

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075236.D
 Acq On : 10 Nov 2022 16:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 04:11:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	112229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	199526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69179	45.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.500%		
35) Dibromofluoromethane	8.171	113	62373	53.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.500%		
50) Toluene-d8	10.565	98	227892	50.148	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.300%		
62) 4-Bromofluorobenzene	12.847	95	88316	55.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	63238	43.315	ug/l	100
3) Chloromethane	2.371	50	60665	39.120	ug/l	97
4) Vinyl Chloride	2.524	62	92498	41.811	ug/l	98
5) Bromomethane	2.918	94	85723	54.576	ug/l	98
6) Chloroethane	3.095	64	66864	42.149	ug/l	93
7) Trichlorofluoromethane	3.483	101	118600	52.479	ug/l	95
8) Diethyl Ether	3.965	74	43794	53.129	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	68378	54.787	ug/l	99
10) Methyl Iodide	4.594	142	97676	52.570	ug/l	98
11) Tert butyl alcohol	5.541	59	83329	236.301	ug/l	100
12) 1,1-Dichloroethene	4.341	96	62943	52.909	ug/l	96
13) Acrolein	4.183	56	69929	242.439	ug/l	96
14) Allyl chloride	5.030	41	89849	51.712	ug/l	95
15) Acrylonitrile	5.730	53	190410	255.609	ug/l	99
16) Acetone	4.441	43	149580	233.615	ug/l	94
17) Carbon Disulfide	4.718	76	132399	44.256	ug/l	97
18) Methyl Acetate	5.030	43	115222	55.092	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	242849	54.923	ug/l	95
20) Methylene Chloride	5.277	84	77544	54.317	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	68905	52.900	ug/l	95
22) Diisopropyl ether	6.683	45	207220	54.043	ug/l	98
23) Vinyl Acetate	6.612	43	814689m	254.439	ug/l	
24) 1,1-Dichloroethane	6.571	63	130225	53.700	ug/l	99
25) 2-Butanone	7.488	43	250102	248.338	ug/l	100
26) 2,2-Dichloropropane	7.494	77	120502	54.014	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	89407	57.477	ug/l	94
28) Bromochloromethane	7.824	49	46369	45.359	ug/l	90
29) Tetrahydrofuran	7.841	42	160297	246.315	ug/l	99
30) Chloroform	7.971	83	146098	55.488	ug/l	99
31) Cyclohexane	8.259	56	108530	48.257	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	134612	56.299	ug/l	97
36) 1,1-Dichloropropene	8.377	75	103762	57.219	ug/l	98
37) Ethyl Acetate	7.565	43	94299	47.417	ug/l	98
38) Carbon Tetrachloride	8.365	117	116989	58.648	ug/l	97
39) Methylcyclohexane	9.600	83	131271	54.833	ug/l	99
40) Benzene	8.606	78	313919	56.537	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	49858	52.328	ug/l	95
42) 1,2-Dichloroethane	8.677	62	109151	54.033	ug/l	97
43) Isopropyl Acetate	8.688	43	165077	53.513	ug/l	99
44) Trichloroethene	9.353	130	83560	59.985	ug/l	100
45) 1,2-Dichloropropane	9.623	63	77147	58.385	ug/l	99
46) Dibromomethane	9.712	93	57917	56.260	ug/l	97
47) Bromodichloromethane	9.888	83	118022	59.201	ug/l	97
48) Methyl methacrylate	9.682	41	74147	52.399	ug/l	97
49) 1,4-Dioxane	9.700	88	41000	1106.484	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	521332	261.894	ug/l	97
52) Toluene	10.629	92	214165	57.702	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	124324	59.083	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	132488	59.363	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	86394	58.704	ug/l	98
56) Ethyl methacrylate	10.876	69	126619	56.404	ug/l	99
57) 1,3-Dichloropropane	11.165	76	143284	58.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	230217	265.270	ug/l	97
59) 2-Hexanone	11.194	43	396753	262.609	ug/l	99
60) Dibromochloromethane	11.359	129	96945	62.437	ug/l	99
61) 1,2-Dibromoethane	11.470	107	90500	60.006	ug/l	100
64) Tetrachloroethene	11.106	164	77899	67.883	ug/l	89
65) Chlorobenzene	11.894	112	235829	59.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	90262	60.902	ug/l	99
67) Ethyl Benzene	11.965	91	426748	59.369	ug/l	98
68) m/p-Xylenes	12.070	106	347939	120.636	ug/l	100
69) o-Xylene	12.400	106	171417	60.097	ug/l	97
70) Styrene	12.412	104	285927	62.868	ug/l	98
71) Bromoform	12.576	173	71274	64.232	ug/l #	99
73) Isopropylbenzene	12.694	105	447650	51.142	ug/l	99
74) N-amyl acetate	12.494	43	151015	46.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	135747	53.957	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	116152m	50.174	ug/l	
77) Bromobenzene	12.982	156	104405	54.171	ug/l	90
78) n-propylbenzene	13.035	91	517974	52.708	ug/l	99
79) 2-Chlorotoluene	13.129	91	309727	51.576	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	396680	53.957	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42122m	46.707	ug/l	
82) 4-Chlorotoluene	13.129	91	309727	51.576	ug/l	98
83) tert-Butylbenzene	13.441	119	348081	53.284	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	405317	54.489	ug/l	98
85) sec-Butylbenzene	13.617	105	510284	55.839	ug/l	99
86) p-Isopropyltoluene	13.729	119	439357	58.214	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	220648	58.472	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	215317	57.654	ug/l	99
89) n-Butylbenzene	14.059	91	365747	60.179	ug/l	99
90) Hexachloroethane	14.335	117	73213	52.908	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	216219	57.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27221	46.105	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	108172	67.007	ug/l	99
94) Hexachlorobutadiene	15.500	225	49383	62.749	ug/l	99
95) Naphthalene	15.641	128	371953	59.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	103862	64.751	ug/l	98

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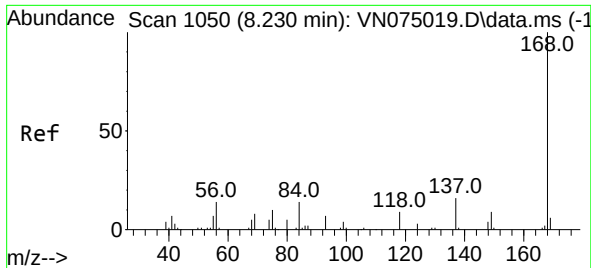
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

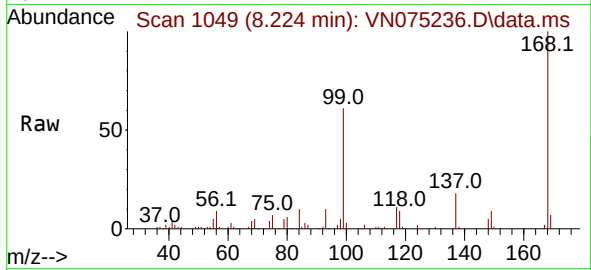
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
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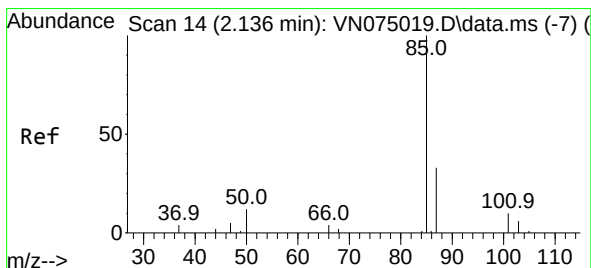
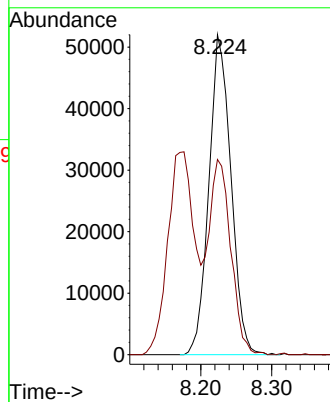
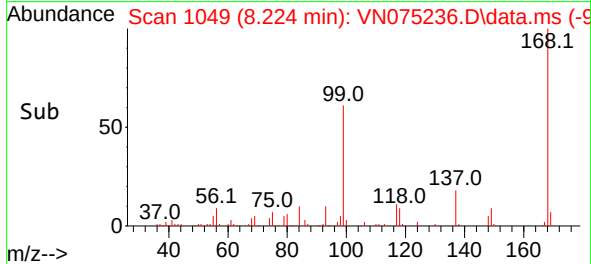
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 112229
Ion Ratio Lower Upper
168 100
99 60.7 51.6 77.4

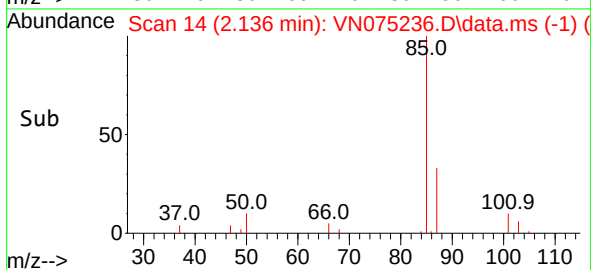
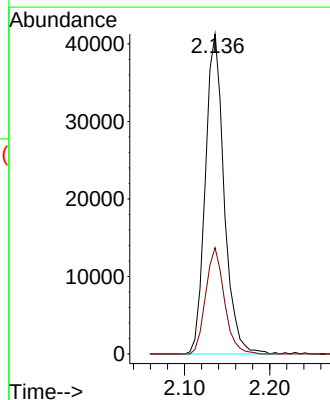
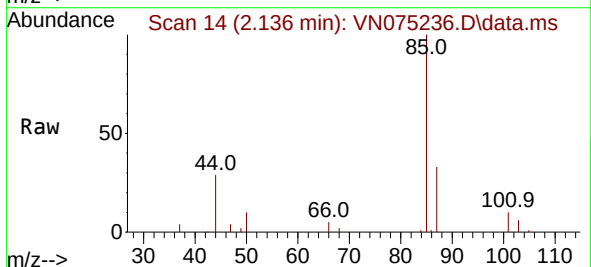
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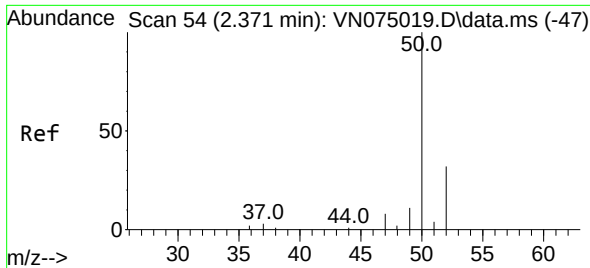
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 43.315 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

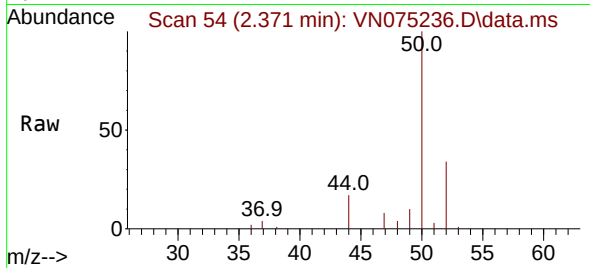
Tgt Ion: 85 Resp: 63238
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0





#3
Chloromethane
Concen: 39.120 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

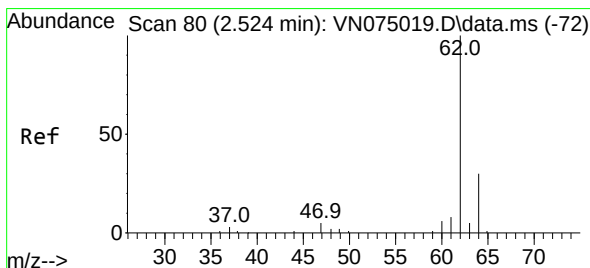
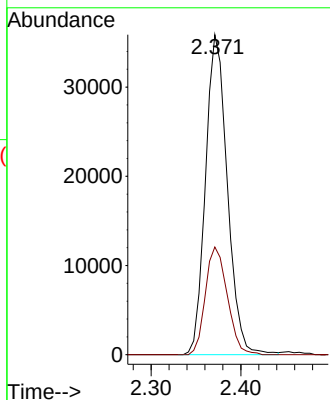
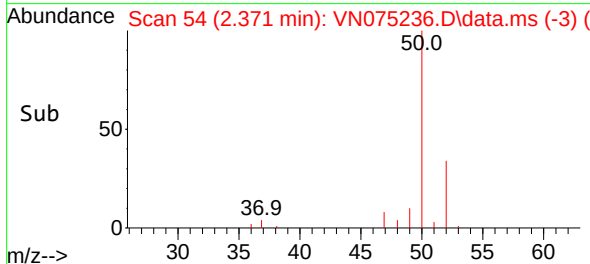
Instrument :
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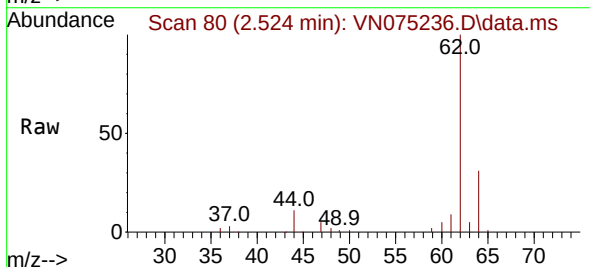
Tgt Ion: 50 Resp: 6066
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.6

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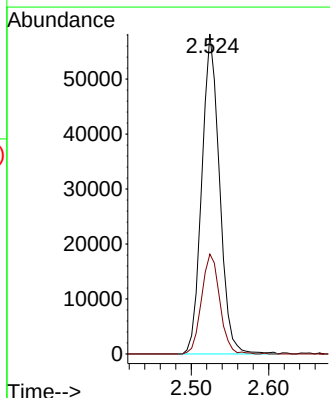
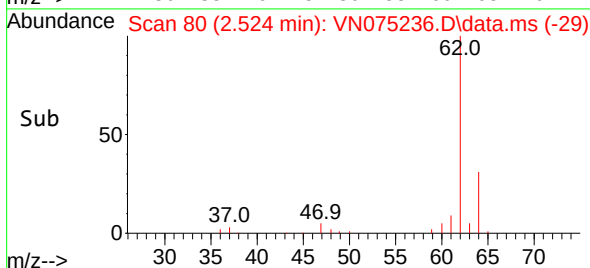
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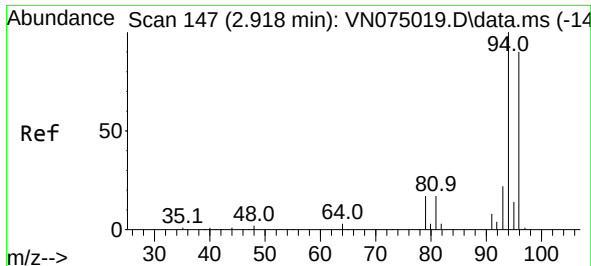


#4
Vinyl Chloride
Concen: 41.811 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075236.D
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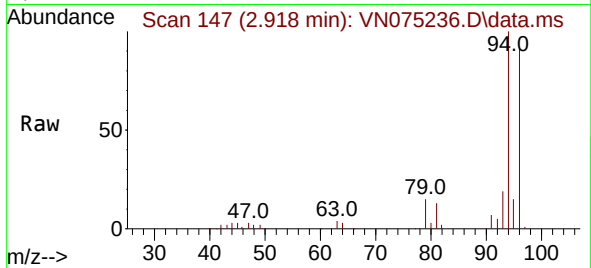
Tgt Ion: 62 Resp: 92498
Ion Ratio Lower Upper
62 100
64 31.2 24.0 36.0





#5
Bromomethane
Concen: 54.576 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075236.D
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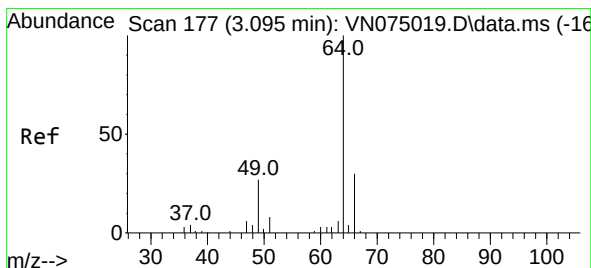
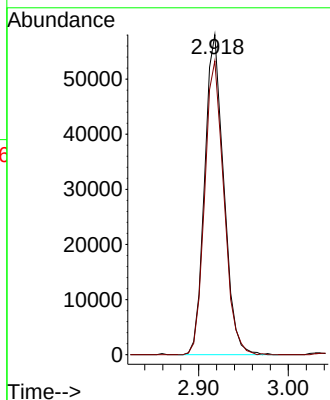
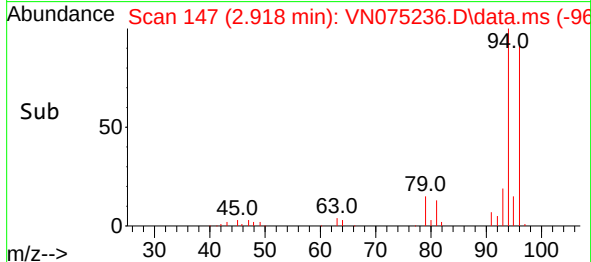
Instrument :
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Tgt Ion: 94 Resp: 85723
Ion Ratio Lower Upper
94 100
96 91.8 71.8 107.6

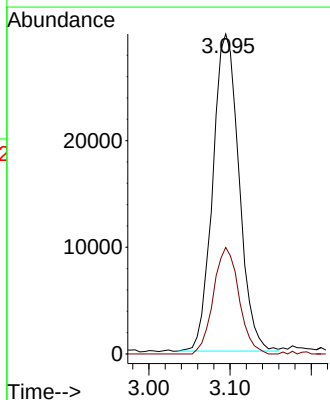
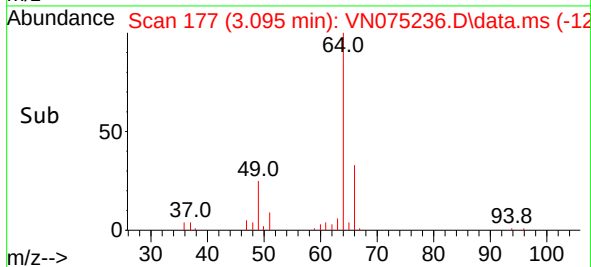
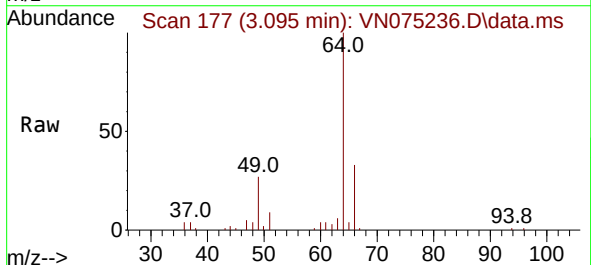
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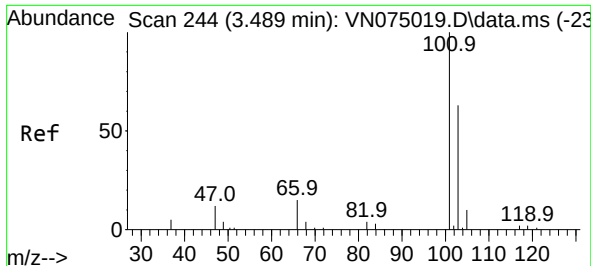
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#6
Chloroethane
Concen: 42.149 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN075236.D
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Tgt Ion: 64 Resp: 66864
Ion Ratio Lower Upper
64 100
66 33.6 23.8 35.8





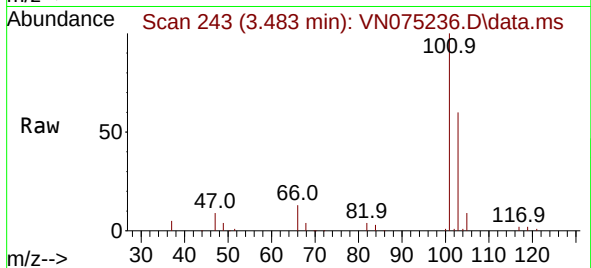
#7
 Trichlorofluoromethane
 Concen: 52.479 ug/l
 RT: 3.483 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN075236.D
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ClientSampleId :

VSTDCCC050EC



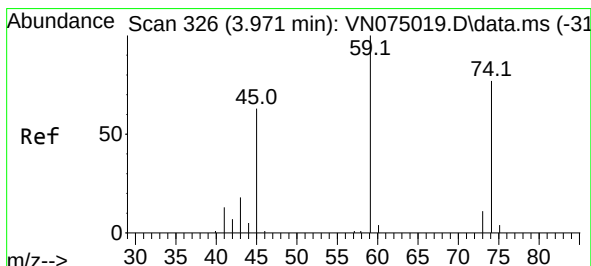
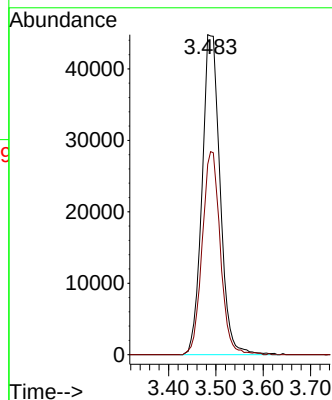
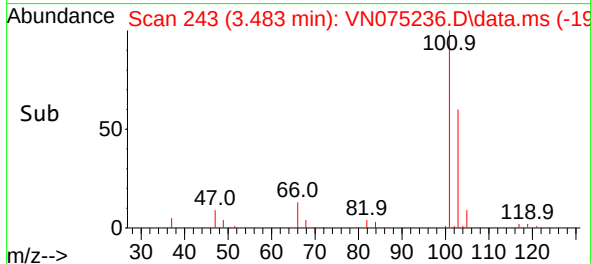
Tgt Ion:101 Resp: 118600
 Ion Ratio Lower Upper
 101 100
 103 59.5 50.5 75.7

Manual Integrations

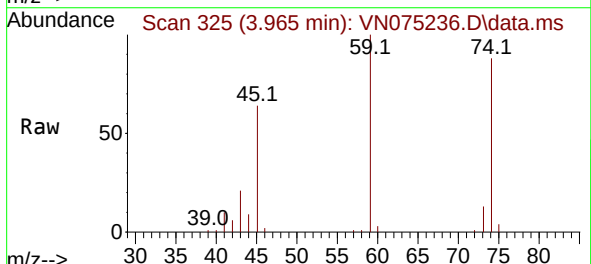
APPROVED

Reviewed By :John Carlone 11/11/2022

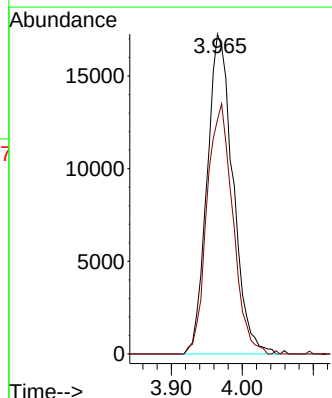
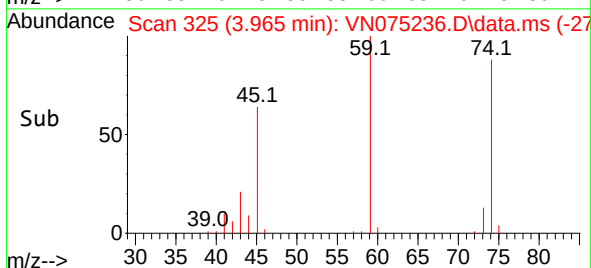
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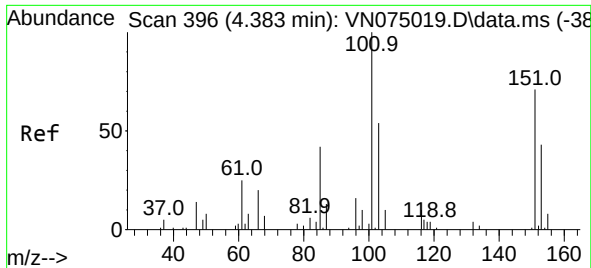


#8
 Diethyl Ether
 Concen: 53.129 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.006 min
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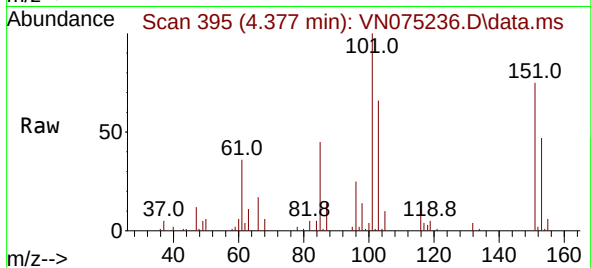
Tgt Ion: 74 Resp: 43794
 Ion Ratio Lower Upper
 74 100
 45 78.1 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.787 ug/l
RT: 4.377 min Scan# 396
Delta R.T. -0.006 min
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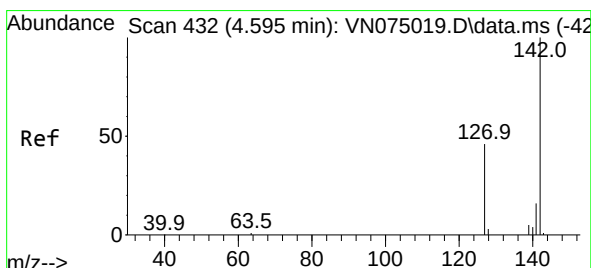
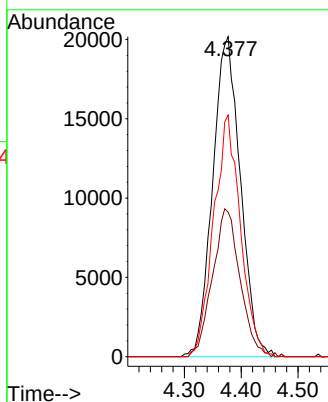
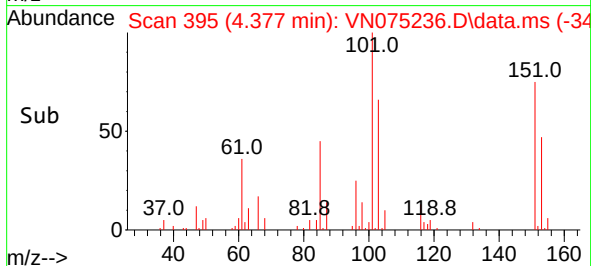
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



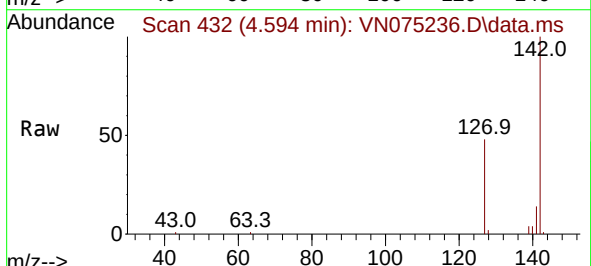
Tgt Ion:101 Resp: 68378
Ion Ratio Lower Upper
101 100
85 45.8 37.6 56.4
151 72.8 58.3 87.5

