

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075438.D
 Acq On : 28 Nov 2022 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 05:29:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	149331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	248149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41060	51.223	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	8.171	113	49994	51.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.570	98	113857	51.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.847	95	87949	54.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	52842	46.277	ug/l	97
3) Chloromethane	2.371	50	63507	44.697	ug/l	100
4) Vinyl Chloride	2.524	62	86217	48.148	ug/l	97
5) Bromomethane	2.918	94	88985	56.511	ug/l	100
6) Chloroethane	3.106	64	64892	47.826	ug/l	95
7) Trichlorofluoromethane	3.494	101	124326	48.600	ug/l	98
8) Diethyl Ether	3.965	74	46899	52.308	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	72960	51.663	ug/l	93
10) Methyl Iodide	4.600	142	112178	49.021	ug/l	96
11) Tert butyl alcohol	5.535	59	72738	216.162	ug/l	100
12) 1,1-Dichloroethene	4.347	96	67533	48.835	ug/l	91
13) Acrolein	4.189	56	75843	258.722	ug/l	99
14) Allyl chloride	5.030	41	90966	50.854	ug/l	95
15) Acrylonitrile	5.730	53	188931	244.724	ug/l	100
16) Acetone	4.441	43	174847	233.851	ug/l	95
17) Carbon Disulfide	4.718	76	161756	45.009	ug/l	100
18) Methyl Acetate	5.036	43	96748	51.363	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	244462	49.902	ug/l	100
20) Methylene Chloride	5.283	84	79688	52.626	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	75198	47.715	ug/l	95
22) Diisopropyl ether	6.677	45	203736	49.911	ug/l	98
23) Vinyl Acetate	6.612	43	736168	226.689	ug/l	98
24) 1,1-Dichloroethane	6.571	63	131195	50.072	ug/l	96
25) 2-Butanone	7.488	43	253816	243.151	ug/l	95
26) 2,2-Dichloropropane	7.500	77	119490	49.070	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	92356	51.825	ug/l	92
28) Bromochloromethane	7.818	49	52444	49.310	ug/l	84
29) Tetrahydrofuran	7.841	42	159503	251.207	ug/l	98
30) Chloroform	7.971	83	151125	50.226	ug/l	99
31) Cyclohexane	8.265	56	117809	46.258	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	134558	49.253	ug/l	98
36) 1,1-Dichloropropene	8.377	75	106282	49.995	ug/l	96
37) Ethyl Acetate	7.565	43	93885	49.048	ug/l	97
38) Carbon Tetrachloride	8.365	117	123535	52.900	ug/l	95
39) Methylcyclohexane	9.600	83	139446	52.412	ug/l	98
40) Benzene	8.612	78	326530	50.168	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51952	53.087	ug/l	98
42) 1,2-Dichloroethane	8.676	62	108792	49.908	ug/l	96
43) Isopropyl Acetate	8.694	43	157198	51.163	ug/l	97
44) Trichloroethene	9.353	130	89615	50.319	ug/l	96
45) 1,2-Dichloropropane	9.623	63	78243	50.445	ug/l	98
46) Dibromomethane	9.712	93	60295	51.394	ug/l	92
47) Bromodichloromethane	9.888	83	116985	51.492	ug/l	99
48) Methyl methacrylate	9.682	41	72690	51.165	ug/l	95
49) 1,4-Dioxane	9.694	88	39693	983.928	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	505811	258.473	ug/l	96
52) Toluene	10.629	92	220934	52.675	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	122933	53.898	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	134653	54.357	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	87919	51.466	ug/l	97
56) Ethyl methacrylate	10.876	69	125007	54.186	ug/l	97
57) 1,3-Dichloropropane	11.165	76	141411	50.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	234963	282.396	ug/l	96
59) 2-Hexanone	11.200	43	378070	257.285	ug/l	97
60) Dibromochloromethane	11.359	129	99484	56.736	ug/l	99
61) 1,2-Dibromoethane	11.470	107	92977	52.438	ug/l	100
64) Tetrachloroethene	11.106	164	85503	49.347	ug/l	93
65) Chlorobenzene	11.894	112	239235	51.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.964	131	91458	52.297	ug/l	99
67) Ethyl Benzene	11.964	91	425778	53.261	ug/l	99
68) m/p-Xylenes	12.070	106	348534	107.362	ug/l	99
69) o-Xylene	12.400	106	167779	52.017	ug/l	98
70) Styrene	12.412	104	278334	54.702	ug/l	99
71) Bromoform	12.582	173	76438	57.429	ug/l #	99
73) Isopropylbenzene	12.700	105	446361	50.957	ug/l	98
74) N-amyl acetate	12.494	43	136845	50.815	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	131184	49.121	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	113070m	49.878	ug/l	
77) Bromobenzene	12.982	156	107325	49.629	ug/l	86
78) n-propylbenzene	13.035	91	506675	51.829	ug/l	99
79) 2-Chlorotoluene	13.129	91	297925	50.580	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	385719	53.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	40892	53.372	ug/l	99
82) 4-Chlorotoluene	13.129	91	297925	50.580	ug/l	97
83) tert-Butylbenzene	13.441	119	337456	50.857	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	384687	52.698	ug/l	99
85) sec-Butylbenzene	13.617	105	482657	53.609	ug/l	99
86) p-Isopropyltoluene	13.729	119	415614	54.866	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	208976	51.002	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	209777	50.401	ug/l	98
89) n-Butylbenzene	14.058	91	338547	52.916	ug/l	98
90) Hexachloroethane	14.335	117	70966	54.306	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	206436	51.687	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25928	51.252	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	112069	54.754	ug/l	99
94) Hexachlorobutadiene	15.505	225	59564	55.870	ug/l	98
95) Naphthalene	15.641	128	340602	52.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108087	53.731	ug/l	98

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

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Manual Integrations

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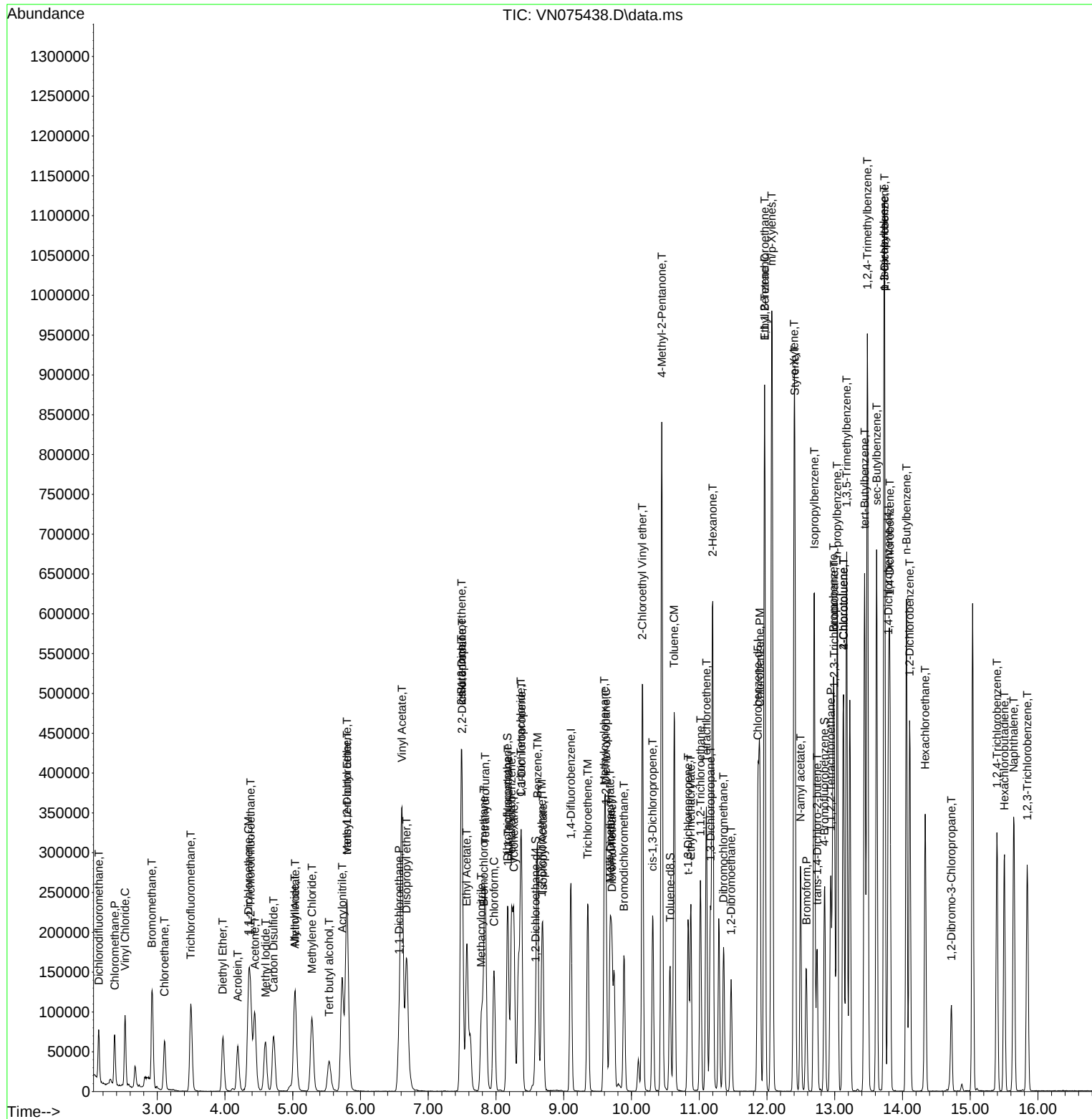
Quant Time: Nov 29 05:29:58 2022

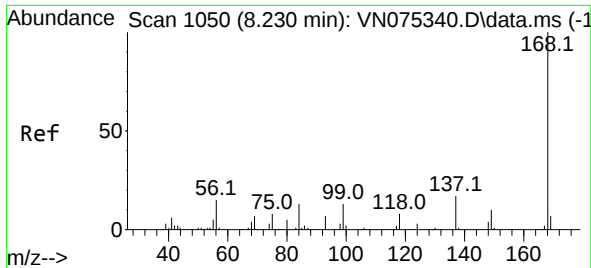
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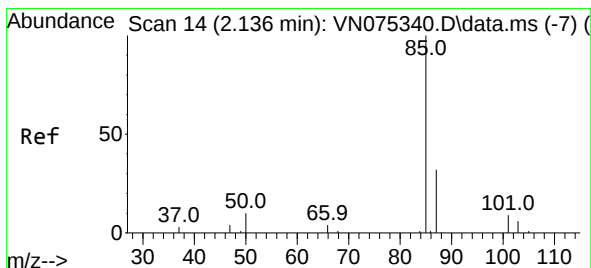
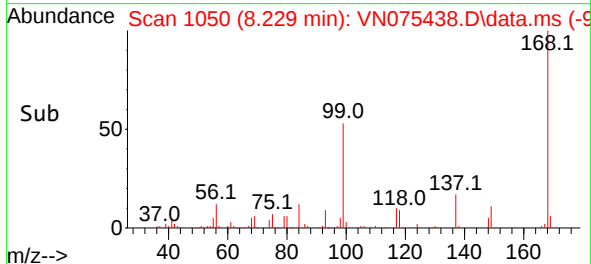
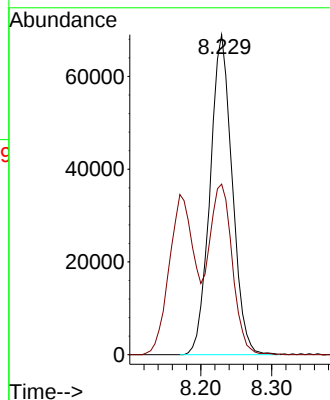
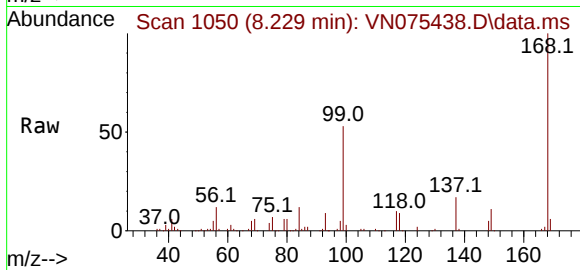
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075438.D
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Tgt Ion:168 Resp: 14933
Ion Ratio Lower Upper
168 100
99 53.0 51.6 77.4

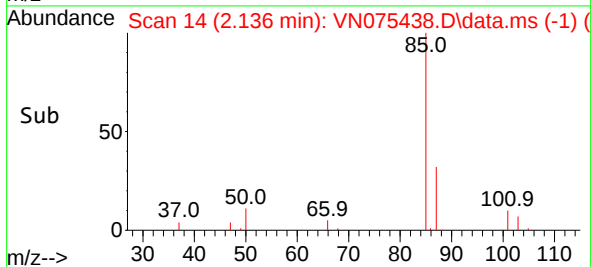
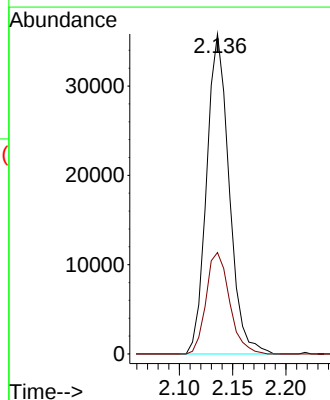
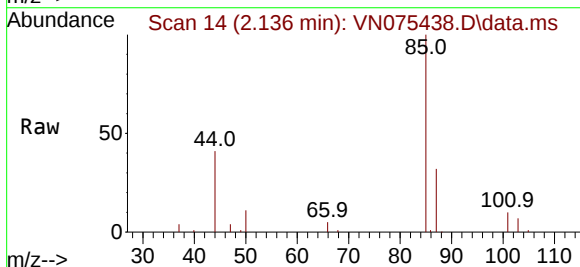
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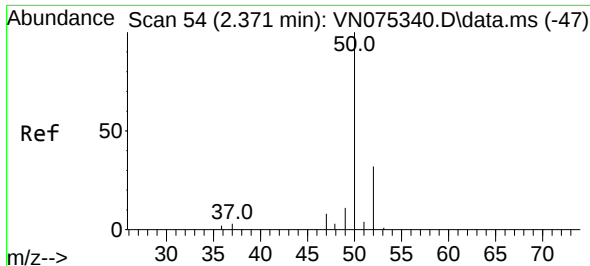
Reviewed By :John Carlone 11/29/2022
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#2
Dichlorodifluoromethane
Concen: 46.277 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion: 85 Resp: 52842
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0





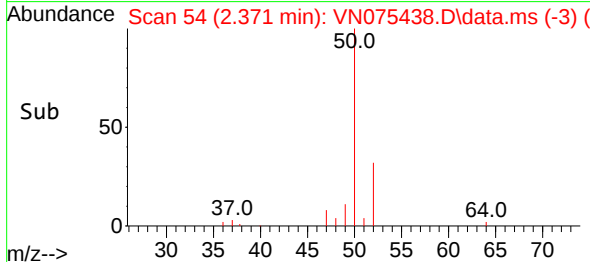
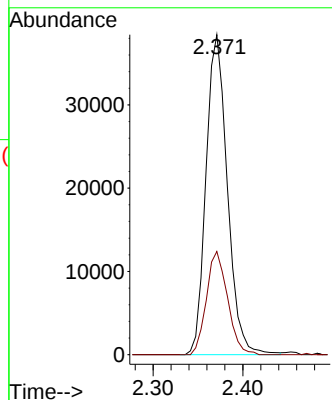
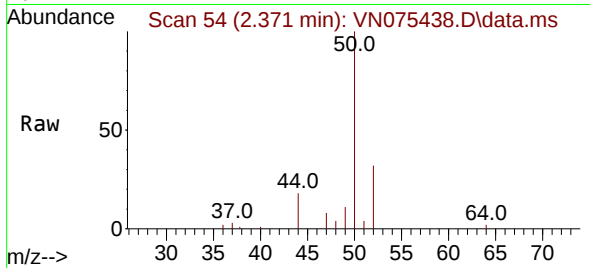
#3
Chloromethane
Concen: 44.697 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6350
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6

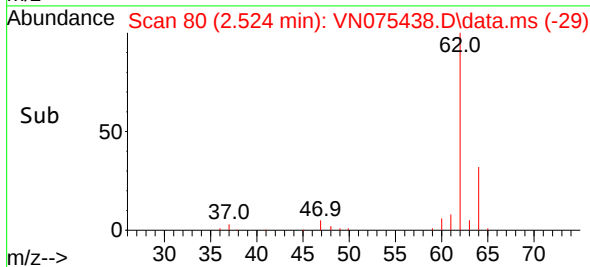
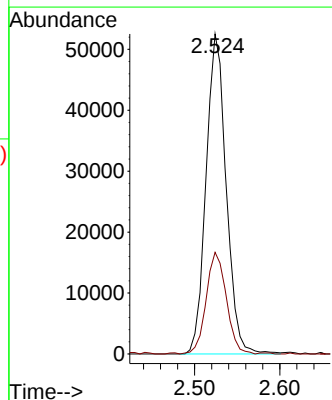
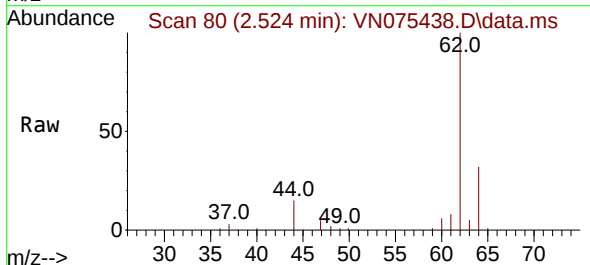
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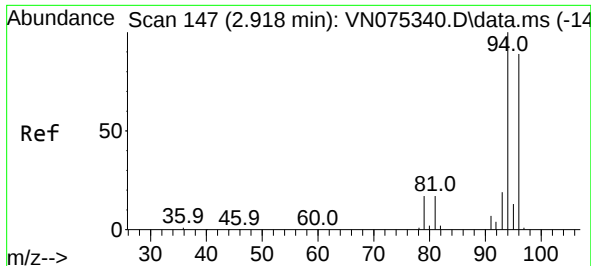
Reviewed By :John Carlone 11/29/2022
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#4
Vinyl Chloride
Concen: 48.148 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

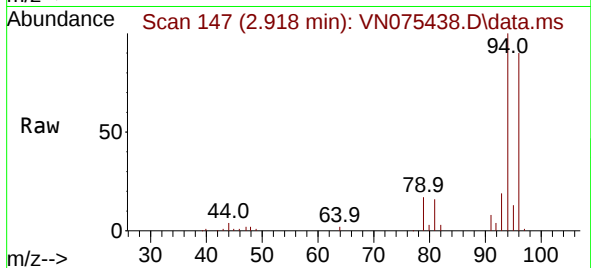
Tgt Ion: 62 Resp: 86217
Ion Ratio Lower Upper
62 100
64 31.7 24.0 36.0





#5
Bromomethane
Concen: 56.511 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

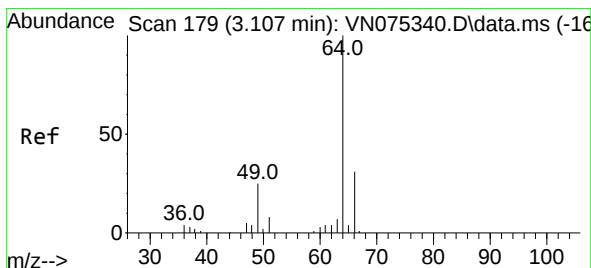
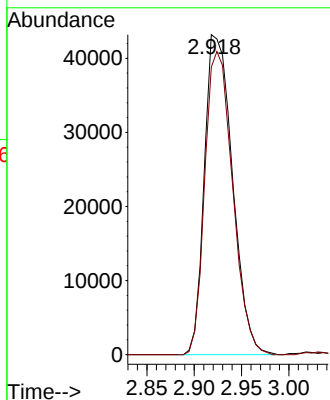
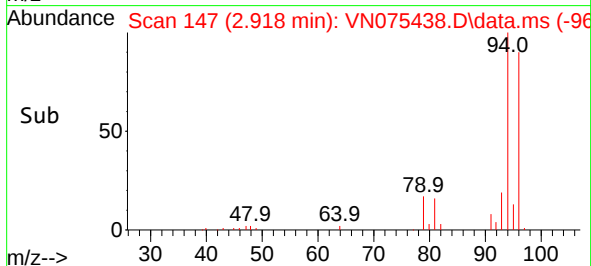
Instrument :
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Tgt Ion: 94 Resp: 8898
Ion Ratio Lower Upper
94 100
96 89.8 71.8 107.6

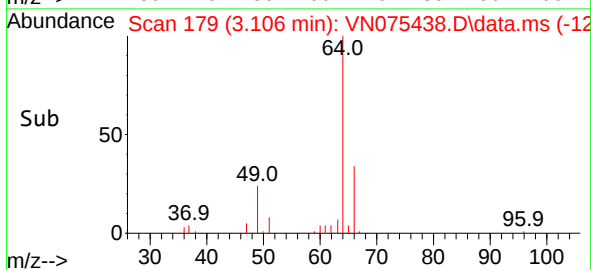
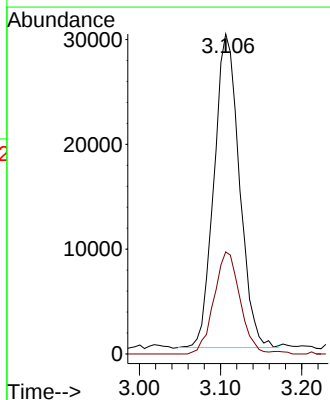
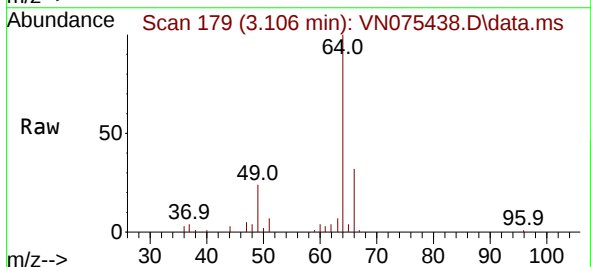
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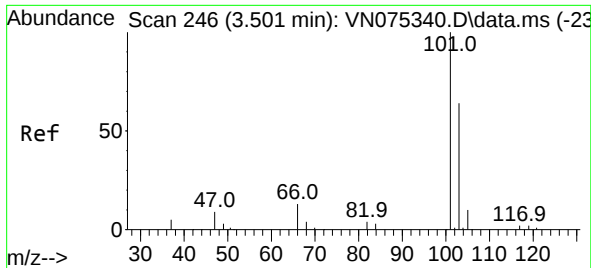
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#6
Chloroethane
Concen: 47.826 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

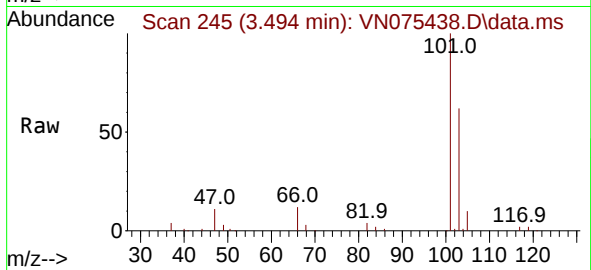
Tgt Ion: 64 Resp: 64892
Ion Ratio Lower Upper
64 100
66 32.6 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 48.600 ug/l
 RT: 3.494 min Scan# 246
 Delta R.T. -0.007 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

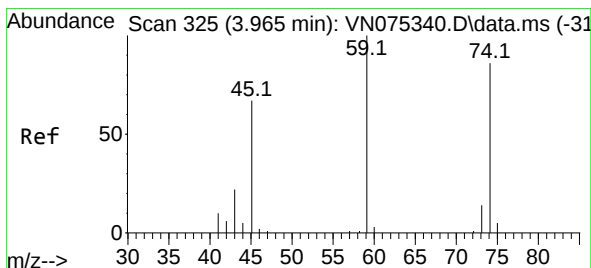
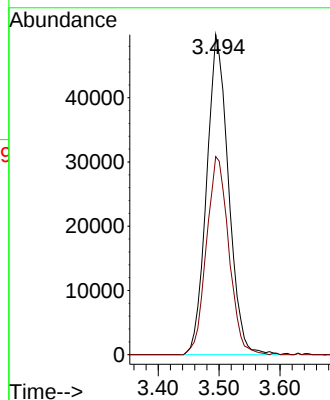
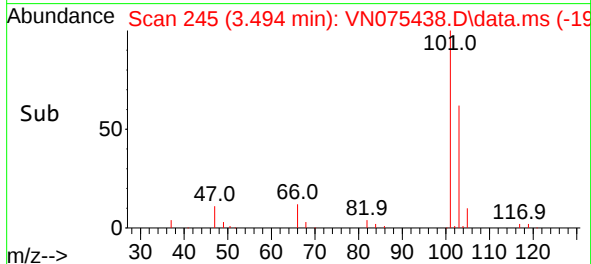
Instrument :
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Tgt Ion:101 Resp: 124320
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.5 75.7

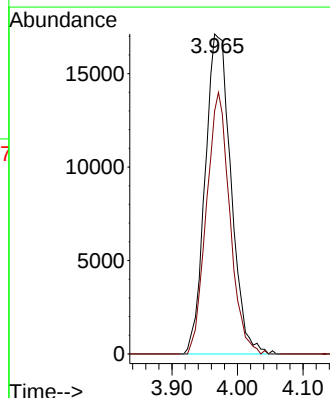
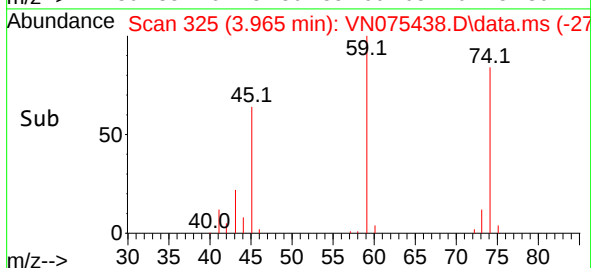
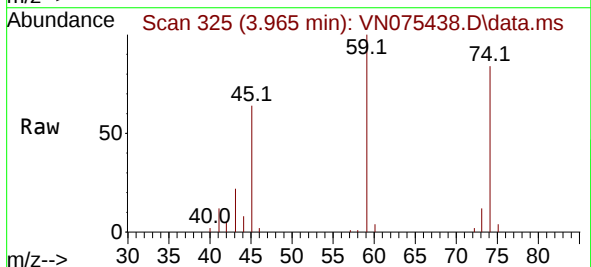
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#8
 Diethyl Ether
 Concen: 52.308 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. 0.000 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

