane	14.335	117	29231	5.170	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	59826	4.788	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13577	4.975	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	26537	4.855	ug/l	95
94) Hexachlorobutadiene	15.500	225	14732	5.762	ug/l	94
95) Naphthalene	15.641	128	109386	4.629	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	25588	4.356	ug/l	93

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 04:38:45 2022
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Quant Title : SW846 8260
QLast Update : Thu Oct 06 04:37:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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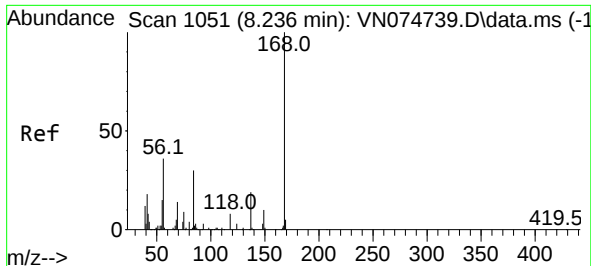
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 10/06/2022
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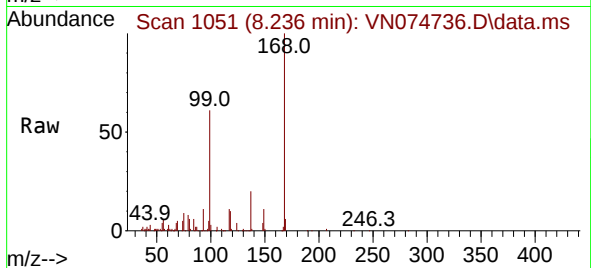
Chromatogram Data (Approximate Retention Times and Labels):

Retention Time (min)	Chemical Label
2.5	Dichlorodifluoromethane, T
2.8	Chloromethane, P
3.0	Vinyl Chloride, C
3.2	Bromomethane, T
3.5	Chloroethane, T
4.0	Trichlorofluoromethane, T
4.2	Diethyl Ether, T
4.5	Acrolein, T
4.8	Acetaldehyde, T
5.0	Chloroethane, T
5.2	Methyl Iodide, T
5.5	Carbon Disulfide, T
5.8	Methyl Acetate, T
6.0	Methylene Chloride, T
6.2	Tert butyl alcohol, T
6.5	Acetone, T
6.8	Acetone, T
7.0	1,1-Dichloroethane, T
7.2	Diisopropyl ether, T
7.5	2,2-Dichloropropane, T
7.8	Methoxychlor, T
8.0	Chloroform, C
8.2	1,1,1-Trichloroethane, T
8.5	1,2-Dichloroethane, T
8.8	1,2-Dichloroethane, T
9.0	1,4-Difluorobenzene, I
9.5	Trichloroethene, TM
9.8	1,1,1-Trichloroethane, T
10.0	Bromodichloromethane, T
10.2	2-Chloroethyl Vinyl ether, T
10.5	cis-1,3-Dichloropropene, I
10.8	4-Methyl-2-Pentanone, T
11.0	2-Hexanone, T
11.2	1,1-Dichloroethane, T
11.5	1,2-Dichloroethane, T
11.8	1,2-Dichloroethane, T
12.0	Chlorobenzene-d5, I
12.2	Chlorobenzene-d5, I
12.5	Chlorobenzene-d5, I
12.8	Chlorobenzene-d5, I
13.0	Chlorobenzene-d5, I
13.2	Chlorobenzene-d5, I
13.5	Chlorobenzene-d5, I
13.8	Chlorobenzene-d5, I
14.0	Chlorobenzene-d5, I
14.2	Chlorobenzene-d5, I
14.5	Chlorobenzene-d5, I
14.8	Chlorobenzene-d5, I
15.0	Chlorobenzene-d5, I
15.2	Chlorobenzene-d5, I
15.5	Chlorobenzene-d5, I
15.8	Chlorobenzene-d5, I
16.0	Chlorobenzene-d5, I



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074736.D
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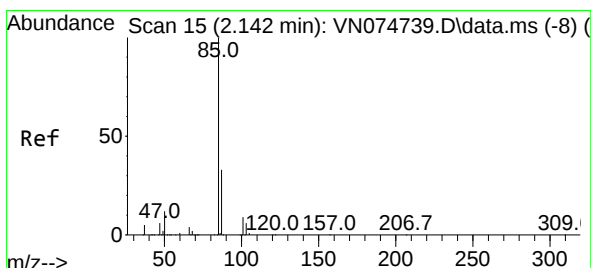
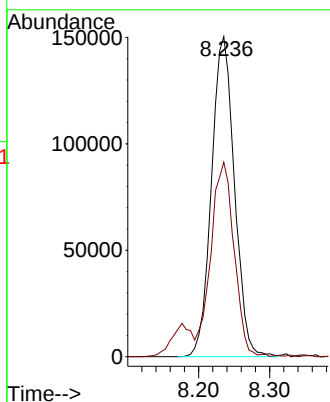
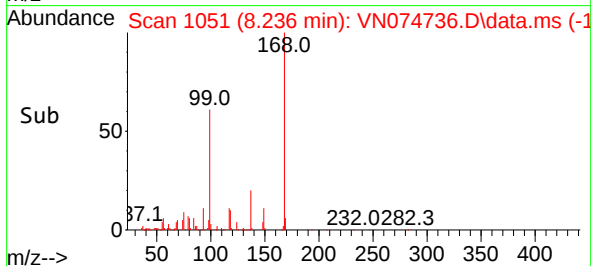
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



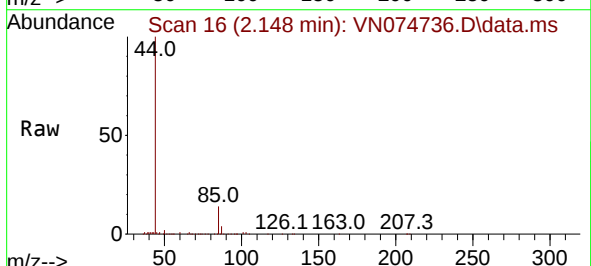
Tgt Ion:168 Resp: 33737
Ion Ratio Lower Upper
168 100
99 60.4 42.8 64.2

Manual Integrations
APPROVED

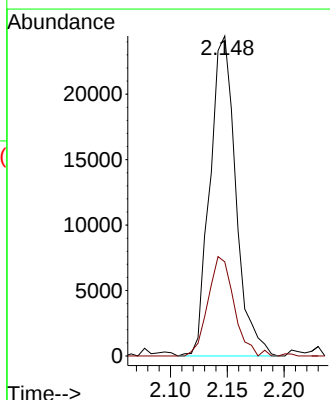
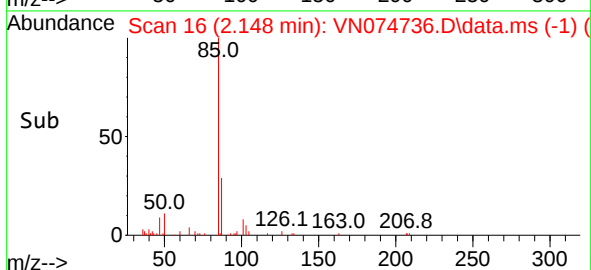
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

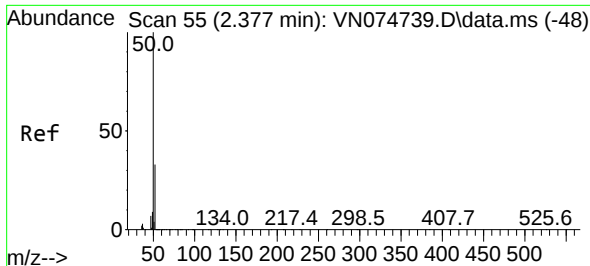


#2
Dichlorodifluoromethane
Concen: 5.601 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10



Tgt Ion: 85 Resp: 38753
Ion Ratio Lower Upper
85 100
87 29.4 16.3 48.9





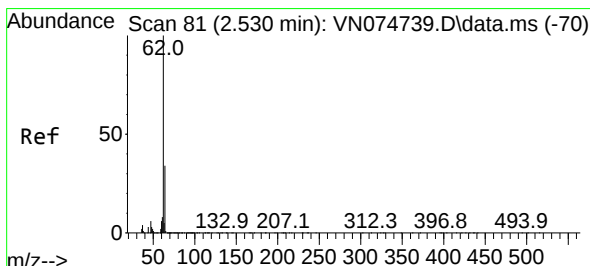
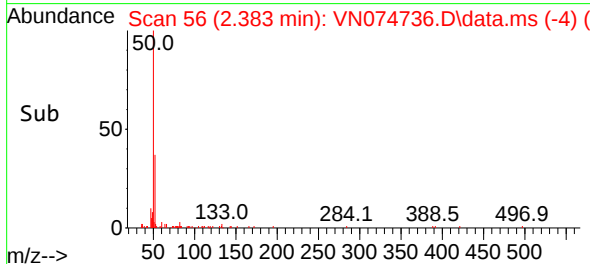
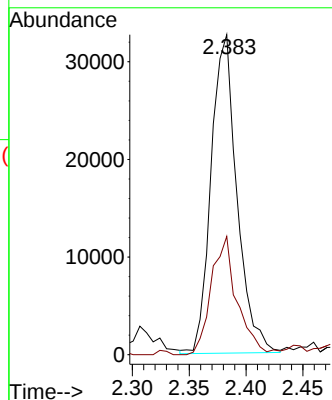
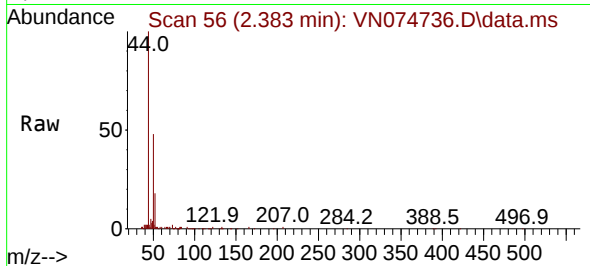
#3
Chloromethane
Concen: 5.027 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 51720
Ion Ratio Lower Upper
50 100
52 37.5 26.7 40.1

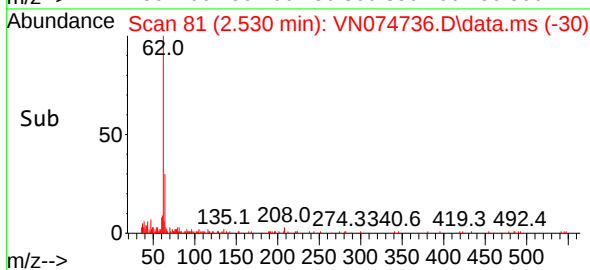
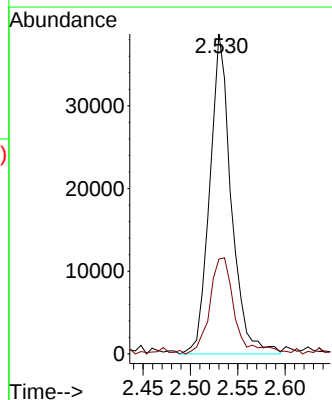
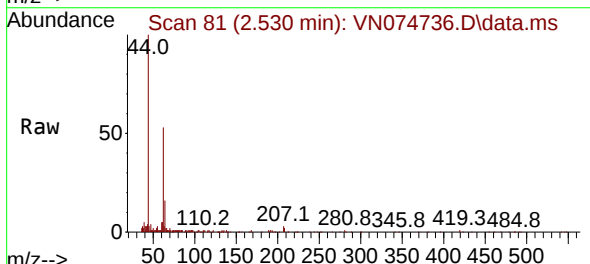
Manual Integrations
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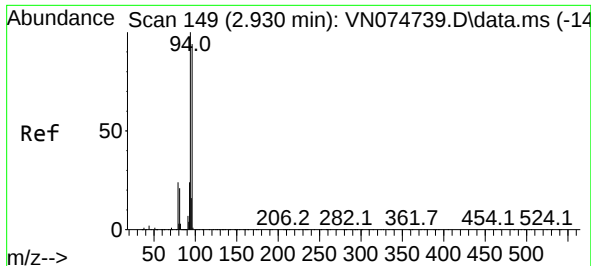
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#4
Vinyl Chloride
Concen: 4.790 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 62 Resp: 61028
Ion Ratio Lower Upper
62 100
64 28.8 27.4 41.2





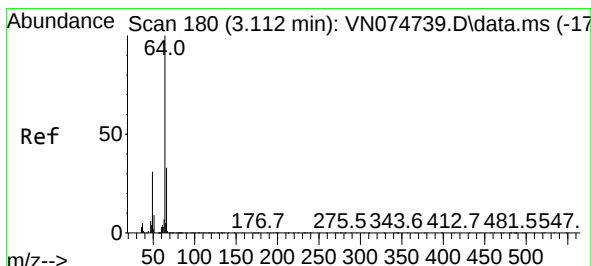
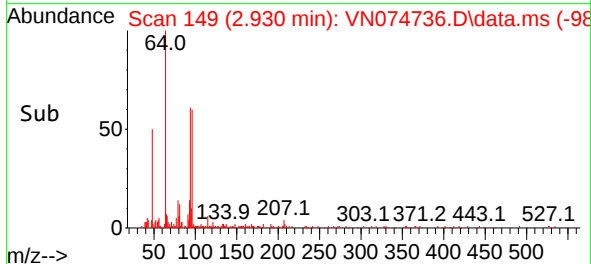
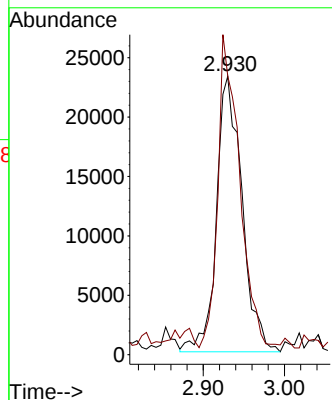
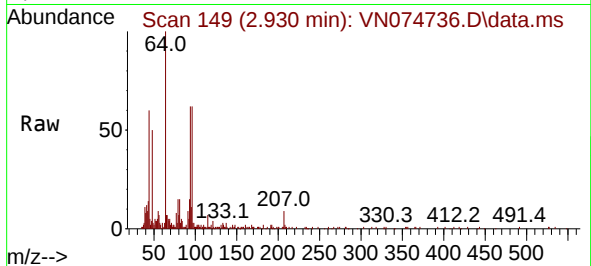
#5
Bromomethane
Concen: 5.637 ug/l
RT: 2.930 min Scan# 149
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 5064
Ion Ratio Lower Upper
94 100
96 97.7 75.0 112.6

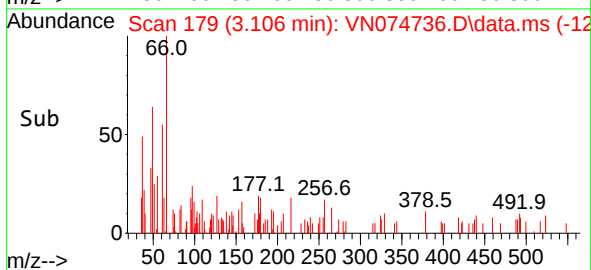
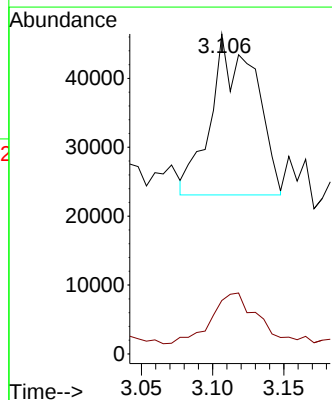
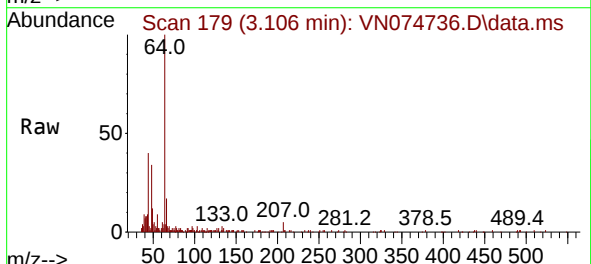
Manual Integrations
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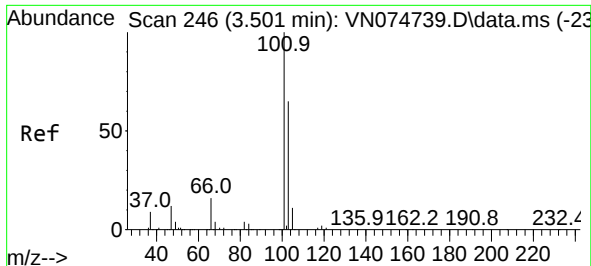
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#6
Chloroethane
Concen: 5.353 ug/l m
RT: 3.106 min Scan# 179
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

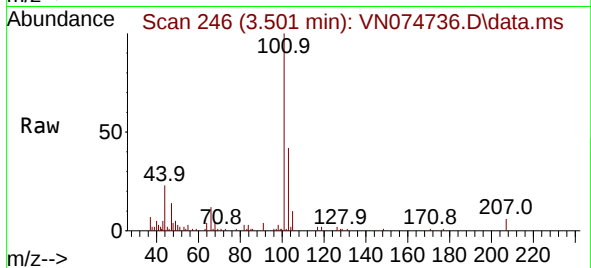
Tgt Ion: 64 Resp: 50703
Ion Ratio Lower Upper
64 100
66 16.7 25.1 37.7#





#7
 Trichlorofluoromethane
 Concen: 5.275 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

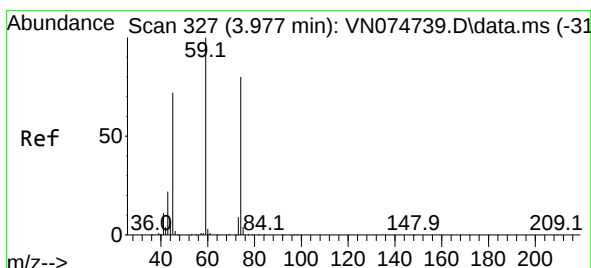
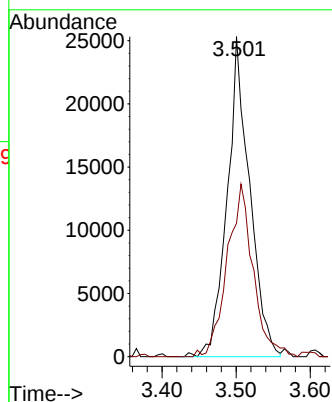
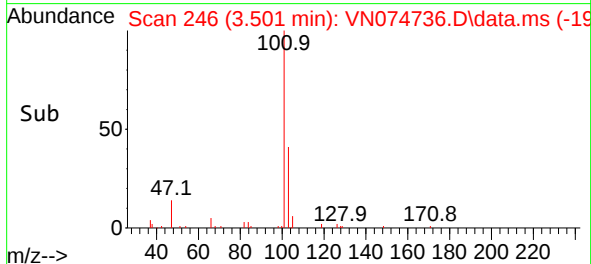
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



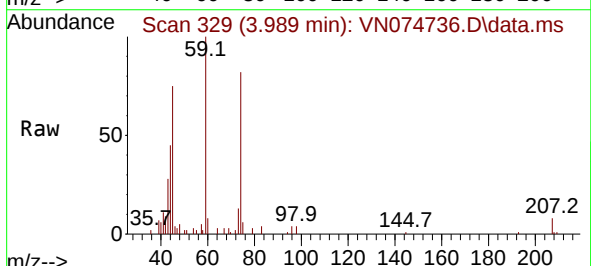
Tgt Ion:101 Resp: 53320
 Ion Ratio Lower Upper
 101 100
 103 41.7 52.0 78.0

Manual Integrations
 APPROVED

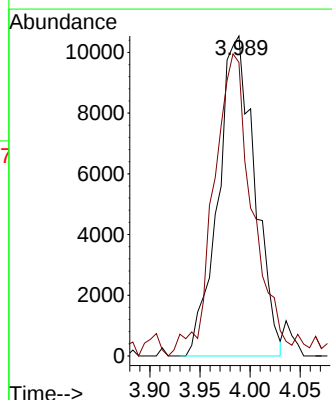
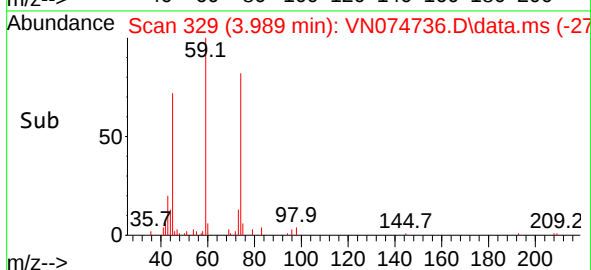
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

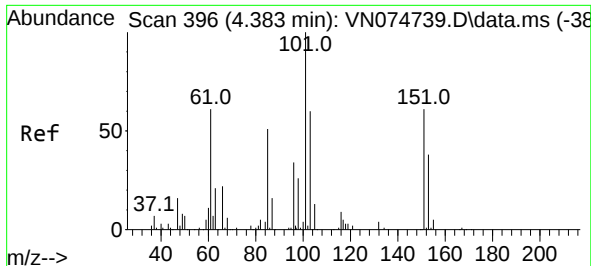


#8
 Diethyl Ether
 Concen: 5.127 ug/l
 RT: 3.989 min Scan# 329
 Delta R.T. 0.012 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10



Tgt Ion: 74 Resp: 26852
 Ion Ratio Lower Upper
 74 100
 45 99.7 48.2 144.6





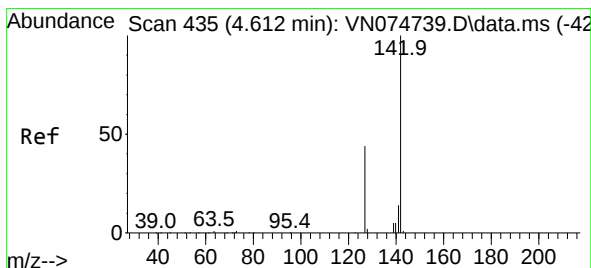
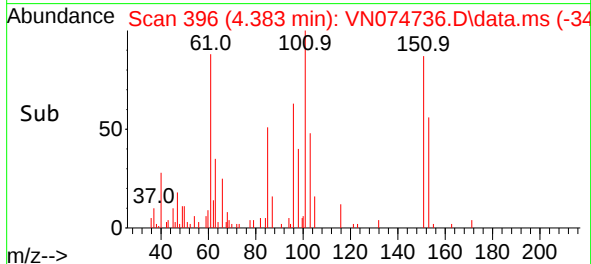
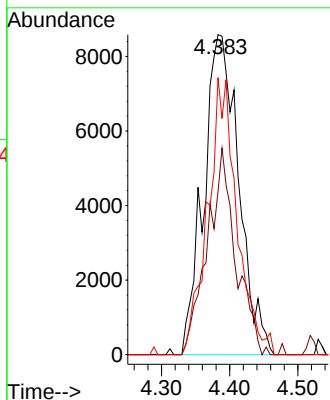
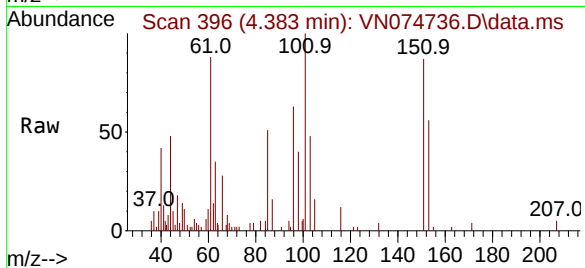
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.978 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 3062
Ion Ratio Lower Upper
101 100
85 52.8 37.4 56.0
151 72.4 55.0 82.4

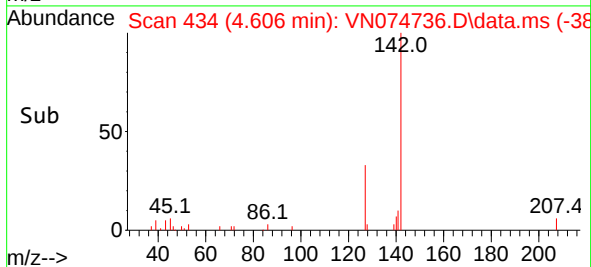
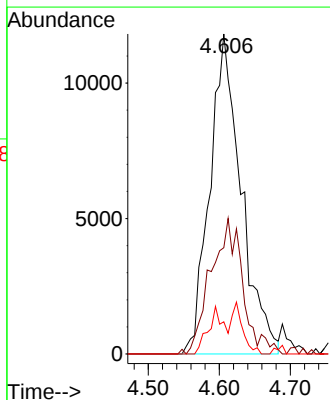
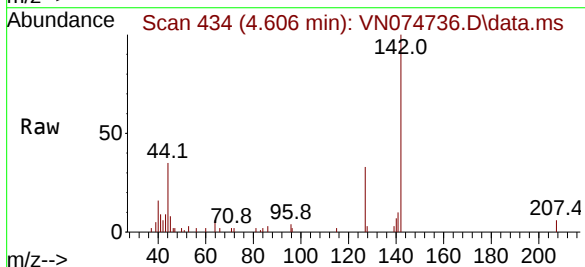
Manual Integrations
APPROVED

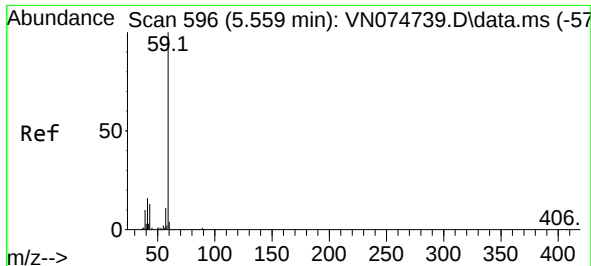
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 4.859 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:142 Resp: 36241
Ion Ratio Lower Upper
142 100
127 42.9 34.4 51.6
141 5.7 11.0 16.6#





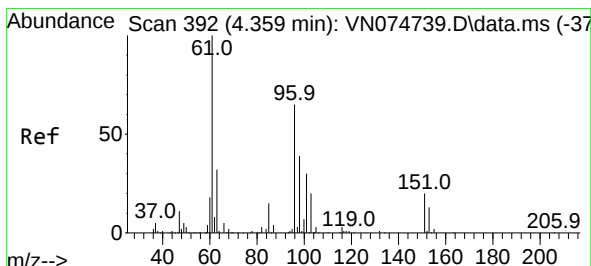
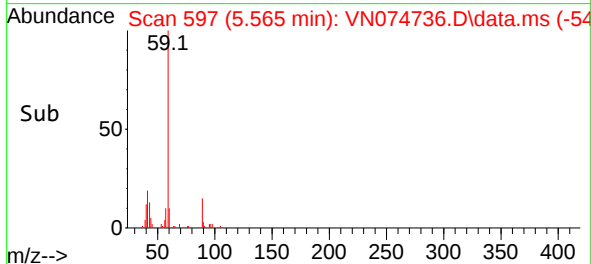
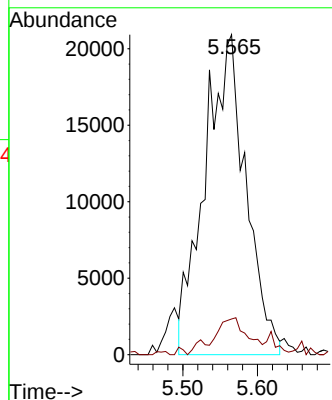
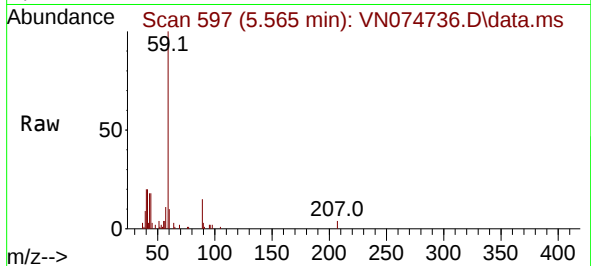
#11
Tert butyl alcohol
Concen: 30.223 ug/l m
RT: 5.565 min Scan# 596
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 80074
Ion Ratio Lower Upper
59 100
57 8.1 7.7 11.5