Manual Integrations
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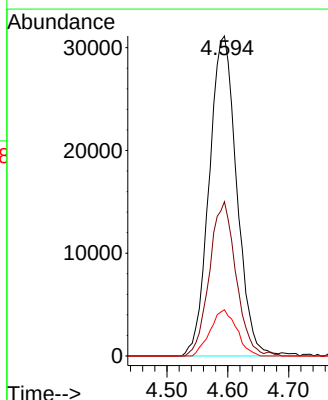
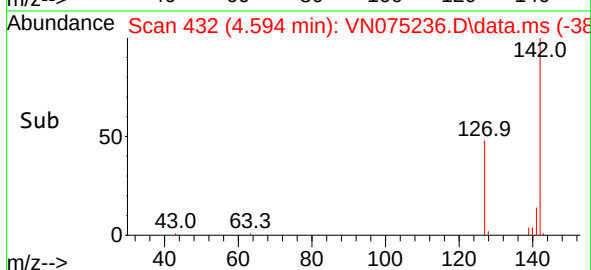
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

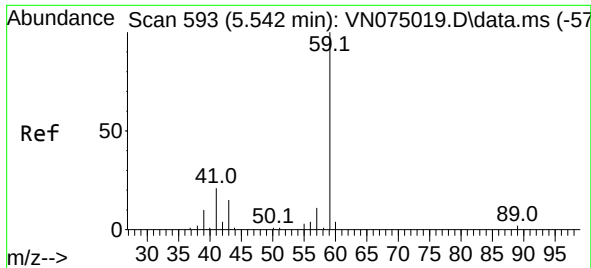


#10
Methyl Iodide
Concen: 52.570 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



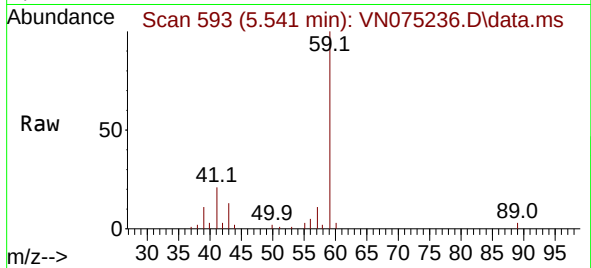
Tgt Ion:142 Resp: 97676
Ion Ratio Lower Upper
142 100
127 46.2 38.0 57.0
141 13.9 12.2 18.4





#11
Tert butyl alcohol
Concen: 236.301 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

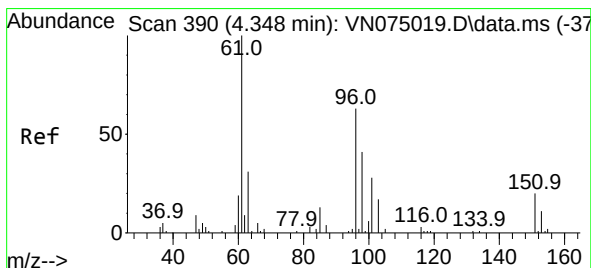
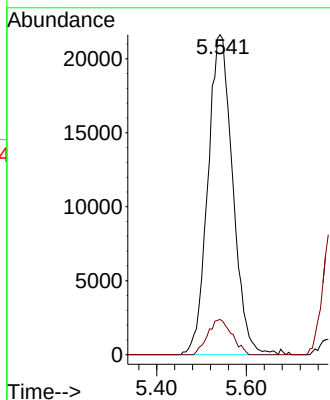
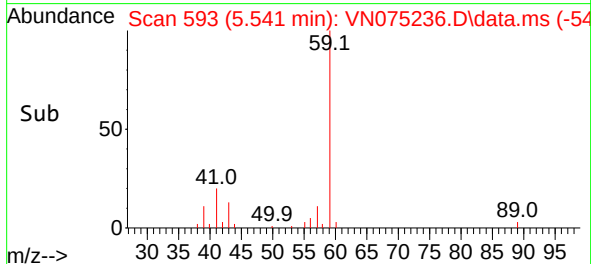
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



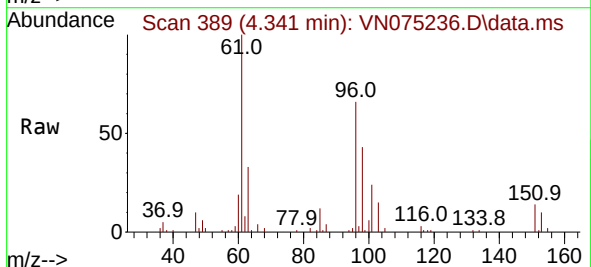
Tgt Ion: 59 Resp: 83329
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

Manual Integrations
APPROVED

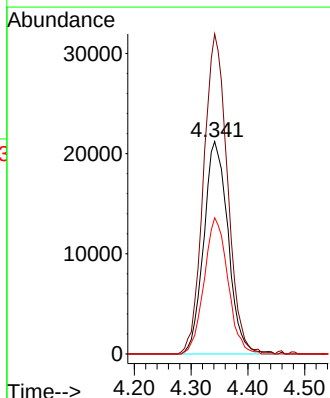
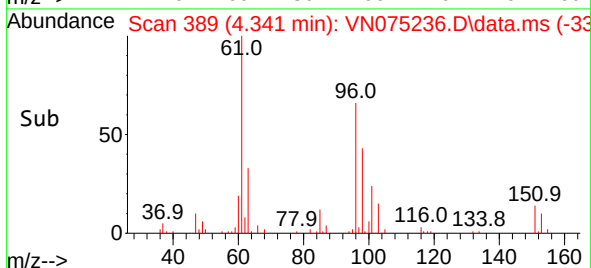
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

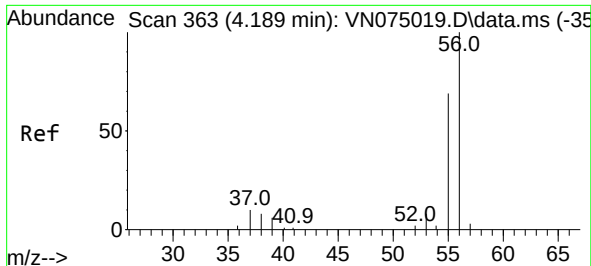


#12
1,1-Dichloroethene
Concen: 52.909 ug/l
RT: 4.341 min Scan# 389
Delta R.T. -0.007 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion: 96 Resp: 62943
Ion Ratio Lower Upper
96 100
61 150.6 126.2 189.4
98 64.0 51.5 77.3





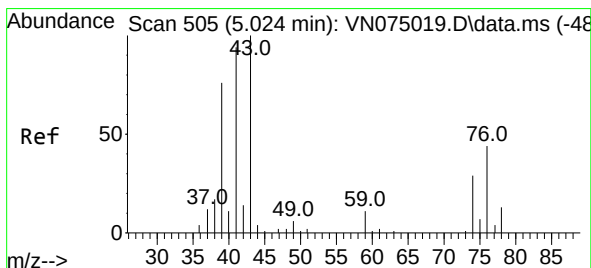
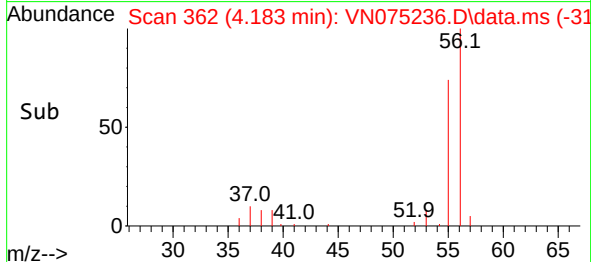
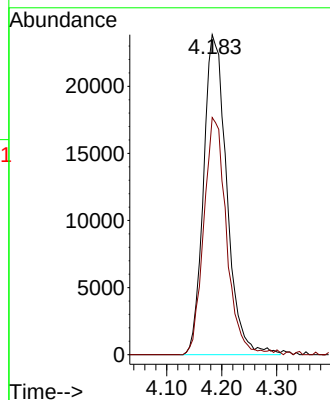
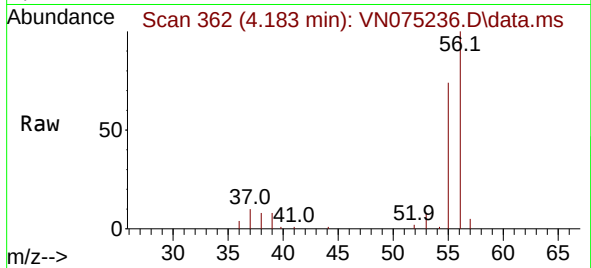
#13
Acrolein
Concen: 242.439 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 69929
Ion Ratio Lower Upper
56 100
55 72.3 55.2 82.8

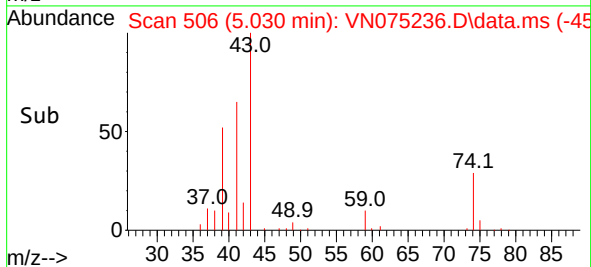
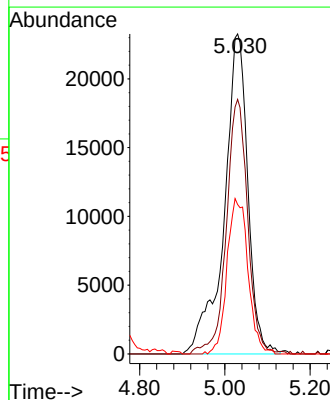
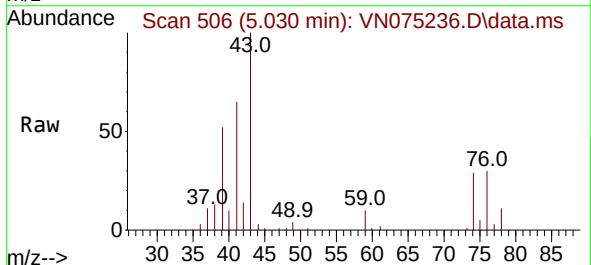
Manual Integrations
APPROVED

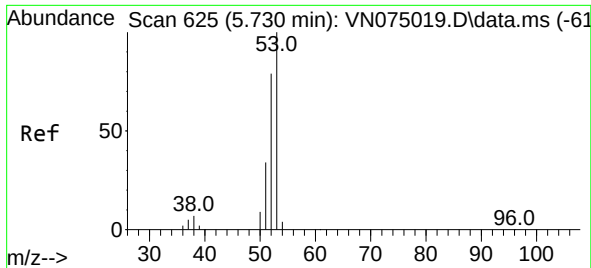
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#14
Allyl chloride
Concen: 51.712 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

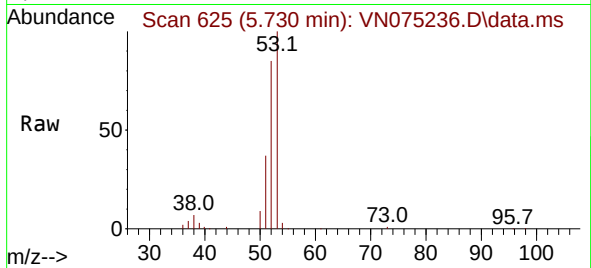
Tgt Ion: 41 Resp: 89849
Ion Ratio Lower Upper
41 100
39 71.1 61.0 91.4
76 43.0 33.4 50.0





#15
Acrylonitrile
Concen: 255.609 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

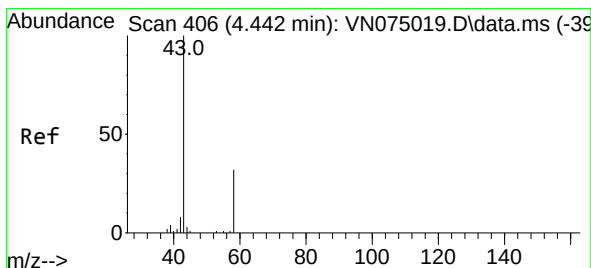
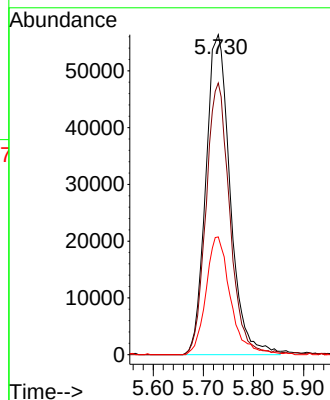
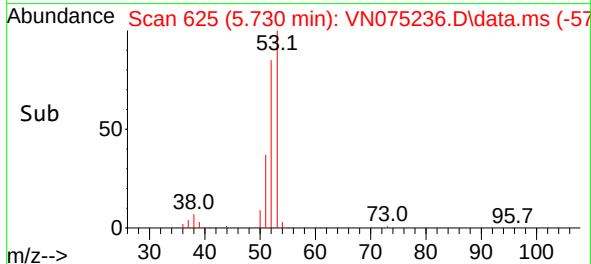
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 190410
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 37.0 29.6 44.4

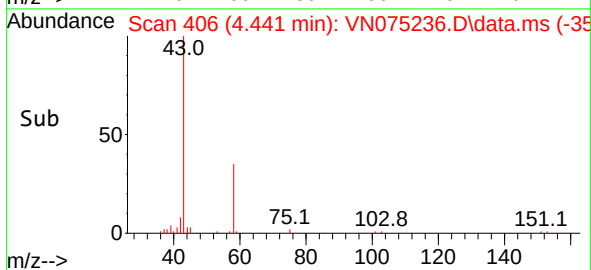
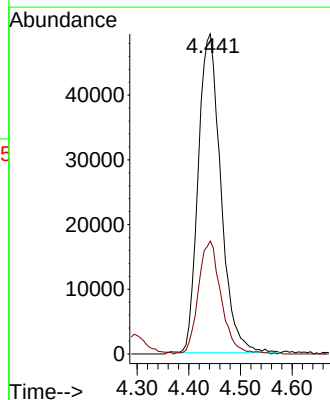
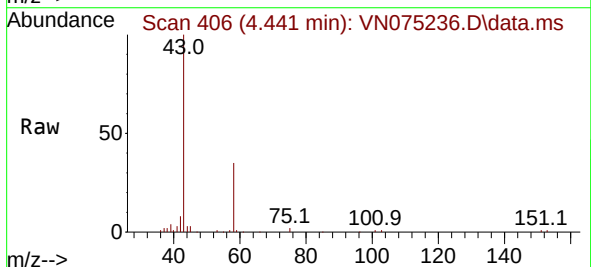
Manual Integrations
APPROVED

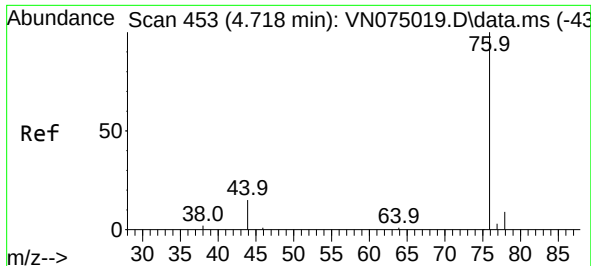
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Acetone
Concen: 233.615 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

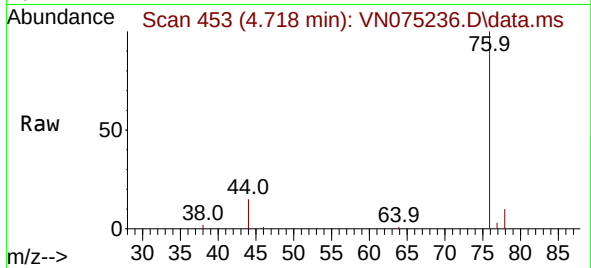
Tgt Ion: 43 Resp: 149580
Ion Ratio Lower Upper
43 100
58 35.1 25.5 38.3





#17
Carbon Disulfide
Concen: 44.256 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

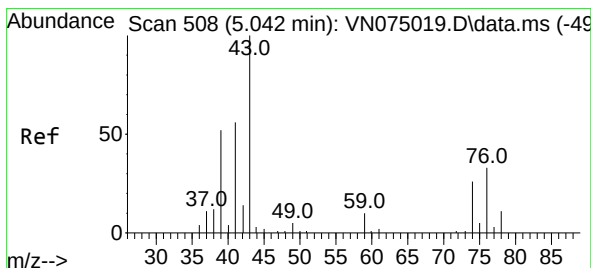
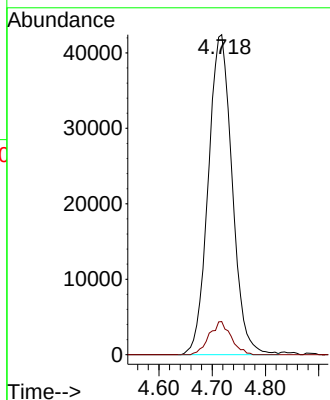
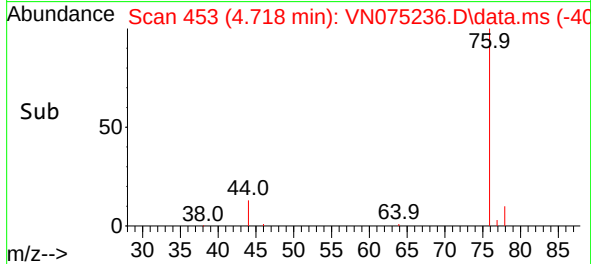
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



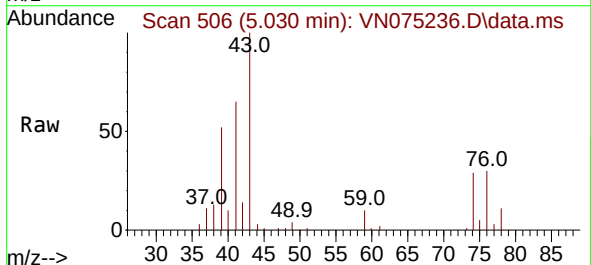
Tgt Ion: 76 Resp: 132399
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2

Manual Integrations
APPROVED

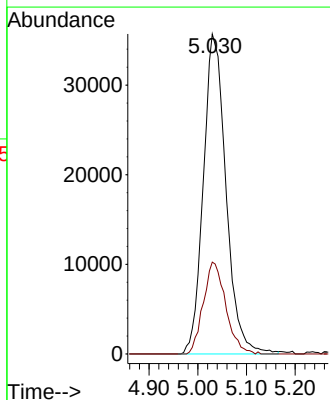
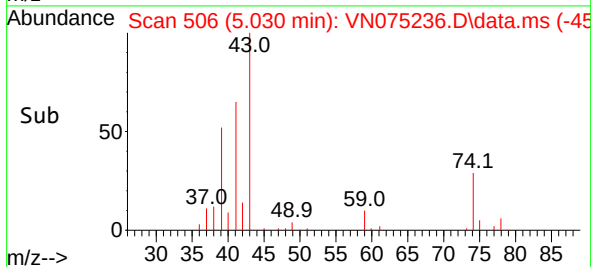
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

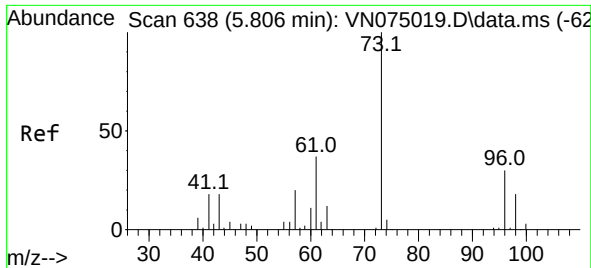


#18
Methyl Acetate
Concen: 55.092 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion: 43 Resp: 115222
Ion Ratio Lower Upper
43 100
74 28.5 22.0 33.0





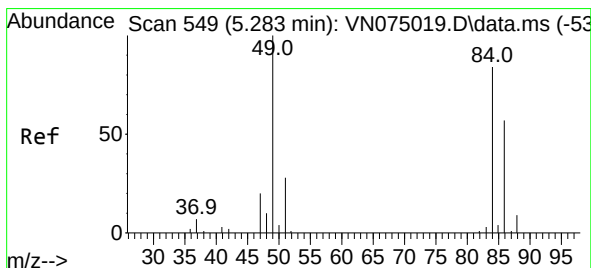
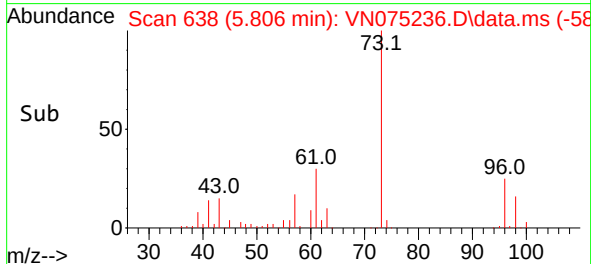
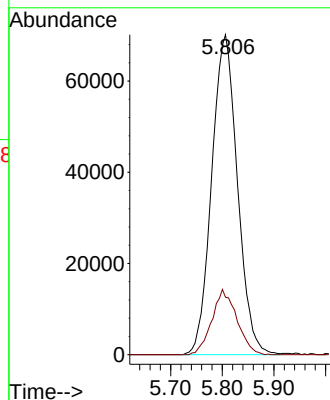
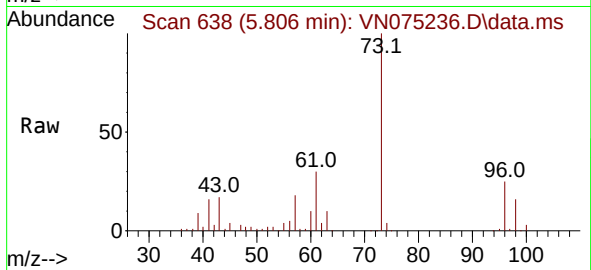
#19
Methyl tert-butyl Ether
Concen: 54.923 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 242849
Ion Ratio Lower Upper
73 100
57 17.9 16.3 24.5

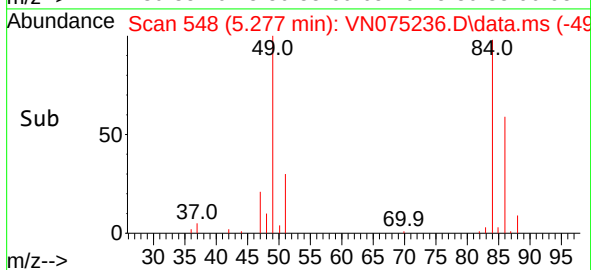
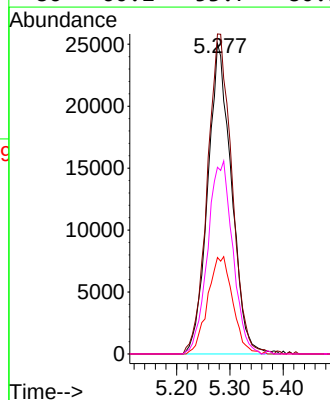
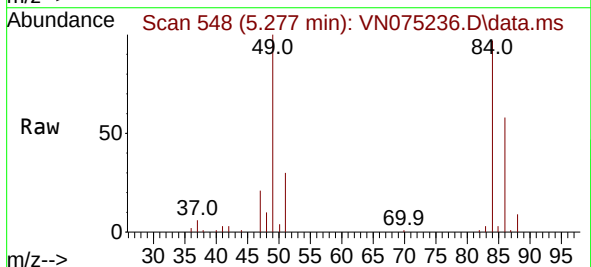
Manual Integrations
APPROVED

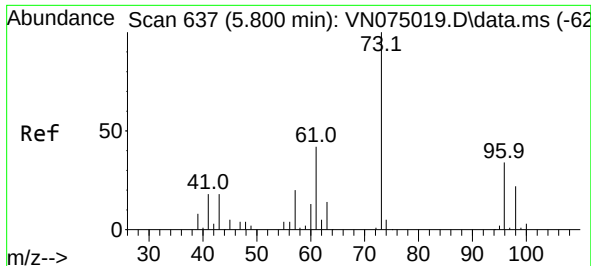
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Methylene Chloride
Concen: 54.317 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion: 84 Resp: 77544
Ion Ratio Lower Upper
84 100
49 103.1 94.9 142.3
51 31.1 26.8 40.2
86 60.2 53.7 80.5





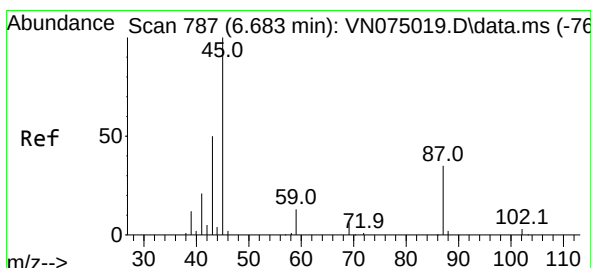
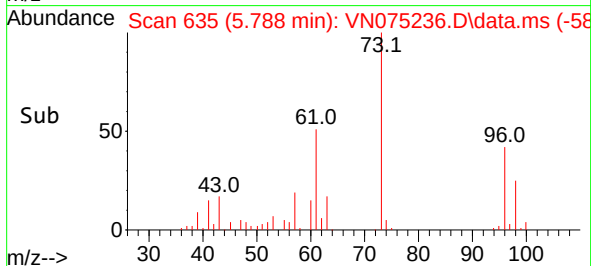
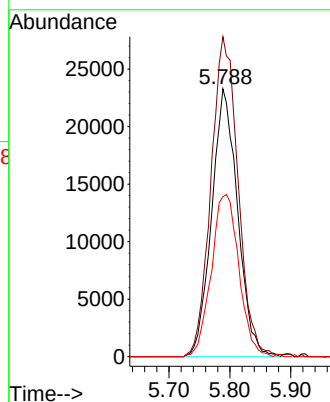
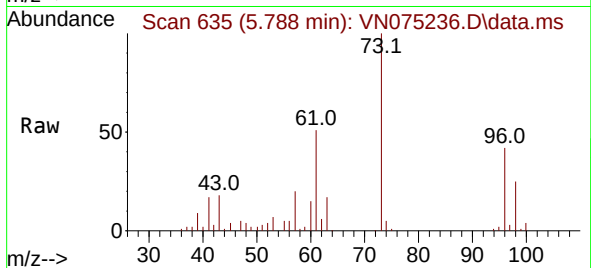
#21
trans-1,2-Dichloroethene
Concen: 52.900 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 6890
Ion Ratio Lower Upper
96 100
61 119.4 99.9 149.9
98 59.7 51.5 77.3

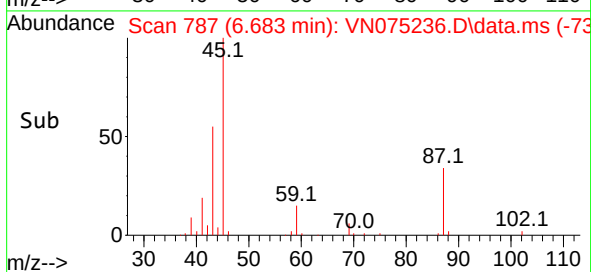
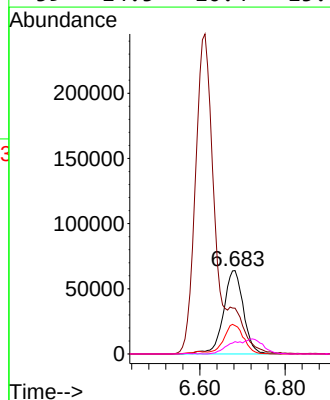
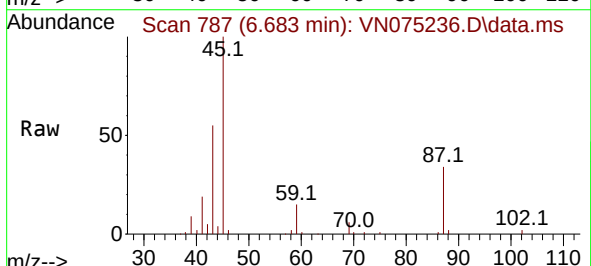
Manual Integrations
APPROVED