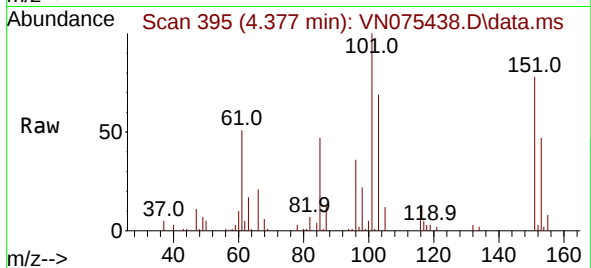
Tgt Ion: 74 Resp: 46899
 Ion Ratio Lower Upper
 74 100
 45 74.0 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.663 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

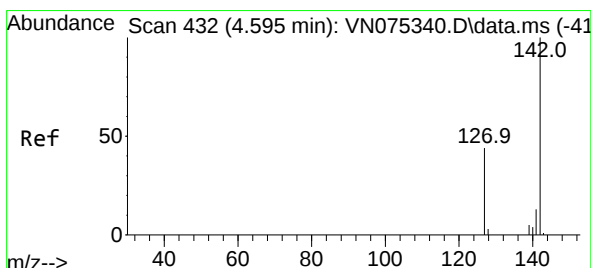
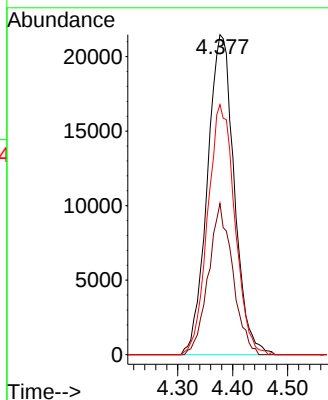
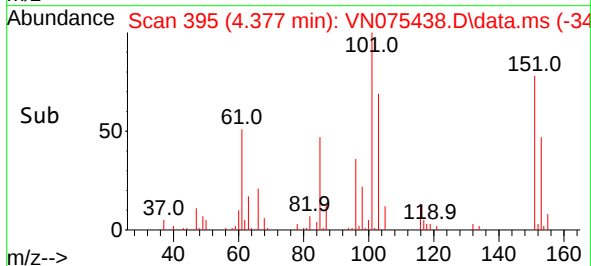
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



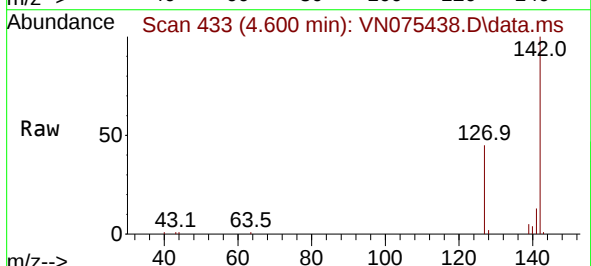
Tgt Ion:101 Resp: 72960
Ion Ratio Lower Upper
101 100
85 42.7 37.6 56.4
151 78.7 58.3 87.5

Manual Integrations
APPROVED

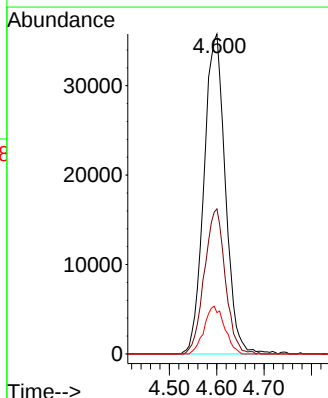
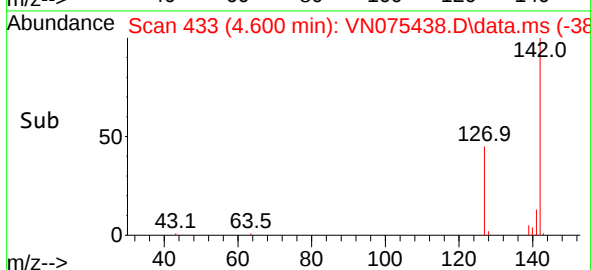
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#10
Methyl Iodide
Concen: 49.021 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



Tgt Ion:142 Resp: 112178
Ion Ratio Lower Upper
142 100
127 44.5 38.0 57.0
141 14.2 12.2 18.4





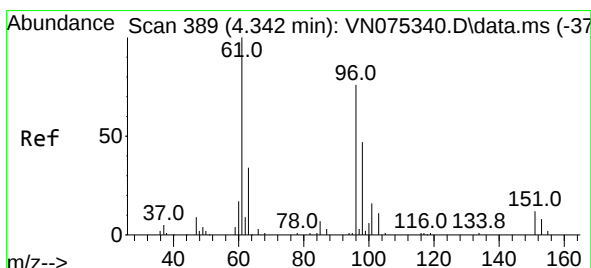
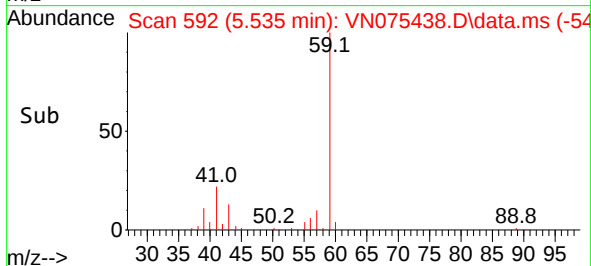
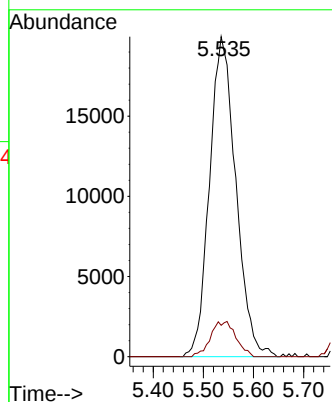
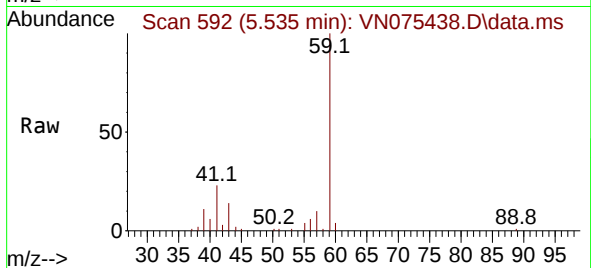
#11
Tert butyl alcohol
Concen: 216.162 ug/l
RT: 5.535 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 72738
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

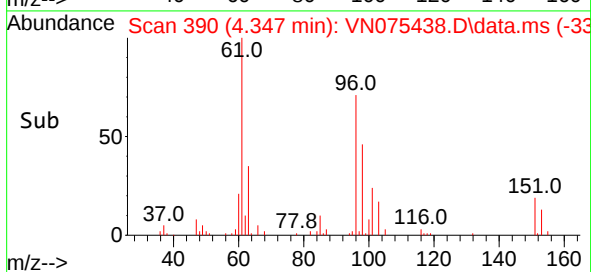
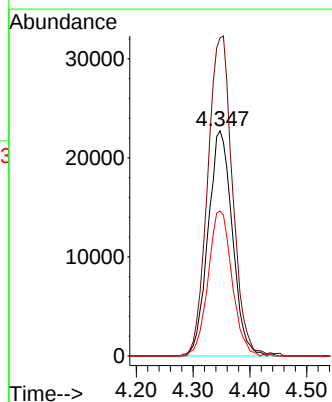
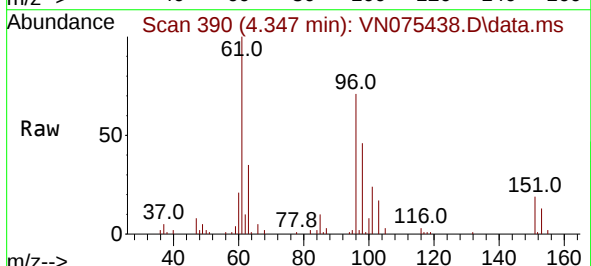
Manual Integrations
APPROVED

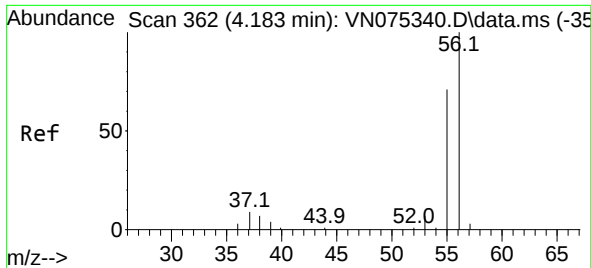
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#12
1,1-Dichloroethene
Concen: 48.835 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.005 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion: 96 Resp: 67533
Ion Ratio Lower Upper
96 100
61 141.3 126.2 189.4
98 64.4 51.5 77.3





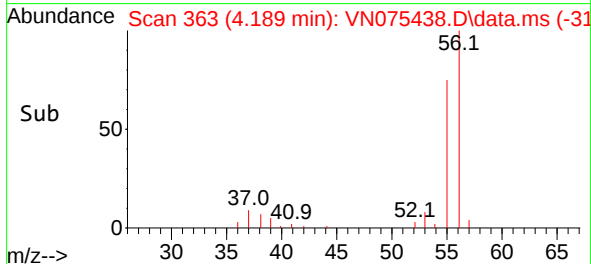
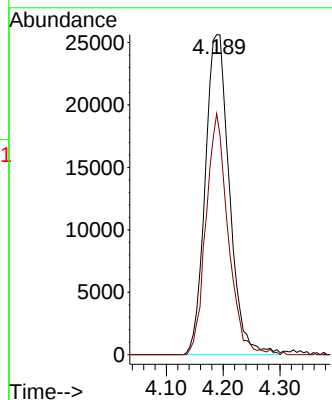
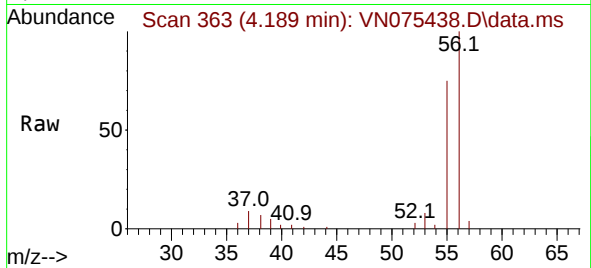
#13
Acrolein
Concen: 258.722 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 7584
Ion Ratio Lower Upper
56 100
55 68.6 55.2 82.8

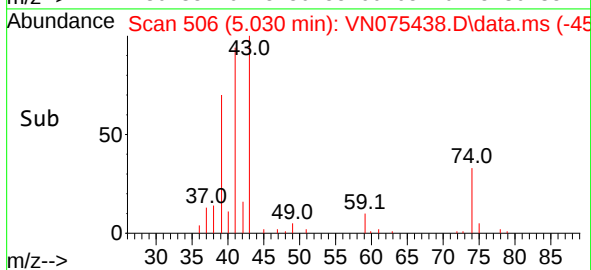
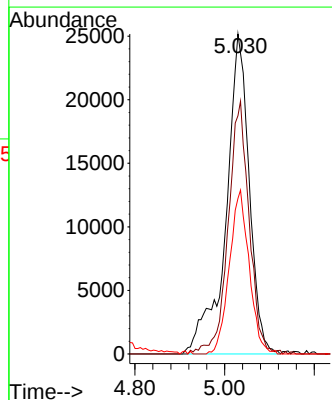
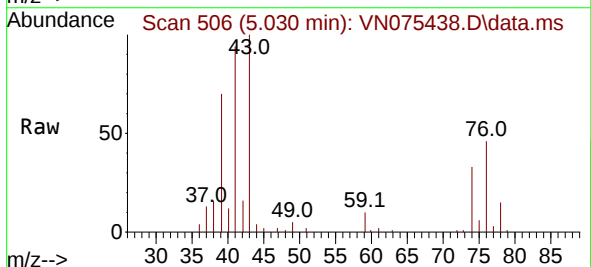
Manual Integrations
APPROVED

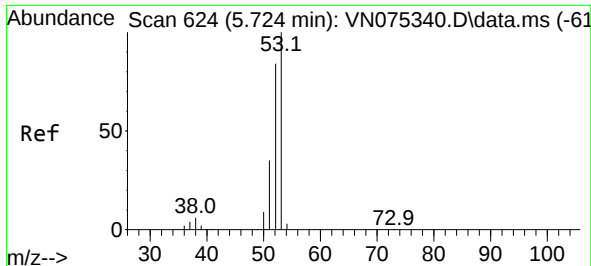
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#14
Allyl chloride
Concen: 50.854 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

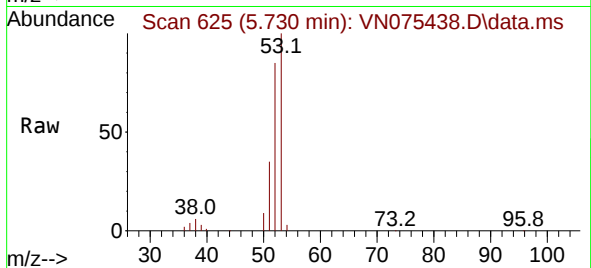
Tgt Ion: 41 Resp: 90966
Ion Ratio Lower Upper
41 100
39 71.0 61.0 91.4
76 43.6 33.4 50.0





#15
Acrylonitrile
Concen: 244.724 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

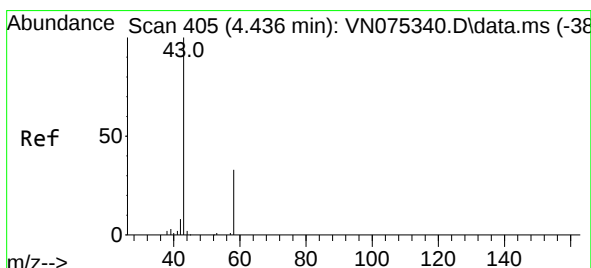
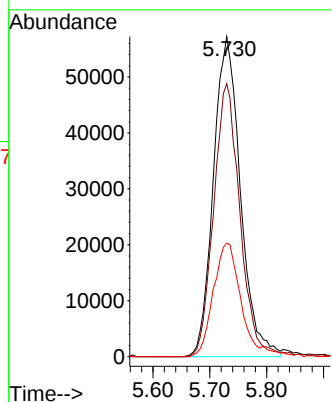
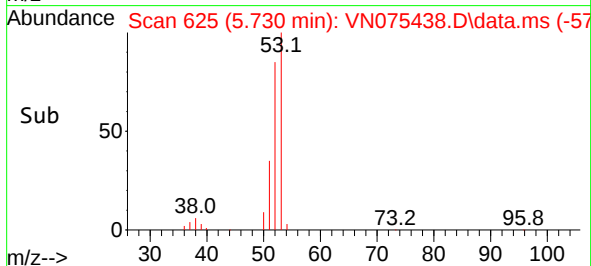
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18893
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 36.7 29.6 44.4

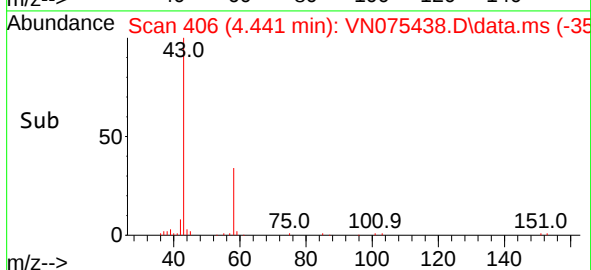
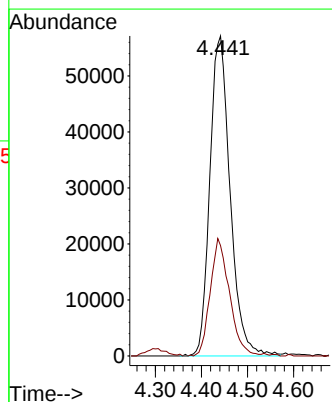
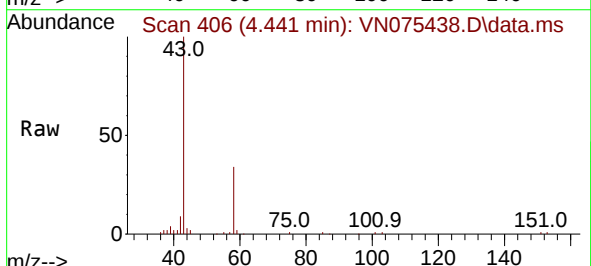
Manual Integrations
APPROVED

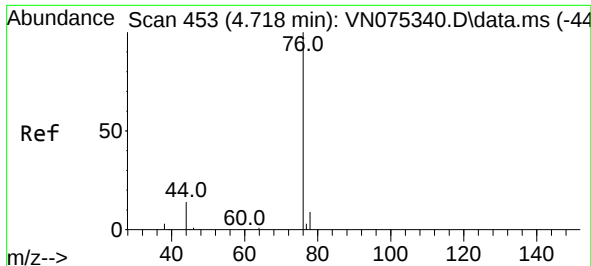
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#16
Acetone
Concen: 233.851 ug/l
RT: 4.441 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

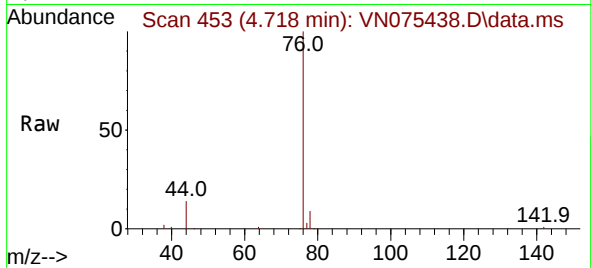
Tgt Ion: 43 Resp: 174847
Ion Ratio Lower Upper
43 100
58 34.5 25.5 38.3





#17
Carbon Disulfide
Concen: 45.009 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

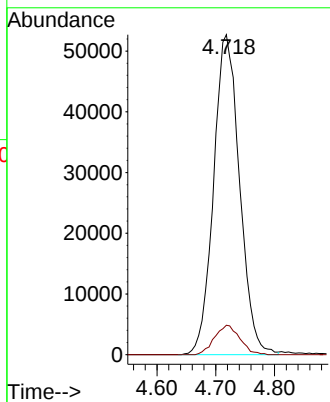
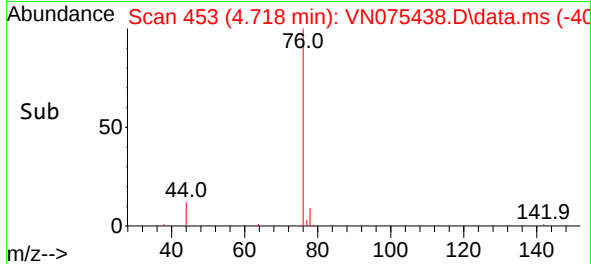
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



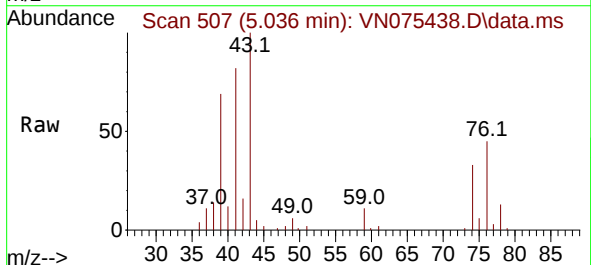
Tgt Ion: 76 Resp: 161750
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

Manual Integrations
APPROVED

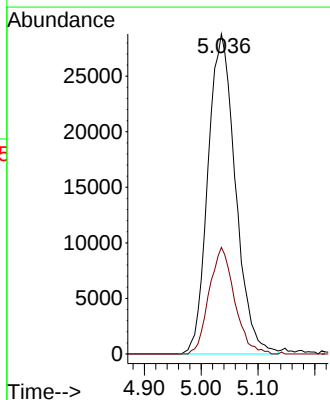
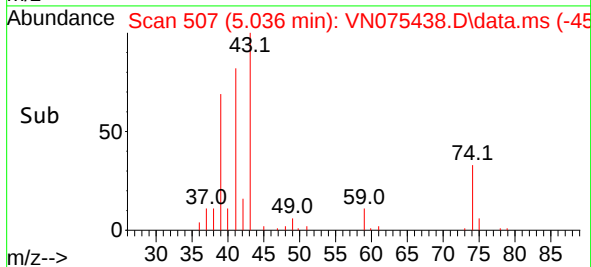
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

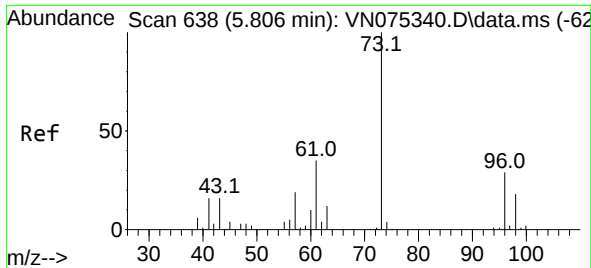


#18
Methyl Acetate
Concen: 51.363 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



Tgt Ion: 43 Resp: 96748
Ion Ratio Lower Upper
43 100
74 30.8 22.0 33.0





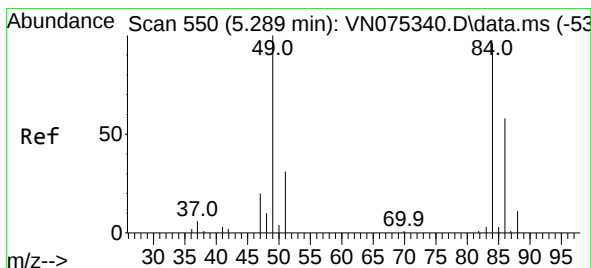
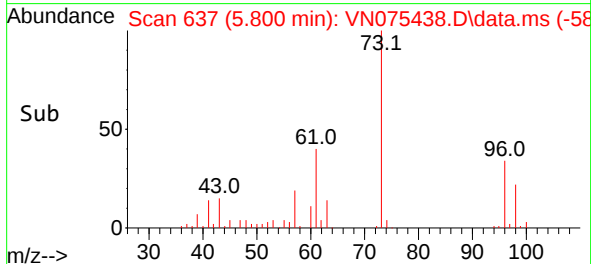
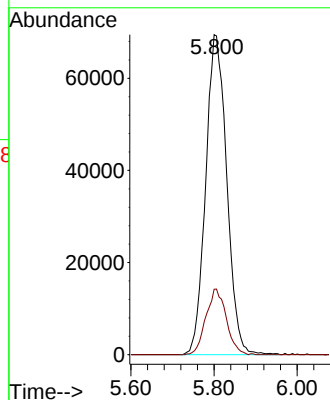
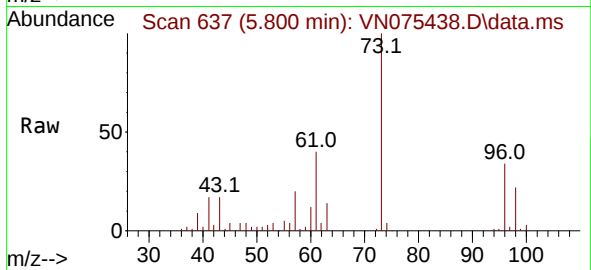
#19
Methyl tert-butyl Ether
Concen: 49.902 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 244462
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5

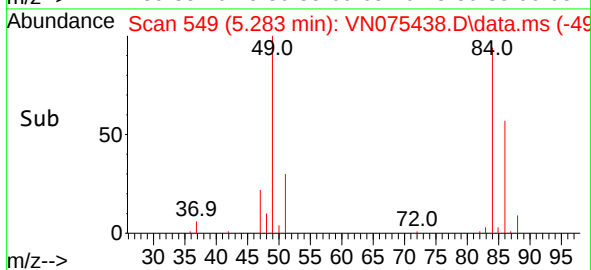
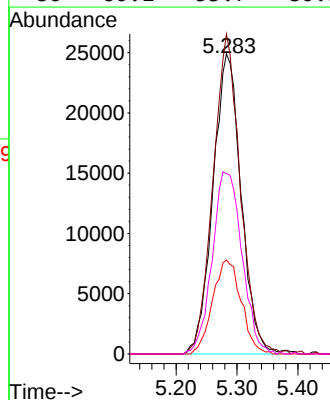
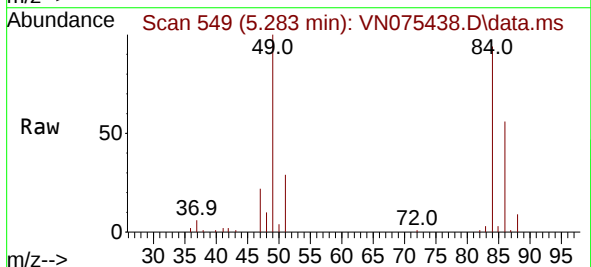
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#20
Methylene Chloride
Concen: 52.626 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion: 84 Resp: 79688
Ion Ratio Lower Upper
84 100
49 106.7 94.9 142.3
51 31.3 26.8 40.2
86 60.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 47.715 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

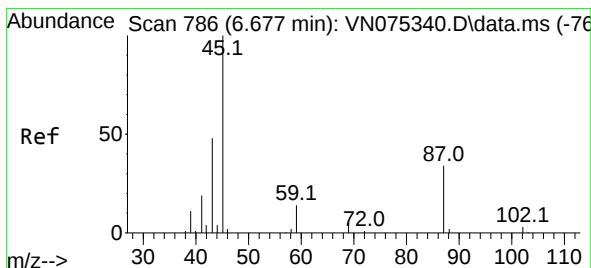
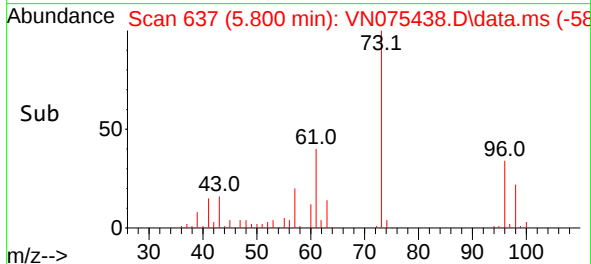
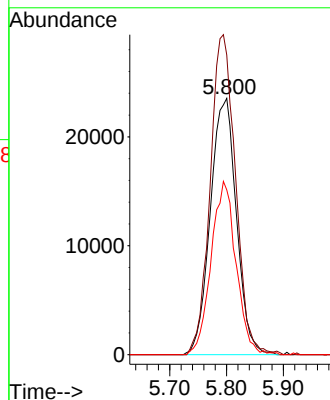
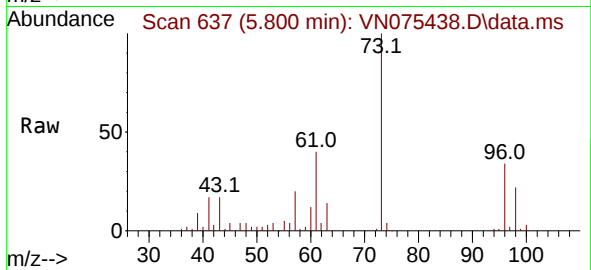
VSTDCCC050