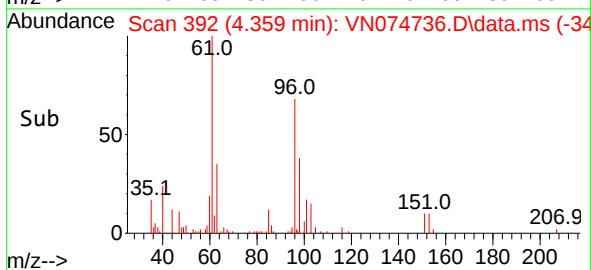
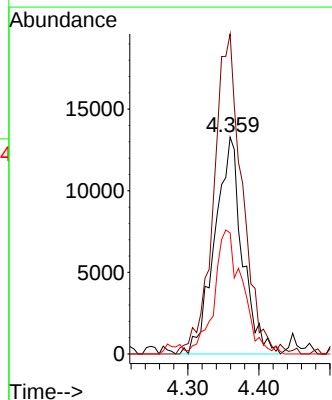
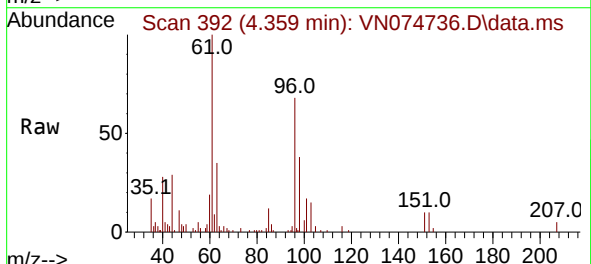
Manual Integrations
APPROVED

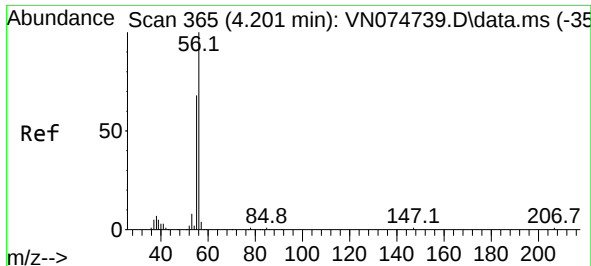
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 5.442 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

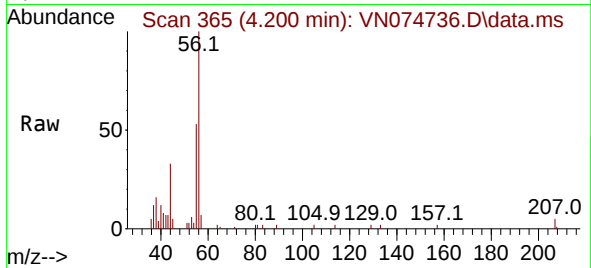
Tgt Ion: 96 Resp: 35746
Ion Ratio Lower Upper
96 100
61 144.8 123.9 185.9
98 54.6 48.8 73.2





#13
Acrolein
Concen: 35.814 ug/l m
RT: 4.200 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

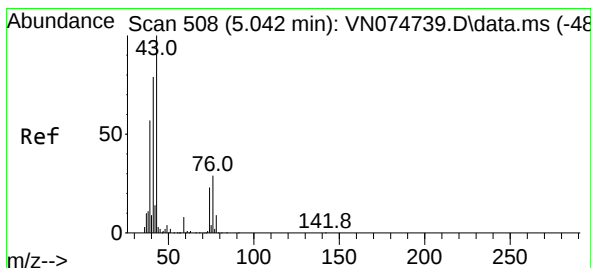
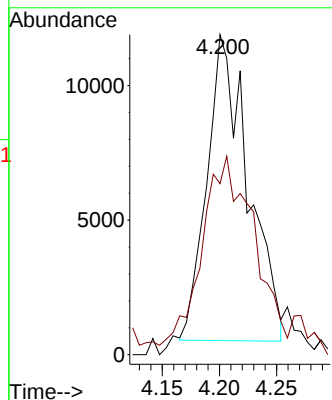
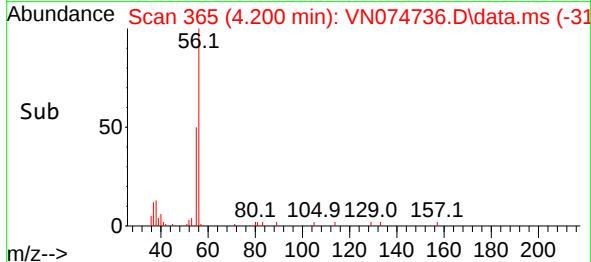
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 2846
Ion Ratio Lower Upper
56 100
55 79.5 54.9 82.3

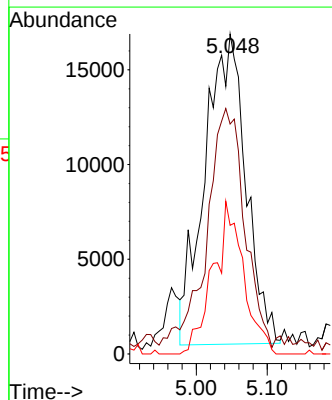
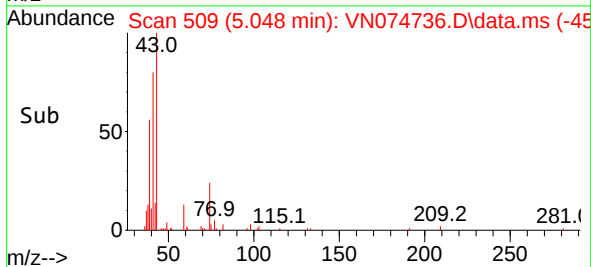
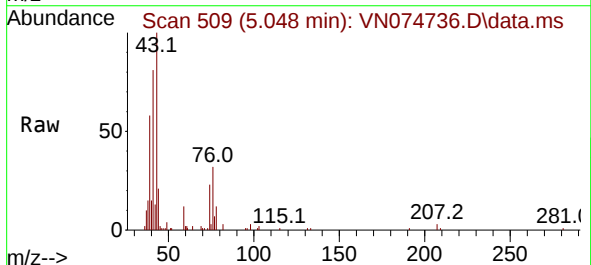
Manual Integrations
APPROVED

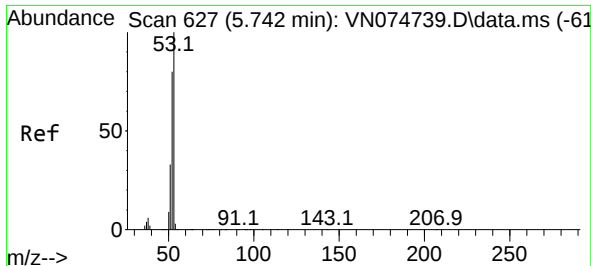
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 4.811 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

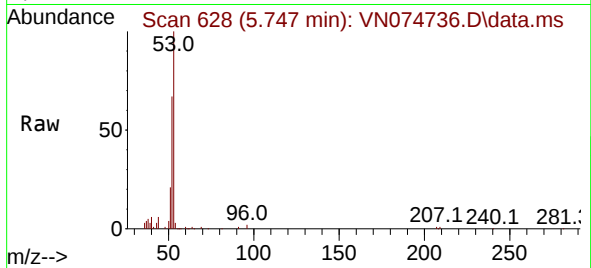
Tgt Ion: 41 Resp: 65747
Ion Ratio Lower Upper
41 100
39 71.1 50.2 75.2
76 36.4 25.6 38.4





#15
Acrylonitrile
Concen: 26.348 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

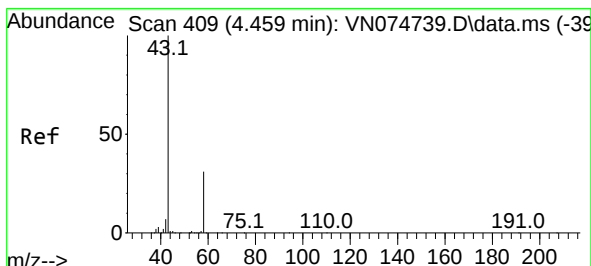
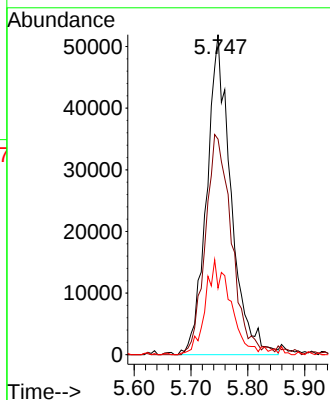
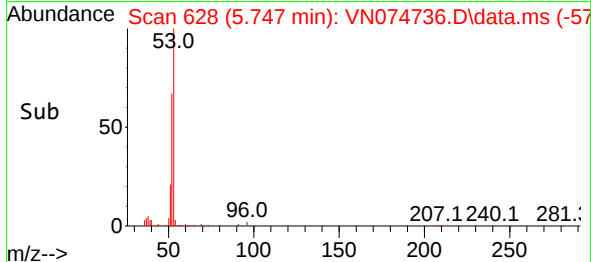
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 153850
Ion Ratio Lower Upper
53 100
52 73.9 64.3 96.5
51 30.4 27.5 41.3

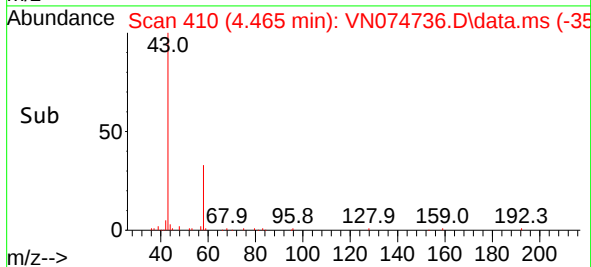
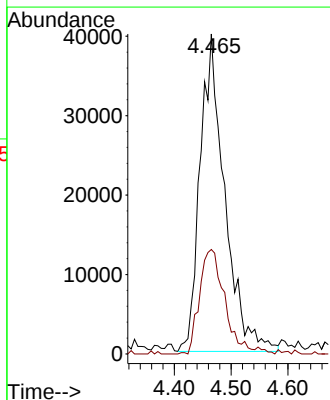
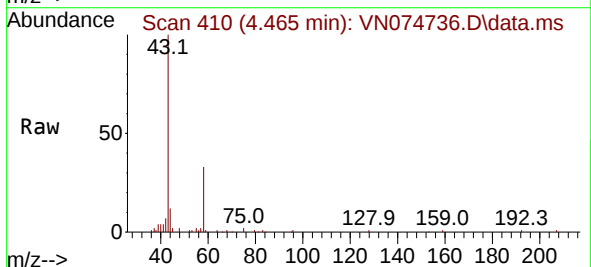
Manual Integrations
APPROVED

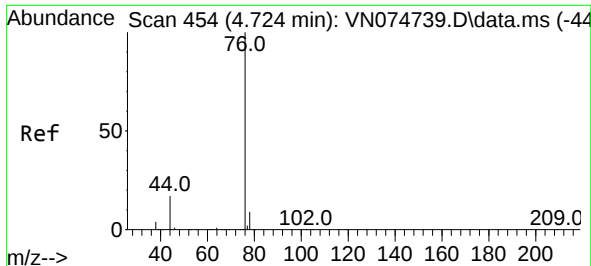
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 26.598 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

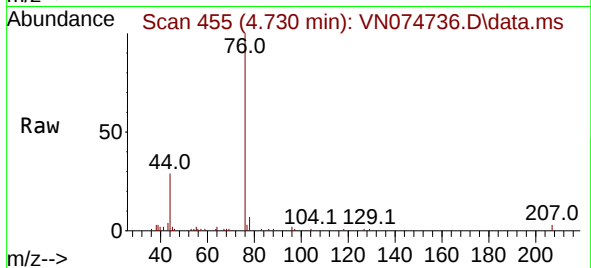
Tgt Ion: 43 Resp: 120489
Ion Ratio Lower Upper
43 100
58 32.9 24.9 37.3





#17
Carbon Disulfide
Concen: 5.268 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

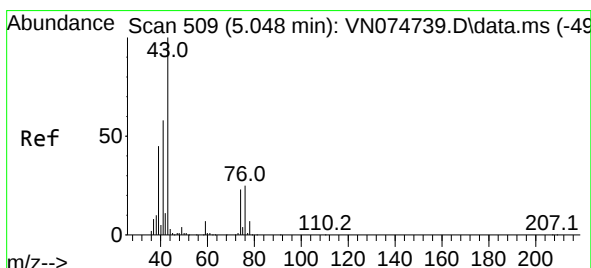
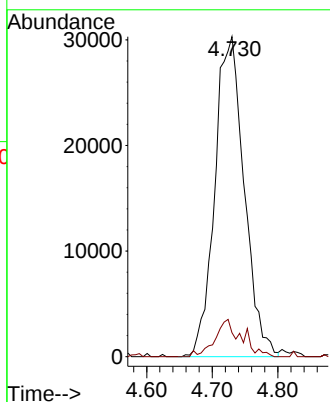
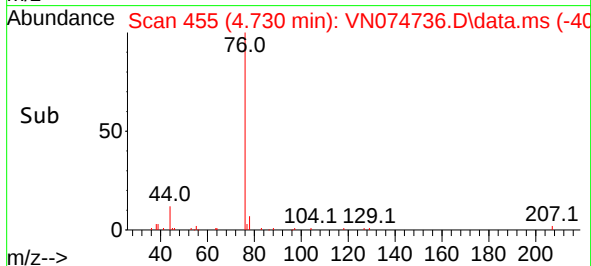
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 94260
Ion Ratio Lower Upper
76 100
78 7.5 7.5 11.3

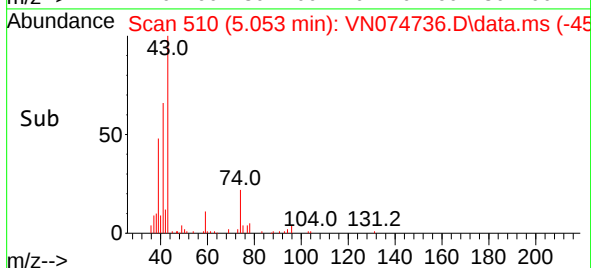
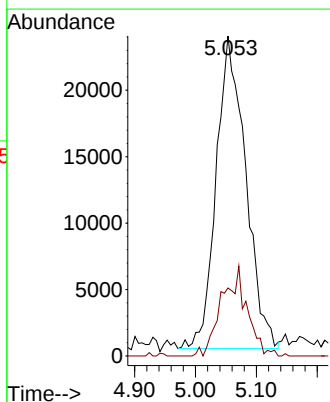
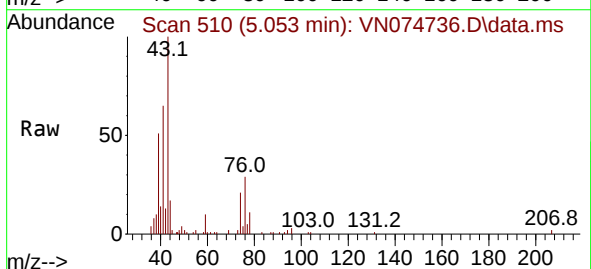
Manual Integrations
APPROVED

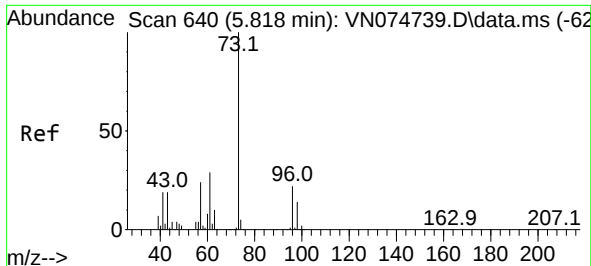
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 4.728 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

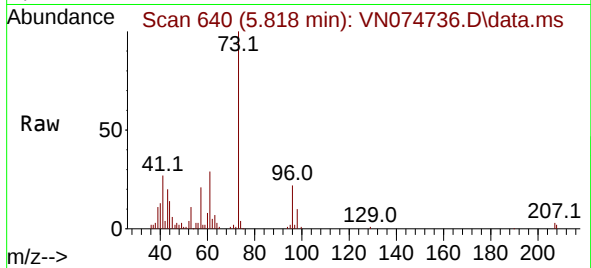
Tgt Ion: 43 Resp: 79290
Ion Ratio Lower Upper
43 100
74 24.8 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 5.190 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

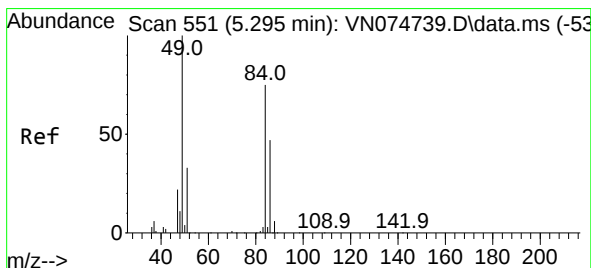
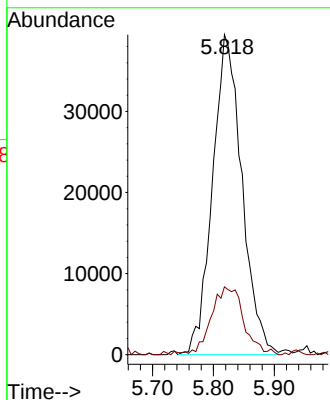
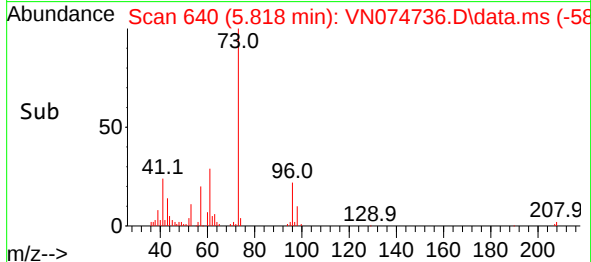
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 132190
Ion Ratio Lower Upper
73 100
57 21.2 19.0 28.4

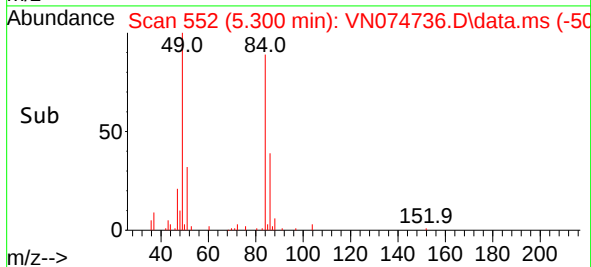
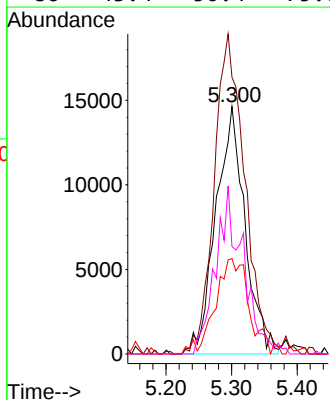
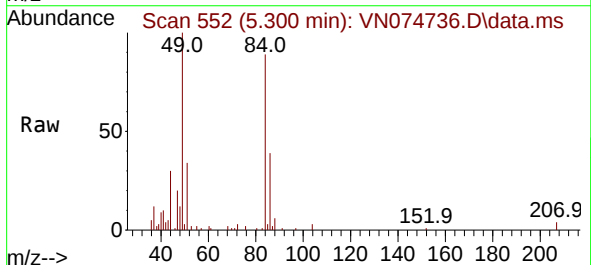
Manual Integrations
APPROVED

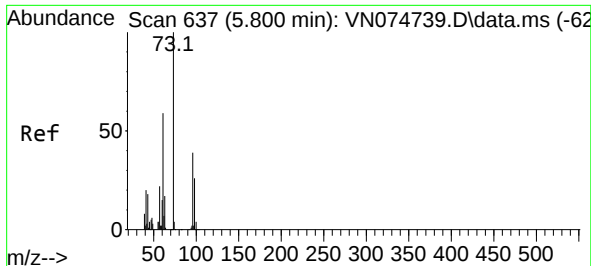
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 5.400 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

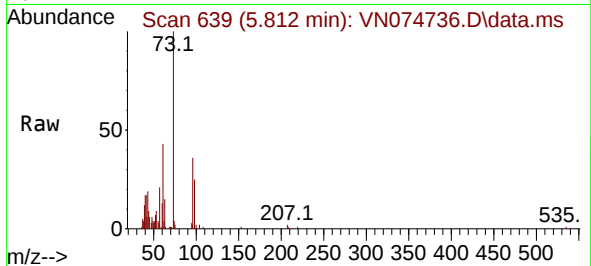
Tgt Ion: 84 Resp: 45245
Ion Ratio Lower Upper
84 100
49 111.9 107.4 161.0
51 38.6 35.1 52.7
86 43.4 50.4 75.6#





#21
trans-1,2-Dichloroethene
Concen: 4.927 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

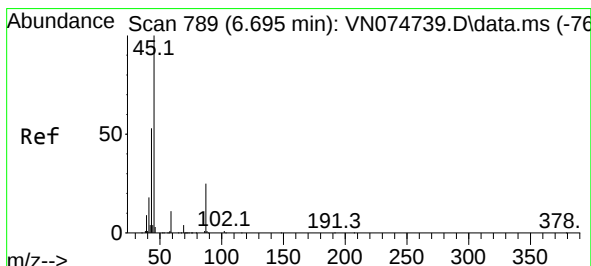
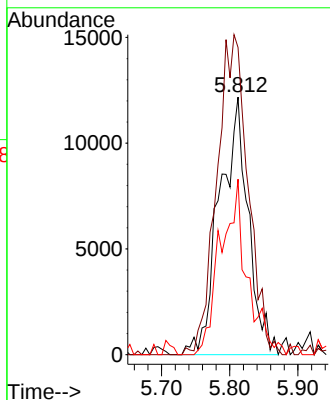
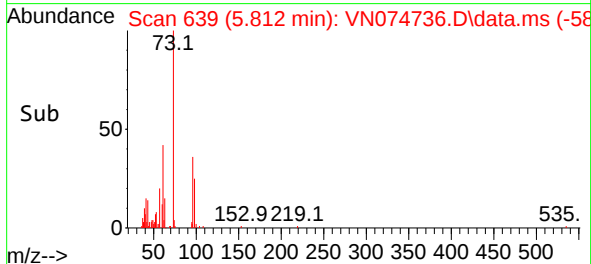
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 35740
Ion Ratio Lower Upper
96 100
61 119.2 121.5 182.3
98 68.1 53.8 80.8

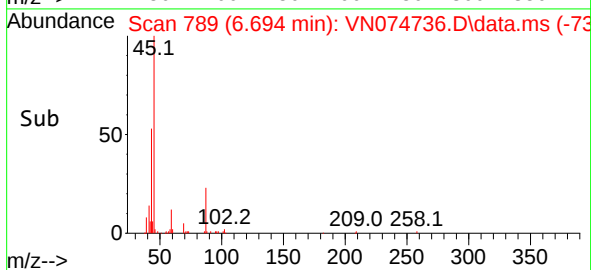
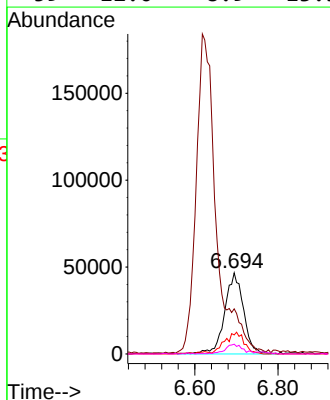
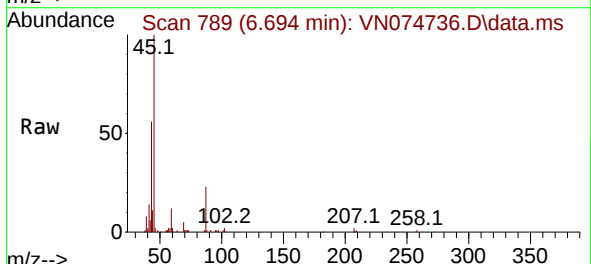
Manual Integrations
APPROVED

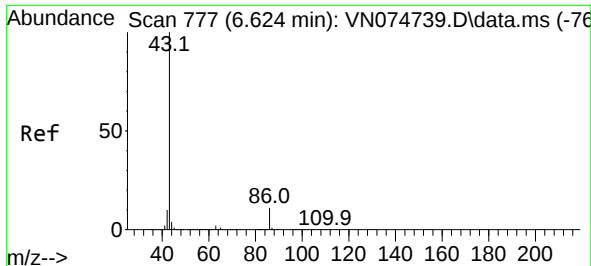
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#22
Diisopropyl ether
Concen: 5.189 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 45 Resp: 147065
Ion Ratio Lower Upper
45 100
43 52.9 42.7 64.1
87 23.4 19.6 29.4
59 12.0 8.9 13.3





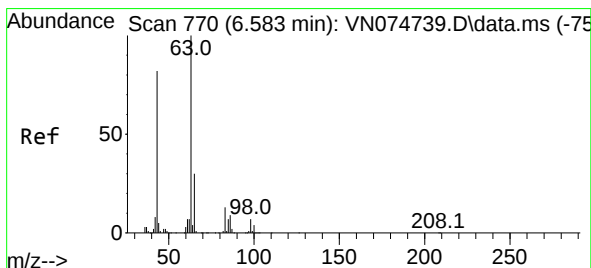
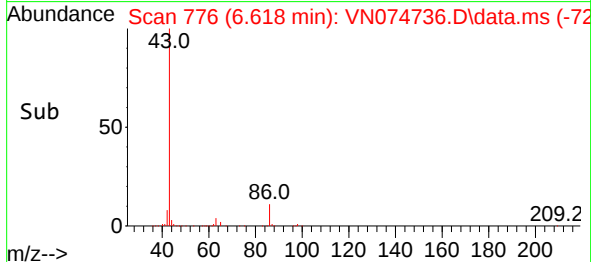
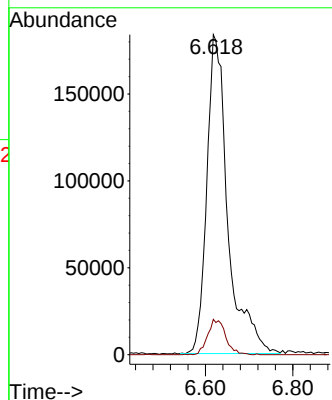
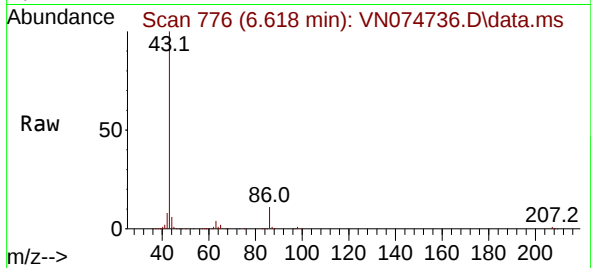
#23
 Vinyl Acetate
 Concen: 26.099 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 612750
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6