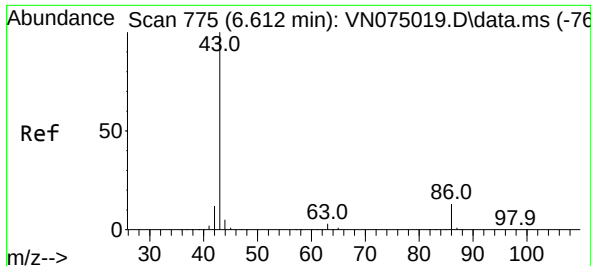
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#22
Diisopropyl ether
Concen: 54.043 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

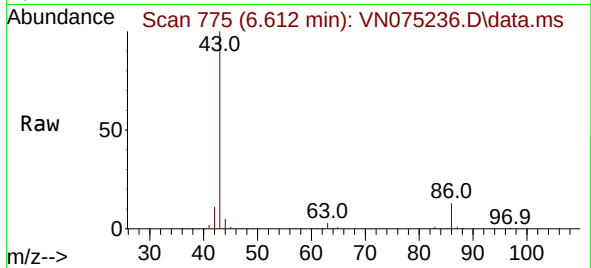
Tgt Ion: 45 Resp: 207220
Ion Ratio Lower Upper
45 100
43 53.1 42.8 64.2
87 34.0 28.4 42.6
59 14.5 10.4 15.6





#23
 Vinyl Acetate
 Concen: 254.439 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075236.D
 Acq: 10 Nov 2022 16:56

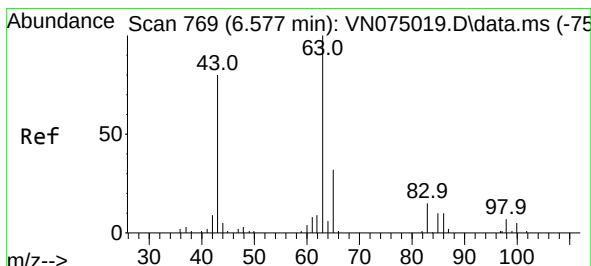
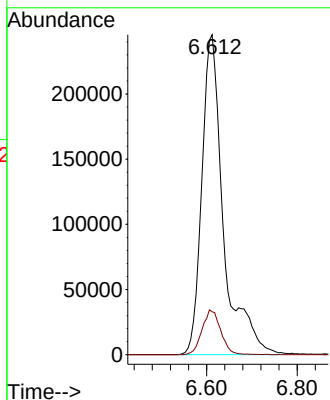
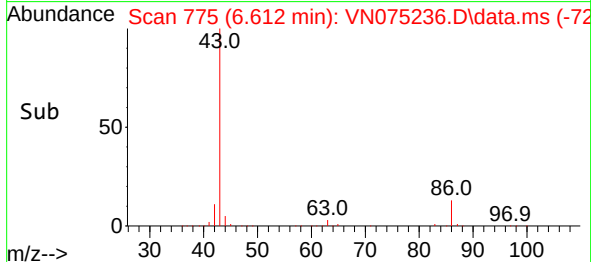
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



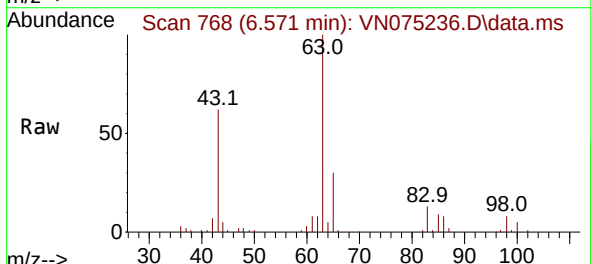
Tgt Ion: 43 Resp: 814689
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

Manual Integrations
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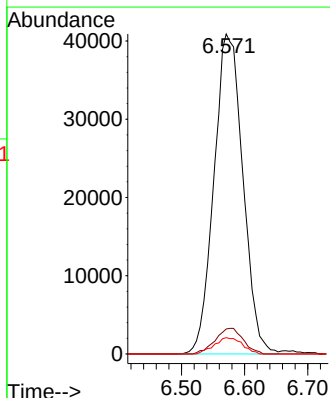
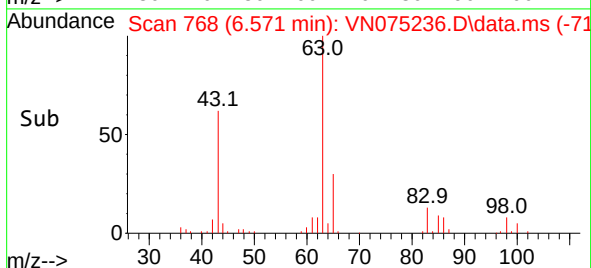
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

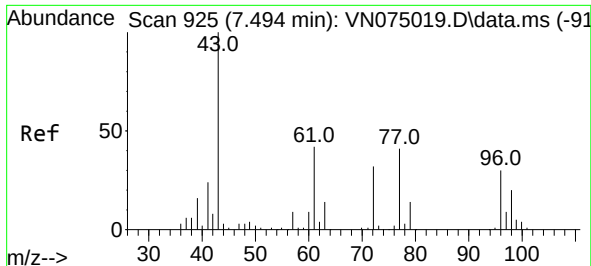


#24
 1,1-Dichloroethane
 Concen: 53.700 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075236.D
 Acq: 10 Nov 2022 16:56



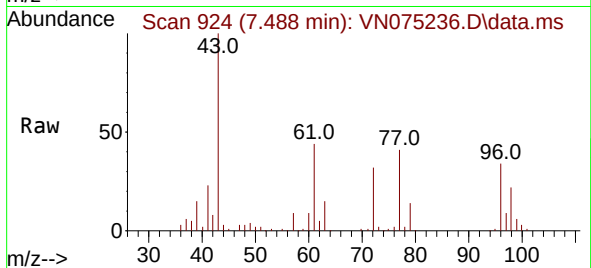
Tgt Ion: 63 Resp: 130225
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 248.338 ug/l
RT: 7.488 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

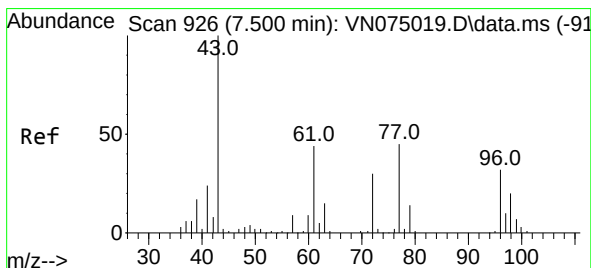
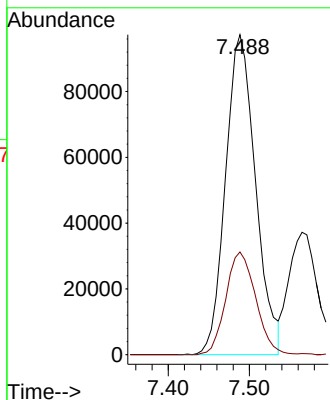
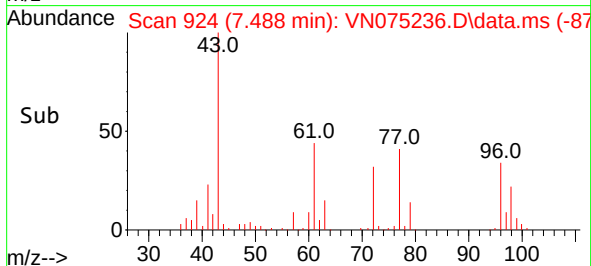
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



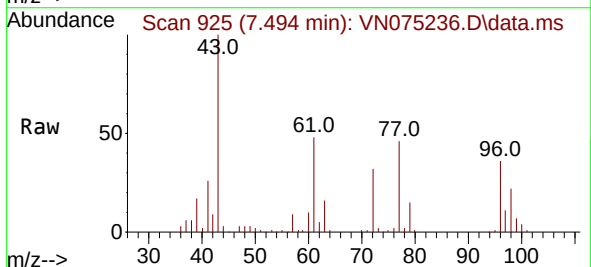
Tgt Ion: 43 Resp: 250102
Ion Ratio Lower Upper
43 100
72 32.1 25.5 38.3

Manual Integrations
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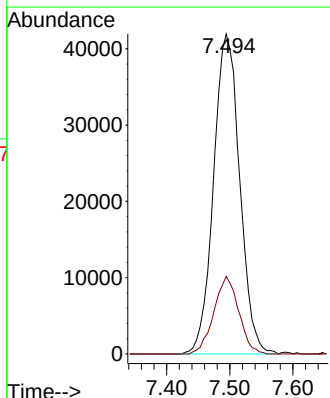
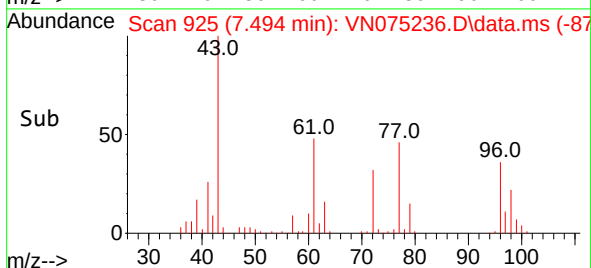
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

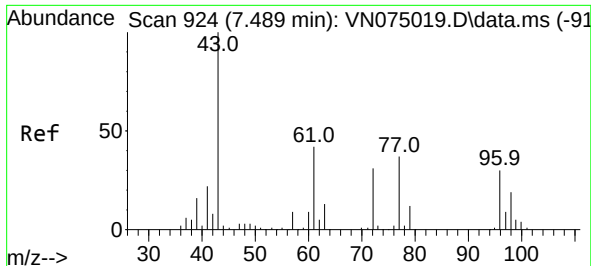


#26
2,2-Dichloropropane
Concen: 54.014 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



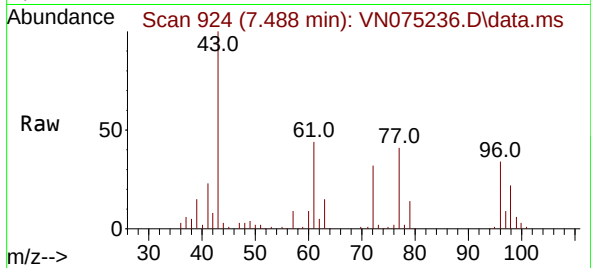
Tgt Ion: 77 Resp: 120502
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 57.477 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075236.D
 Acq: 10 Nov 2022 16:56

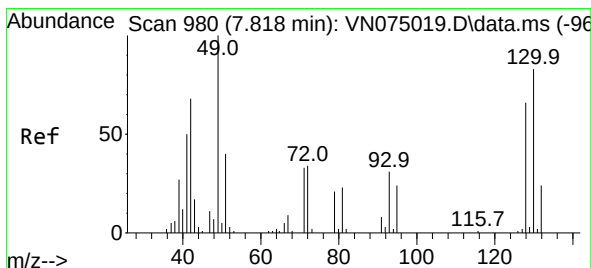
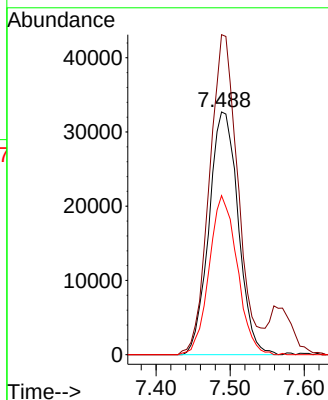
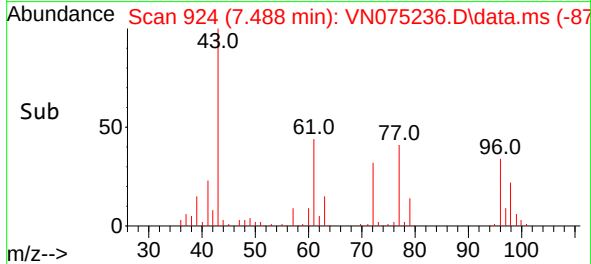
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8940
 Ion Ratio Lower Upper
 96 100
 61 129.7 0.0 278.8
 98 63.0 0.0 128.4

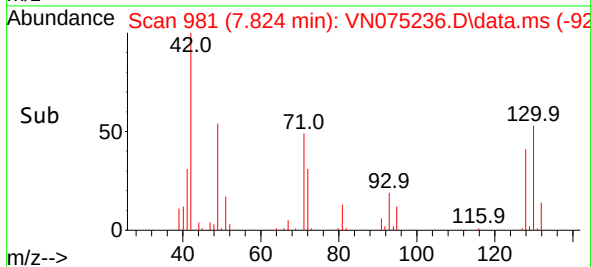
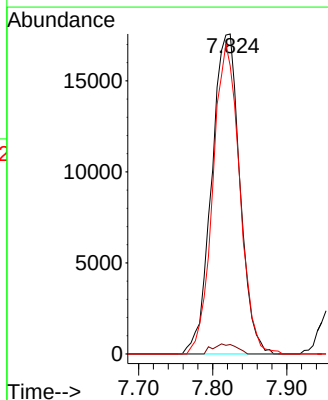
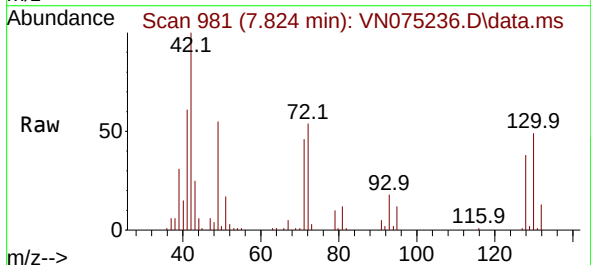
Manual Integrations
 APPROVED

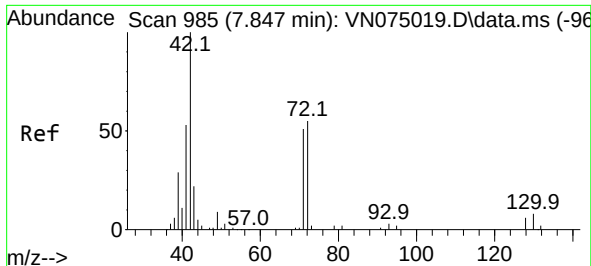
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#28
 Bromochloromethane
 Concen: 45.359 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075236.D
 Acq: 10 Nov 2022 16:56

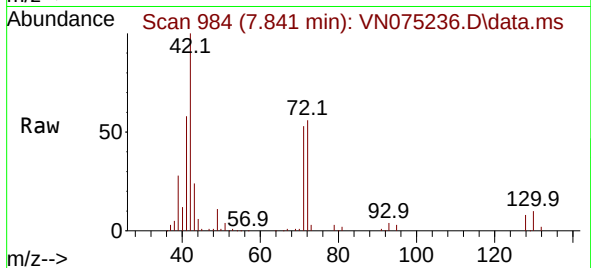
Tgt Ion: 49 Resp: 46369
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 92.0 66.2 99.4





#29
Tetrahydrofuran
Concen: 246.315 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

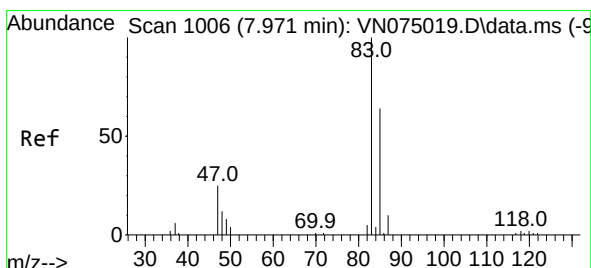
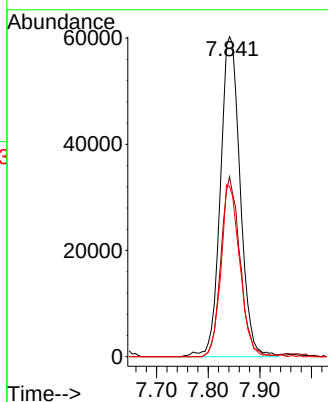
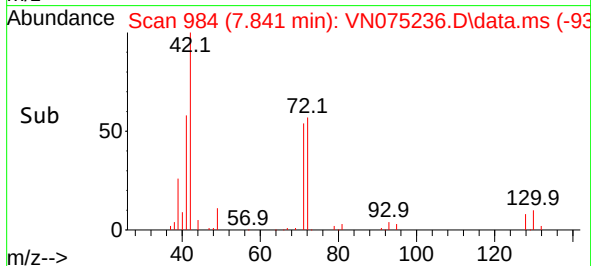
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



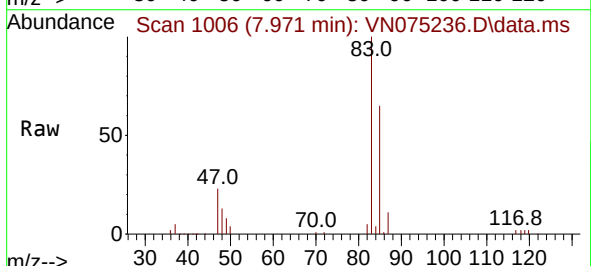
Tgt Ion: 42 Resp: 160297
Ion Ratio Lower Upper
42 100
72 54.0 43.0 64.6
71 51.2 39.9 59.9

Manual Integrations
APPROVED

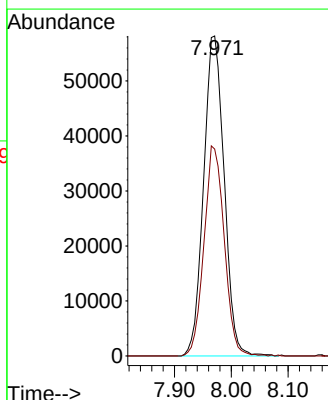
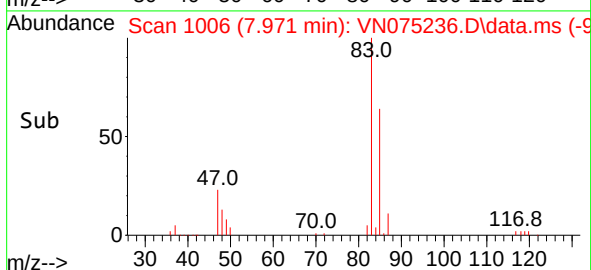
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

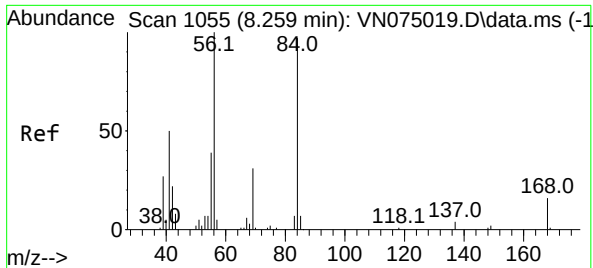


#30
Chloroform
Concen: 55.488 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



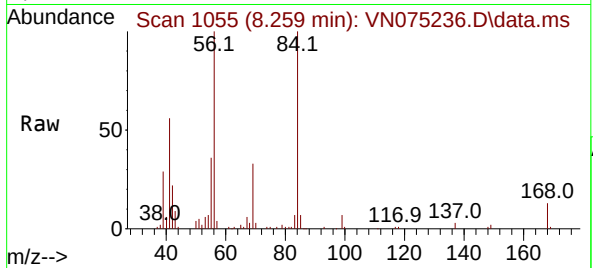
Tgt Ion: 83 Resp: 146098
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0





#31
Cyclohexane
Concen: 48.257 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

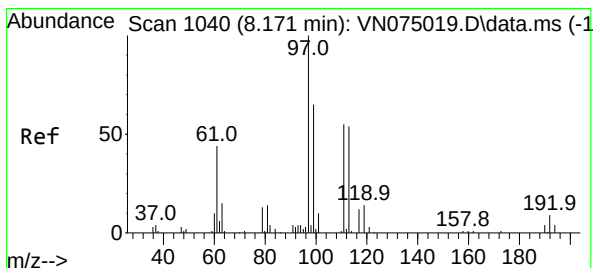
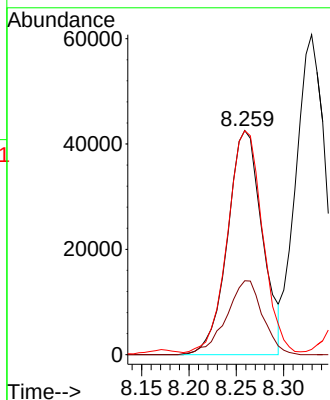
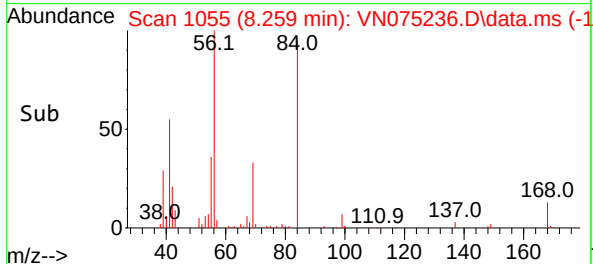
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



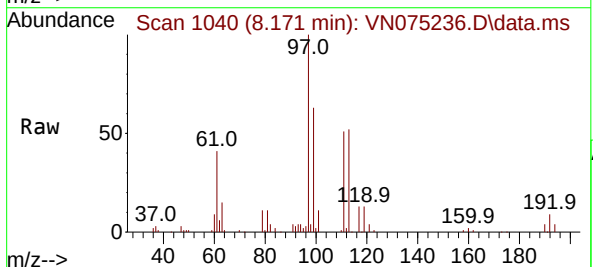
Tgt Ion: 56 Resp: 108530
Ion Ratio Lower Upper
56 100
69 32.9 25.2 37.8
84 98.7 77.8 116.8

Manual Integrations
APPROVED

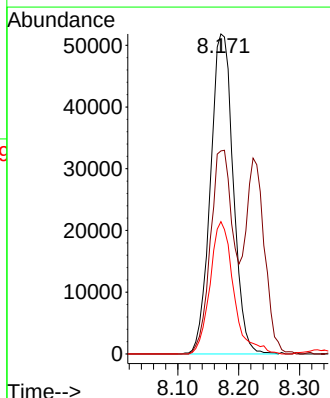
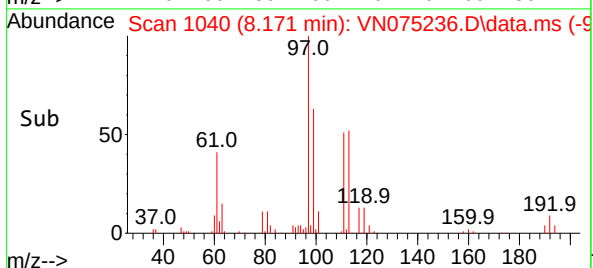
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

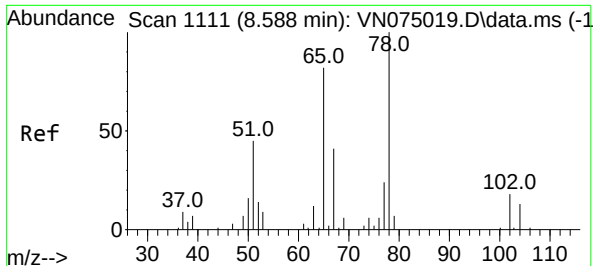


#32
1,1,1-Trichloroethane
Concen: 56.299 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion: 97 Resp: 134612
Ion Ratio Lower Upper
97 100
99 63.5 50.2 75.2
61 42.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 45.749 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 69179

Ion Ratio Lower Upper

65 100

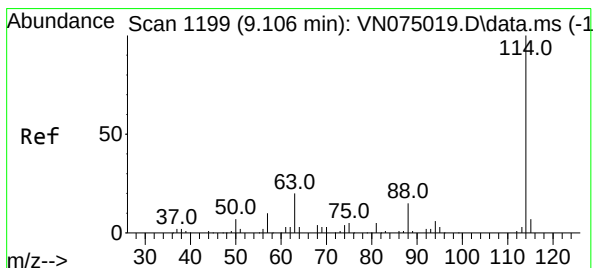
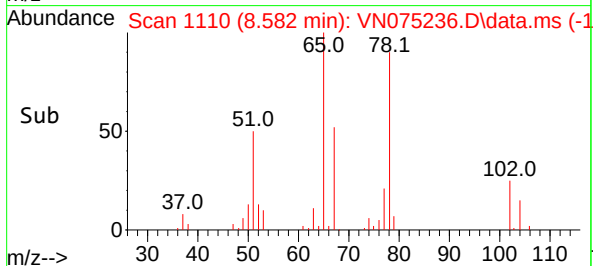
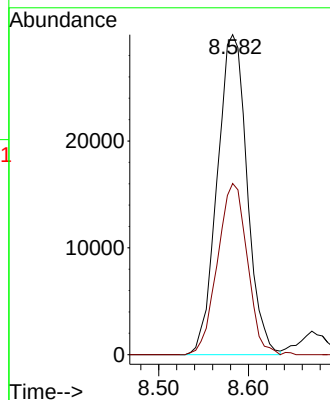
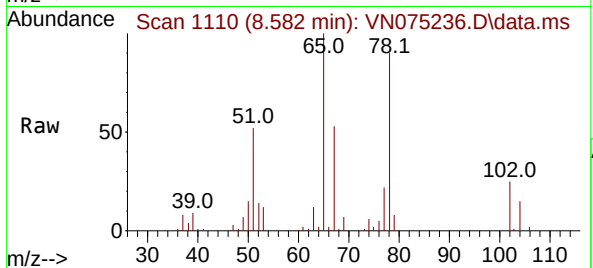
67 53.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

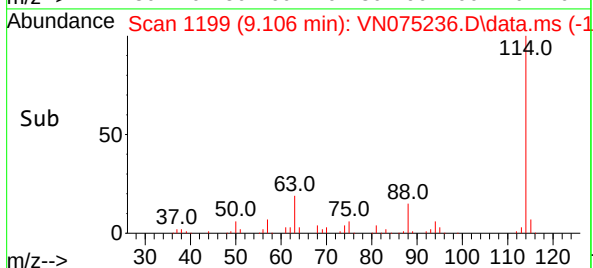
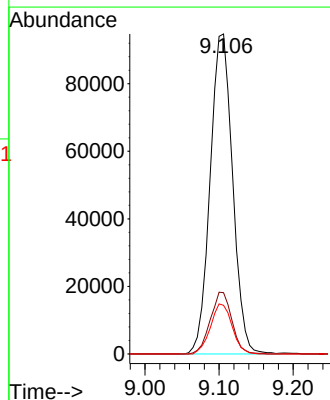
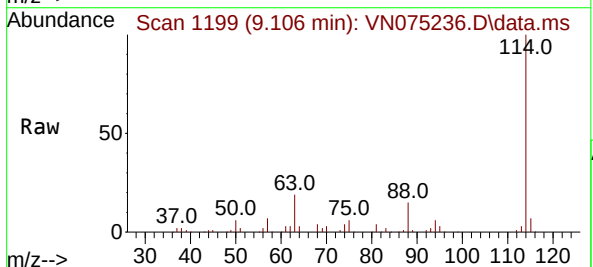
Tgt Ion:114 Resp: 199526