Tgt Ion: 96 Resp: 75198
Ion Ratio Lower Upper
96 100
61 116.9 99.9 149.9
98 64.3 51.5 77.3

Manual Integrations

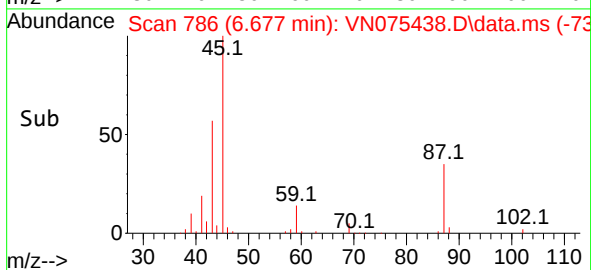
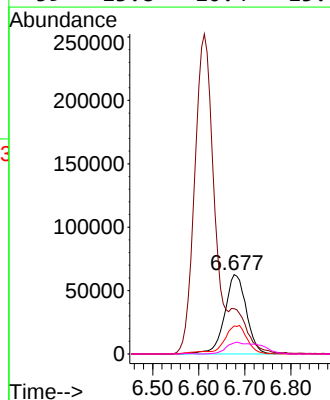
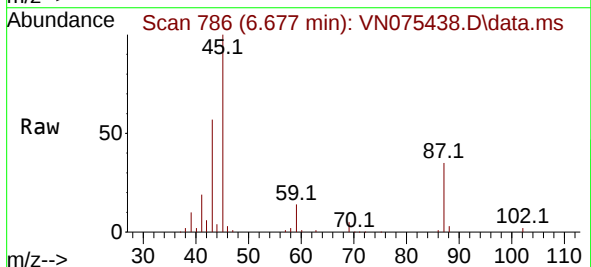
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#22
Diisopropyl ether
Concen: 49.911 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion: 45 Resp: 203736
Ion Ratio Lower Upper
45 100
43 55.4 42.8 64.2
87 35.3 28.4 42.6
59 13.8 10.4 15.6





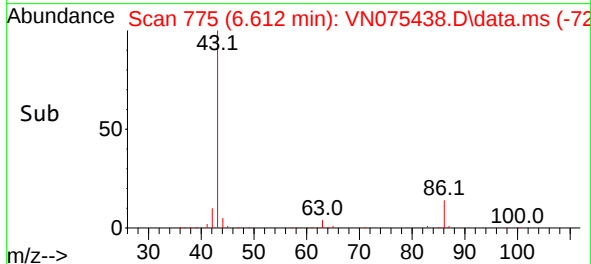
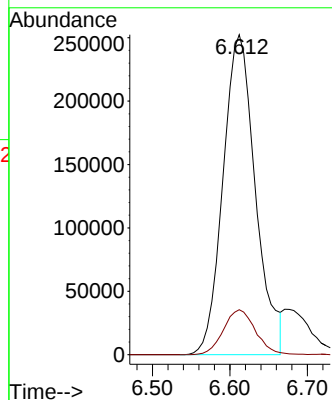
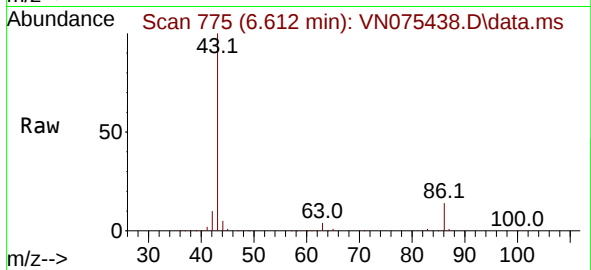
#23
 Vinyl Acetate
 Concen: 226.689 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 736168
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

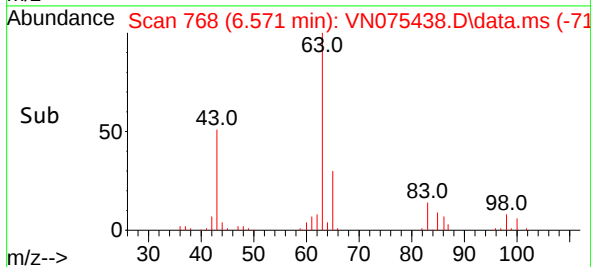
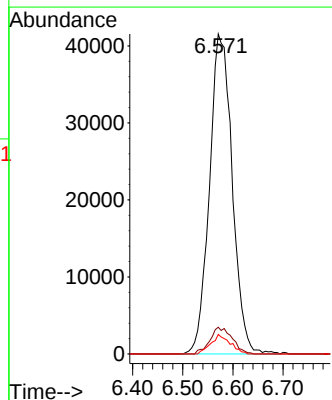
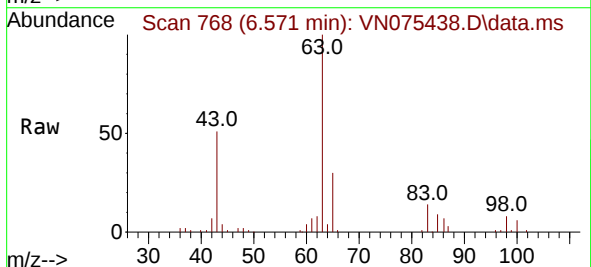
Manual Integrations
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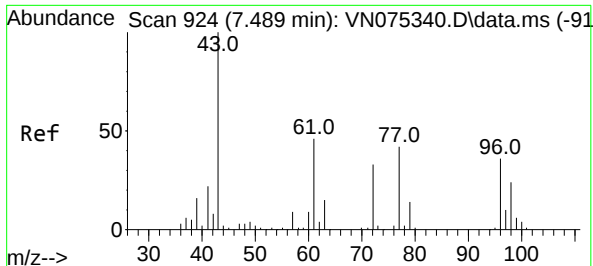
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#24
 1,1-Dichloroethane
 Concen: 50.072 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

Tgt Ion: 63 Resp: 131195
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 6.1 2.4 7.2





#25

2-Butanone

Concen: 243.151 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 253810

Ion Ratio Lower Upper

43 100

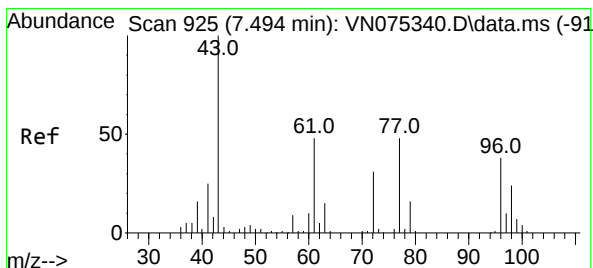
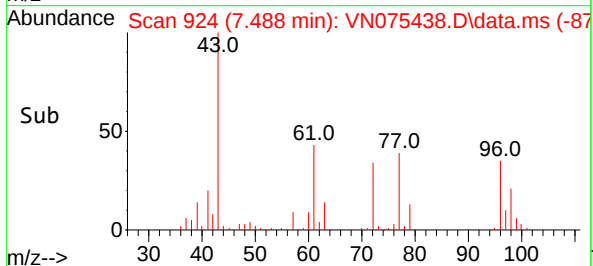
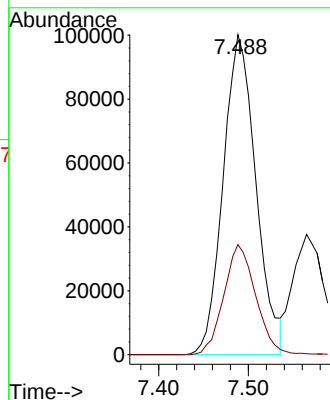
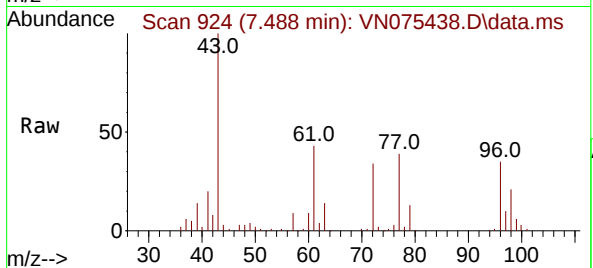
72 34.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#26

2,2-Dichloropropane

Concen: 49.070 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075438.D

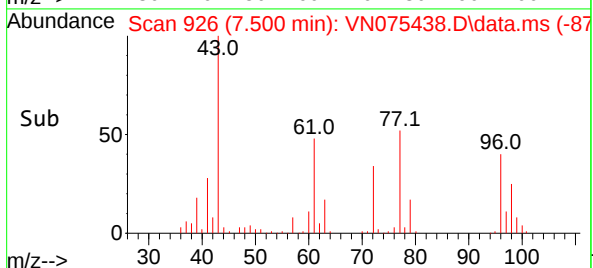
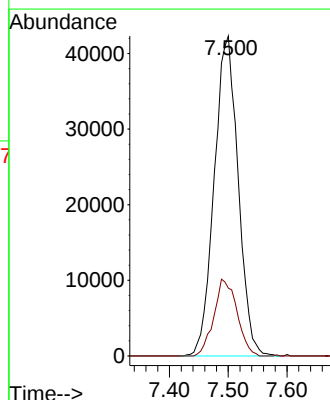
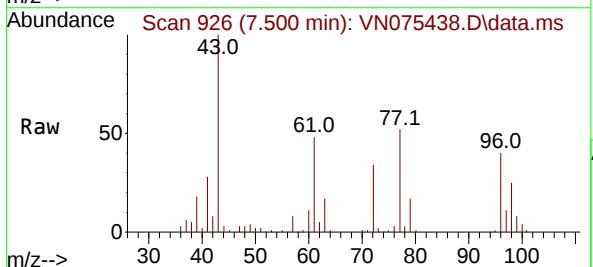
Acq: 28 Nov 2022 10:35

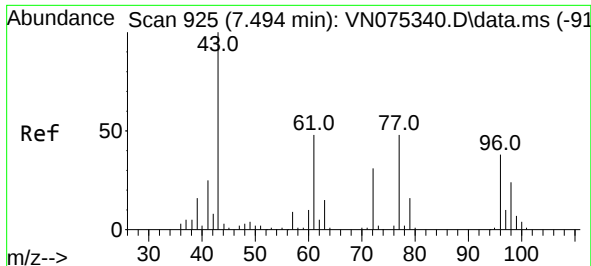
Tgt Ion: 77 Resp: 119490

Ion Ratio Lower Upper

77 100

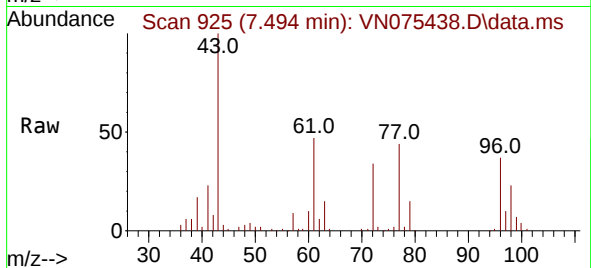
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.825 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

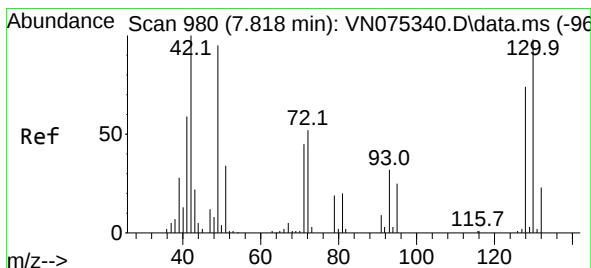
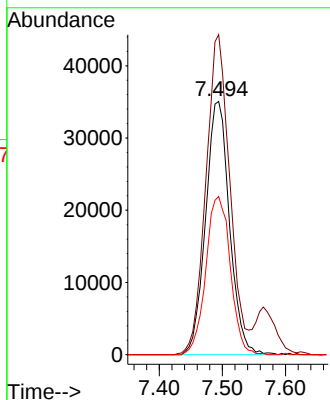
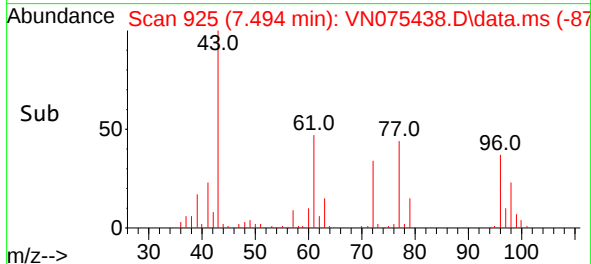
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 92350
 Ion Ratio Lower Upper
 96 100
 61 126.1 0.0 278.8
 98 63.8 0.0 128.4

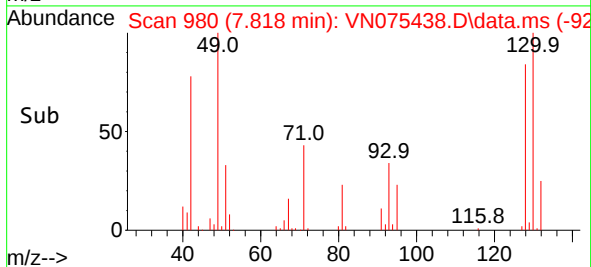
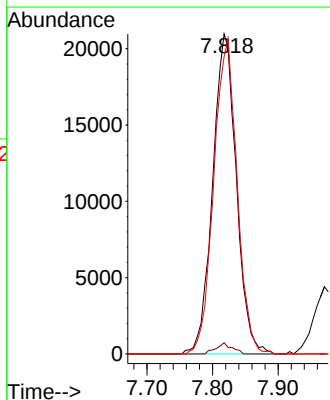
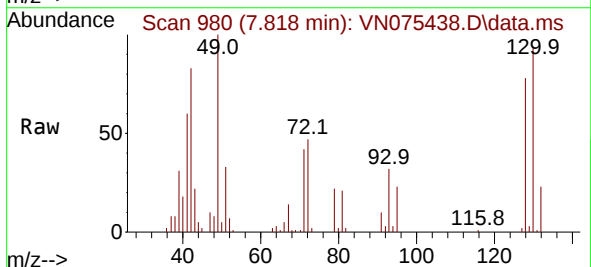
Manual Integrations
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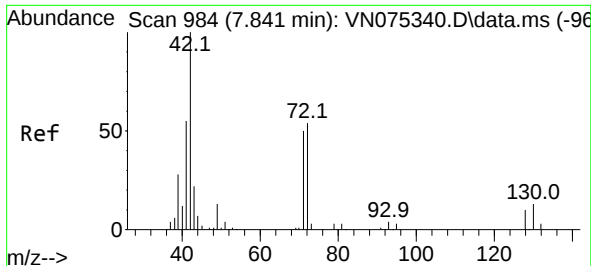
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#28
 Bromochloromethane
 Concen: 49.310 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

Tgt Ion: 49 Resp: 52444
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 97.3 66.2 99.4





#29

Tetrahydrofuran

Concen: 251.207 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 15950

Ion Ratio Lower Upper

42 100

72 55.2 43.0 64.6

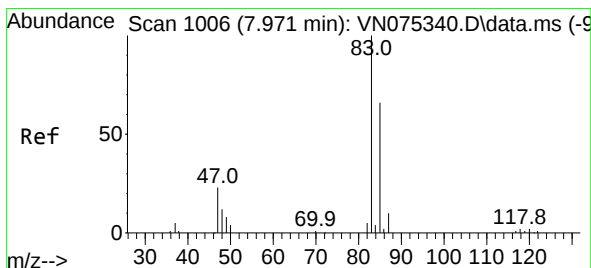
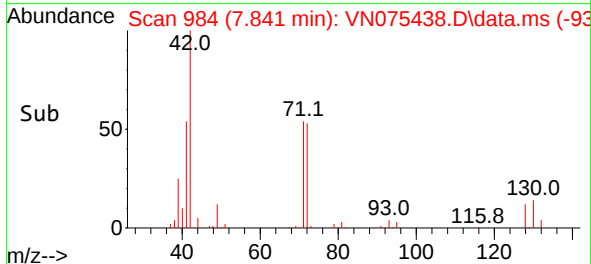
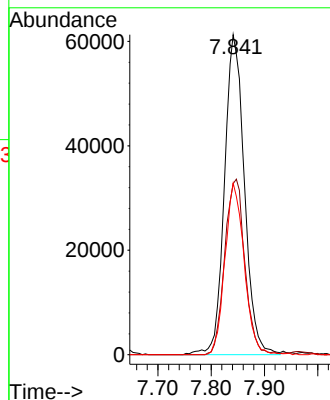
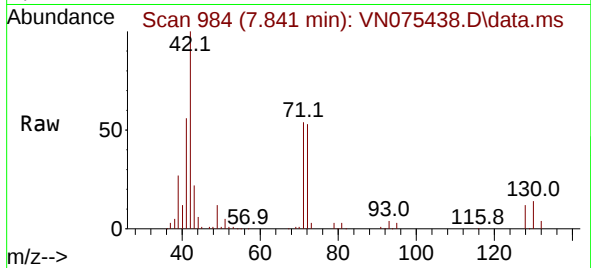
71 51.9 39.9 59.9

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#30

Chloroform

Concen: 50.226 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075438.D

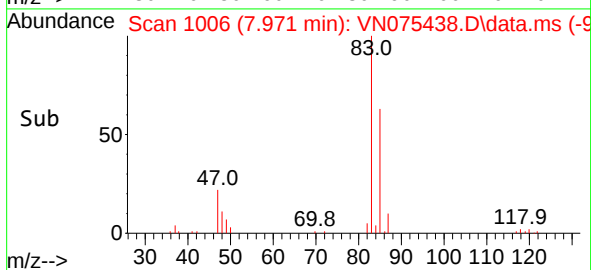
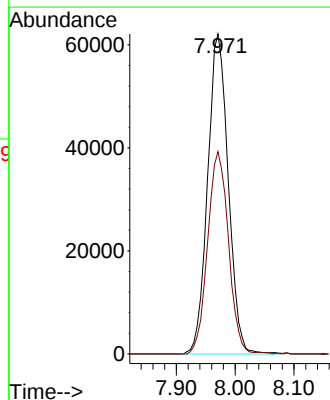
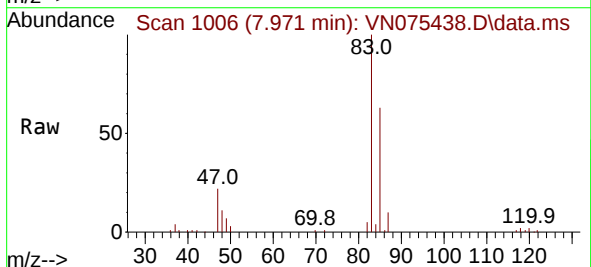
Acq: 28 Nov 2022 10:35

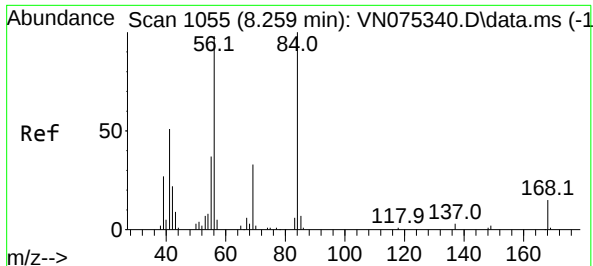
Tgt Ion: 83 Resp: 151125

Ion Ratio Lower Upper

83 100

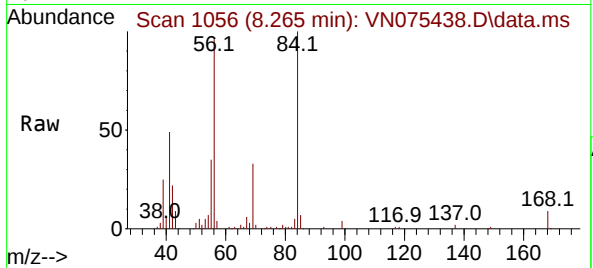
85 63.2 51.4 77.0





#31
Cyclohexane
Concen: 46.258 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

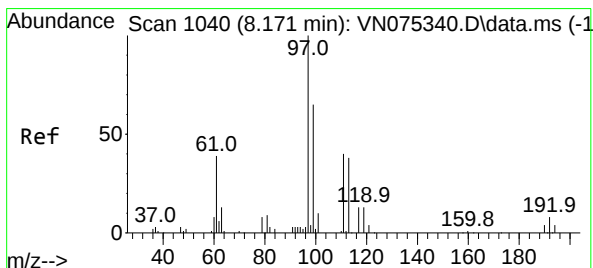
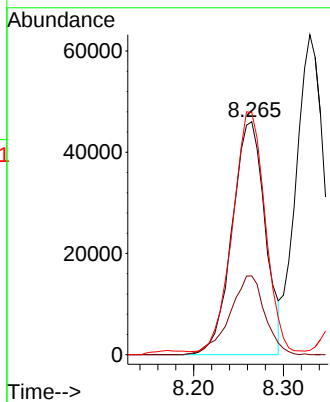
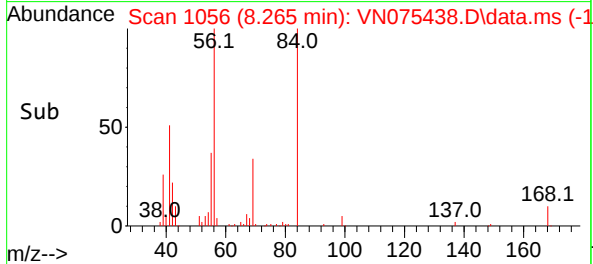
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



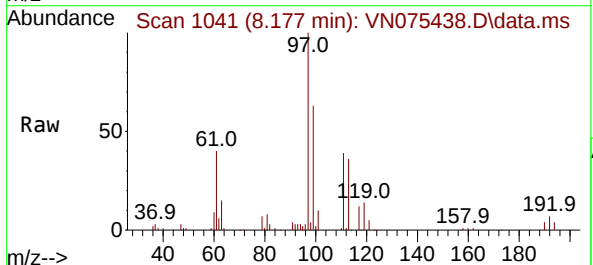
Tgt Ion: 56 Resp: 117809
Ion Ratio Lower Upper
56 100
69 33.8 25.2 37.8
84 102.4 77.8 116.8

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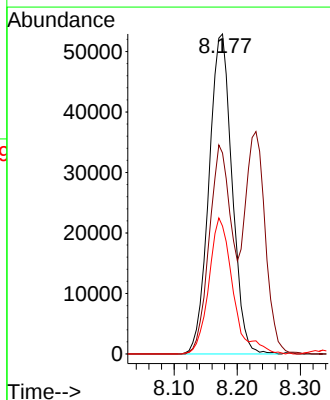
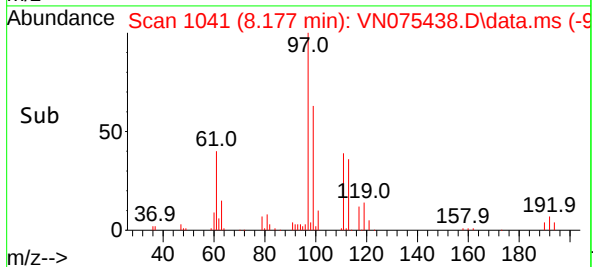
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#32
1,1,1-Trichloroethane
Concen: 49.253 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



Tgt Ion: 97 Resp: 134558
Ion Ratio Lower Upper
97 100
99 63.2 50.2 75.2
61 44.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.223 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 41060

Ion Ratio Lower Upper

65 100

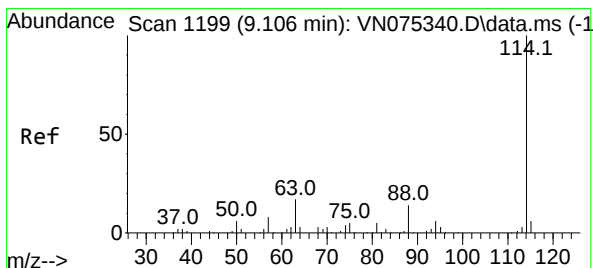
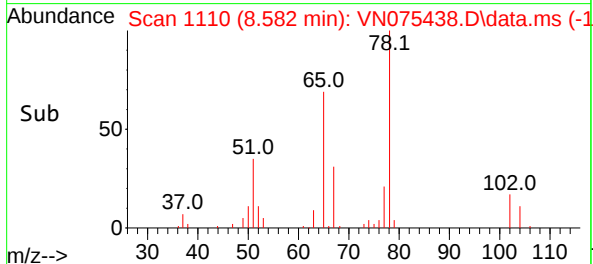
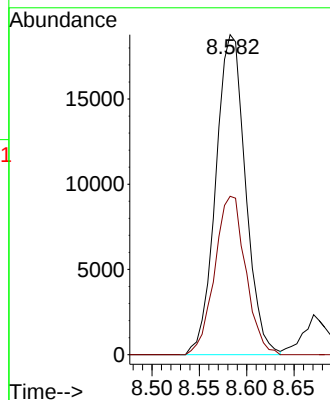
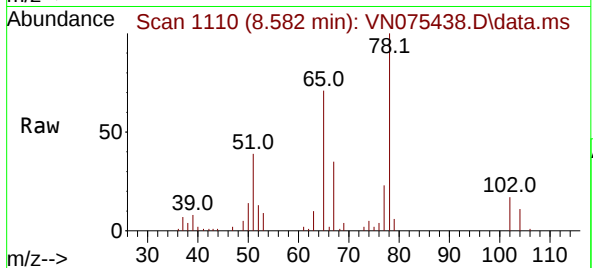
67 51.4 0.0 102.0

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

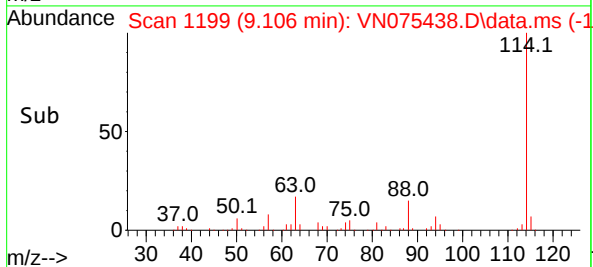
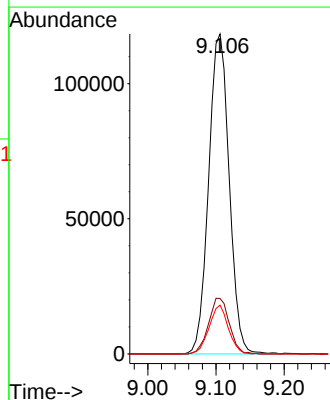
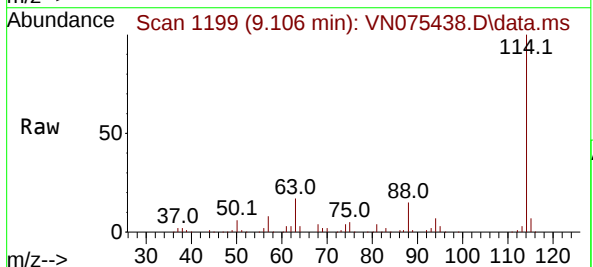
Tgt Ion:114 Resp: 248149