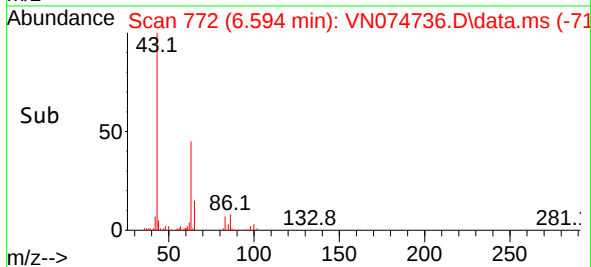
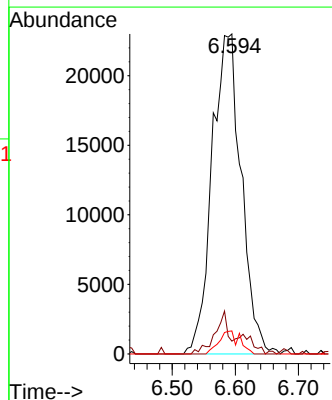
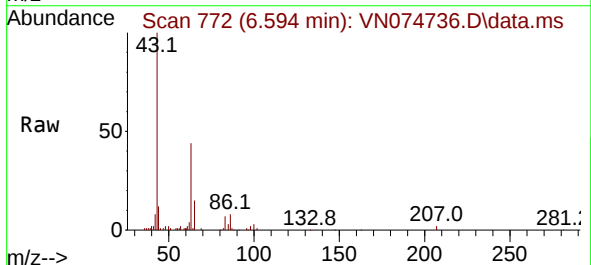
Manual Integrations
 APPROVED

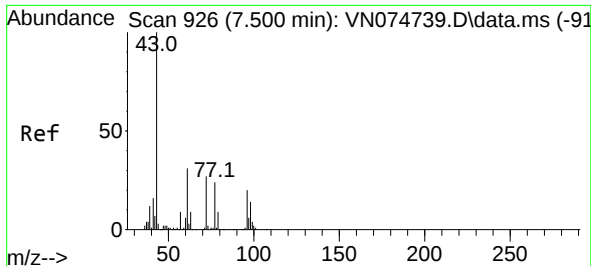
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 5.032 ug/l
 RT: 6.594 min Scan# 772
 Delta R.T. 0.012 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

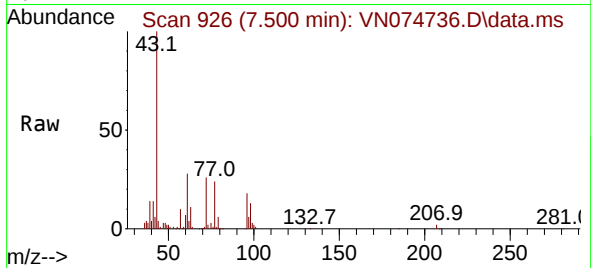
Tgt Ion: 63 Resp: 74149
 Ion Ratio Lower Upper
 63 100
 98 4.0 3.5 10.4
 100 7.2 1.8 5.5





#25
2-Butanone
Concen: 25.708 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

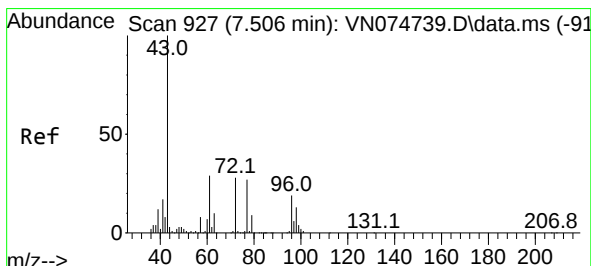
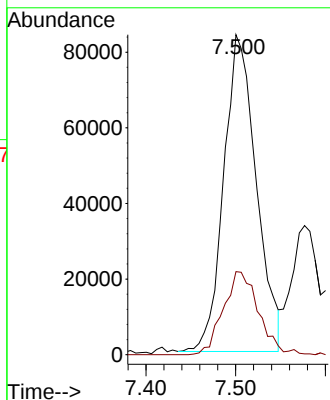
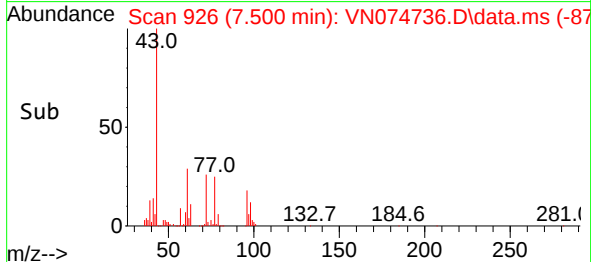
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



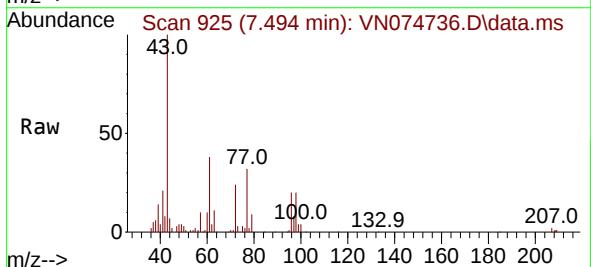
Tgt Ion: 43 Resp: 21135
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.0

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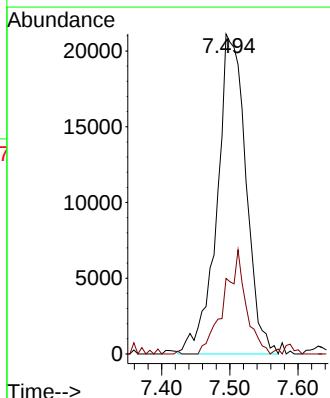
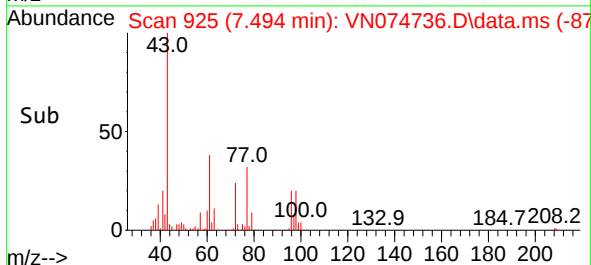
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

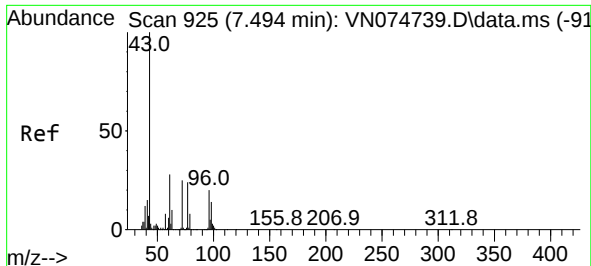


#26
2,2-Dichloropropane
Concen: 5.122 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.012 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10



Tgt Ion: 77 Resp: 62256
Ion Ratio Lower Upper
77 100
97 24.8 11.8 35.3





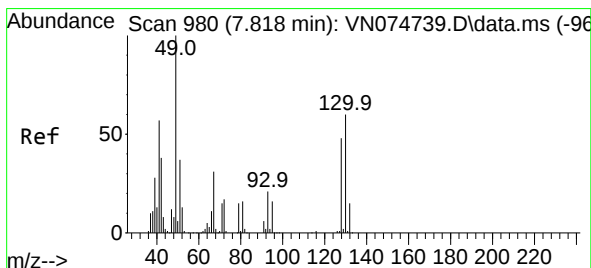
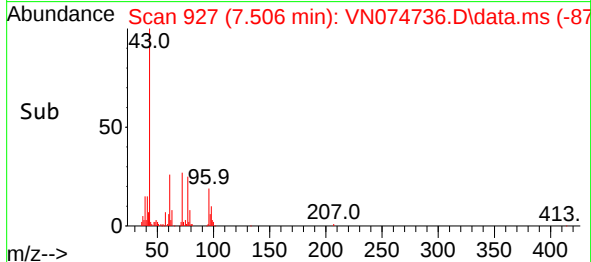
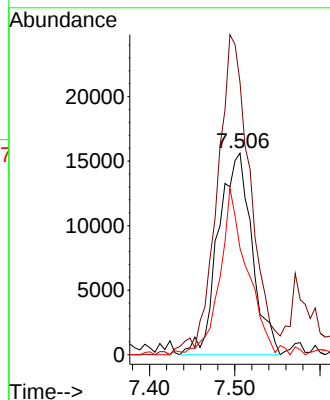
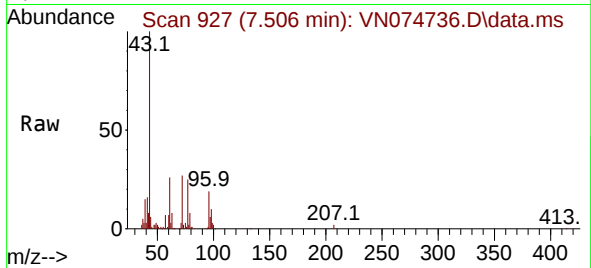
#27
 cis-1,2-Dichloroethene
 Concen: 5.146 ug/l
 RT: 7.506 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 4290
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 303.2
 98 67.7 0.0 131.0

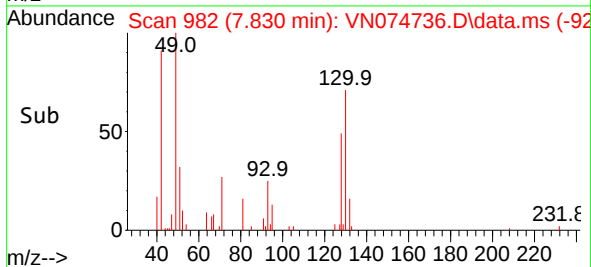
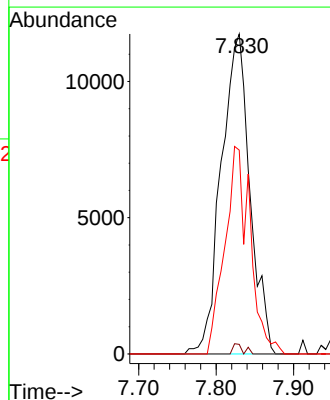
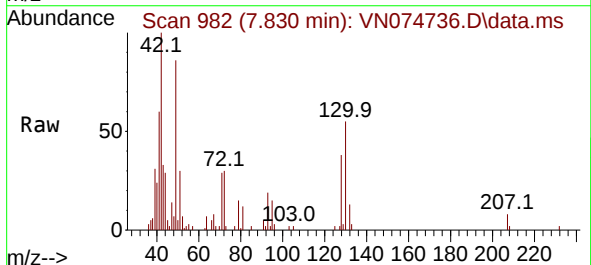
Manual Integrations
 APPROVED

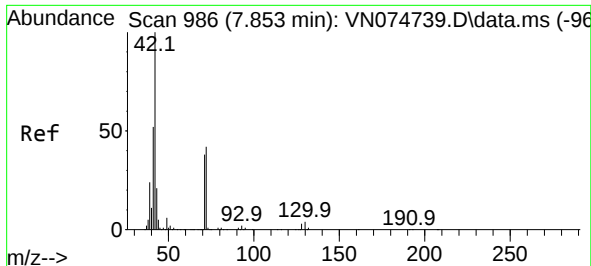
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#28
 Bromochloromethane
 Concen: 4.555 ug/l
 RT: 7.830 min Scan# 982
 Delta R.T. 0.012 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

Tgt Ion: 49 Resp: 30287
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.4
 130 56.9 49.0 73.4





#29

Tetrahydrofuran

Concen: 24.011 ug/l

RT: 7.859 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 13758

Ion Ratio Lower Upper

42 100

72 41.6 33.0 49.6

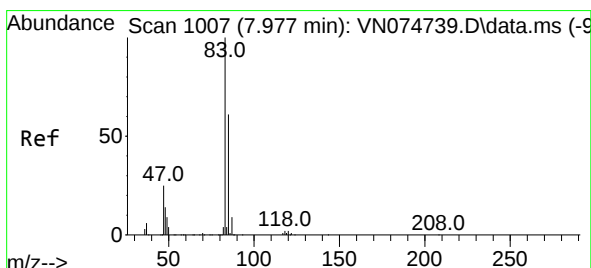
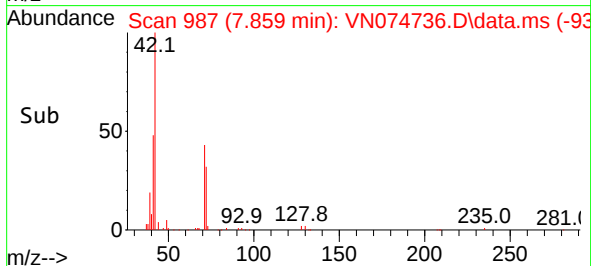
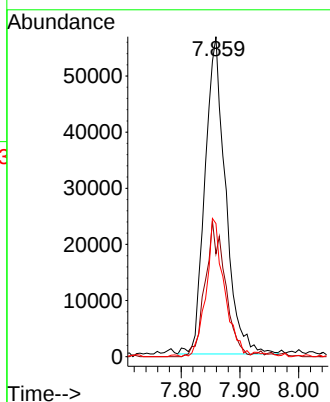
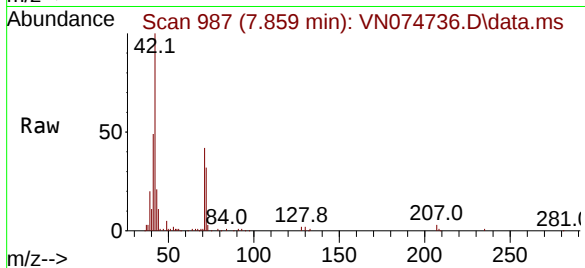
71 38.7 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 5.097 ug/l

RT: 7.983 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VN074736.D

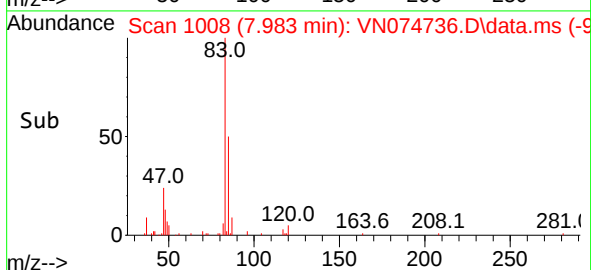
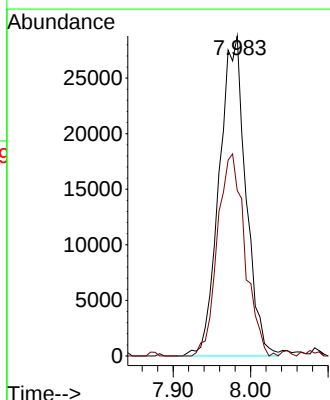
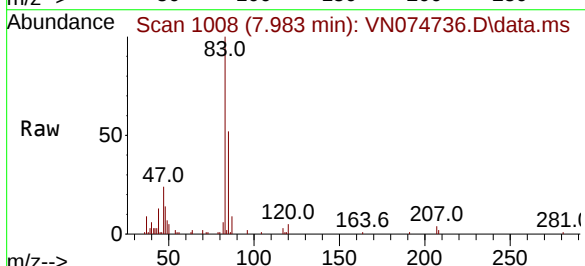
Acq: 05 Oct 2022 12:10

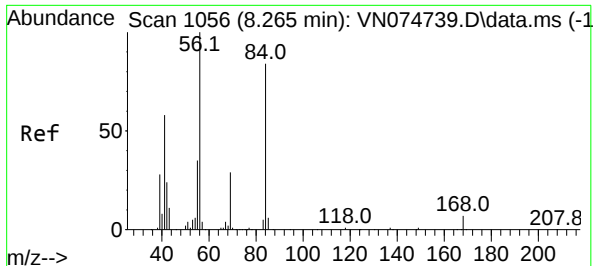
Tgt Ion: 83 Resp: 68799

Ion Ratio Lower Upper

83 100

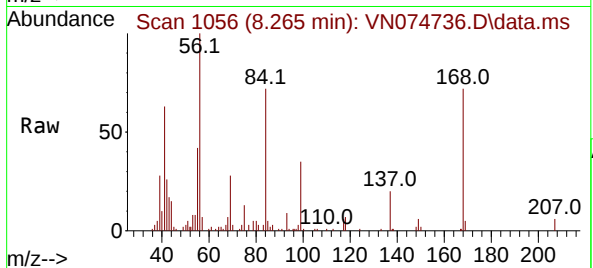
85 51.7 49.0 73.4





#31
Cyclohexane
Concen: 5.539 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

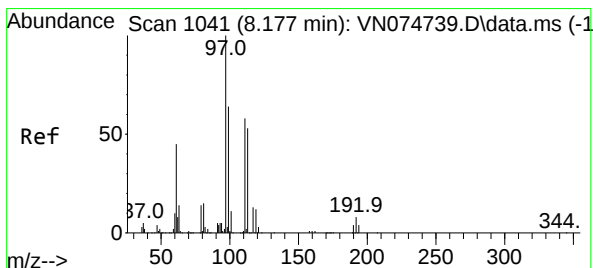
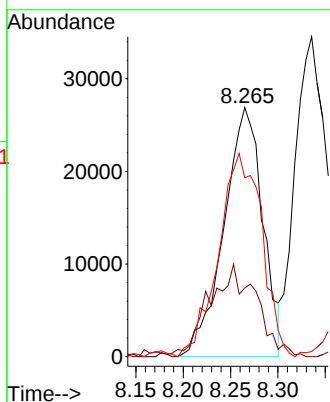
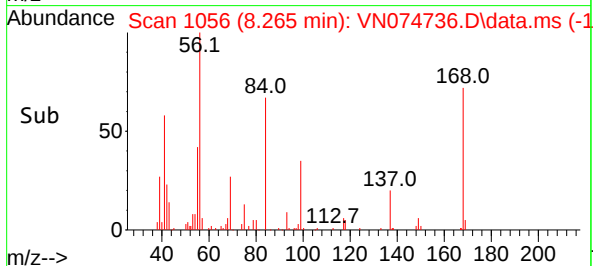
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



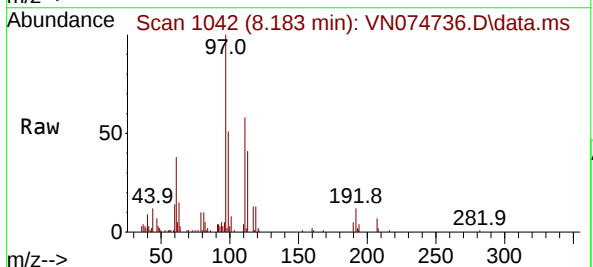
Tgt Ion: 56 Resp: 76520
Ion Ratio Lower Upper
56 100
69 24.7 23.1 34.7
84 71.9 67.1 100.7

Manual Integrations
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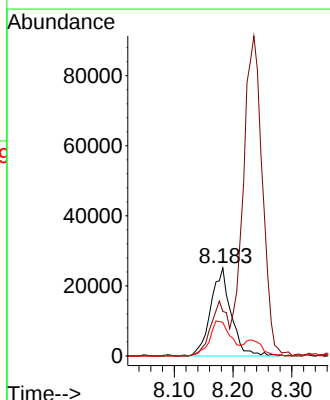
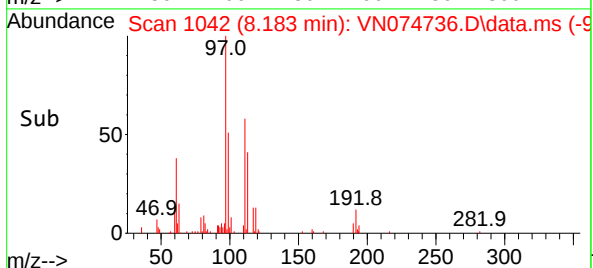
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

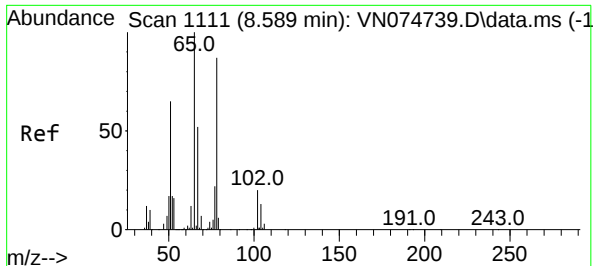


#32
1,1,1-Trichloroethane
Concen: 5.221 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10



Tgt Ion: 97 Resp: 60071
Ion Ratio Lower Upper
97 100
99 50.7 50.7 76.1#
61 42.0 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 4.606 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 36818

Ion Ratio Lower Upper

65 100

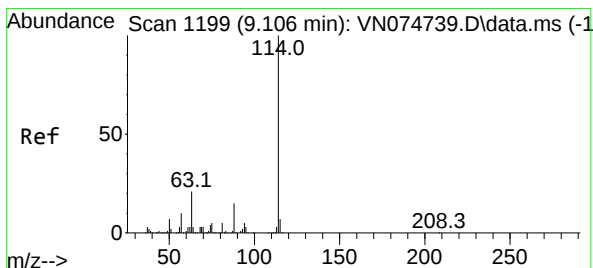
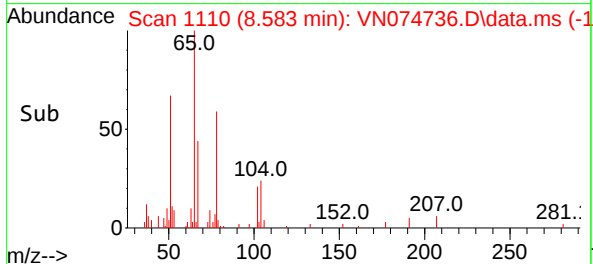
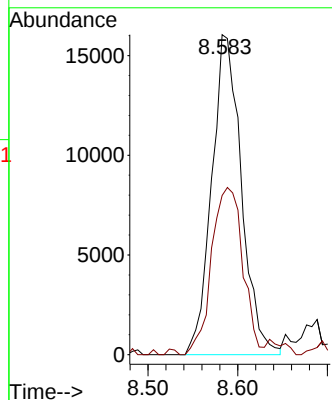
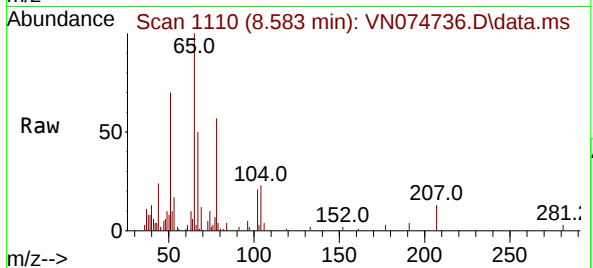
67 55.1 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

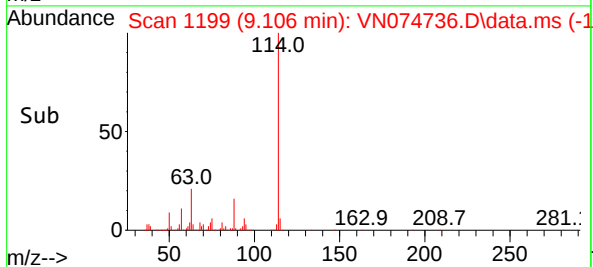
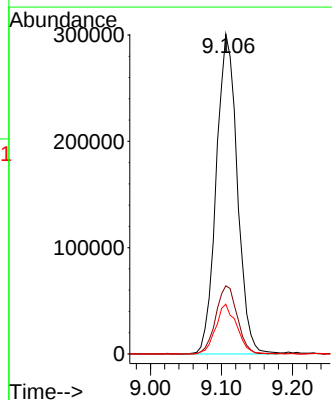
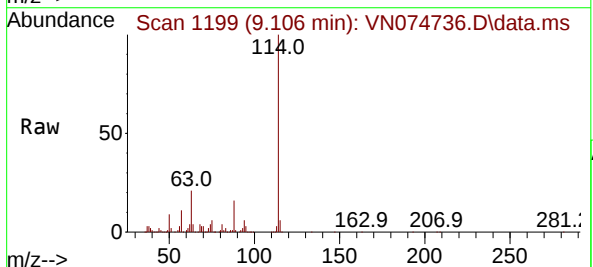
Tgt Ion:114 Resp: 618376

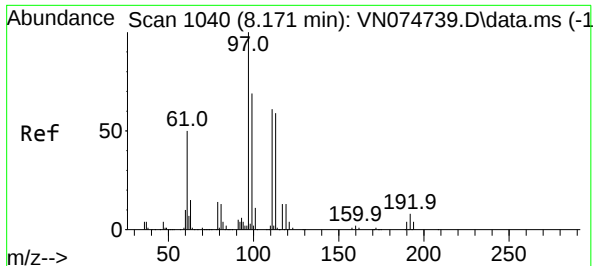
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 4.718 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 113 Resp: 29850

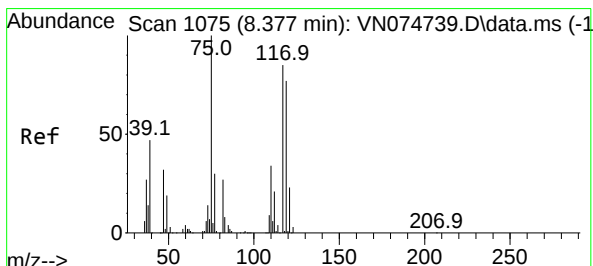
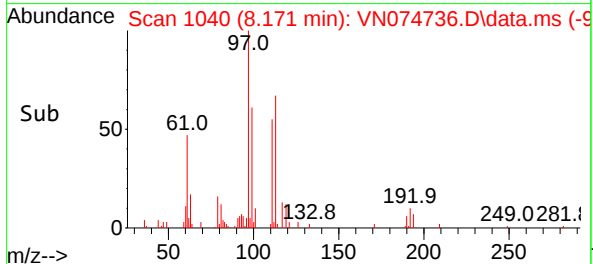
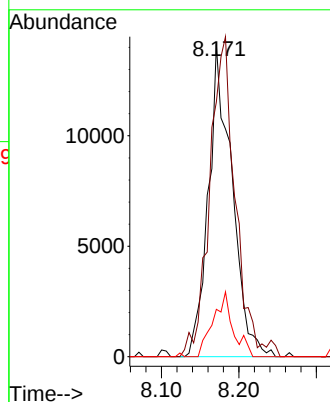
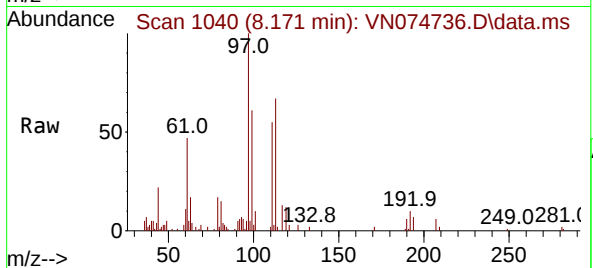
Ion	Ratio	Lower	Upper
113	100		
111	110.0	83.0	124.6
192	17.6	12.6	18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 8.388 min Scan# 1077