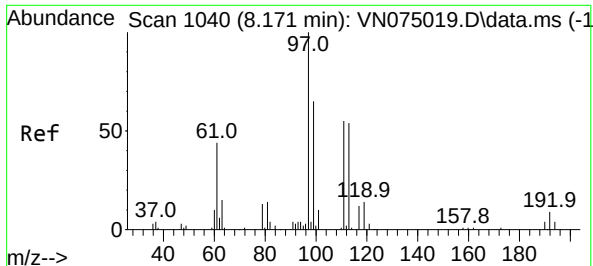
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.250 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 6237

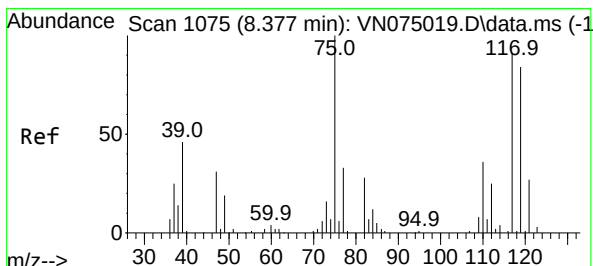
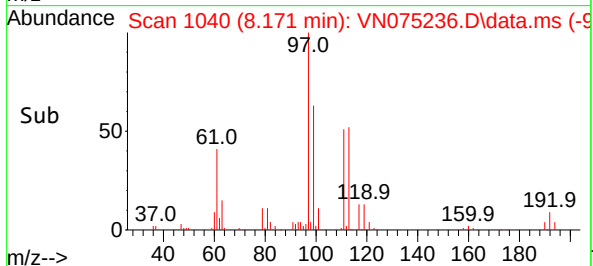
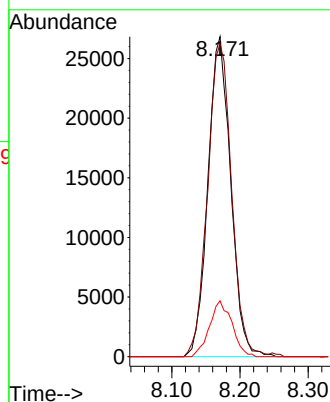
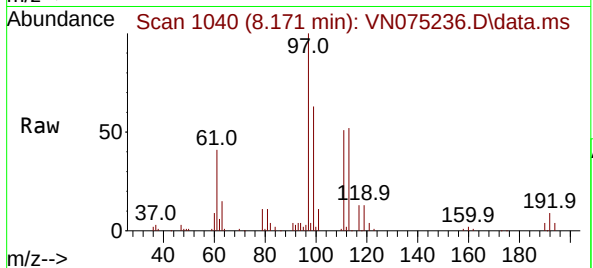
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	17.3	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#36

1,1-Dichloropropene

Concen: 57.219 ug/l

RT: 8.377 min Scan# 1075

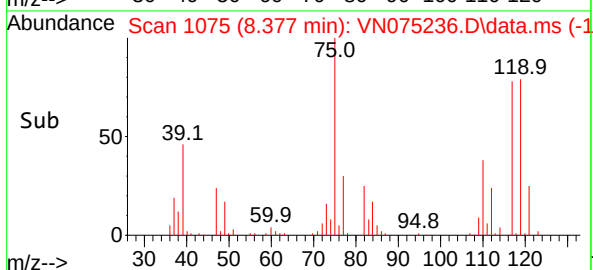
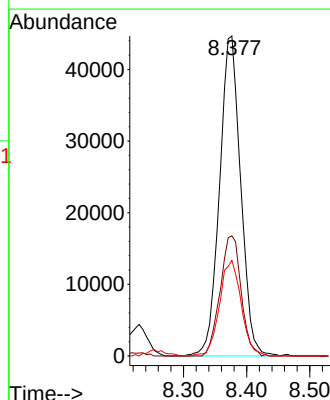
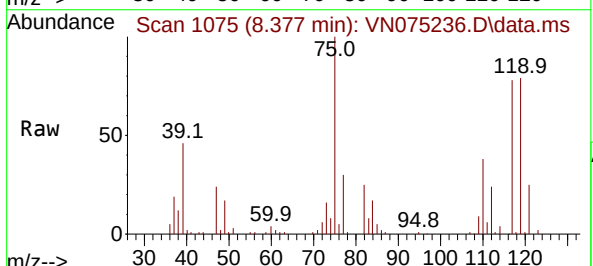
Delta R.T. -0.000 min

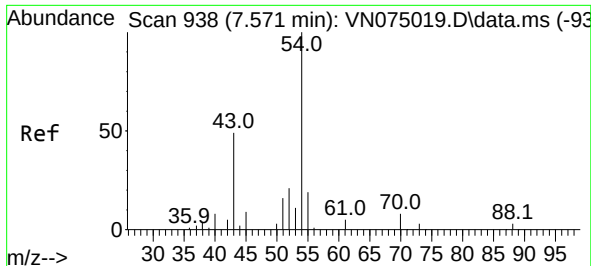
Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Tgt Ion: 75 Resp: 103762

Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.8	53.3
77	30.6	24.6	37.0





#37

Ethyl Acetate

Concen: 47.417 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

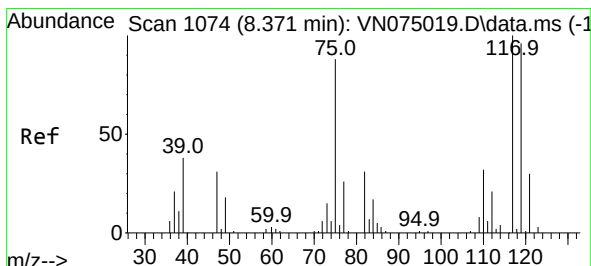
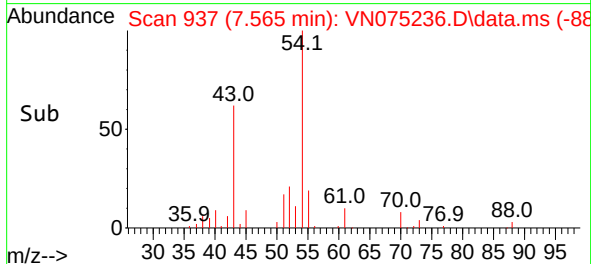
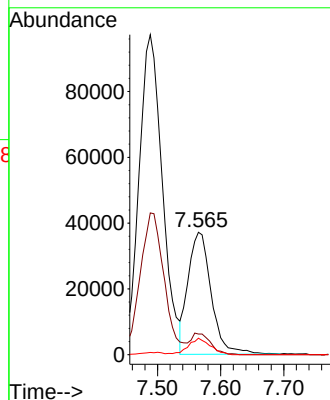
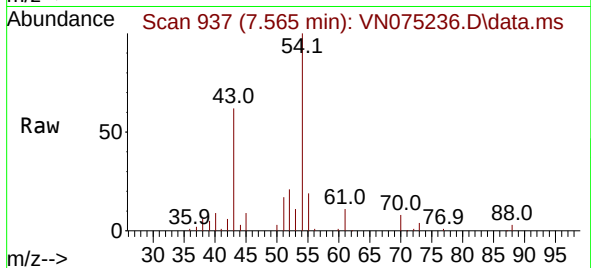
VSTDCCC050EC

Tgt Ion: 43	Resp: 94299
Ion Ratio	Lower Upper
43 100	
61 14.6	12.2 18.4
70 12.6	9.4 14.2

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 58.648 ug/l

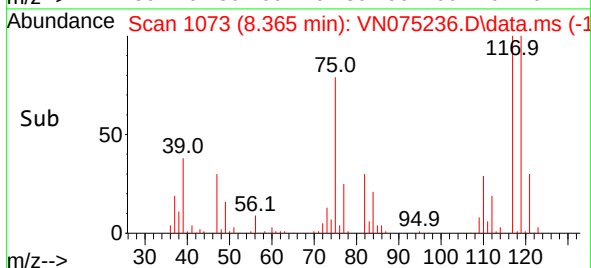
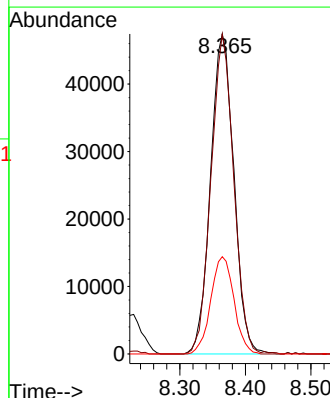
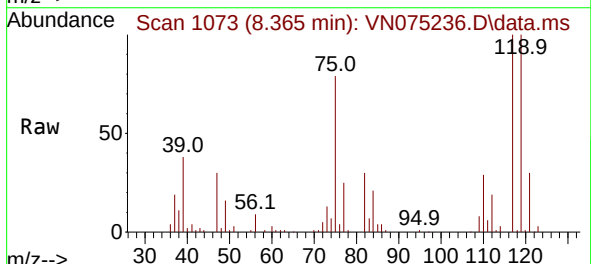
RT: 8.365 min Scan# 1073

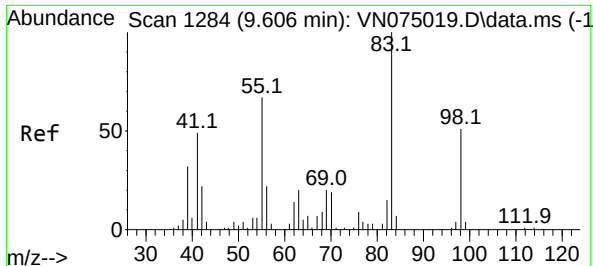
Delta R.T. -0.006 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Tgt Ion: 117	Resp: 116989
Ion Ratio	Lower Upper
117 100	
119 99.9	76.7 115.1
121 30.4	23.9 35.9





#39

Methylcyclohexane

Concen: 54.833 ug/l

RT: 9.600 min Scan# 1112

Delta R.T. -0.006 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13127

Ion Ratio Lower Upper

83 100

55 67.0 53.6 80.4

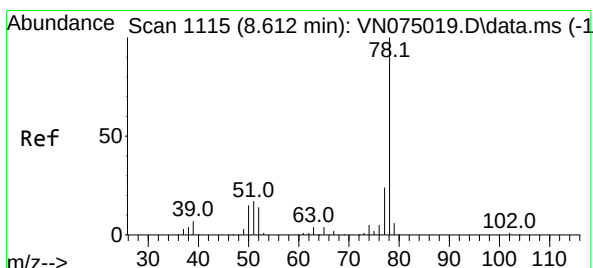
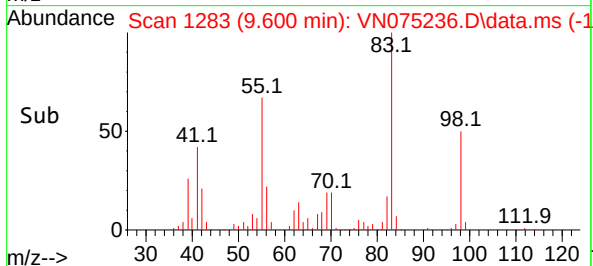
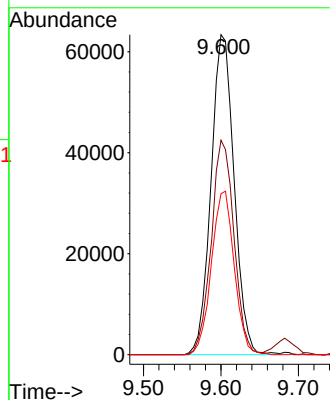
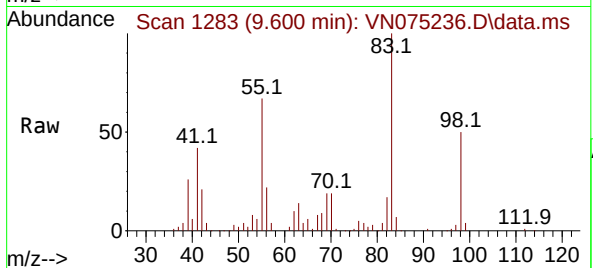
98 50.3 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Benzene

Concen: 56.537 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075236.D

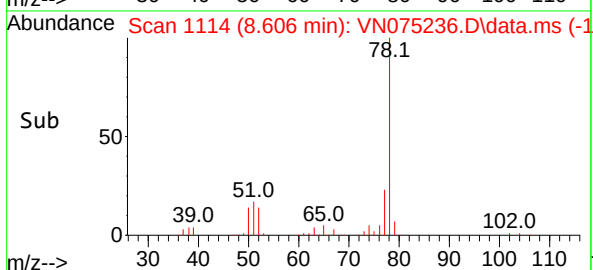
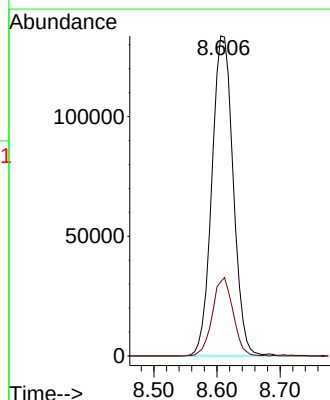
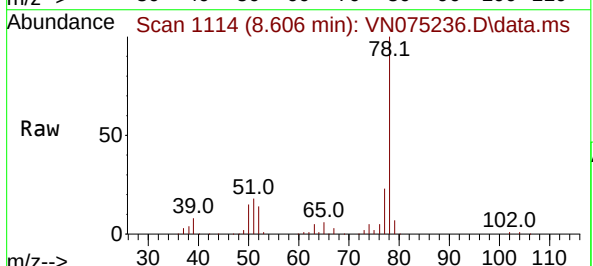
Acq: 10 Nov 2022 16:56

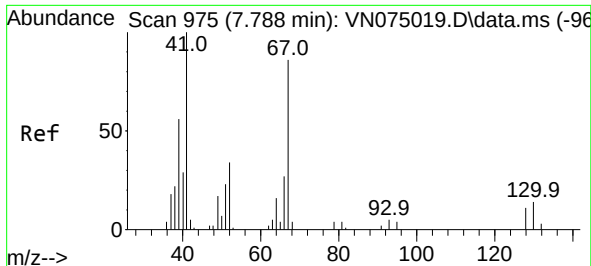
Tgt Ion: 78 Resp: 313919

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0





#41
Methacrylonitrile
Concen: 52.328 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

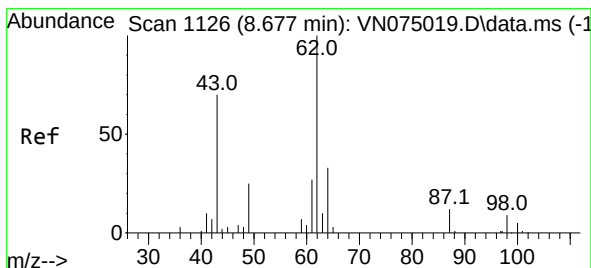
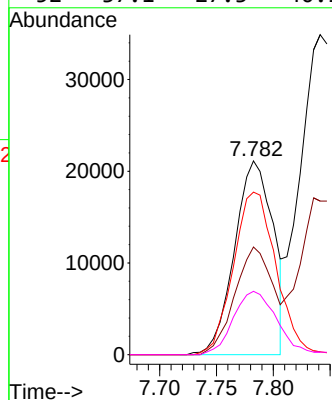
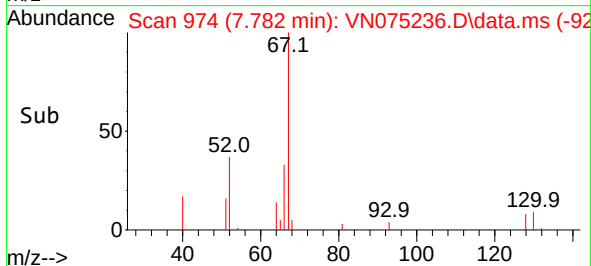
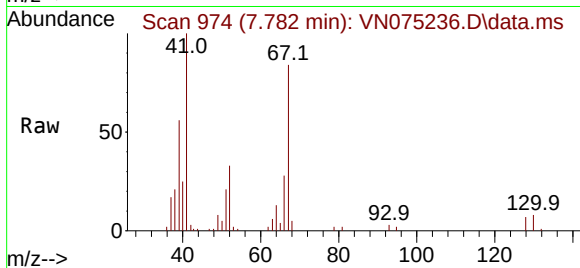
VSTDCCC050EC

Tgt Ion: 41 Resp: 4985
Ion Ratio Lower Upper
41 100
39 54.7 44.4 66.6
67 93.1 69.8 104.6
52 37.1 27.3 40.9

Manual Integrations

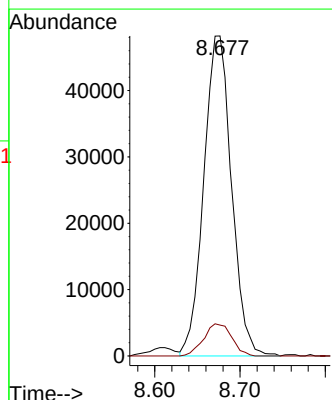
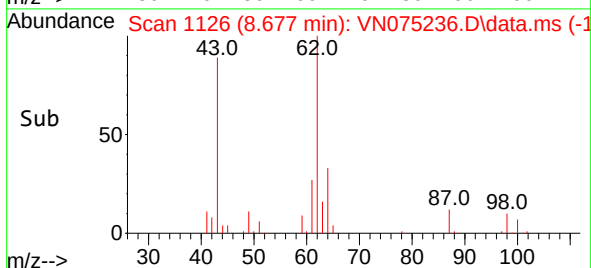
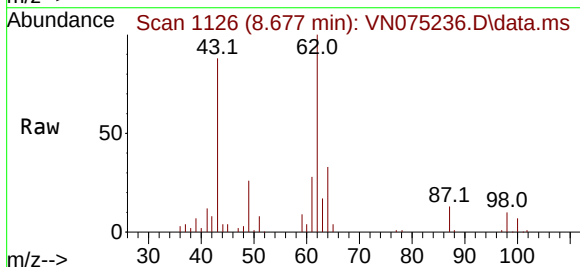
APPROVED

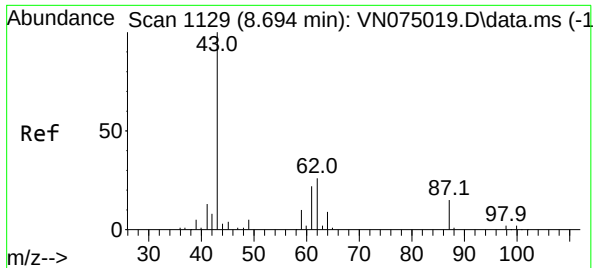
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
1,2-Dichloroethane
Concen: 54.033 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion: 62 Resp: 109151
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.2





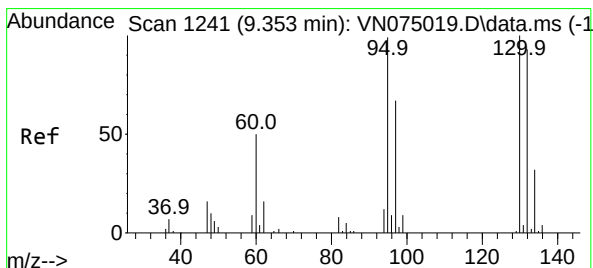
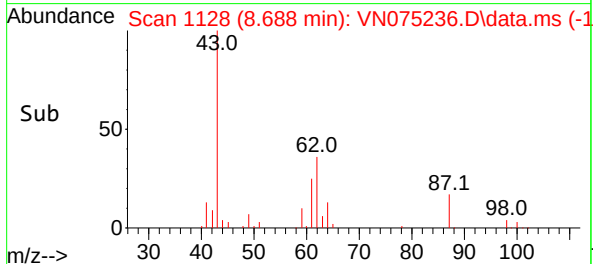
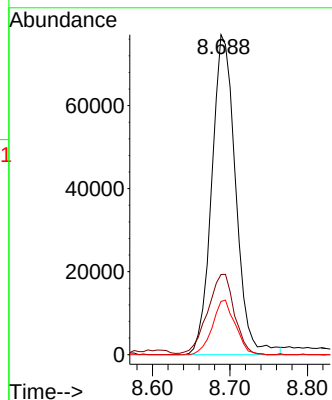
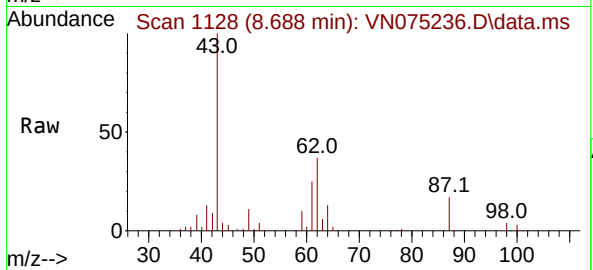
#43
Isopropyl Acetate
Concen: 53.513 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 16507
Ion Ratio Lower Upper
43 100
61 28.2 22.4 33.6
87 16.3 12.5 18.7

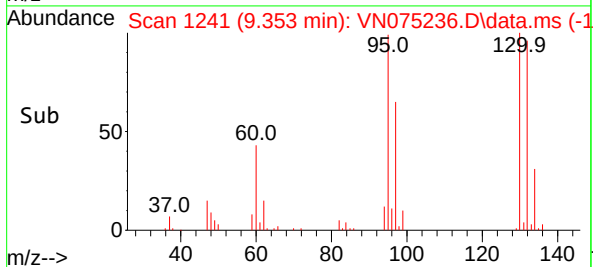
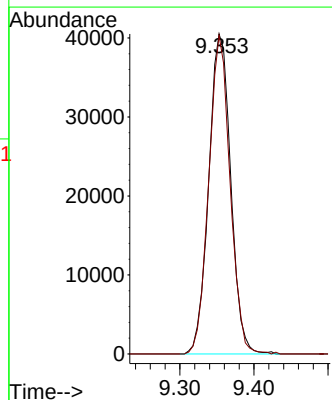
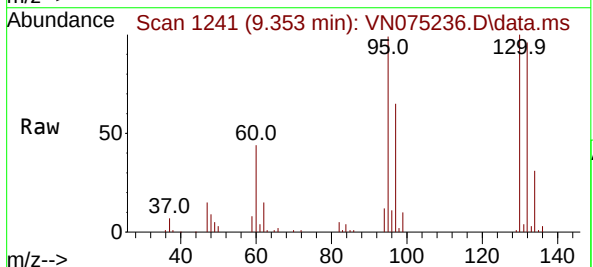
Manual Integrations
APPROVED

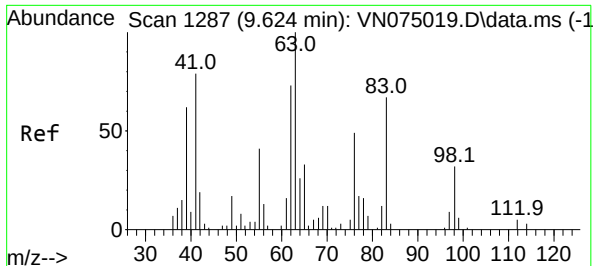
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44
Trichloroethene
Concen: 59.985 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion:130 Resp: 83560
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 58.385 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.001 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7714

Ion Ratio Lower Upper

63 100

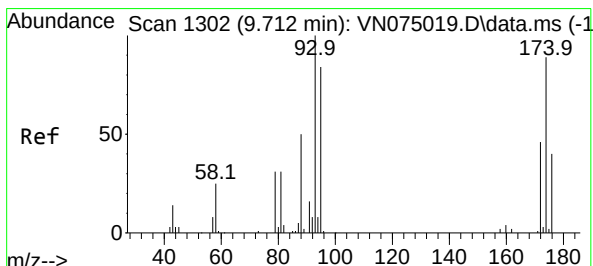
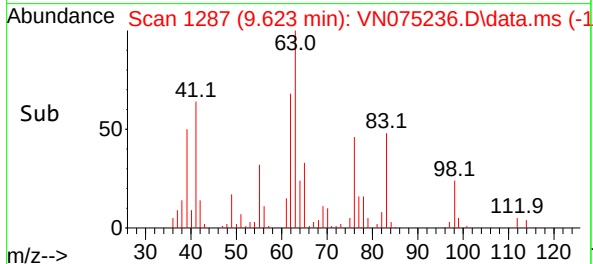
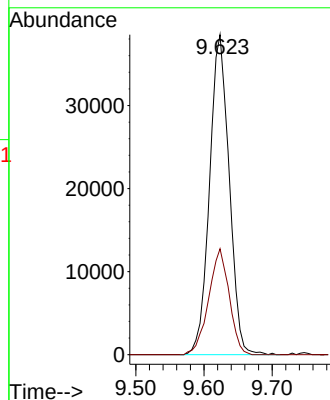
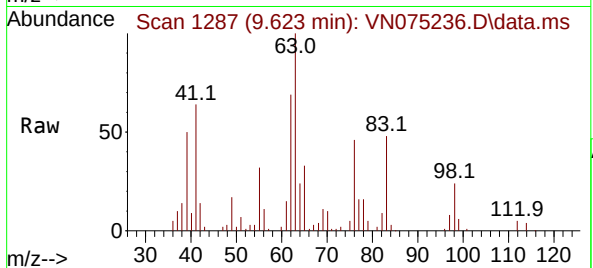
65 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#46

Dibromomethane

Concen: 56.260 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

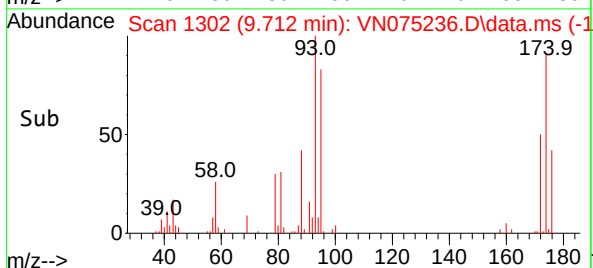
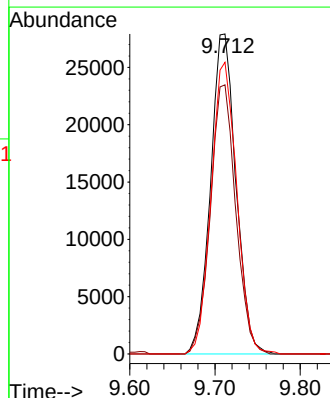
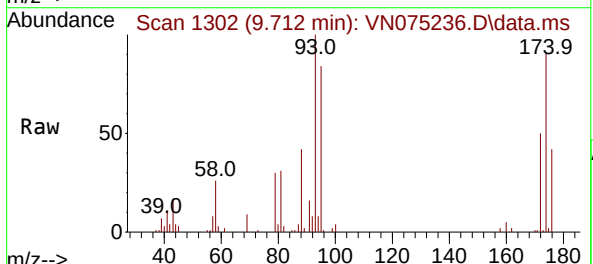
Tgt Ion: 93 Resp: 57917

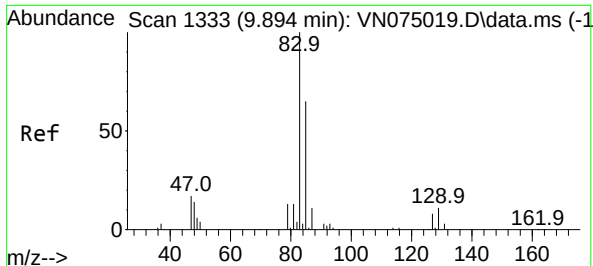
Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

