

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074828.D
 Acq On : 10 Oct 2022 13:26
 Operator : JC\MD
 Sample : VN1010WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Quant Time: Oct 11 06:22:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/11/2022
 Supervised By : Mahesh Dadoda 10/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	261195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.112	114	456993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	490343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285358	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.588	65	308441	49.839	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.680%
35) Dibromofluoromethane	8.177	113	241360	52.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.570	98	1022268	51.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.853	95	287719	47.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.148	85	108124	20.185	ug/l	92
3) Chloromethane	2.383	50	147865	18.562	ug/l	91
4) Vinyl Chloride	2.536	62	210152	21.307	ug/l	# 88
5) Bromomethane	2.953	94	167939	24.146	ug/l	84
6) Chloroethane	3.130	64	199929	27.397	ug/l	99
7) Trichlorofluoromethane	3.506	101	156891	20.183	ug/l	97
8) Diethyl Ether	3.983	74	68168	16.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.394	101	94075	19.755	ug/l	97
10) Methyl Iodide	4.606	142	109815	19.070	ug/l	98
11) Tert butyl alcohol	5.553	59	169992	82.012	ug/l	98
12) 1,1-Dichloroethene	4.359	96	90082	17.770	ug/l	94
13) Acrolein	4.206	56	40862	69.482	ug/l	99
14) Allyl chloride	5.041	41	194177	18.638	ug/l	99
15) Acrylonitrile	5.747	53	426314	94.299	ug/l	100
16) Acetone	4.453	43	374547	106.794	ug/l	98
17) Carbon Disulfide	4.730	76	236499	17.072	ug/l	98
18) Methyl Acetate	5.053	43	250124	19.263	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	355082	18.005	ug/l	98
20) Methylene Chloride	5.294	84	118747	19.946	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	96384	17.775	ug/l	88
22) Diisopropyl ether	6.688	45	418624	18.918	ug/l	96
23) Vinyl Acetate	6.624	43	1569857	86.367	ug/l	100
24) 1,1-Dichloroethane	6.588	63	216656	18.991	ug/l	98
25) 2-Butanone	7.500	43	622023	97.724	ug/l	91
26) 2,2-Dichloropropane	7.500	77	180973	19.233	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	128301	19.876	ug/l	92
28) Bromochloromethane	7.824	49	107511	20.886	ug/l	95
29) Tetrahydrofuran	7.859	42	409361	92.278	ug/l	98
30) Chloroform	7.977	83	213047	20.388	ug/l	# 83
31) Cyclohexane	8.265	56	193595	18.099	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	173239	19.450	ug/l	96
36) 1,1-Dichloropropene	8.377	75	148173	19.827	ug/l	98
37) Ethyl Acetate	7.500	43	622023	20.750	ug/l	# 54
38) Carbon Tetrachloride	8.377	117	141516	20.080	ug/l	93
39) Methylcyclohexane	9.606	83	191829	19.814	ug/l	# 90
40) Benzene	8.618	78	501952	20.747	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	118428	20.054	ug/l	95
42) 1,2-Dichloroethane	8.682	62	161471	21.262	ug/l	98
43) Isopropyl Acetate	8.694	43	377795	20.394	ug/l	99
44) Trichloroethene	9.359	130	101405	20.124	ug/l	92
45) 1,2-Dichloropropane	9.623	63	133547	20.386	ug/l	97
46) Dibromomethane	9.712	93	83320	21.675	ug/l	94
47) Bromodichloromethane	9.894	83	161067	20.508	ug/l	96
48) Methyl methacrylate	9.612	41	169105	22.235	ug/l #	99
49) 1,4-Dioxane	9.706	88	62778	380.848	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	1225661	102.744	ug/l	98
52) Toluene	10.629	92	296163	20.377	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	181878	19.436	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	194959	19.297	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	122917	21.033	ug/l	90
56) Ethyl methacrylate	10.876	69	197882	18.591	ug/l	93
57) 1,3-Dichloropropane	11.165	76	216711	20.575	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	389931	101.570	ug/l	98
59) 2-Hexanone	11.200	43	926305	102.658	ug/l	97
60) Dibromochloromethane	11.359	129	114335	19.860	ug/l	99
61) 1,2-Dibromoethane	11.470	107	125583	21.133	ug/l	96
64) Tetrachloroethene	11.112	164	79870	20.065	ug/l	94
65) Chlorobenzene	11.894	112	300062	19.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	112545	20.519	ug/l	97
67) Ethyl Benzene	11.965	91	566268	20.224	ug/l	97
68) m/p-Xylenes	12.076	106	424154	40.354	ug/l	97
69) o-Xylene	12.400	106	213496	19.798	ug/l	96
70) Styrene	12.412	104	338274	19.898	ug/l	99
71) Bromoform	12.582	173	77567	18.539	ug/l #	100
73) Isopropylbenzene	12.700	105	544798	19.840	ug/l	98
74) N-amyl acetate	12.500	43	290364	17.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	207209	21.439	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	150648m	17.688	ug/l	
77) Bromobenzene	12.982	156	114501	21.815	ug/l	94
78) n-propylbenzene	13.041	91	635525	20.089	ug/l	100
79) 2-Chlorotoluene	13.129	91	371815	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	456122	20.827	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.735	75	69439	15.885	ug/l	88
82) 4-Chlorotoluene	13.223	91	339135	19.074	ug/l	98
83) tert-Butylbenzene	13.441	119	390915	20.656	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	447048	20.188	ug/l	100
85) sec-Butylbenzene	13.617	105	567532	20.637	ug/l	100
86) p-Isopropyltoluene	13.735	119	439587	20.713	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	208069	19.106	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	208985	20.316	ug/l	97
89) n-Butylbenzene	14.059	91	377778	20.196	ug/l	98
90) Hexachloroethane	14.335	117	91516	19.286	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	226933	21.638	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39230	17.236	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	97517	21.257	ug/l	96
94) Hexachlorobutadiene	15.505	225	49430	23.033	ug/l	98
95) Naphthalene	15.641	128	386598	19.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99085	21.326	ug/l	98

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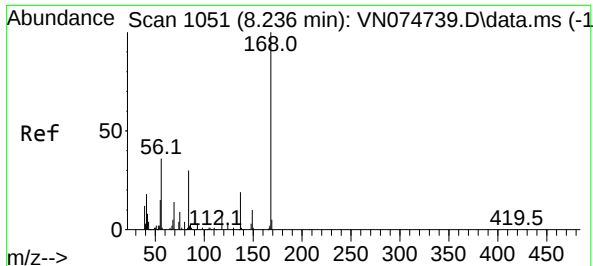
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/11/2022

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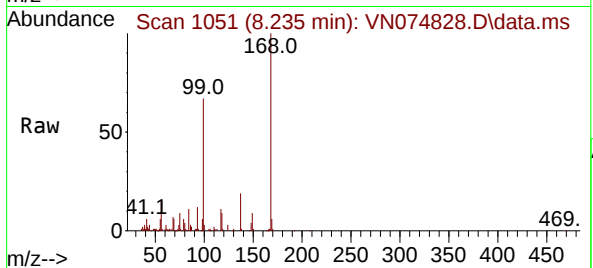
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074828.D
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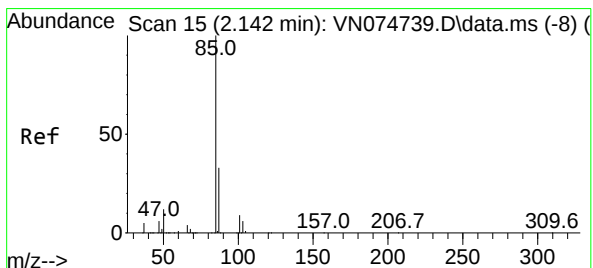
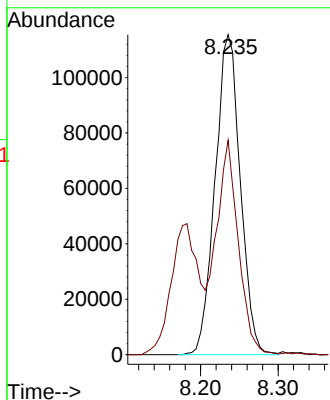
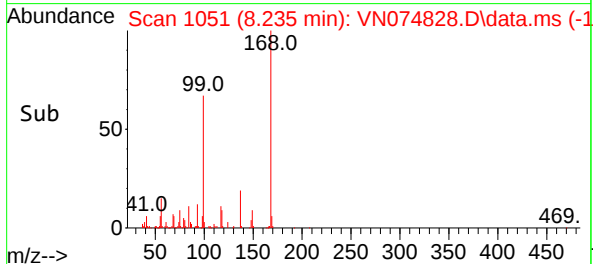
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion:168 Resp: 261199
Ion Ratio Lower Upper
168 100
99 66.7 42.8 64.2

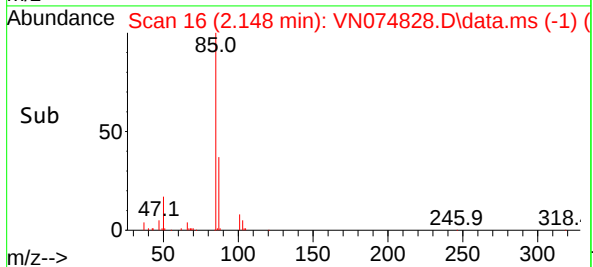
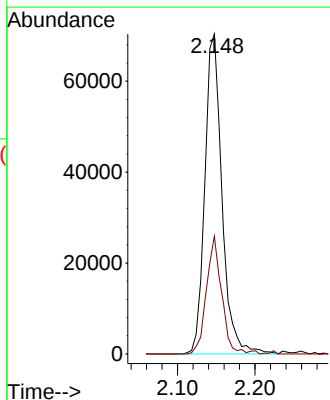
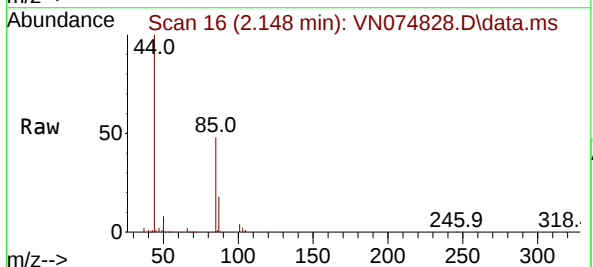
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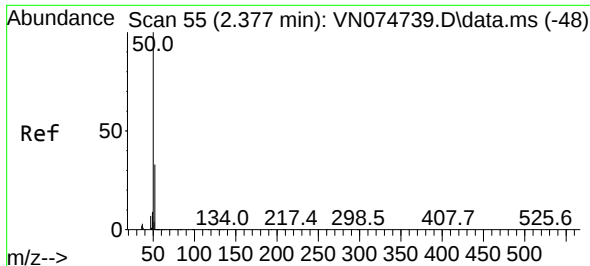
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#2
Dichlorodifluoromethane
Concen: 20.185 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

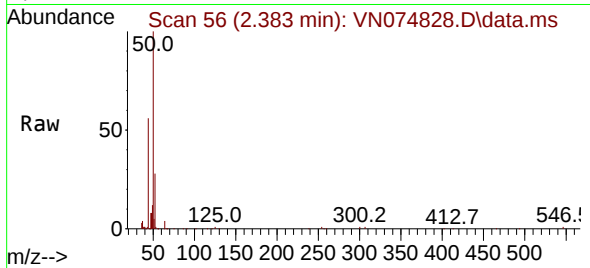
Tgt Ion: 85 Resp: 108124
Ion Ratio Lower Upper
85 100
87 36.8 16.3 48.9





#3
Chloromethane
Concen: 18.562 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

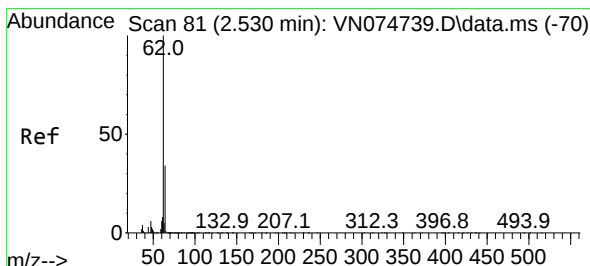
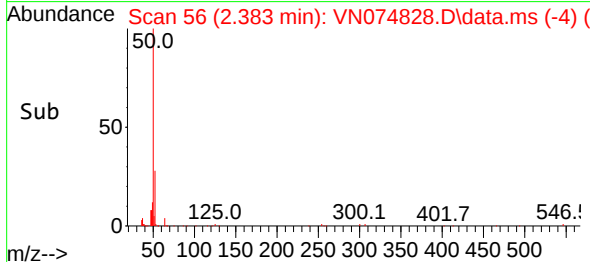
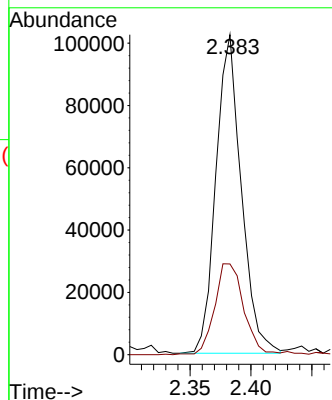
Instrument :
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Tgt Ion: 50 Resp: 14786
Ion Ratio Lower Upper
50 100
52 28.2 26.7 40.1

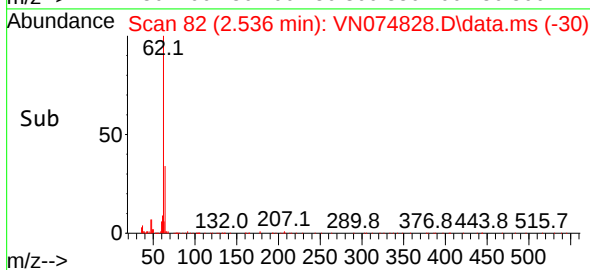
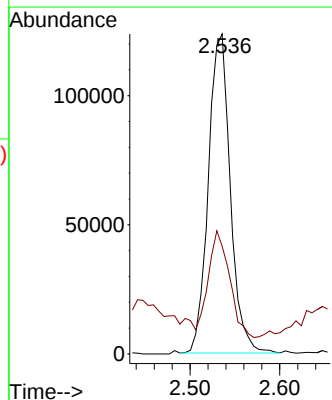
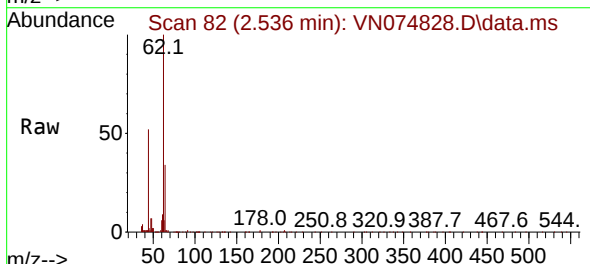
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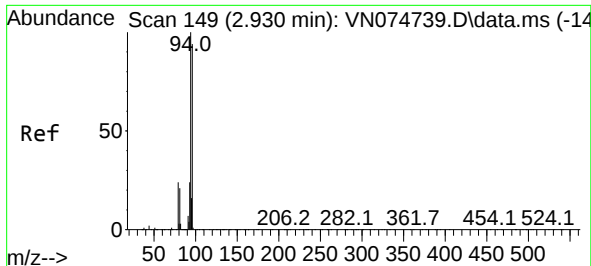
Reviewed By :John Carlone 10/11/2022
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#4
Vinyl Chloride
Concen: 21.307 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

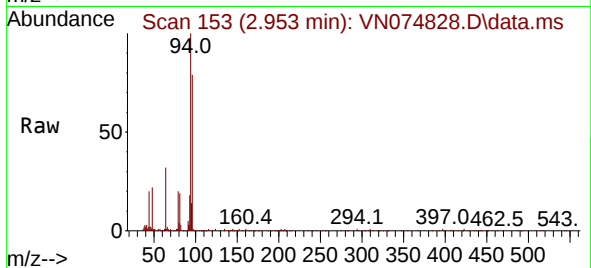
Tgt Ion: 62 Resp: 210152
Ion Ratio Lower Upper
62 100
64 27.2 27.4 41.2#





#5
Bromomethane
Concen: 24.146 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

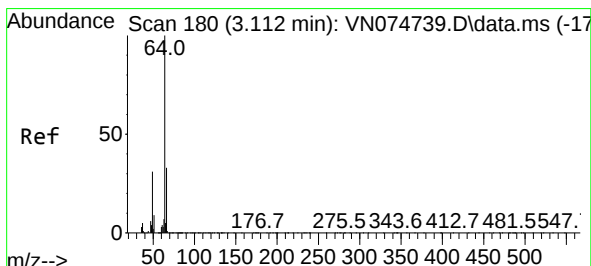
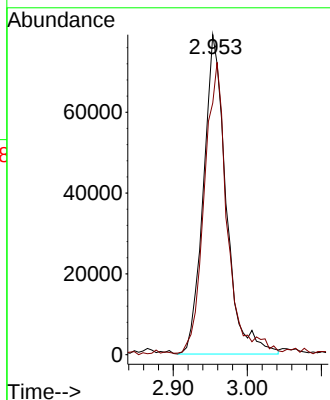
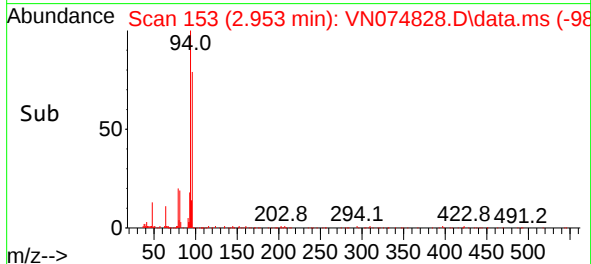
Instrument :
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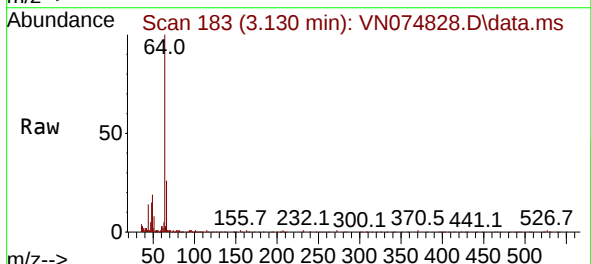
Tgt Ion: 94 Resp: 167939
Ion Ratio Lower Upper
94 100
96 78.3 75.0 112.6

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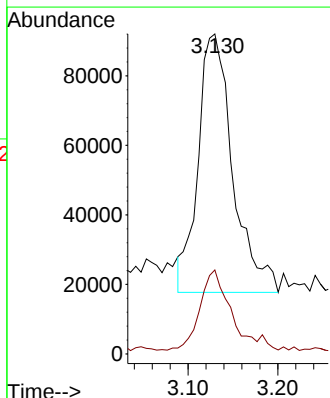
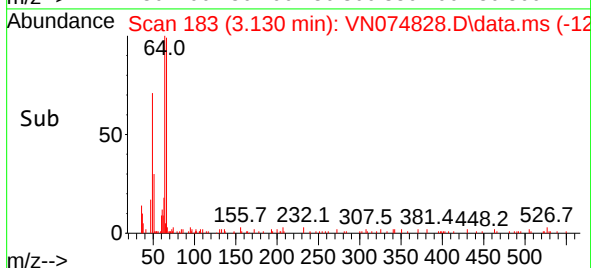
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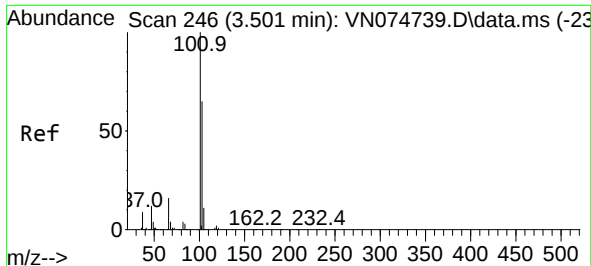


#6
Chloroethane
Concen: 27.397 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.017 min
Lab File: VN074828.D
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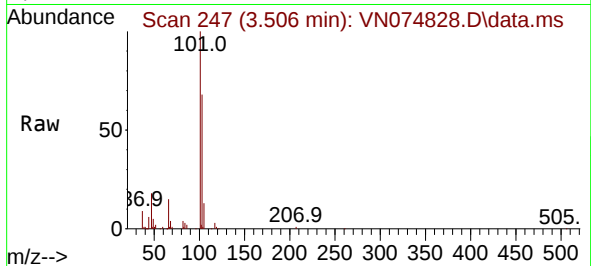
Tgt Ion: 64 Resp: 199929
Ion Ratio Lower Upper
64 100
66 30.6 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 20.183 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26

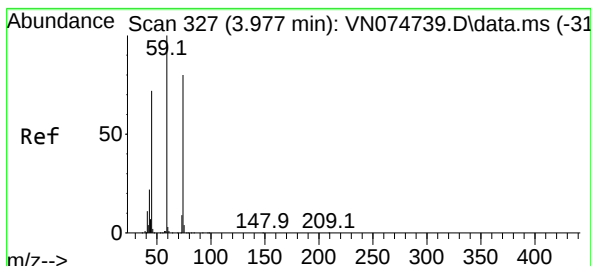
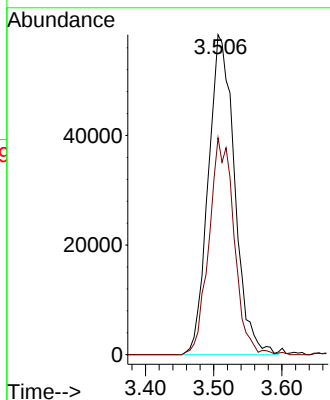
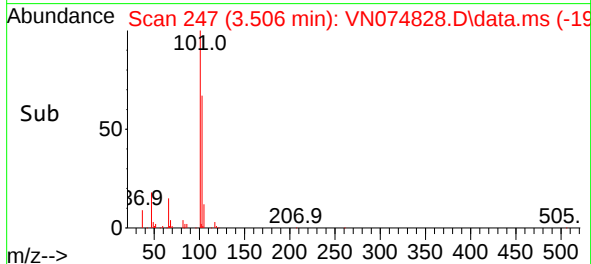
Instrument :
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 VN1010WBS01



Tgt Ion:101 Resp: 15689
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.0 78.0

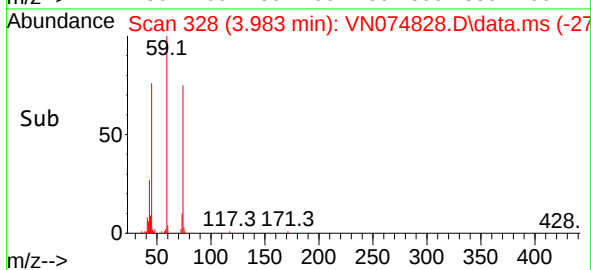
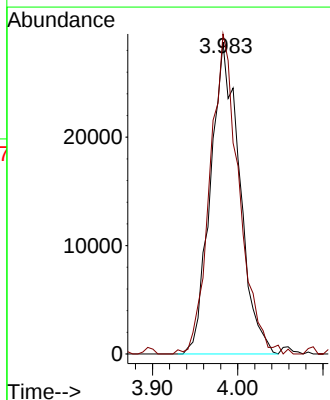
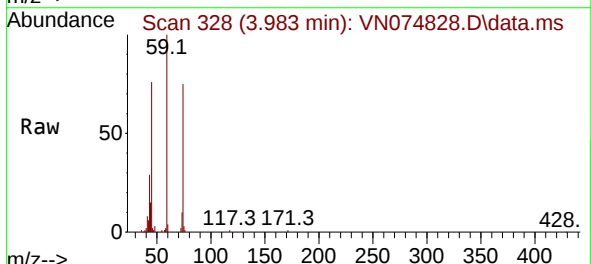
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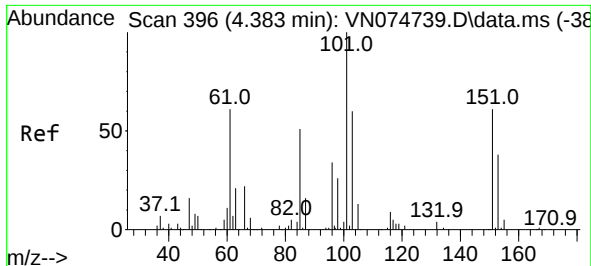
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#8
 Diethyl Ether
 Concen: 16.810 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26

Tgt Ion: 74 Resp: 68168
 Ion Ratio Lower Upper
 74 100
 45 102.2 48.2 144.6





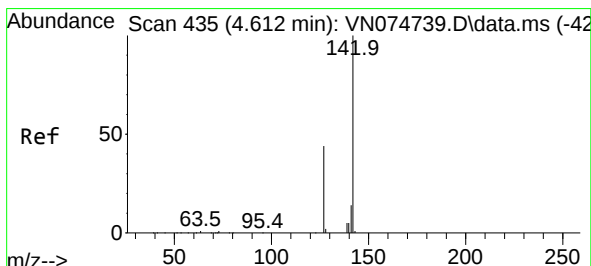
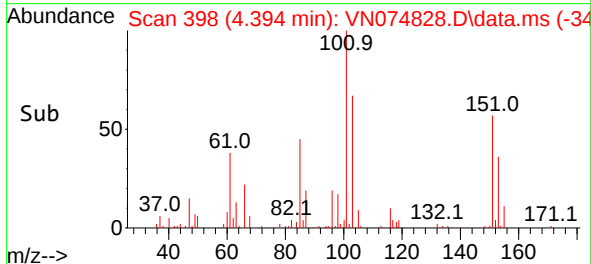
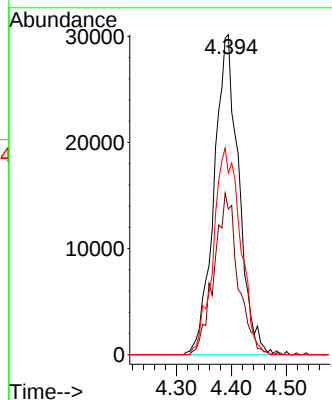
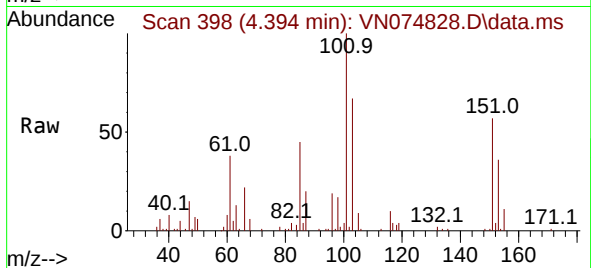
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.755 ug/l
RT: 4.394 min Scan# 396
Delta R.T. 0.011 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:101 Resp: 94075
Ion Ratio Lower Upper
101 100
85 49.1 37.4 56.0
151 71.0 55.0 82.4

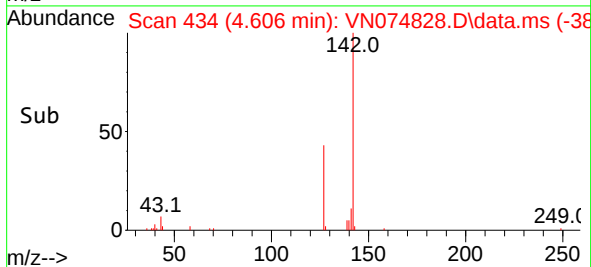
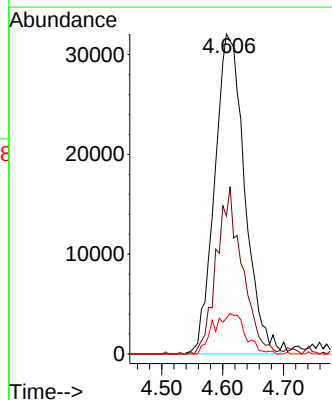
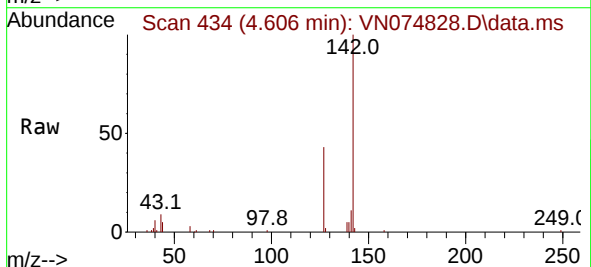
Manual Integrations
APPROVED