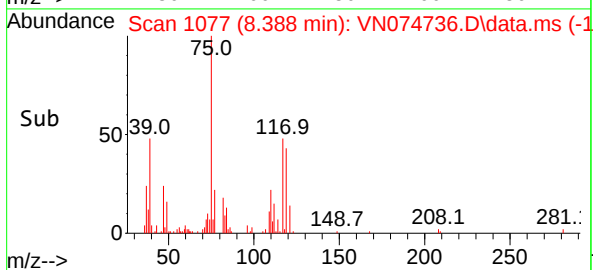
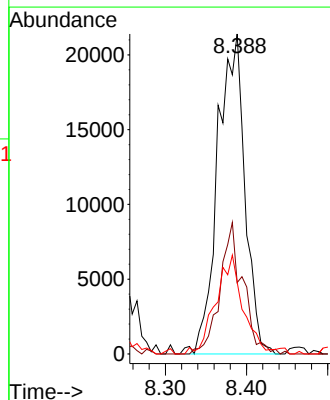
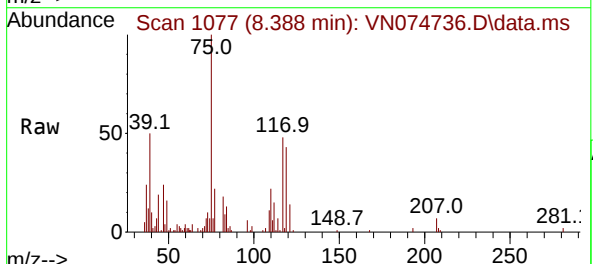
Delta R.T. 0.012 min

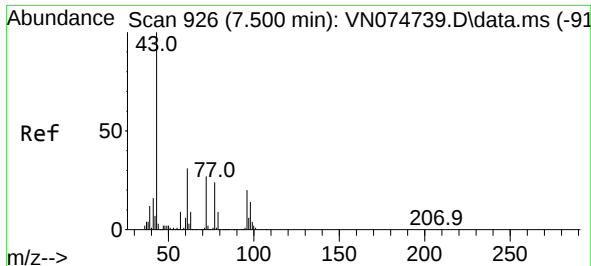
Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Tgt Ion: 75 Resp: 49839

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.2	51.5
77	31.0	24.3	36.5





#37

Ethyl Acetate

Concen: 5.033 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 21135

Ion Ratio Lower Upper

43 100

61 31.8 4.3 6.5

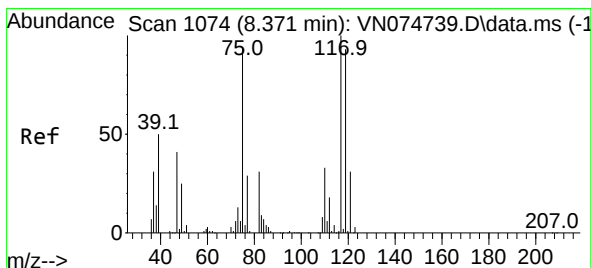
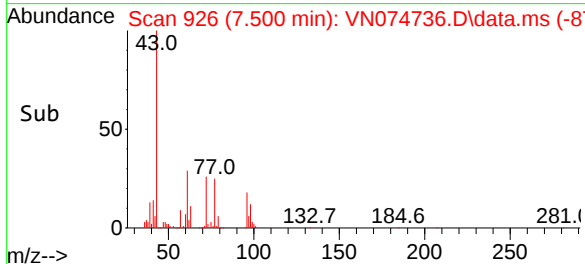
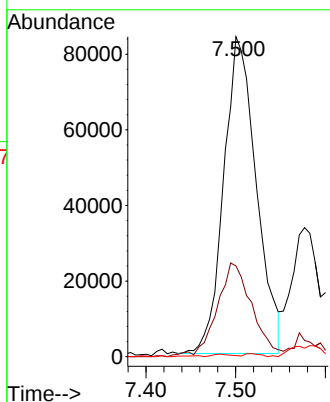
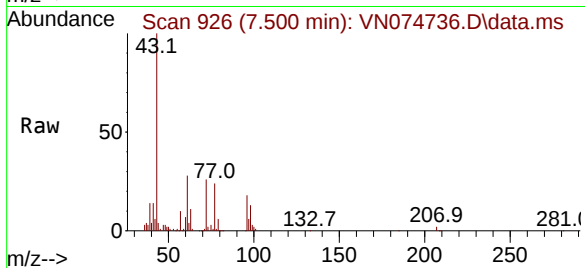
70 0.5 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 5.216 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.006 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

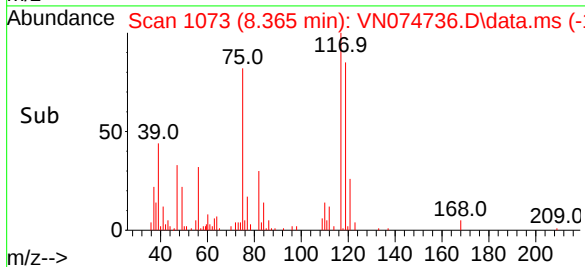
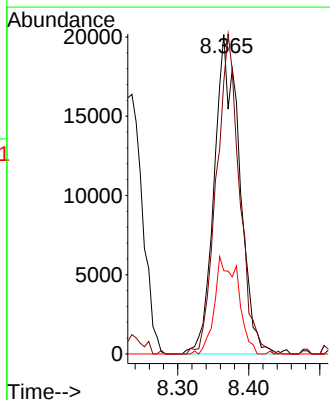
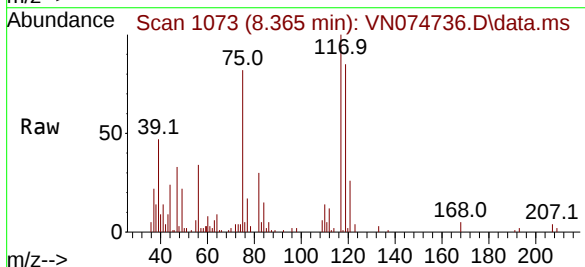
Tgt Ion:117 Resp: 49741

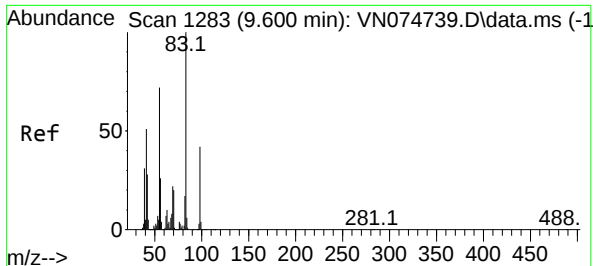
Ion Ratio Lower Upper

117 100

119 85.3 74.3 111.5

121 26.1 25.0 37.4





#39

Methylcyclohexane

Concen: 5.174 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

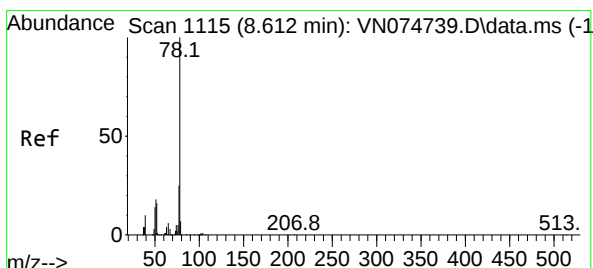
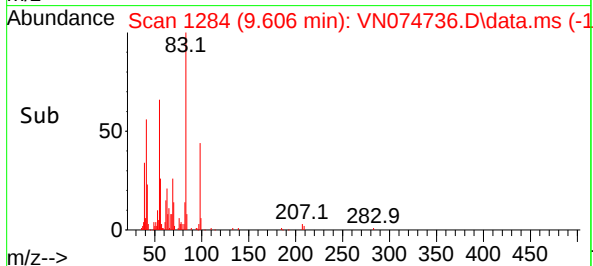
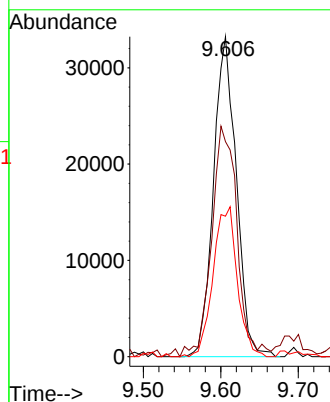
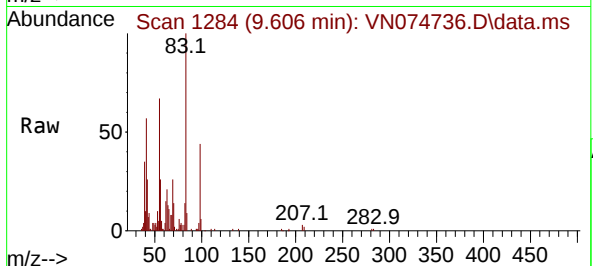
Tgt Ion:	83	Resp:	6777
Ion Ratio	Lower	Upper	
83	100		
55	67.2	57.3	85.9
98	43.9	33.4	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 5.240 ug/l

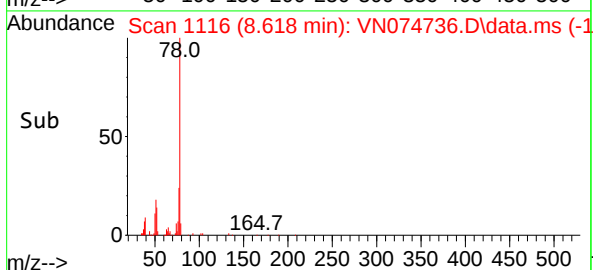
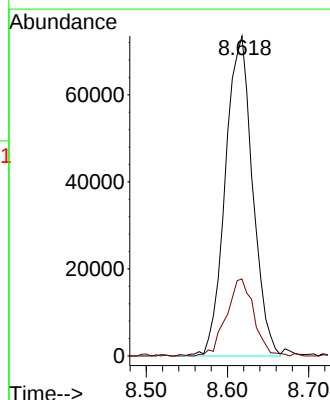
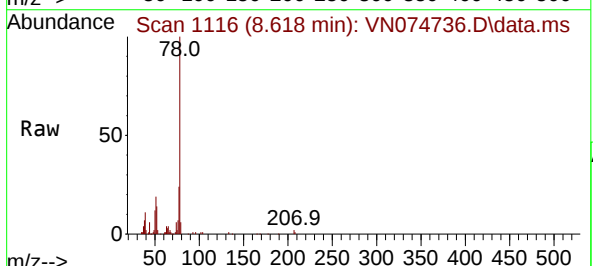
RT: 8.618 min Scan# 1116

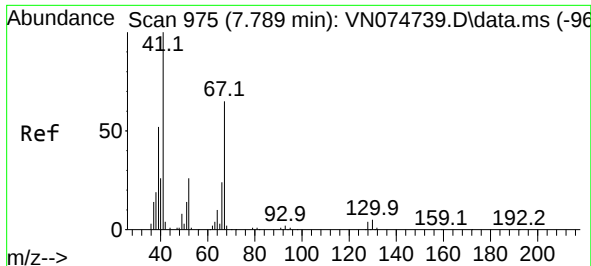
Delta R.T. 0.006 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

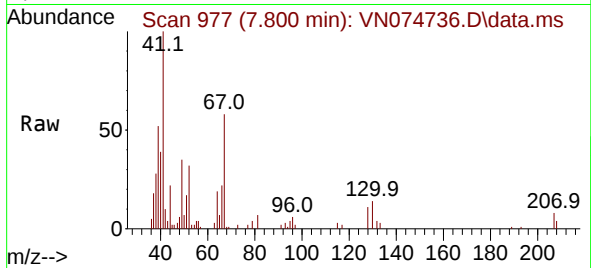
Tgt Ion:	78	Resp:	171539
Ion Ratio	Lower	Upper	
78	100		
77	23.6	20.1	30.1





#41
Methacrylonitrile
Concen: 4.836 ug/l
RT: 7.800 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

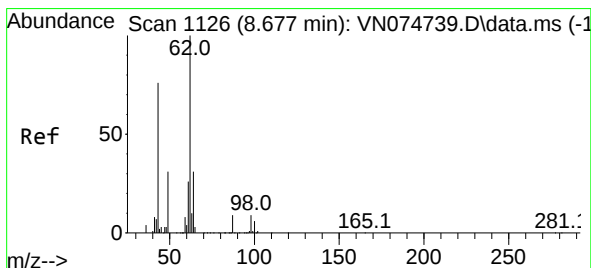
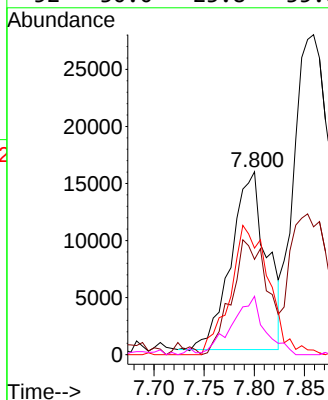
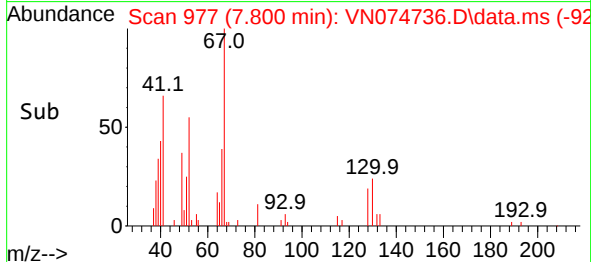
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 38640
Ion Ratio Lower Upper
41 100
39 64.3 43.3 64.9
67 78.7 60.2 90.2
52 30.0 23.8 35.8

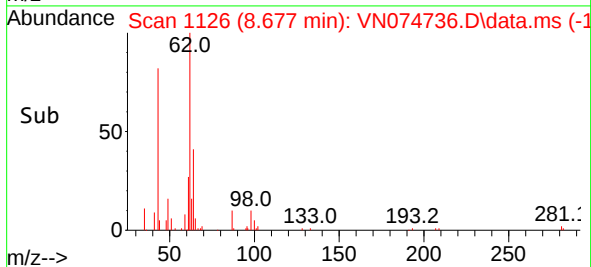
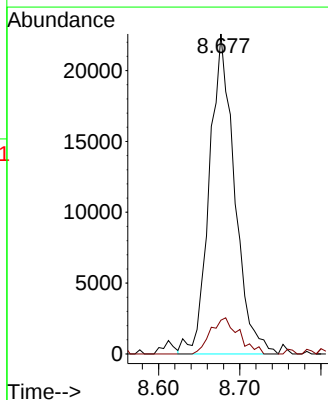
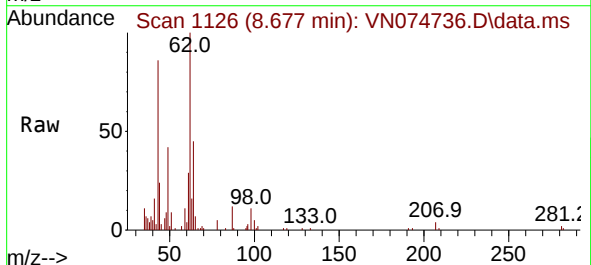
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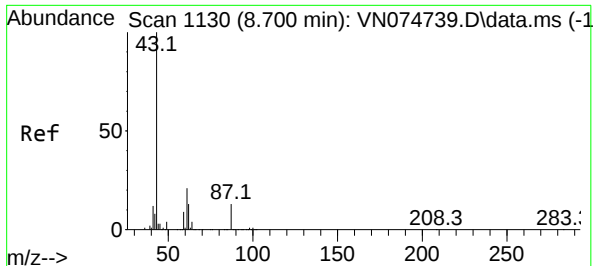
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 4.757 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 62 Resp: 48881
Ion Ratio Lower Upper
62 100
98 12.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 5.163 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 129428

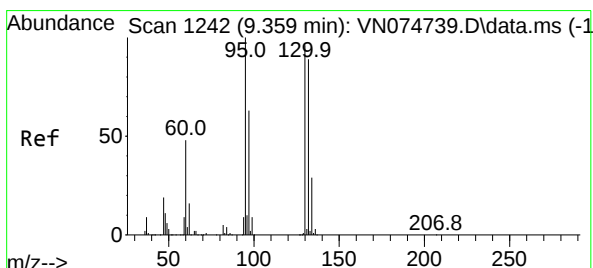
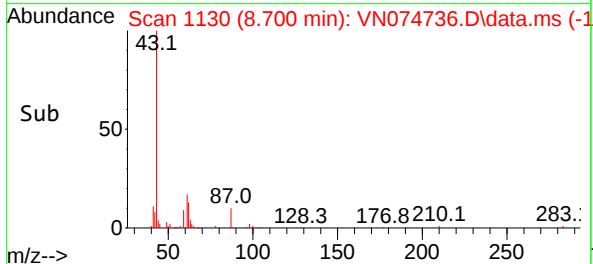
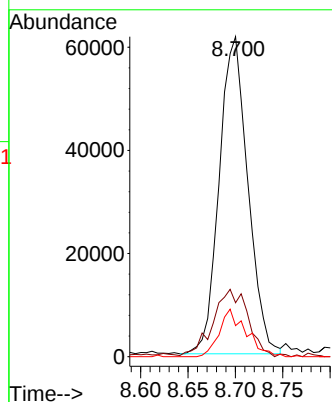
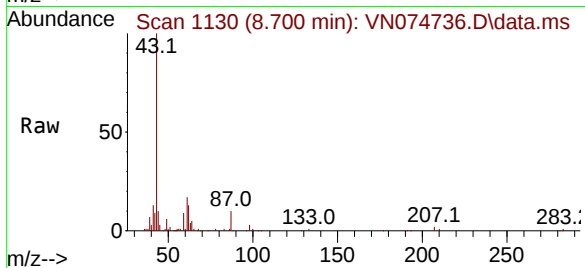
Ion	Ratio	Lower	Upper
43	100		
61	26.1	19.4	29.0
87	14.0	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#44

Trichloroethene

Concen: 5.071 ug/l

RT: 9.353 min Scan# 1241

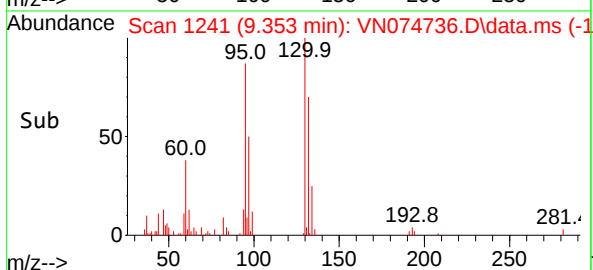
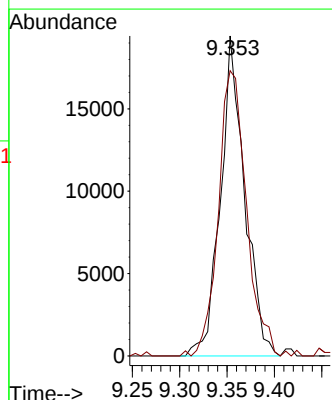
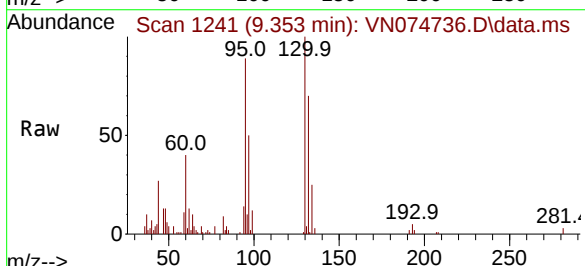
Delta R.T. -0.006 min

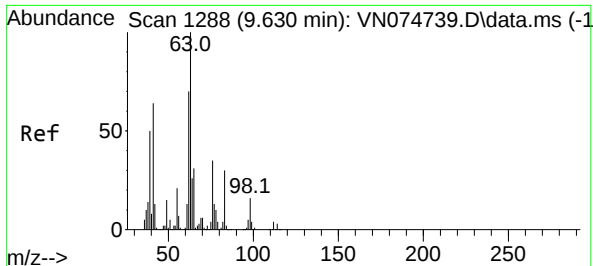
Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Tgt Ion:130 Resp: 34574

Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	207.6





#45

1,2-Dichloropropane

Concen: 5.245 ug/l

RT: 9.624 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 46498

Ion Ratio Lower Upper

63 100

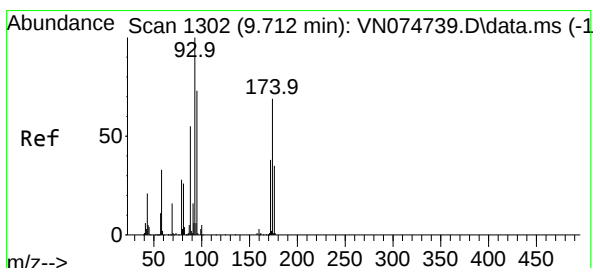
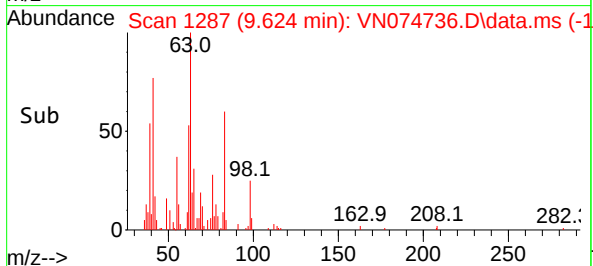
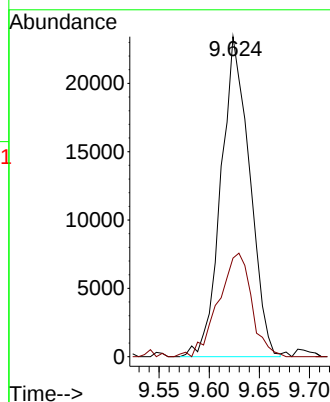
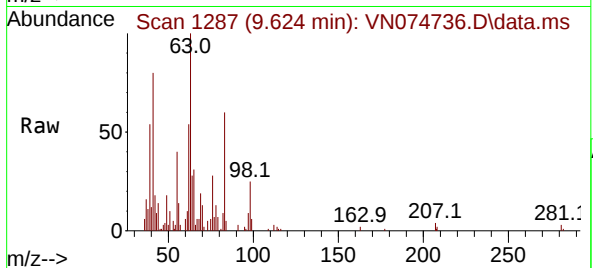
65 30.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 5.241 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

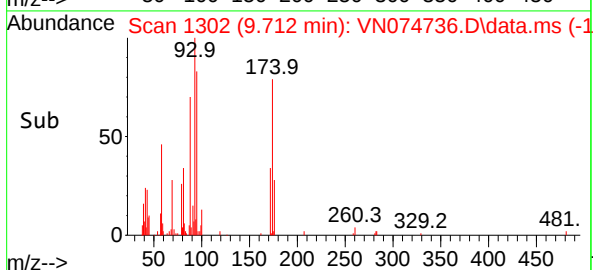
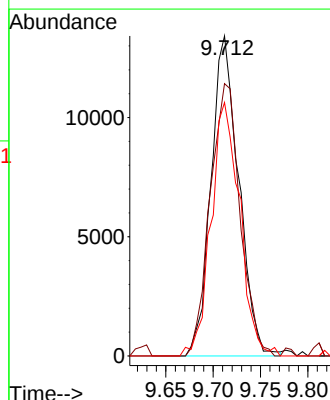
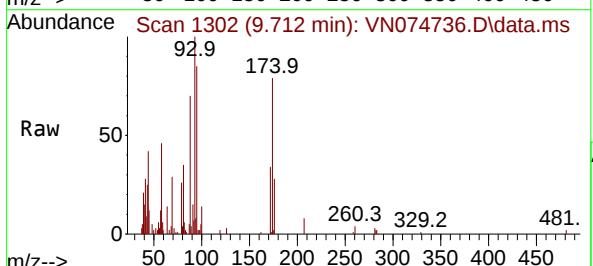
Tgt Ion: 93 Resp: 27260

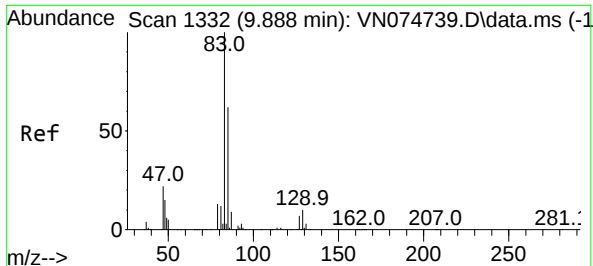
Ion Ratio Lower Upper

93 100

95 92.4 63.4 95.2

174 82.2 60.5 90.7





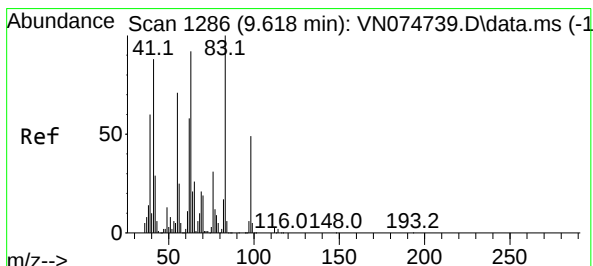
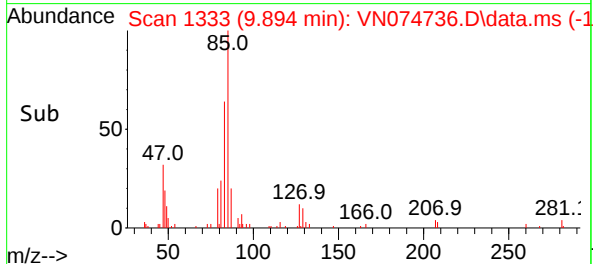
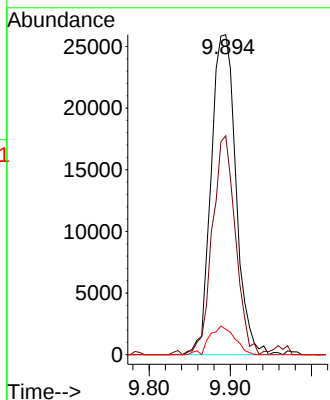
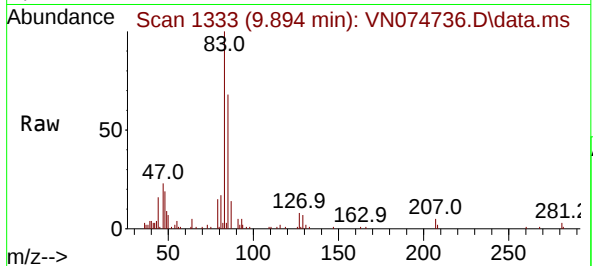
#47
Bromodichloromethane
Concen: 5.185 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 5509
Ion Ratio Lower Upper
83 100
85 67.1 49.7 74.5
127 7.9 5.8 8.8