174 92.0 70.3 105.5





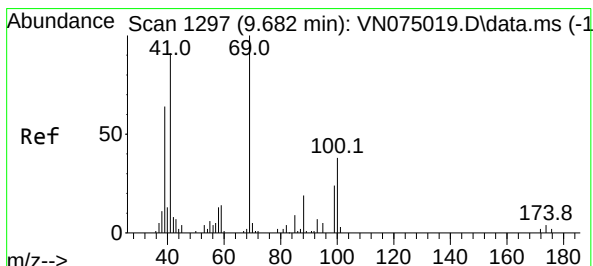
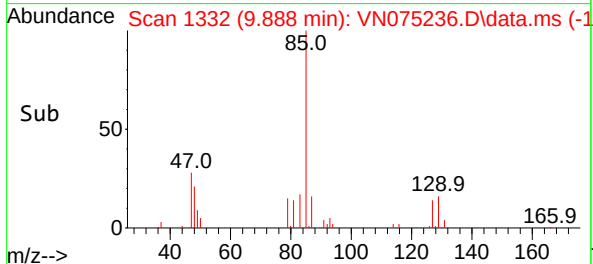
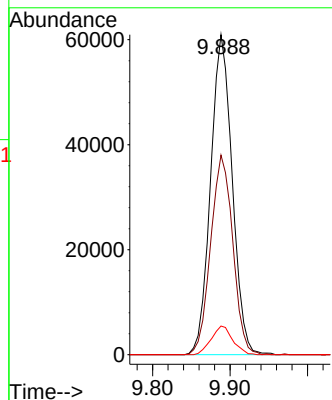
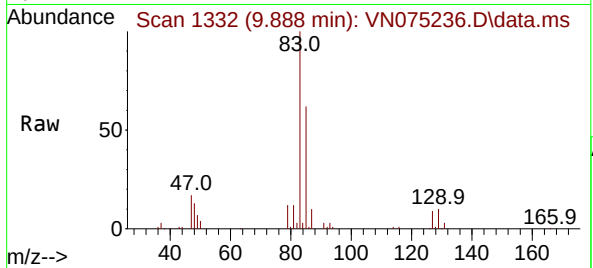
#47
Bromodichloromethane
Concen: 59.201 ug/l
RT: 9.888 min Scan# 11802
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11802
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 9.0 6.6 10.0

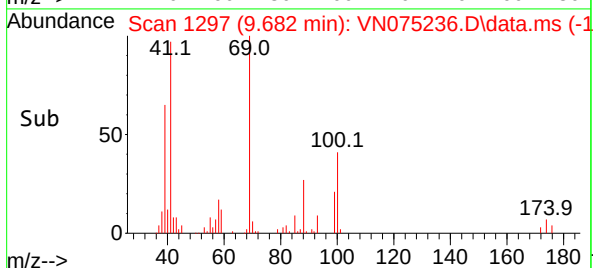
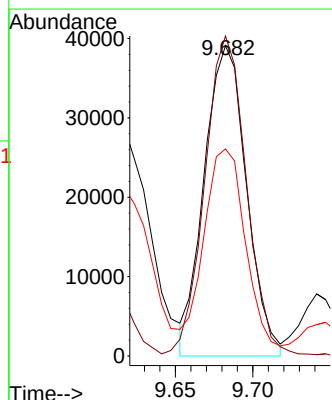
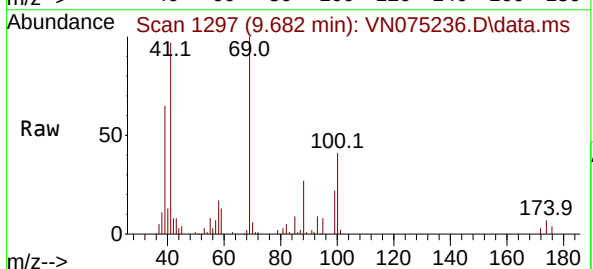
Manual Integrations
APPROVED

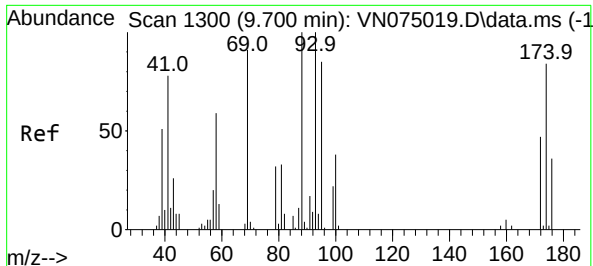
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#48
Methyl methacrylate
Concen: 52.399 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion: 41 Resp: 74147
Ion Ratio Lower Upper
41 100
69 101.8 80.2 120.2
39 66.8 56.2 84.2





#49

1,4-Dioxane

Concen: 1106.484 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 41000

Ion Ratio Lower Upper

88 100

43 20.7 17.5 26.3

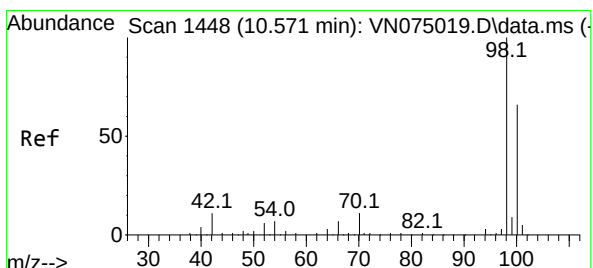
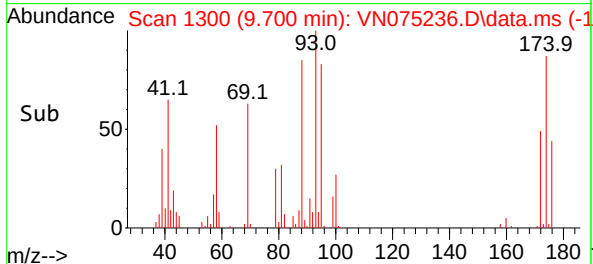
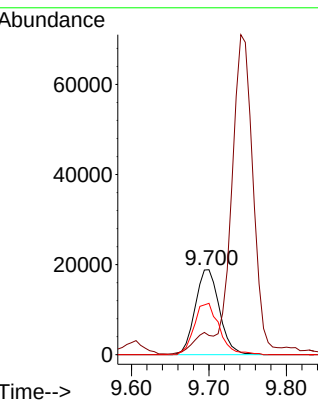
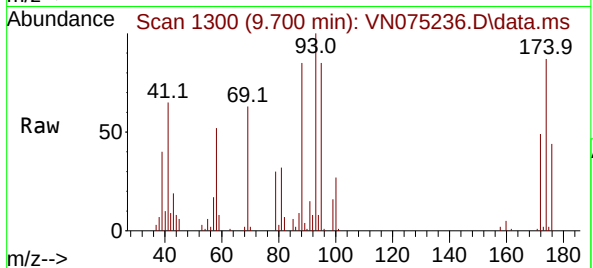
58 62.7 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

Toluene-d8

Concen: 50.148 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075236.D

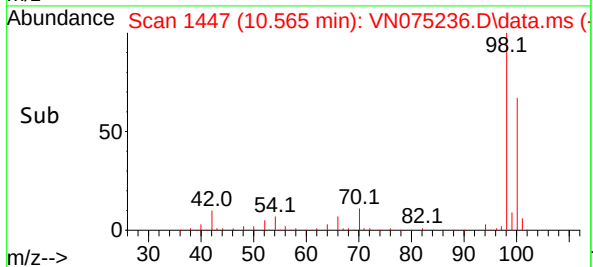
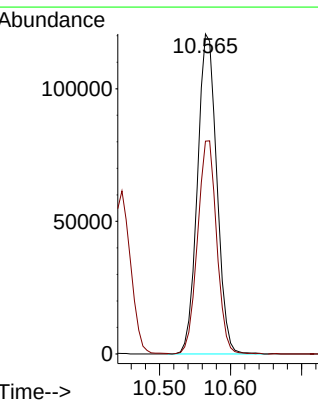
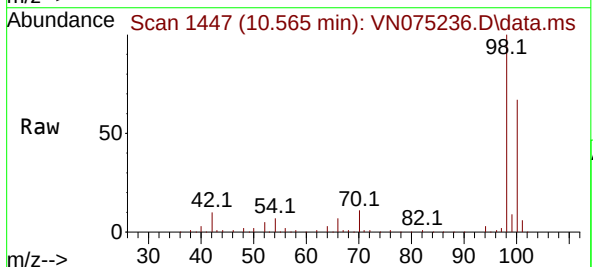
Acq: 10 Nov 2022 16:56

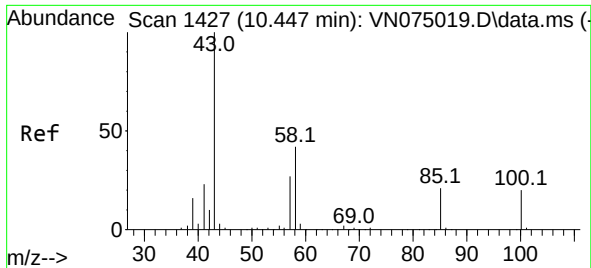
Tgt Ion: 98 Resp: 227892

Ion Ratio Lower Upper

98 100

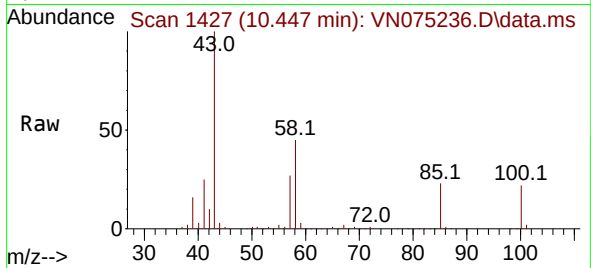
100 65.9 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 261.894 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

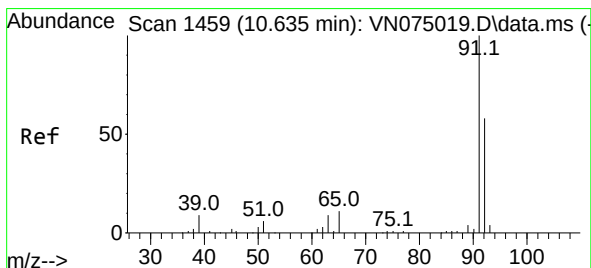
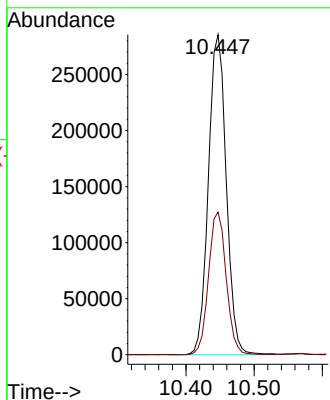
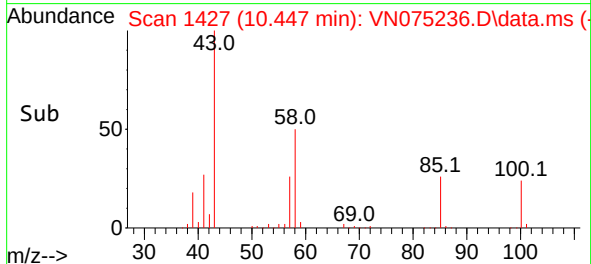
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 52133
Ion Ratio Lower Upper
43 100
58 44.1 33.6 50.4

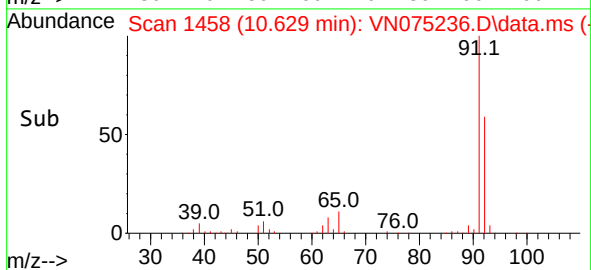
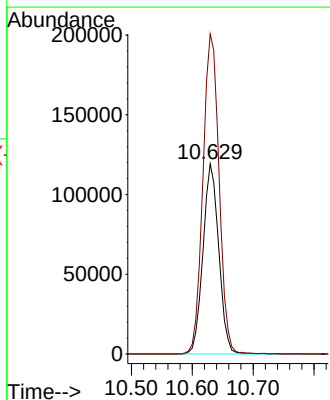
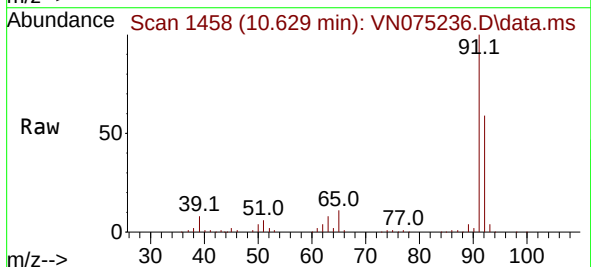
Manual Integrations
APPROVED

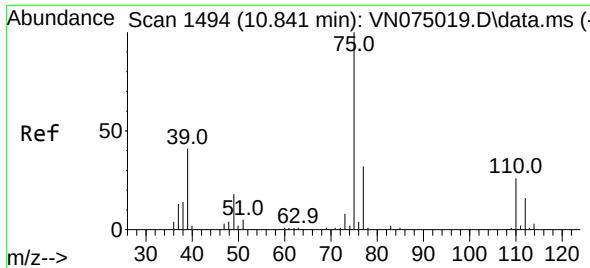
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
Toluene
Concen: 57.702 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion: 92 Resp: 214165
Ion Ratio Lower Upper
92 100
91 172.5 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 59.083 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

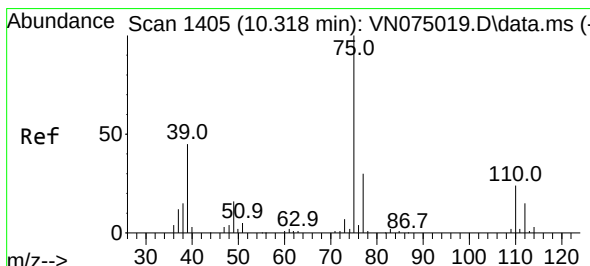
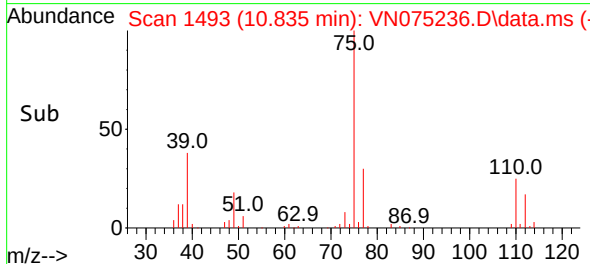
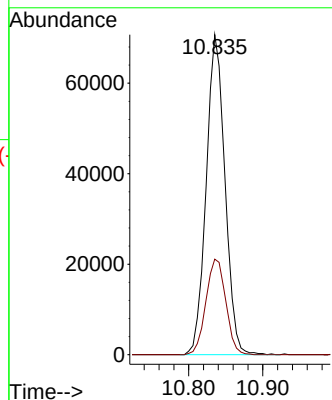
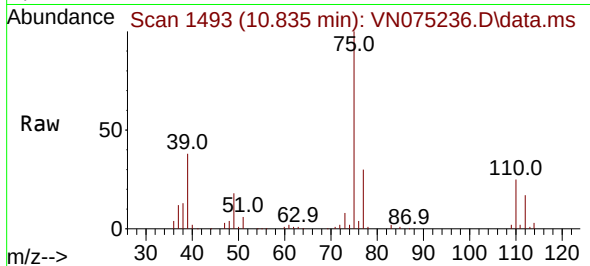
VSTDCCC050EC

Tgt Ion: 75 Resp: 124324
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.2

Manual Integrations

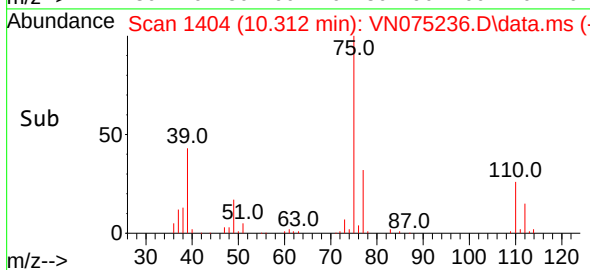
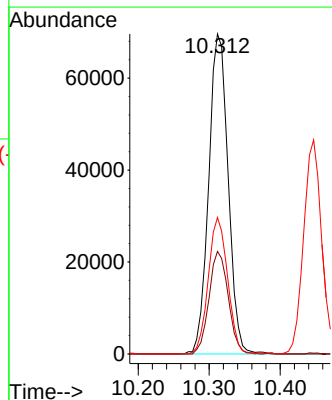
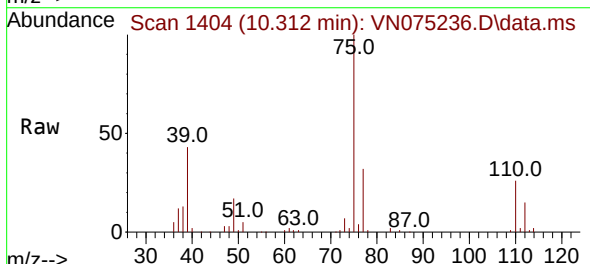
APPROVED

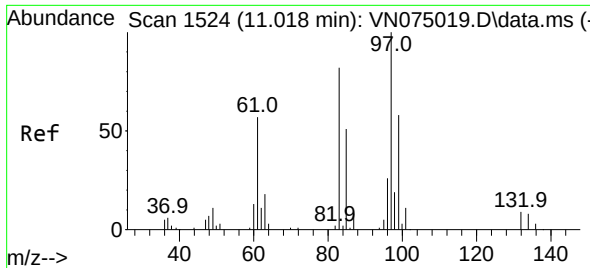
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
cis-1,3-Dichloropropene
Concen: 59.363 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

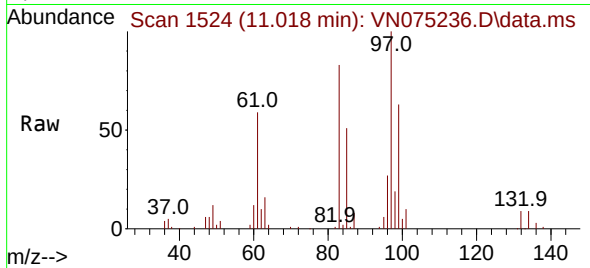
Tgt Ion: 75 Resp: 132488
Ion Ratio Lower Upper
75 100
77 32.1 23.7 35.5
39 42.6 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 58.704 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

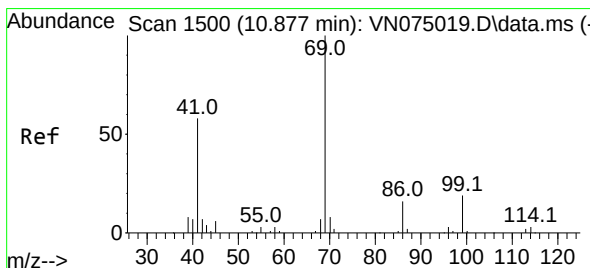
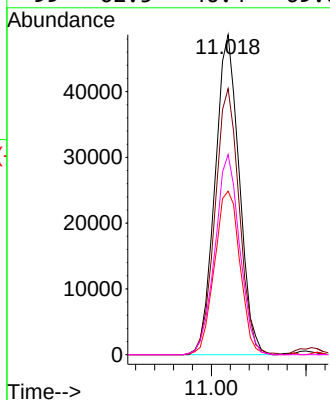
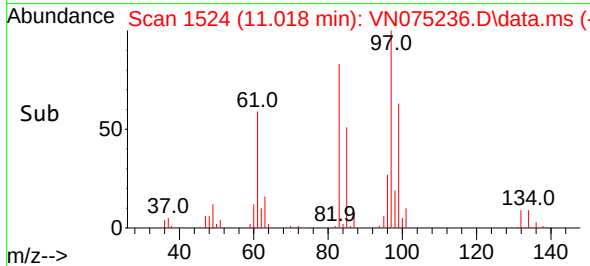
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



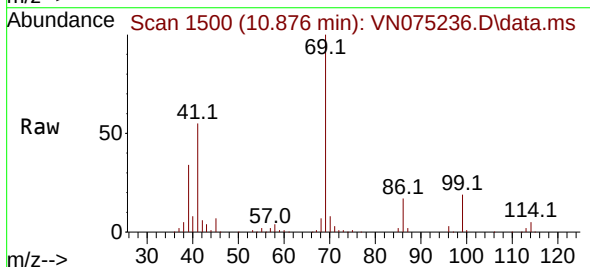
Tgt Ion:	97	Resp:	86394
Ion Ratio	100	Lower	Upper
97	100		
83	83.1	65.9	98.9
85	51.1	40.4	60.6
99	62.5	46.4	69.6

Manual Integrations
APPROVED

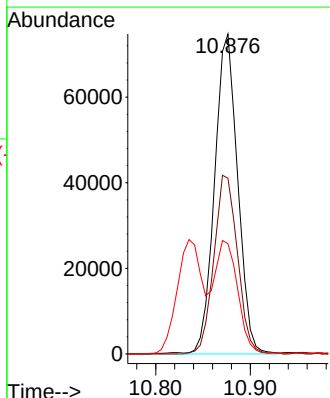
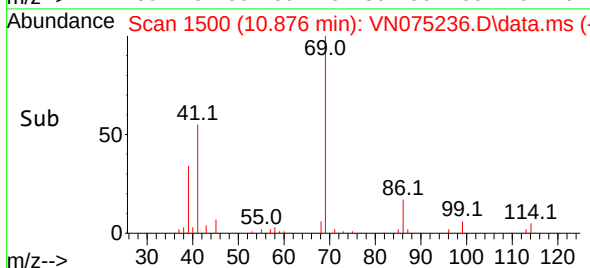
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

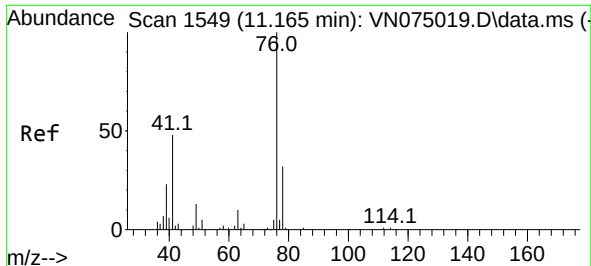


#56
Ethyl methacrylate
Concen: 56.404 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion:	69	Resp:	126619
Ion Ratio	100	Lower	Upper
69	100		
41	57.7	45.6	68.4
39	36.7	28.5	42.7





#57

1,3-Dichloropropane

Concen: 58.463 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 143284

Ion Ratio Lower Upper

76 100

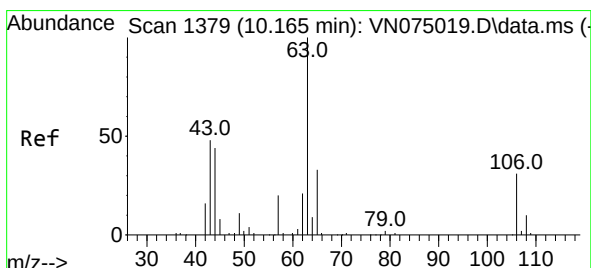
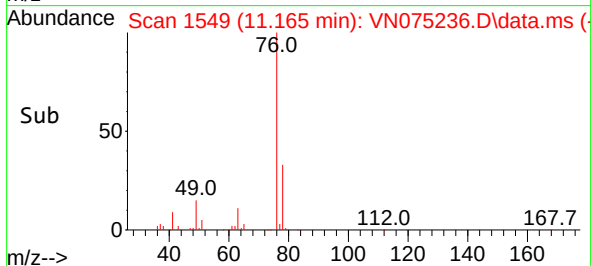
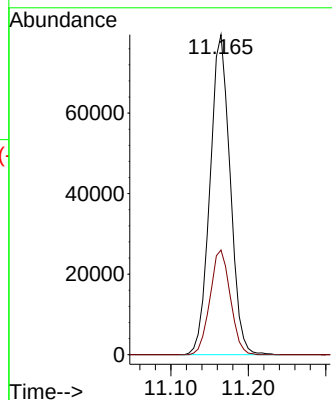
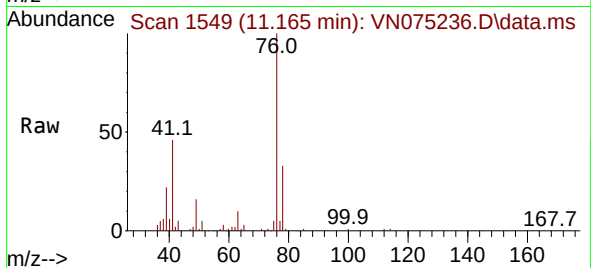
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 265.270 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075236.D

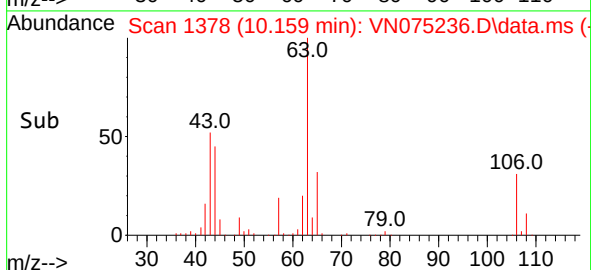
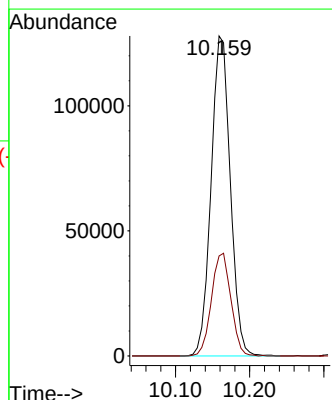
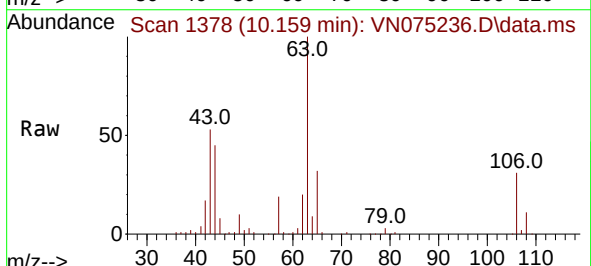
Acq: 10 Nov 2022 16:56