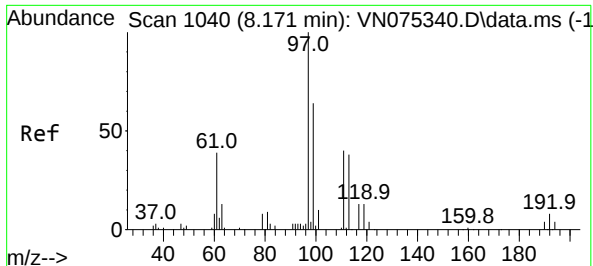
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.286 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 49994

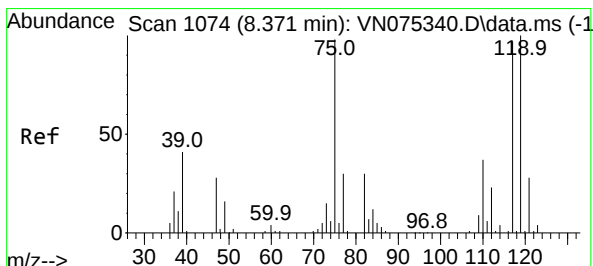
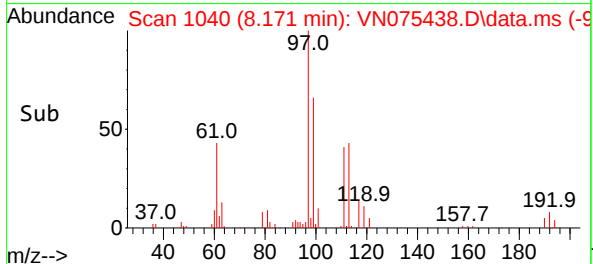
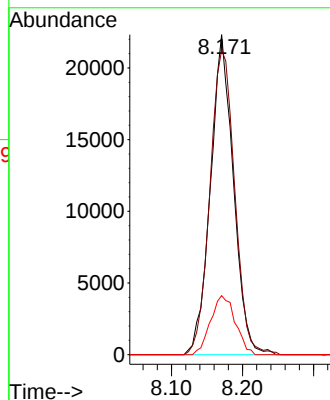
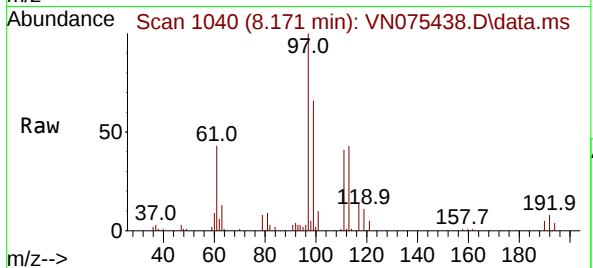
Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.5	120.7
192	19.9	13.2	19.8

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#36

1,1-Dichloropropene

Concen: 49.995 ug/l

RT: 8.377 min Scan# 1075

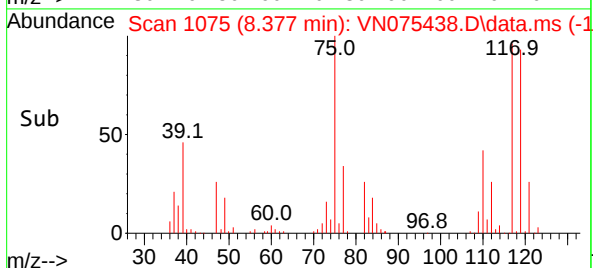
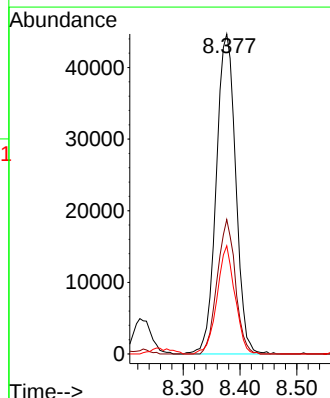
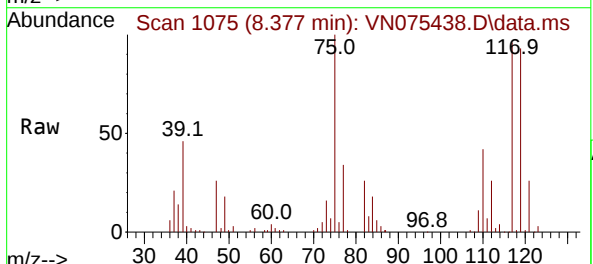
Delta R.T. 0.005 min

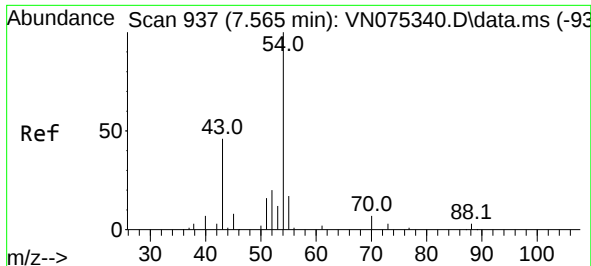
Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Tgt Ion: 75 Resp: 106282

Ion	Ratio	Lower	Upper
75	100		
110	39.3	17.8	53.3
77	31.2	24.6	37.0





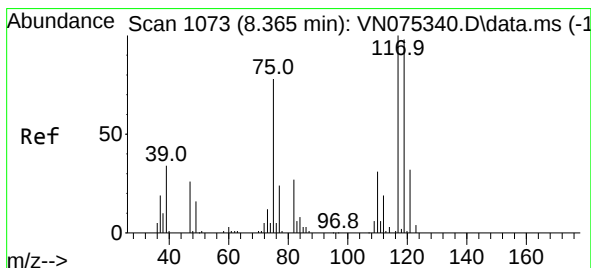
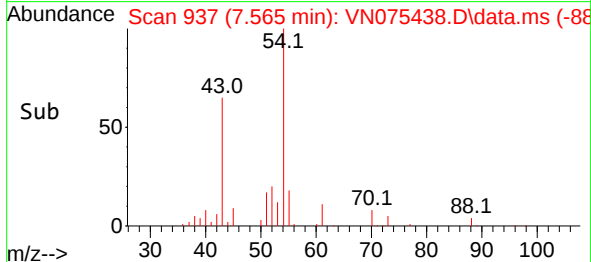
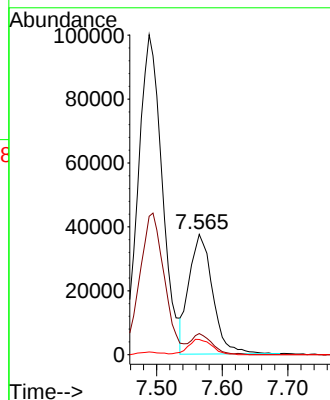
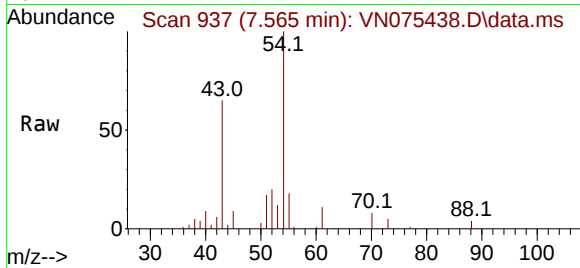
#37
Ethyl Acetate
Concen: 49.048 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9388
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 13.0 9.4 14.2

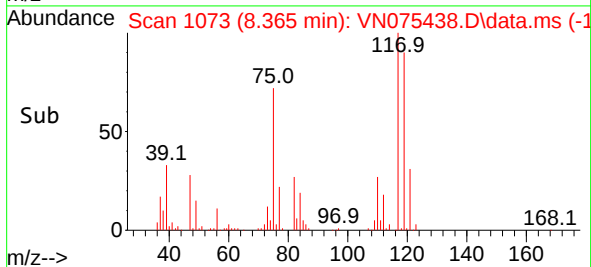
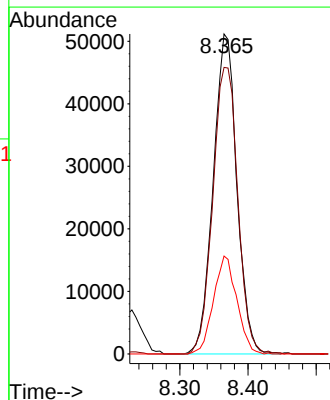
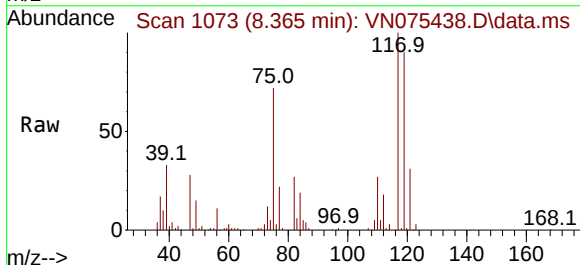
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#38
Carbon Tetrachloride
Concen: 52.900 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion:117 Resp: 123535
Ion Ratio Lower Upper
117 100
119 89.5 76.7 115.1
121 30.6 23.9 35.9





#39

Methylcyclohexane

Concen: 52.412 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 139440

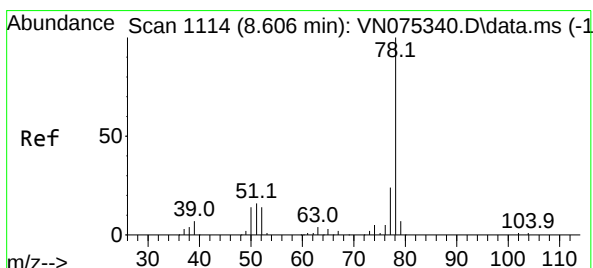
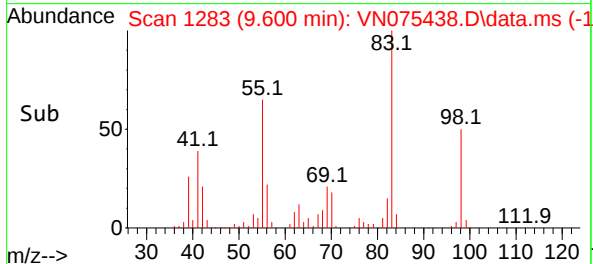
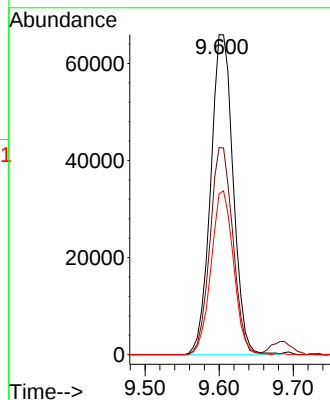
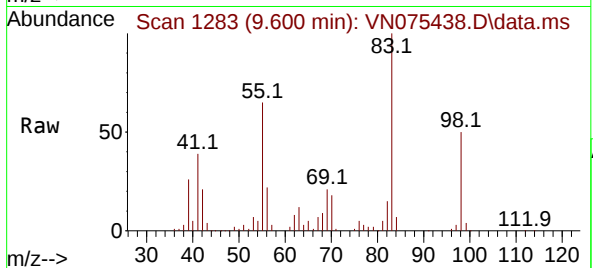
Ion	Ratio	Lower	Upper
83	100		
55	64.7	53.6	80.4
98	50.2	41.1	61.7

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#40

Benzene

Concen: 50.168 ug/l

RT: 8.612 min Scan# 1115

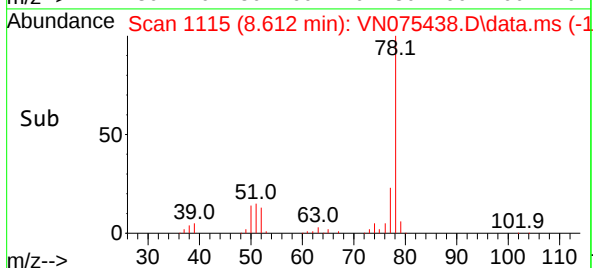
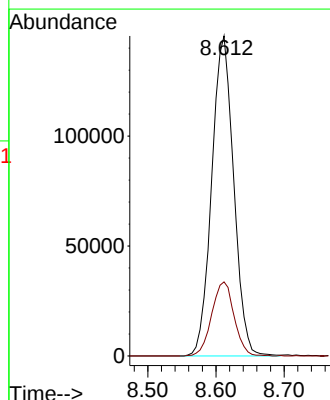
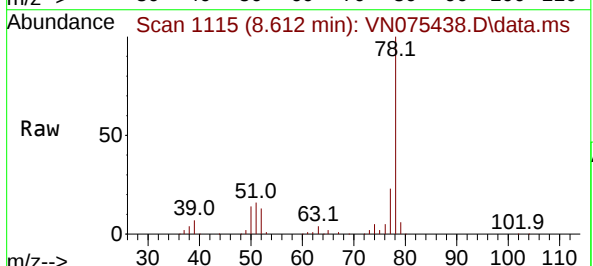
Delta R.T. 0.006 min

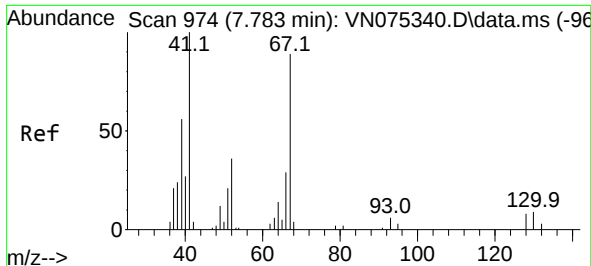
Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Tgt Ion: 78 Resp: 326530

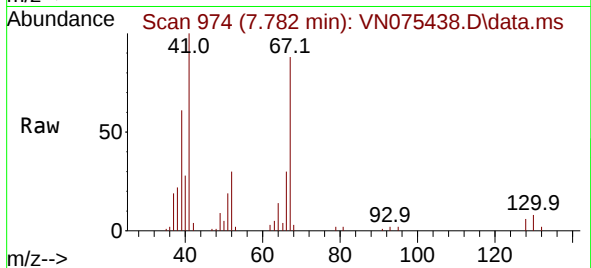
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





#41
Methacrylonitrile
Concen: 53.087 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

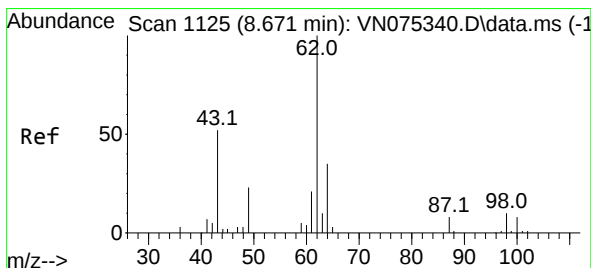
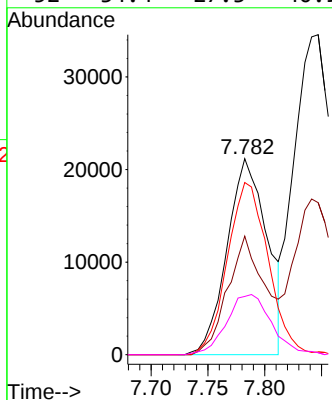
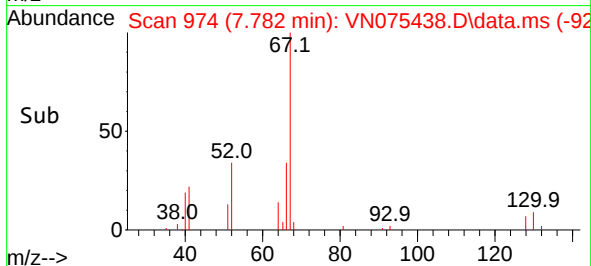
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 5195
Ion Ratio	Lower Upper
41	100
39	56.7 44.4 66.6
67	89.6 69.8 104.6
52	34.4 27.3 40.9

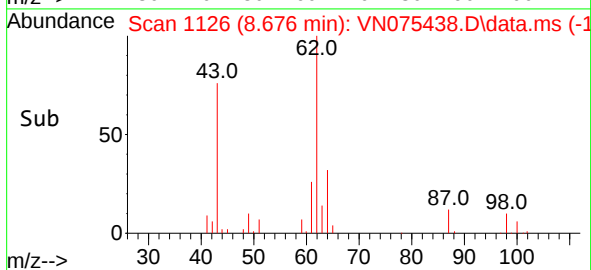
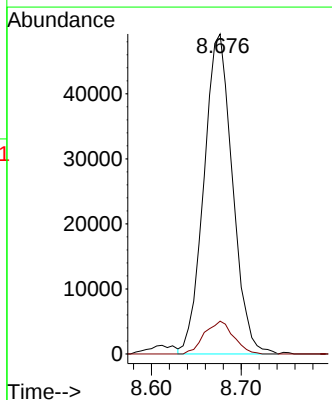
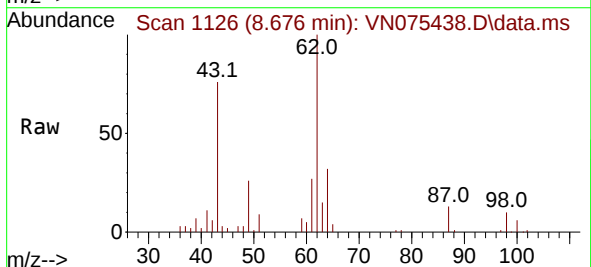
Manual Integrations
APPROVED

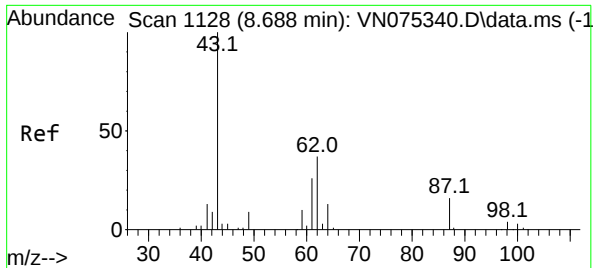
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#42
1,2-Dichloroethane
Concen: 49.908 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. 0.005 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion: 62	Resp: 108792
Ion Ratio	Lower Upper
62	100
98	10.4 0.0 18.2





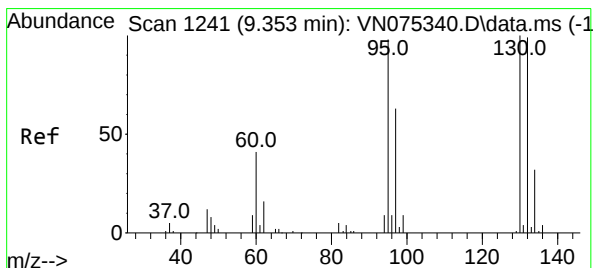
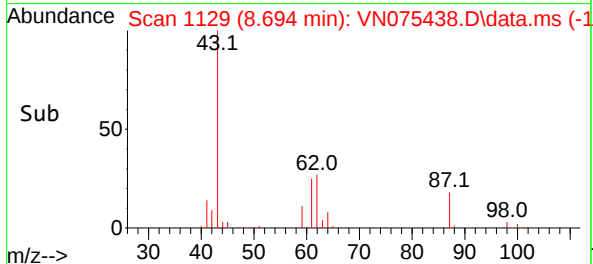
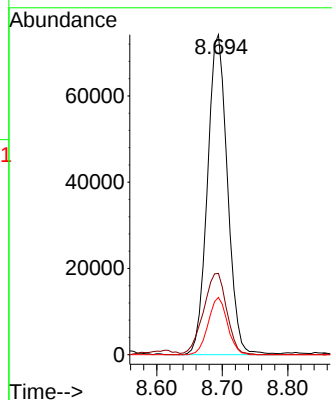
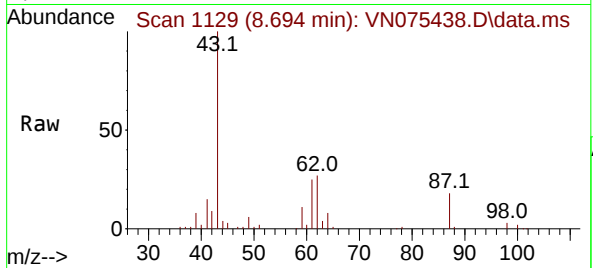
#43
Isopropyl Acetate
Concen: 51.163 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 157198
Ion Ratio Lower Upper
43 100
61 29.6 22.4 33.6
87 17.2 12.5 18.7

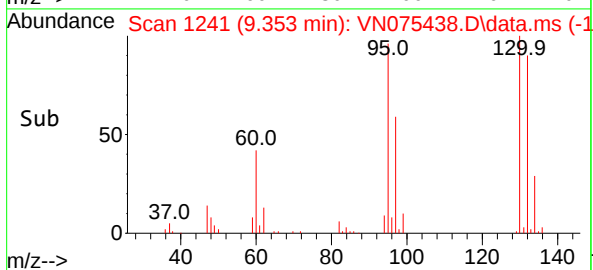
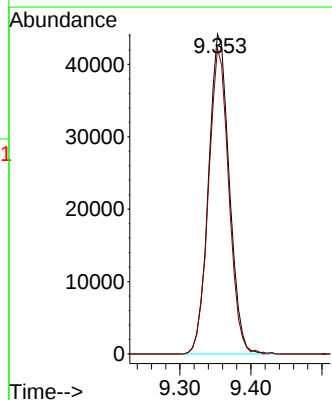
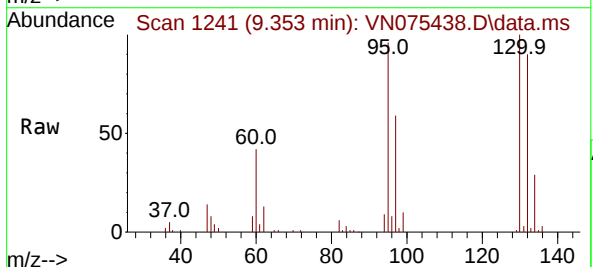
Manual Integrations
APPROVED

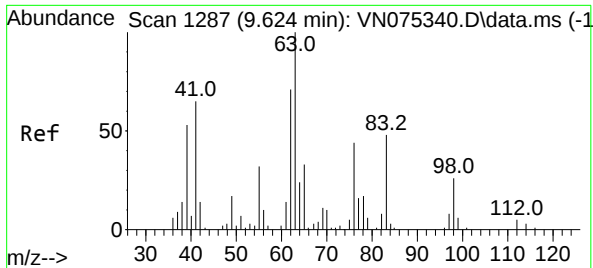
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#44
Trichloroethene
Concen: 50.319 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion:130 Resp: 89615
Ion Ratio Lower Upper
130 100
95 95.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.445 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.001 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7824

Ion Ratio Lower Upper

63 100

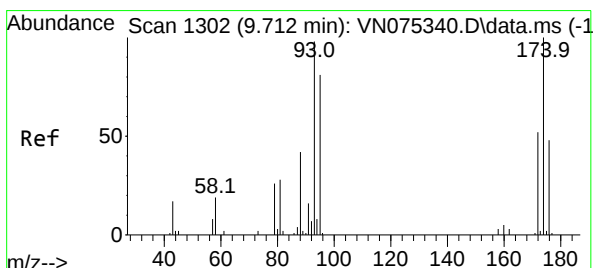
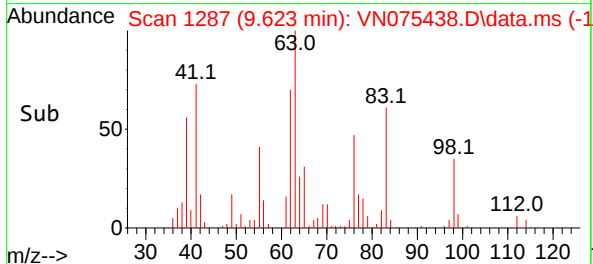
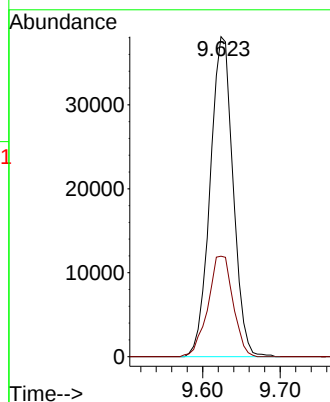
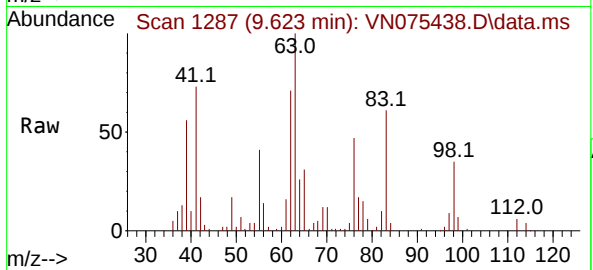
65 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#46

Dibromomethane

Concen: 51.394 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

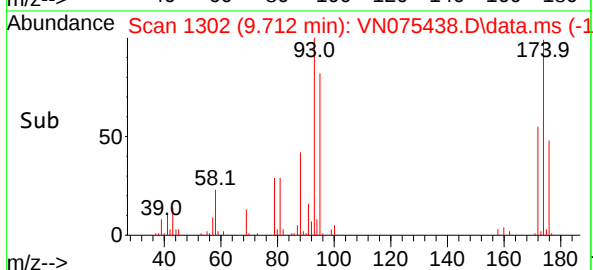
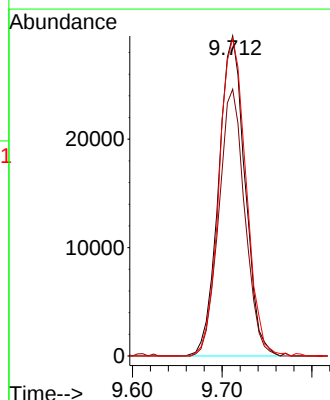
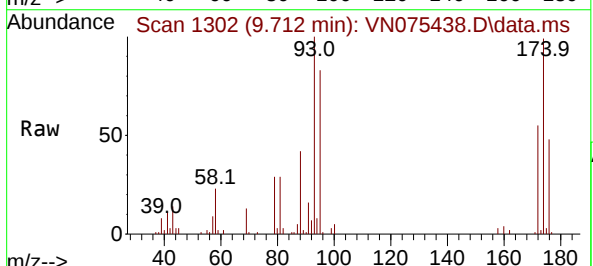
Tgt Ion: 93 Resp: 60295

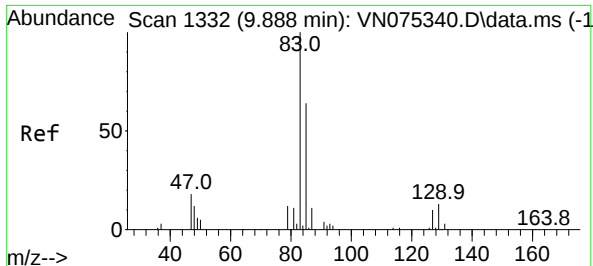
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 101.1 70.3 105.5





