

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075635.D
 Acq On : 08 Dec 2022 02:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 06:45:18 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	8.230	168	141549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	229806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	48506	63.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 127.680%#			
35) Dibromofluoromethane	8.171	113	61633	62.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.500%#			
50) Toluene-d8	10.571	98	114442	51.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.853	95	89951	54.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	48743	45.034	ug/l	96
3) Chloromethane	2.371	50	75395	55.981	ug/l	98
4) Vinyl Chloride	2.524	62	86891	51.192	ug/l	97
5) Bromomethane	2.918	94	92730	62.127	ug/l	99
6) Chloroethane	3.100	64	72167	56.112	ug/l	95
7) Trichlorofluoromethane	3.489	101	106201	43.797	ug/l	100
8) Diethyl Ether	3.971	74	61518	72.385	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	60964	45.542	ug/l	93
10) Methyl Iodide	4.594	142	138630	63.911	ug/l	95
11) Tert butyl alcohol	5.541	59	103214	323.593	ug/l	100
12) 1,1-Dichloroethene	4.347	96	66403	50.658	ug/l	87
13) Acrolein	4.189	56	95520	343.760	ug/l	100
14) Allyl chloride	5.036	41	100456	59.247	ug/l	95
15) Acrylonitrile	5.730	53	233912	319.646	ug/l	98
16) Acetone	4.442	43	184121	259.793	ug/l	98
17) Carbon Disulfide	4.712	76	166706	48.936	ug/l	95
18) Methyl Acetate	5.036	43	125641	70.861	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	317133	68.296	ug/l	96
20) Methylene Chloride	5.283	84	98069	68.717	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	81259	54.395	ug/l	96
22) Diisopropyl ether	6.688	45	257819	66.632	ug/l	98
23) Vinyl Acetate	6.612	43	1062829m	345.270	ug/l	
24) 1,1-Dichloroethane	6.577	63	151445	60.978	ug/l	97
25) 2-Butanone	7.494	43	294079	297.210	ug/l	96
26) 2,2-Dichloropropane	7.494	77	88286	38.249	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	107240	63.486	ug/l	89
28) Bromochloromethane	7.818	49	68657	68.104	ug/l	85
29) Tetrahydrofuran	7.841	42	194024	322.375	ug/l	97
30) Chloroform	7.971	83	173761	60.924	ug/l	100
31) Cyclohexane	8.259	56	93954	38.920	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	135115	52.176	ug/l	97
36) 1,1-Dichloropropene	8.377	75	98156	45.461	ug/l	96
37) Ethyl Acetate	7.571	43	118845	61.129	ug/l	98
38) Carbon Tetrachloride	8.371	117	114073	48.094	ug/l	98
39) Methylcyclohexane	9.606	83	113148	41.872	ug/l	95
40) Benzene	8.612	78	358740	54.267	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	61998	62.375	ug/l	97
42) 1,2-Dichloroethane	8.677	62	135751	61.315	ug/l	95
43) Isopropyl Acetate	8.694	43	250082	80.139	ug/l	93
44) Trichloroethene	9.353	130	90517	50.041	ug/l	92
45) 1,2-Dichloropropane	9.629	63	92808	58.912	ug/l	94
46) Dibromomethane	9.712	93	73906	62.024	ug/l #	88
47) Bromodichloromethane	9.888	83	142237	61.641	ug/l	96
48) Methyl methacrylate	9.688	41	91431	63.364	ug/l	97
49) 1,4-Dioxane	9.700	88	49918	1218.302	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	630988	317.465	ug/l	98
52) Toluene	10.635	92	226432	53.153	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	144042	62.179	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	148835	59.155	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	107551	61.987	ug/l	97
56) Ethyl methacrylate	10.876	69	159568	68.100	ug/l	98
57) 1,3-Dichloropropane	11.165	76	172207	60.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	250199	296.069	ug/l	95
59) 2-Hexanone	11.200	43	472403	316.522	ug/l	97
60) Dibromochloromethane	11.365	129	121169	68.036	ug/l	99
61) 1,2-Dibromoethane	11.470	107	112908	62.697	ug/l	99
64) Tetrachloroethene	11.106	164	72528	41.328	ug/l	87
65) Chlorobenzene	11.894	112	254352	53.594	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	104356	58.916	ug/l	99
67) Ethyl Benzene	11.970	91	409582	50.586	ug/l	100
68) m/p-Xylenes	12.076	106	335364	101.996	ug/l	98
69) o-Xylene	12.400	106	172547	52.818	ug/l	97
70) Styrene	12.412	104	291288	56.522	ug/l	98
71) Bromoform	12.582	173	92758	68.807	ug/l #	99
73) Isopropylbenzene	12.700	105	408605	47.250	ug/l	97
74) N-amyl acetate	12.500	43	181174	68.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161273	61.170	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	124303m	55.543	ug/l	
77) Bromobenzene	12.982	156	118068	55.303	ug/l	86
78) n-propylbenzene	13.041	91	454115	47.054	ug/l	99
79) 2-Chlorotoluene	13.129	91	289500	49.786	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	361268	50.284	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	43036	56.897	ug/l	93
82) 4-Chlorotoluene	13.129	91	289500	49.786	ug/l	96
83) tert-Butylbenzene	13.441	119	305928	46.702	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	367749	51.029	ug/l	99
85) sec-Butylbenzene	13.617	105	419188	47.162	ug/l	99
86) p-Isopropyltoluene	13.735	119	368240	49.242	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	206403	51.026	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	206478	50.250	ug/l	98
89) n-Butylbenzene	14.059	91	287730	45.555	ug/l	99
90) Hexachloroethane	14.335	117	63299	49.065	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	216050	54.794	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31310	62.692	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	107801	53.351	ug/l	98
94) Hexachlorobutadiene	15.506	225	51445	48.879	ug/l	98
95) Naphthalene	15.647	128	369909	58.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	107773	54.268	ug/l	99