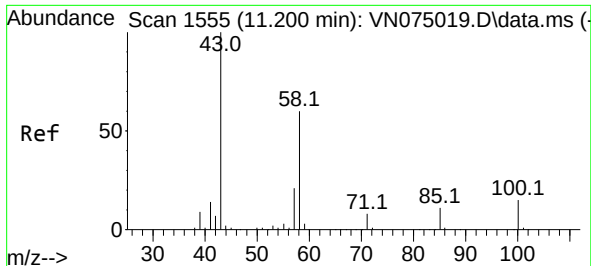
Tgt Ion: 63 Resp: 230217

Ion Ratio Lower Upper

63 100

106 32.5 24.8 37.2





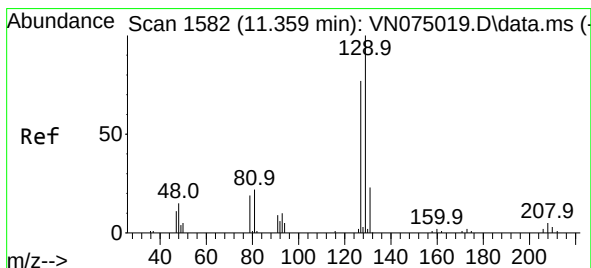
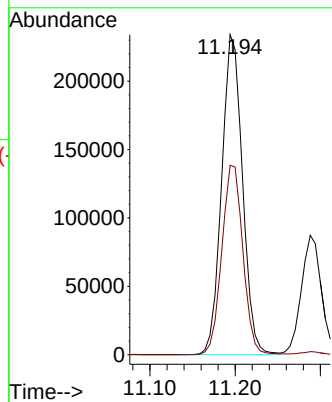
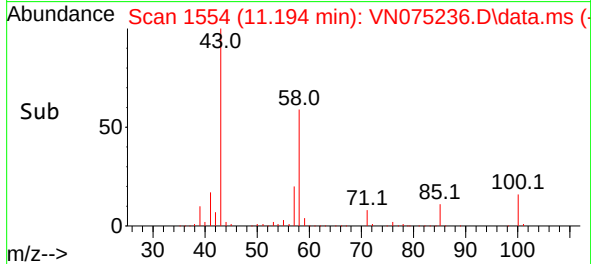
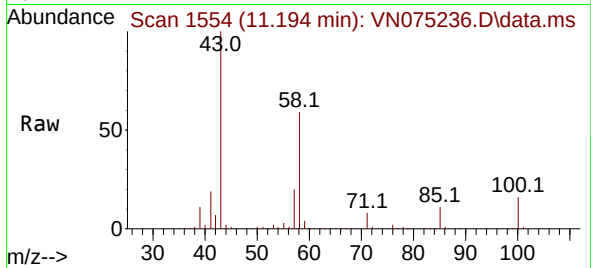
#59
2-Hexanone
Concen: 262.609 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 39675
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8

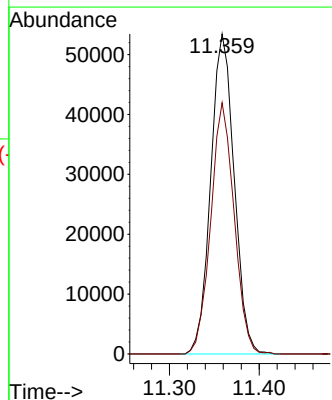
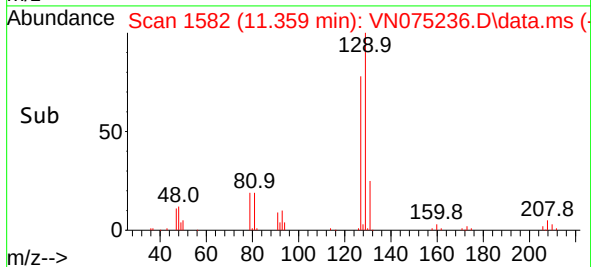
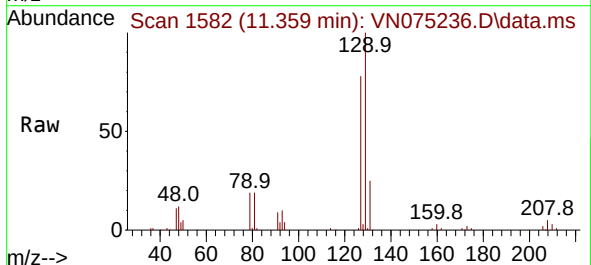
Manual Integrations
APPROVED

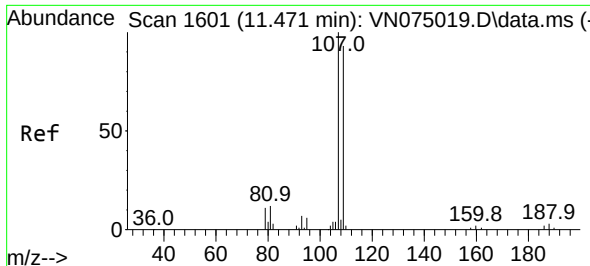
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#60
Dibromochloromethane
Concen: 62.437 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

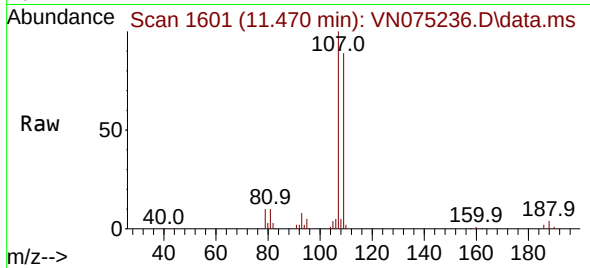
Tgt Ion:129 Resp: 96945
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 60.006 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

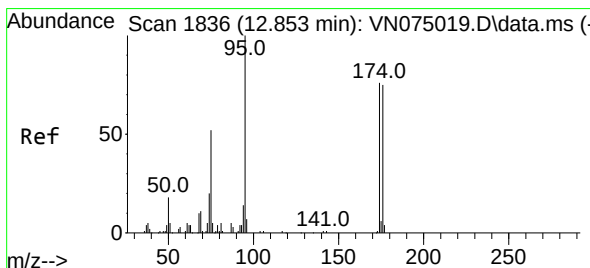
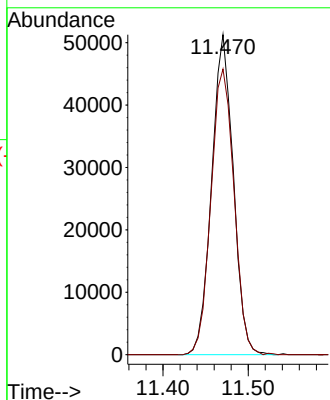
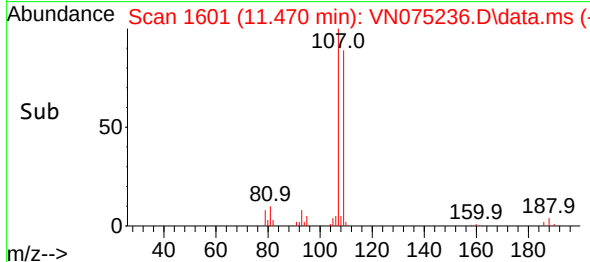
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



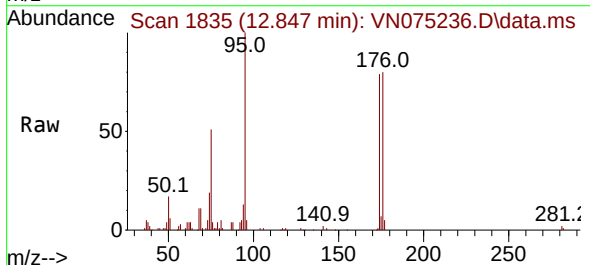
Tgt Ion:107 Resp: 90500
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

Manual Integrations
APPROVED

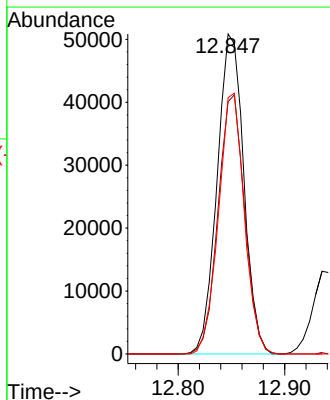
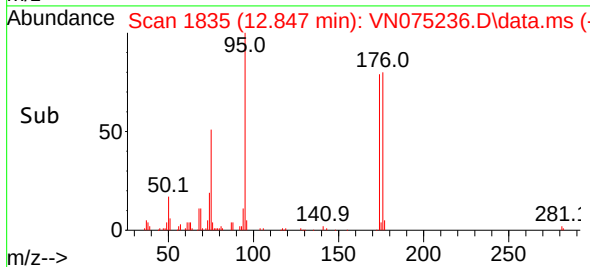
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

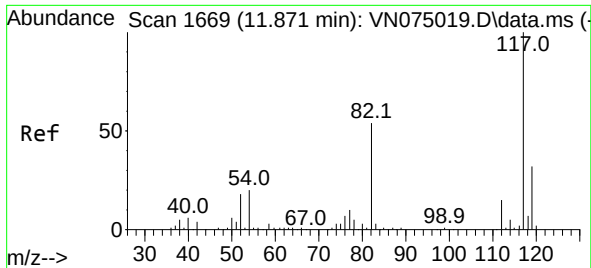


#62
4-Bromofluorobenzene
Concen: 55.323 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion: 95 Resp: 88316
Ion Ratio Lower Upper
95 100
174 80.6 0.0 147.4
176 79.0 0.0 142.2





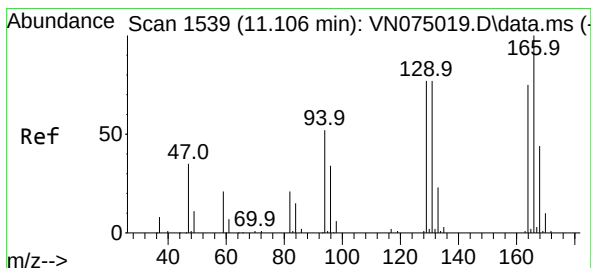
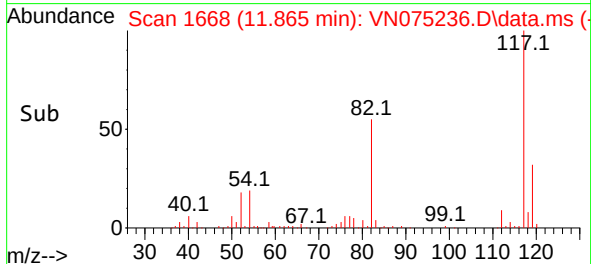
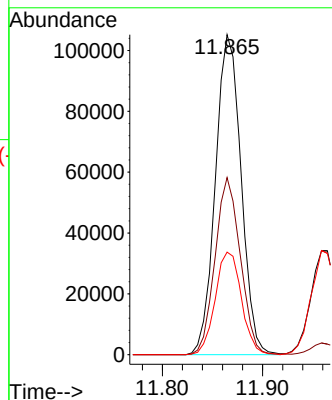
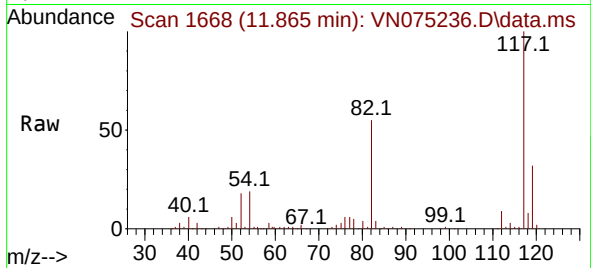
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 18717
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 32.0 25.5 38.3

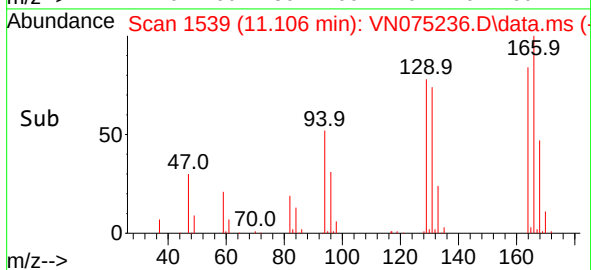
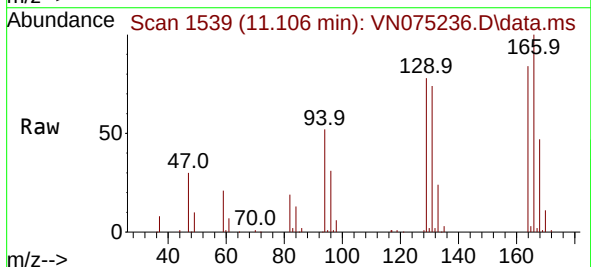
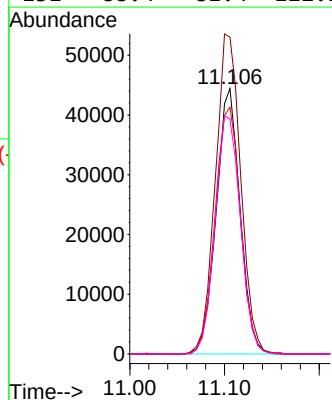
Manual Integrations
APPROVED

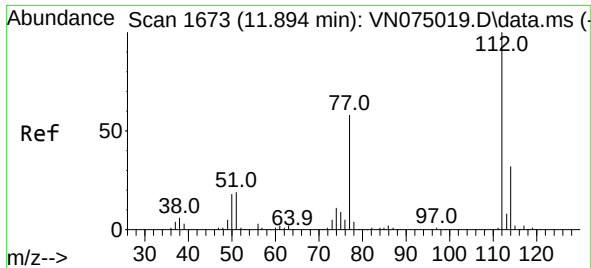
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
Tetrachloroethene
Concen: 67.883 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion:164 Resp: 77899
Ion Ratio Lower Upper
164 100
166 119.3 106.5 159.7
129 92.9 81.9 122.9
131 88.4 81.4 122.2





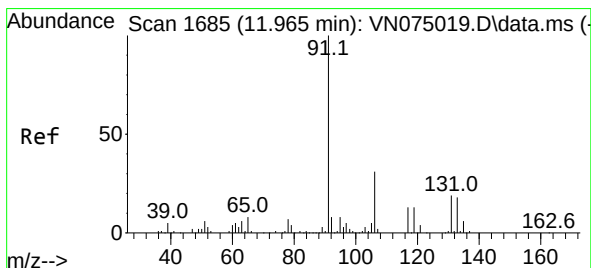
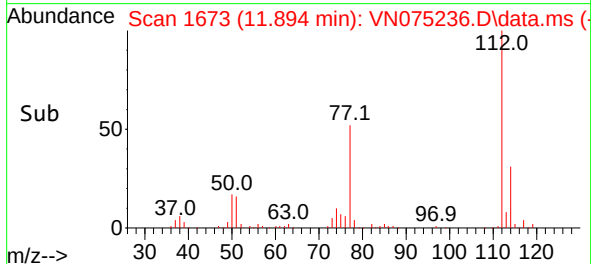
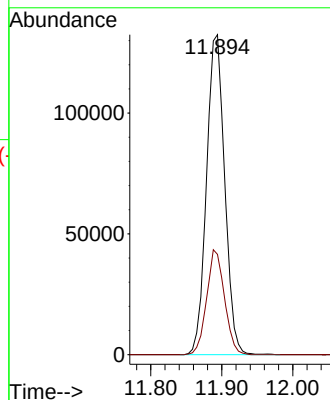
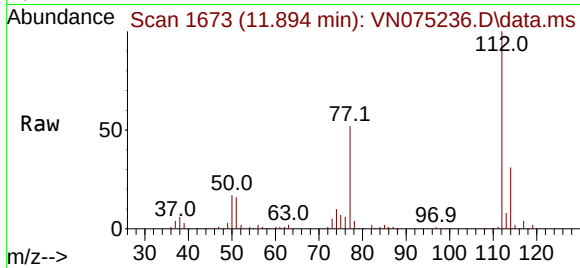
#65
Chlorobenzene
Concen: 59.026 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 235829
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

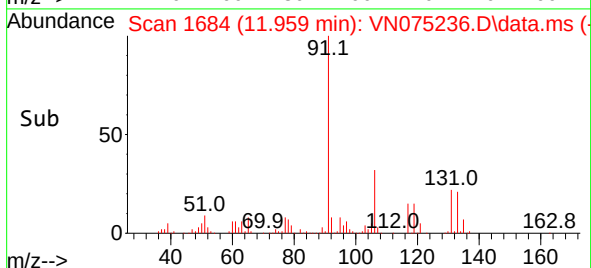
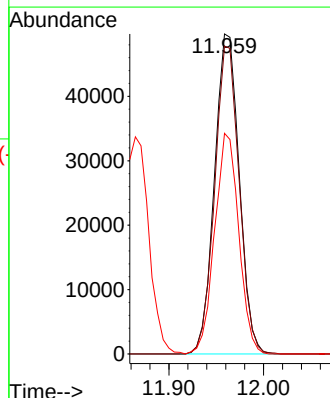
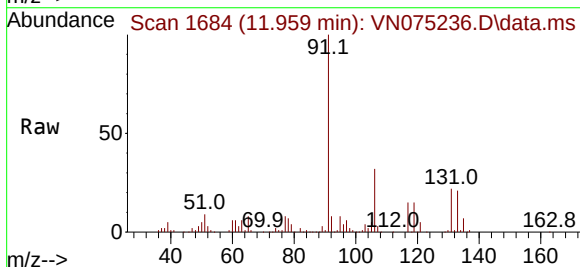
Manual Integrations
APPROVED

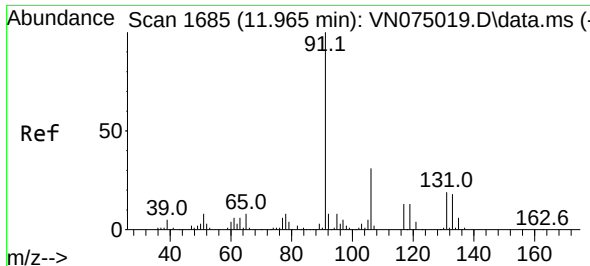
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 60.902 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion:131 Resp: 90262
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 67.3 33.0 99.0





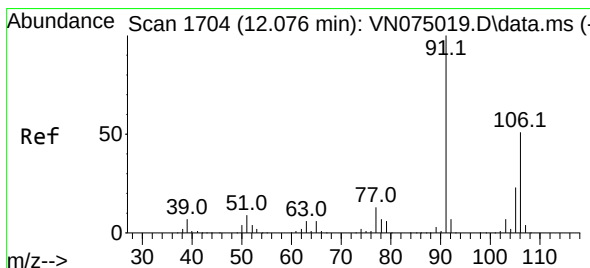
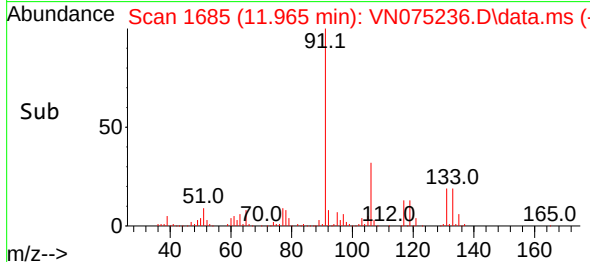
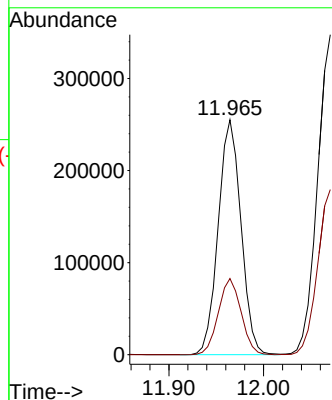
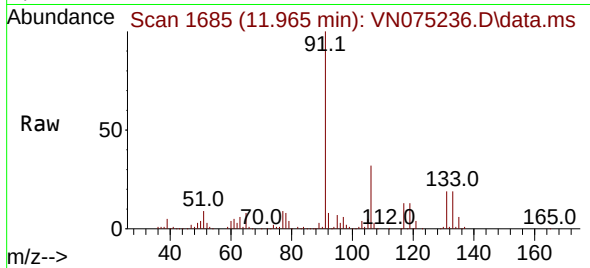
#67
Ethyl Benzene
Concen: 59.369 ug/l
RT: 11.965 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 426748
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

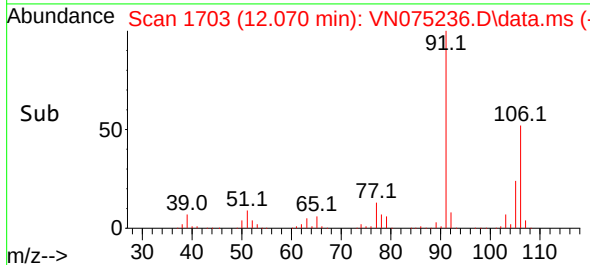
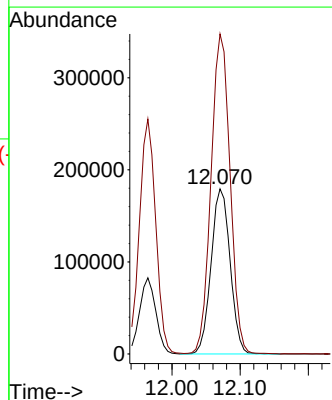
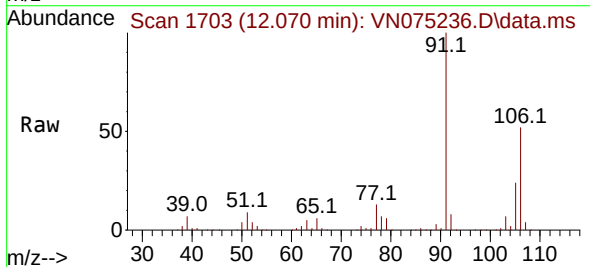
Manual Integrations
APPROVED

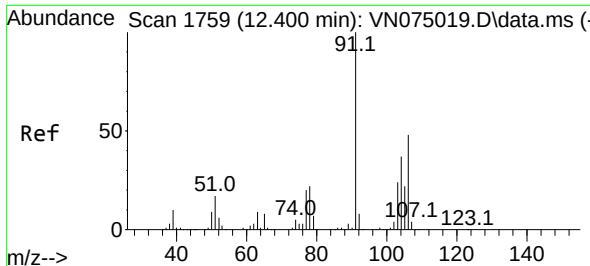
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
m/p-Xylenes
Concen: 120.636 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion:106 Resp: 347939
Ion Ratio Lower Upper
106 100
91 194.4 156.0 234.0





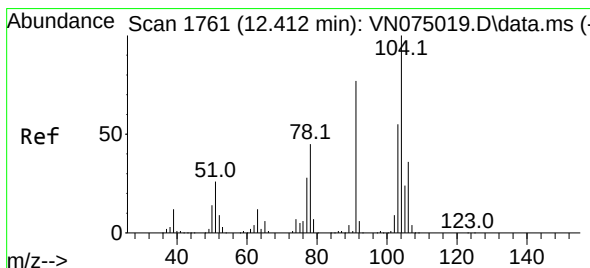
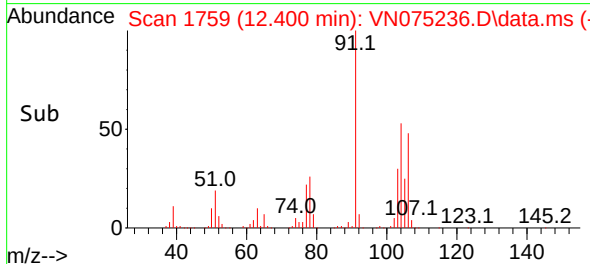
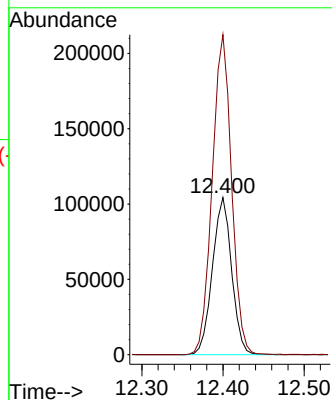
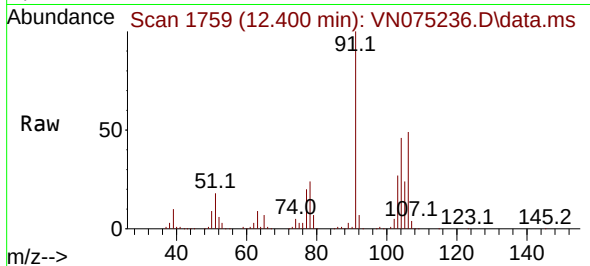
#69
o-Xylene
Concen: 60.097 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 17141
Ion Ratio Lower Upper
106 100
91 205.2 105.2 315.5

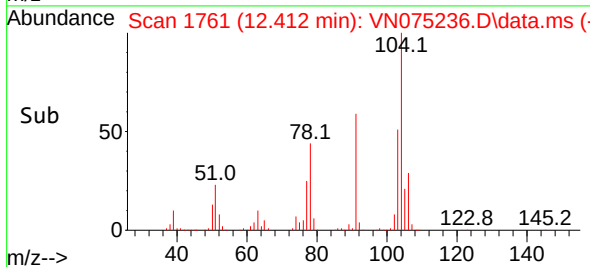
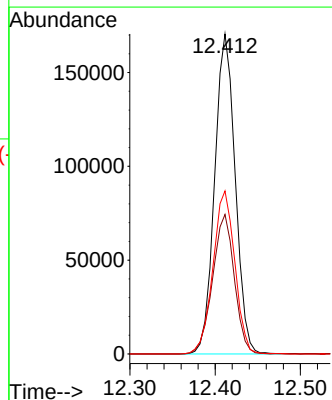
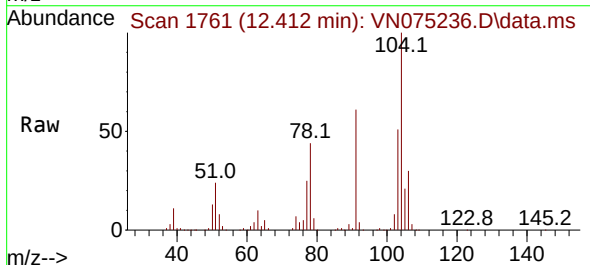
Manual Integrations
APPROVED

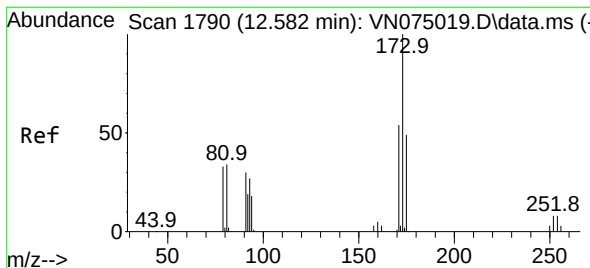
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
Styrene
Concen: 62.868 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion:104 Resp: 285927
Ion Ratio Lower Upper
104 100
78 46.1 38.1 57.1
103 54.2 44.6 66.8





#71

Bromoform

Concen: 64.232 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

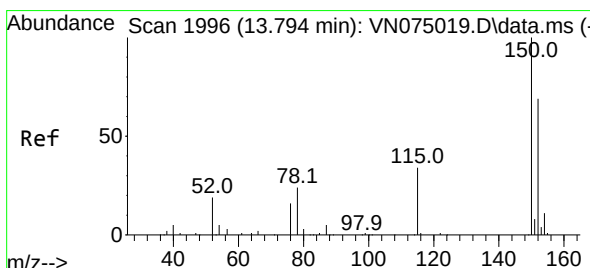
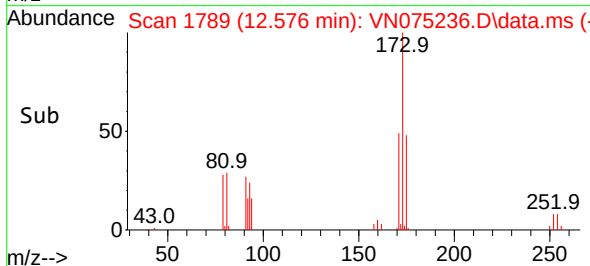
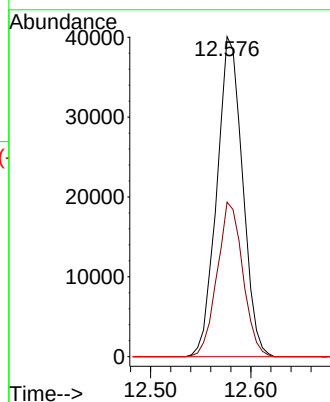
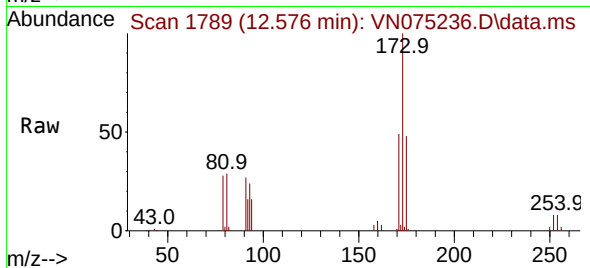
Tgt Ion:	173	Resp:	71274
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