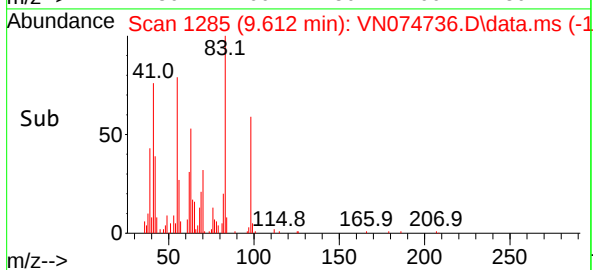
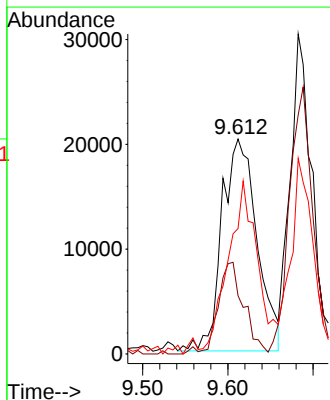
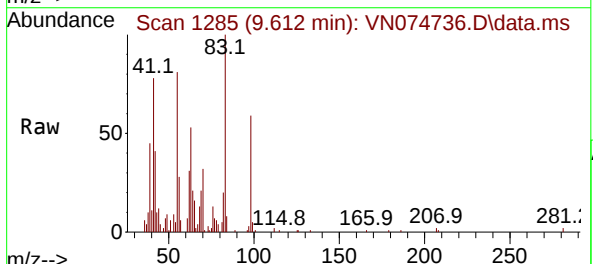
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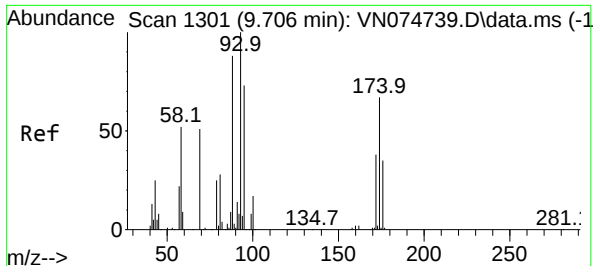
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 5.628 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 41 Resp: 57919
Ion Ratio Lower Upper
41 100
69 29.7 0.0 0.0#
39 66.9 54.4 81.6





#49

1,4-Dioxane

Concen: 104.426 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 2329

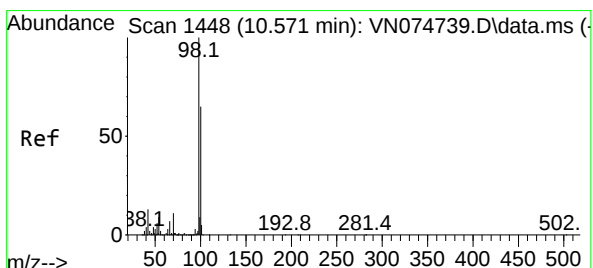
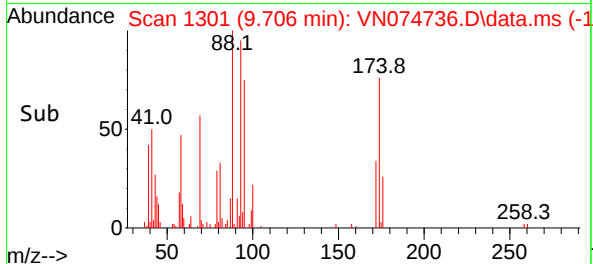
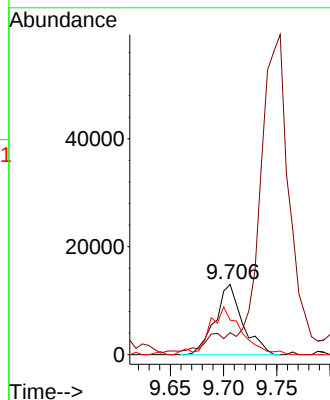
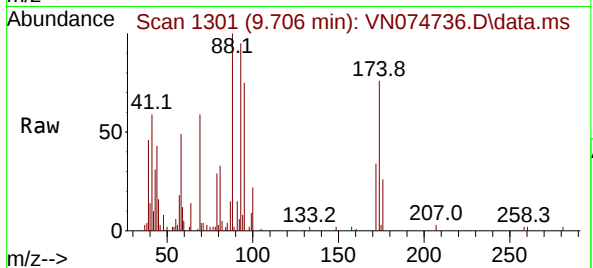
Ion	Ratio	Lower	Upper
88	100		
43	23.0	23.4	35.2
58	78.0	54.9	82.3

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 4.728 ug/l

RT: 10.571 min Scan# 1448

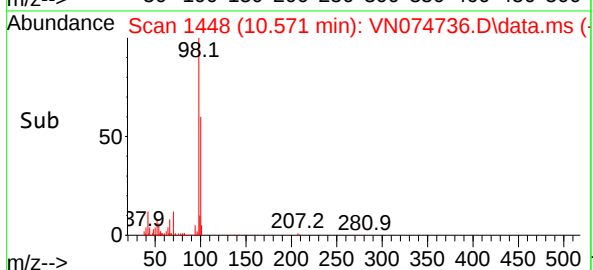
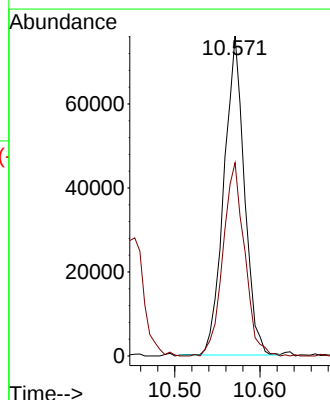
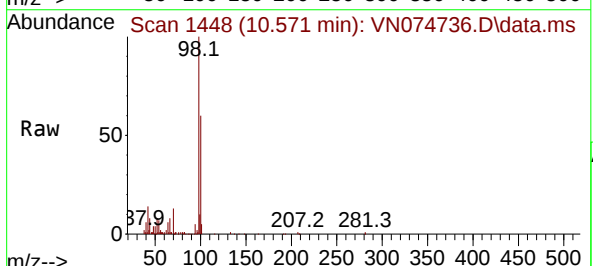
Delta R.T. -0.000 min

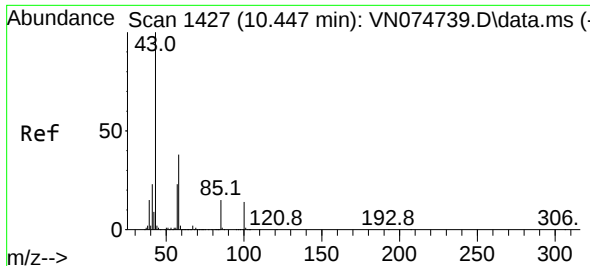
Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Tgt Ion: 98 Resp: 126755

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1





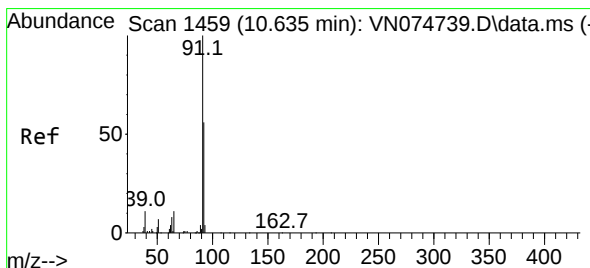
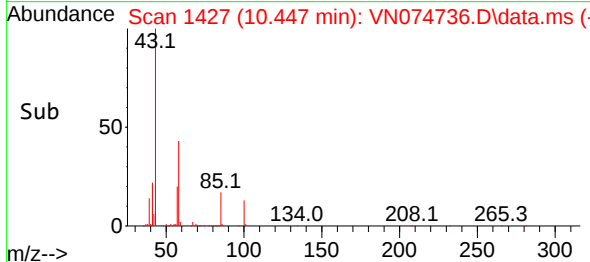
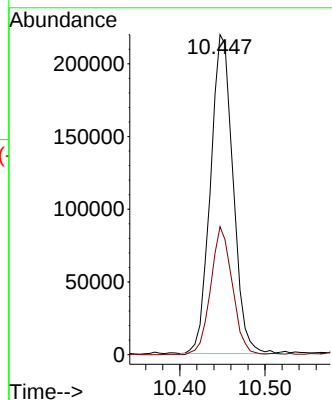
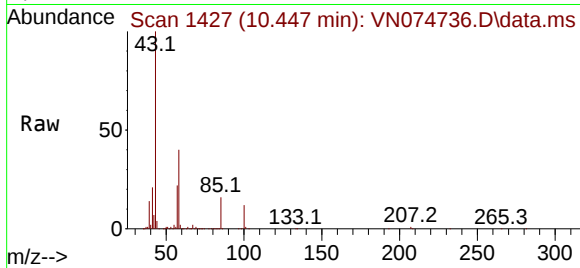
#51
4-Methyl-2-Pentanone
Concen: 25.005 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 40363
Ion Ratio Lower Upper
43 100
58 38.1 30.6 45.8

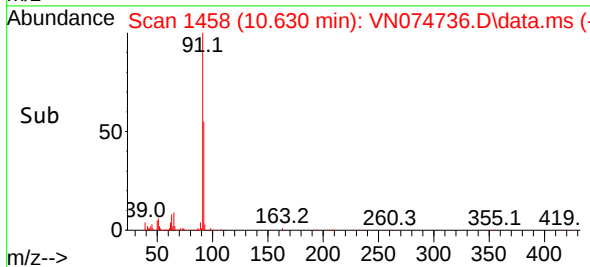
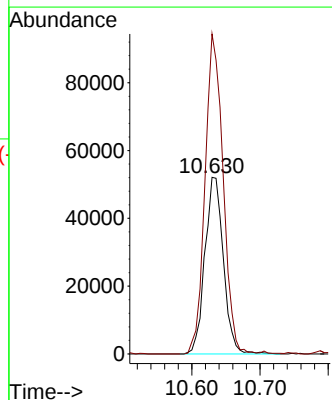
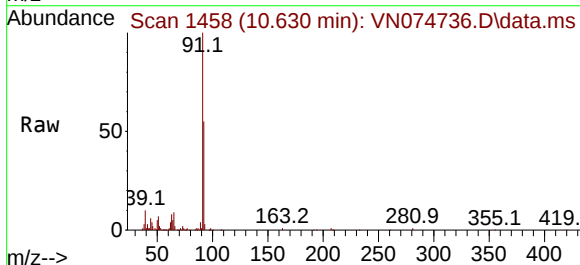
Manual Integrations
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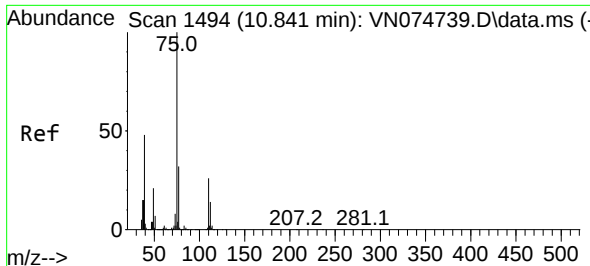
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 5.005 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 92 Resp: 98442
Ion Ratio Lower Upper
92 100
91 176.6 140.2 210.4





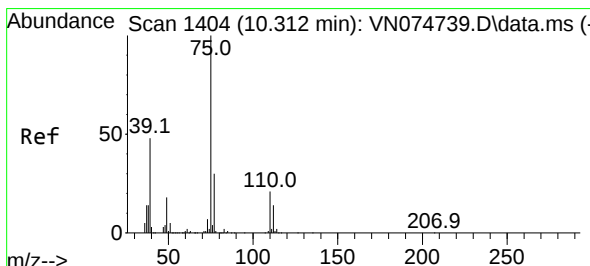
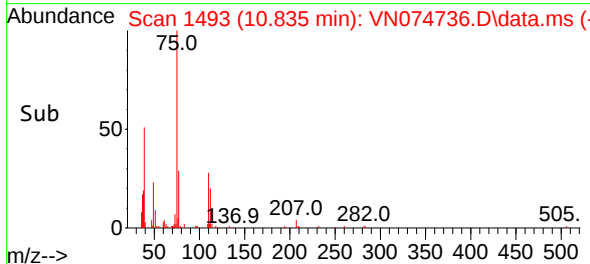
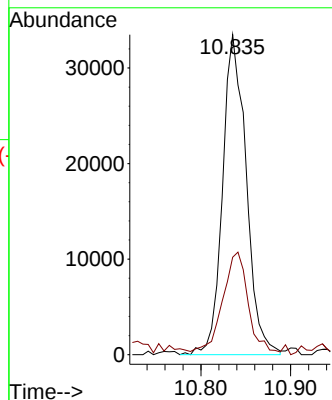
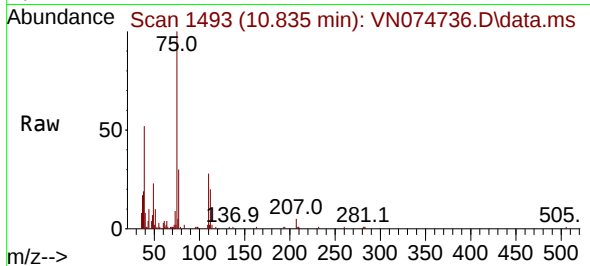
#53
 t-1,3-Dichloropropene
 Concen: 4.839 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 6127
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.0 39.0

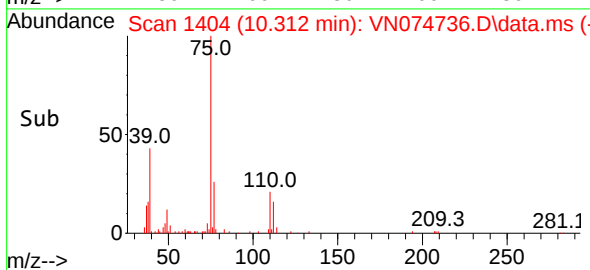
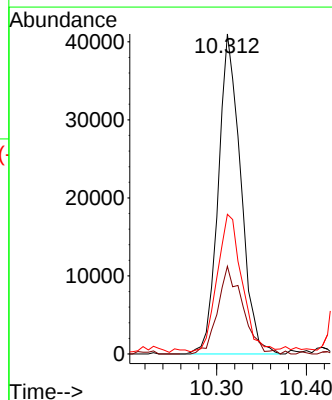
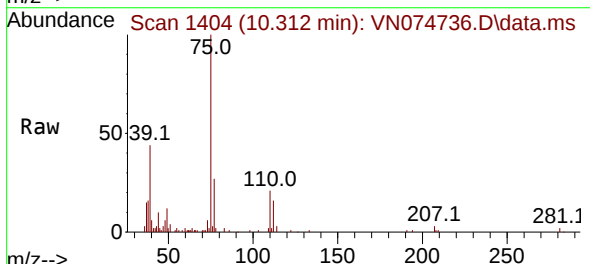
Manual Integrations
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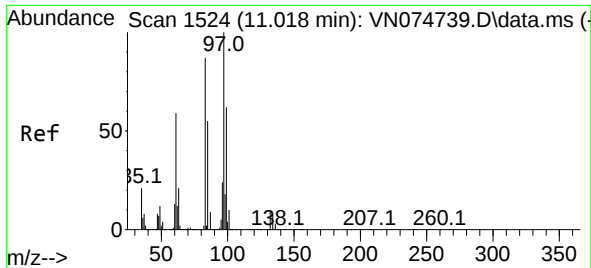
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#54
 cis-1,3-Dichloropropene
 Concen: 5.199 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

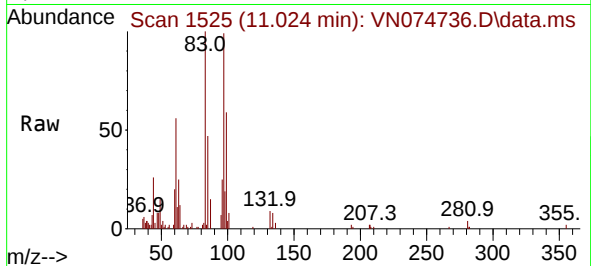
Tgt Ion: 75 Resp: 71076
 Ion Ratio Lower Upper
 75 100
 77 27.4 24.4 36.6
 39 42.4 38.6 57.8





#55
1,1,2-Trichloroethane
Concen: 4.943 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

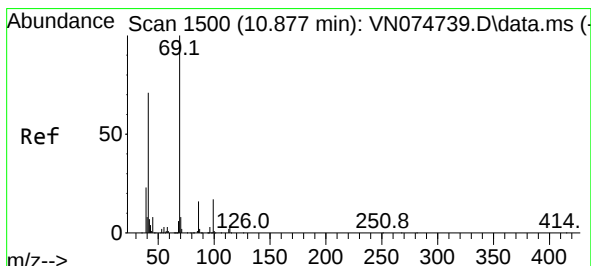
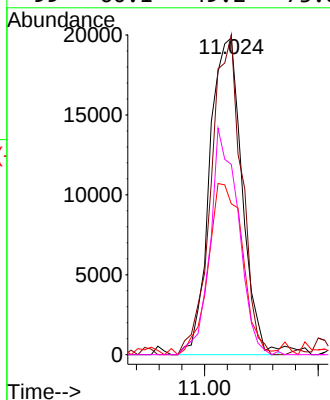
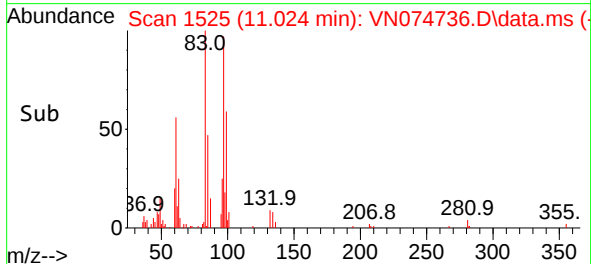
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



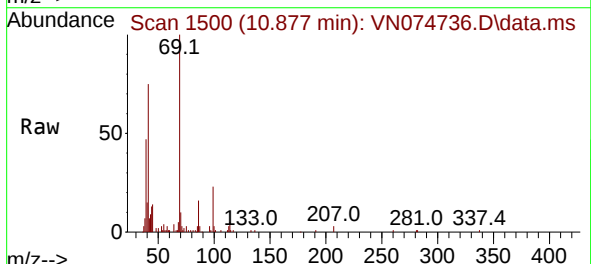
Tgt Ion: 97 Resp: 39089
Ion Ratio Lower Upper
97 100
83 101.0 69.7 104.5
85 47.6 43.8 65.6
99 60.1 49.2 73.8

Manual Integrations
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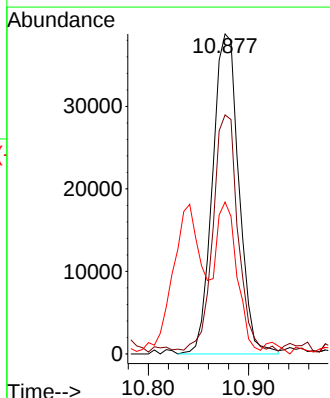
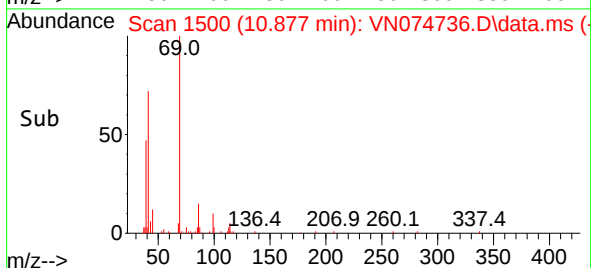
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

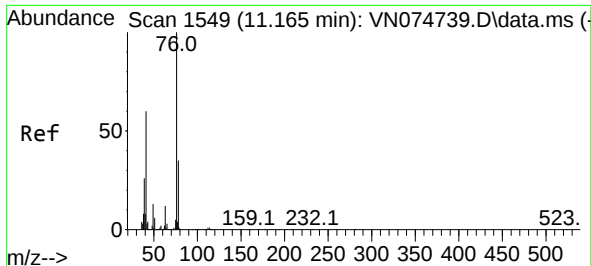


#56
Ethyl methacrylate
Concen: 4.908 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10



Tgt Ion: 69 Resp: 70693
Ion Ratio Lower Upper
69 100
41 69.4 54.9 82.3
39 38.6 31.5 47.3





#57

1,3-Dichloropropane

Concen: 4.994 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 7117

Ion Ratio Lower Upper

76 100

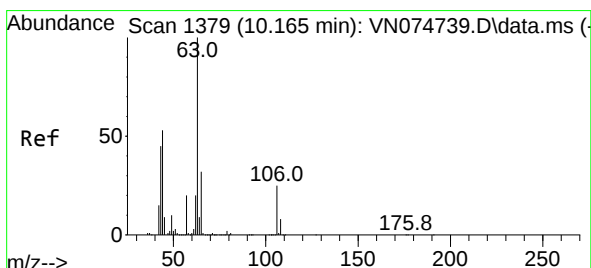
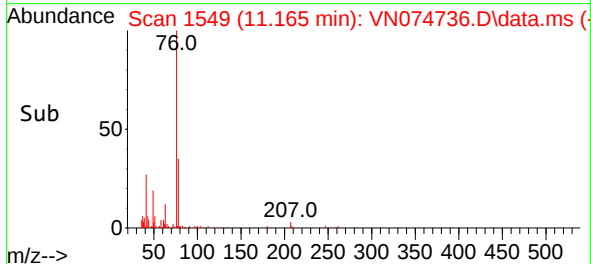
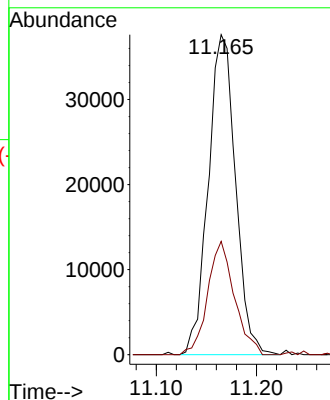
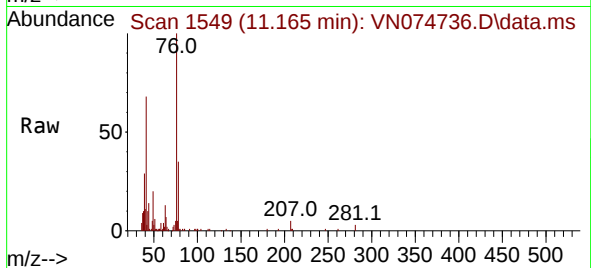
78 34.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.183 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074736.D

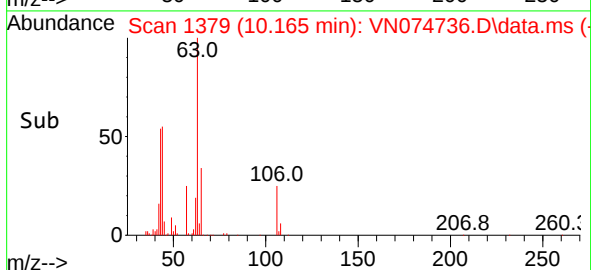
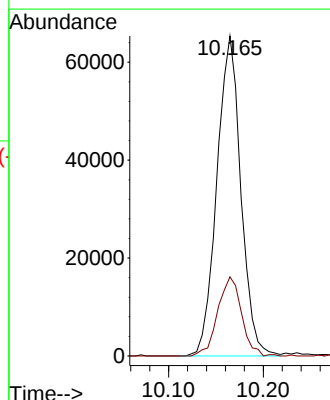
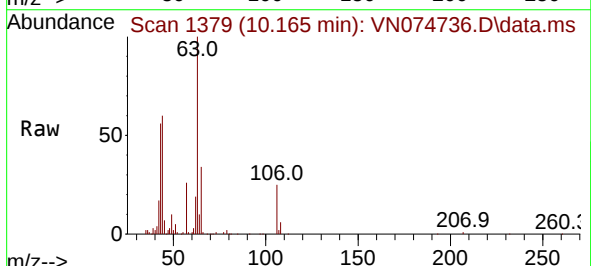
Acq: 05 Oct 2022 12:10

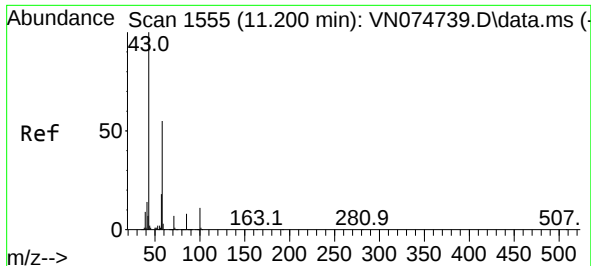
Tgt Ion: 63 Resp: 115233

Ion Ratio Lower Upper

63 100

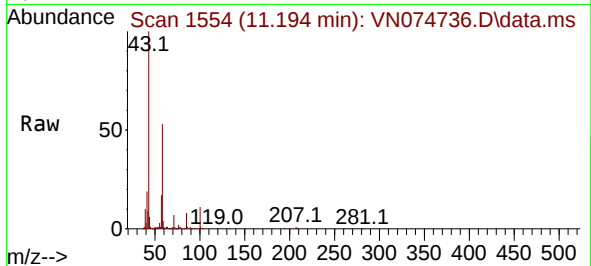
106 24.5 20.0 30.0





#59
2-Hexanone
Concen: 24.019 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

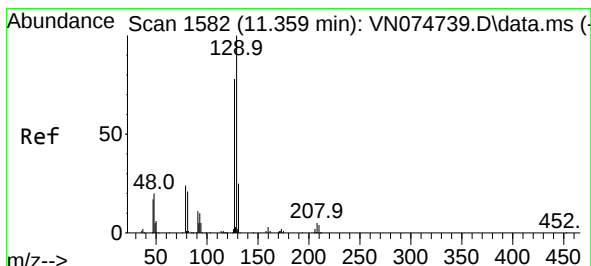
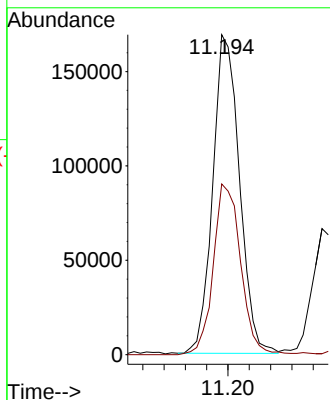
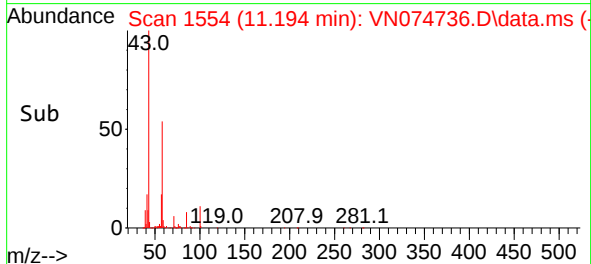
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 293262
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.9