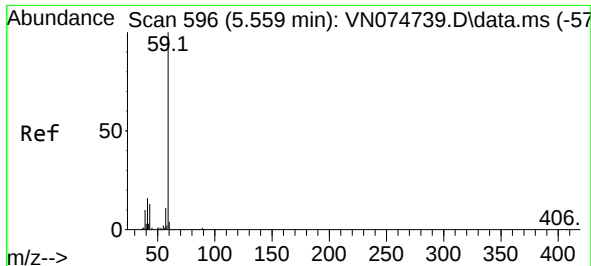
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#10
Methyl Iodide
Concen: 19.070 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion:142 Resp: 109815
Ion Ratio Lower Upper
142 100
127 44.8 34.4 51.6
141 13.5 11.0 16.6





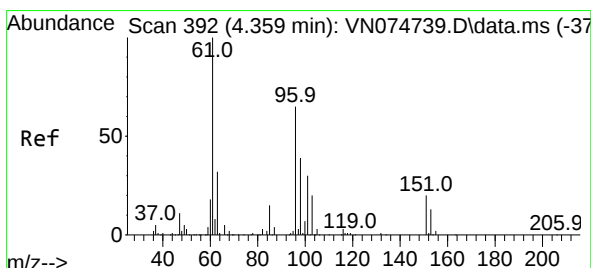
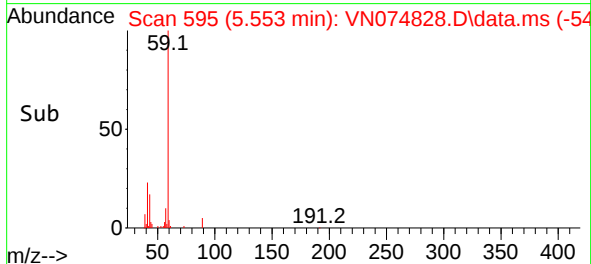
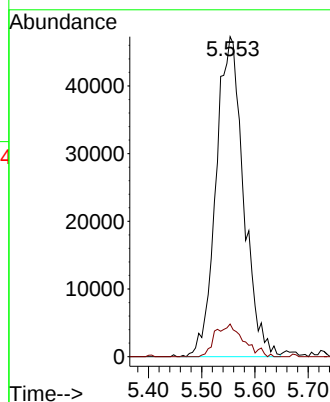
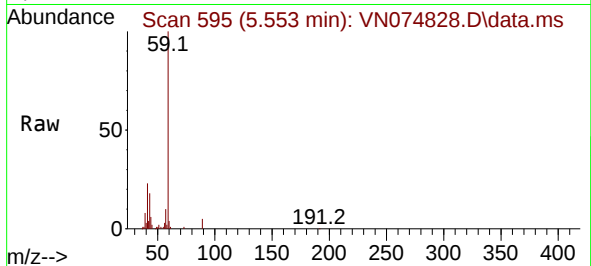
#11
Tert butyl alcohol
Concen: 82.012 ug/l
RT: 5.553 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 59 Resp: 169992
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5

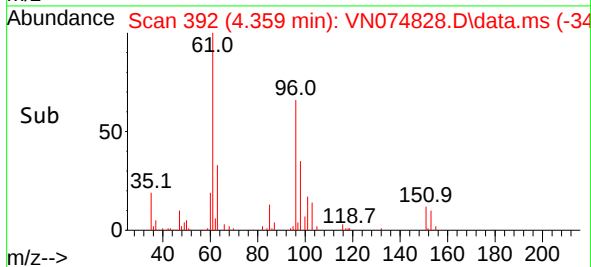
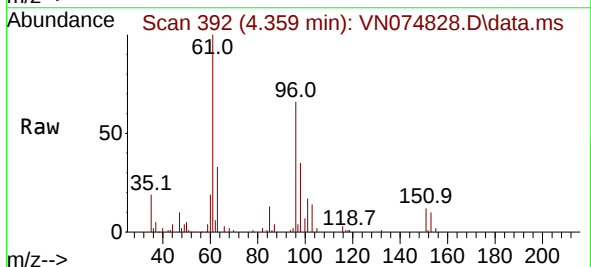
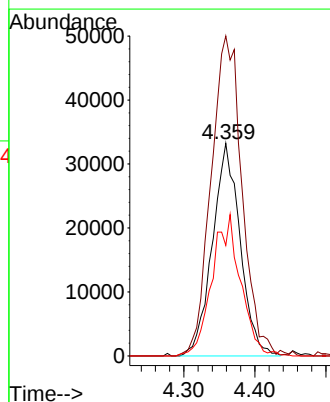
Manual Integrations
APPROVED

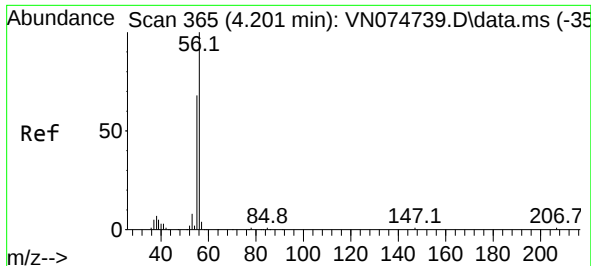
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#12
1,1-Dichloroethene
Concen: 17.770 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

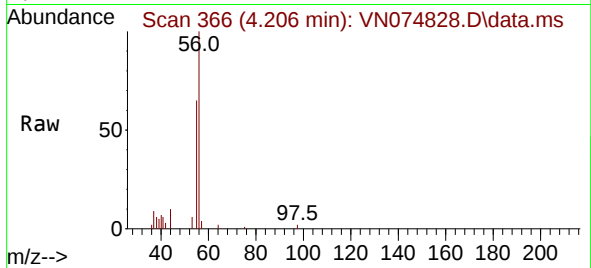
Tgt Ion: 96 Resp: 90082
Ion Ratio Lower Upper
96 100
61 149.8 123.9 185.9
98 51.5 48.8 73.2





#13
Acrolein
Concen: 69.482 ug/l
RT: 4.206 min Scan# 365
Delta R.T. 0.005 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

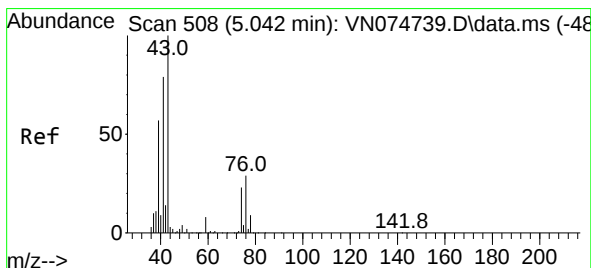
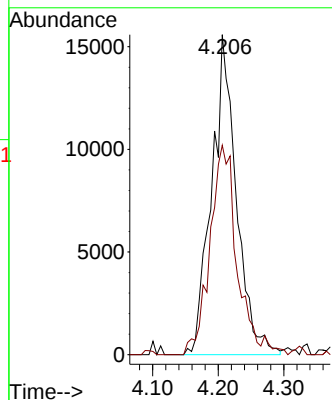
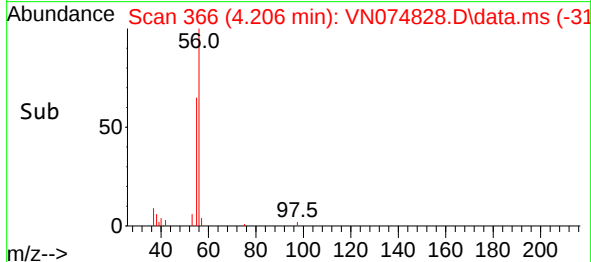
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 56 Resp: 40862
Ion Ratio Lower Upper
56 100
55 69.4 54.9 82.3

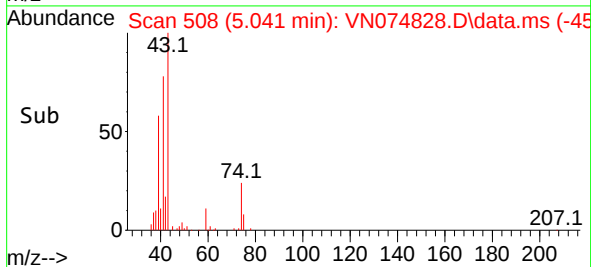
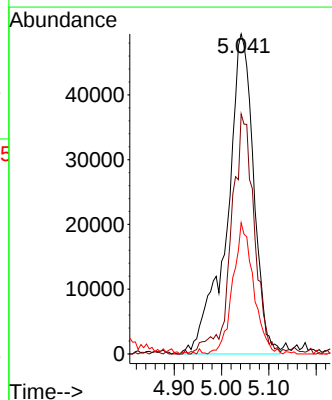
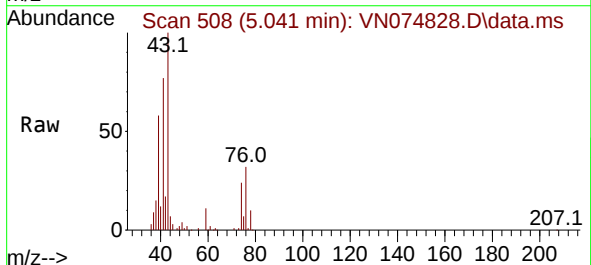
Manual Integrations
APPROVED

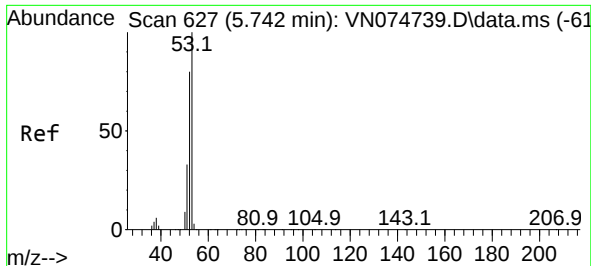
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#14
Allyl chloride
Concen: 18.638 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

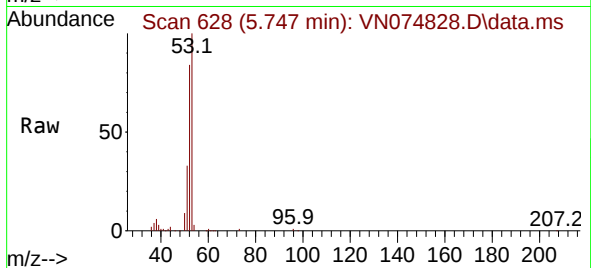
Tgt Ion: 41 Resp: 194177
Ion Ratio Lower Upper
41 100
39 64.1 50.2 75.2
76 31.8 25.6 38.4





#15
Acrylonitrile
Concen: 94.299 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

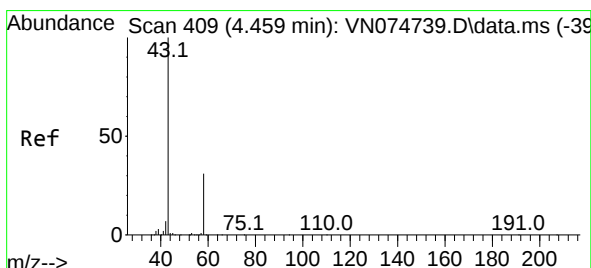
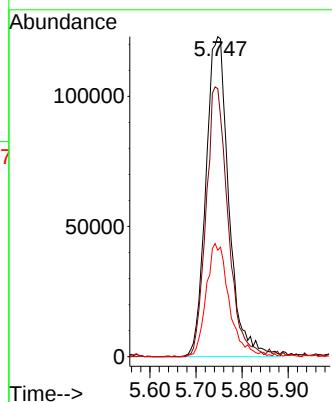
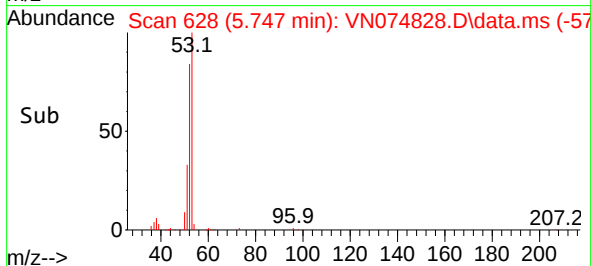
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 53 Resp: 426314
Ion Ratio Lower Upper
53 100
52 80.5 64.3 96.5
51 35.1 27.5 41.3

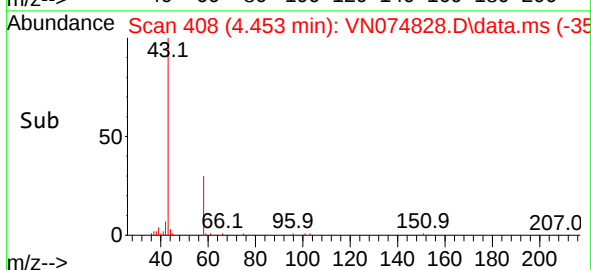
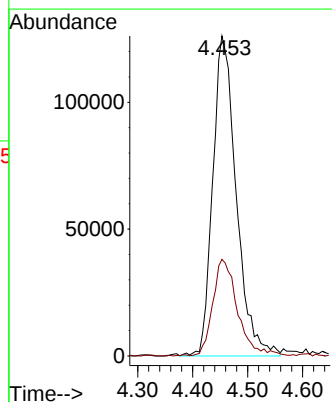
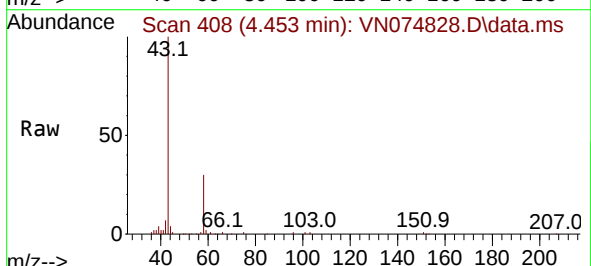
Manual Integrations
APPROVED

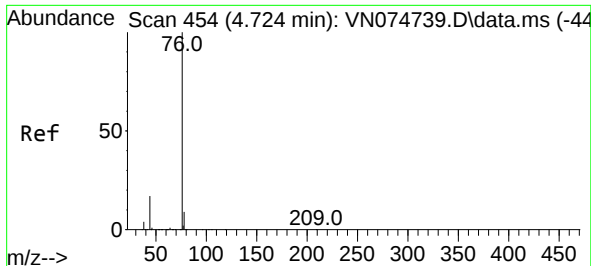
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#16
Acetone
Concen: 106.794 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

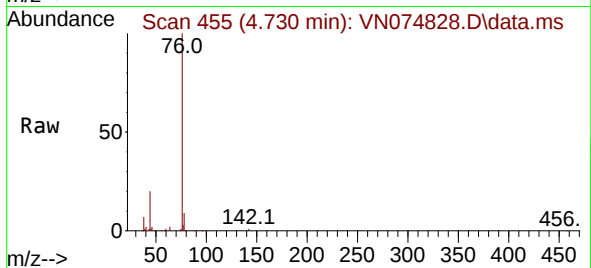
Tgt Ion: 43 Resp: 374547
Ion Ratio Lower Upper
43 100
58 30.0 24.9 37.3





#17
Carbon Disulfide
Concen: 17.072 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

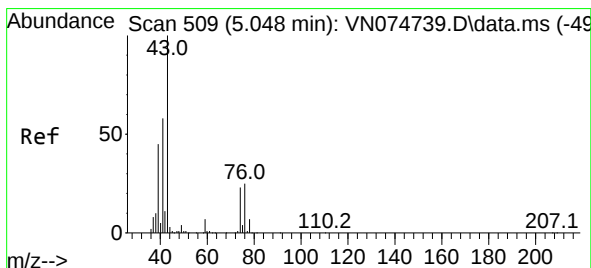
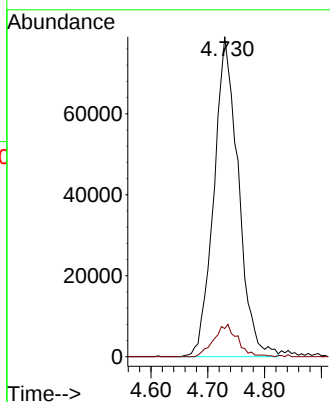
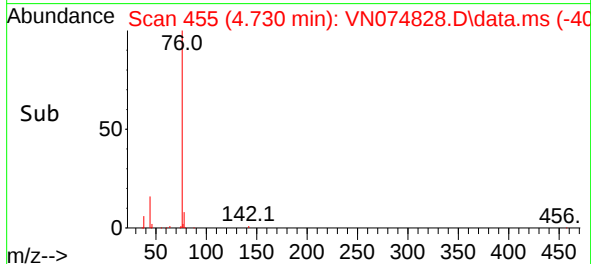
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 76 Resp: 236499
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

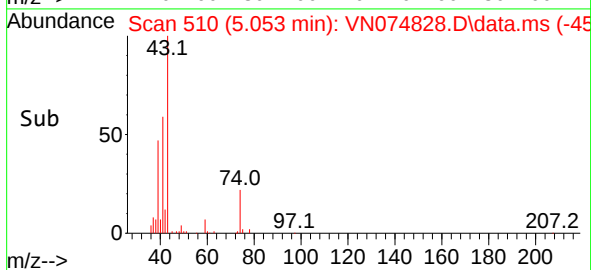
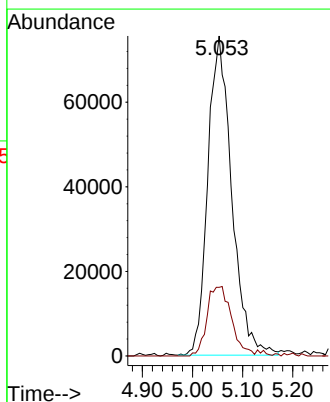
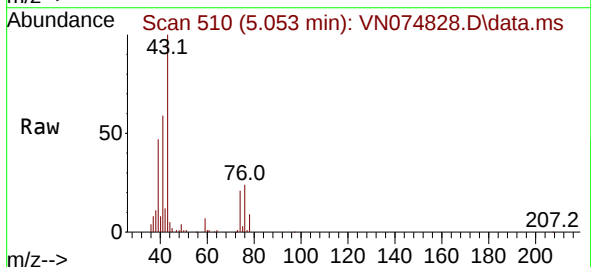
Manual Integrations
APPROVED

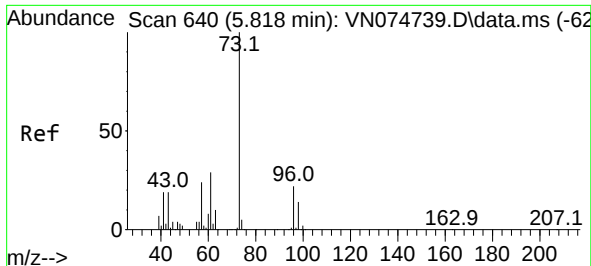
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#18
Methyl Acetate
Concen: 19.263 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

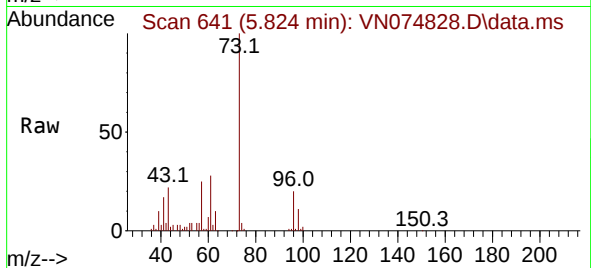
Tgt Ion: 43 Resp: 250124
Ion Ratio Lower Upper
43 100
74 22.2 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 18.005 ug/l
RT: 5.824 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

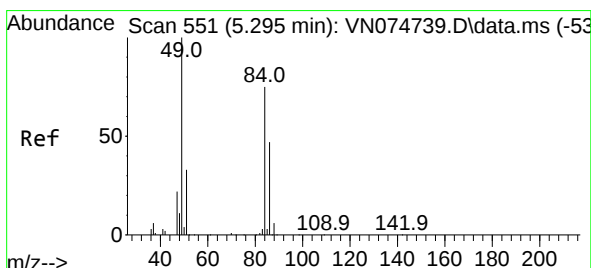
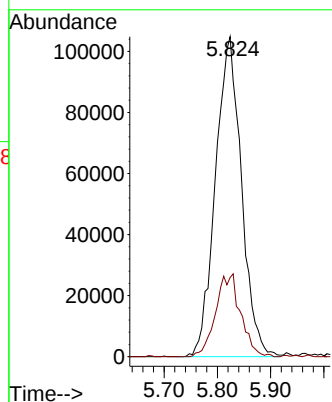
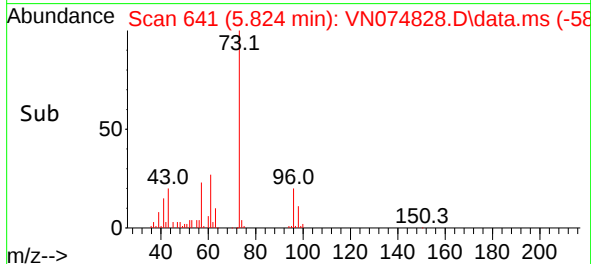
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 73 Resp: 35508
Ion Ratio Lower Upper
73 100
57 24.7 19.0 28.4

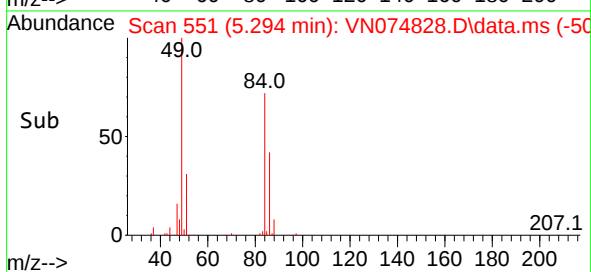
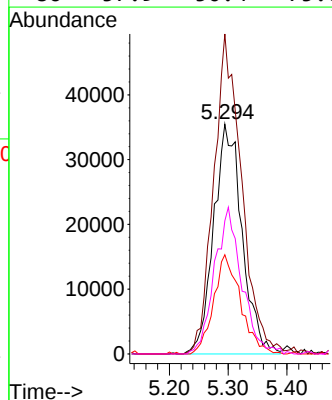
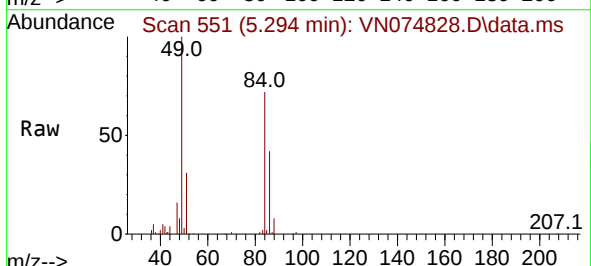
Manual Integrations
APPROVED

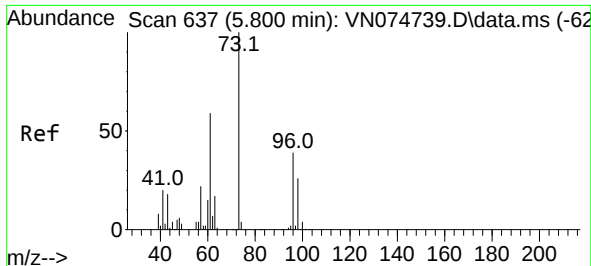
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#20
Methylene Chloride
Concen: 19.946 ug/l
RT: 5.294 min Scan# 551
Delta R.T. -0.001 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

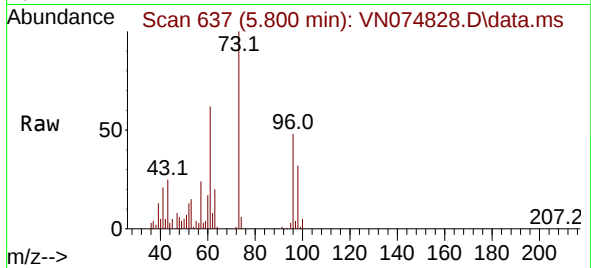
Tgt Ion: 84 Resp: 118747
Ion Ratio Lower Upper
84 100
49 139.2 107.4 161.0
51 43.1 35.1 52.7
86 57.9 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 17.775 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

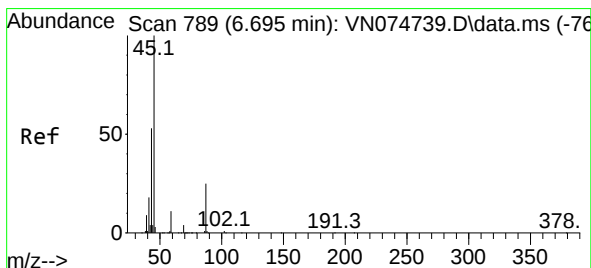
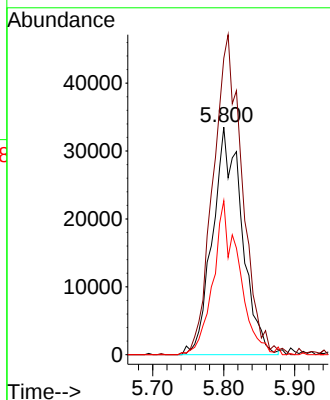
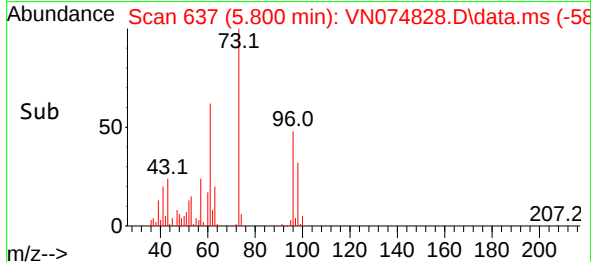
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



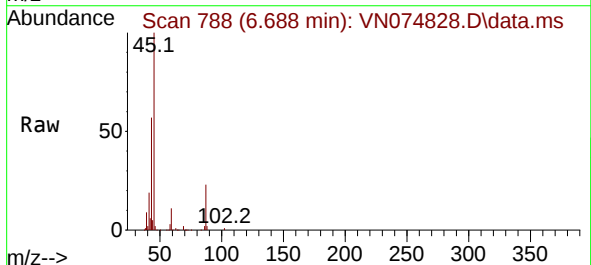
Tgt Ion: 96 Resp: 96384
Ion Ratio Lower Upper
96 100
61 130.3 121.5 182.3
98 67.7 53.8 80.8

Manual Integrations
APPROVED

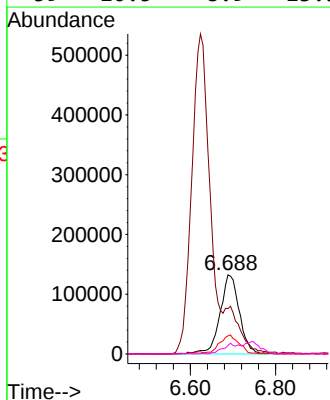
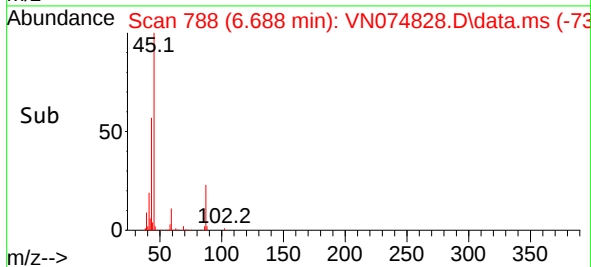
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