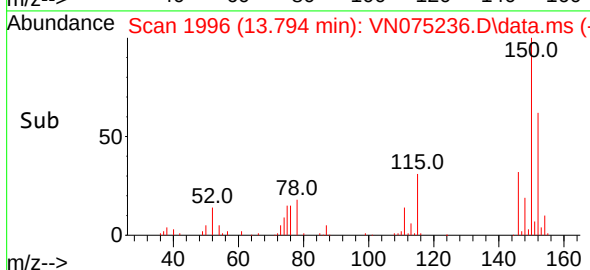
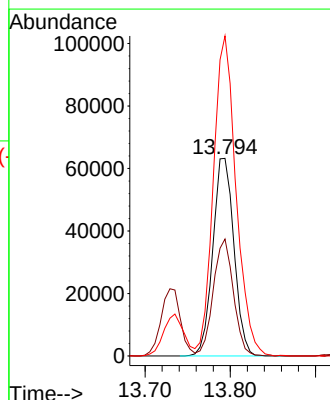
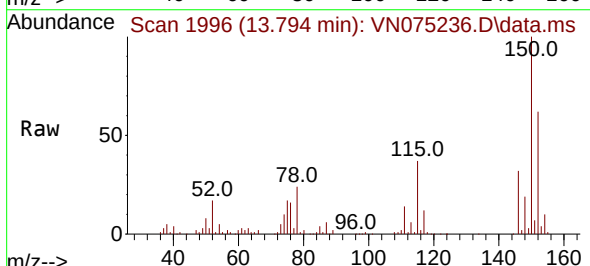
RT: 13.794 min Scan# 1996

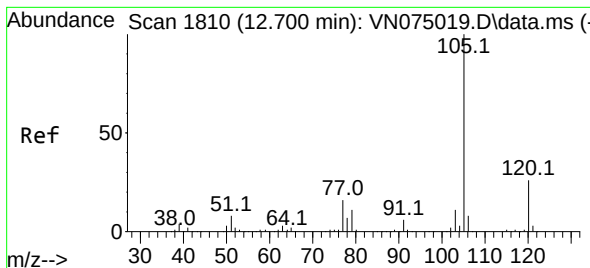
Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Tgt Ion:	152	Resp:	109029
Ion Ratio	Lower	Upper	
152	100		
115	56.4	30.2	90.6
150	173.4	0.0	348.4





#73

Isopropylbenzene

Concen: 51.142 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 447650

Ion Ratio Lower Upper

105 100

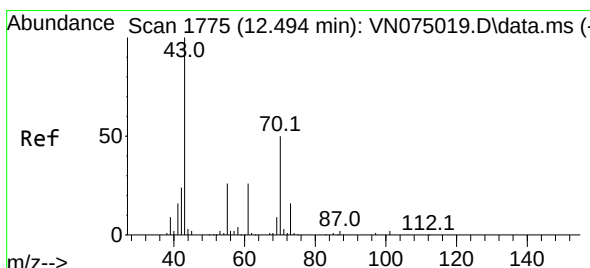
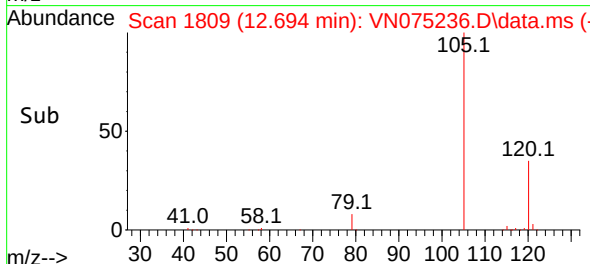
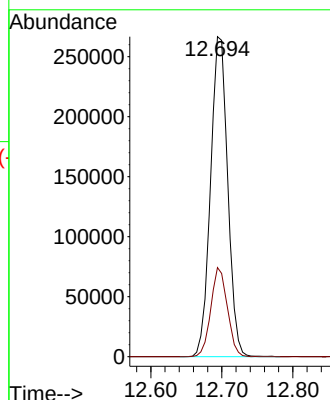
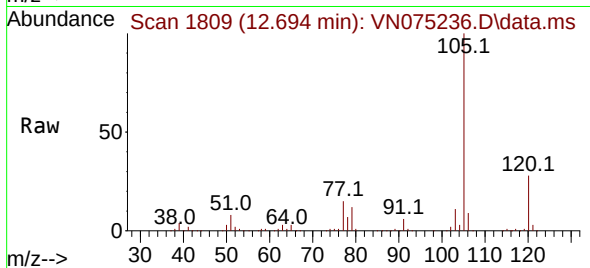
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#74

N-ethyl acetate

Concen: 46.648 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Tgt Ion: 43 Resp: 151015

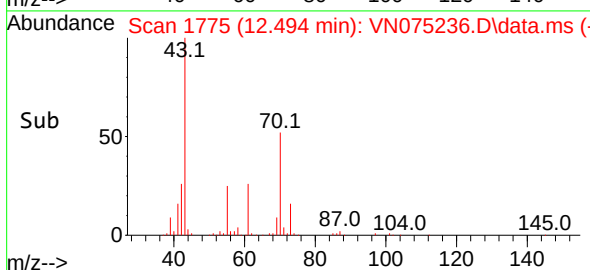
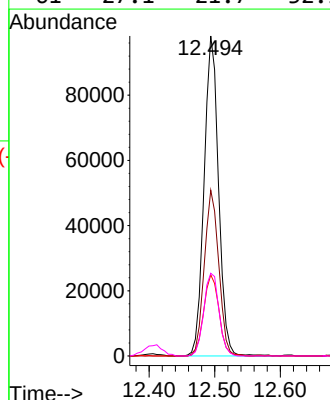
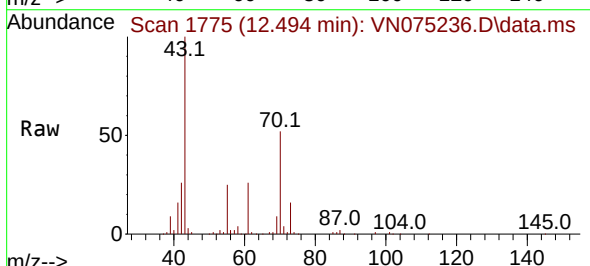
Ion Ratio Lower Upper

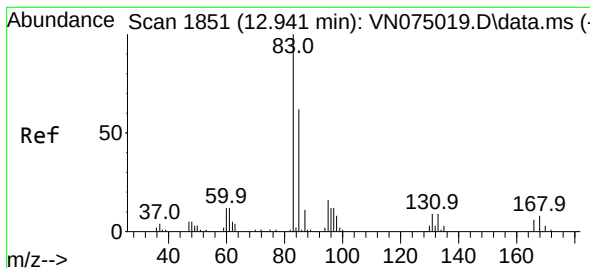
43 100

70 51.8 39.8 59.8

55 26.8 19.9 29.9

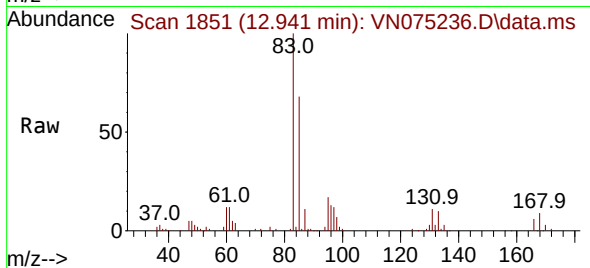
61 27.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 53.957 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

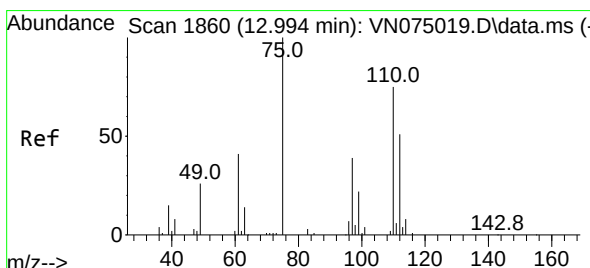
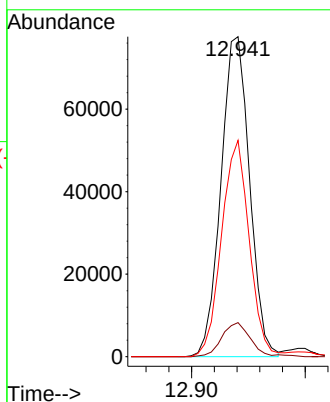
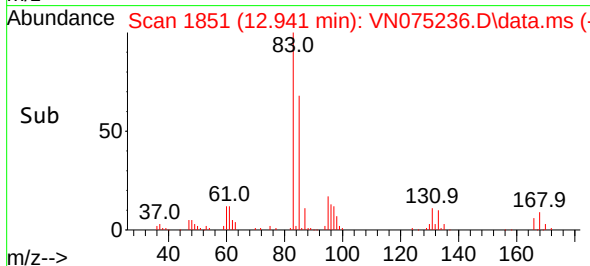
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



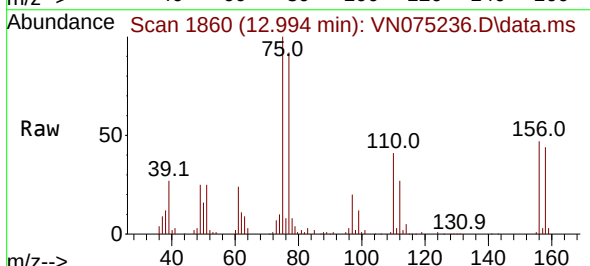
Tgt Ion: 83 Resp: 13574
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 65.4 31.6 94.7

Manual Integrations
APPROVED

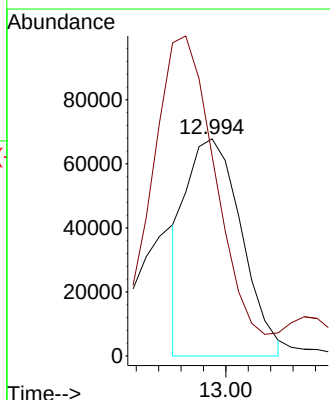
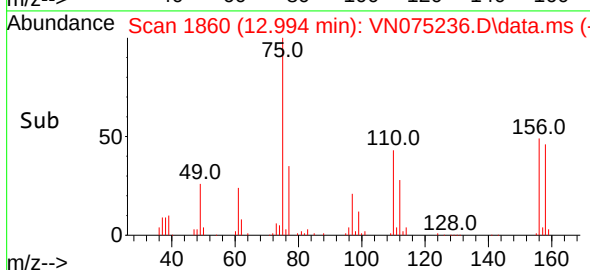
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

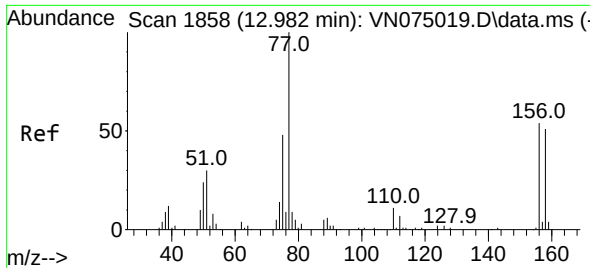


#76
1,2,3-Trichloropropane
Concen: 50.174 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



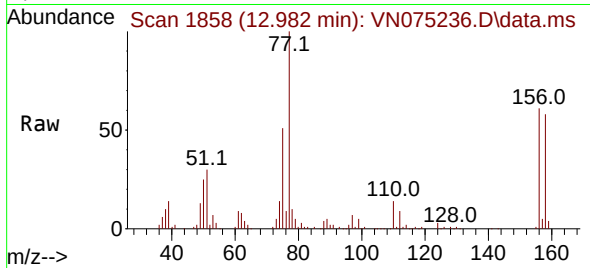
Tgt Ion: 75 Resp: 116152
Ion Ratio Lower Upper
75 100
77 174.7 75.6 226.8





#77
Bromobenzene
Concen: 54.171 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

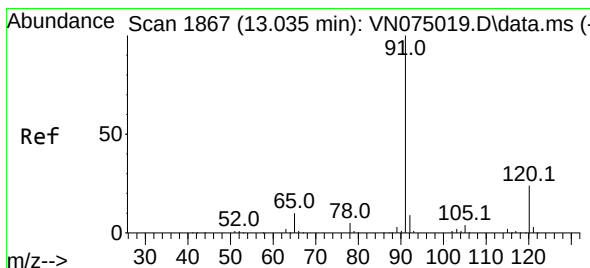
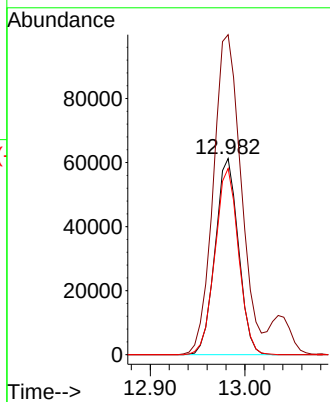
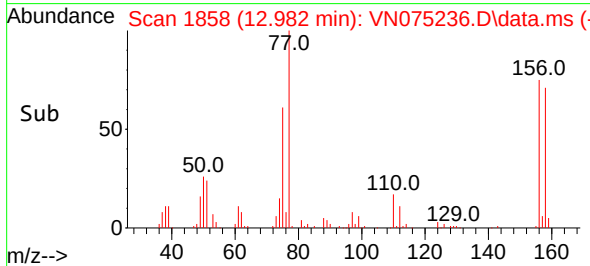
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



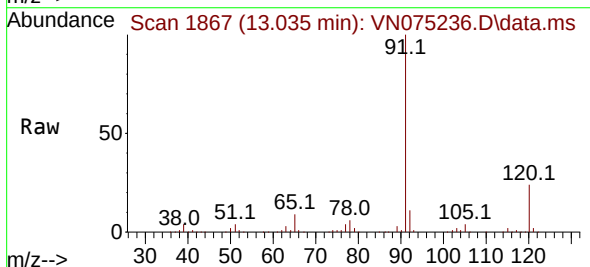
Tgt Ion:156 Resp: 104409
Ion Ratio Lower Upper
156 100
77 194.4 108.5 325.5
158 96.5 47.7 143.1

Manual Integrations
APPROVED

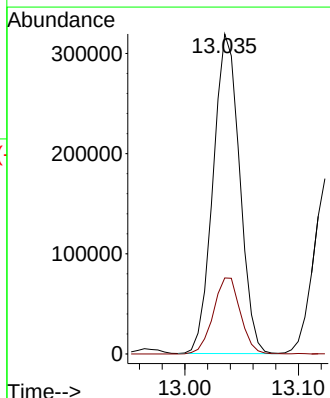
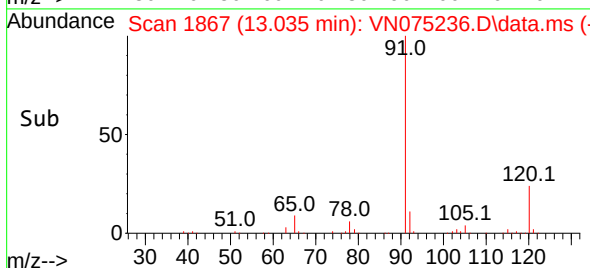
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

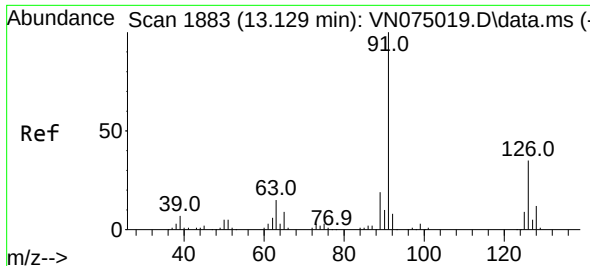


#78
n-propylbenzene
Concen: 52.708 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion: 91 Resp: 517974
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5





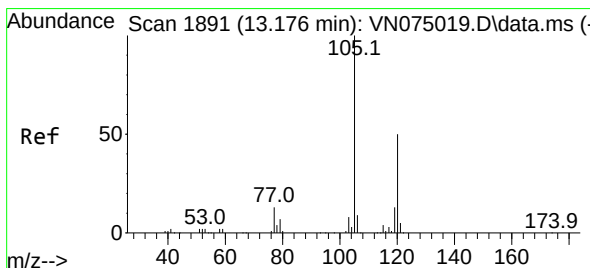
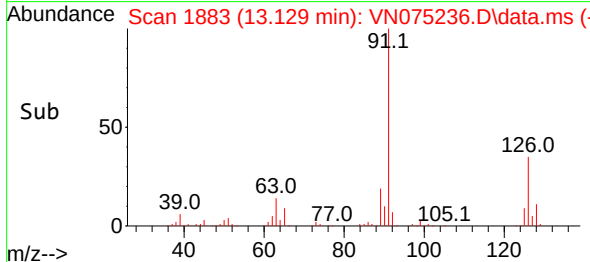
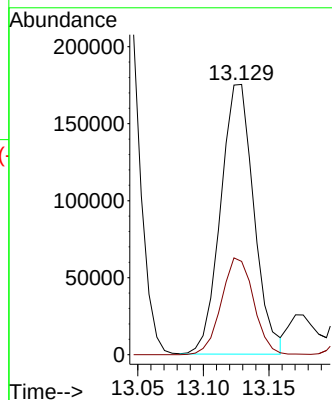
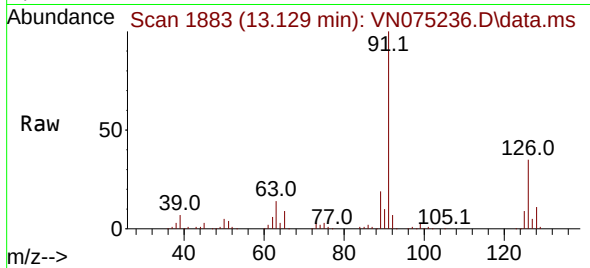
#79
2-Chlorotoluene
Concen: 51.576 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 30972
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.7

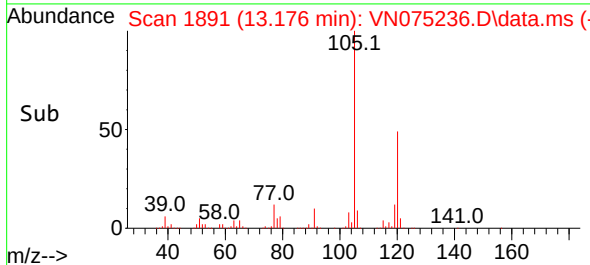
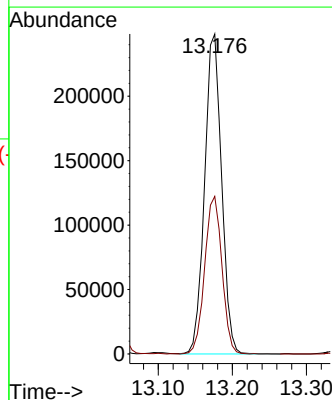
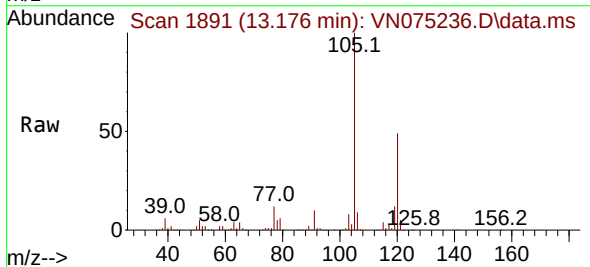
Manual Integrations
APPROVED

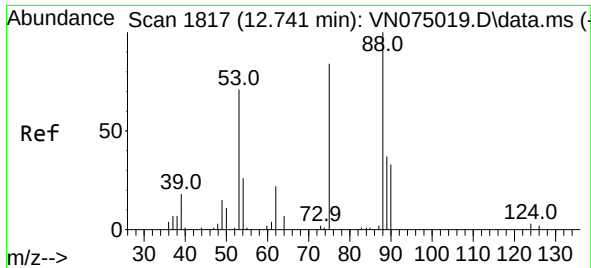
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.957 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Tgt Ion:105 Resp: 396680
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





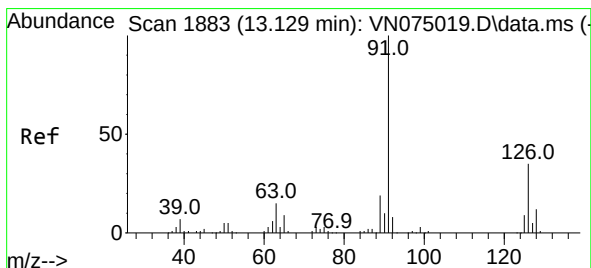
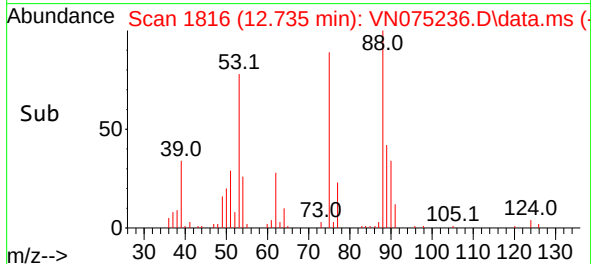
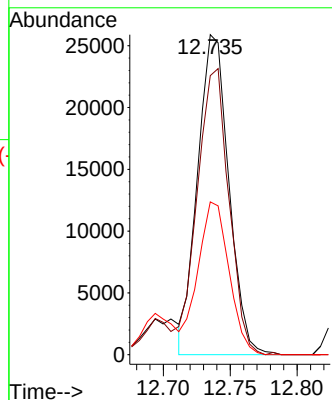
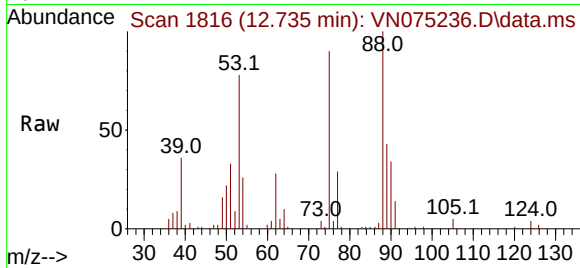
#81
trans-1,4-Dichloro-2-butene
Concen: 46.707 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4212
Ion Ratio Lower Upper
75 100
53 91.9 78.5 117.7
89 47.9 37.7 56.5

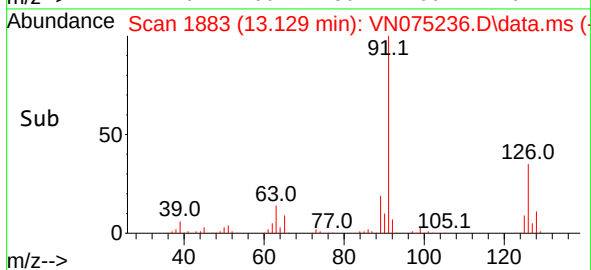
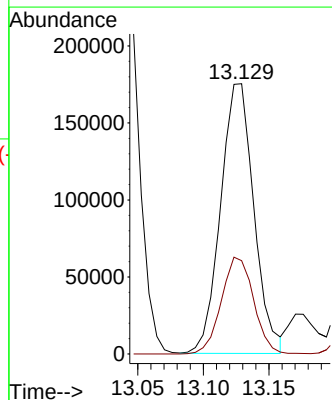
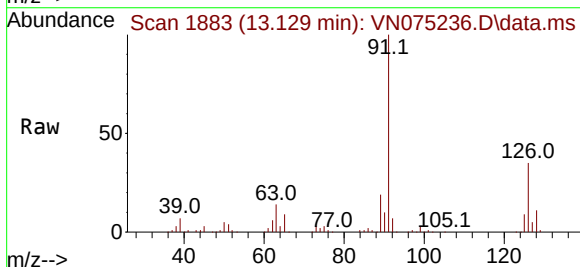
Manual Integrations
APPROVED

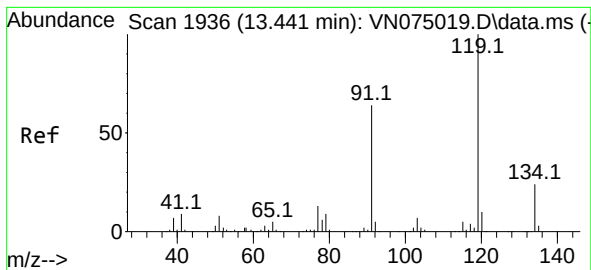
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#82
4-Chlorotoluene
Concen: 51.576 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

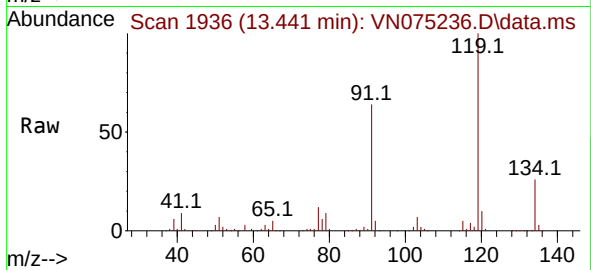
Tgt Ion: 91 Resp: 309727
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 53.284 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

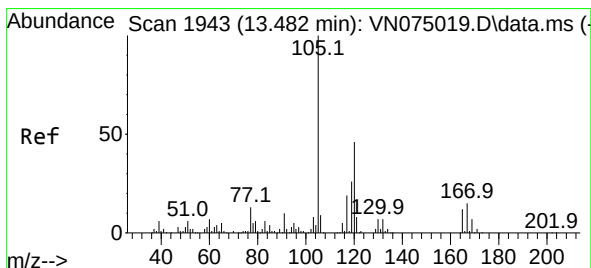
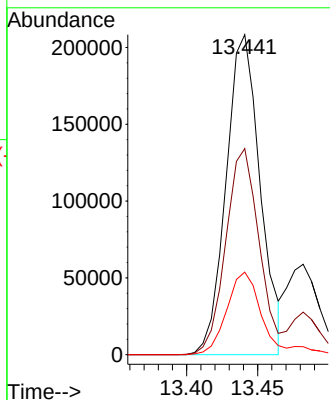
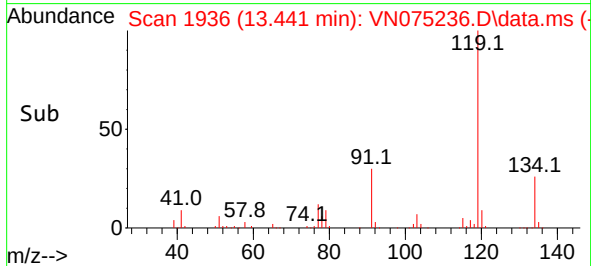
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