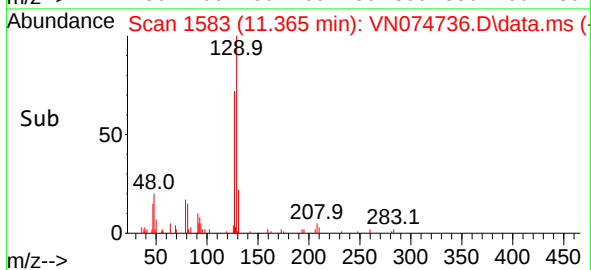
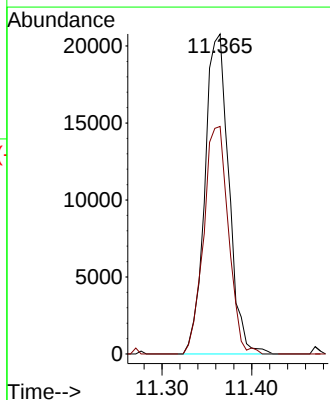
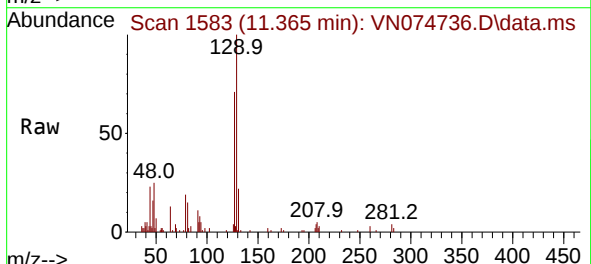
Manual Integrations
APPROVED

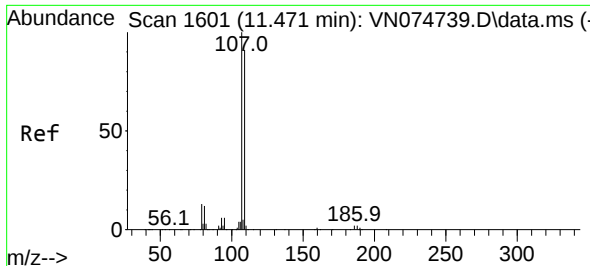
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 4.938 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:129 Resp: 38467
Ion Ratio Lower Upper
129 100
127 73.6 39.5 118.3





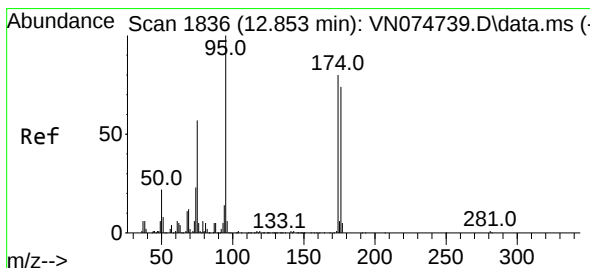
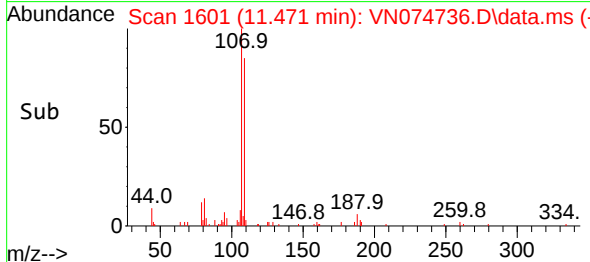
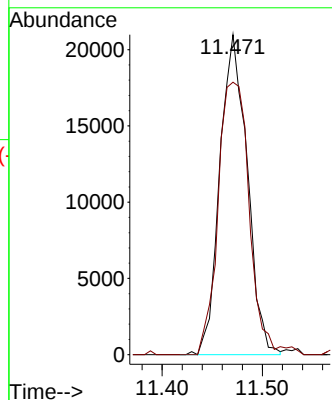
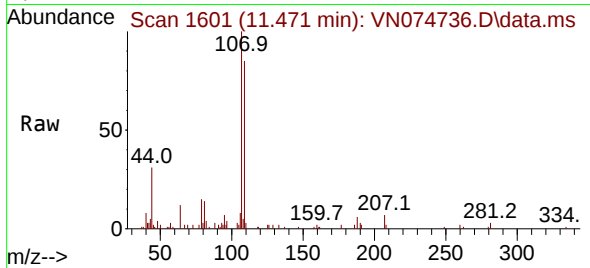
#61
1,2-Dibromoethane
Concen: 4.948 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 39789
Ion Ratio Lower Upper
107 100
109 97.3 74.2 111.2

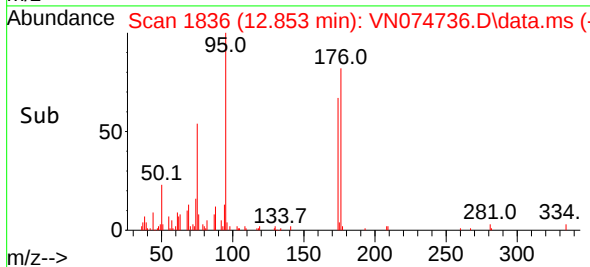
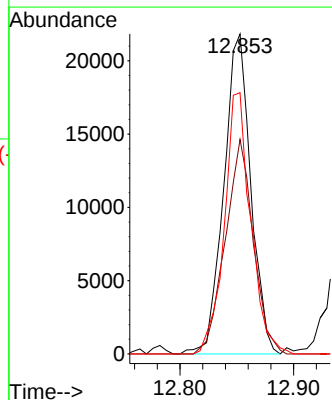
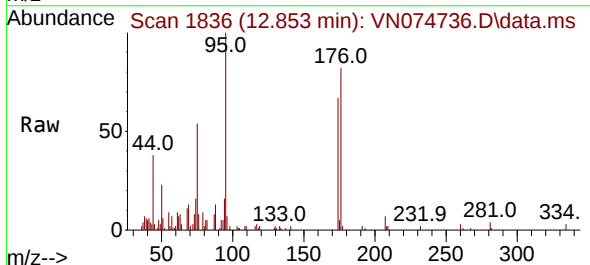
Manual Integrations
APPROVED

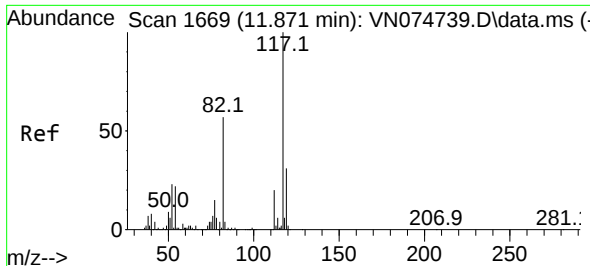
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#62
4-Bromofluorobenzene
Concen: 4.425 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

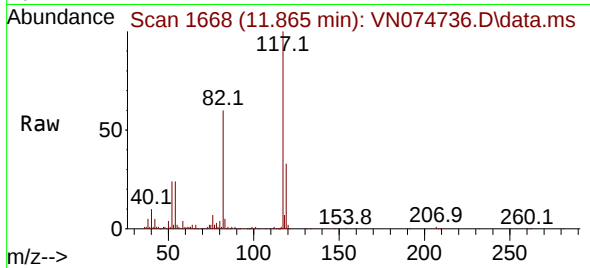
Tgt Ion: 95 Resp: 36058
Ion Ratio Lower Upper
95 100
174 69.7 0.0 149.4
176 79.8 0.0 142.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

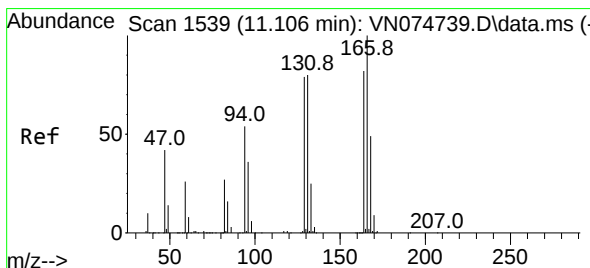
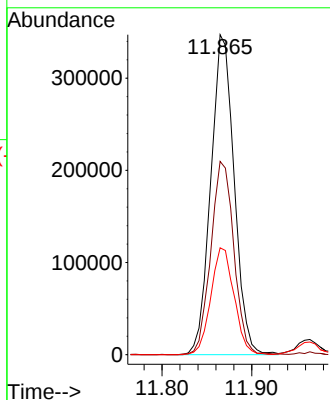
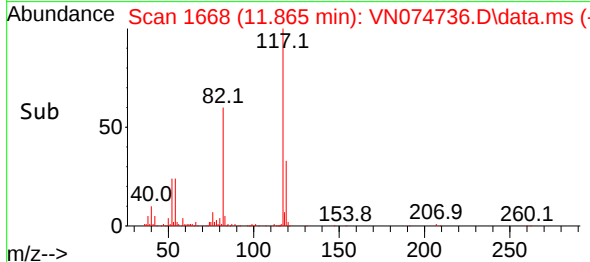
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 62892
Ion Ratio Lower Upper
117 100
82 60.4 45.4 68.2
119 33.4 25.1 37.7

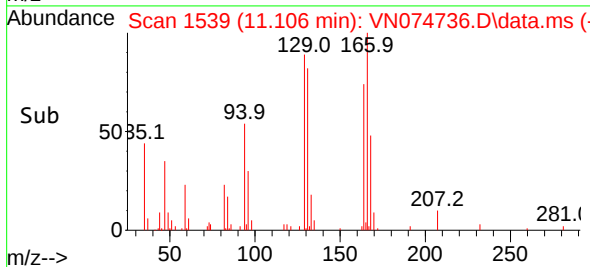
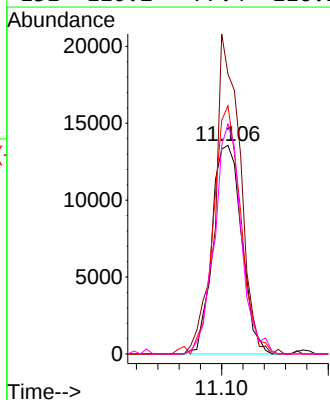
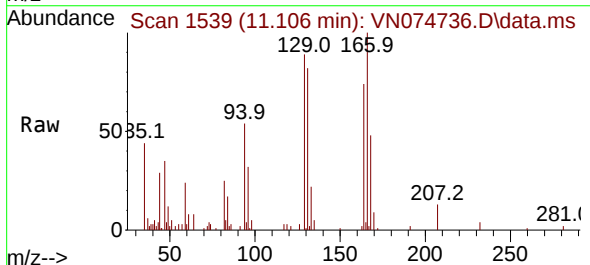
Manual Integrations
APPROVED

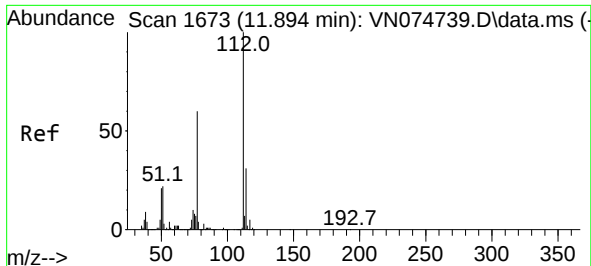
Reviewed By :John Carbone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 5.121 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:164 Resp: 26148
Ion Ratio Lower Upper
164 100
166 134.2 97.0 145.6
129 119.0 77.0 115.6#
131 110.2 77.4 116.2





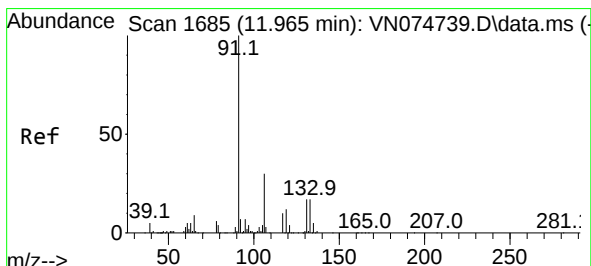
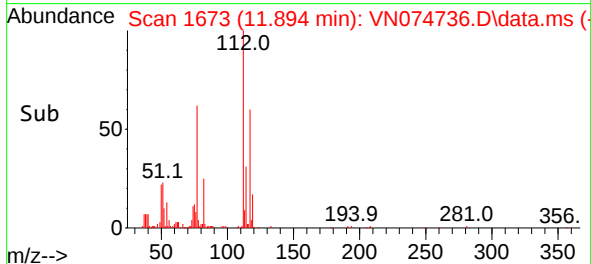
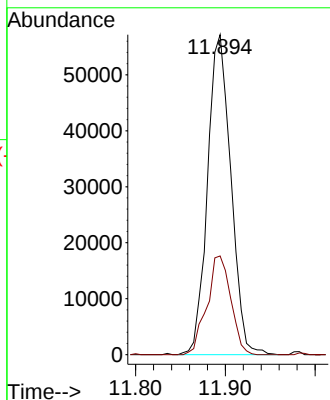
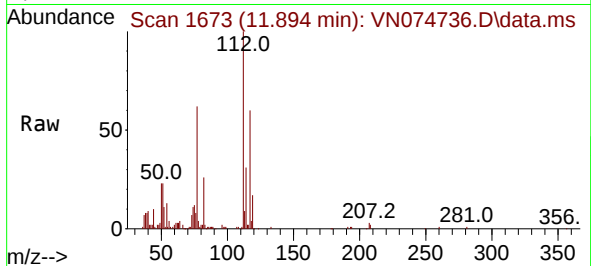
#65
Chlorobenzene
Concen: 5.364 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 103350
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

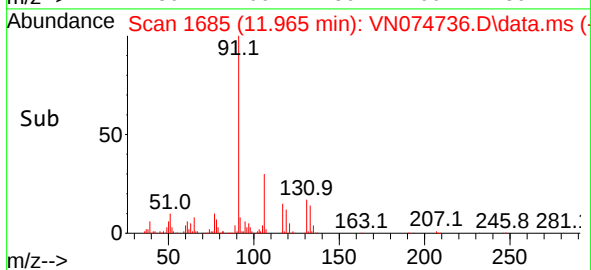
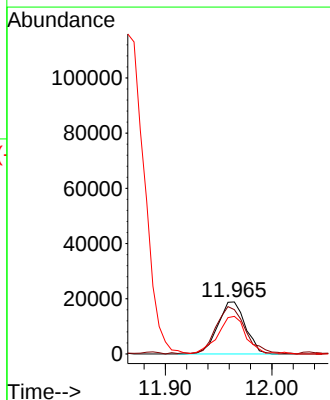
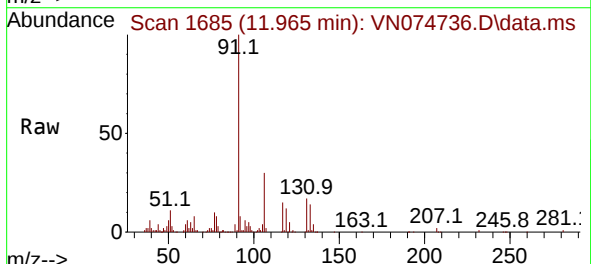
Manual Integrations
APPROVED

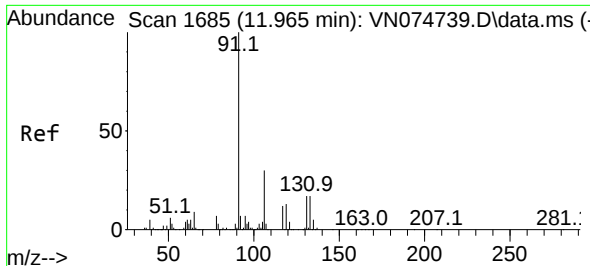
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.805 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:131 Resp: 33805
Ion Ratio Lower Upper
131 100
133 98.1 47.6 142.9
119 74.7 34.8 104.3





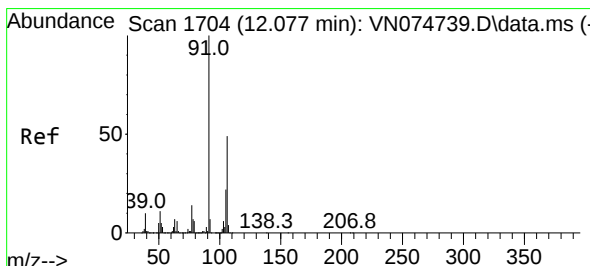
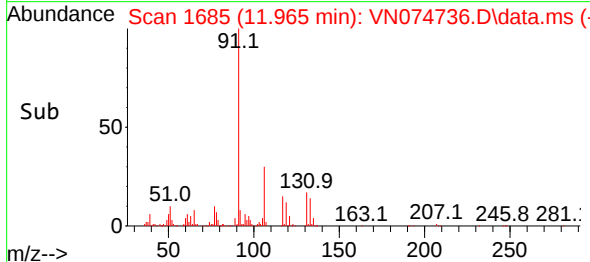
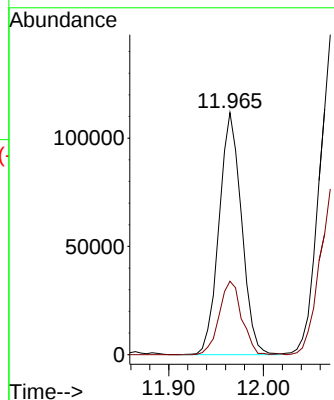
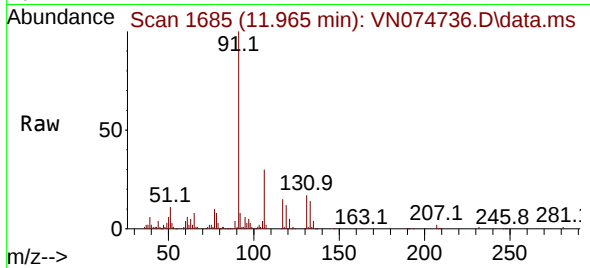
#67
Ethyl Benzene
Concen: 5.145 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 184764
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

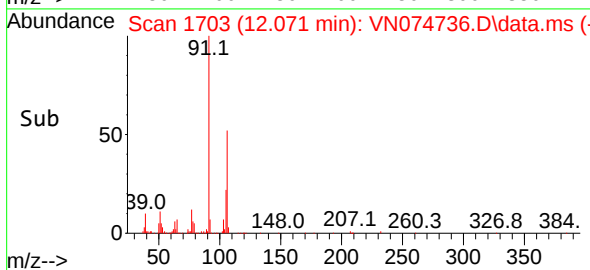
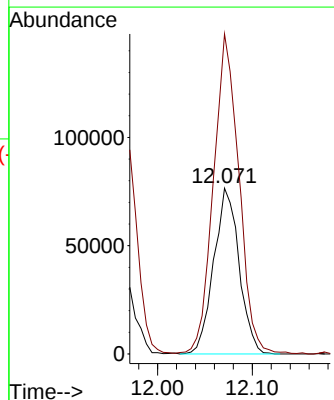
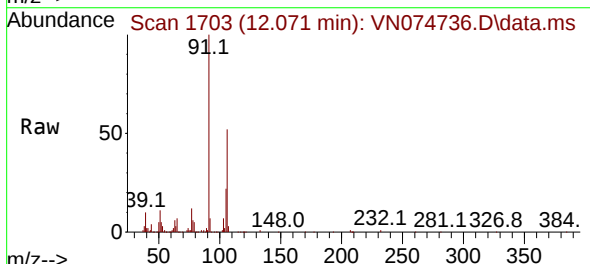
Manual Integrations
APPROVED

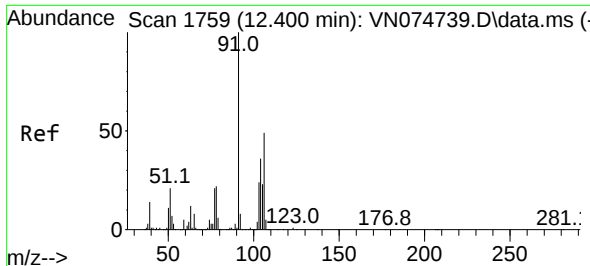
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#68
m/p-Xylenes
Concen: 10.552 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

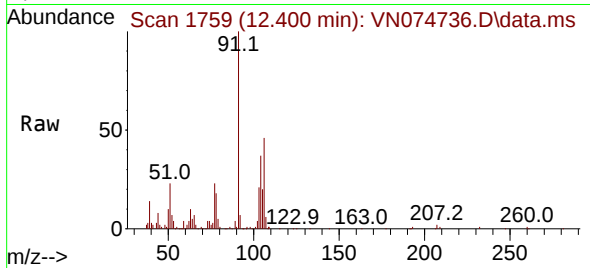
Tgt Ion:106 Resp: 142255
Ion Ratio Lower Upper
106 100
91 194.2 164.2 246.4





#69
o-Xylene
Concen: 5.220 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

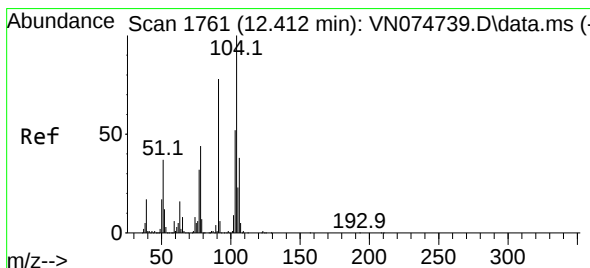
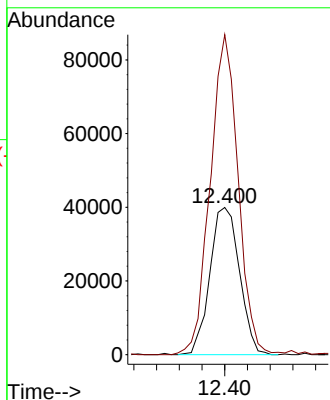
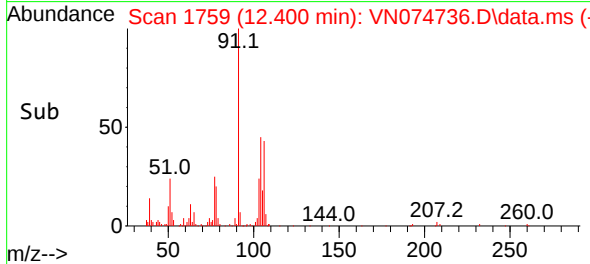
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



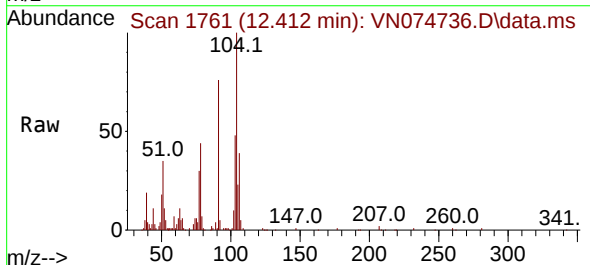
Tgt Ion:106 Resp: 72193
Ion Ratio Lower Upper
106 100
91 205.5 105.4 316.1

Manual Integrations
APPROVED

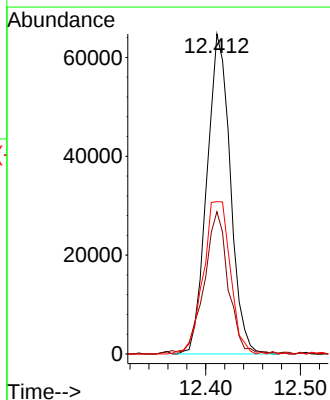
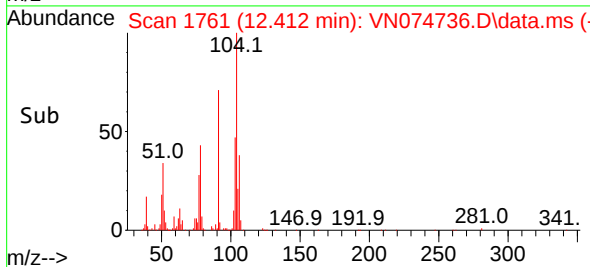
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

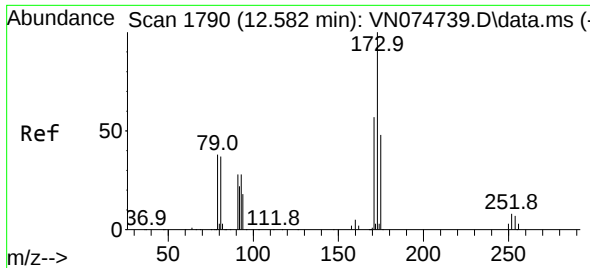


#70
Styrene
Concen: 5.104 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10



Tgt Ion:104 Resp: 111293
Ion Ratio Lower Upper
104 100
78 45.8 39.7 59.5
103 54.9 44.7 67.1





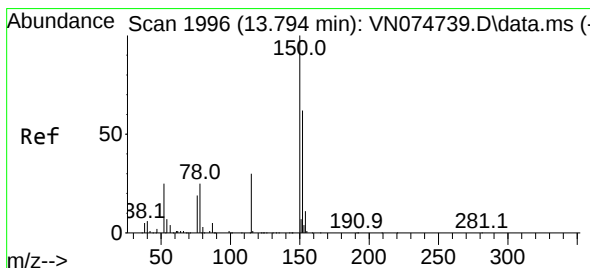
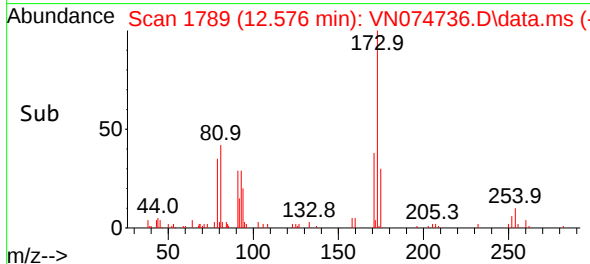
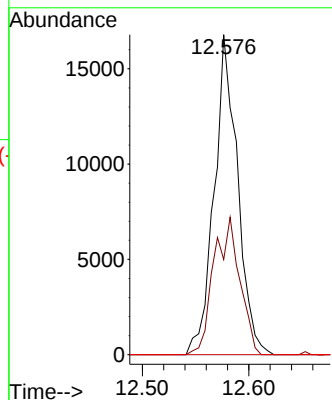
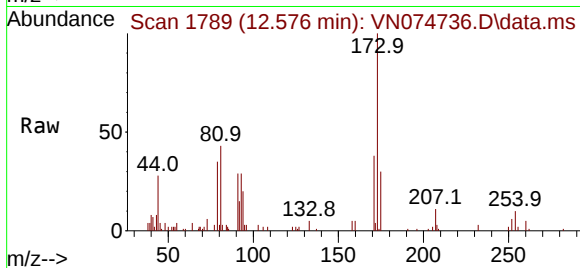
#71
Bromoform
Concen: 4.764 ug/l
RT: 12.576 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 25564
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.7
254 0.0 0.1 0.1