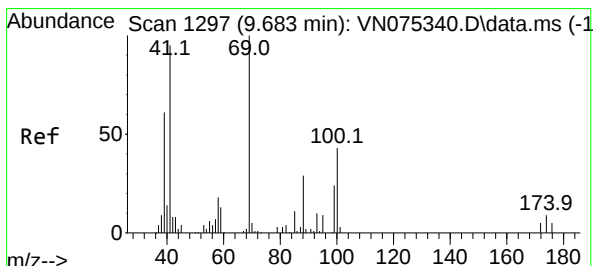
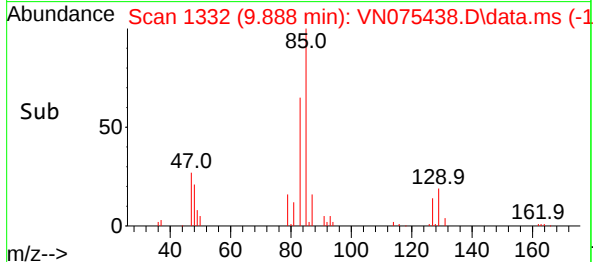
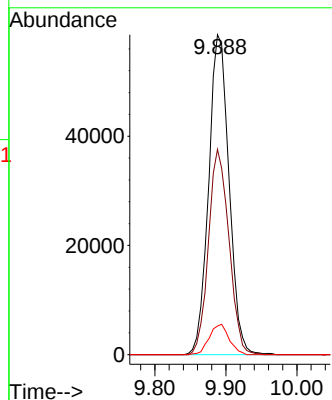
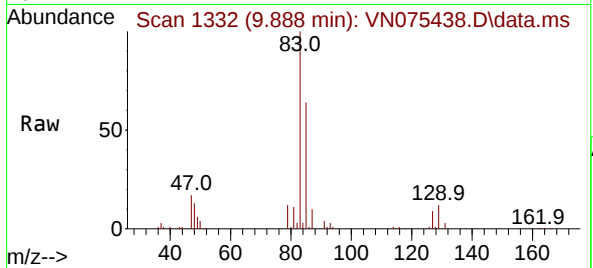
#47
Bromodichloromethane
Concen: 51.492 ug/l
RT: 9.888 min Scan# 11698
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11698
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1
127 8.9 6.6 10.0

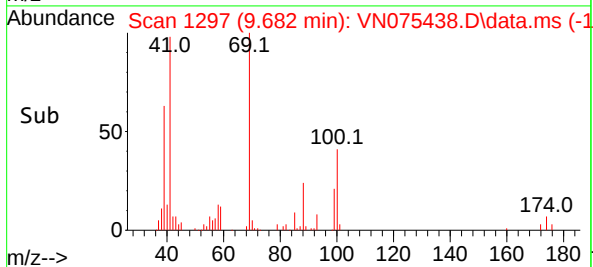
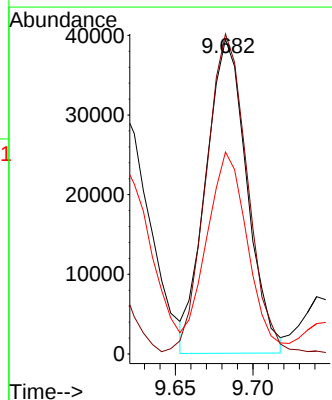
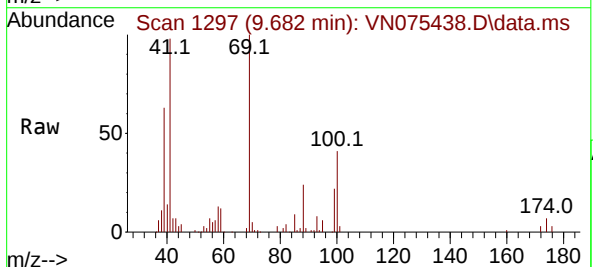
Manual Integrations
APPROVED

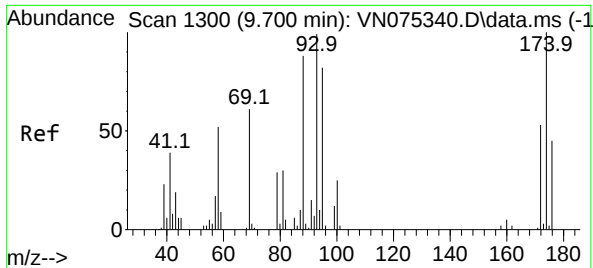
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#48
Methyl methacrylate
Concen: 51.165 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

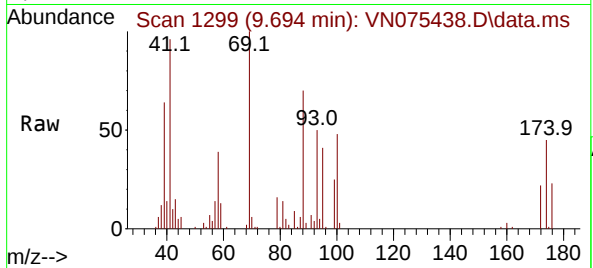
Tgt Ion: 41 Resp: 72690
Ion Ratio Lower Upper
41 100
69 103.6 80.2 120.2
39 65.1 56.2 84.2





#49
1,4-Dioxane
Concen: 983.928 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

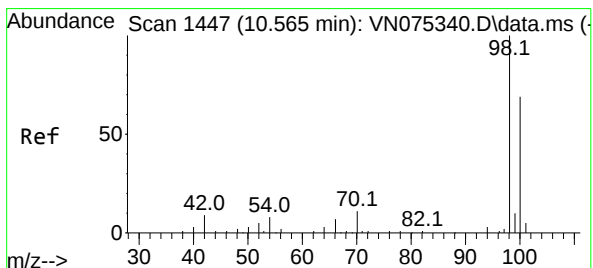
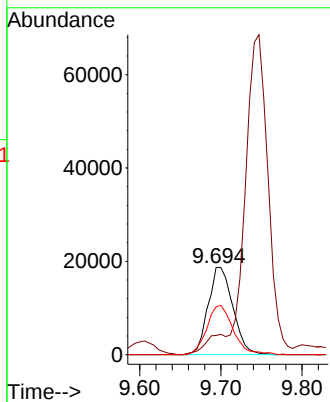
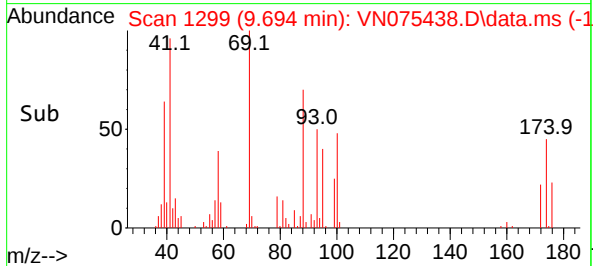
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



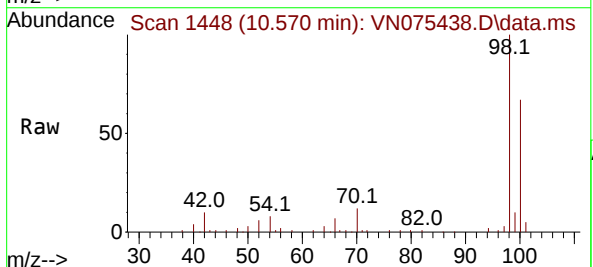
Tgt Ion: 88 Resp: 3969
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3
58 60.0 49.8 74.8

Manual Integrations
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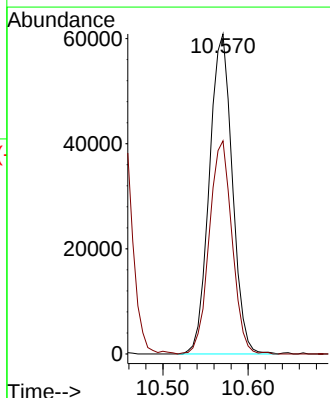
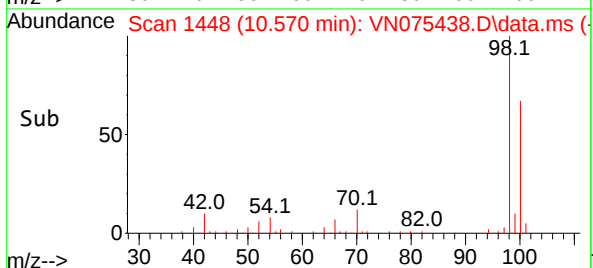
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

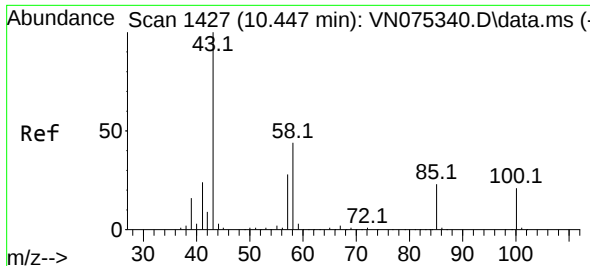


#50
Toluene-d8
Concen: 51.858 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



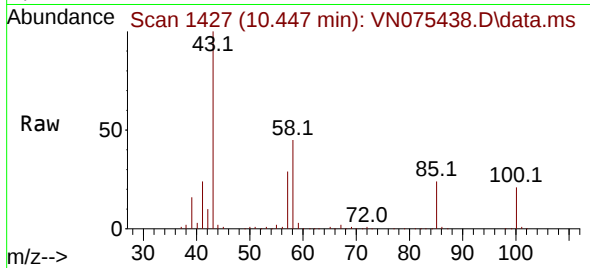
Tgt Ion: 98 Resp: 113857
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 258.473 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

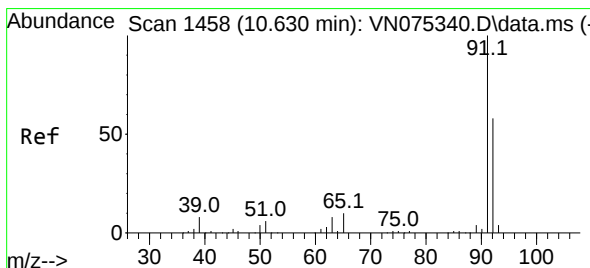
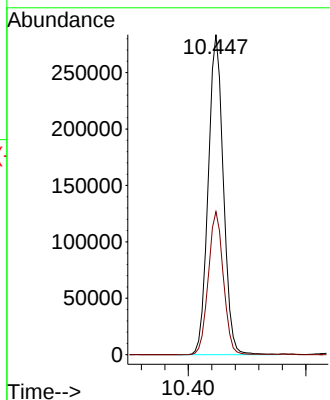
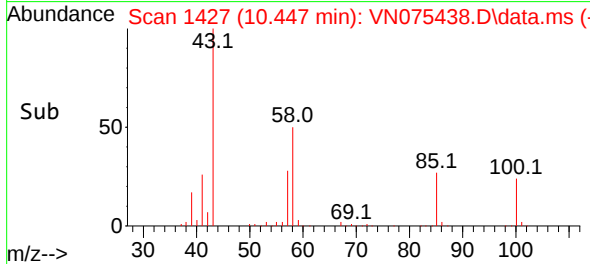
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



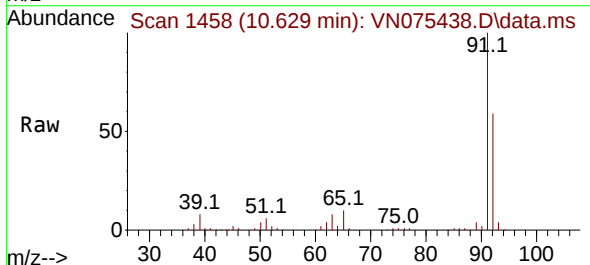
Tgt Ion: 43 Resp: 50581
Ion Ratio Lower Upper
43 100
58 44.5 33.6 50.4

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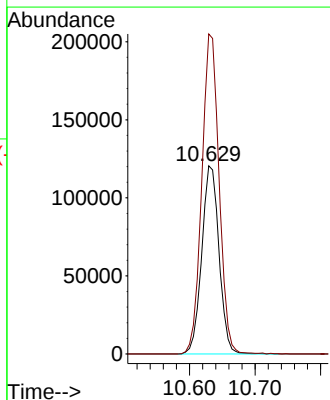
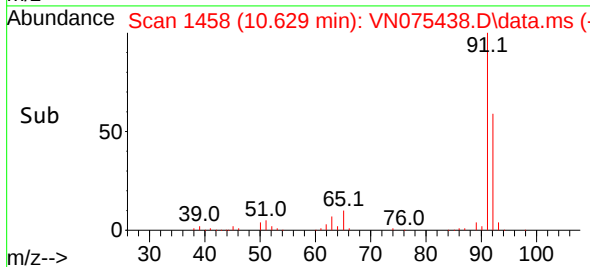
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#52
Toluene
Concen: 52.675 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



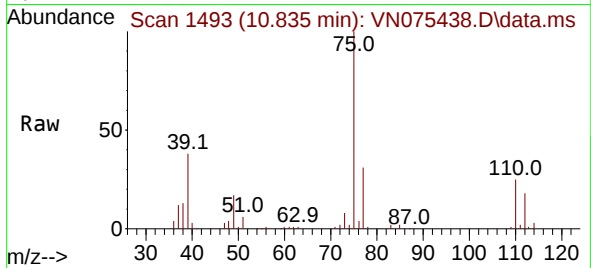
Tgt Ion: 92 Resp: 220934
Ion Ratio Lower Upper
92 100
91 170.3 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 53.898 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

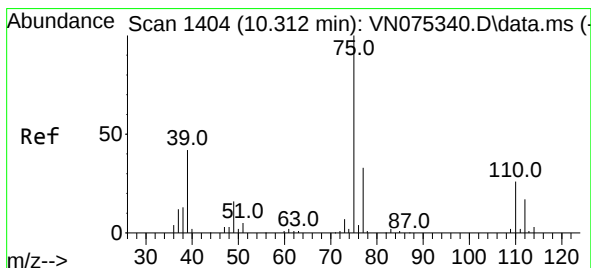
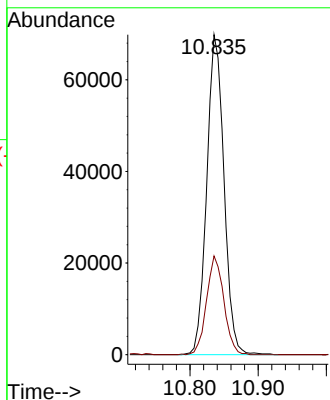
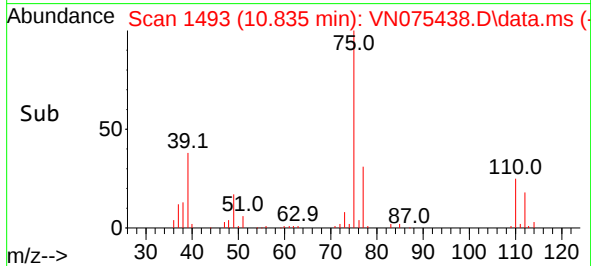
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



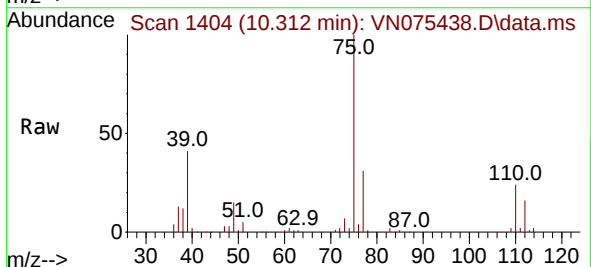
Tgt Ion: 75 Resp: 122933
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

Manual Integrations
APPROVED

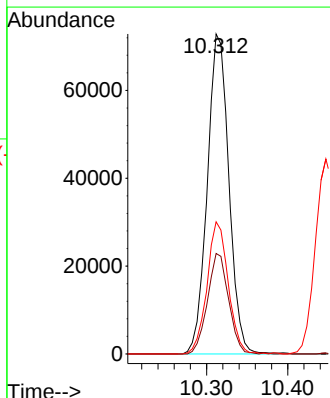
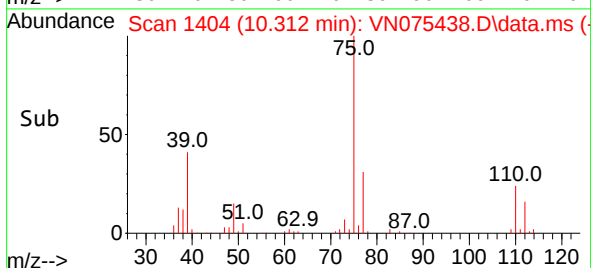
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

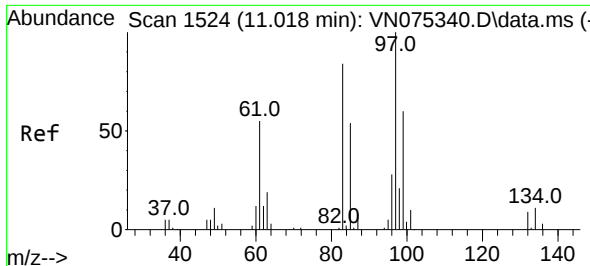


#54
cis-1,3-Dichloropropene
Concen: 54.357 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



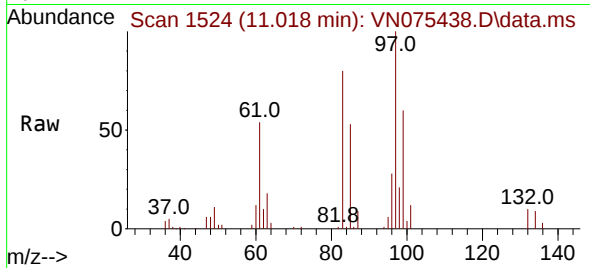
Tgt Ion: 75 Resp: 134653
Ion Ratio Lower Upper
75 100
77 31.4 23.7 35.5
39 41.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.466 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

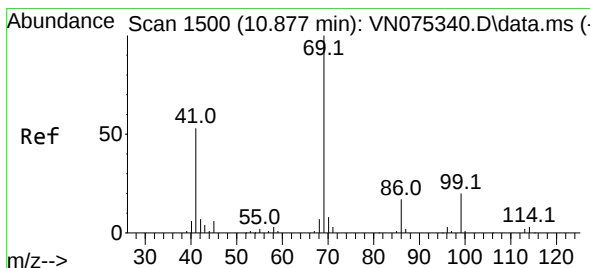
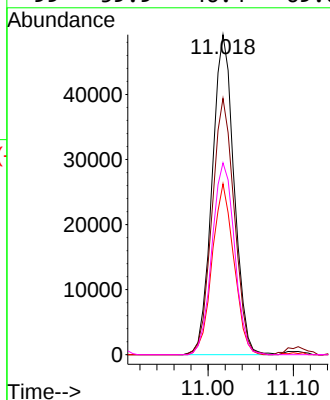
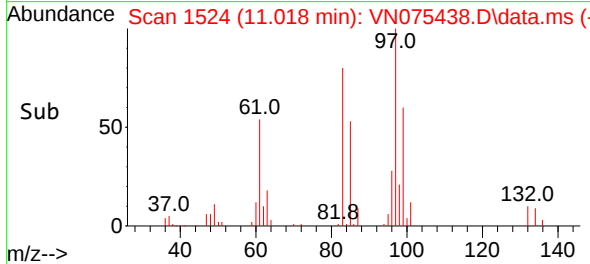


Tgt Ion: 97 Resp: 87919

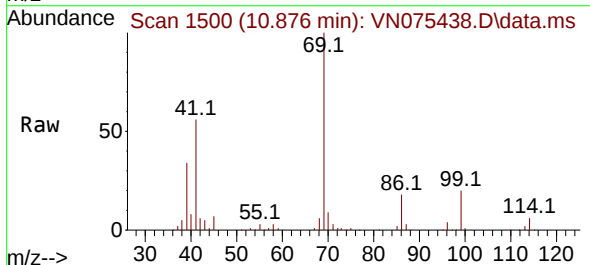
Ion	Ratio	Lower	Upper
97	100		
83	80.1	65.9	98.9
85	53.4	40.4	60.6
99	59.9	46.4	69.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

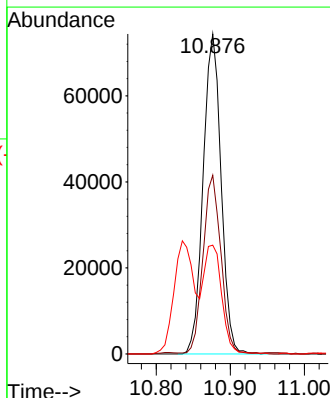
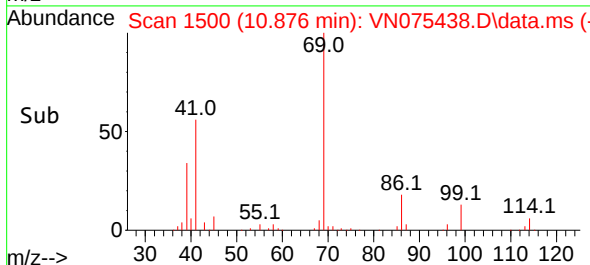


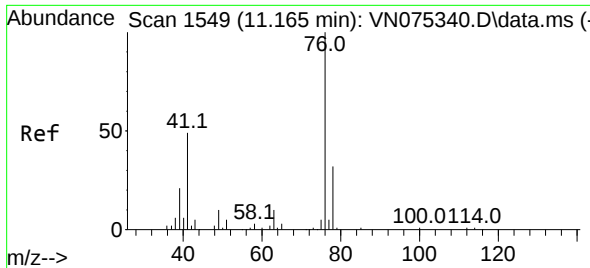
#56
Ethyl methacrylate
Concen: 54.186 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



Tgt Ion: 69 Resp: 125007

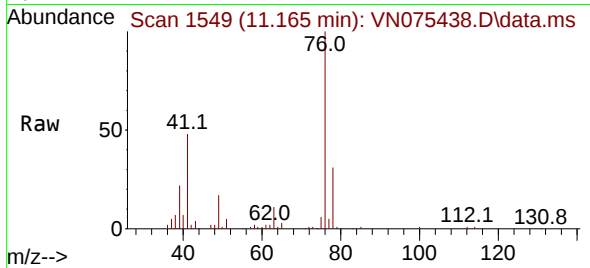
Ion	Ratio	Lower	Upper
69	100		
41	55.1	45.6	68.4
39	33.5	28.5	42.7





#57
1,3-Dichloropropane
Concen: 50.768 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

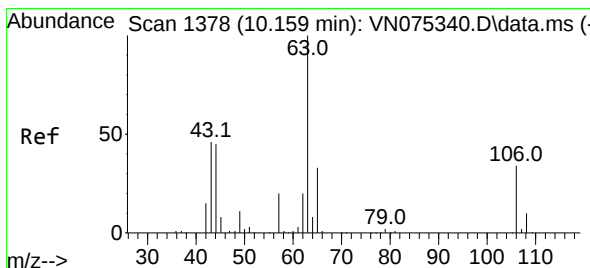
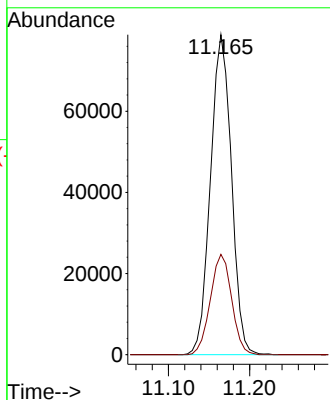
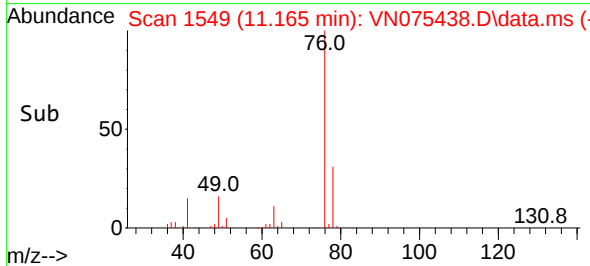
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



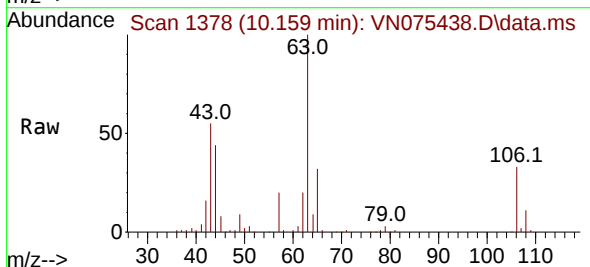
Tgt Ion: 76 Resp: 14141
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.6

Manual Integrations
APPROVED

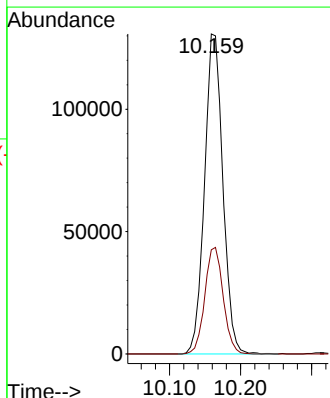
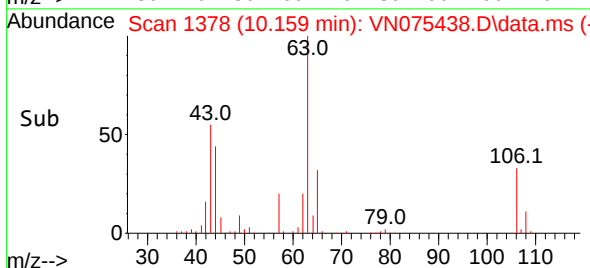
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

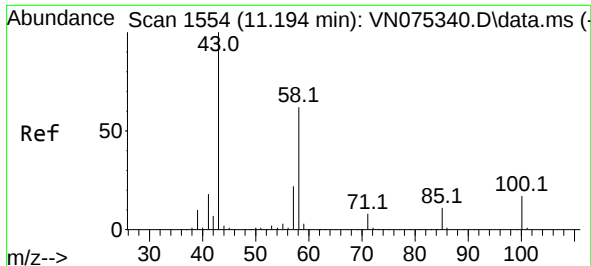


#58
2-Chloroethyl Vinyl ether
Concen: 282.396 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