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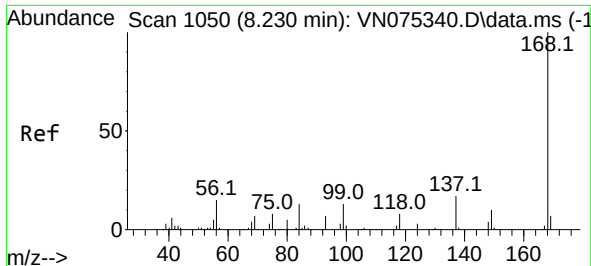
Manual Integrations
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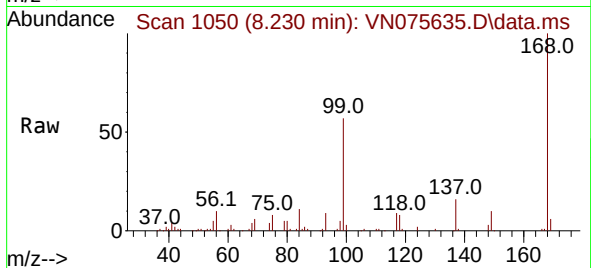
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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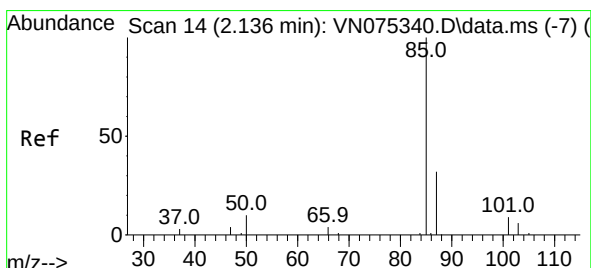
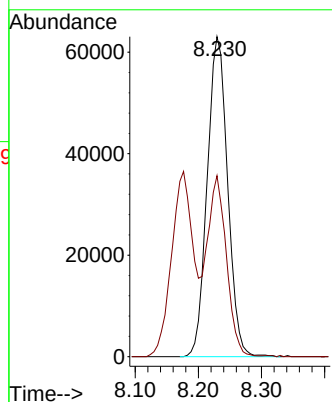
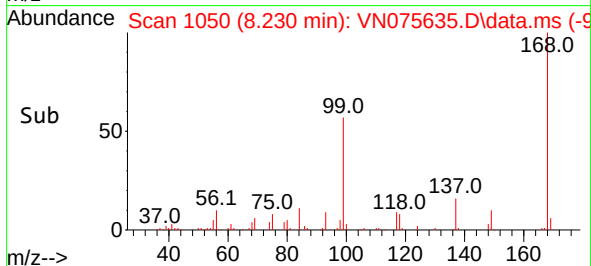
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Tgt Ion:168 Resp: 141549
Ion Ratio Lower Upper
168 100
99 56.1 51.6 77.4