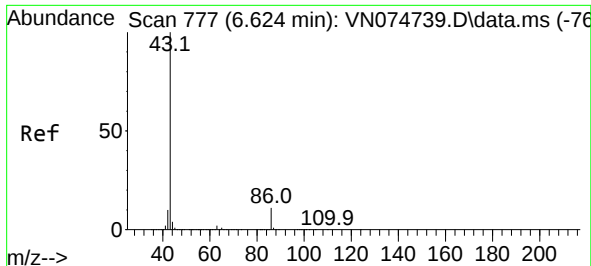


#22
Diisopropyl ether
Concen: 18.918 ug/l
RT: 6.688 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



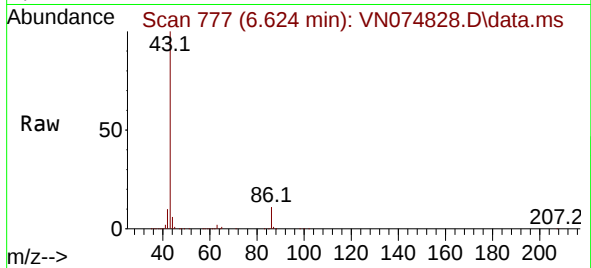
Tgt Ion: 45 Resp: 418624
Ion Ratio Lower Upper
45 100
43 56.3 42.7 64.1
87 22.9 19.6 29.4
59 10.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 86.367 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26

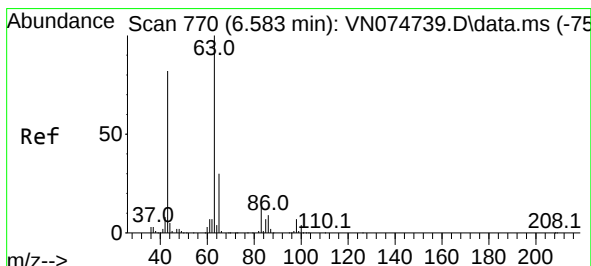
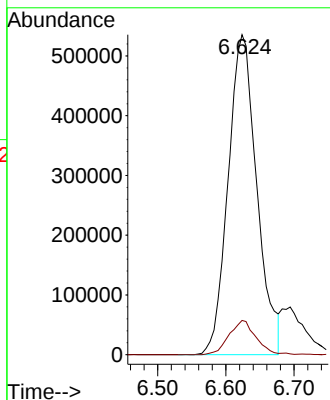
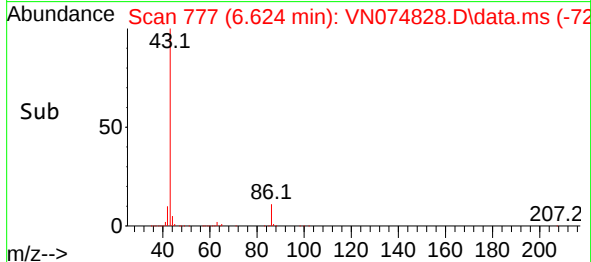
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01



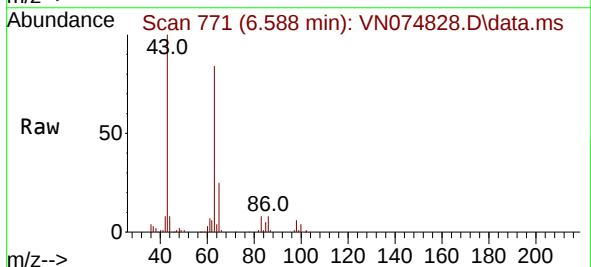
Tgt Ion: 43 Resp: 156985
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6

Manual Integrations
 APPROVED

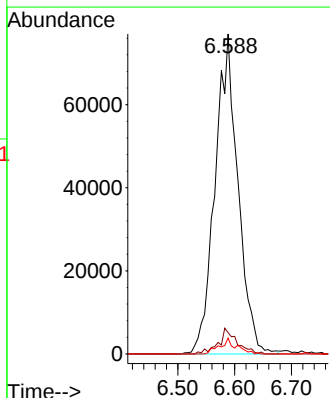
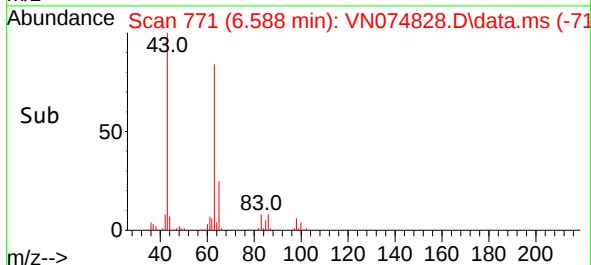
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

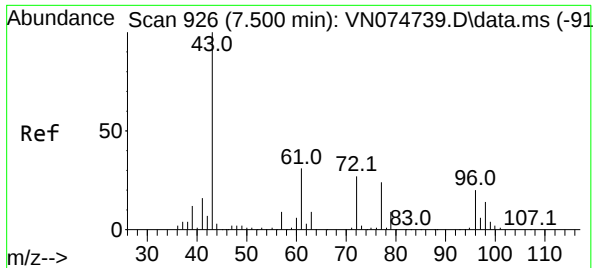


#24
 1,1-Dichloroethane
 Concen: 18.991 ug/l
 RT: 6.588 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26



Tgt Ion: 63 Resp: 216656
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.9 1.8 5.5





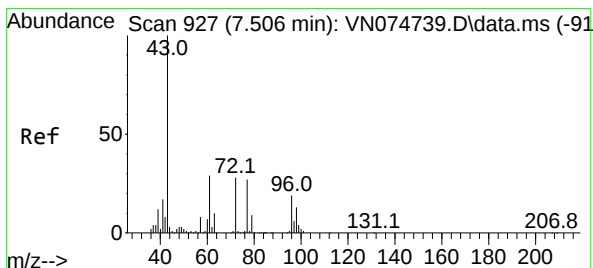
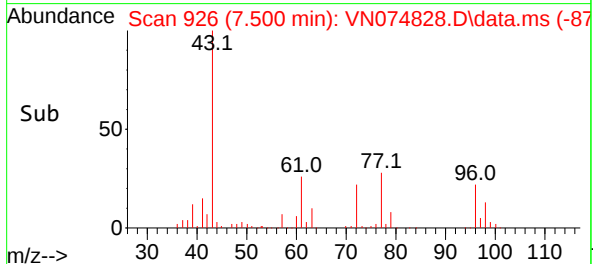
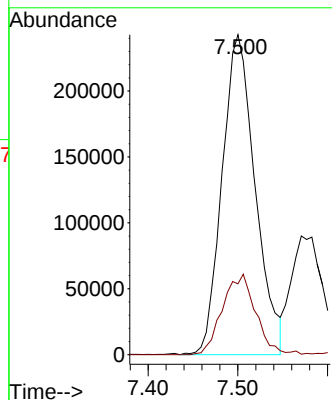
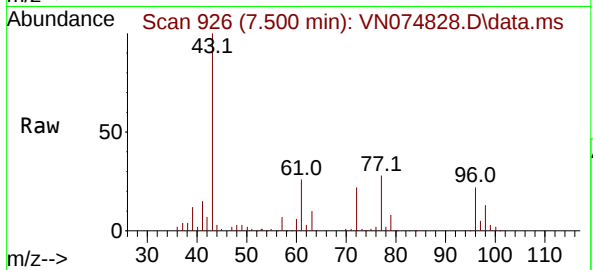
#25
2-Butanone
Concen: 97.724 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 43 Resp: 62202
Ion Ratio Lower Upper
43 100
72 22.2 21.4 32.0

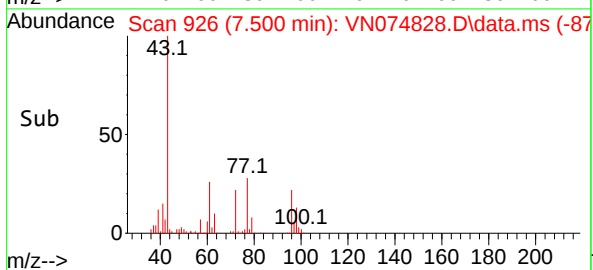
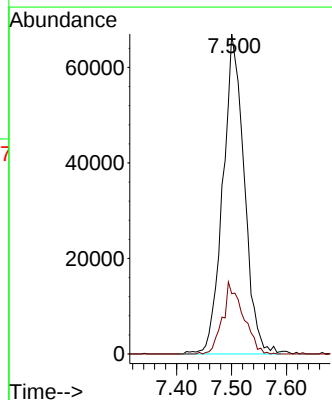
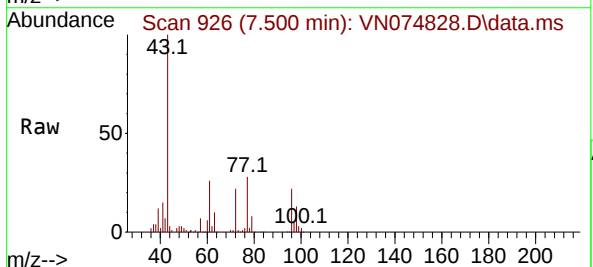
Manual Integrations
APPROVED

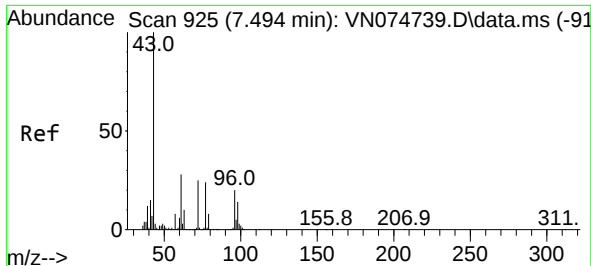
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#26
2,2-Dichloropropane
Concen: 19.233 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

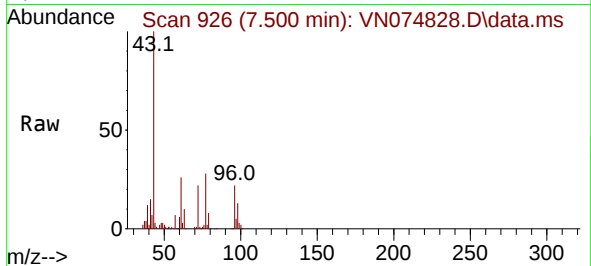
Tgt Ion: 77 Resp: 180973
Ion Ratio Lower Upper
77 100
97 21.6 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.876 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26

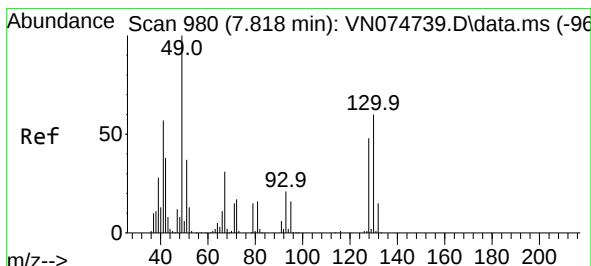
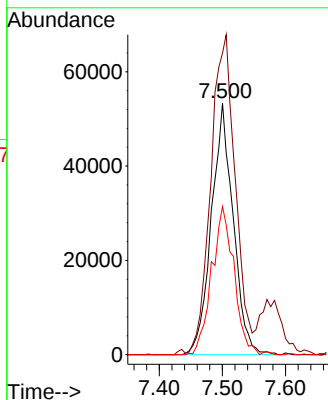
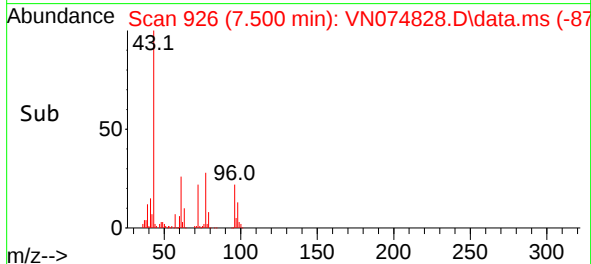
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01



Tgt Ion: 96 Resp: 12830
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 303.2
 98 59.8 0.0 131.0

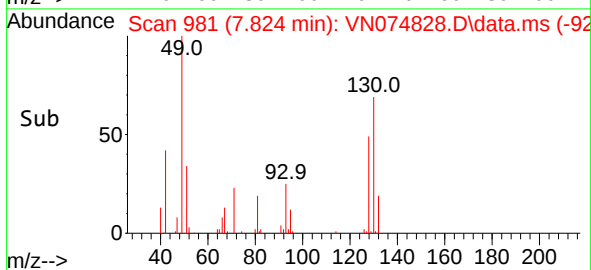
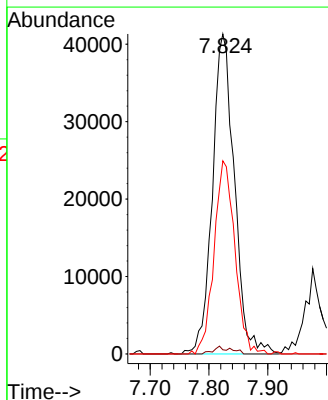
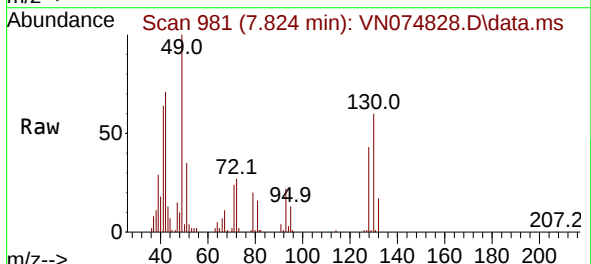
Manual Integrations
 APPROVED

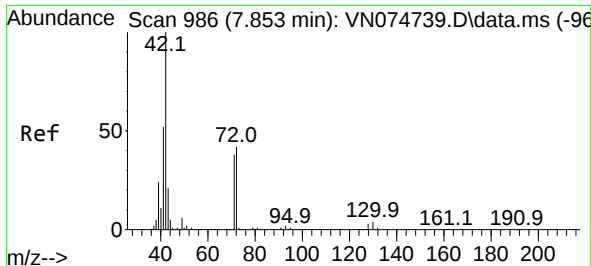
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#28
 Bromochloromethane
 Concen: 20.886 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26

Tgt Ion: 49 Resp: 107511
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.4
 130 57.3 49.0 73.4





#29

Tetrahydrofuran

Concen: 92.278 ug/l

RT: 7.859 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074828.D

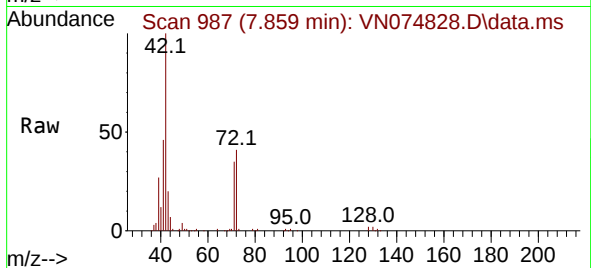
Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01



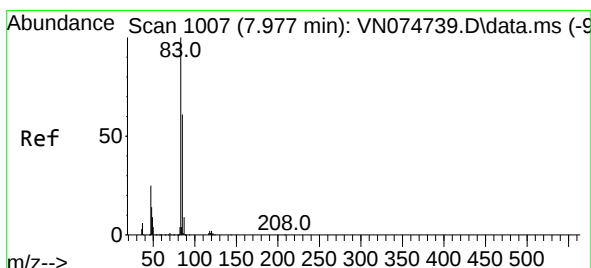
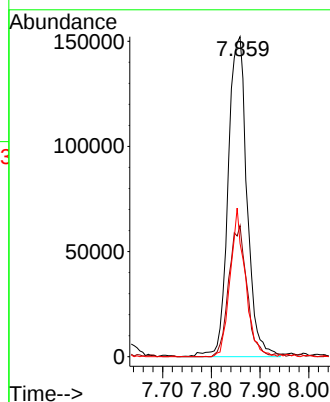
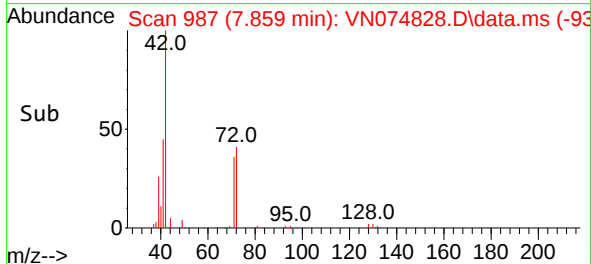
Tgt Ion:	42	Resp:	40936
Ion Ratio	100	Lower	Upper
42	100		
72	39.4	33.0	49.6
71	37.5	30.4	45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#30

Chloroform

Concen: 20.388 ug/l

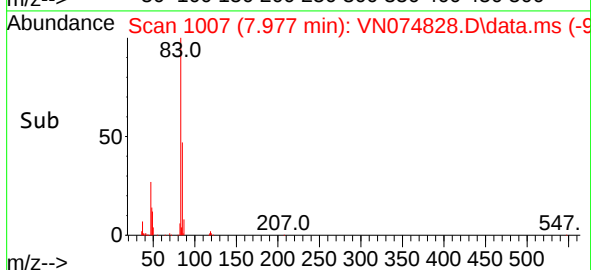
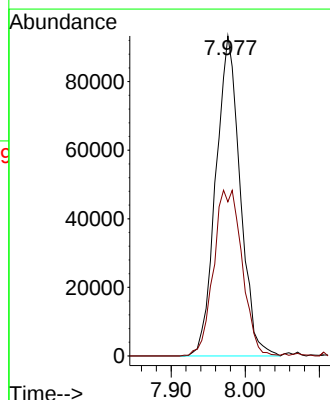
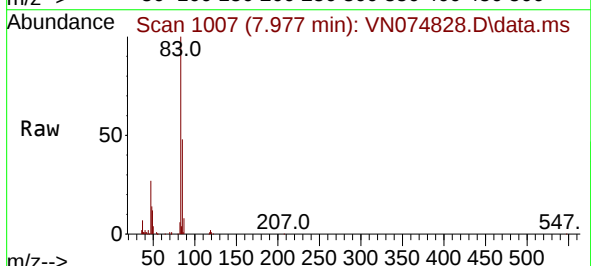
RT: 7.977 min Scan# 1007

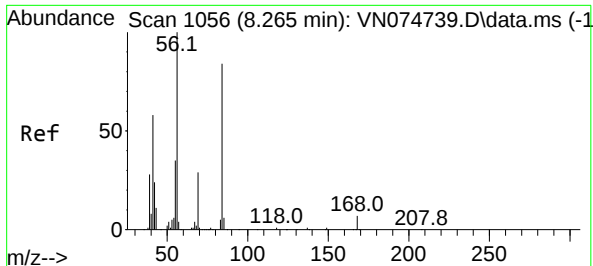
Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

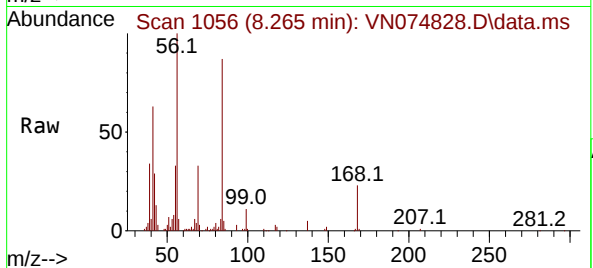
Tgt Ion:	83	Resp:	213047
Ion Ratio	100	Lower	Upper
83	100		
85	48.1	49.0	73.4





#31
Cyclohexane
Concen: 18.099 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

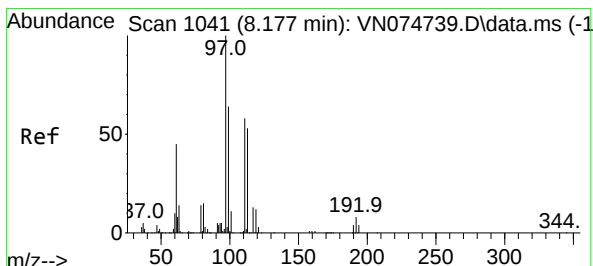
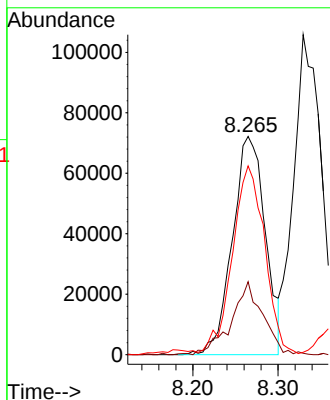
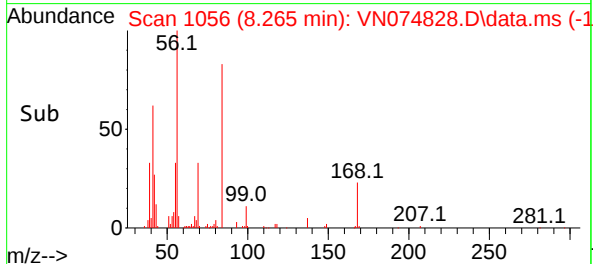
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



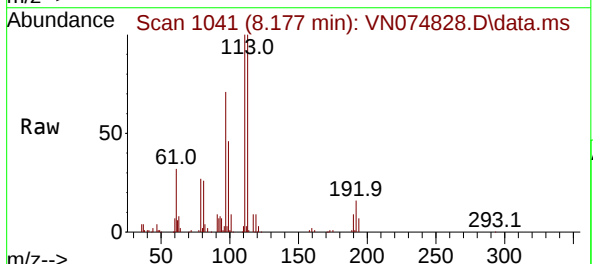
Tgt Ion: 56 Resp: 19359
Ion Ratio Lower Upper
56 100
69 33.1 23.1 34.7
84 84.3 67.1 100.7

Manual Integrations
APPROVED

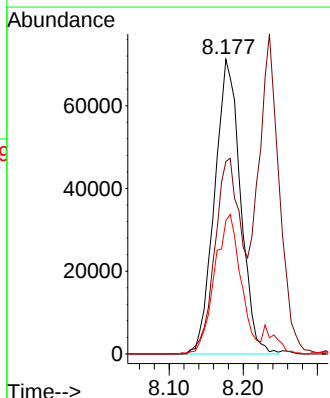
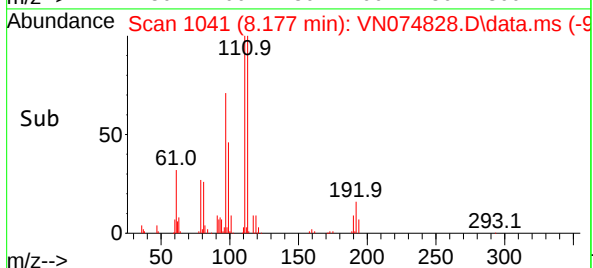
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

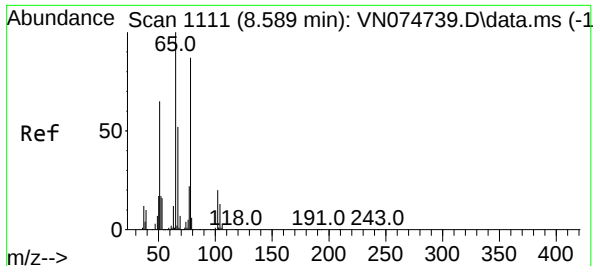


#32
1,1,1-Trichloroethane
Concen: 19.450 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



Tgt Ion: 97 Resp: 173239
Ion Ratio Lower Upper
97 100
99 67.6 50.7 76.1
61 48.3 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 49.839 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 65 Resp: 30844

Ion Ratio Lower Upper

65 100

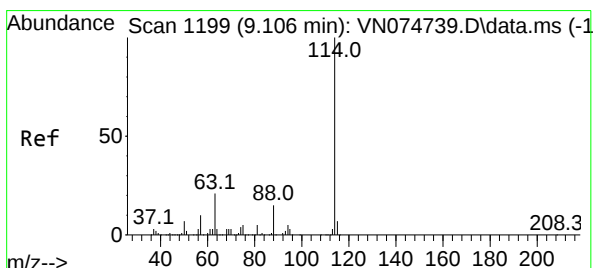
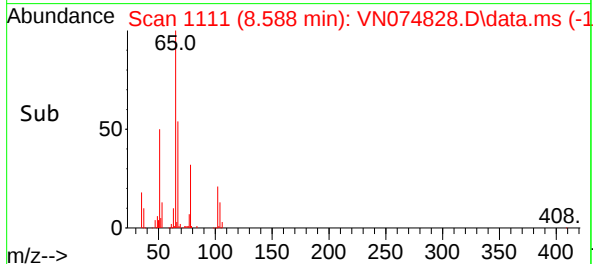
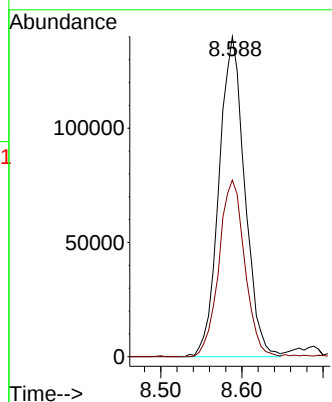
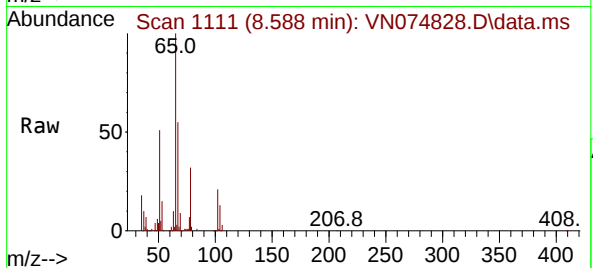
67 55.3 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1200

Delta R.T. 0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

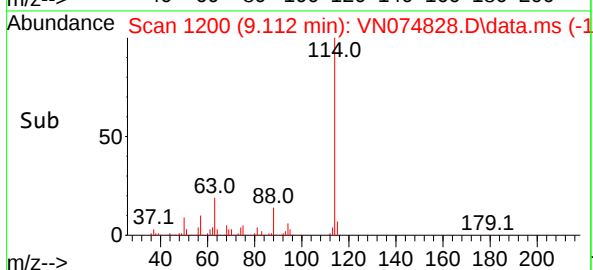
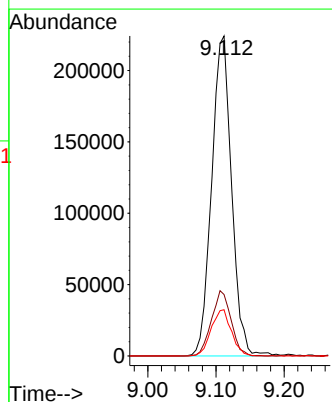
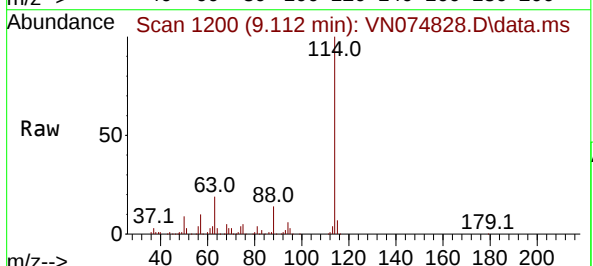
Tgt Ion:114 Resp: 456993