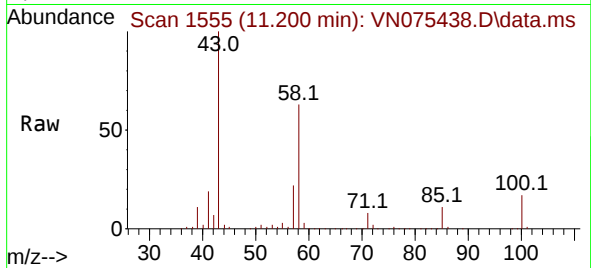
Tgt Ion: 63 Resp: 234963
Ion Ratio Lower Upper
63 100
106 33.3 24.8 37.2





#59
2-Hexanone
Concen: 257.285 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

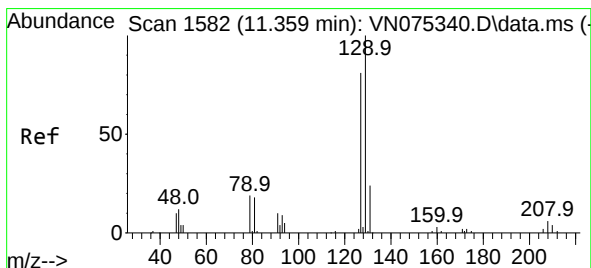
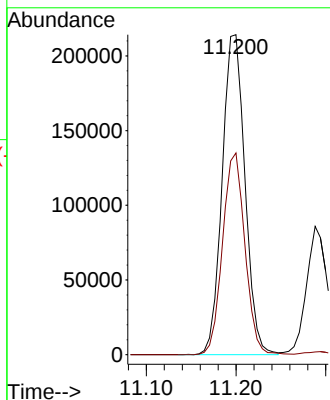
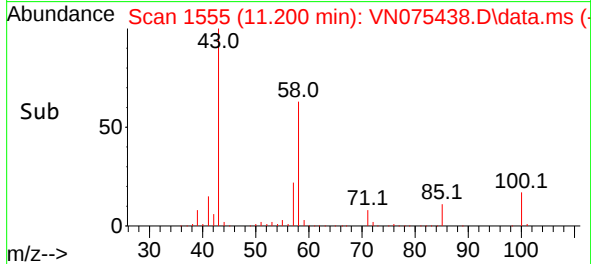
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 378070
Ion Ratio Lower Upper
43 100
58 61.8 29.6 88.8

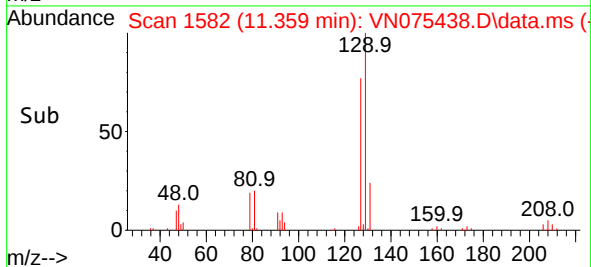
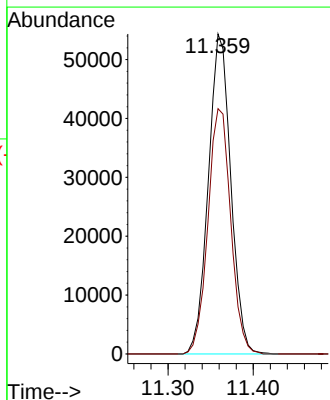
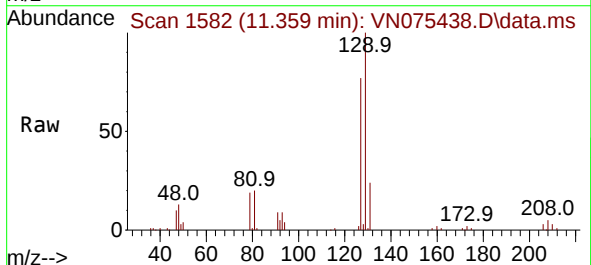
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#60
Dibromochloromethane
Concen: 56.736 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion:129 Resp: 99484
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





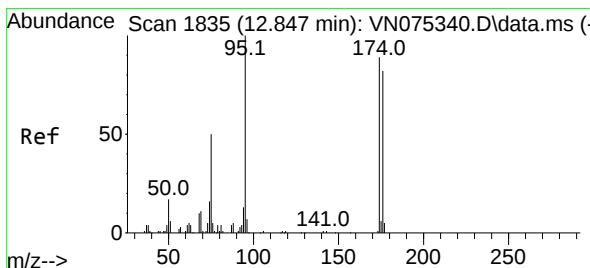
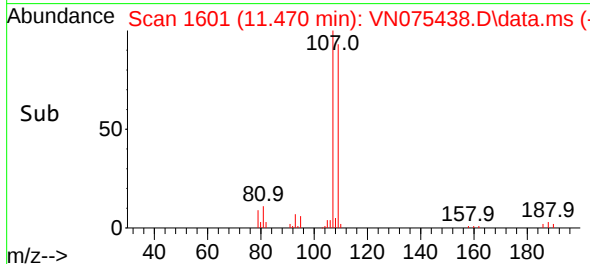
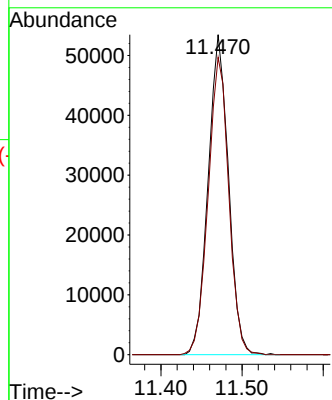
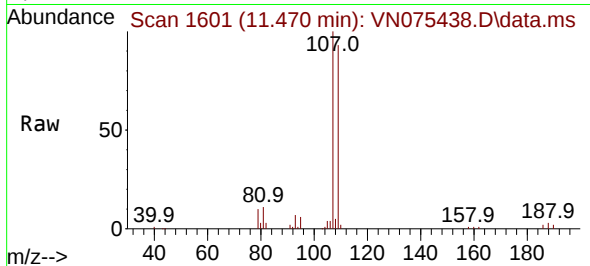
#61
1,2-Dibromoethane
Concen: 52.438 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 9297
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

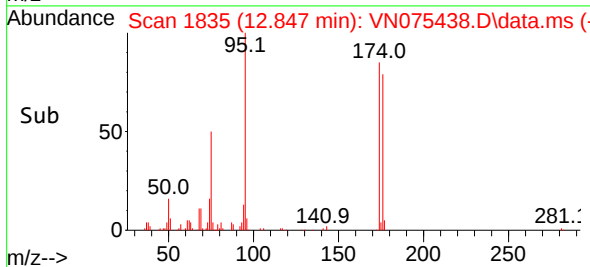
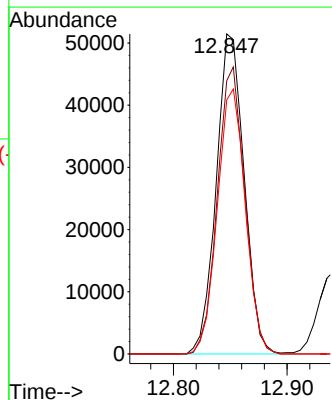
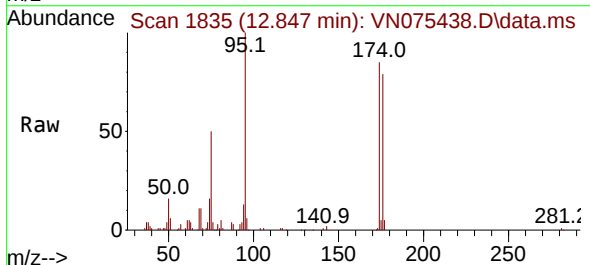
Manual Integrations
APPROVED

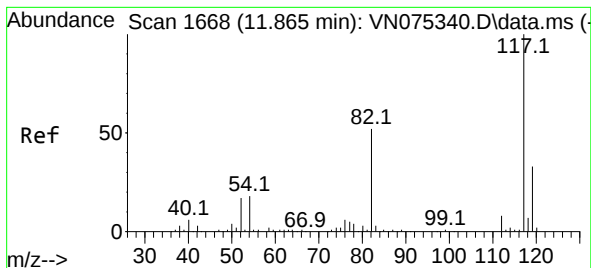
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#62
4-Bromofluorobenzene
Concen: 54.271 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion: 95 Resp: 87949
Ion Ratio Lower Upper
95 100
174 88.2 0.0 147.4
176 83.0 0.0 142.2





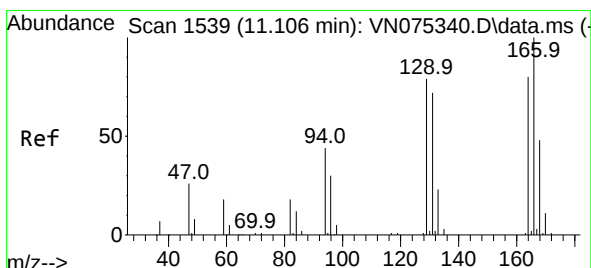
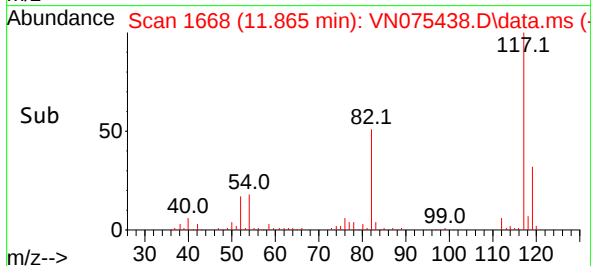
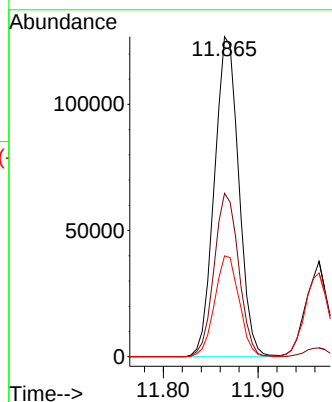
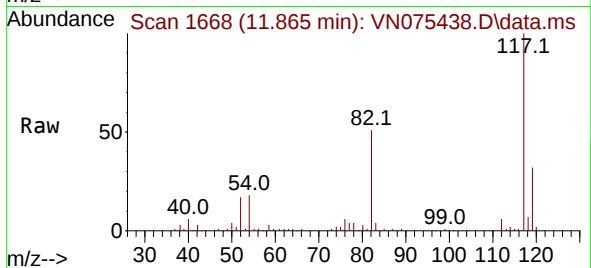
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 226894
Ion Ratio Lower Upper
117 100
82 51.1 43.1 64.7
119 31.5 25.5 38.3

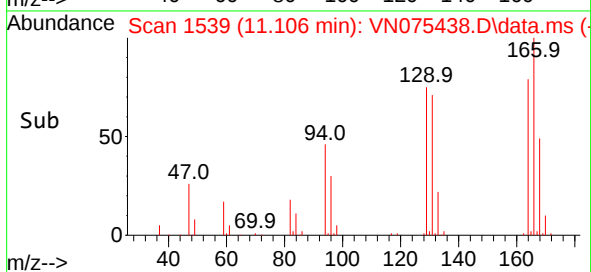
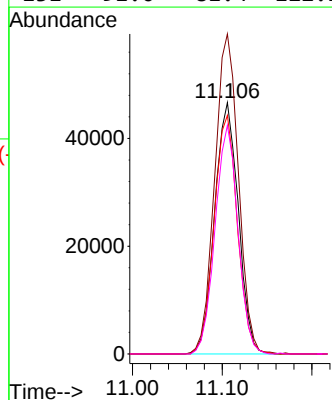
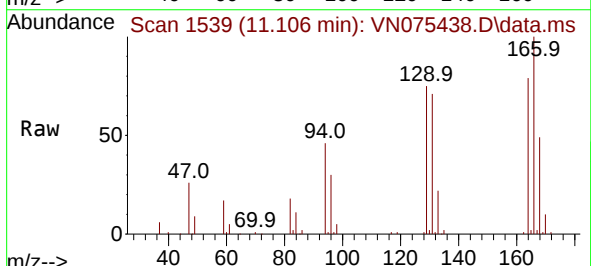
Manual Integrations
APPROVED

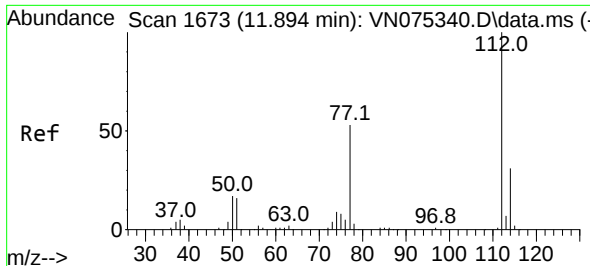
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#64
Tetrachloroethene
Concen: 49.347 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

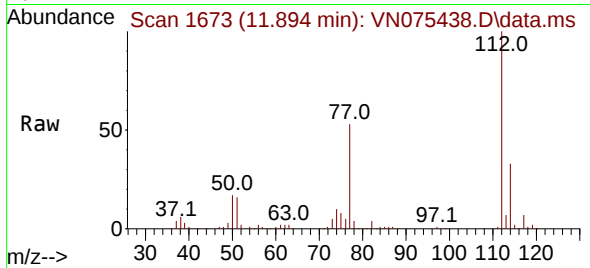
Tgt Ion:164 Resp: 85503
Ion Ratio Lower Upper
164 100
166 127.3 106.5 159.7
129 95.0 81.9 122.9
131 91.0 81.4 122.2





#65
Chlorobenzene
Concen: 51.056 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

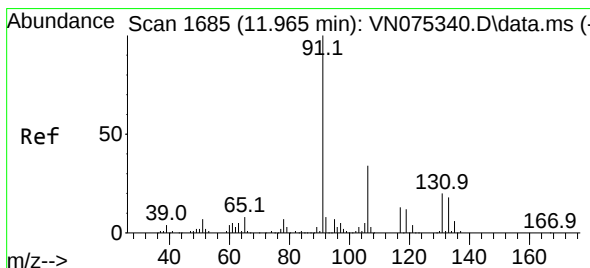
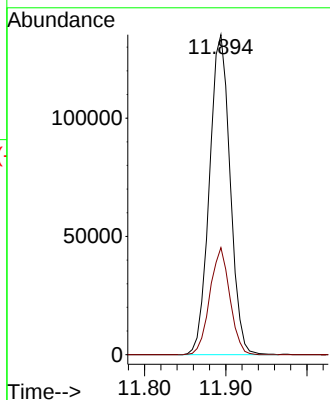
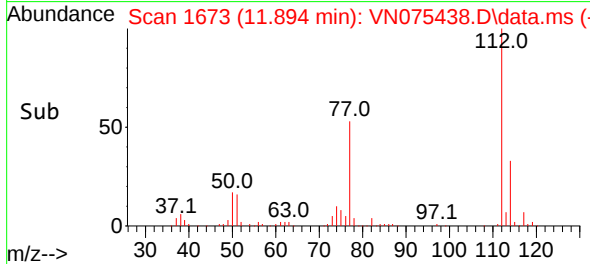
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 239235
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2

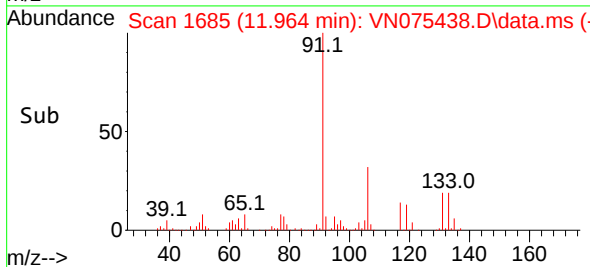
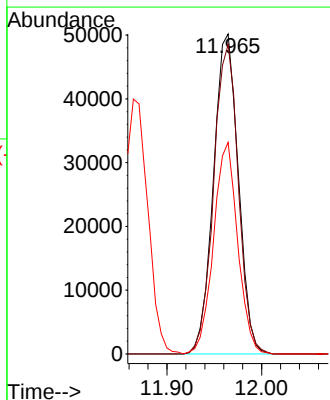
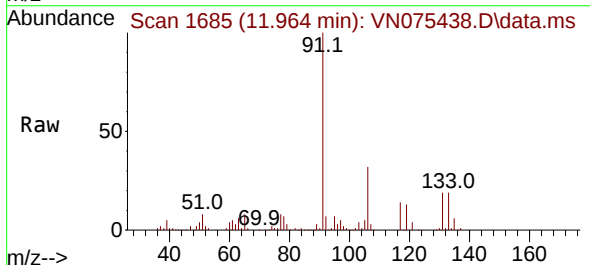
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.297 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

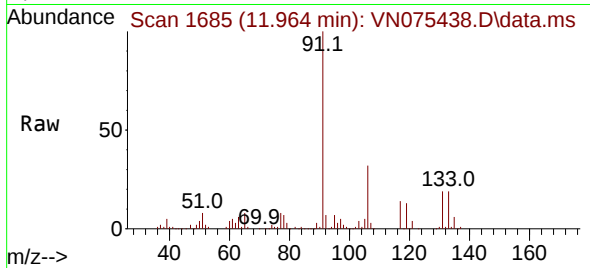
Tgt Ion:131 Resp: 91458
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.4
119 64.3 33.0 99.0





#67
Ethyl Benzene
Concen: 53.261 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

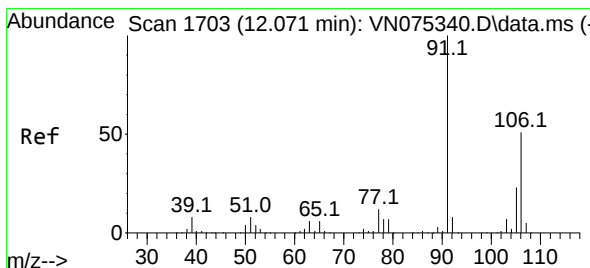
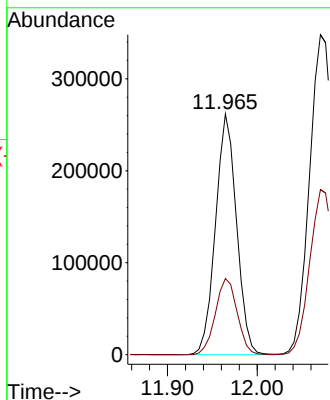
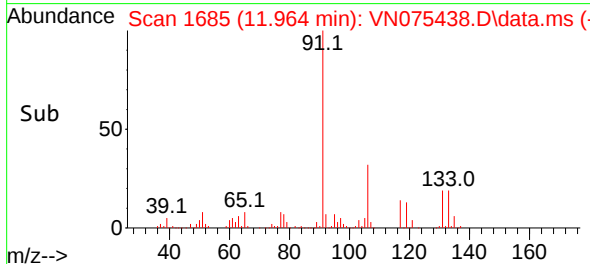
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



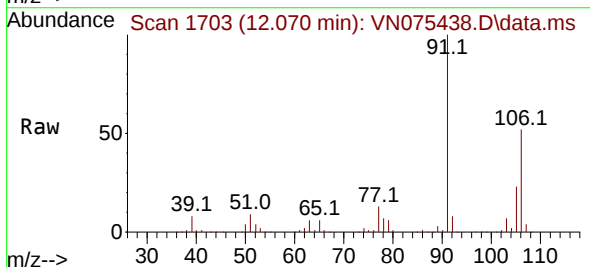
Tgt Ion: 91 Resp: 425778
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

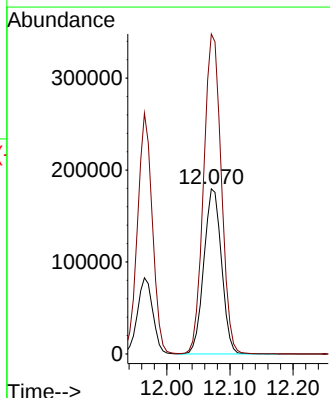
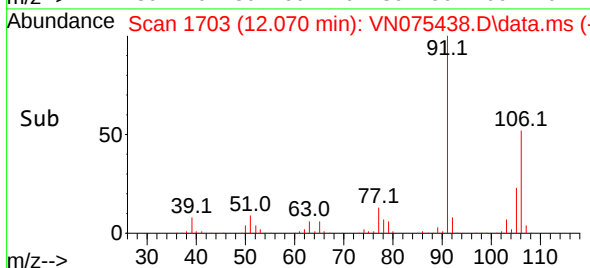
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

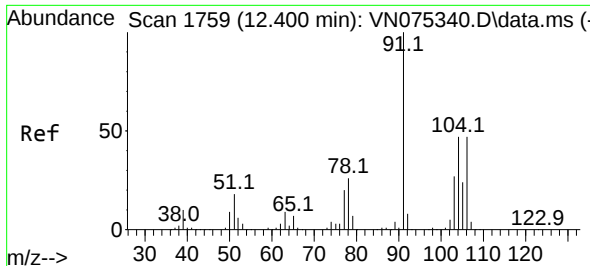


#68
m/p-Xylenes
Concen: 107.362 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



Tgt Ion:106 Resp: 348534
Ion Ratio Lower Upper
106 100
91 193.3 156.0 234.0





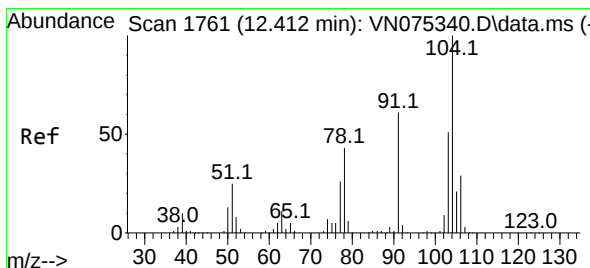
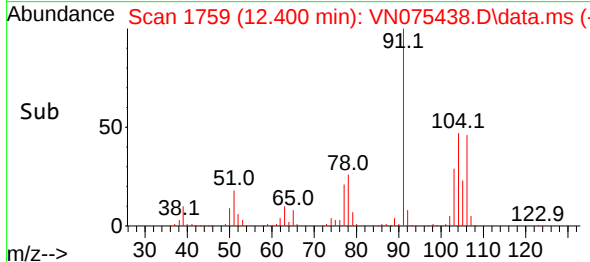
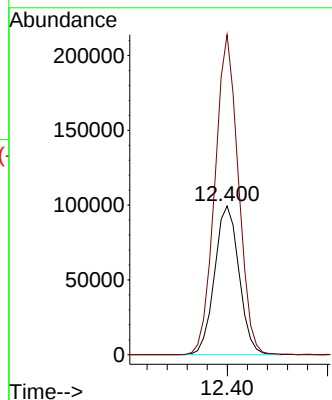
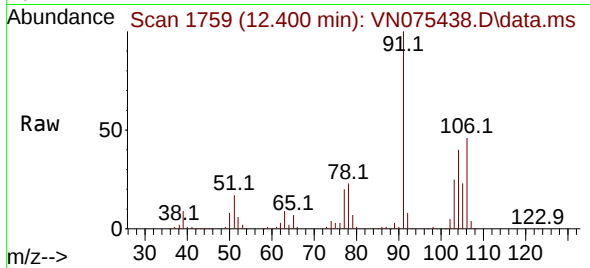
#69
o-Xylene
Concen: 52.017 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 167779
Ion Ratio Lower Upper
106 100
91 207.4 105.2 315.5

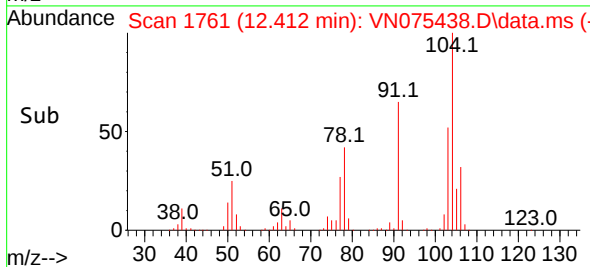
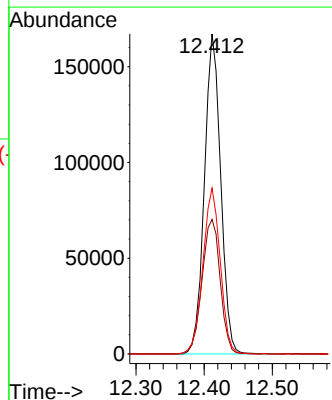
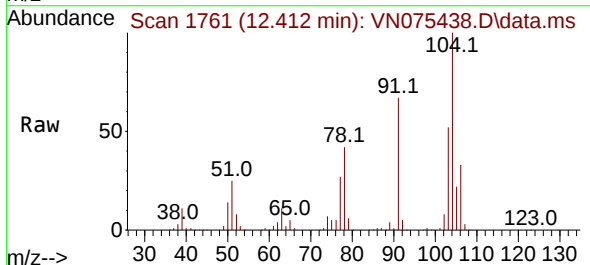
Manual Integrations
APPROVED

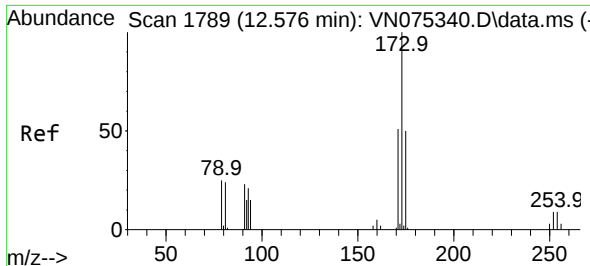
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#70
Styrene
Concen: 54.702 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

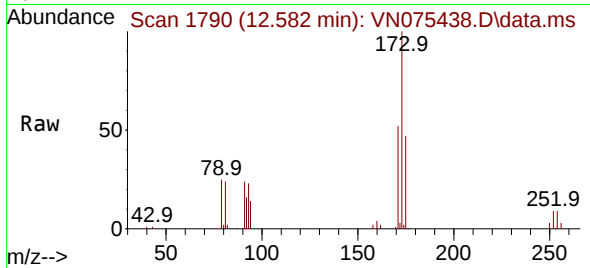
Tgt Ion:104 Resp: 278334
Ion Ratio Lower Upper
104 100
78 46.8 38.1 57.1
103 54.9 44.6 66.8





#71
Bromoform
Concen: 57.429 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

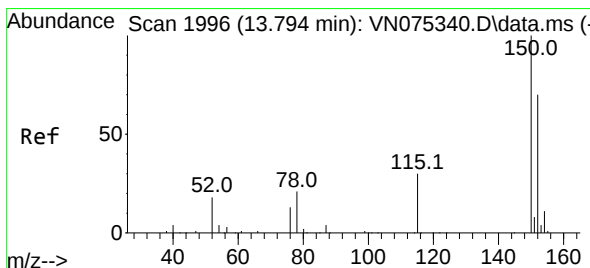
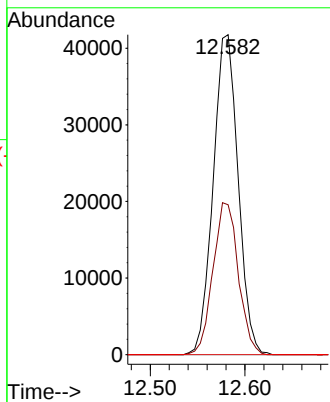
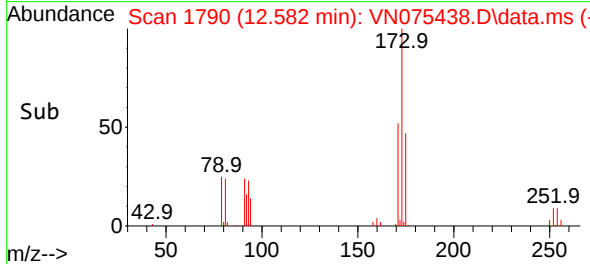
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 76438
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0