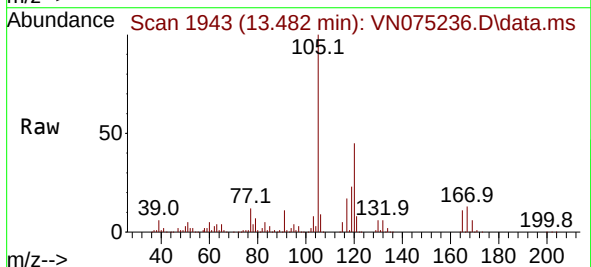
Tgt Ion:119 Resp: 34808
Ion Ratio Lower Upper
119 100
91 62.9 32.8 98.4
134 27.3 12.3 36.9

Manual Integrations
APPROVED

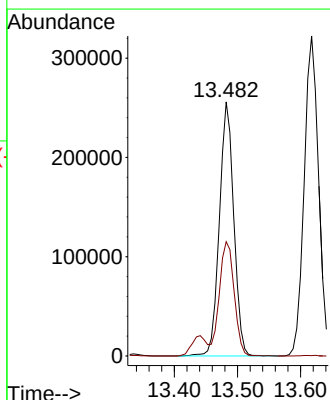
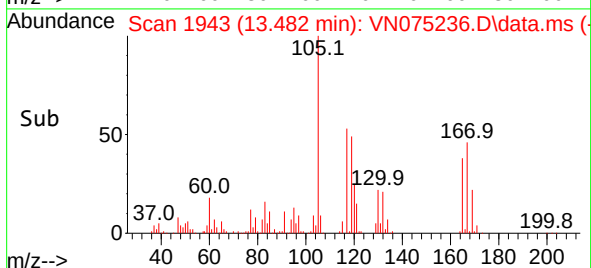
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

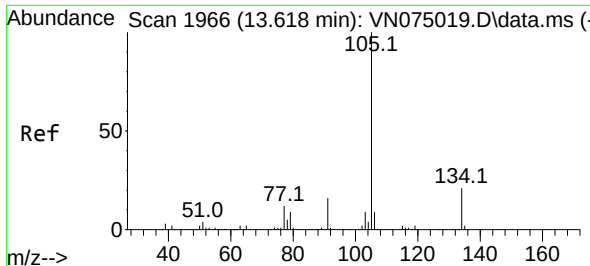


#84
1,2,4-Trimethylbenzene
Concen: 54.489 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion:105 Resp: 405317
Ion Ratio Lower Upper
105 100
120 46.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 55.839 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075236.D
 Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

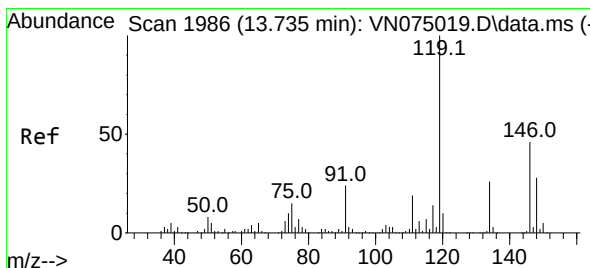
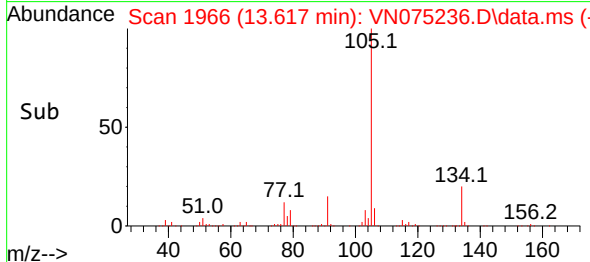
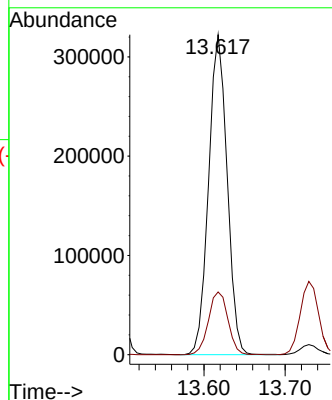
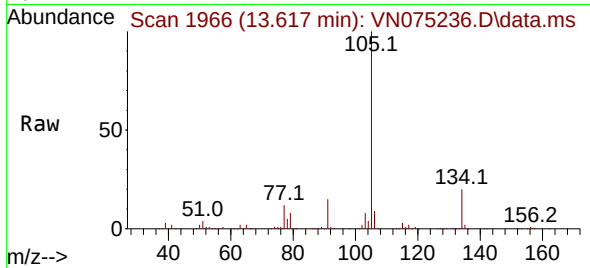
VSTDCCC050EC

Tgt Ion:105 Resp: 510284
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Manual Integrations

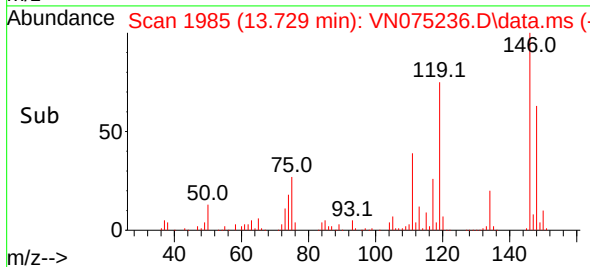
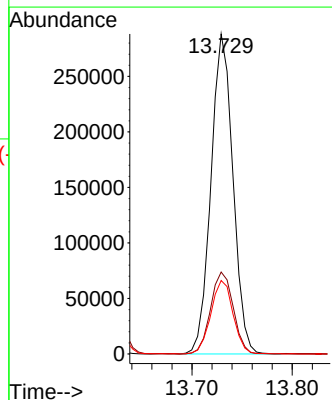
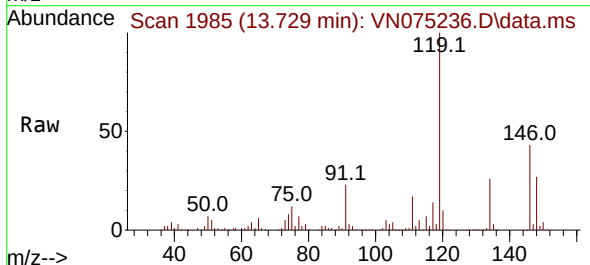
APPROVED

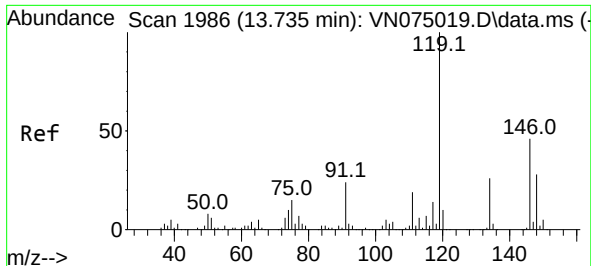
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#86
 p-Isopropyltoluene
 Concen: 58.214 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075236.D
 Acq: 10 Nov 2022 16:56

Tgt Ion:119 Resp: 439357
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 23.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 58.472 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 220648

Ion Ratio Lower Upper

146 100

111 38.9 20.8 62.5

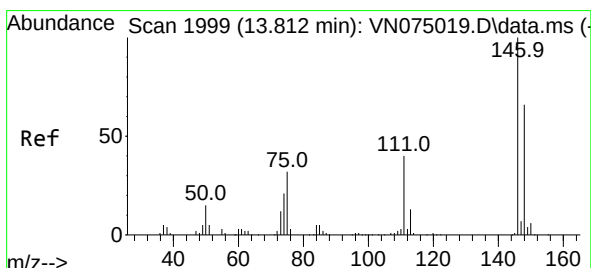
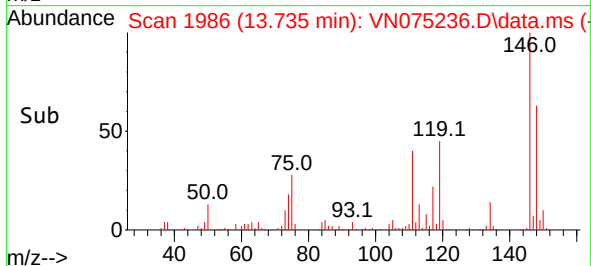
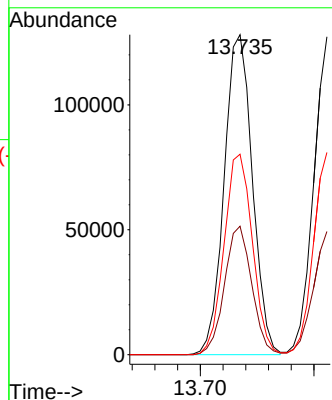
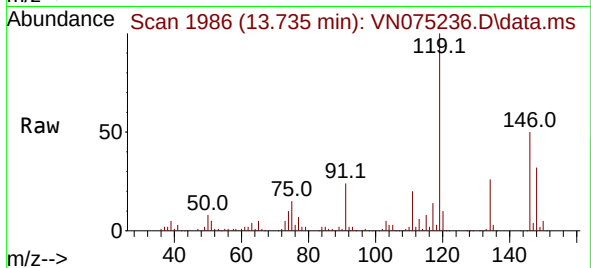
148 63.1 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#88

1,4-Dichlorobenzene

Concen: 57.654 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.001 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

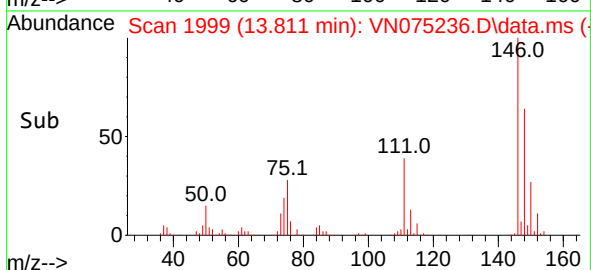
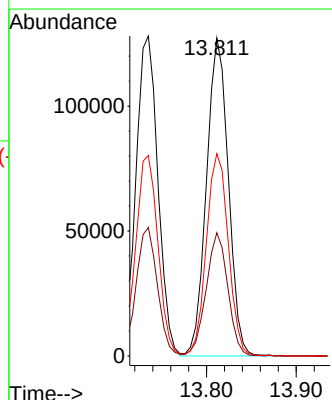
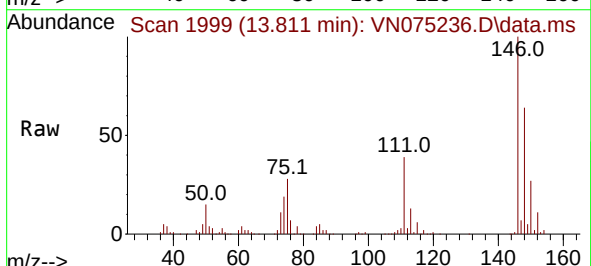
Tgt Ion:146 Resp: 215317

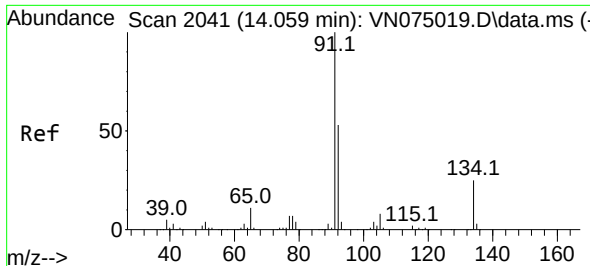
Ion Ratio Lower Upper

146 100

111 38.1 20.1 60.3

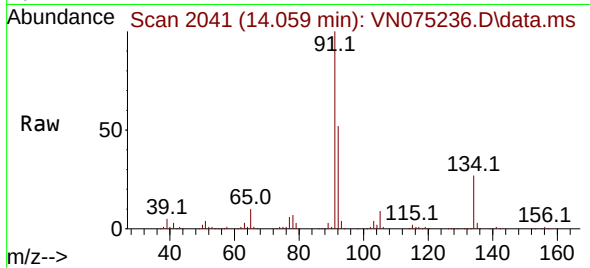
148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 60.179 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

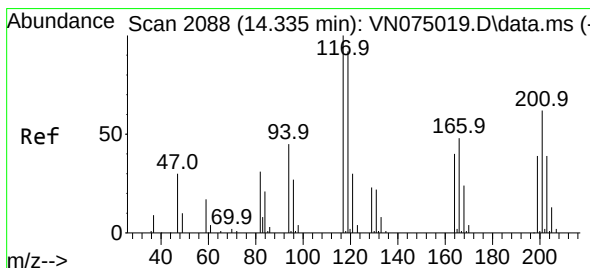
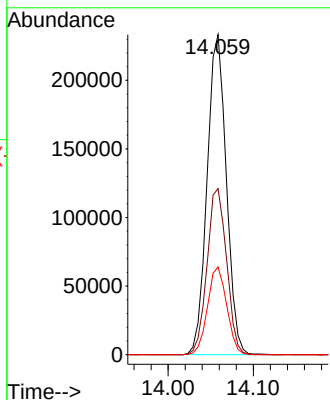
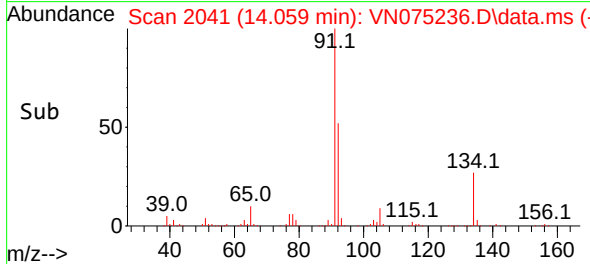
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 36574
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 27.4 13.0 39.0

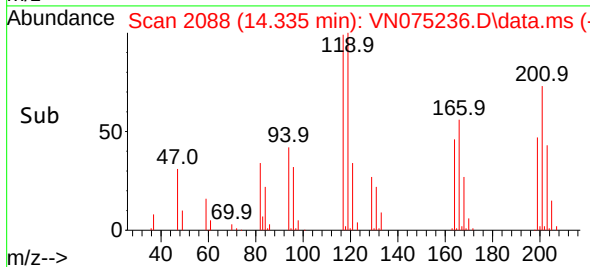
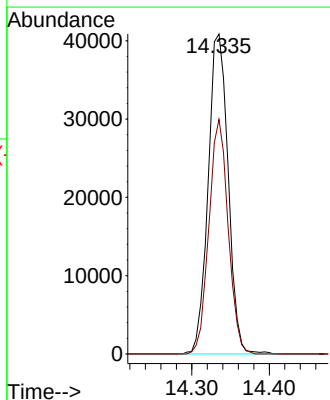
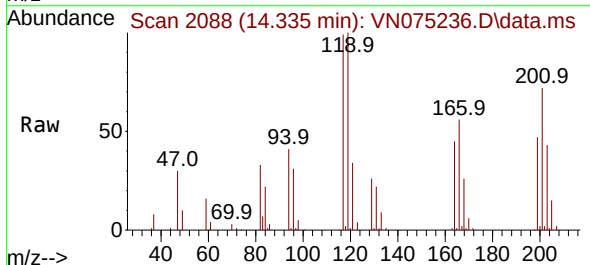
Manual Integrations
APPROVED

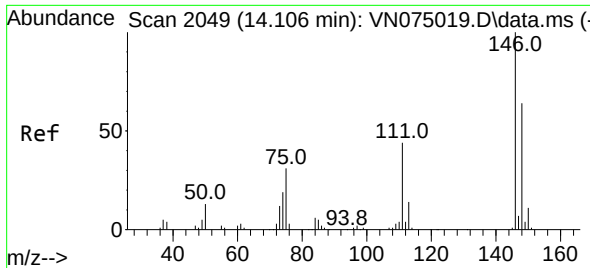
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#90
Hexachloroethane
Concen: 52.908 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

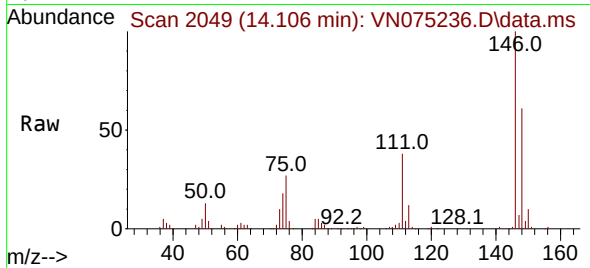
Tgt Ion:117 Resp: 73213
Ion Ratio Lower Upper
117 100
201 70.4 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 57.635 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

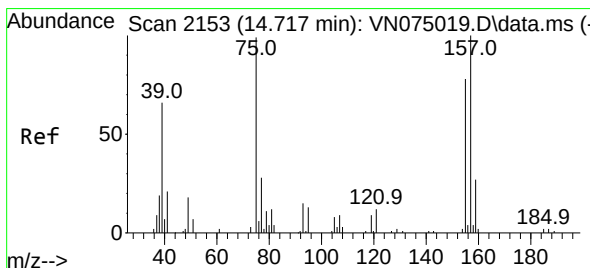
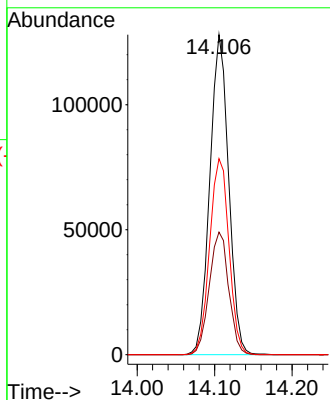
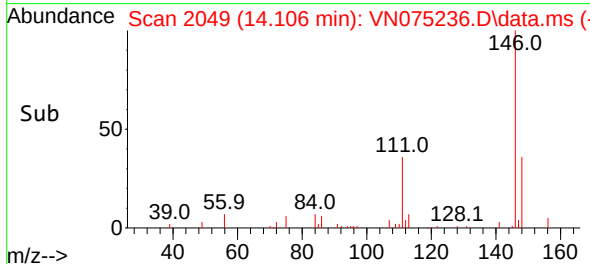
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



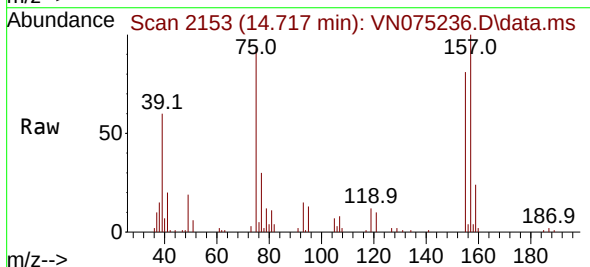
Tgt Ion:146 Resp: 216219
Ion Ratio Lower Upper
146 100
111 39.7 21.3 63.9
148 63.0 31.4 94.2

Manual Integrations
APPROVED

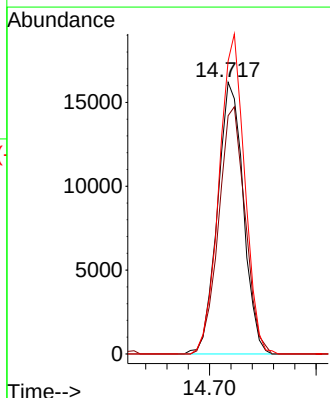
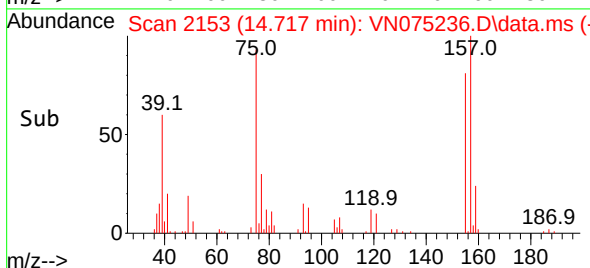
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

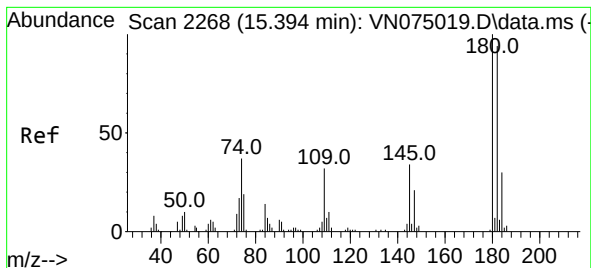


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.105 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion: 75 Resp: 27221
Ion Ratio Lower Upper
75 100
155 93.3 42.1 126.3
157 116.3 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 67.007 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 108172

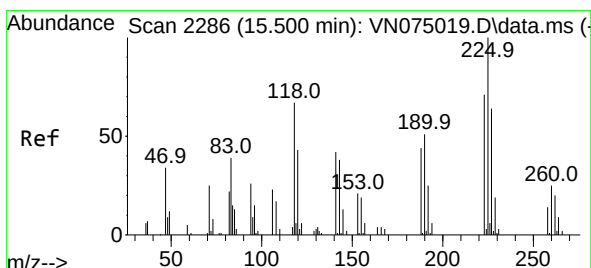
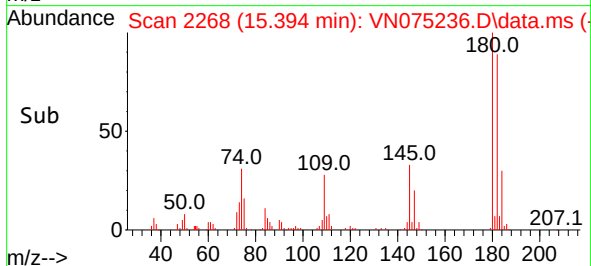
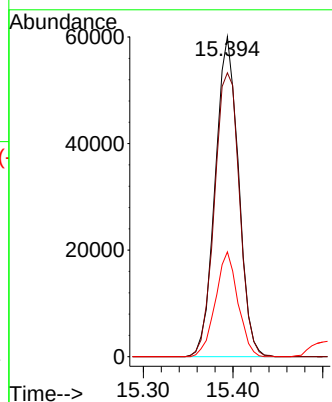
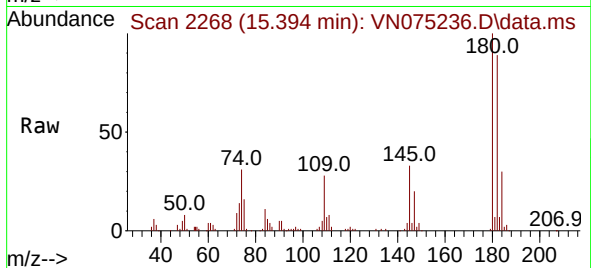
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	31.6	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#94

Hexachlorobutadiene

Concen: 62.749 ug/l

RT: 15.500 min Scan# 2286

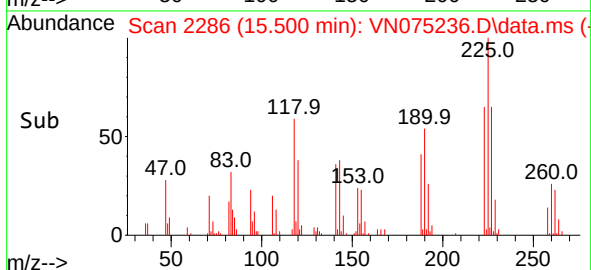
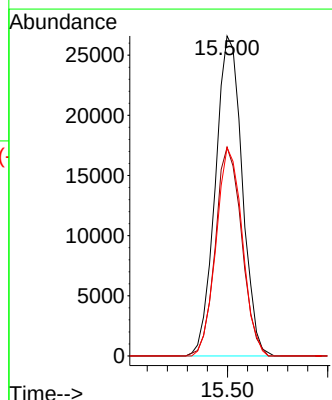
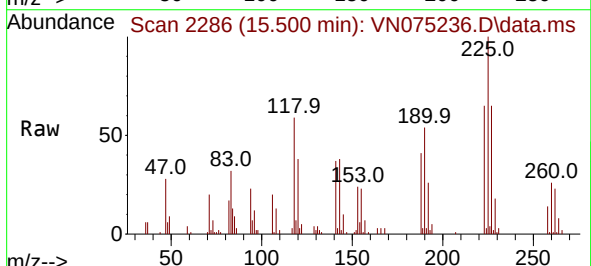
Delta R.T. -0.000 min

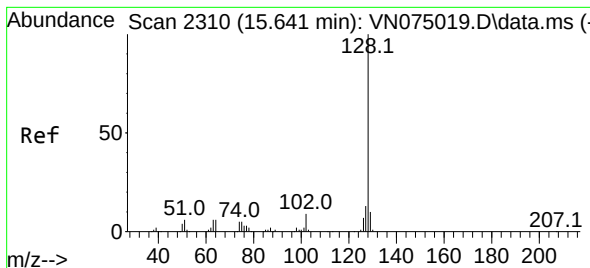
Lab File: VN075236.D

Acq: 10 Nov 2022 16:56

Tgt Ion:225 Resp: 49383

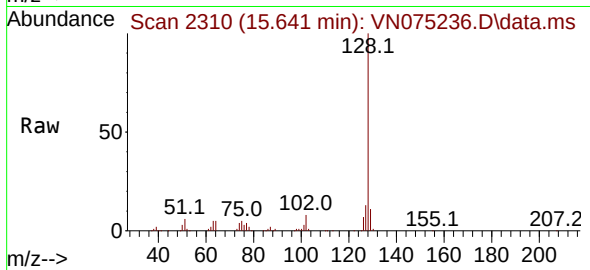
Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.3	96.9
227	63.6	32.0	96.2





#95
Naphthalene
Concen: 59.915 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56

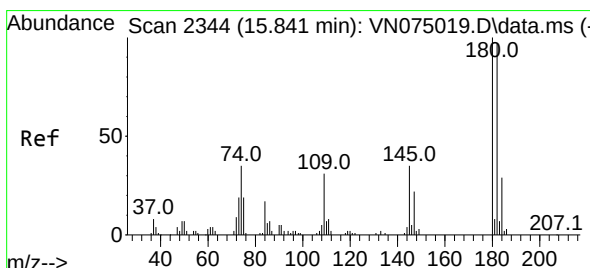
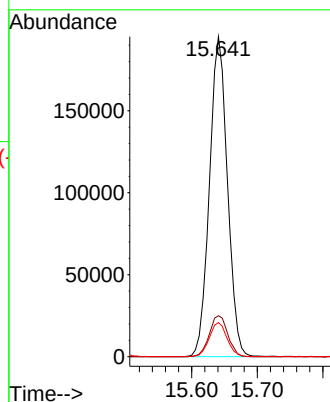
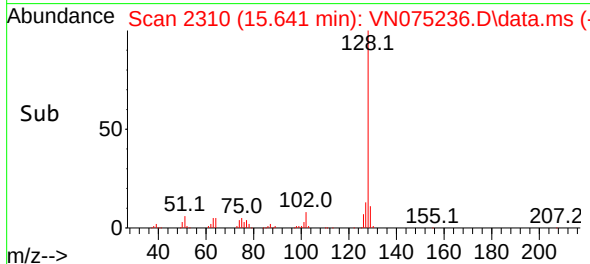
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



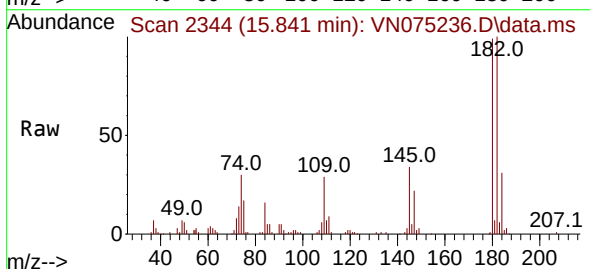
Tgt Ion:128 Resp: 37195
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.6 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 64.751 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075236.D
Acq: 10 Nov 2022 16:56



Tgt Ion:180 Resp: 103862
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.8
145 33.3 17.6 52.9