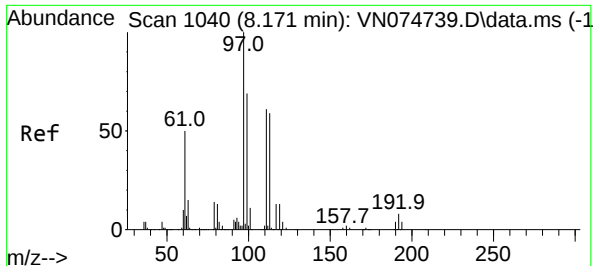
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.2

88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.273 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion:113 Resp: 241360

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

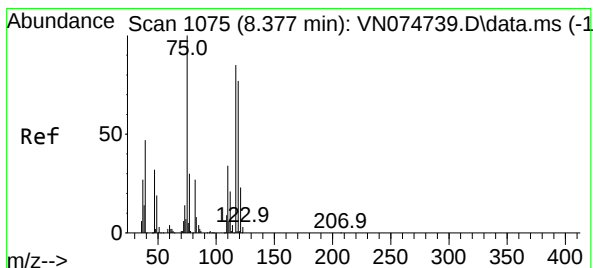
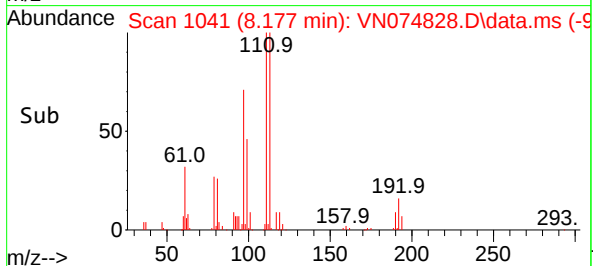
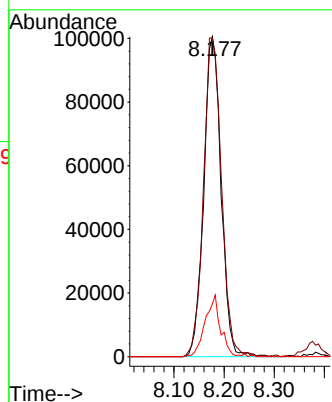
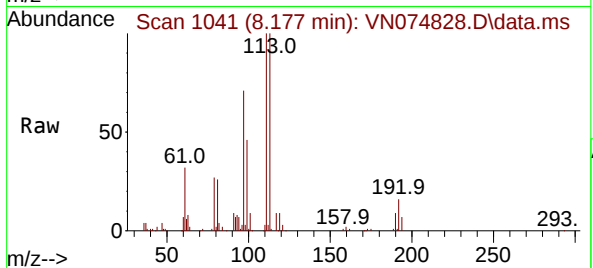
192 17.0 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#36

1,1-Dichloropropene

Concen: 19.827 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

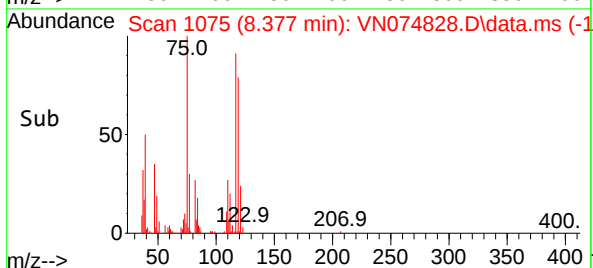
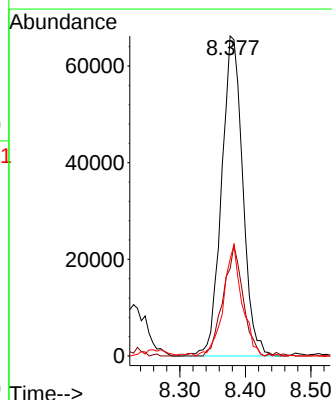
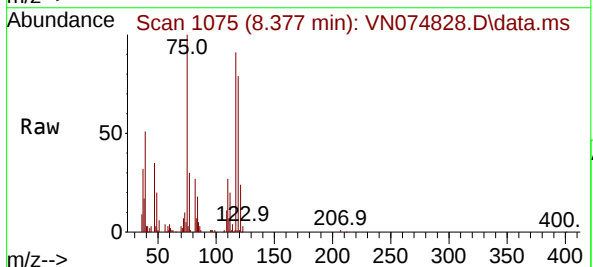
Tgt Ion: 75 Resp: 148173

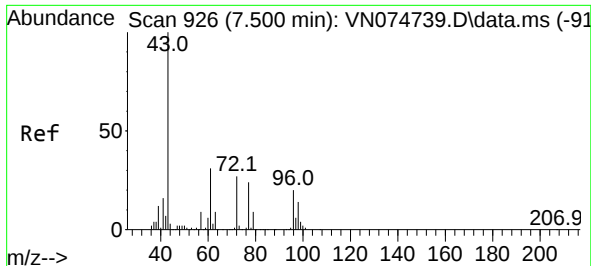
Ion Ratio Lower Upper

75 100

110 32.5 17.2 51.5

77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 20.750 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 43 Resp: 62202

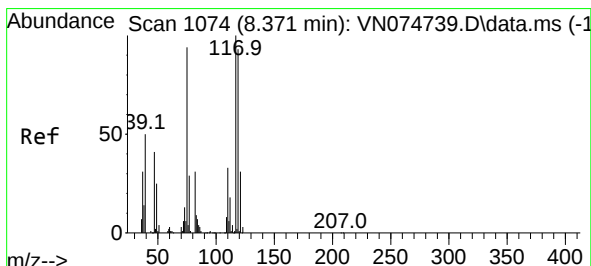
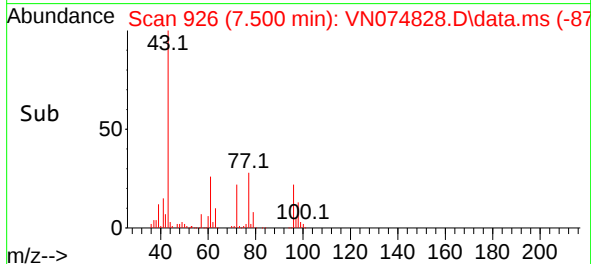
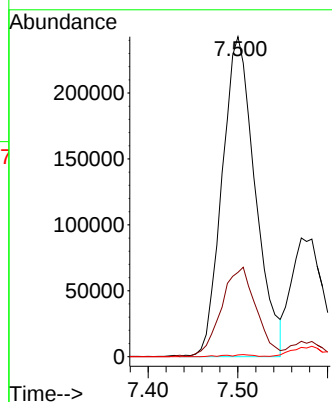
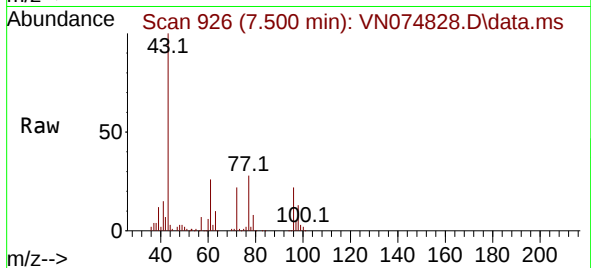
Ion	Ratio	Lower	Upper
43	100		
61	29.0	4.3	6.5
70	0.6	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#38

Carbon Tetrachloride

Concen: 20.080 ug/l

RT: 8.377 min Scan# 1075

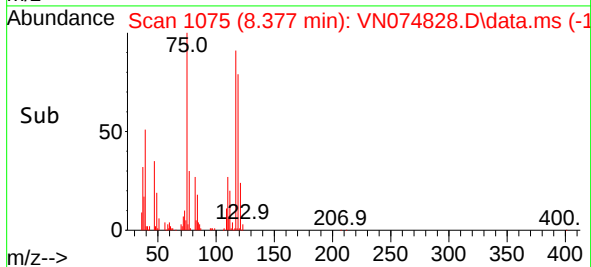
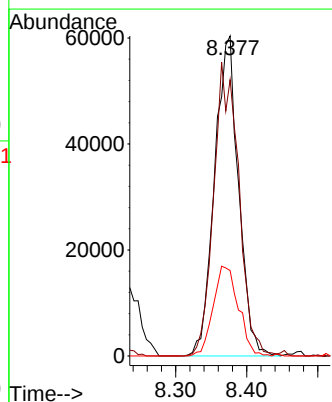
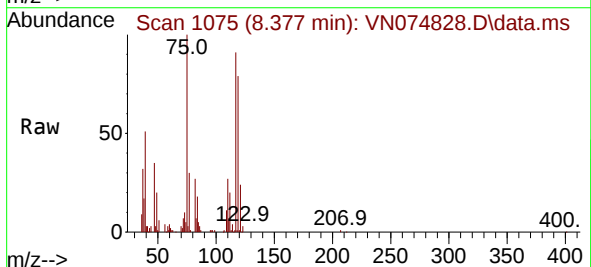
Delta R.T. 0.006 min

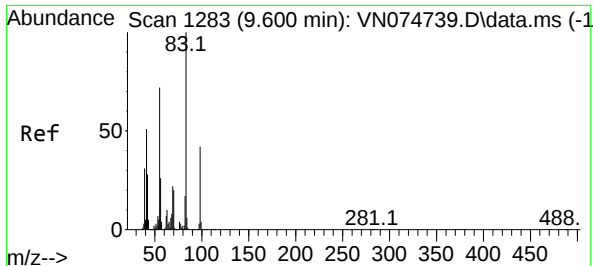
Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Tgt Ion:117 Resp: 141516

Ion	Ratio	Lower	Upper
117	100		
119	86.3	74.3	111.5
121	26.7	25.0	37.4





#39

Methylcyclohexane

Concen: 19.814 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

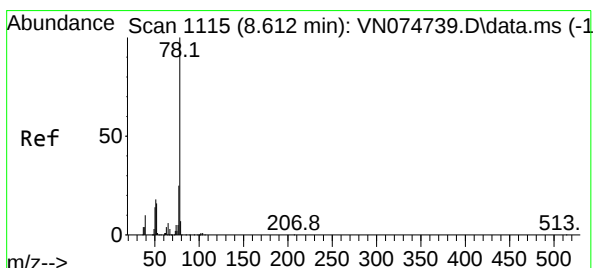
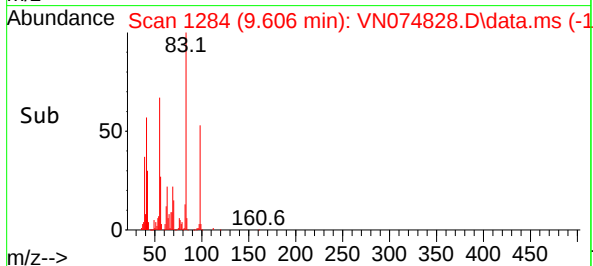
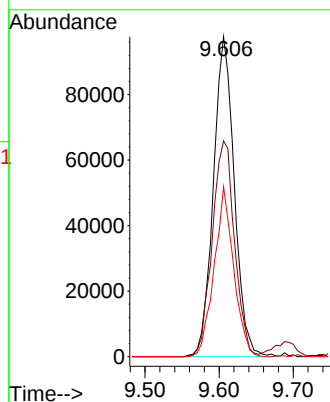
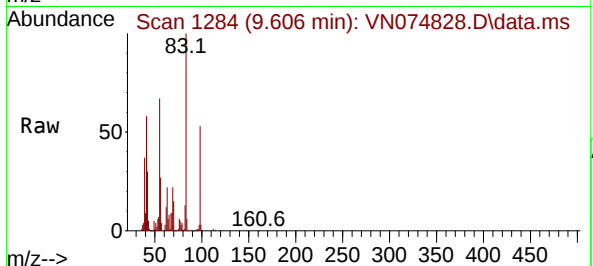
Tgt Ion:	83	Resp:	191829
Ion Ratio	Lower	Upper	
83	100		
55	67.5	57.3	85.9
98	53.1	33.4	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#40

Benzene

Concen: 20.747 ug/l

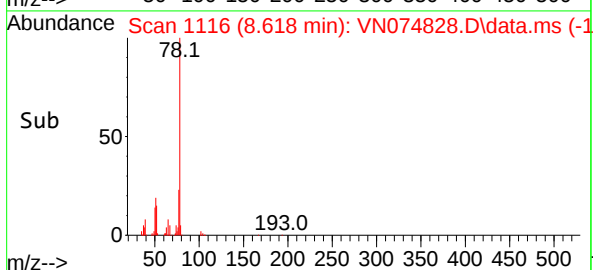
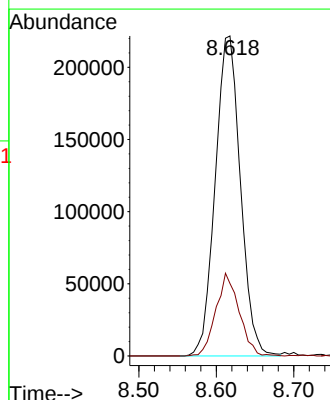
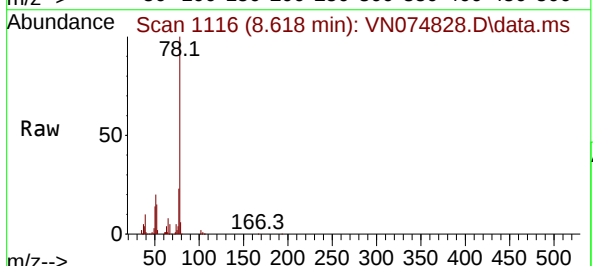
RT: 8.618 min Scan# 1116

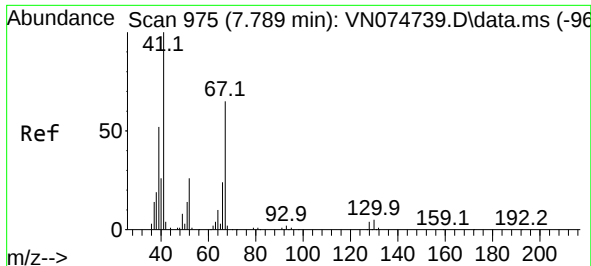
Delta R.T. 0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

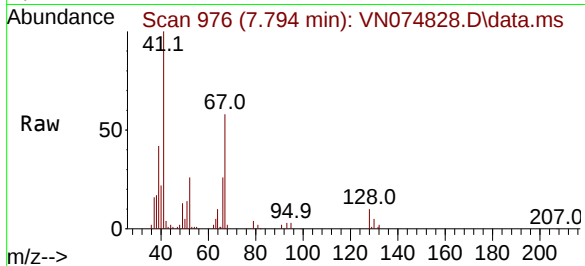
Tgt Ion:	78	Resp:	501952
Ion Ratio	Lower	Upper	
78	100		
77	22.7	20.1	30.1





#41
Methacrylonitrile
Concen: 20.054 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

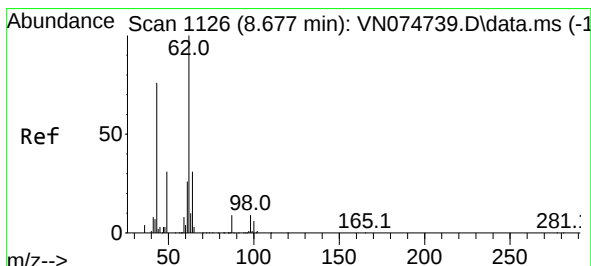
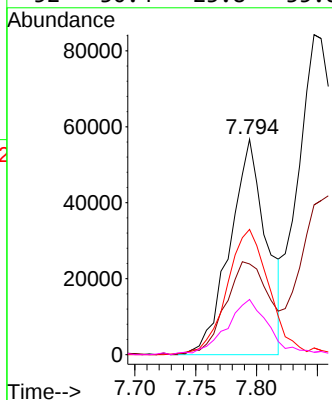
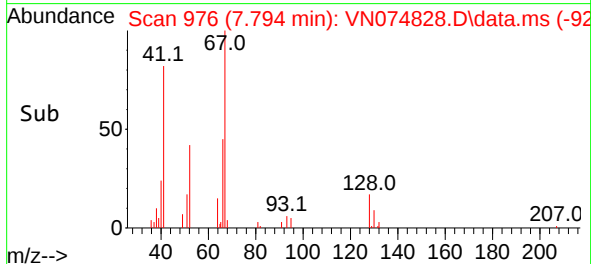
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



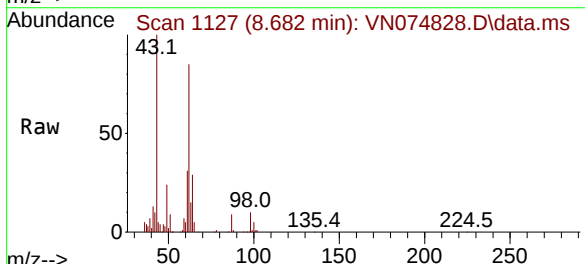
Tgt Ion: 41 Resp: 118428
Ion Ratio Lower Upper
41 100
39 51.1 43.3 64.9
67 68.3 60.2 90.2
52 30.4 23.8 35.8

Manual Integrations
APPROVED

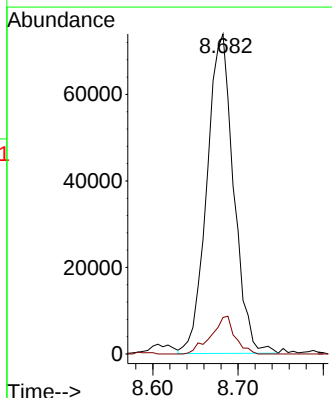
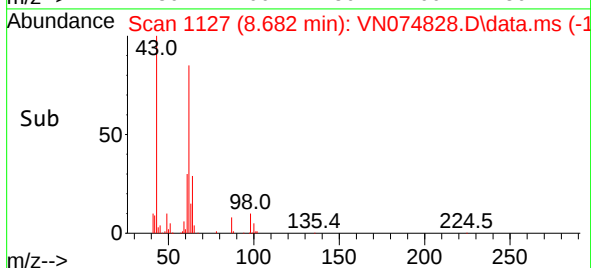
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

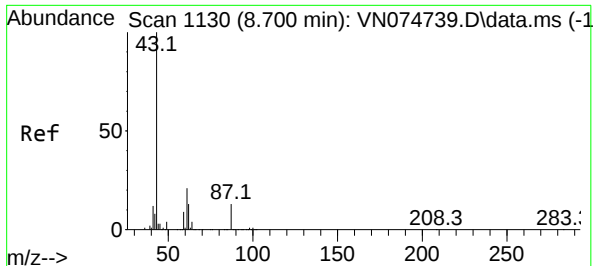


#42
1,2-Dichloroethane
Concen: 21.262 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



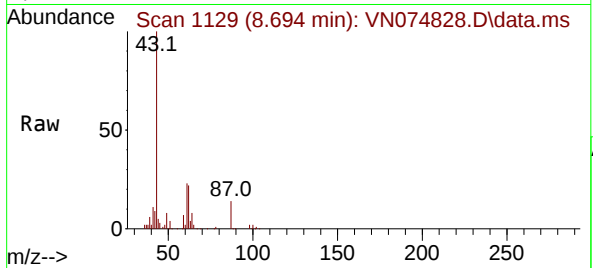
Tgt Ion: 62 Resp: 161471
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.394 ug/l
RT: 8.694 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

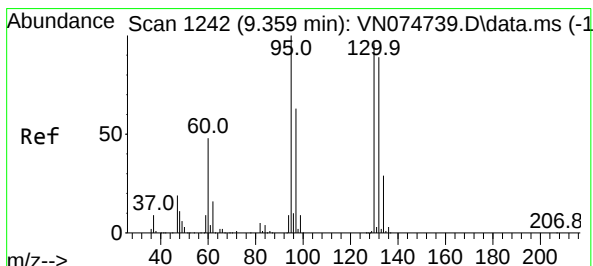
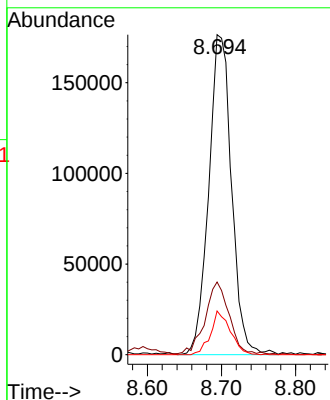
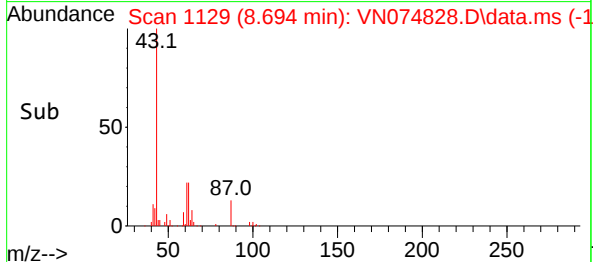
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 43 Resp: 377795
Ion Ratio Lower Upper
43 100
61 24.3 19.4 29.0
87 11.8 10.1 15.1

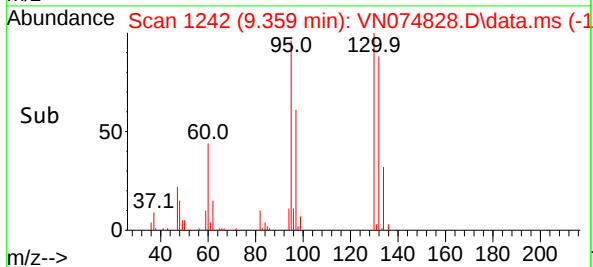
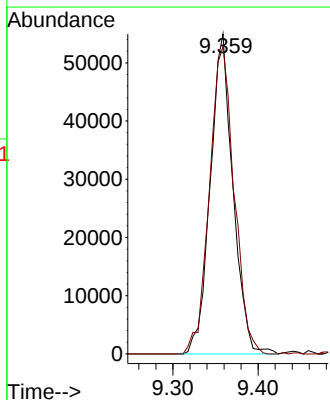
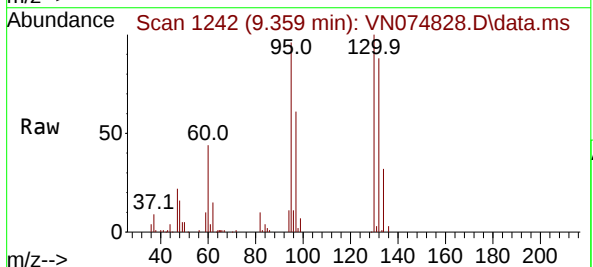
Manual Integrations
APPROVED

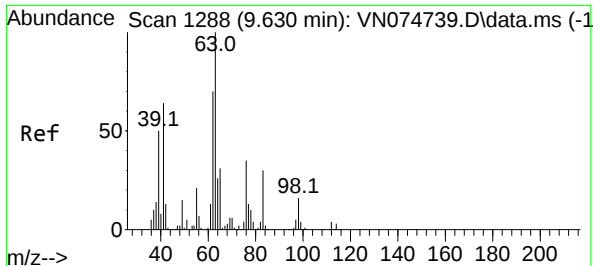
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#44
Trichloroethene
Concen: 20.124 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion:130 Resp: 101405
Ion Ratio Lower Upper
130 100
95 96.1 0.0 207.6





#45

1,2-Dichloropropane

Concen: 20.386 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 63 Resp: 13354

Ion Ratio Lower Upper

63 100

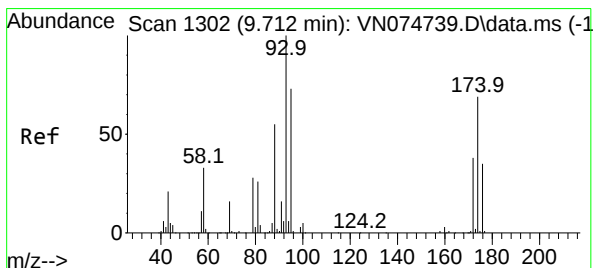
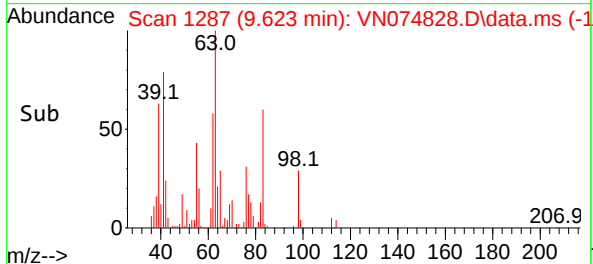
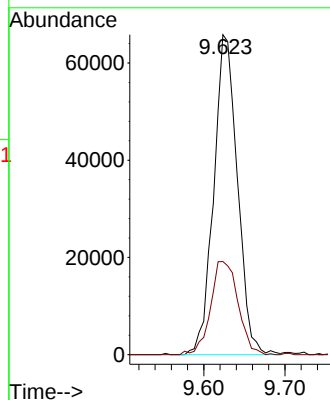
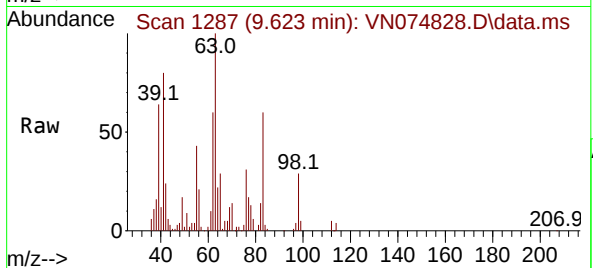
65 29.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#46

Dibromomethane

Concen: 21.675 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

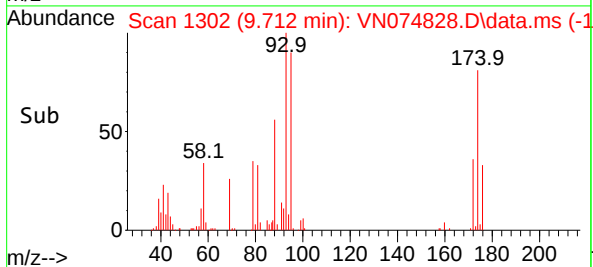
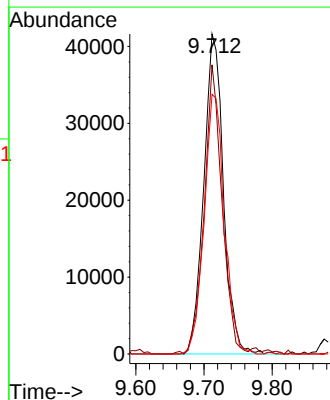
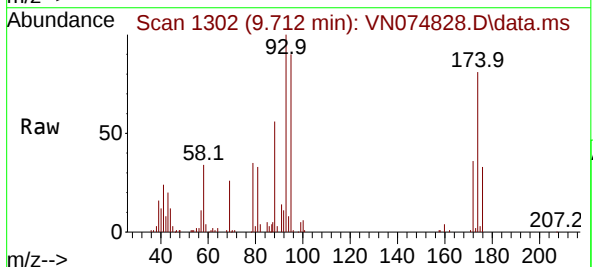
Tgt Ion: 93 Resp: 83320