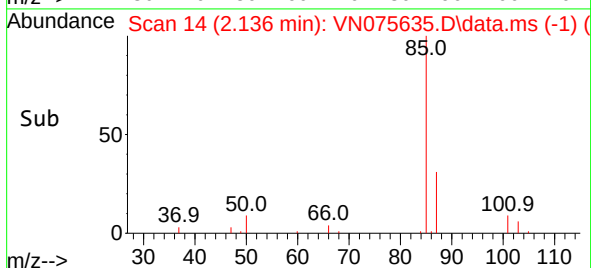
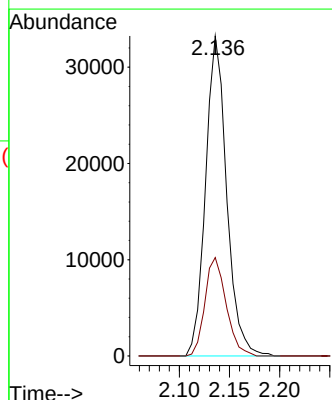
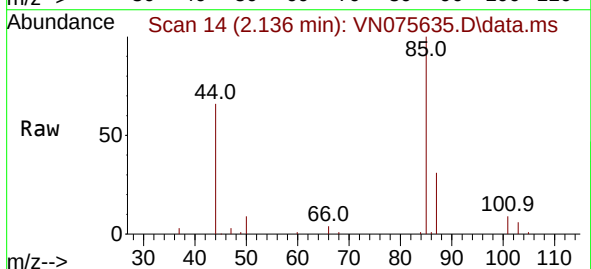
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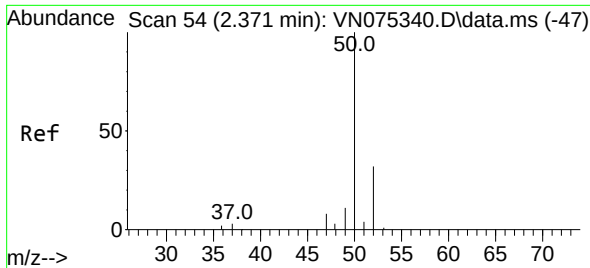
Reviewed By :John Carlone 12/08/2022
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#2
Dichlorodifluoromethane
Concen: 45.034 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Tgt Ion: 85 Resp: 48743
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.0





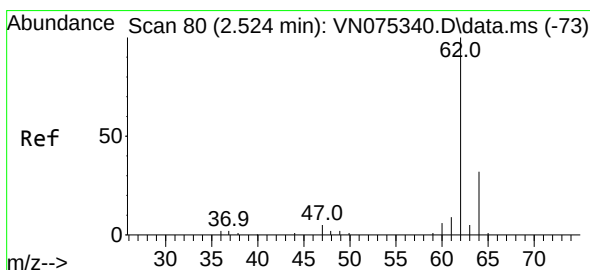
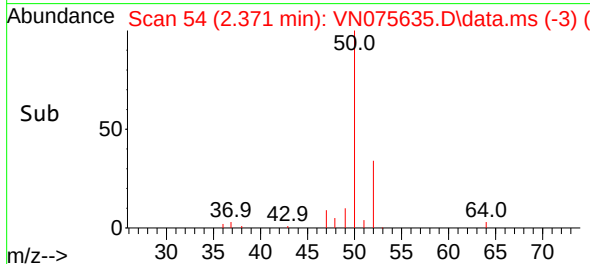
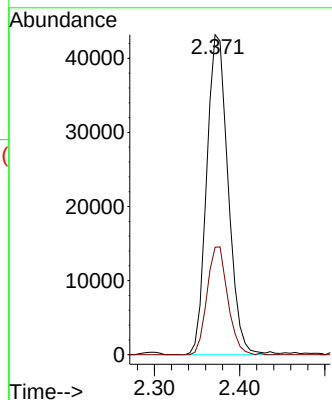
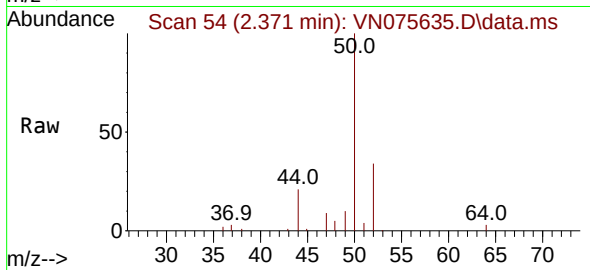
#3
Chloromethane
Concen: 55.981 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075635.D
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Tgt Ion: 50 Resp: 7539
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.6