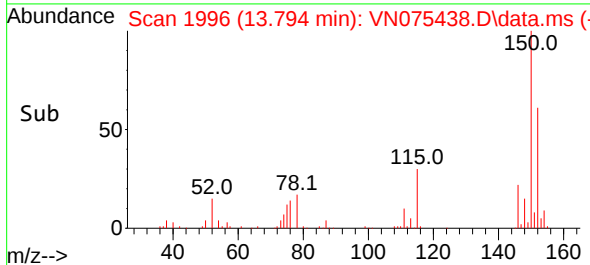
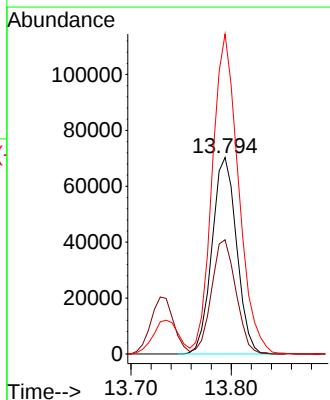
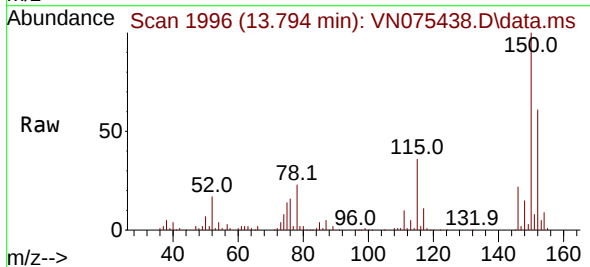
Manual Integrations
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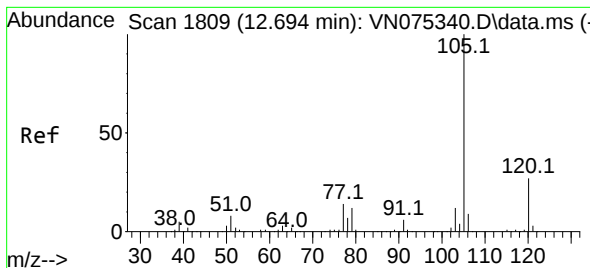
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion:152 Resp: 119897
Ion Ratio Lower Upper
152 100
115 57.6 30.2 90.6
150 173.5 0.0 348.4





#73

Isopropylbenzene

Concen: 50.957 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 44636

Ion Ratio Lower Upper

105 100

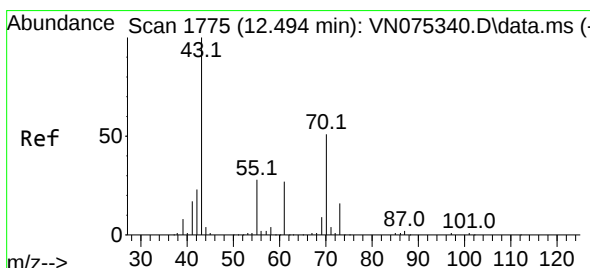
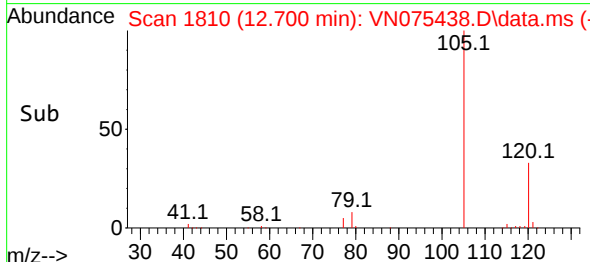
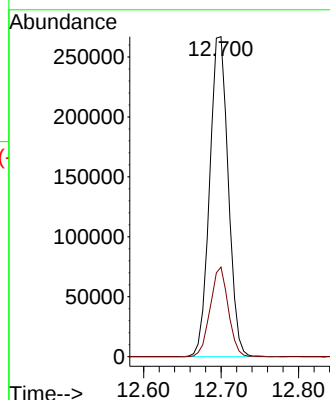
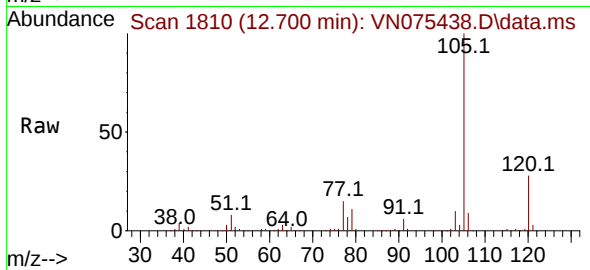
120 27.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#74

N-ethyl acetate

Concen: 50.815 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Tgt Ion: 43 Resp: 136845

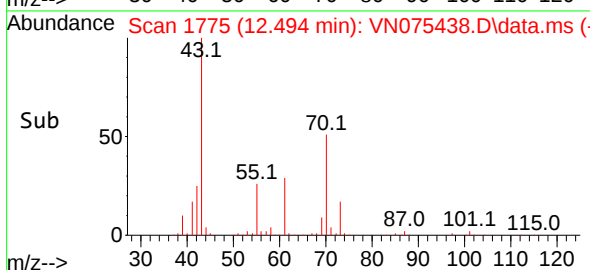
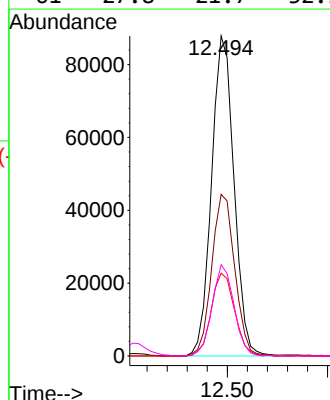
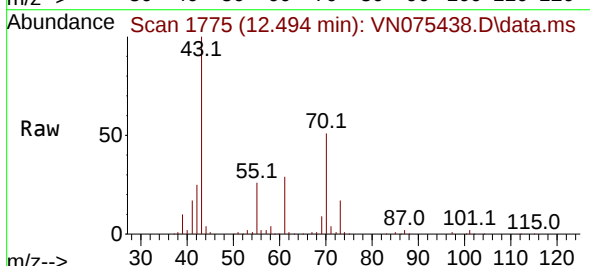
Ion Ratio Lower Upper

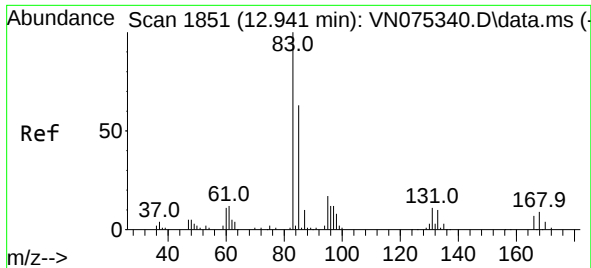
43 100

70 51.7 39.8 59.8

55 27.0 19.9 29.9

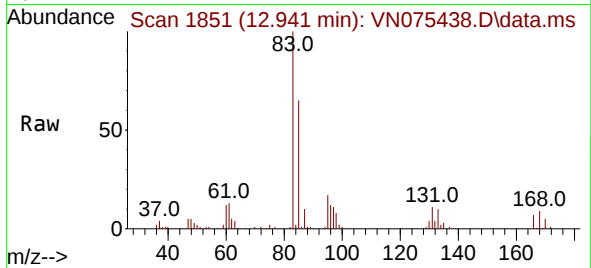
61 27.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 49.121 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

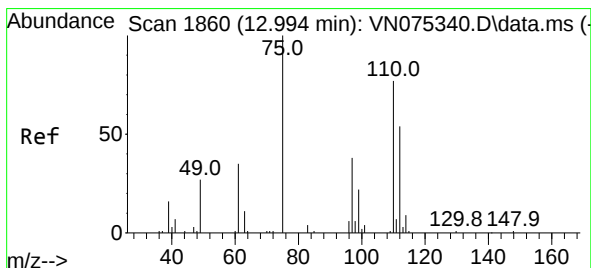
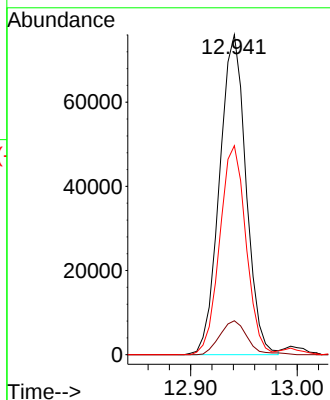
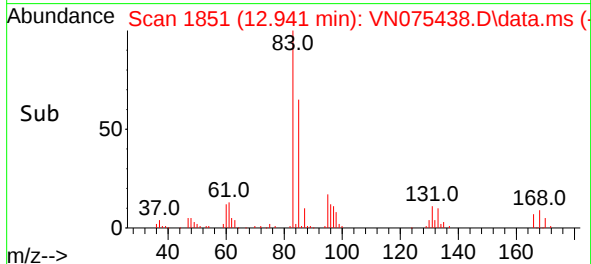
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 131184
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 64.8 31.6 94.7

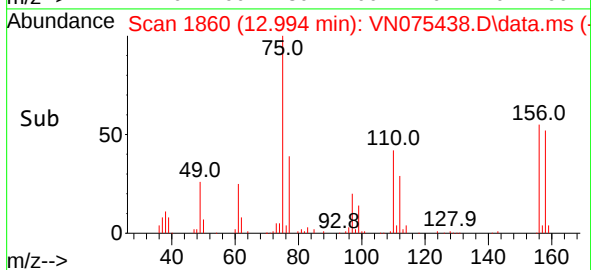
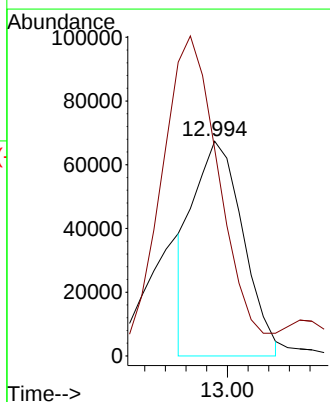
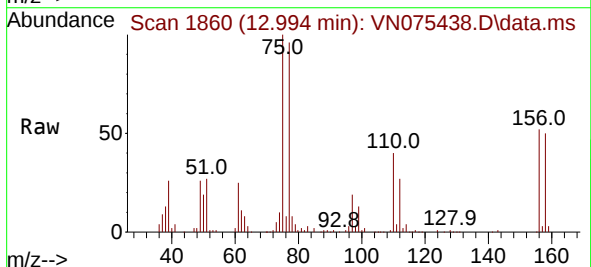
Manual Integrations
APPROVED

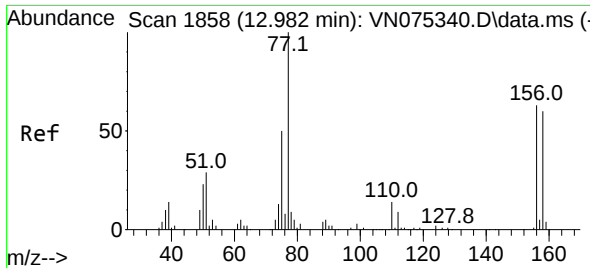
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#76
1,2,3-Trichloropropane
Concen: 49.878 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

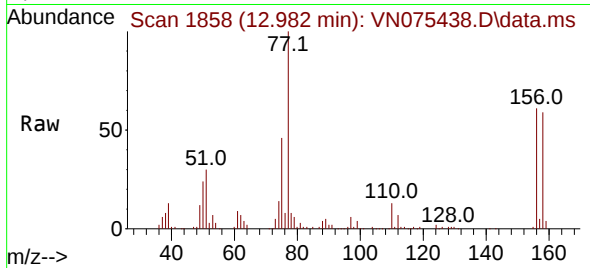
Tgt Ion: 75 Resp: 113070
Ion Ratio Lower Upper
75 100
77 177.6 75.6 226.8





#77
Bromobenzene
Concen: 49.629 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

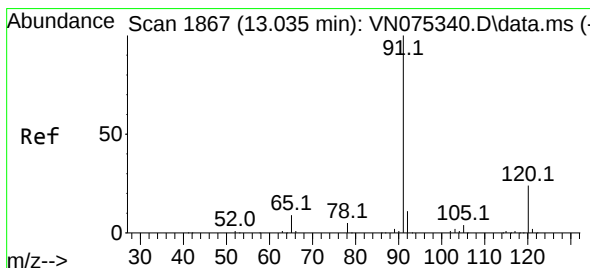
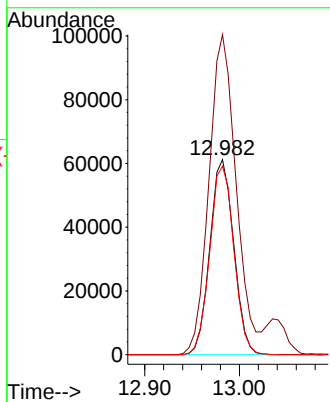
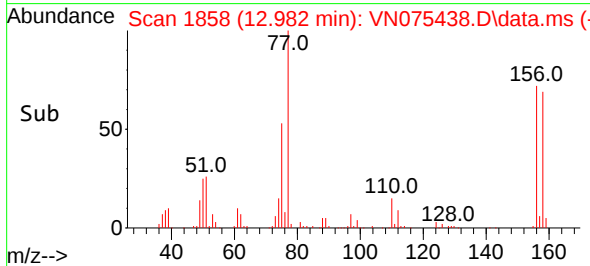
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



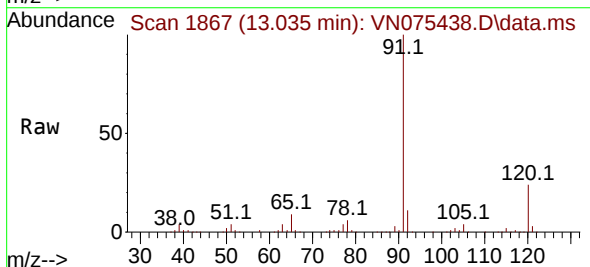
Tgt Ion:156 Resp: 107329
Ion Ratio Lower Upper
156 100
77 187.1 108.5 325.5
158 97.7 47.7 143.1

Manual Integrations
APPROVED

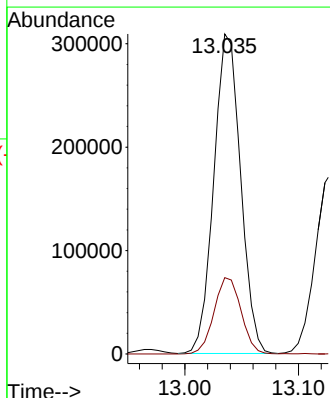
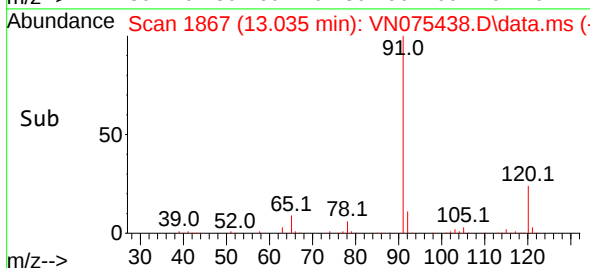
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

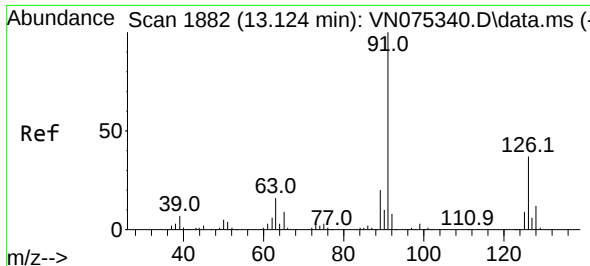


#78
n-propylbenzene
Concen: 51.829 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



Tgt Ion: 91 Resp: 506675
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.580 ug/l

RT: 13.129 min Scan# 1882

Delta R.T. 0.005 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 29792

Ion Ratio Lower Upper

91 100

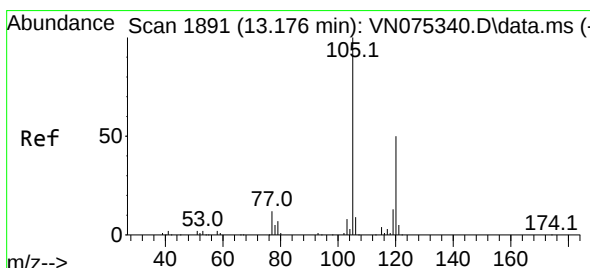
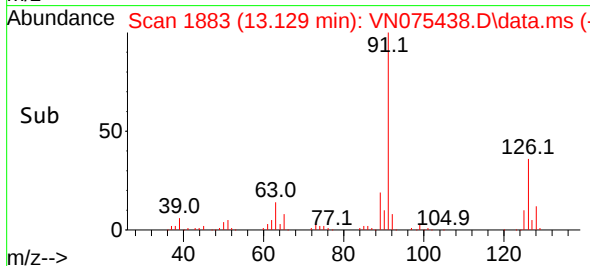
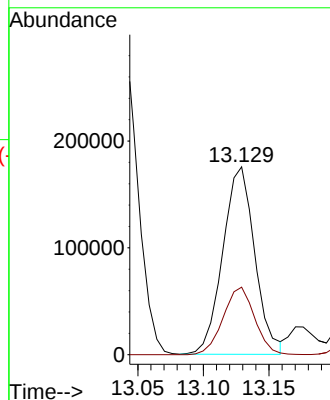
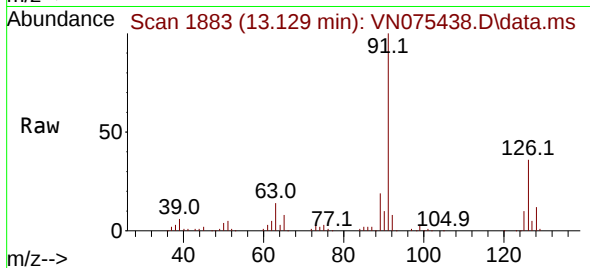
126 35.5 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#80

1,3,5-Trimethylbenzene

Concen: 53.001 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075438.D

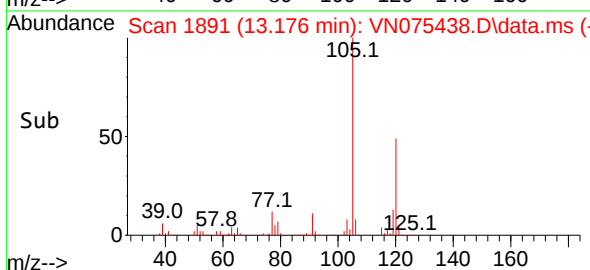
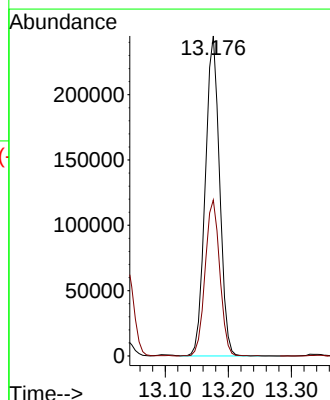
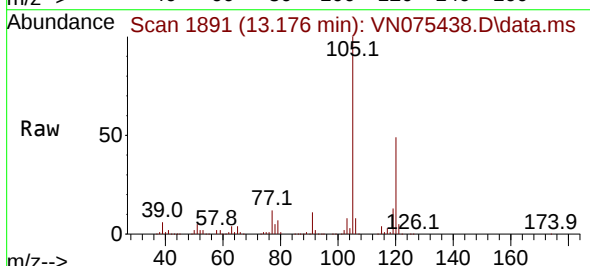
Acq: 28 Nov 2022 10:35

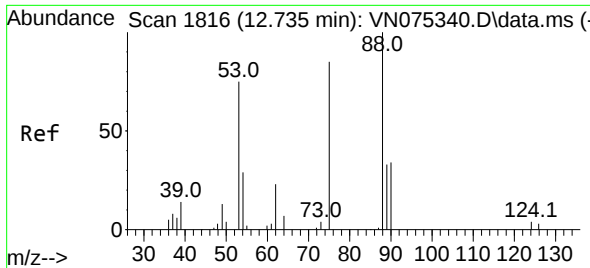
Tgt Ion:105 Resp: 385719

Ion Ratio Lower Upper

105 100

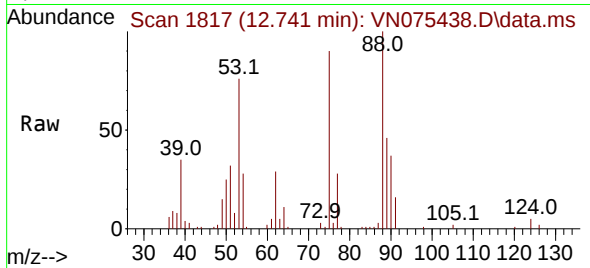
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 53.372 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

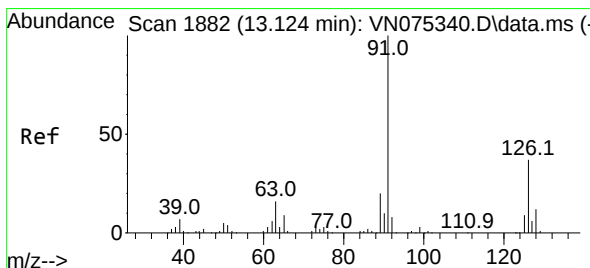
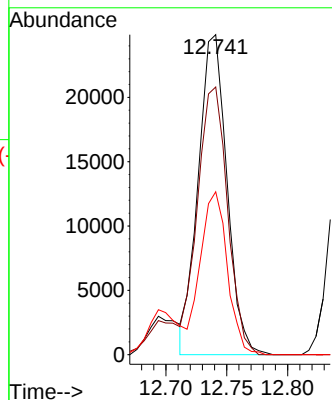
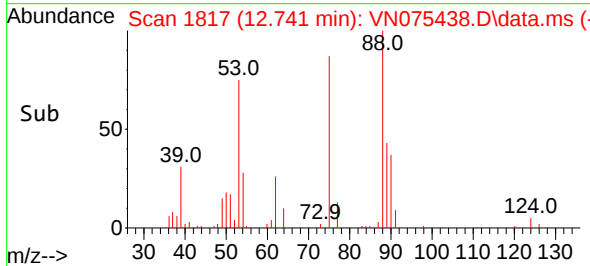
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



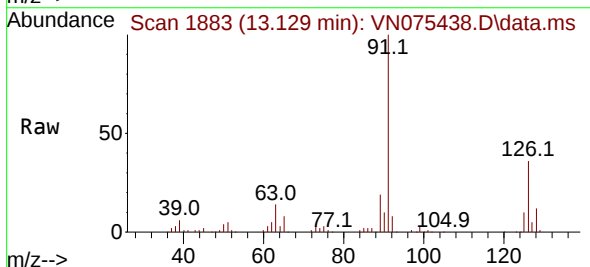
Tgt Ion: 75 Resp: 40892
Ion Ratio Lower Upper
75 100
53 99.0 78.5 117.7
89 47.4 37.7 56.5

Manual Integrations
APPROVED

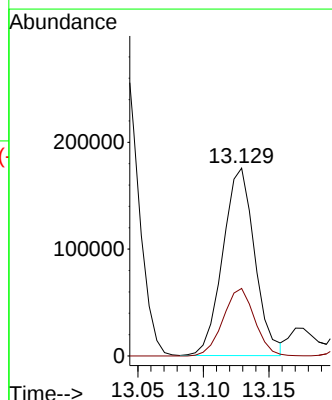
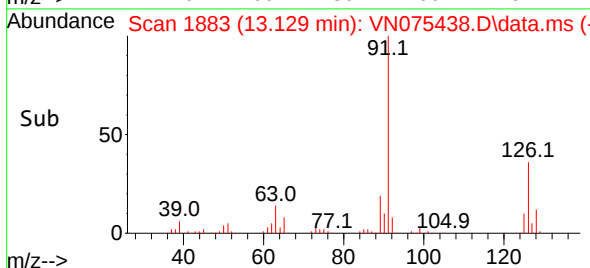
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

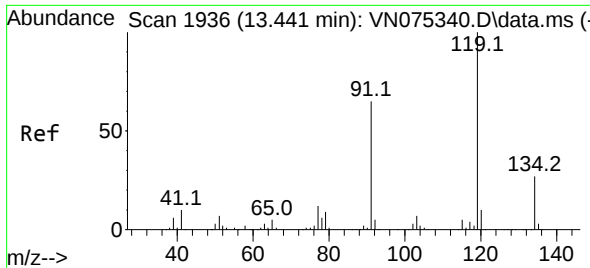


#82
4-Chlorotoluene
Concen: 50.580 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



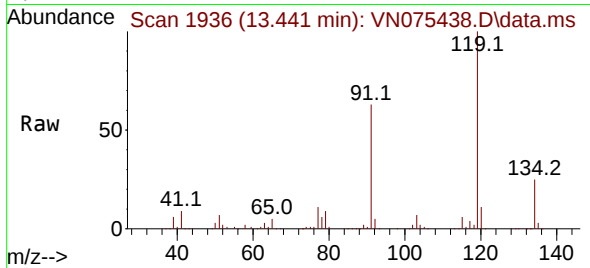
Tgt Ion: 91 Resp: 297925
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.7





#83
tert-Butylbenzene
Concen: 50.857 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

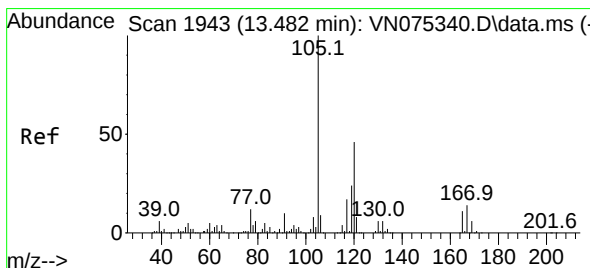
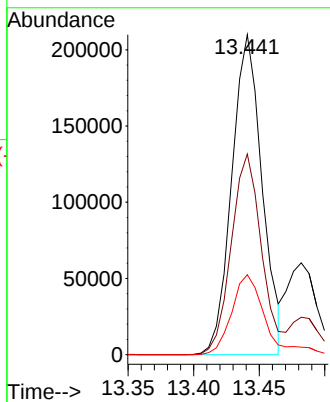
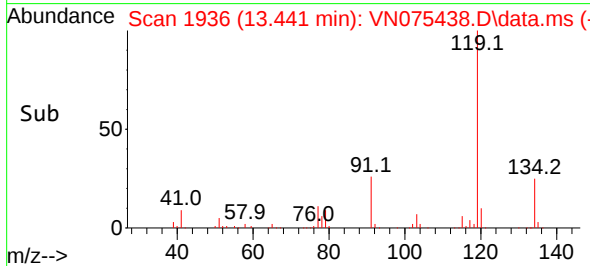
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