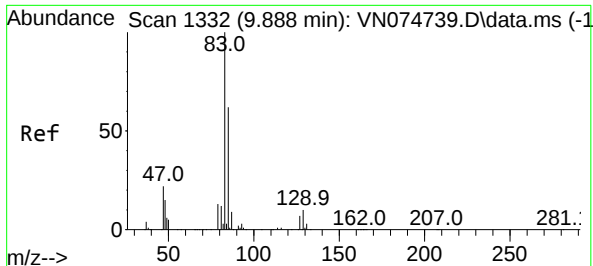
Ion Ratio Lower Upper

93 100

95 82.2 63.4 95.2

174 83.3 60.5 90.7





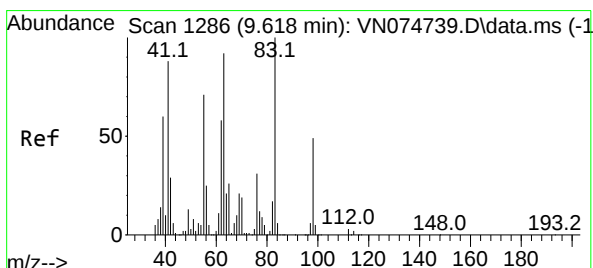
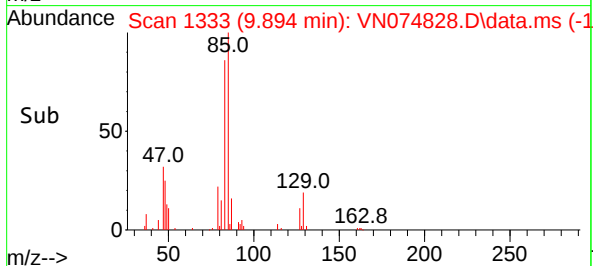
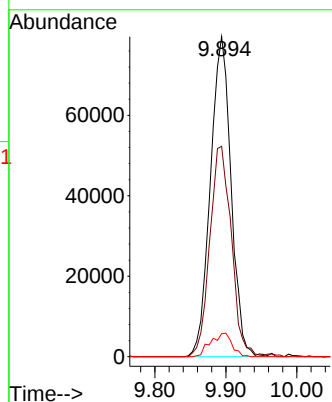
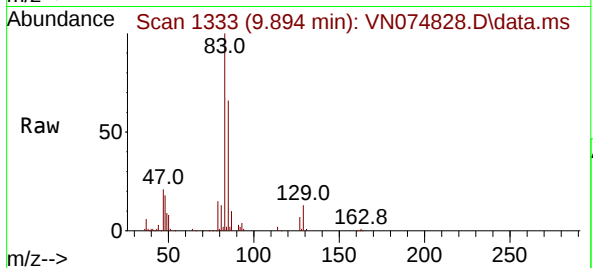
#47
Bromodichloromethane
Concen: 20.508 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion: 83 Resp: 16106
Ion Ratio Lower Upper
83 100
85 65.7 49.7 74.5
127 7.2 5.8 8.8

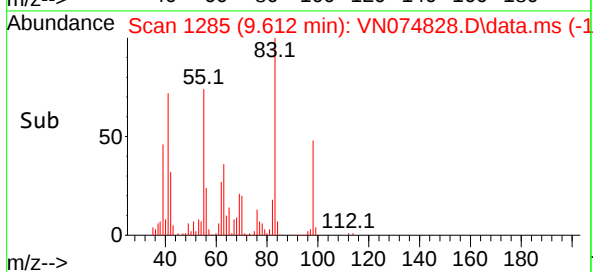
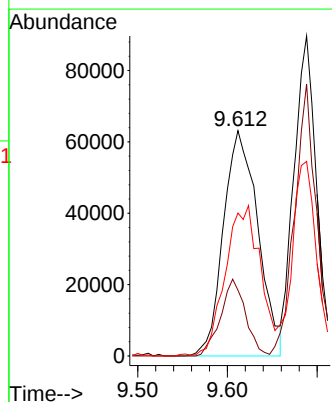
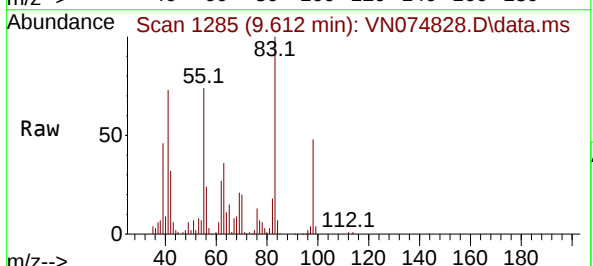
Manual Integrations
APPROVED

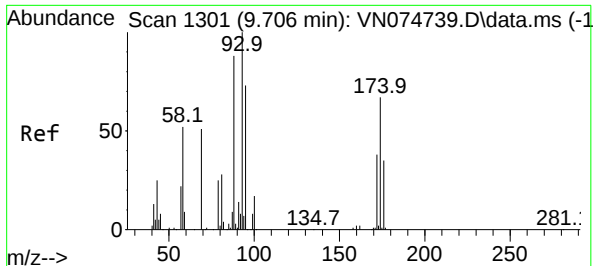
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#48
Methyl methacrylate
Concen: 22.235 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

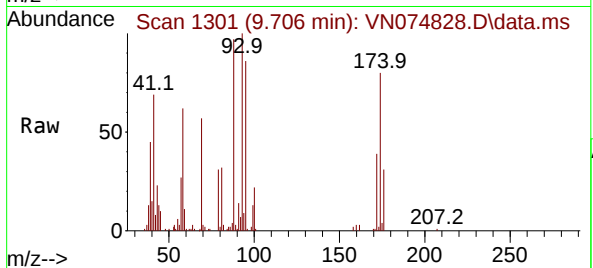
Tgt Ion: 41 Resp: 169105
Ion Ratio Lower Upper
41 100
69 24.7 0.0 0.0#
39 67.5 54.4 81.6





#49
1,4-Dioxane
Concen: 380.848 ug/l
RT: 9.706 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

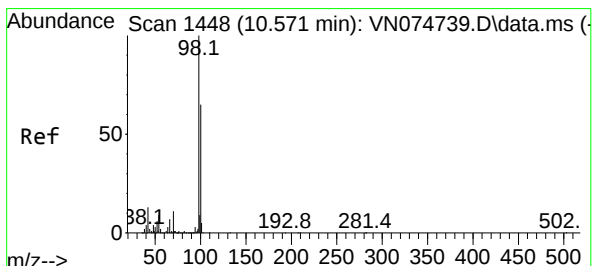
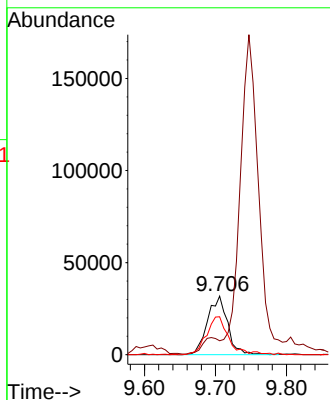
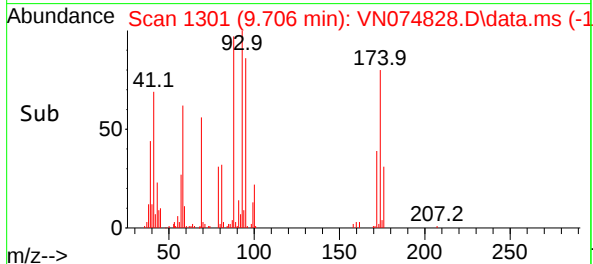
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 88 Resp: 62778
Ion Ratio Lower Upper
88 100
43 23.9 23.4 35.2
58 71.1 54.9 82.3

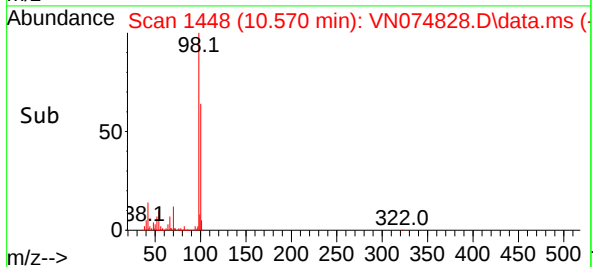
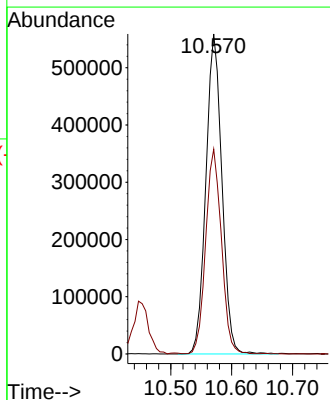
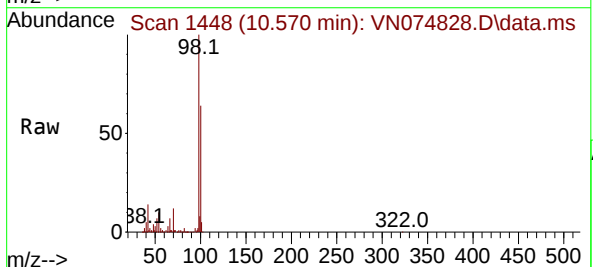
Manual Integrations
APPROVED

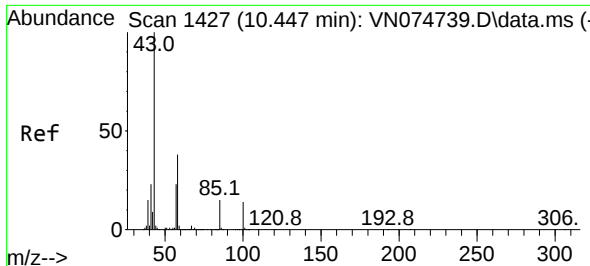
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#50
Toluene-d8
Concen: 51.598 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

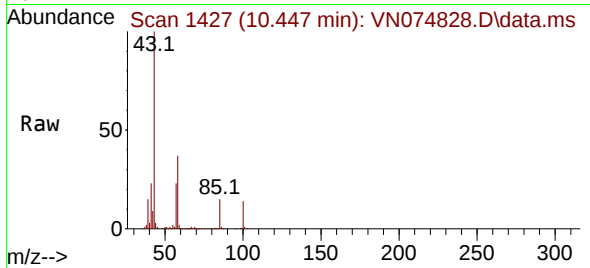
Tgt Ion: 98 Resp: 1022268
Ion Ratio Lower Upper
98 100
100 62.6 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 102.744 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

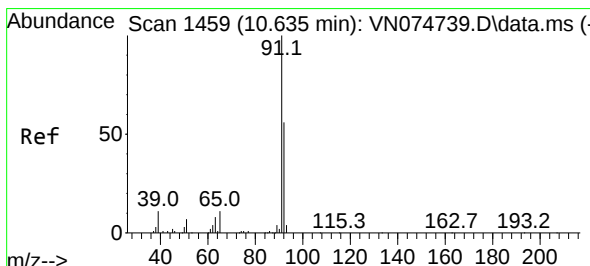
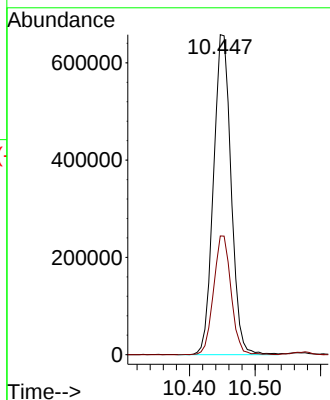
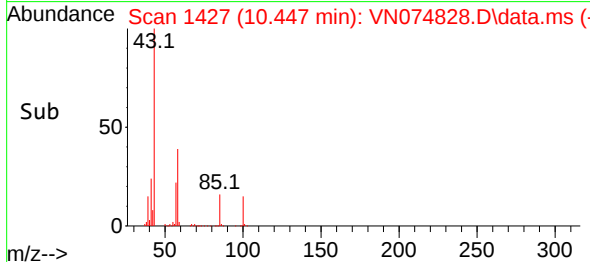
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



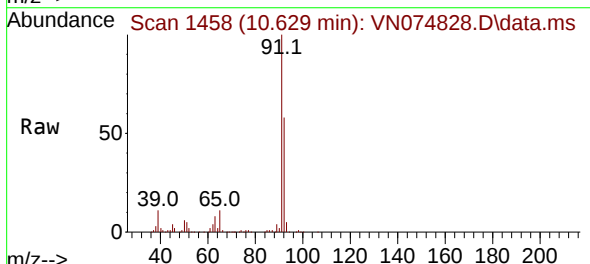
Tgt Ion: 43 Resp: 122566
Ion Ratio Lower Upper
43 100
58 36.8 30.6 45.8

Manual Integrations
APPROVED

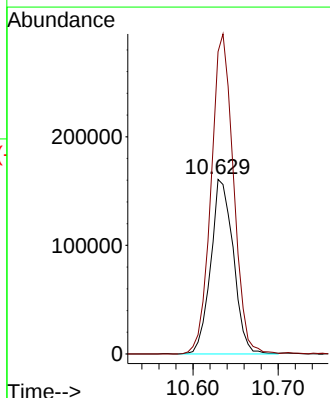
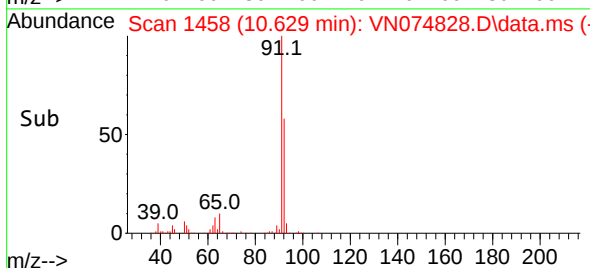
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

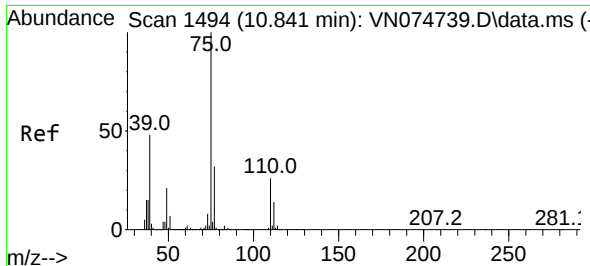


#52
Toluene
Concen: 20.377 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



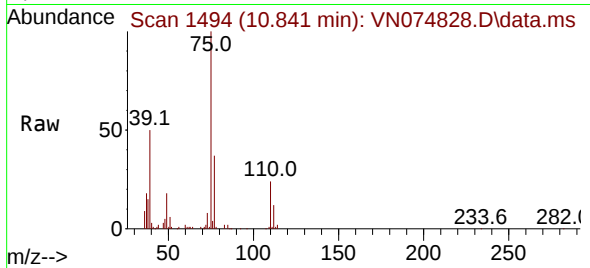
Tgt Ion: 92 Resp: 296163
Ion Ratio Lower Upper
92 100
91 181.6 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 19.436 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

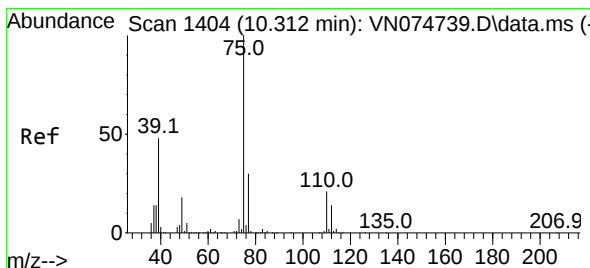
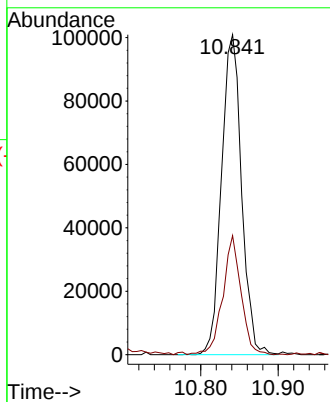
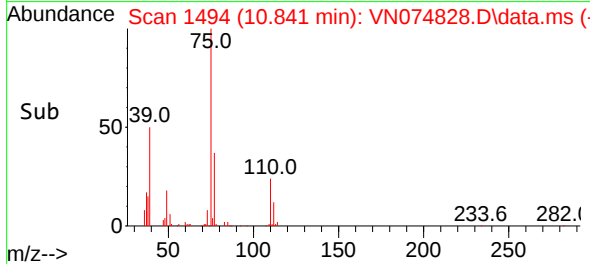
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 75 Resp: 181878
Ion Ratio Lower Upper
75 100
77 37.0 26.0 39.0

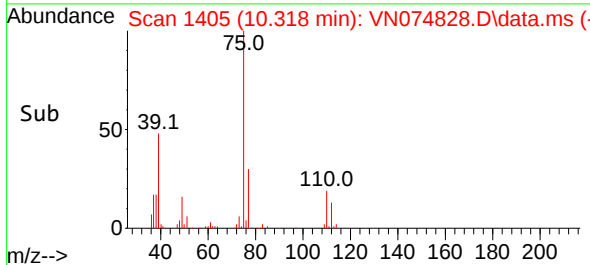
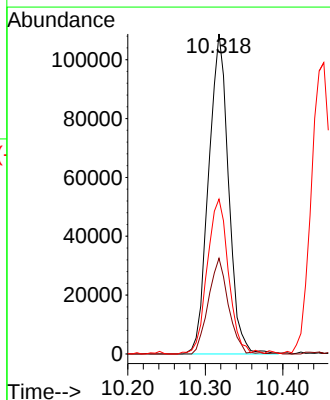
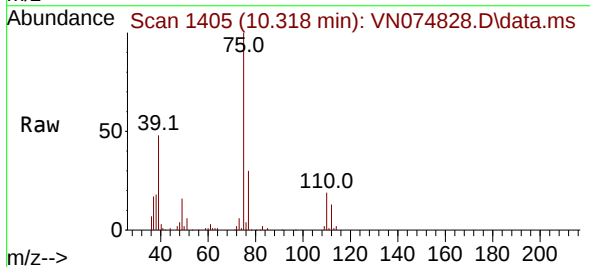
Manual Integrations
APPROVED

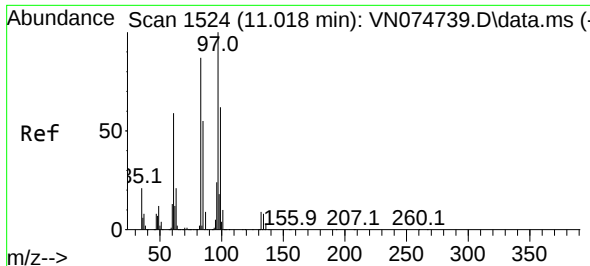
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#54
cis-1,3-Dichloropropene
Concen: 19.297 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

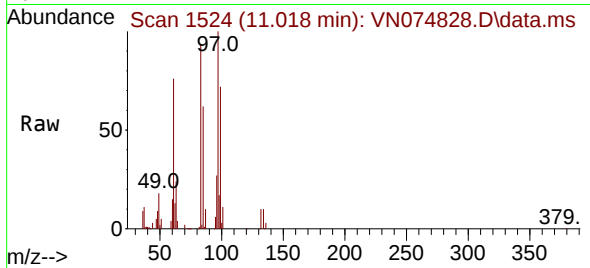
Tgt Ion: 75 Resp: 194959
Ion Ratio Lower Upper
75 100
77 29.9 24.4 36.6
39 48.4 38.6 57.8





#55
1,1,2-Trichloroethane
Concen: 21.033 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

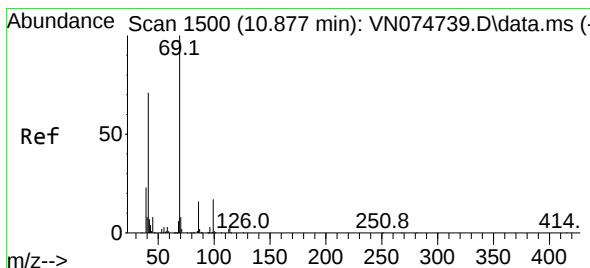
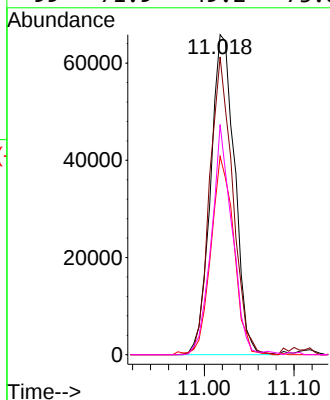
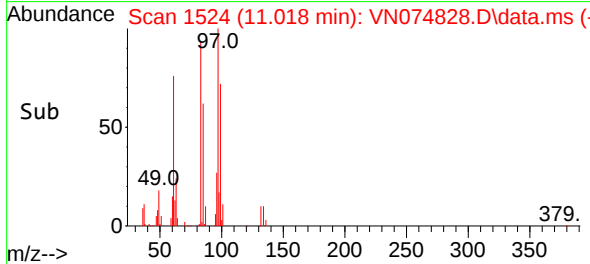
Instrument : MSVOA_N
ClientSampleId : VN1010WBS01



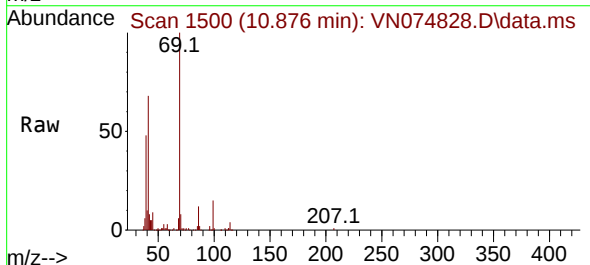
Tgt Ion: 97	Resp: 12291
Ion Ratio	Lower Upper
97 100	
83 93.0	69.7 104.5
85 61.9	43.8 65.6
99 71.9	49.2 73.8

Manual Integrations
APPROVED

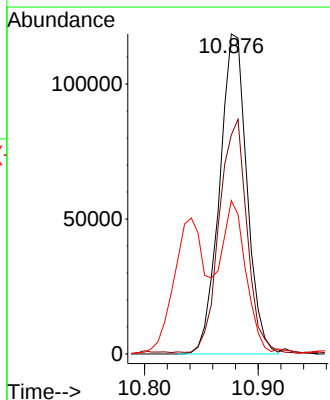
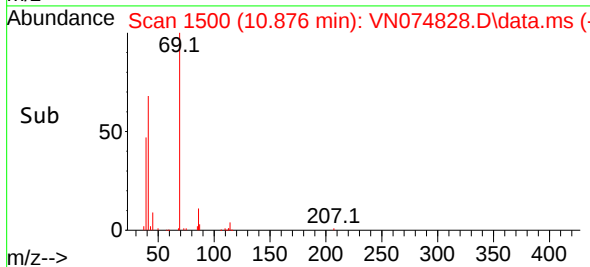
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

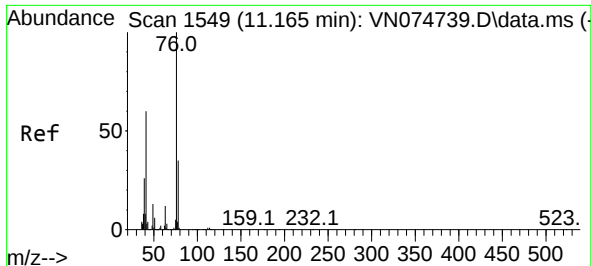


#56
Ethyl methacrylate
Concen: 18.591 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



Tgt Ion: 69	Resp: 197882
Ion Ratio	Lower Upper
69 100	
41 74.3	54.9 82.3
39 43.9	31.5 47.3





#57

1,3-Dichloropropane

Concen: 20.575 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion: 76 Resp: 21671

Ion Ratio Lower Upper

76 100

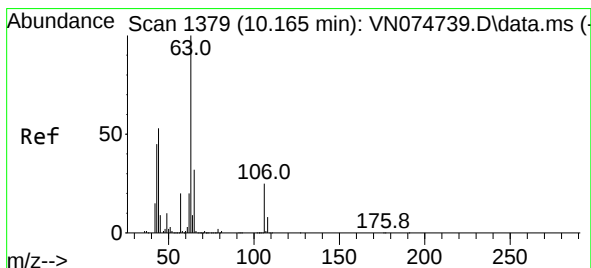
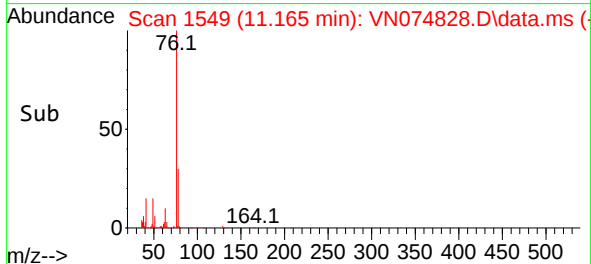
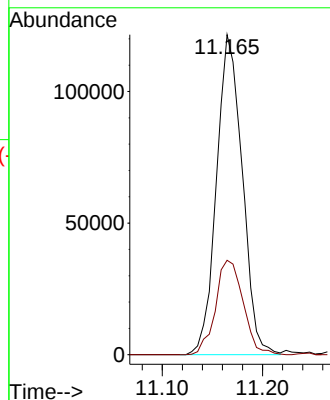
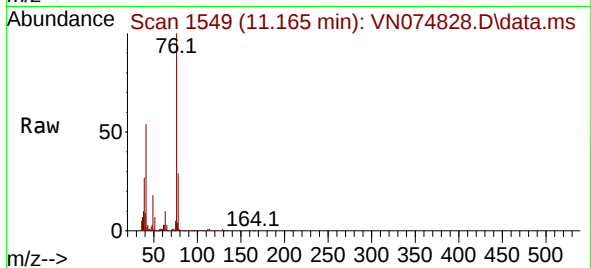
78 31.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 101.570 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074828.D

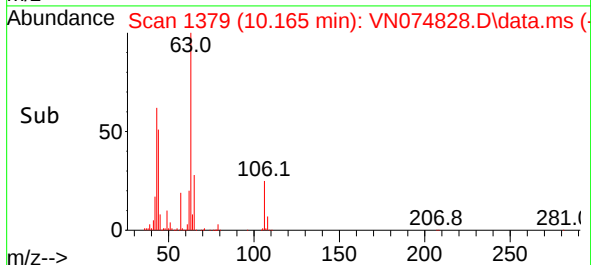
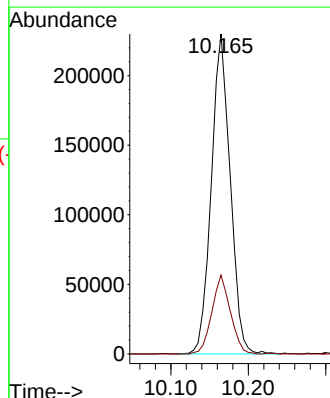
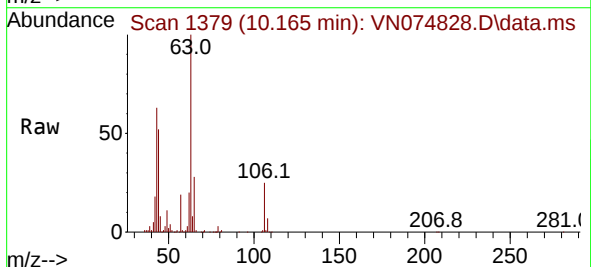
Acq: 10 Oct 2022 13:26

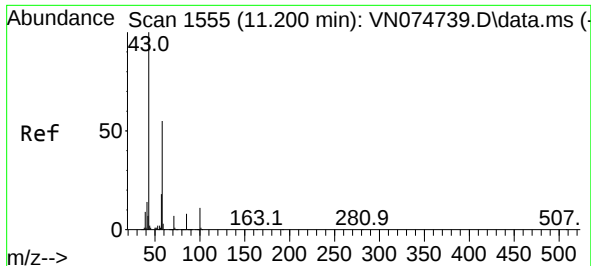
Tgt Ion: 63 Resp: 389931

Ion Ratio Lower Upper

63 100

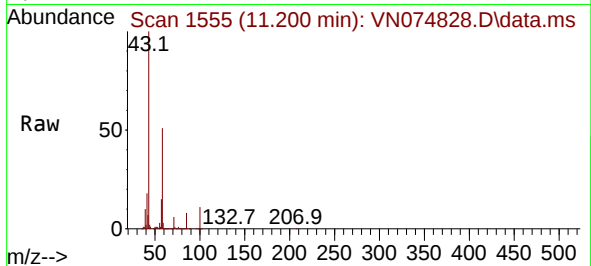
106 24.0 20.0 30.0





#59
2-Hexanone
Concen: 102.658 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