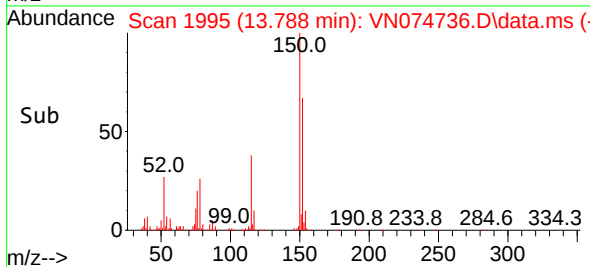
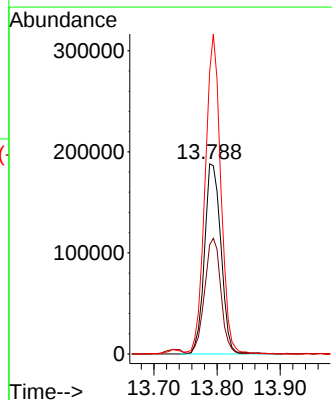
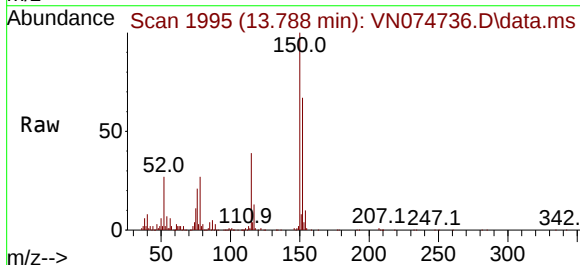
Manual Integrations
APPROVED

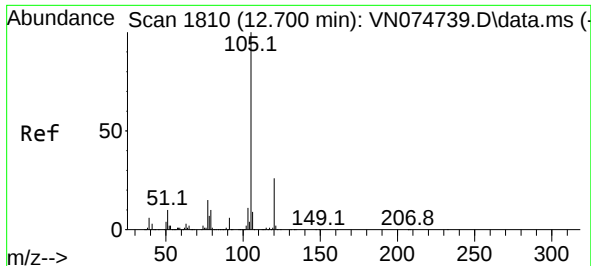
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:152 Resp: 339994
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 159.2 0.0 356.4





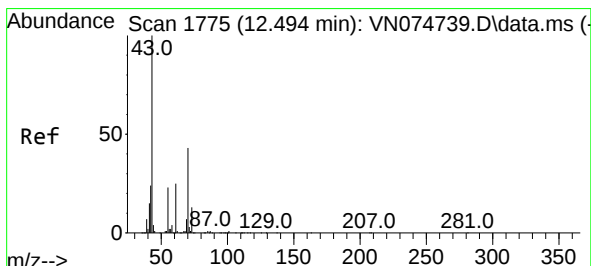
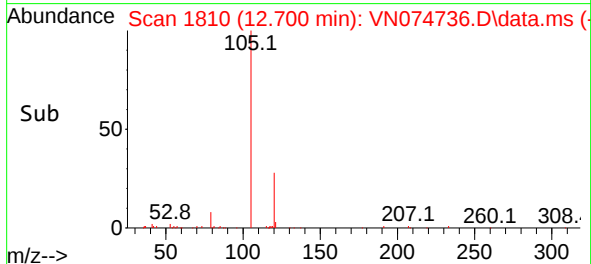
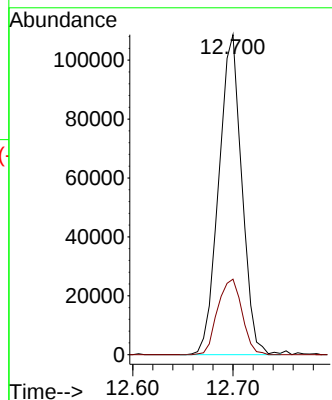
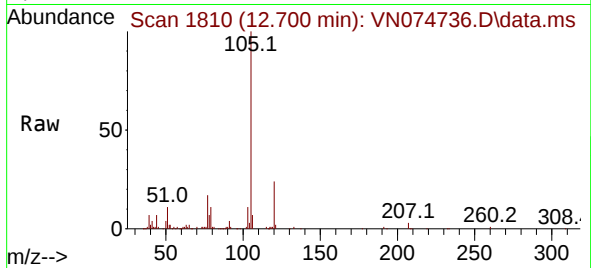
#73
Isopropylbenzene
Concen: 5.283 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 17285
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.3

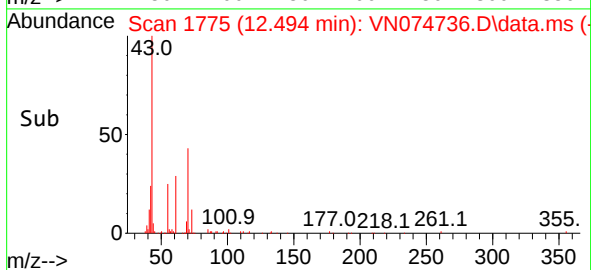
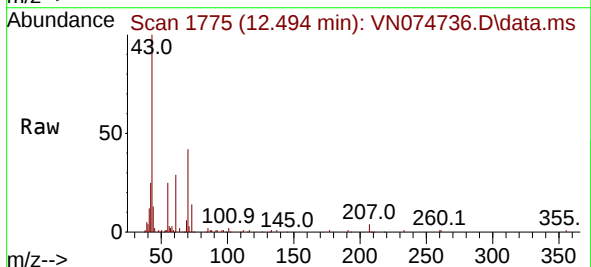
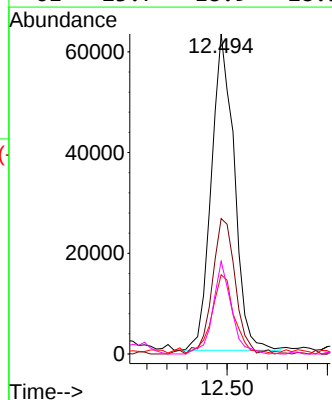
Manual Integrations
APPROVED

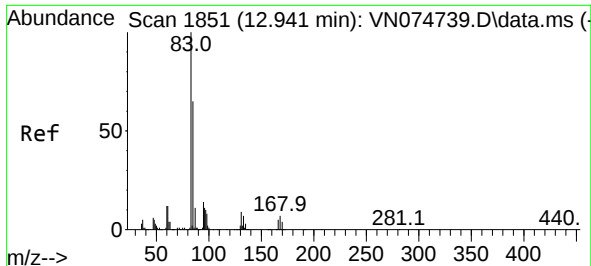
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#74
N-ethyl acetate
Concen: 5.027 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

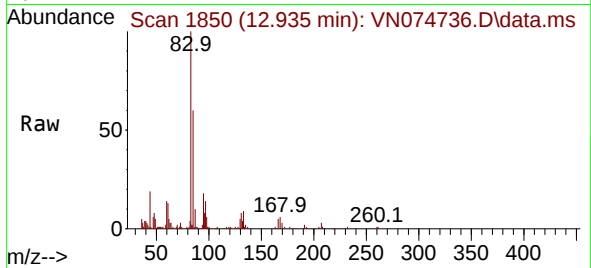
Tgt Ion: 43 Resp: 99449
Ion Ratio Lower Upper
43 100
70 43.1 32.9 49.3
55 23.4 17.8 26.6
61 23.7 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.218 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

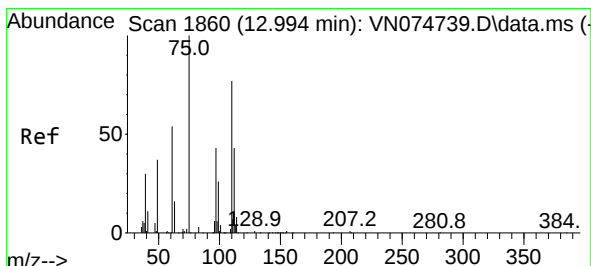
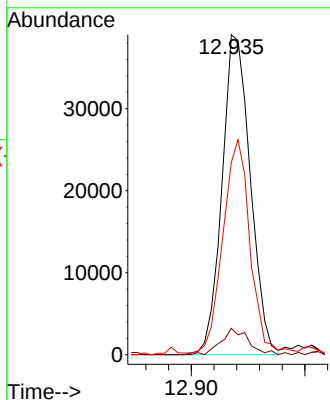
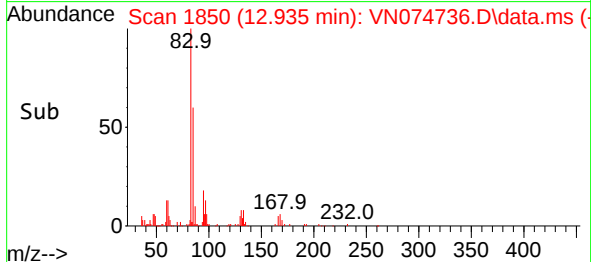
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 6757
Ion Ratio Lower Upper
83 100
131 7.9 4.3 12.8
85 63.4 32.9 98.6

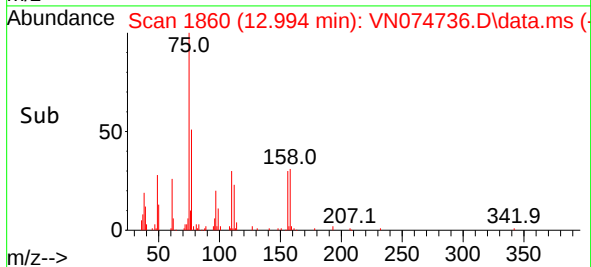
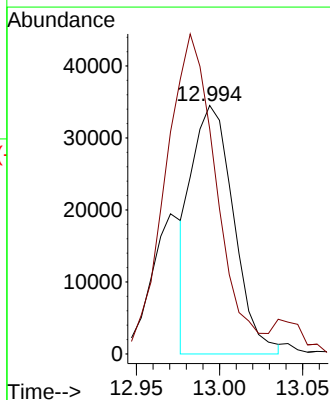
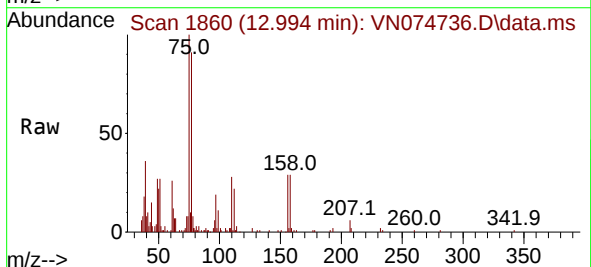
Manual Integrations
APPROVED

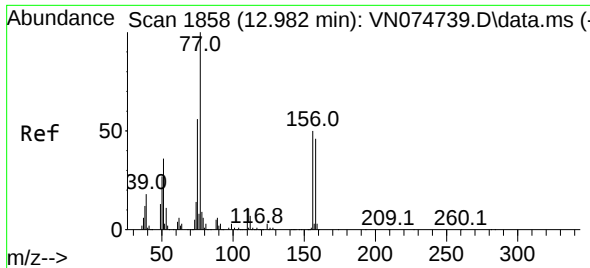
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 5.745 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 75 Resp: 60690
Ion Ratio Lower Upper
75 100
77 156.8 76.9 230.7





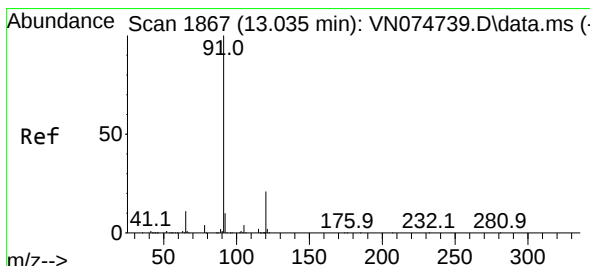
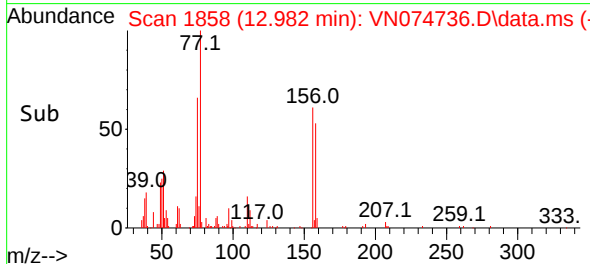
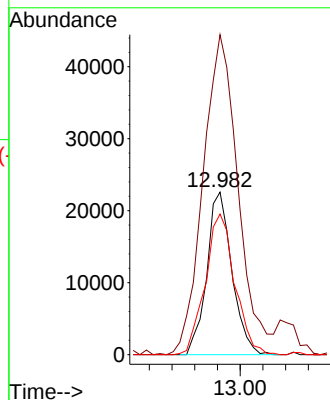
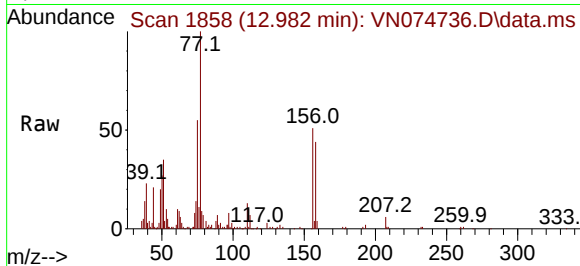
#77
Bromobenzene
Concen: 5.124 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 3463
Ion Ratio Lower Upper
156 100
77 274.8 124.7 374.1
158 101.7 48.3 144.9

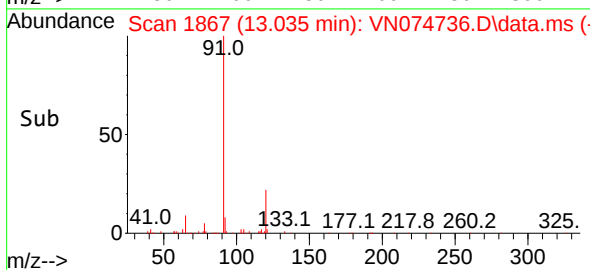
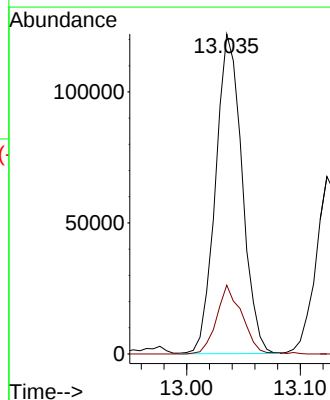
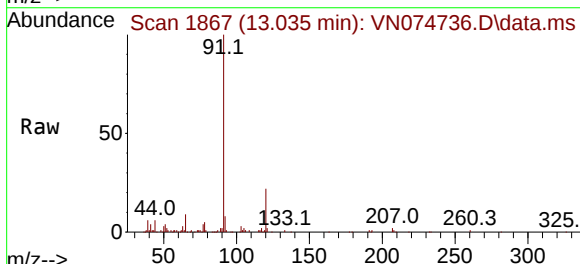
Manual Integrations
APPROVED

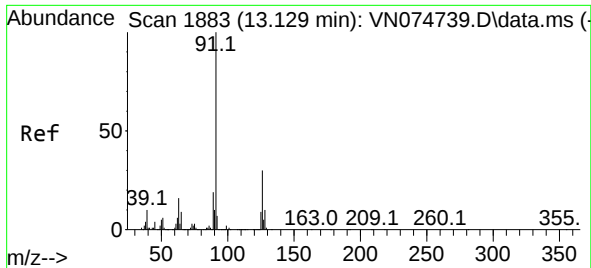
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#78
n-propylbenzene
Concen: 5.246 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 91 Resp: 197721
Ion Ratio Lower Upper
91 100
120 20.7 10.8 32.4





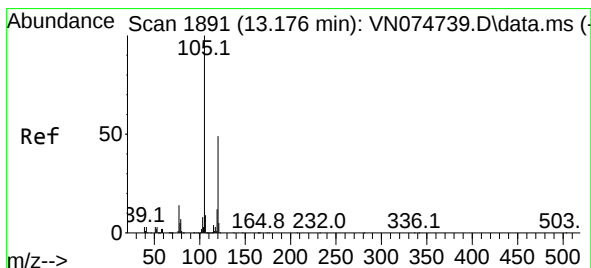
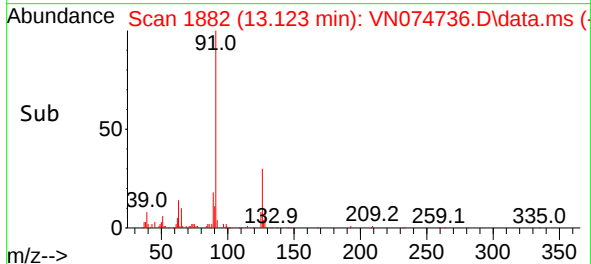
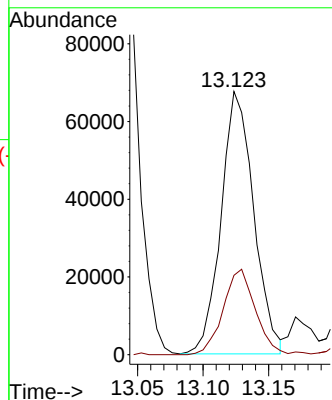
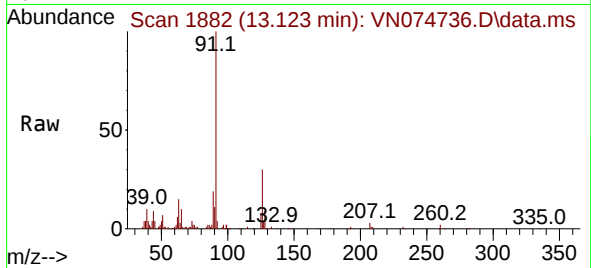
#79
2-Chlorotoluene
Concen: 5.123 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 11709
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.0

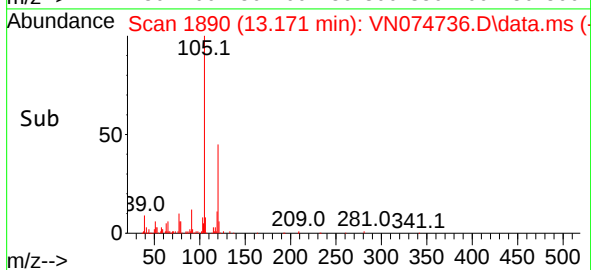
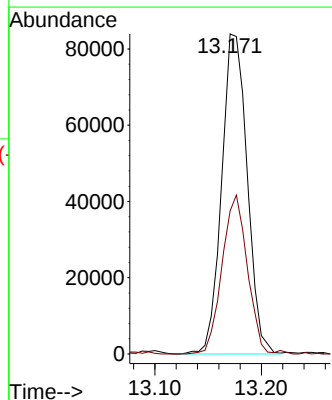
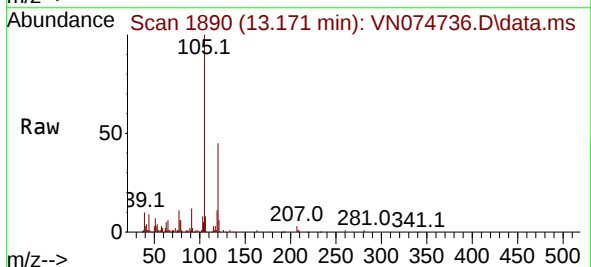
Manual Integrations
APPROVED

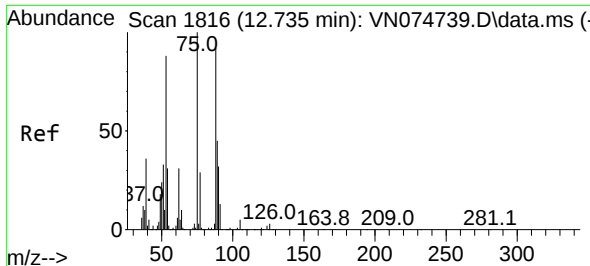
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.359 ug/l
RT: 13.171 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:105 Resp: 139832
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





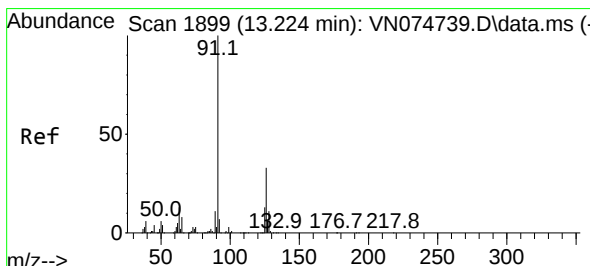
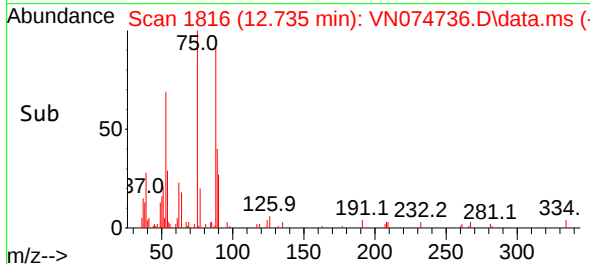
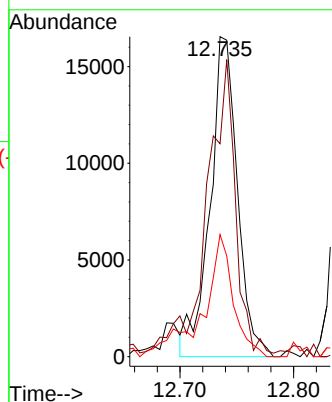
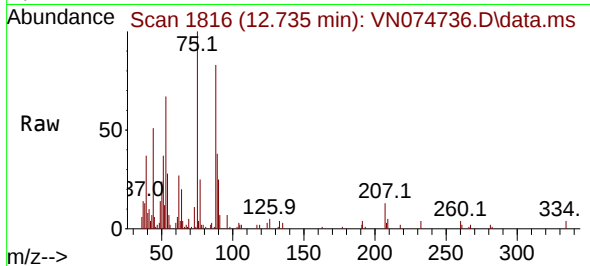
#81
trans-1,4-Dichloro-2-butene
Concen: 5.336 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2779
Ion Ratio Lower Upper
75 100
53 99.2 71.4 107.0
89 42.2 32.1 48.1

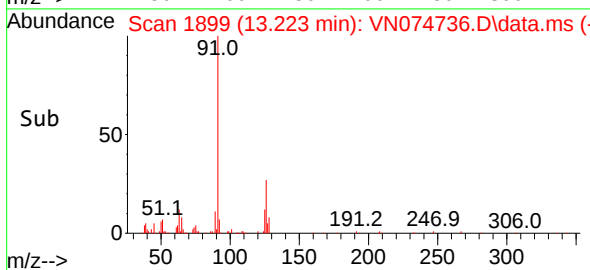
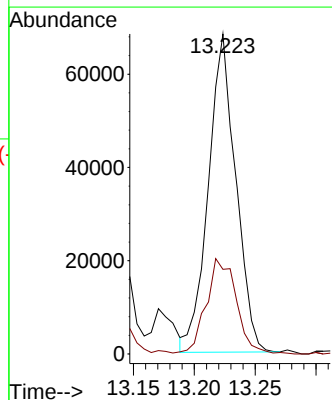
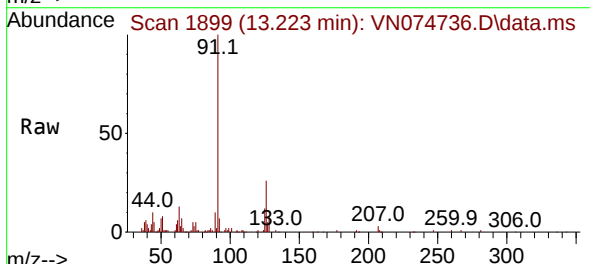
Manual Integrations
APPROVED

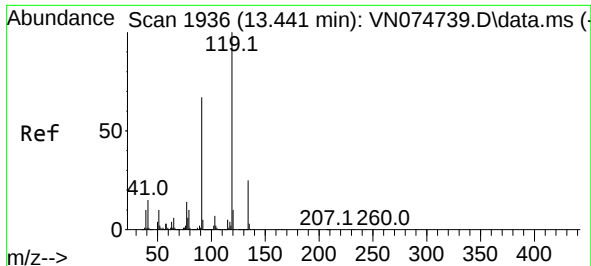
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 5.050 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

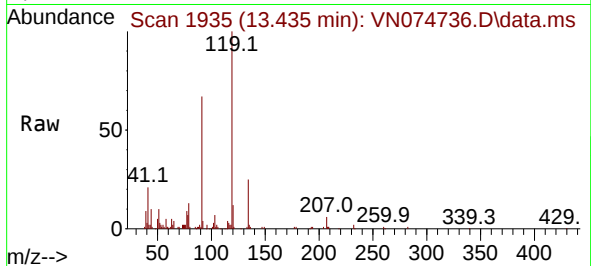
Tgt Ion: 91 Resp: 107013
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2





#83
tert-Butylbenzene
Concen: 5.183 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

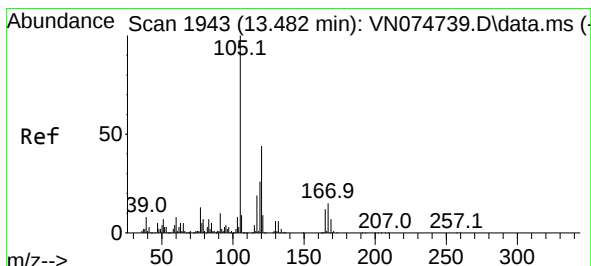
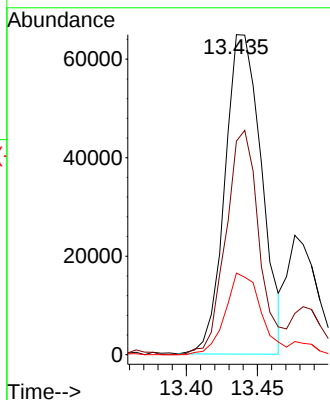
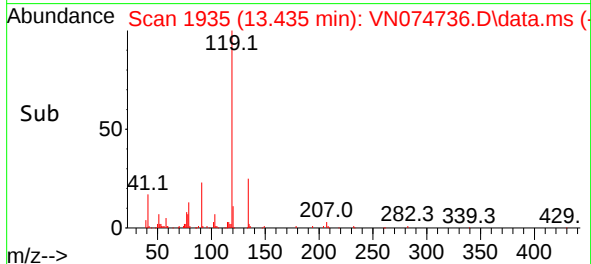
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:119 Resp: 116864
Ion Ratio Lower Upper
119 100
91 64.7 33.0 98.9
134 24.9 13.2 39.5