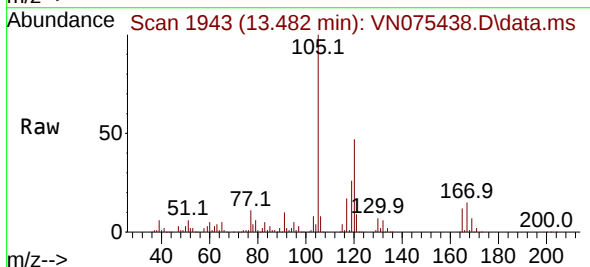
Tgt Ion:119 Resp: 337450
Ion Ratio Lower Upper
119 100
91 63.5 32.8 98.4
134 27.5 12.3 36.9

Manual Integrations
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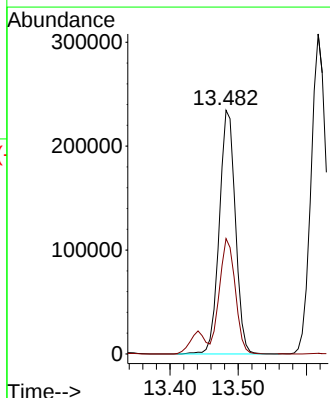
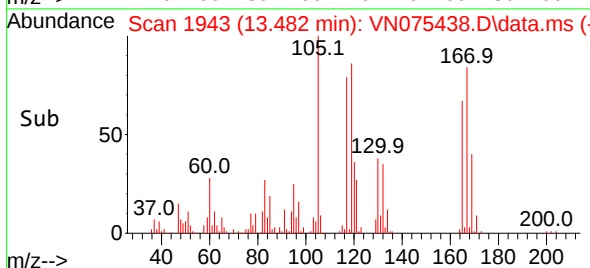
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

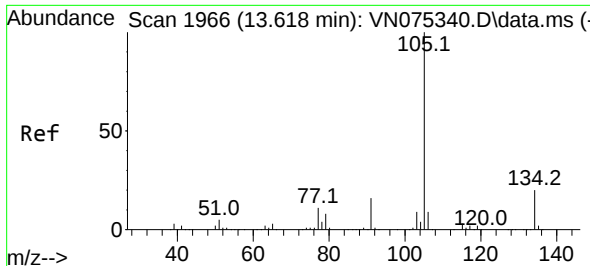


#84
1,2,4-Trimethylbenzene
Concen: 52.698 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35



Tgt Ion:105 Resp: 384687
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





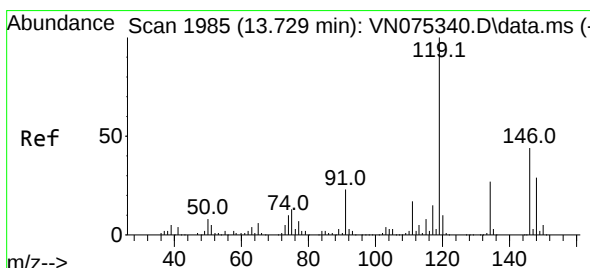
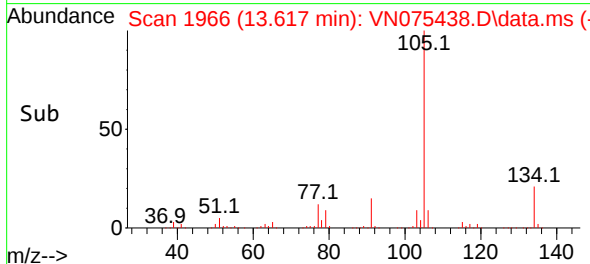
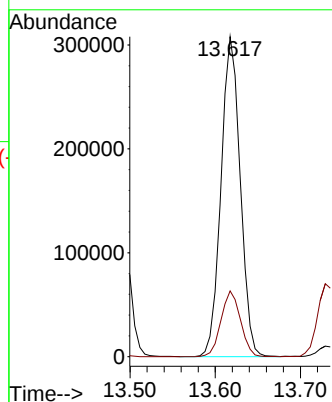
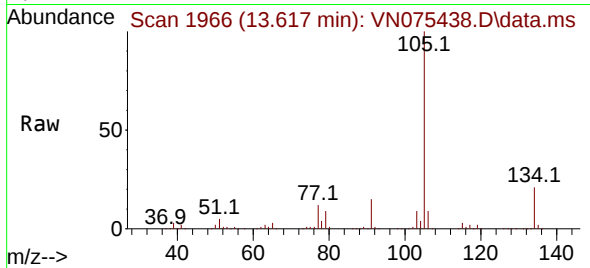
#85
 sec-Butylbenzene
 Concen: 53.609 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 48265
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

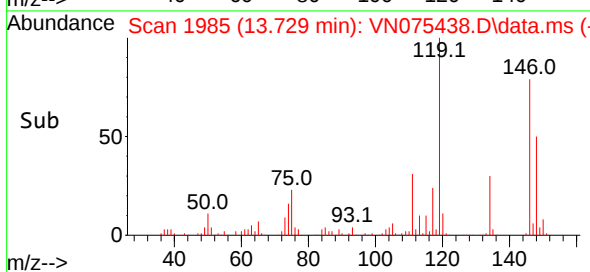
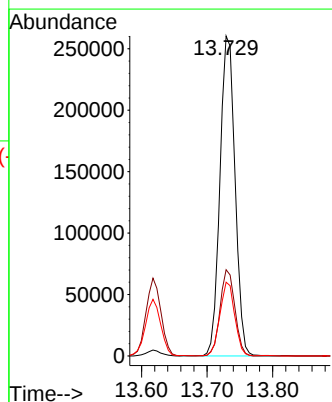
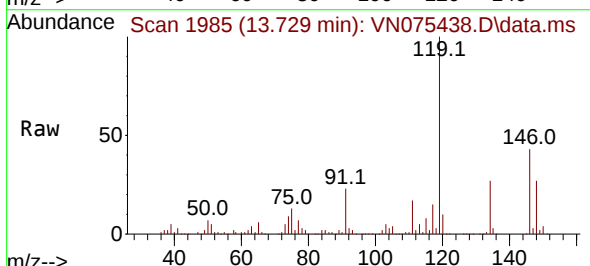
Manual Integrations
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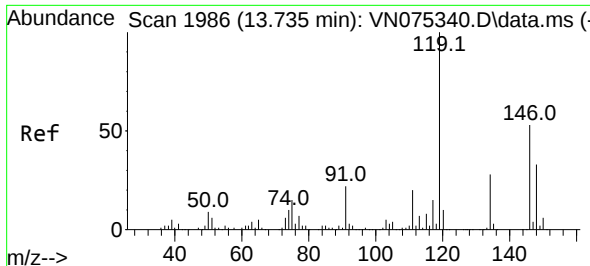
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#86
 p-Isopropyltoluene
 Concen: 54.866 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075438.D
 Acq: 28 Nov 2022 10:35

Tgt Ion:119 Resp: 415614
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.002 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 208970

Ion Ratio Lower Upper

146 100

111 38.7 20.8 62.5

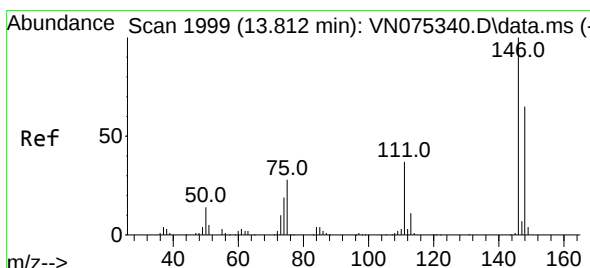
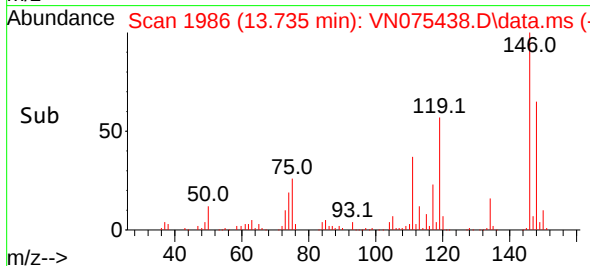
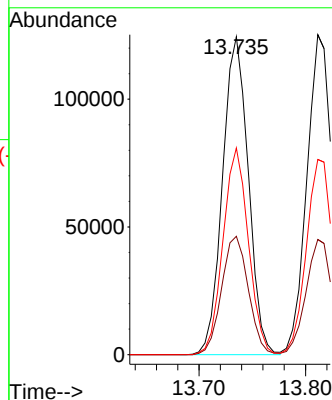
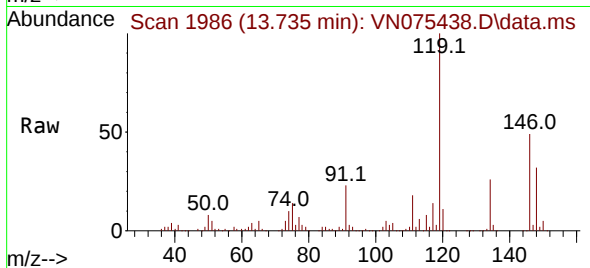
148 64.1 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#88

1,4-Dichlorobenzene

Concen: 50.401 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.001 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

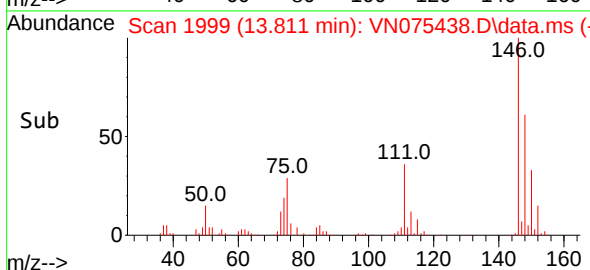
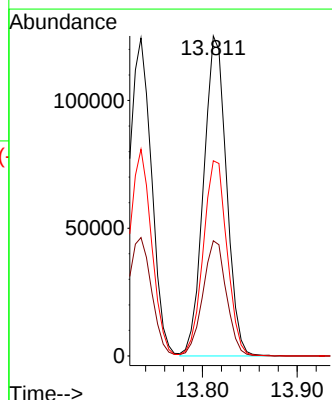
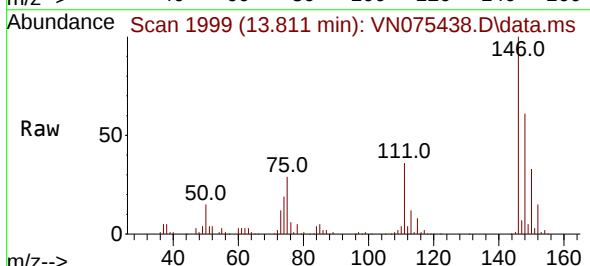
Tgt Ion:146 Resp: 209777

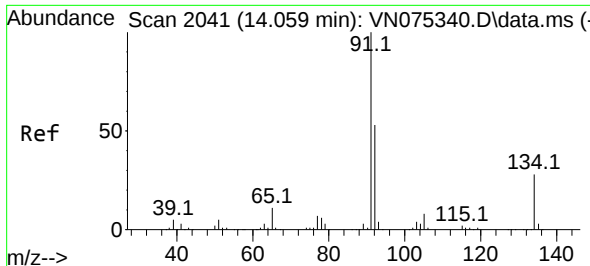
Ion Ratio Lower Upper

146 100

111 37.2 20.1 60.3

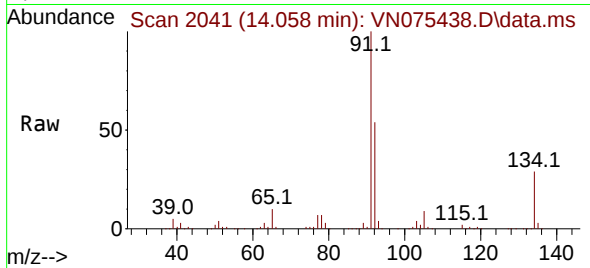
148 63.4 31.9 95.7





#89
n-Butylbenzene
Concen: 52.916 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

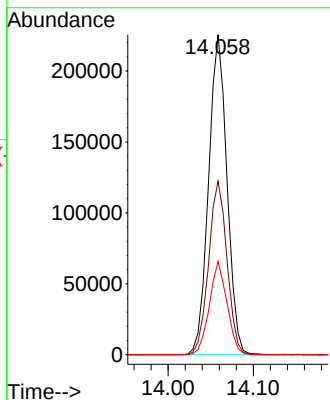
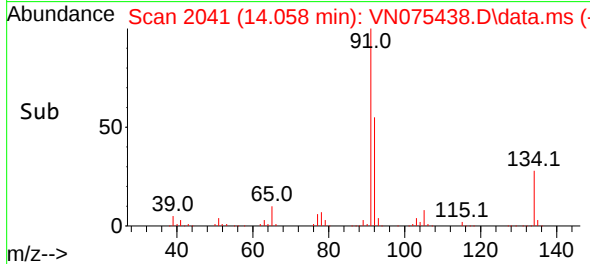
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 33854
Ion Ratio Lower Upper
91 100
92 54.1 26.5 79.4
134 27.9 13.0 39.0

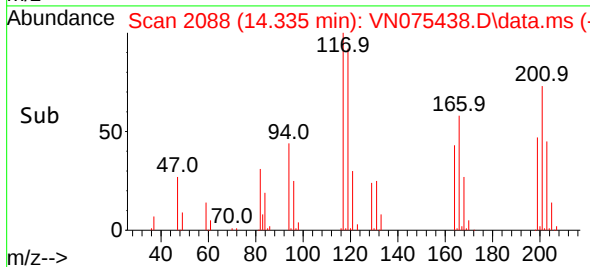
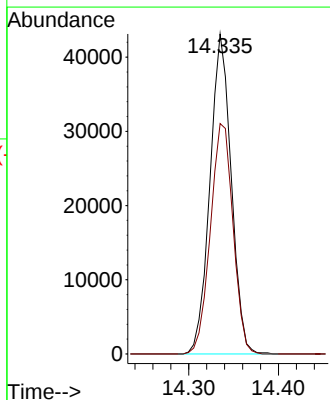
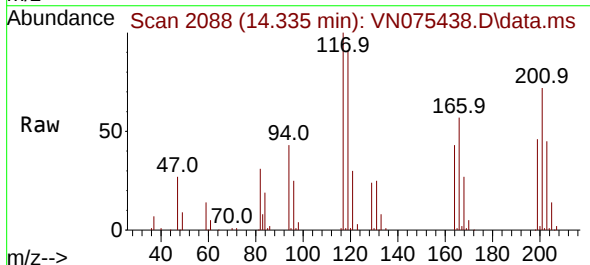
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#90
Hexachloroethane
Concen: 54.306 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion:117 Resp: 70966
Ion Ratio Lower Upper
117 100
201 76.5 31.5 94.5





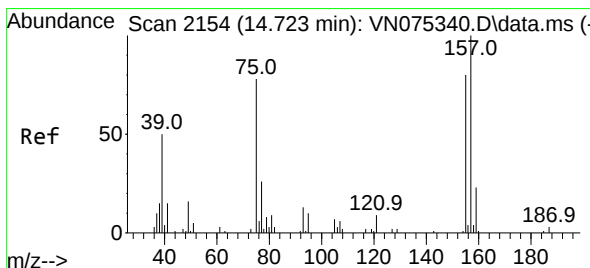
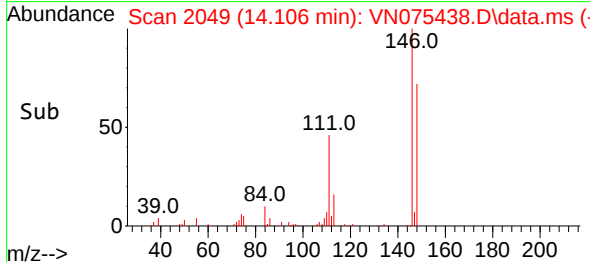
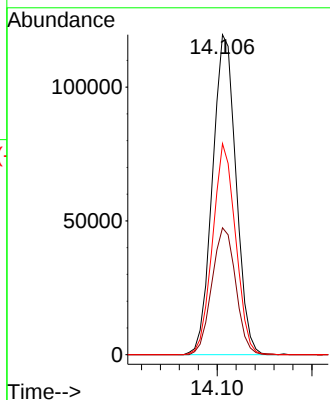
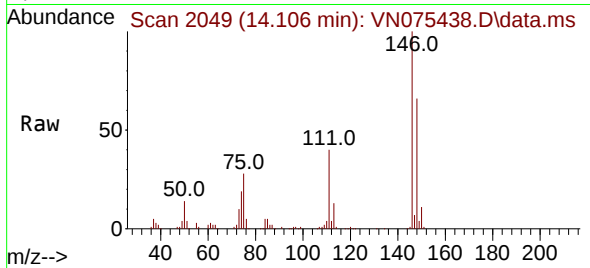
#91
1,2-Dichlorobenzene
Concen: 51.687 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 206430
Ion Ratio Lower Upper
146 100
111 40.1 21.3 63.9
148 64.4 31.4 94.2

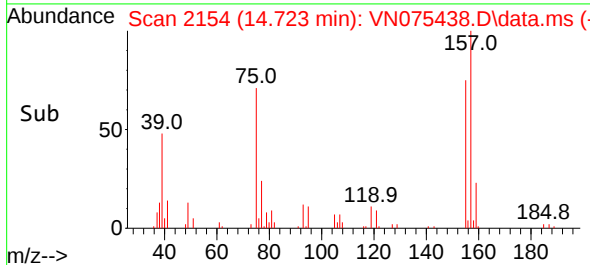
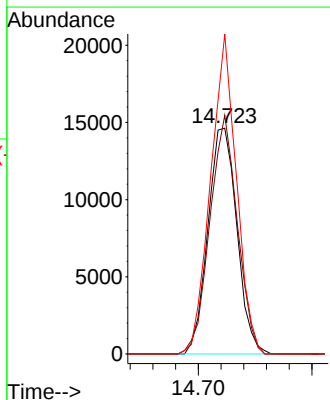
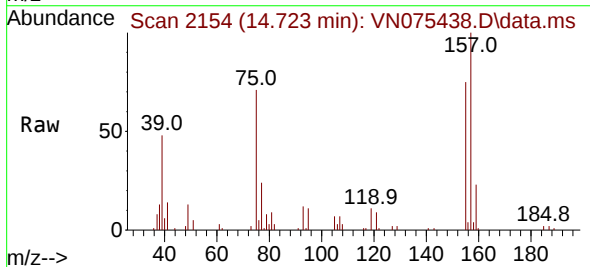
Manual Integrations
APPROVED

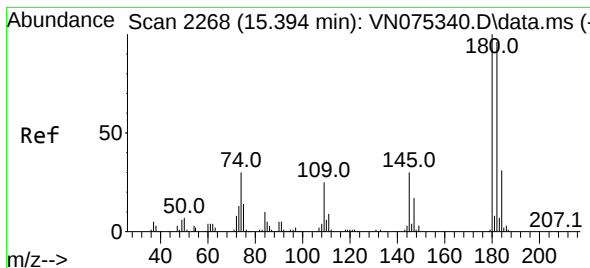
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.252 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075438.D
Acq: 28 Nov 2022 10:35

Tgt Ion: 75 Resp: 25928
Ion Ratio Lower Upper
75 100
155 100.1 42.1 126.3
157 126.4 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 54.754 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 112069

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.4

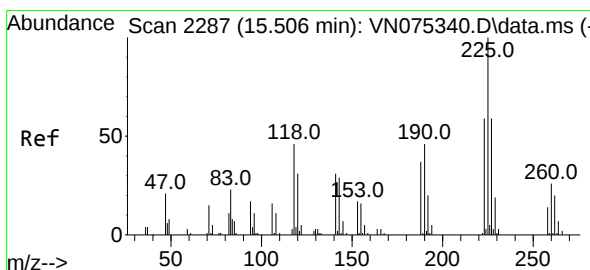
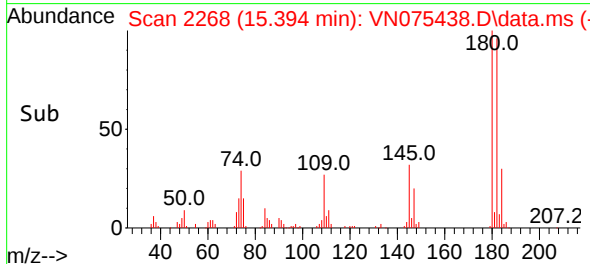
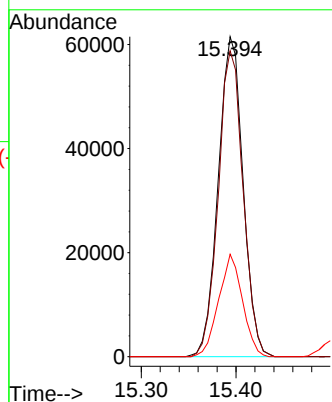
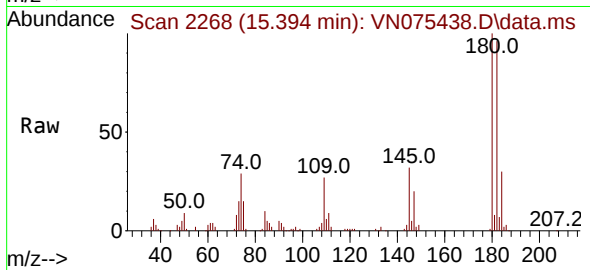
145 30.7 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#94

Hexachlorobutadiene

Concen: 55.870 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

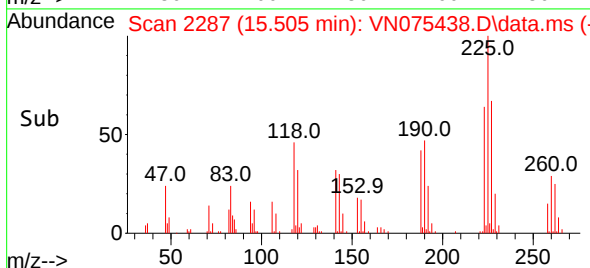
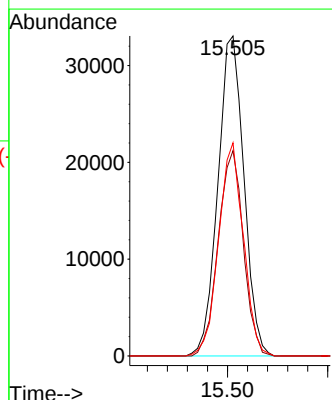
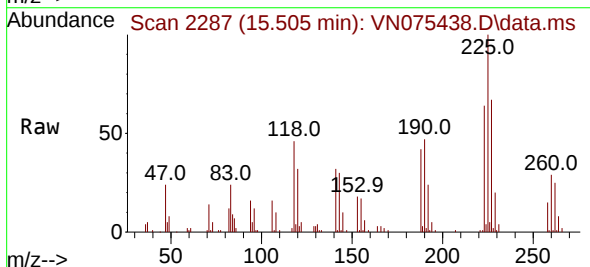
Tgt Ion:225 Resp: 59564

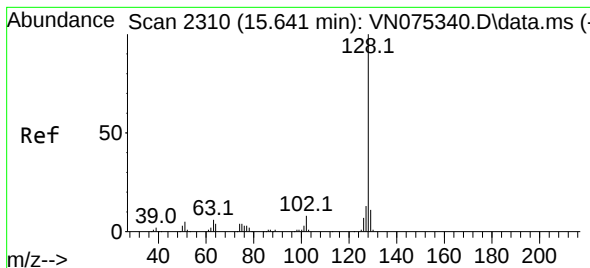
Ion Ratio Lower Upper

225 100

223 62.1 32.3 96.9

227 63.3 32.0 96.2





#95

Naphthalene

Concen: 52.896 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

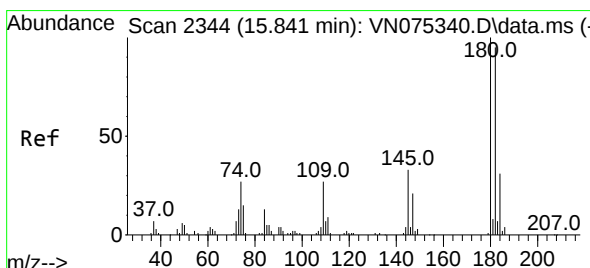
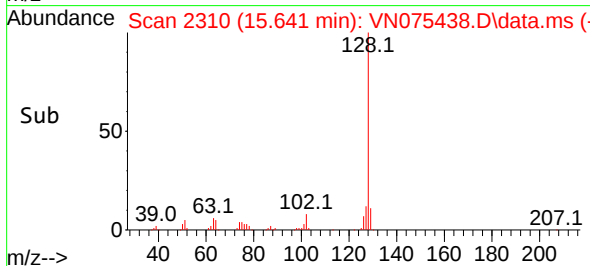
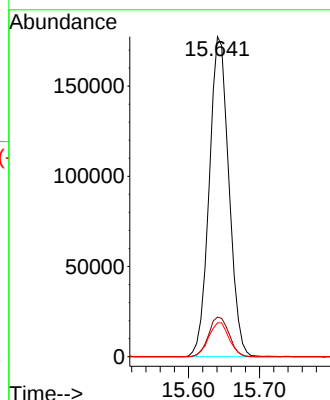
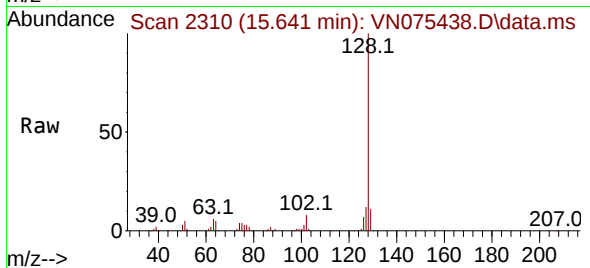
Tgt Ion:128	Resp: 34060
Ion Ratio	Lower Upper
128 100	
127 12.9	10.4 15.6
129 11.1	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#96

1,2,3-Trichlorobenzene

Concen: 53.731 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075438.D

Acq: 28 Nov 2022 10:35

Tgt Ion:180	Resp: 108087
Ion Ratio	Lower Upper
180 100	
182 96.1	47.3 141.8
145 32.6	17.6 52.9