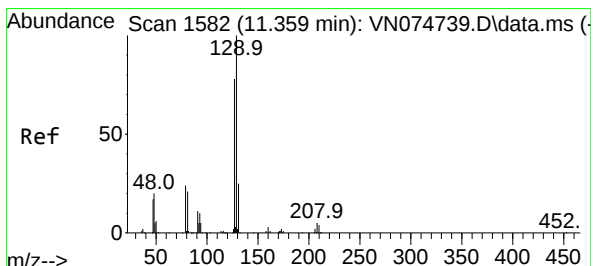
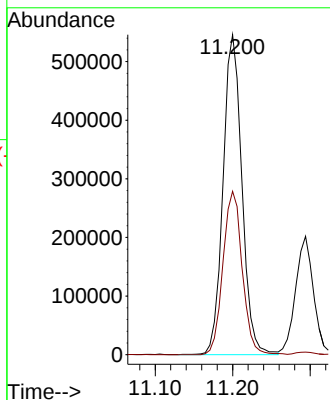
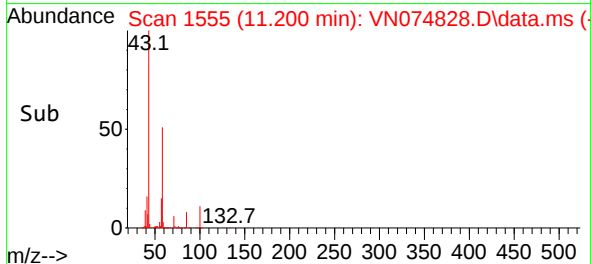
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 43 Resp: 926308
Ion Ratio Lower Upper
43 100
58 52.1 27.3 81.9

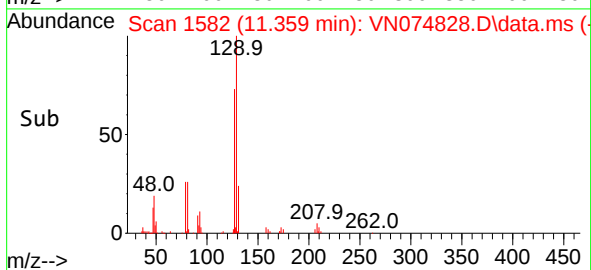
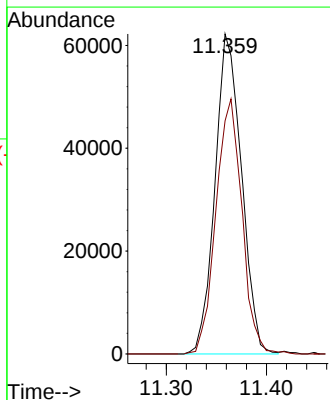
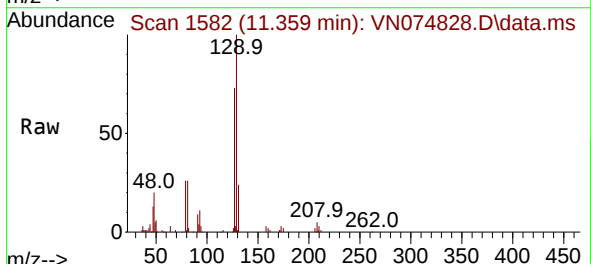
Manual Integrations
APPROVED

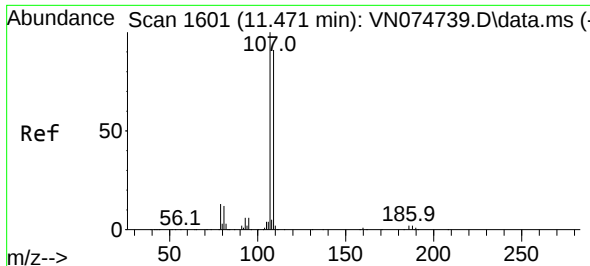
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#60
Dibromochloromethane
Concen: 19.860 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

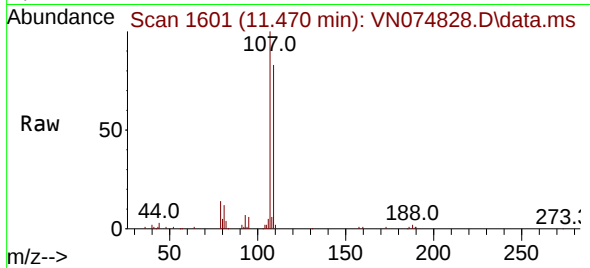
Tgt Ion:129 Resp: 114335
Ion Ratio Lower Upper
129 100
127 78.3 39.5 118.3





#61
1,2-Dibromoethane
Concen: 21.133 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

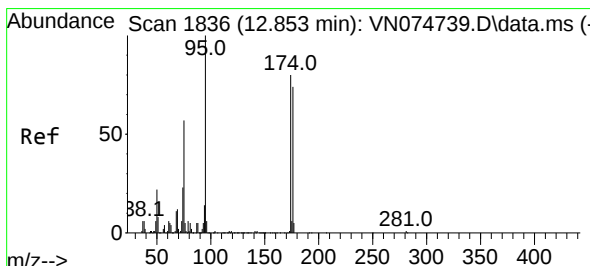
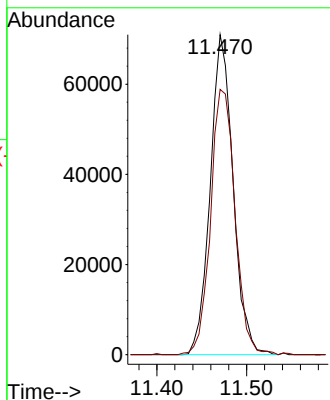
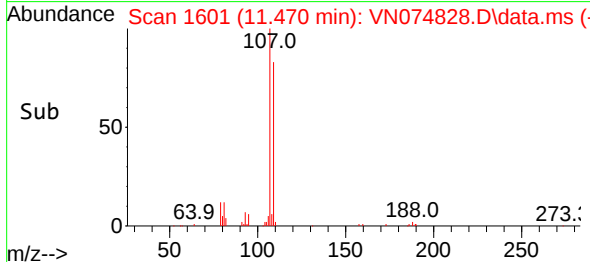
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion:107 Resp: 12558
Ion Ratio Lower Upper
107 100
109 88.4 74.2 111.2

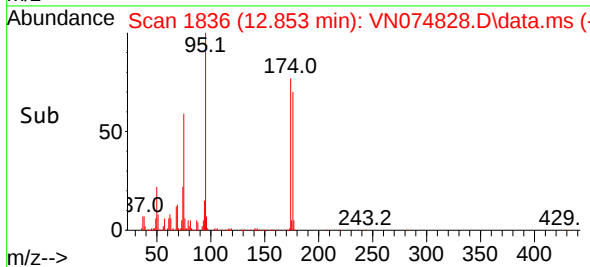
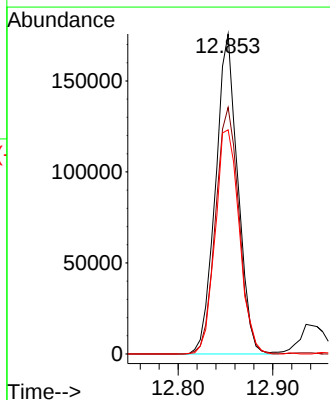
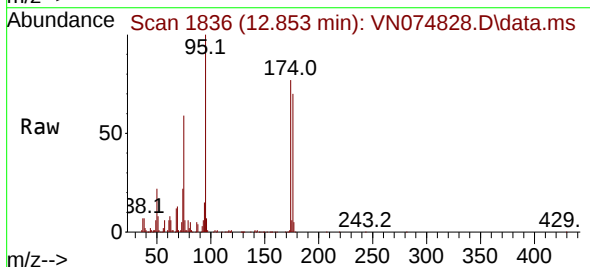
Manual Integrations
APPROVED

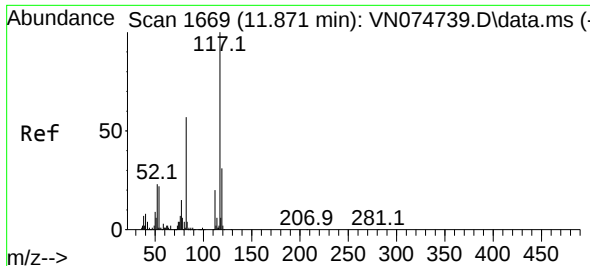
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#62
4-Bromofluorobenzene
Concen: 47.773 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

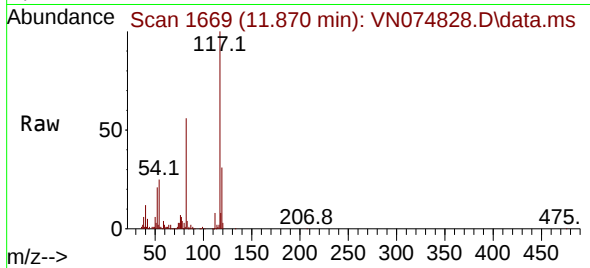
Tgt Ion: 95 Resp: 287719
Ion Ratio Lower Upper
95 100
174 81.2 0.0 149.4
176 75.7 0.0 142.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

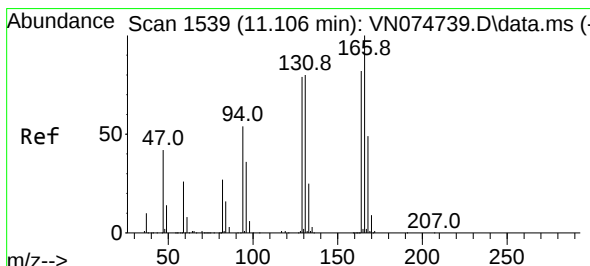
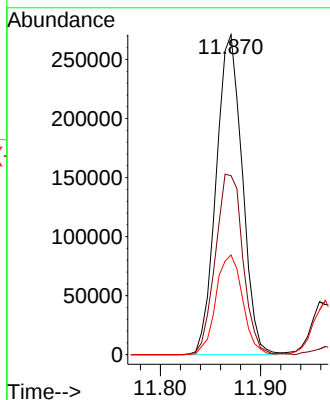
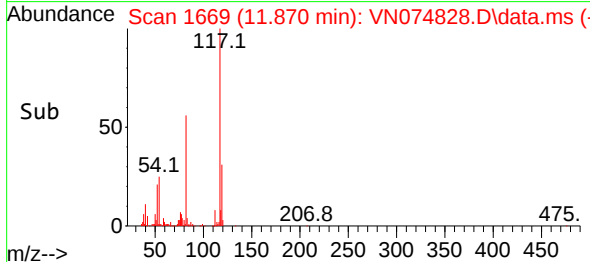
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion:117 Resp: 49034
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 31.2 25.1 37.7

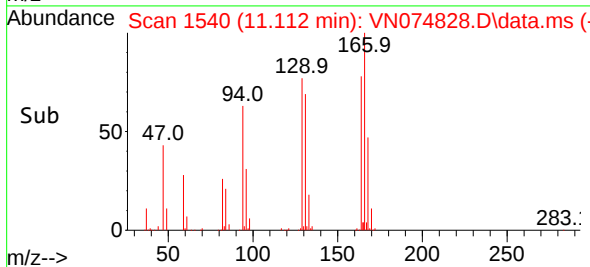
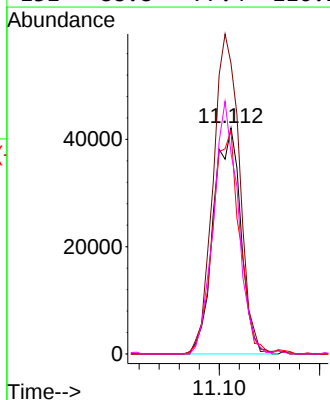
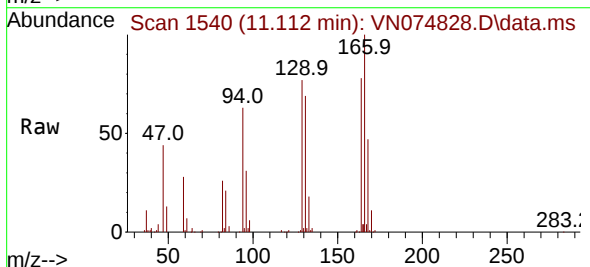
Manual Integrations
APPROVED

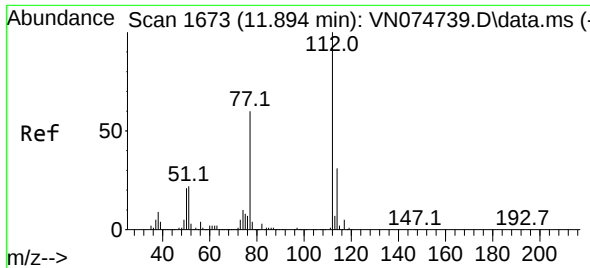
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#64
Tetrachloroethene
Concen: 20.065 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion:164 Resp: 79870
Ion Ratio Lower Upper
164 100
166 128.5 97.0 145.6
129 98.8 77.0 115.6
131 88.8 77.4 116.2





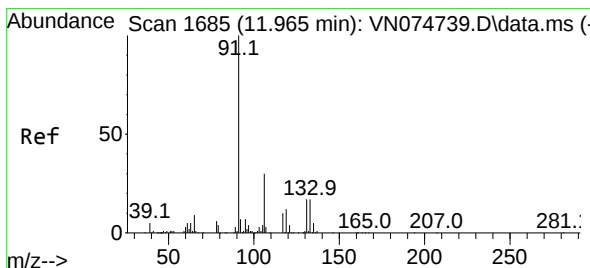
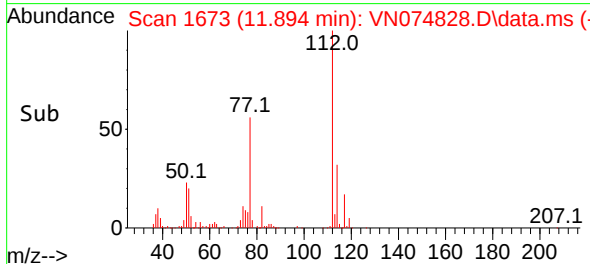
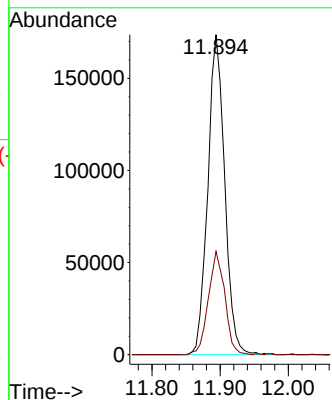
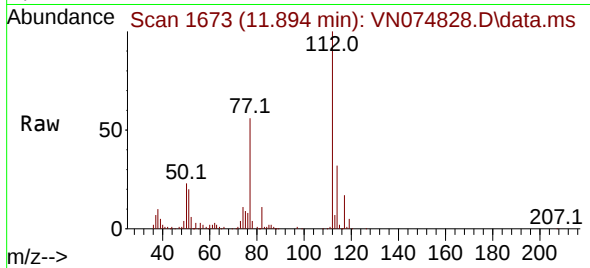
#65
Chlorobenzene
Concen: 19.975 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:112 Resp: 300062
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

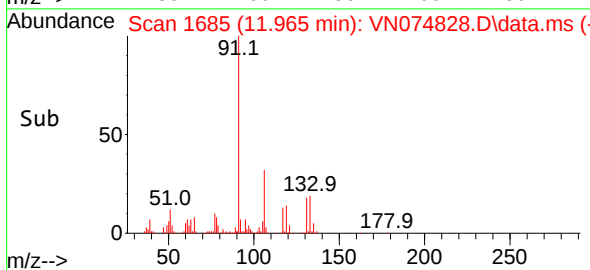
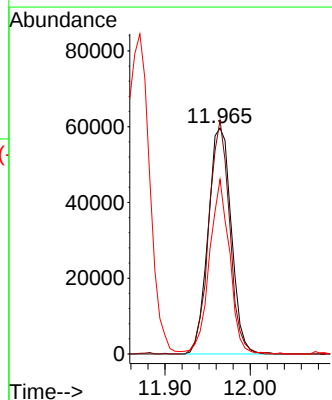
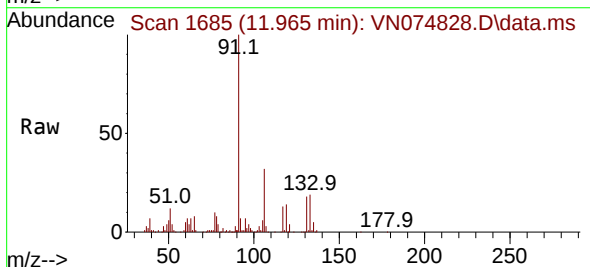
Manual Integrations
APPROVED

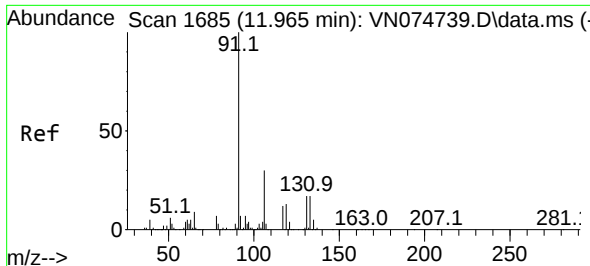
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.519 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

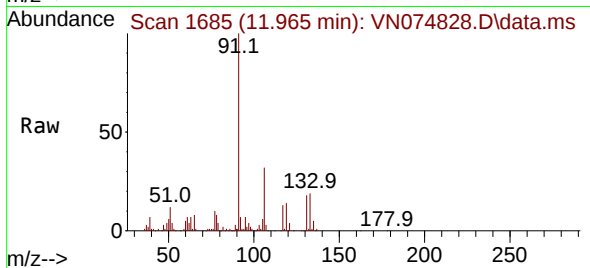
Tgt Ion:131 Resp: 112545
Ion Ratio Lower Upper
131 100
133 92.9 47.6 142.9
119 67.4 34.8 104.3





#67
Ethyl Benzene
Concen: 20.224 ug/l
RT: 11.965 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

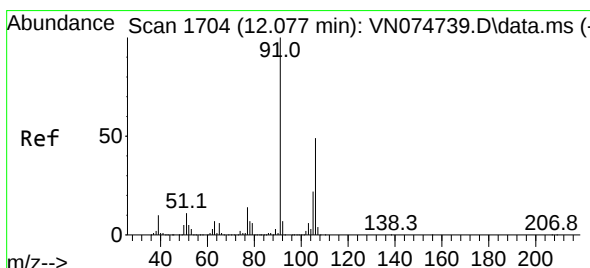
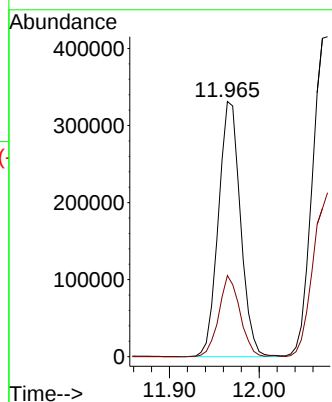
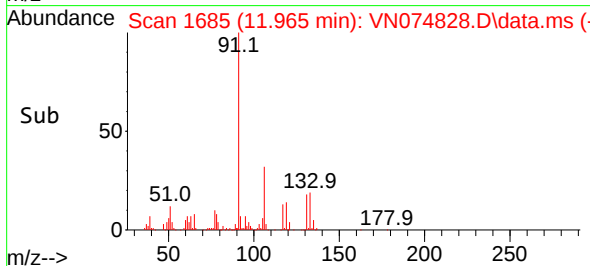
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



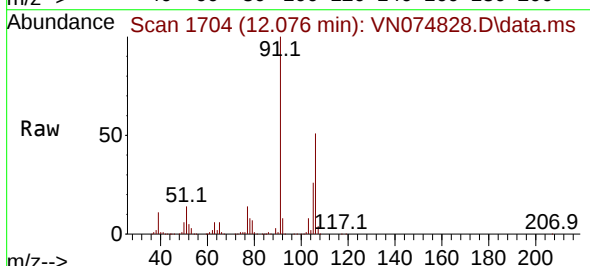
Tgt Ion: 91 Resp: 566268
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1

Manual Integrations
APPROVED

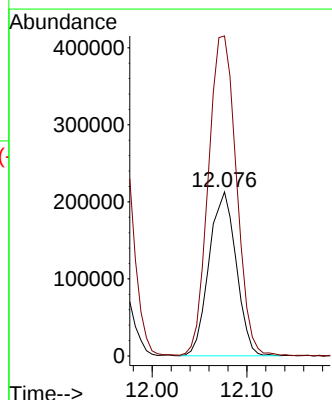
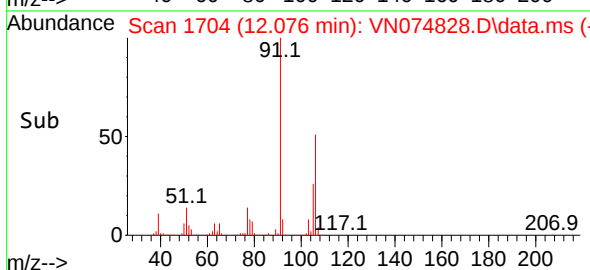
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

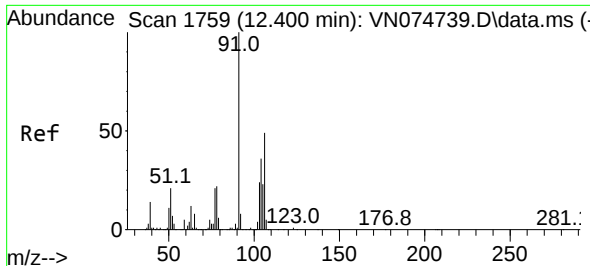


#68
m/p-Xylenes
Concen: 40.354 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



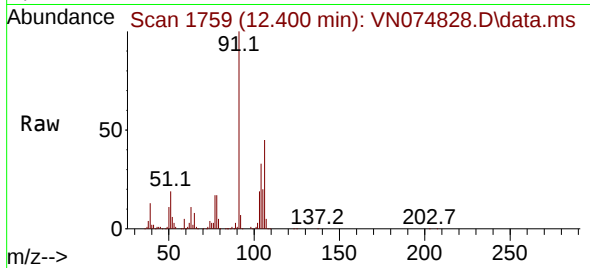
Tgt Ion:106 Resp: 424154
Ion Ratio Lower Upper
106 100
91 201.2 164.2 246.4





#69
o-Xylene
Concen: 19.798 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

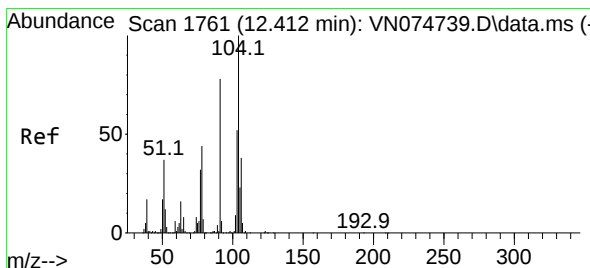
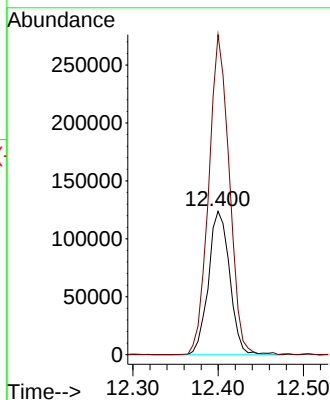
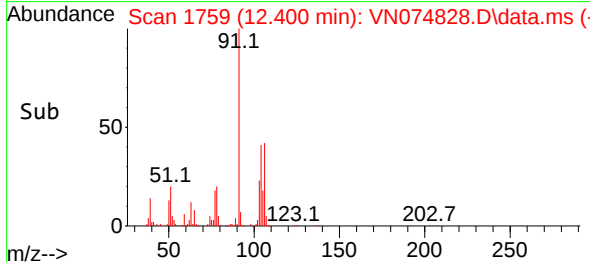
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



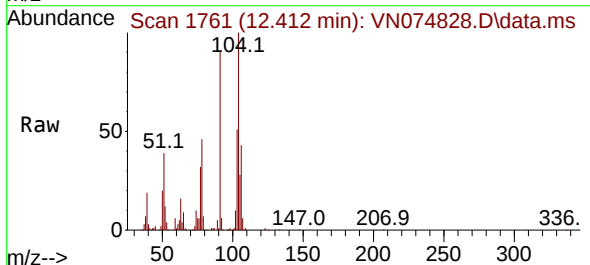
Tgt Ion:106 Resp: 213490
Ion Ratio Lower Upper
106 100
91 217.1 105.4 316.1

Manual Integrations
APPROVED

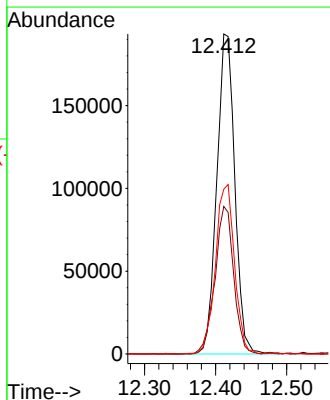
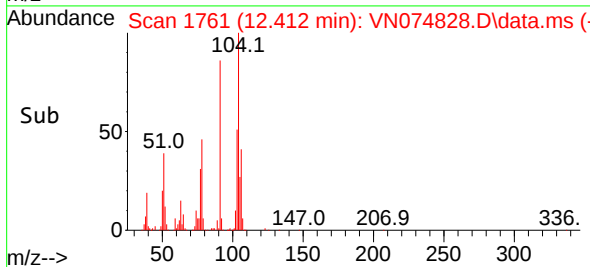
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

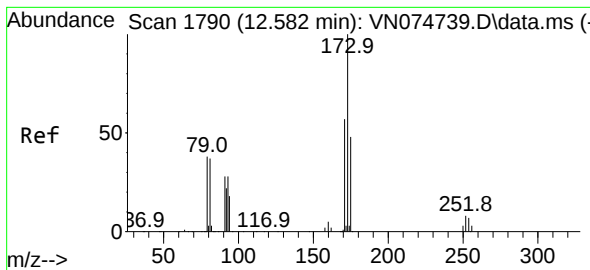


#70
Styrene
Concen: 19.898 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



Tgt Ion:104 Resp: 338274
Ion Ratio Lower Upper
104 100
78 48.1 39.7 59.5
103 56.4 44.7 67.1