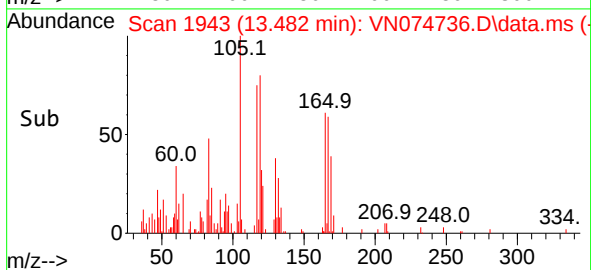
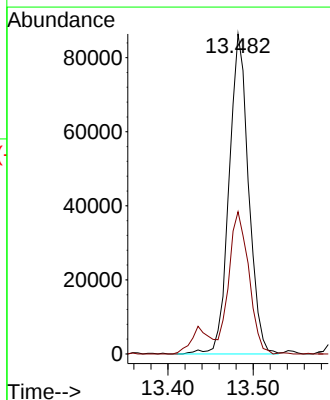
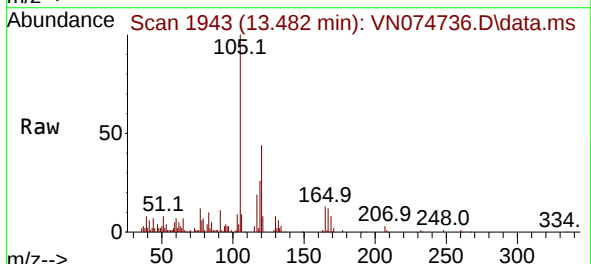
Manual Integrations
APPROVED

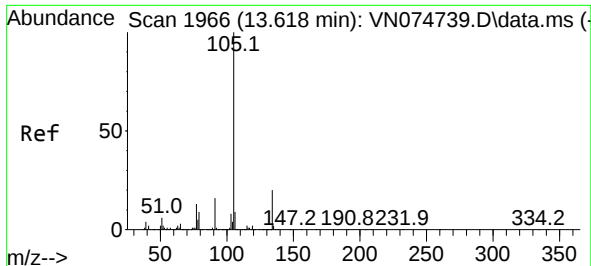
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.210 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

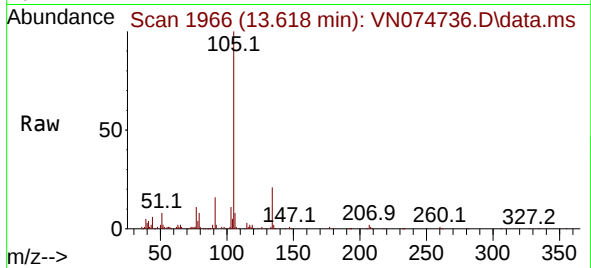
Tgt Ion:105 Resp: 137450
Ion Ratio Lower Upper
105 100
120 44.6 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 5.146 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10

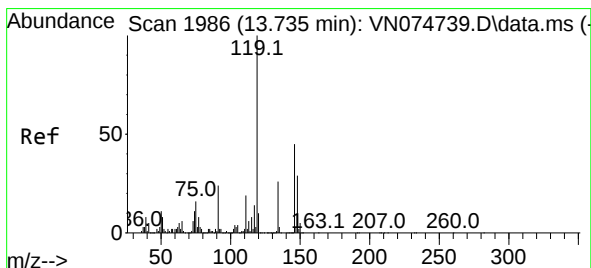
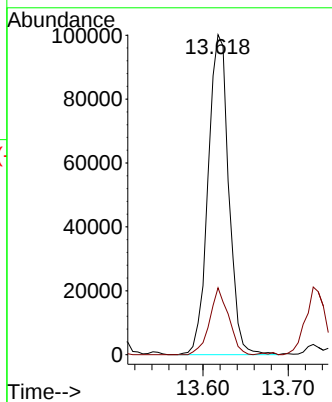
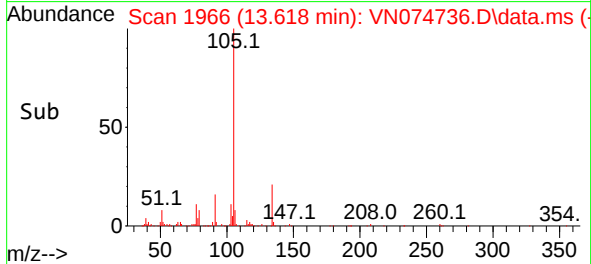
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



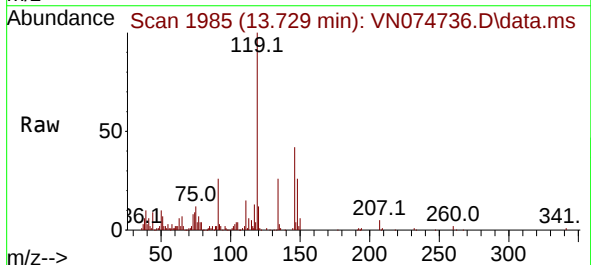
Tgt Ion:105 Resp: 168619
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.4 28.2

Manual Integrations
 APPROVED

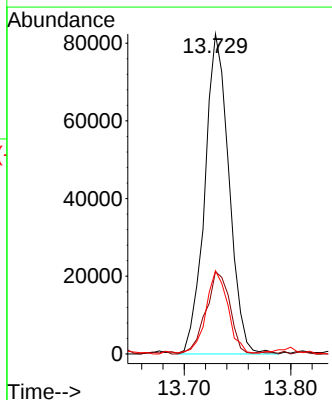
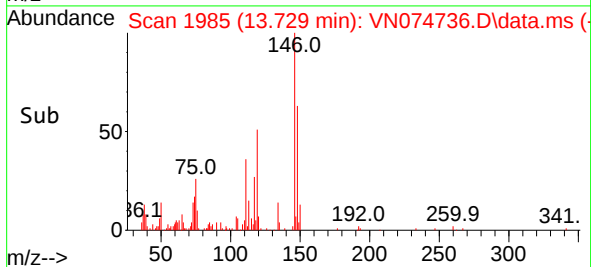
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

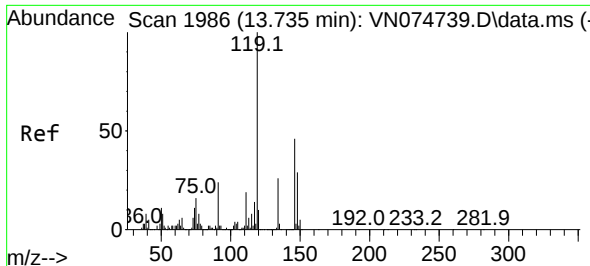


#86
 p-Isopropyltoluene
 Concen: 5.145 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074736.D
 Acq: 05 Oct 2022 12:10



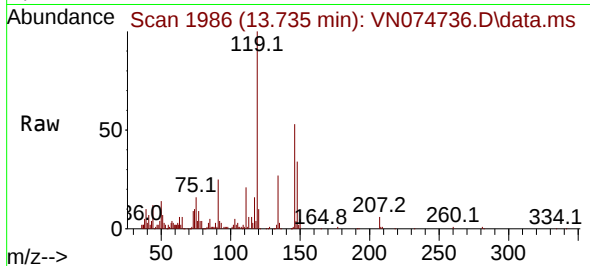
Tgt Ion:119 Resp: 130092
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.1 39.1
 91 24.2 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 4.961 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

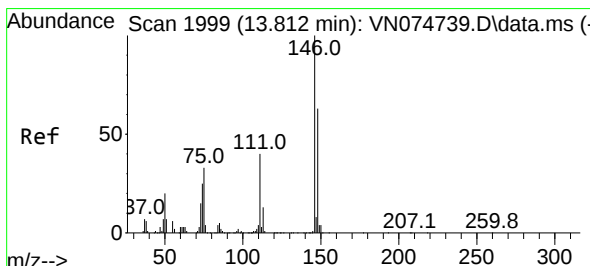
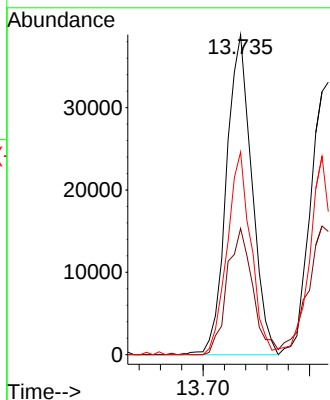
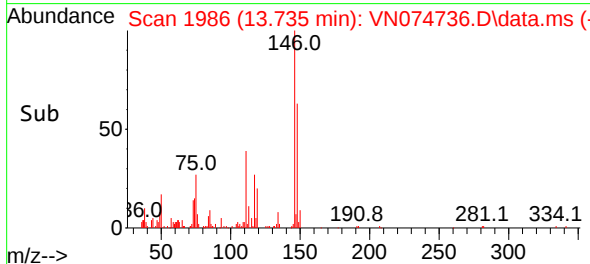
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



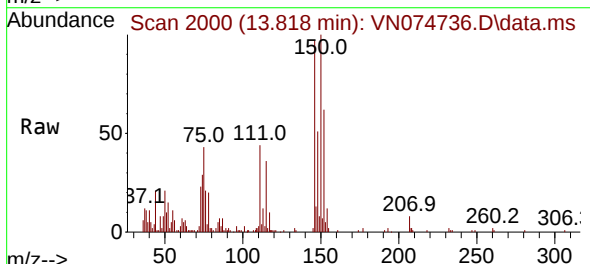
Tgt Ion:146 Resp: 6437
Ion Ratio Lower Upper
146 100
111 39.9 20.8 62.2
148 59.4 31.5 94.5

Manual Integrations
APPROVED

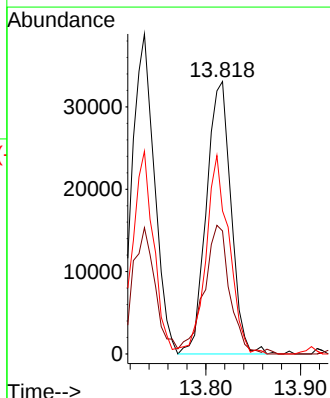
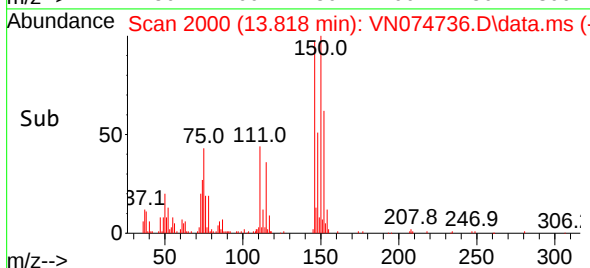
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

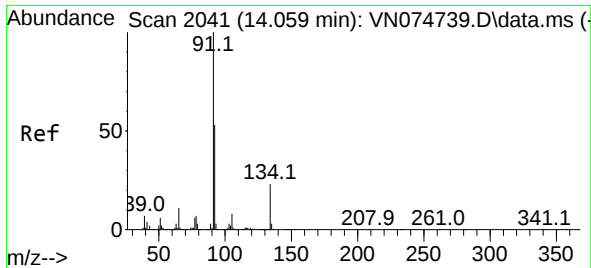


#88
1,4-Dichlorobenzene
Concen: 4.860 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10



Tgt Ion:146 Resp: 59568
Ion Ratio Lower Upper
146 100
111 48.1 19.9 59.6
148 68.6 31.8 95.4





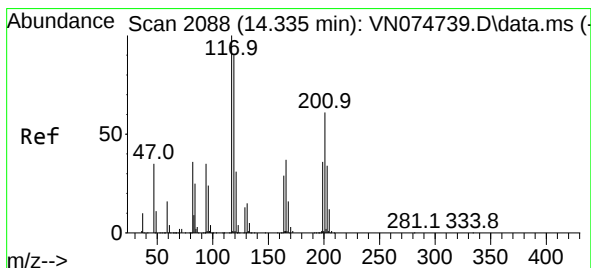
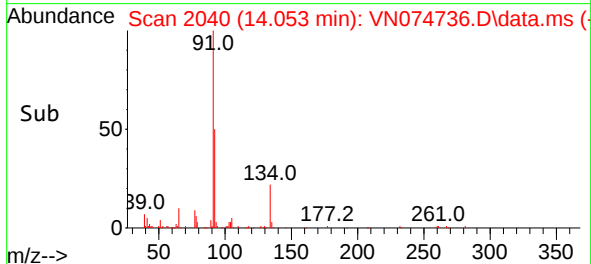
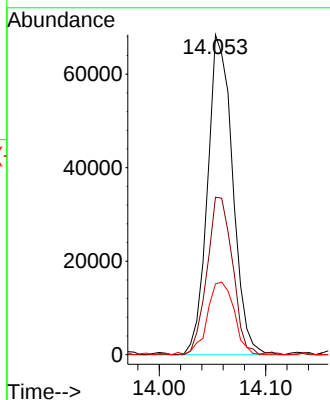
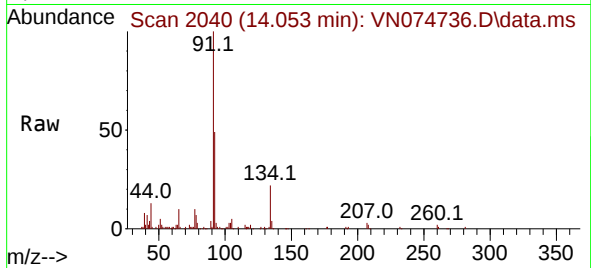
#89
n-Butylbenzene
Concen: 5.022 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 11193
Ion Ratio Lower Upper
91 100
92 50.1 26.7 80.0
134 24.3 11.9 35.5

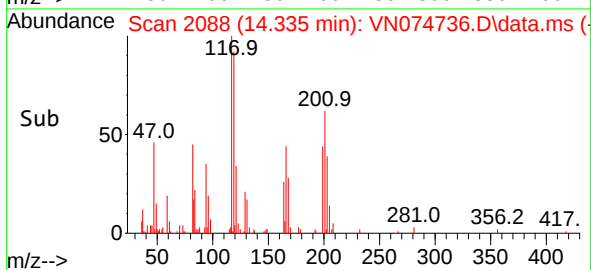
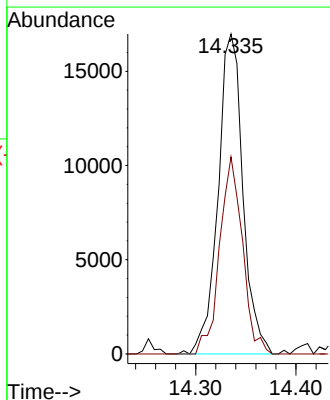
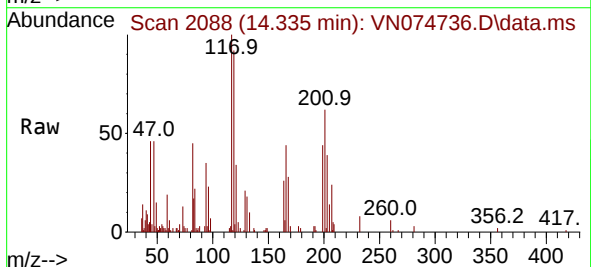
Manual Integrations
APPROVED

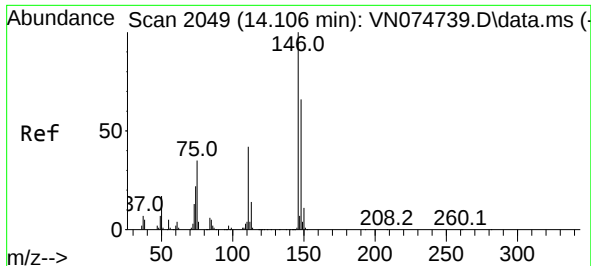
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 5.170 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:117 Resp: 29231
Ion Ratio Lower Upper
117 100
201 56.7 30.3 90.8





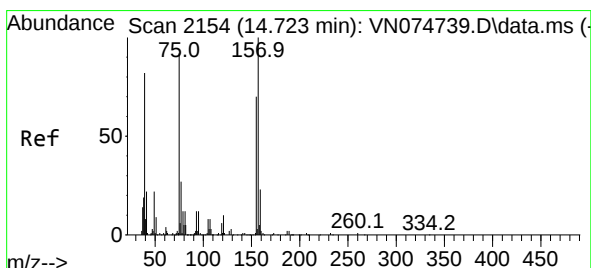
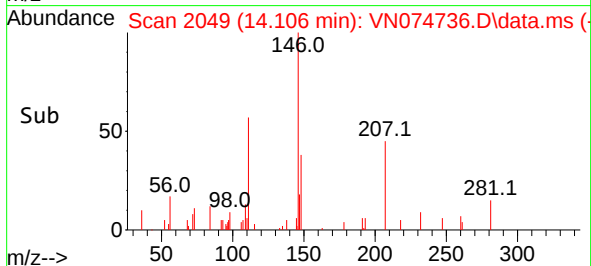
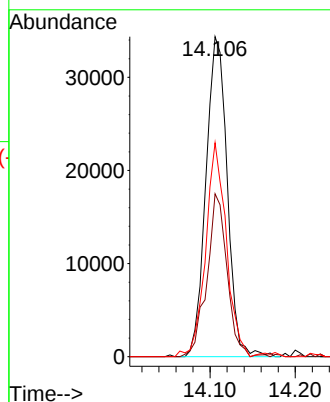
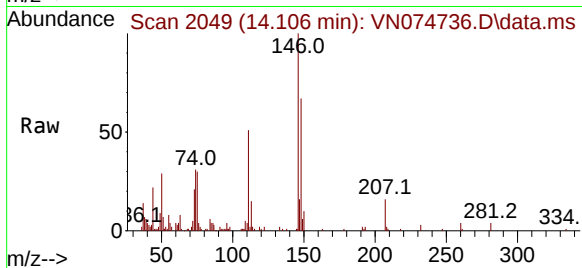
#91
1,2-Dichlorobenzene
Concen: 4.788 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion:146 Resp: 59820
Ion Ratio Lower Upper
146 100
111 47.9 21.5 64.5
148 64.7 31.9 95.9

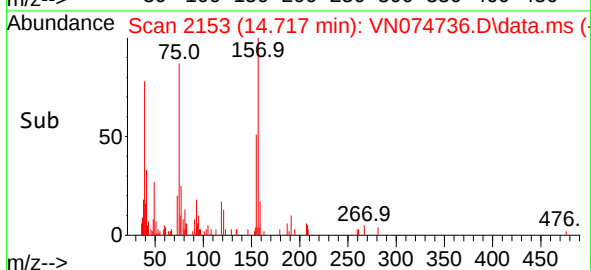
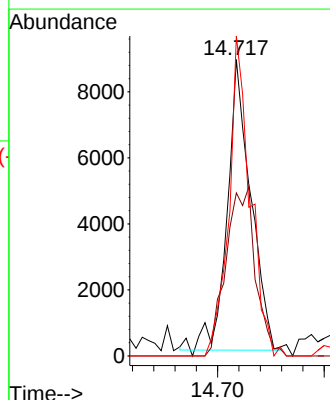
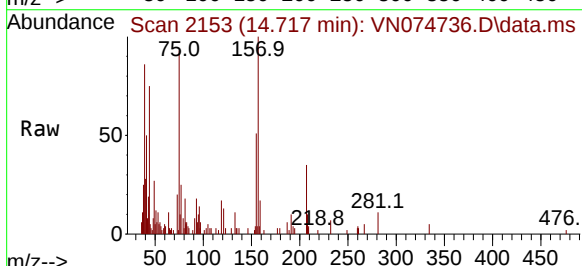
Manual Integrations
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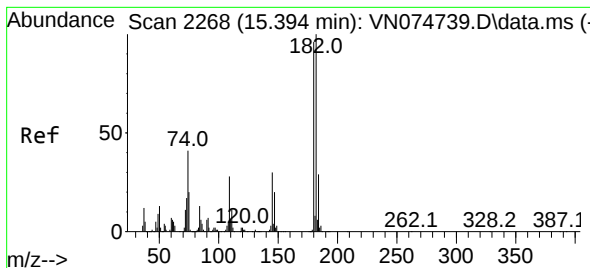
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.975 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion: 75 Resp: 13577
Ion Ratio Lower Upper
75 100
155 72.1 40.3 120.8
157 99.6 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 4.855 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

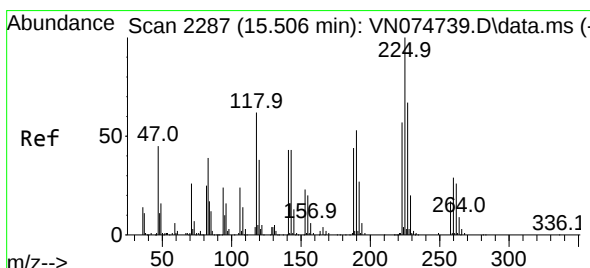
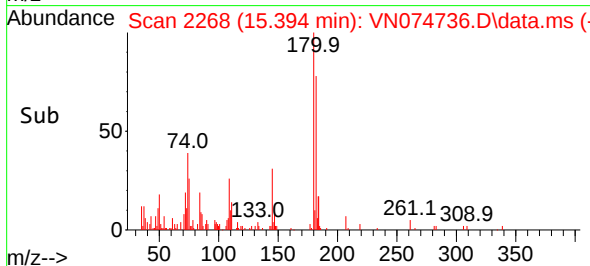
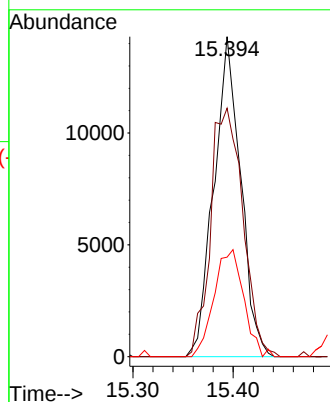
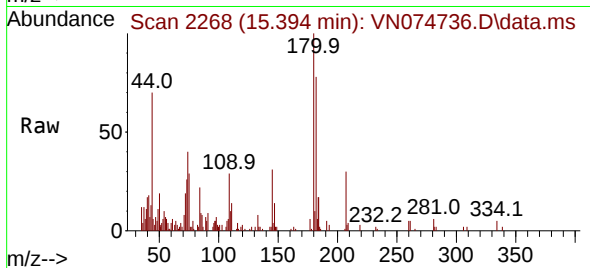
Tgt Ion:180	Resp:	2653
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.5 145.5
145	37.1	16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#94

Hexachlorobutadiene

Concen: 5.762 ug/l

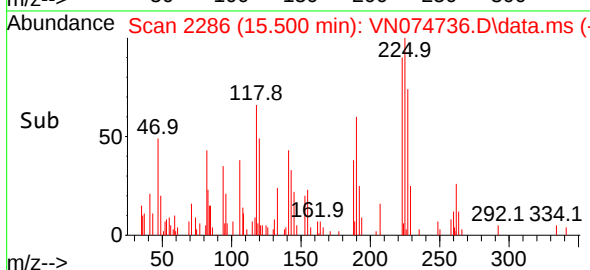
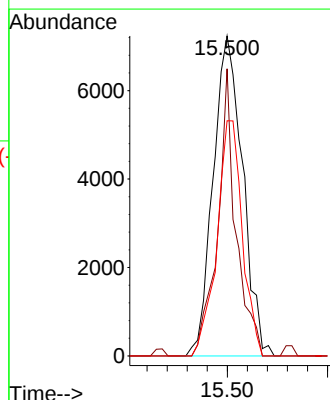
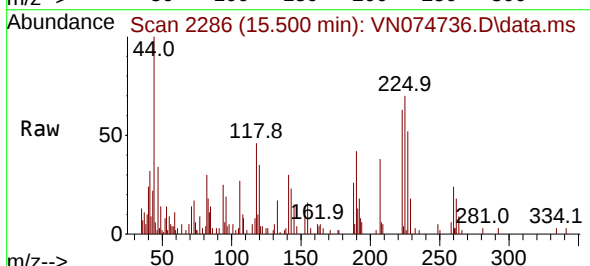
RT: 15.500 min Scan# 2286

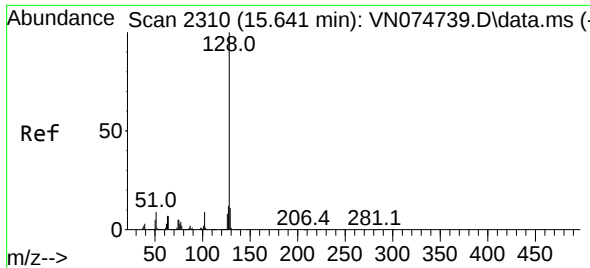
Delta R.T. -0.006 min

Lab File: VN074736.D

Acq: 05 Oct 2022 12:10

Tgt Ion:225	Resp:	14732
Ion Ratio	Lower	Upper
225	100	
223	55.8	31.7 95.1
227	63.4	31.2 93.6





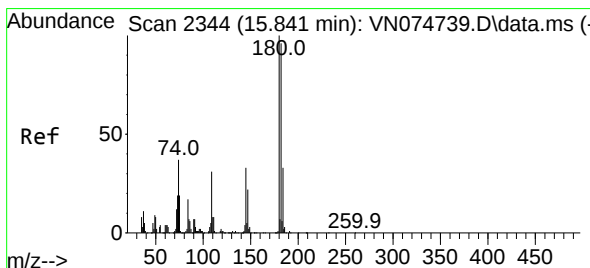
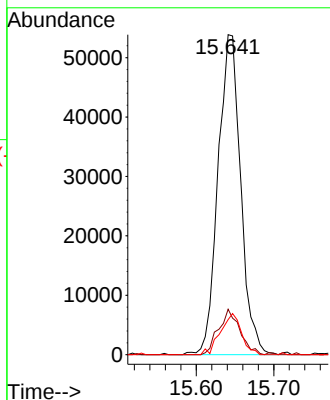
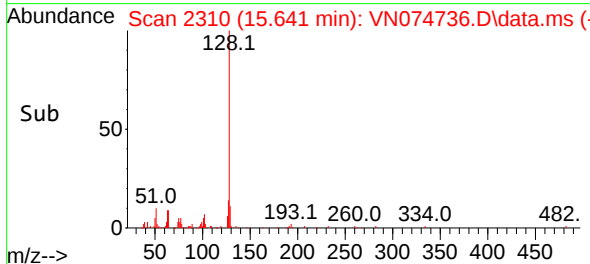
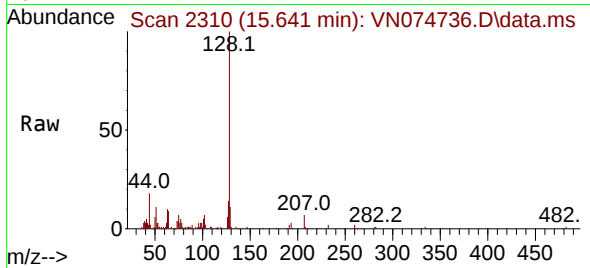
#95
Naphthalene
Concen: 4.629 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 109380
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 12.0 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.356 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074736.D
Acq: 05 Oct 2022 12:10

Tgt Ion:180 Resp: 25588
Ion Ratio Lower Upper
180 100
182 100.7 47.3 142.0
145 40.4 17.1 51.2