#71

Bromoform

Concen: 18.539 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

Tgt Ion:173 Resp: 7756

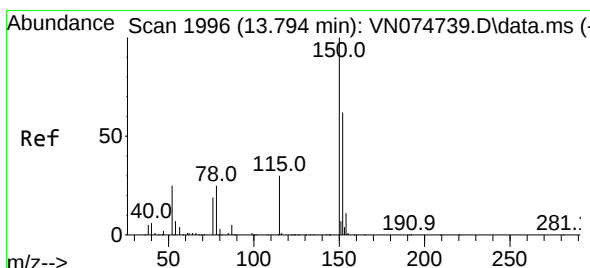
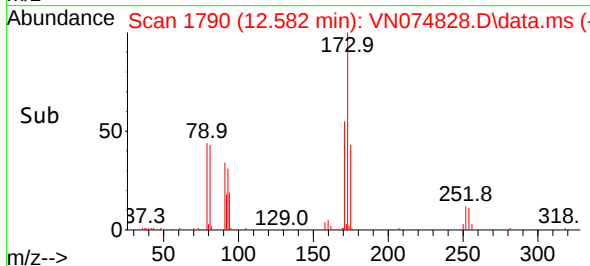
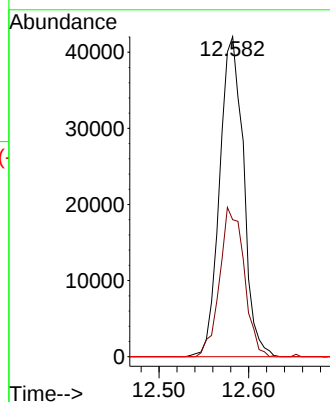
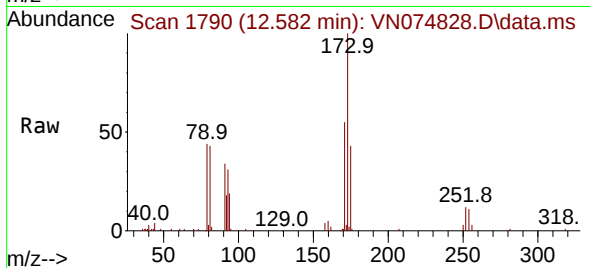
Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

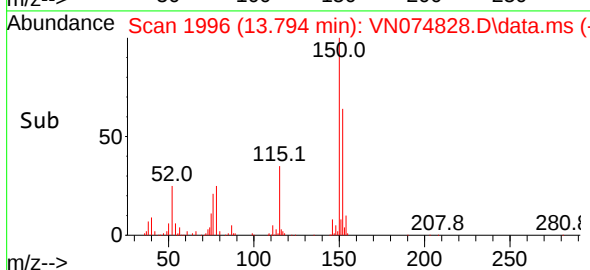
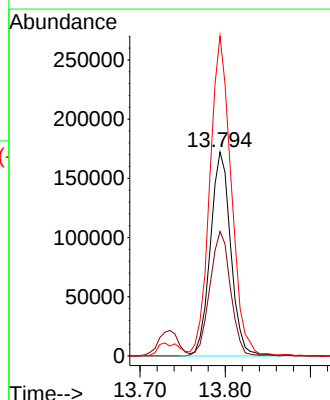
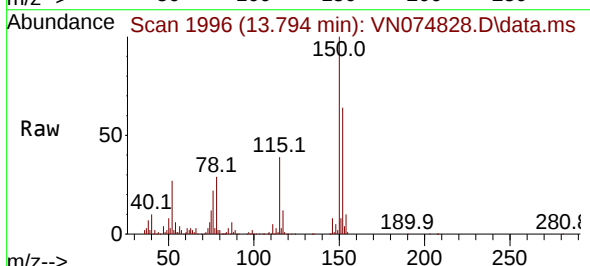
Delta R.T. -0.000 min

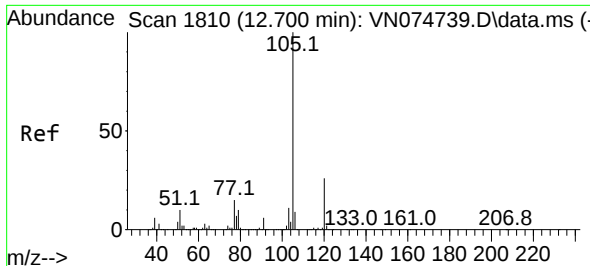
Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Tgt Ion:152 Resp: 285358

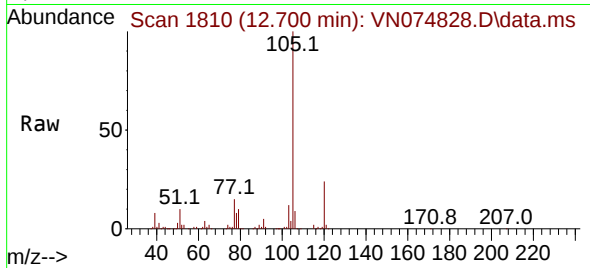
Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.0	90.0
150	165.1	0.0	356.4





#73
Isopropylbenzene
Concen: 19.840 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

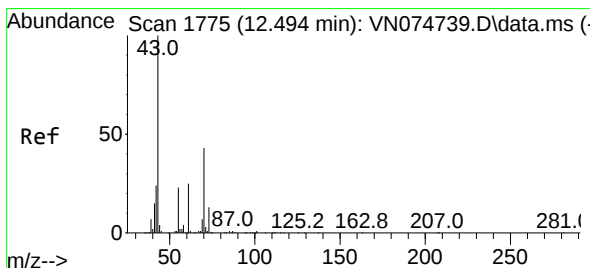
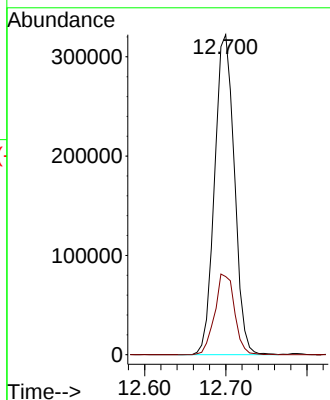
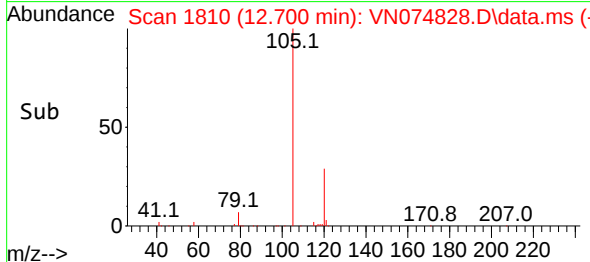
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



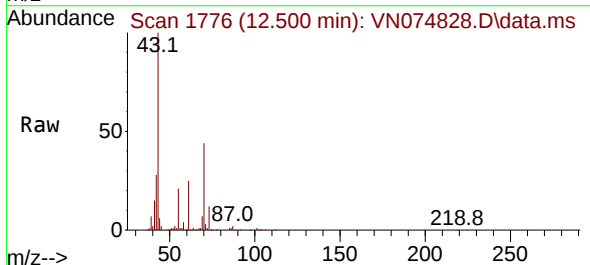
Tgt Ion:105 Resp: 544798
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.3

Manual Integrations
APPROVED

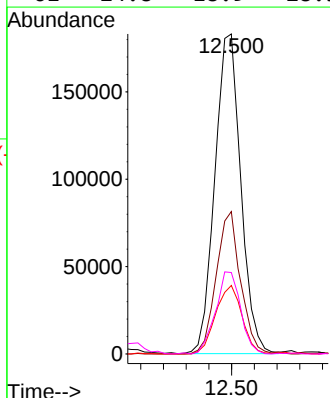
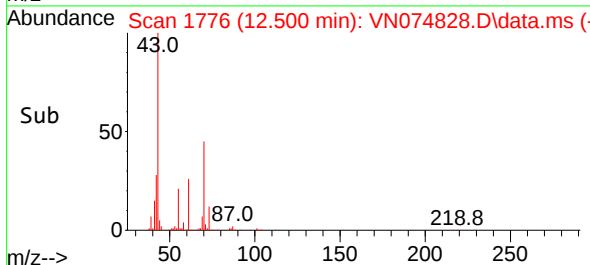
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

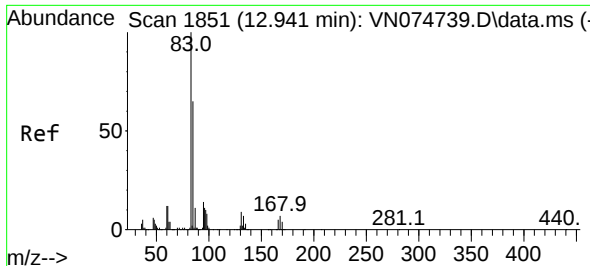


#74
N-ethyl acetate
Concen: 17.489 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



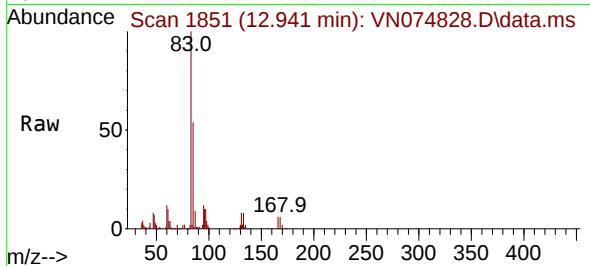
Tgt Ion: 43 Resp: 290364
Ion Ratio Lower Upper
43 100
70 41.9 32.9 49.3
55 21.8 17.8 26.6
61 24.8 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 21.439 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

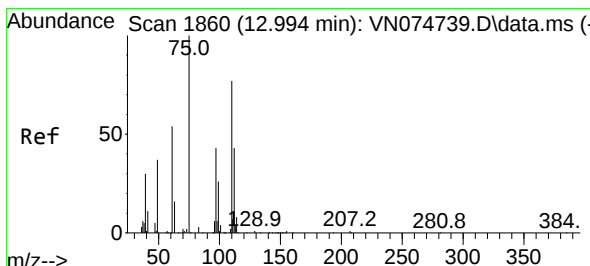
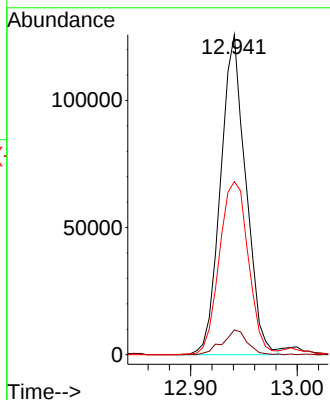
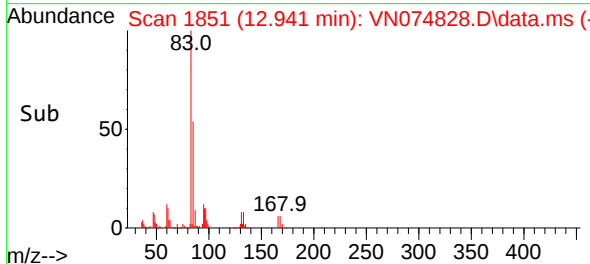
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 83 Resp: 207209
Ion Ratio Lower Upper
83 100
131 7.6 4.3 12.8
85 62.2 32.9 98.6

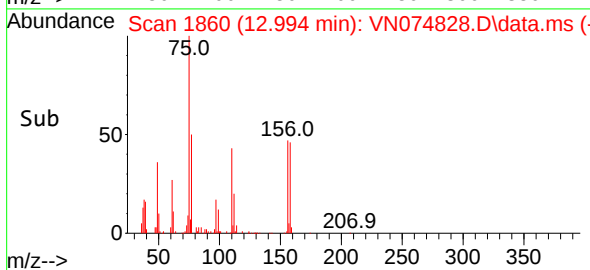
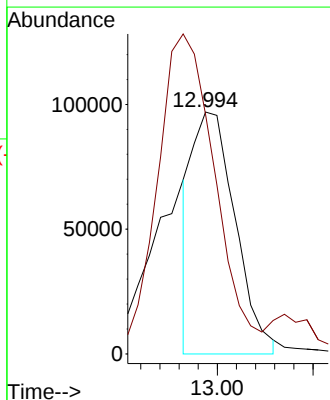
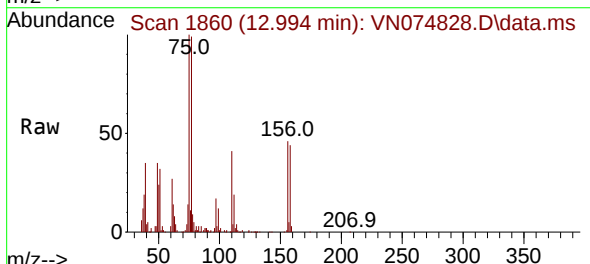
Manual Integrations
APPROVED

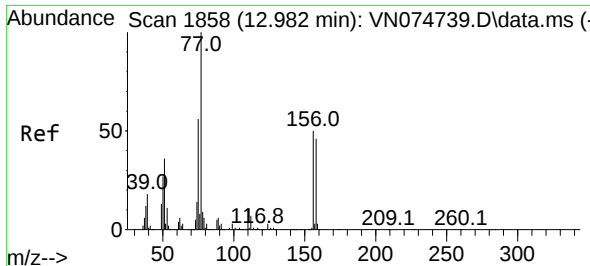
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#76
1,2,3-Trichloropropane
Concen: 17.688 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion: 75 Resp: 150648
Ion Ratio Lower Upper
75 100
77 179.2 76.9 230.7





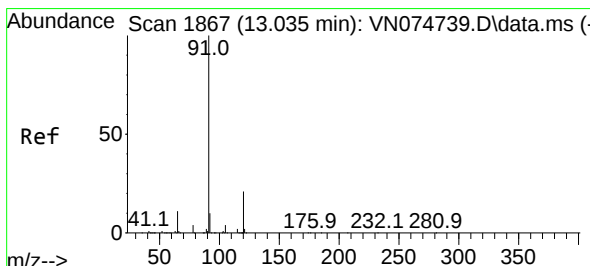
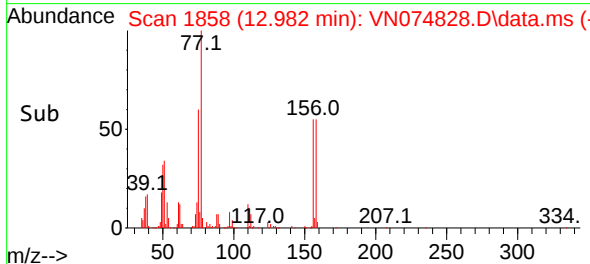
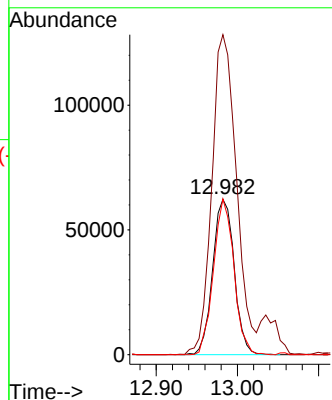
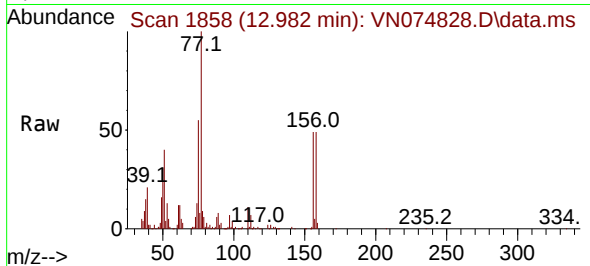
#77
Bromobenzene
Concen: 21.815 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:156 Resp: 11450
Ion Ratio Lower Upper
156 100
77 235.8 124.7 374.1
158 95.3 48.3 144.9

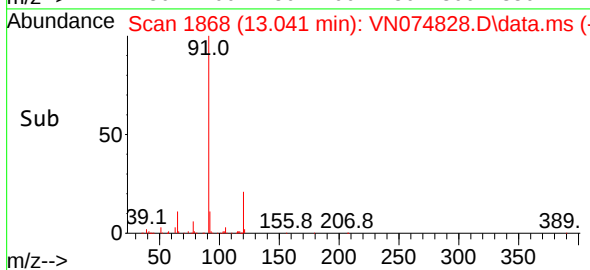
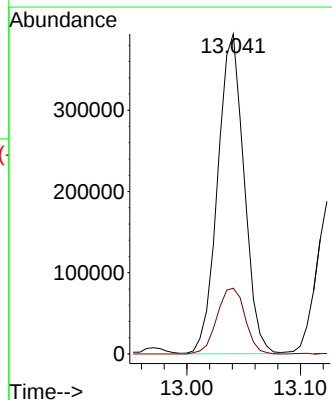
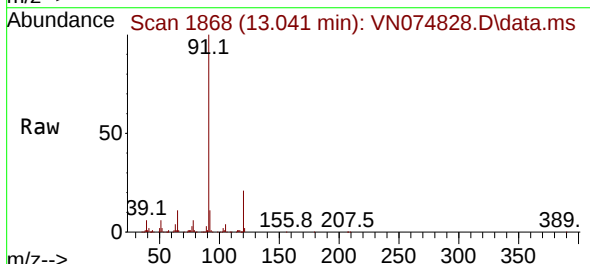
Manual Integrations
APPROVED

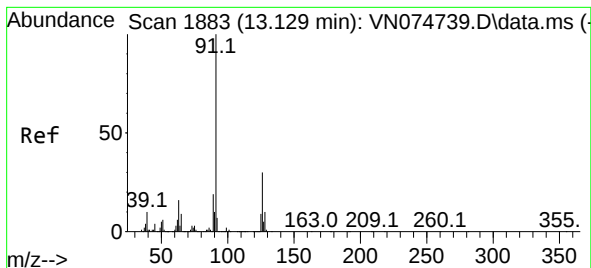
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#78
n-propylbenzene
Concen: 20.089 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

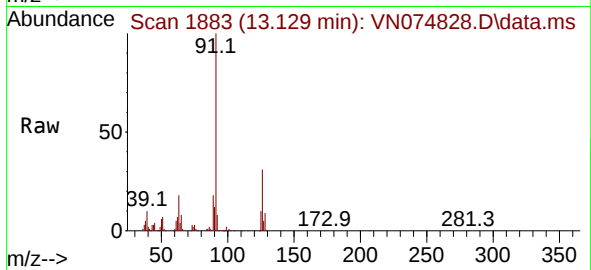
Tgt Ion: 91 Resp: 635525
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





#79
2-Chlorotoluene
Concen: 19.382 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

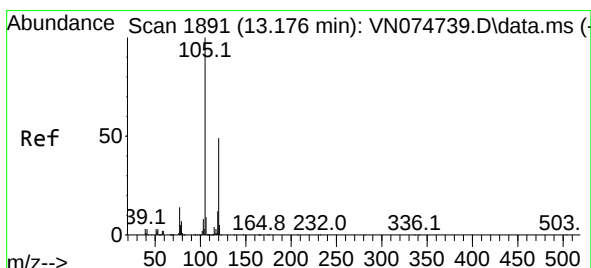
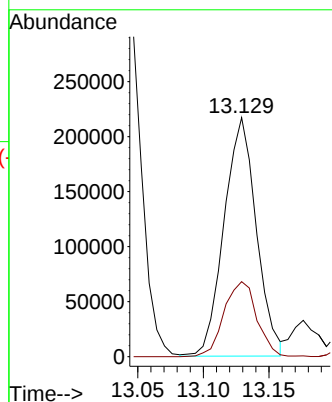
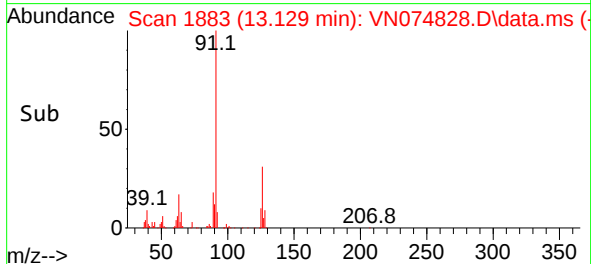
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



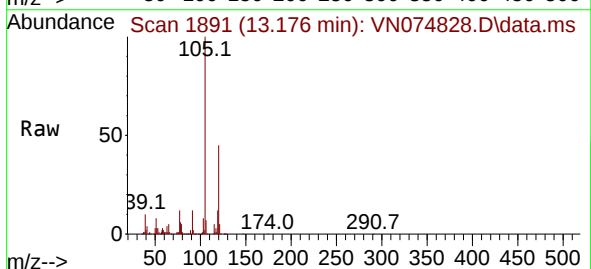
Tgt Ion: 91 Resp: 371815
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.0

Manual Integrations
APPROVED

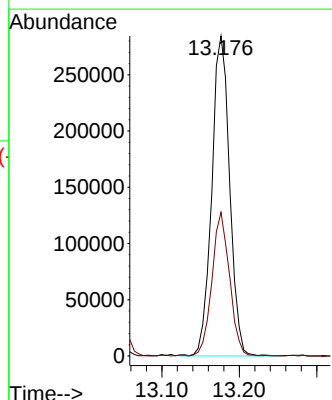
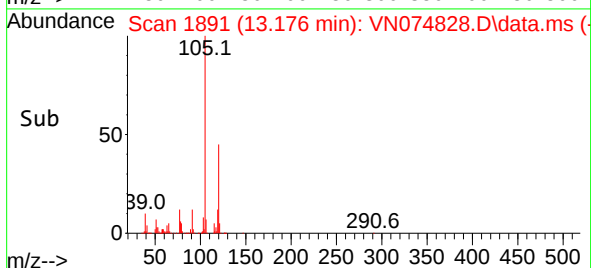
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

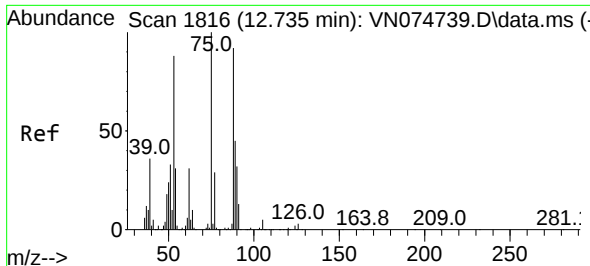


#80
1,3,5-Trimethylbenzene
Concen: 20.827 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26



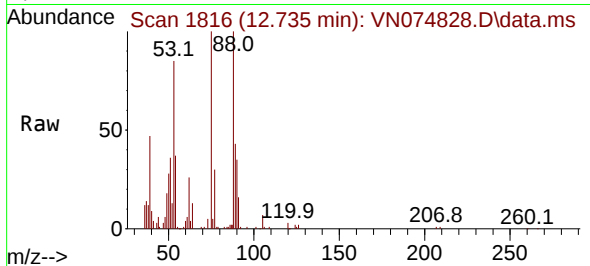
Tgt Ion:105 Resp: 456122
Ion Ratio Lower Upper
105 100
120 44.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.885 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

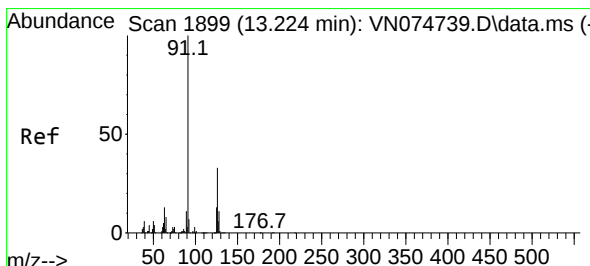
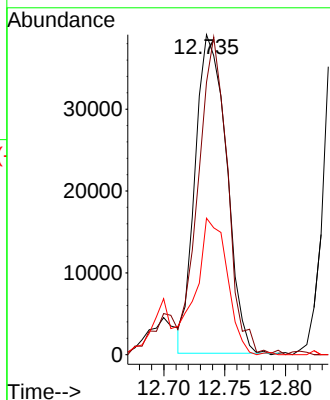
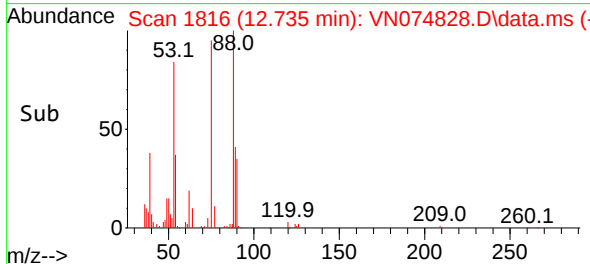
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 75 Resp: 69439
Ion Ratio Lower Upper
75 100
53 103.6 71.4 107.0
89 42.0 32.1 48.1

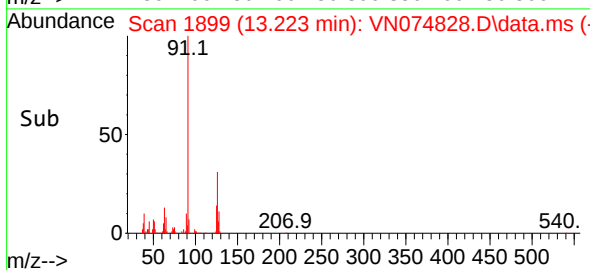
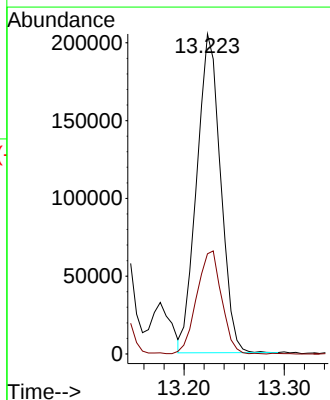
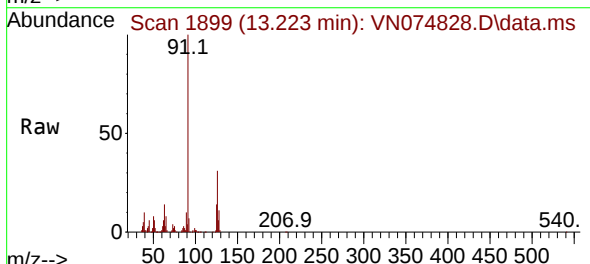
Manual Integrations
APPROVED

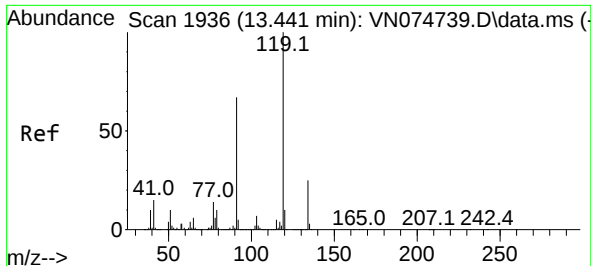
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#82
4-Chlorotoluene
Concen: 19.074 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion: 91 Resp: 339135
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.2





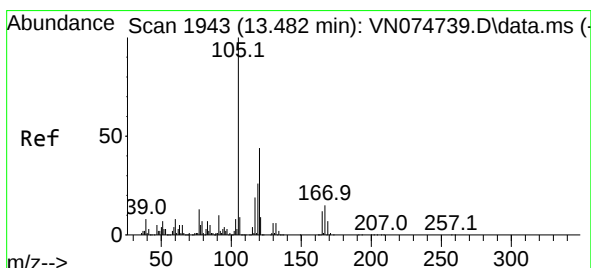
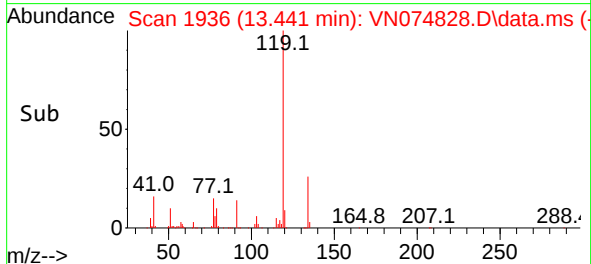
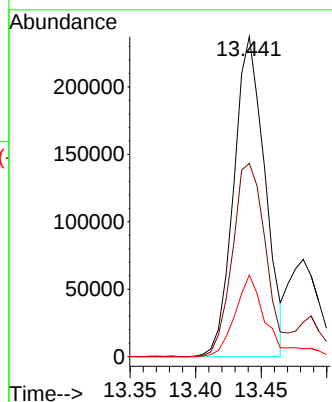
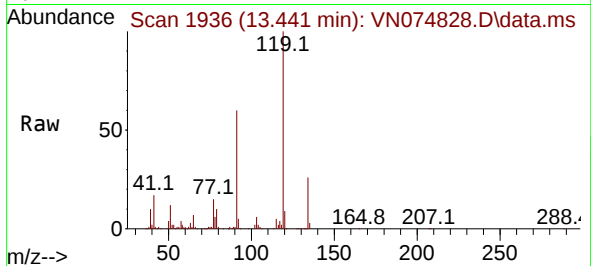
#83
tert-Butylbenzene
Concen: 20.656 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:119 Resp: 390915
Ion Ratio Lower Upper
119 100
91 65.2 33.0 98.9
134 26.2 13.2 39.5

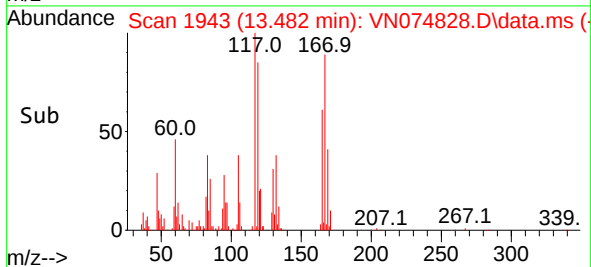
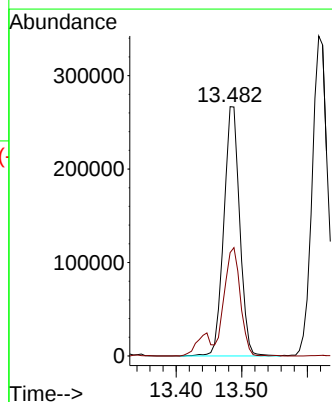
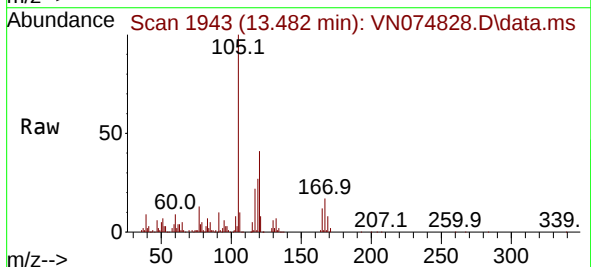
Manual Integrations
APPROVED

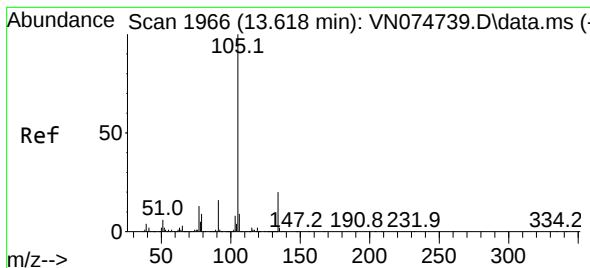
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.188 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

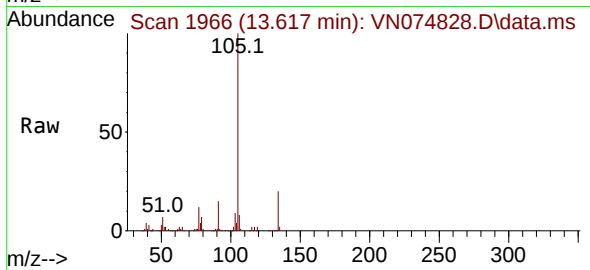
Tgt Ion:105 Resp: 447048
Ion Ratio Lower Upper
105 100
120 43.5 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 20.637 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26

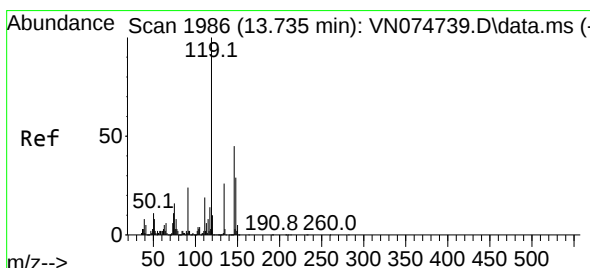
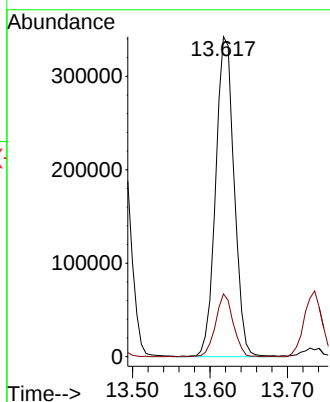
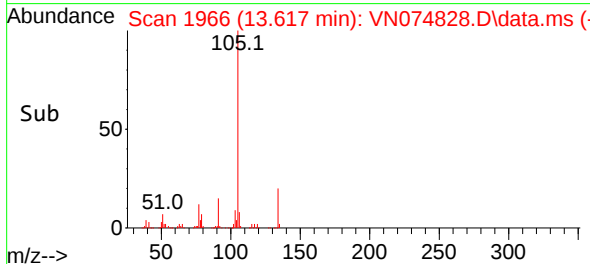
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01



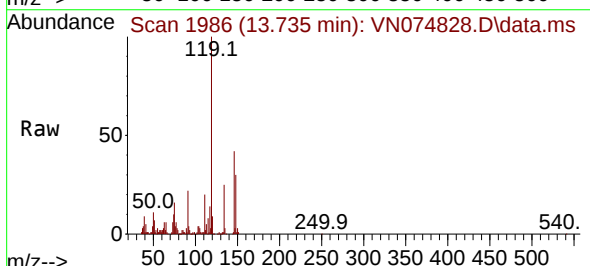
Tgt Ion:105 Resp: 567532
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2

Manual Integrations
 APPROVED

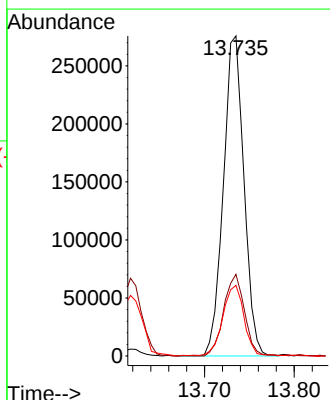
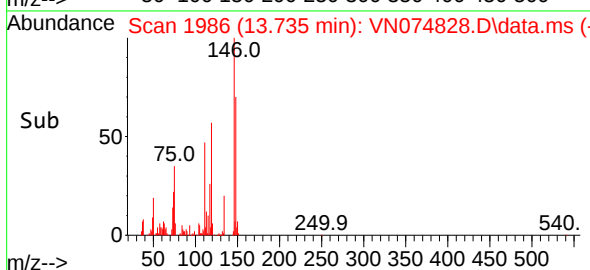
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

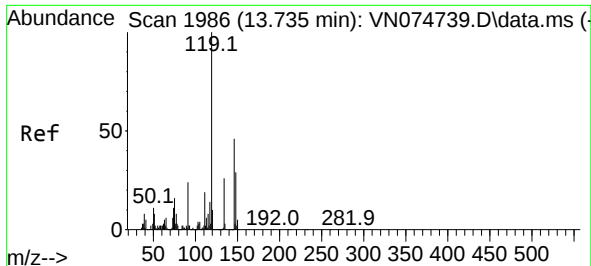


#86
 p-Isopropyltoluene
 Concen: 20.713 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074828.D
 Acq: 10 Oct 2022 13:26



Tgt Ion:119 Resp: 439587
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 22.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.106 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN074828.D

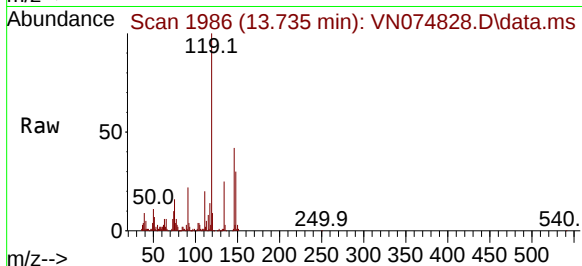
Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01



Tgt Ion:146 Resp: 208069

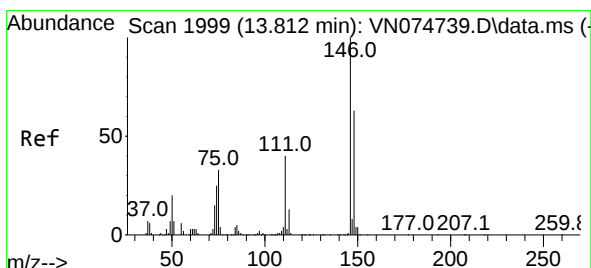
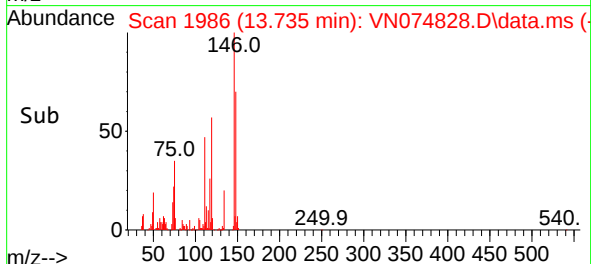
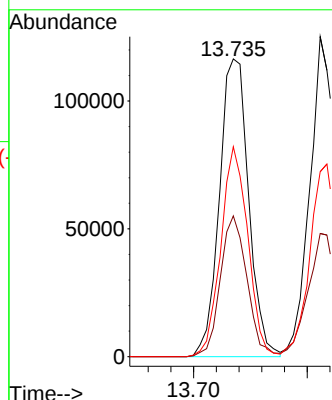
Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.8	62.2
148	65.1	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#88

1,4-Dichlorobenzene

Concen: 20.316 ug/l

RT: 13.811 min Scan# 1999

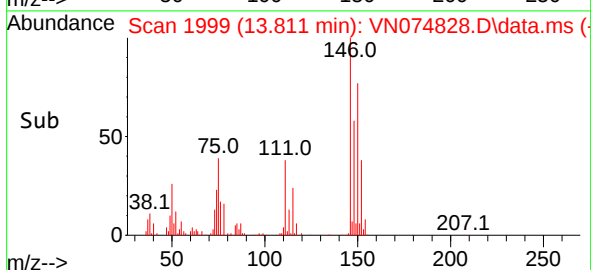
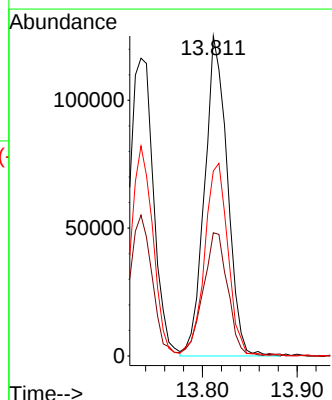
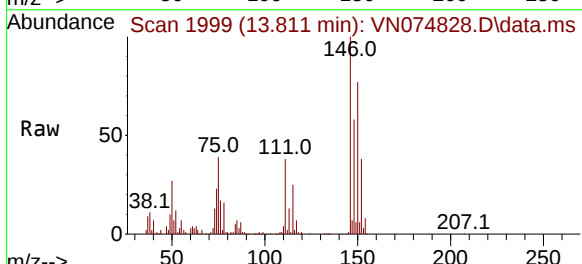
Delta R.T. -0.000 min

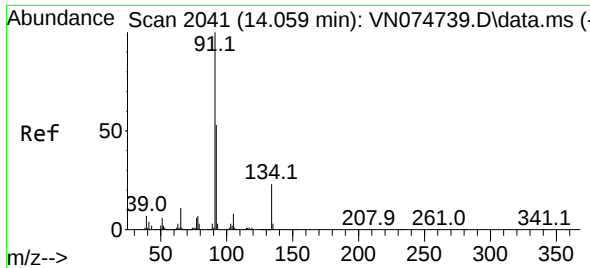
Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Tgt Ion:146 Resp: 208985

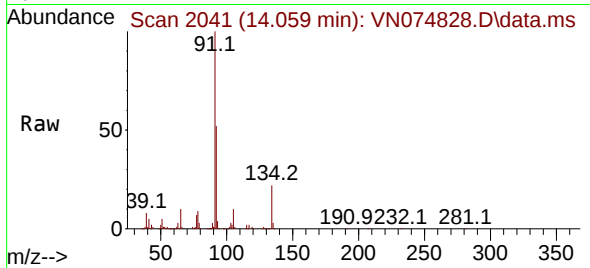
Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.9	59.6
148	61.4	31.8	95.4





#89
n-Butylbenzene
Concen: 20.196 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

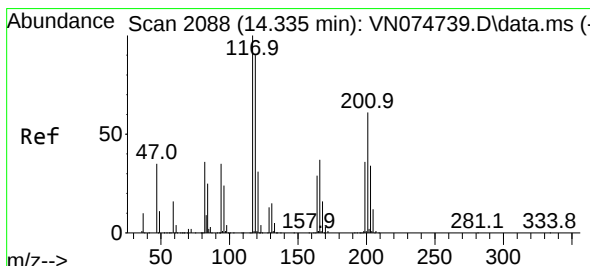
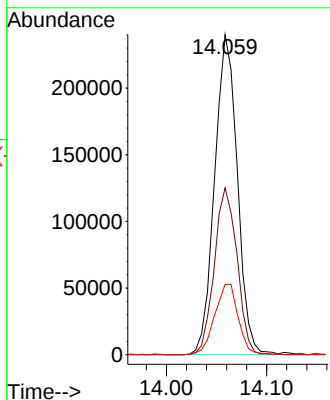
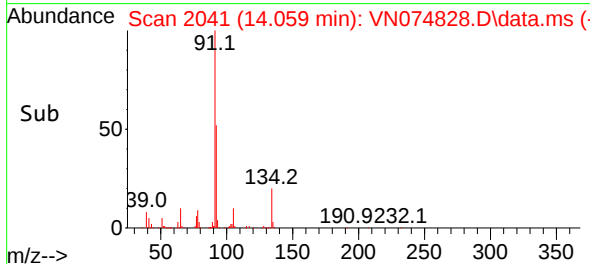
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion: 91 Resp: 377778
Ion Ratio Lower Upper
91 100
92 52.1 26.7 80.0
134 22.8 11.9 35.5

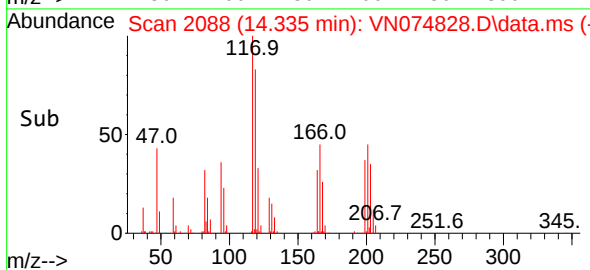
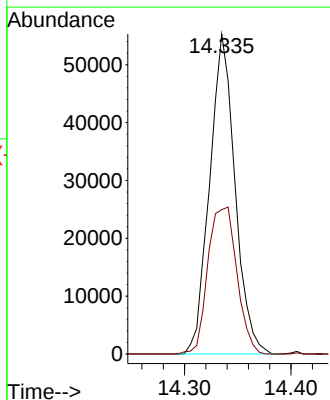
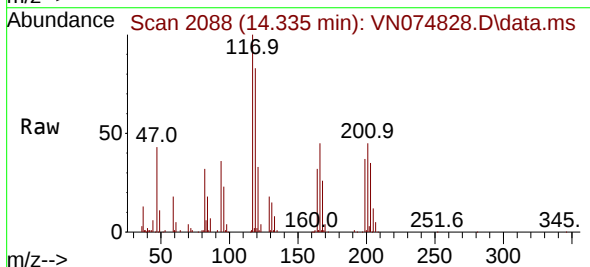
Manual Integrations
APPROVED

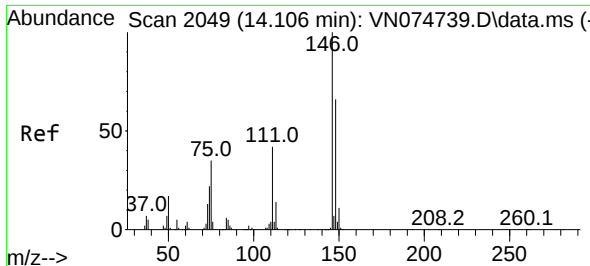
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#90
Hexachloroethane
Concen: 19.286 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion:117 Resp: 91516
Ion Ratio Lower Upper
117 100
201 52.3 30.3 90.8





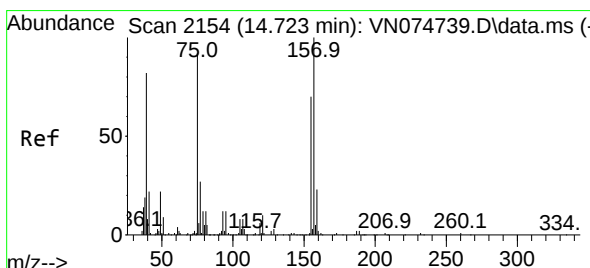
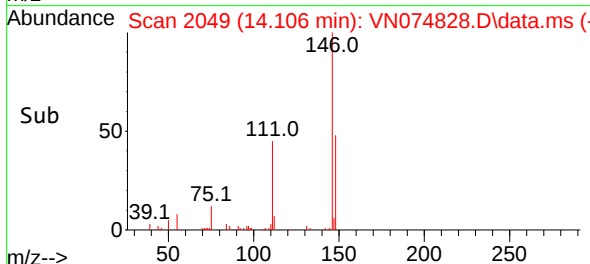
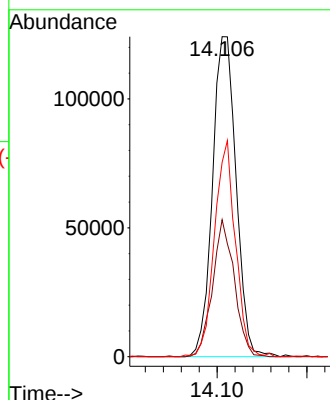
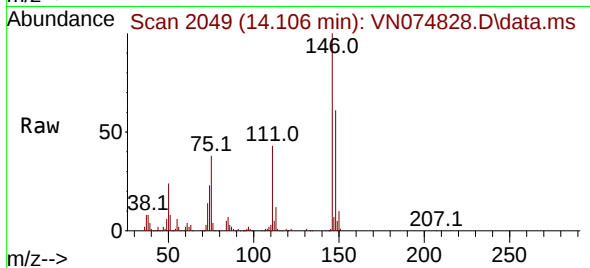
#91
1,2-Dichlorobenzene
Concen: 21.638 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tgt Ion:146 Resp: 226933
Ion Ratio Lower Upper
146 100
111 39.4 21.5 64.5
148 60.0 31.9 95.9

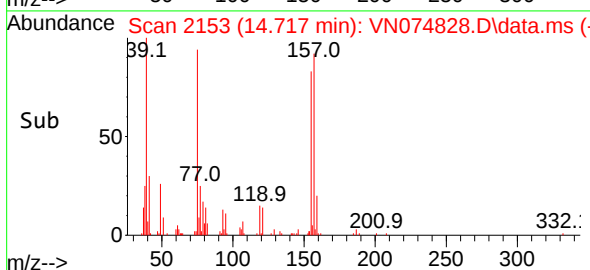
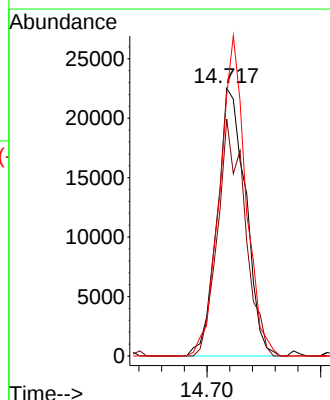
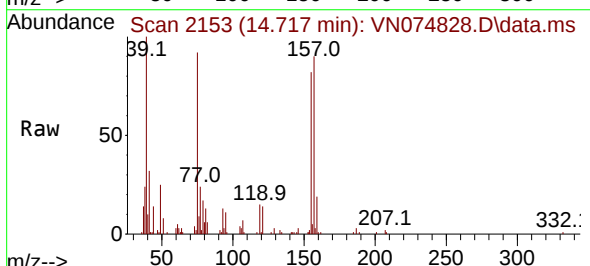
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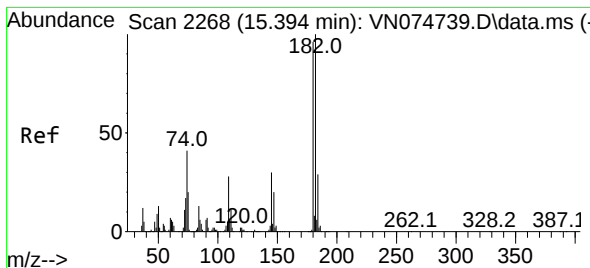
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.236 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion: 75 Resp: 39230
Ion Ratio Lower Upper
75 100
155 84.6 40.3 120.8
157 109.1 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 21.257 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

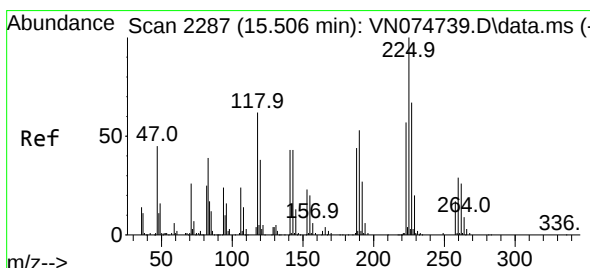
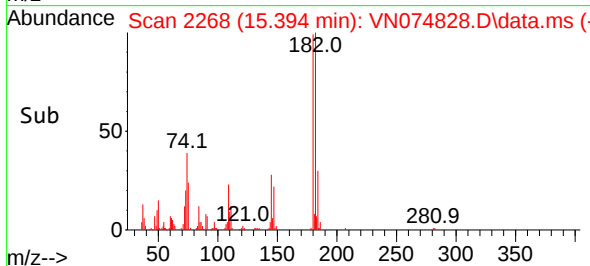
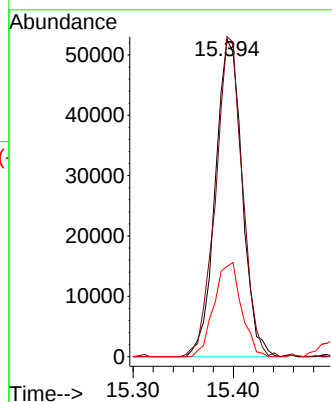
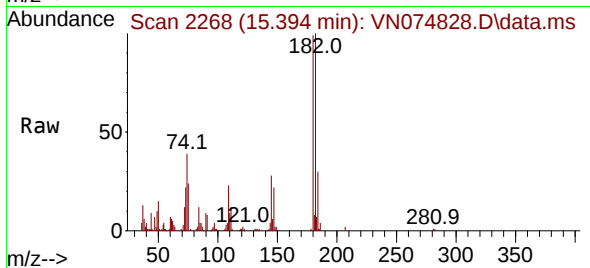
Tgt Ion:	180	Resp:	9751
Ion Ratio	Lower	Upper	
180	100		
182	100.7	48.5	145.5
145	30.2	16.1	48.3

Manual Integrations

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Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#94

Hexachlorobutadiene

Concen: 23.033 ug/l

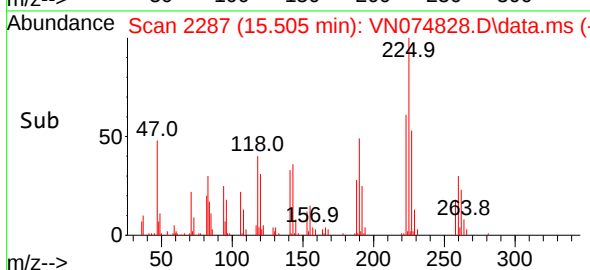
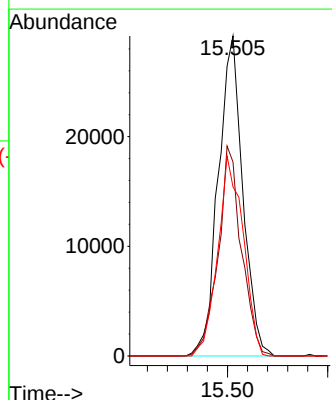
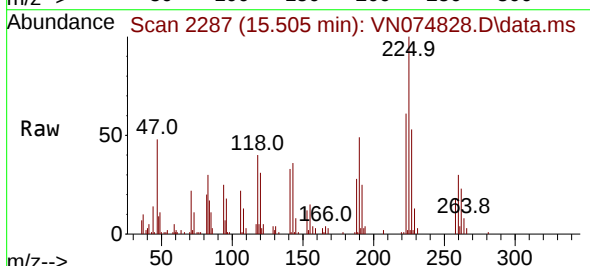
RT: 15.505 min Scan# 2287

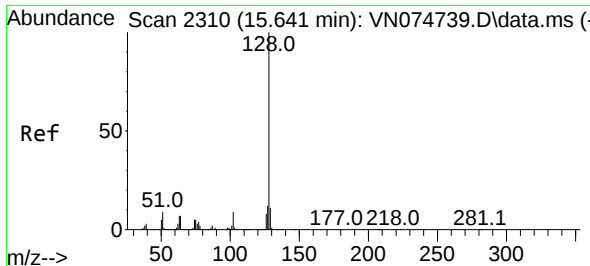
Delta R.T. -0.001 min

Lab File: VN074828.D

Acq: 10 Oct 2022 13:26

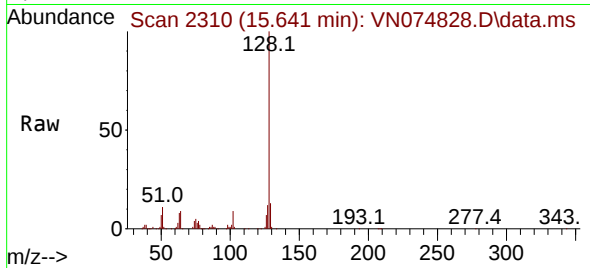
Tgt Ion:	225	Resp:	49430
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.7	95.1
227	65.0	31.2	93.6





#95
Naphthalene
Concen: 19.492 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

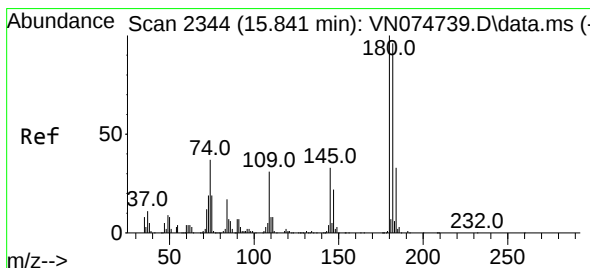
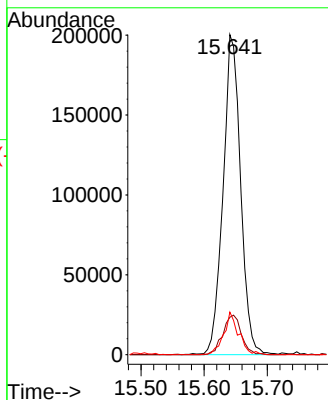
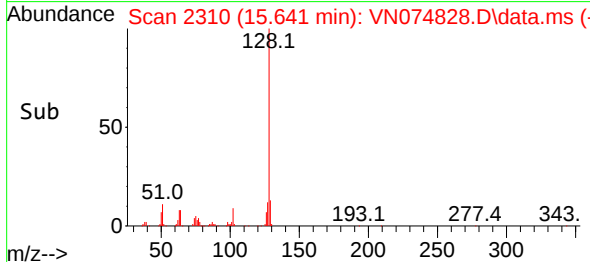
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01



Tgt Ion:128 Resp: 386598
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.3 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.326 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074828.D
Acq: 10 Oct 2022 13:26

Tgt Ion:180 Resp: 99085
Ion Ratio Lower Upper
180 100
182 96.8 47.3 142.0
145 32.7 17.1 51.2