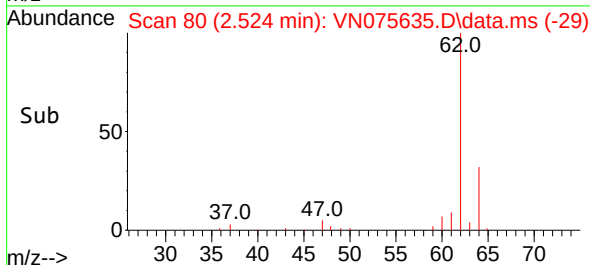
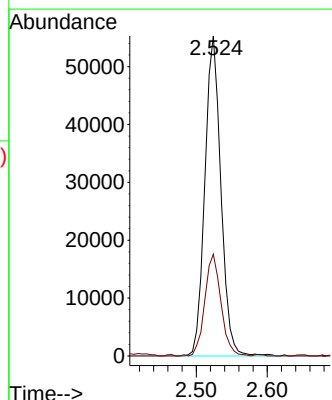
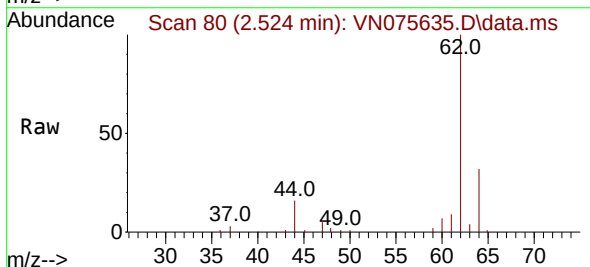
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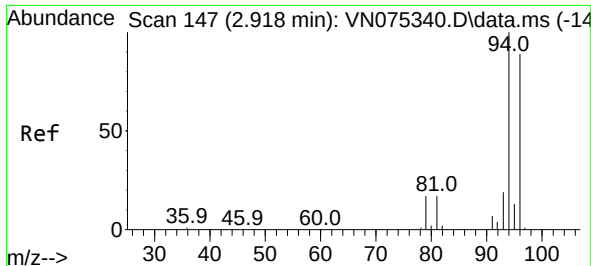
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#4
Vinyl Chloride
Concen: 51.192 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

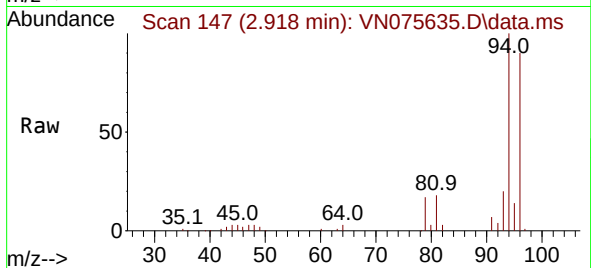
Tgt Ion: 62 Resp: 86891
Ion Ratio Lower Upper
62 100
64 31.8 24.0 36.0





#5
Bromomethane
Concen: 62.127 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

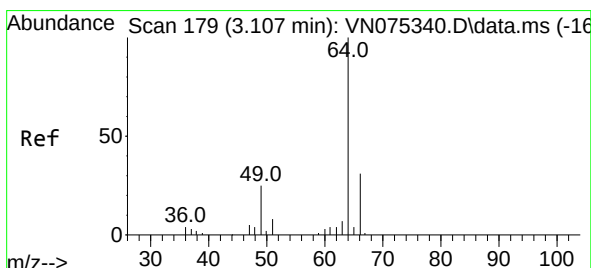
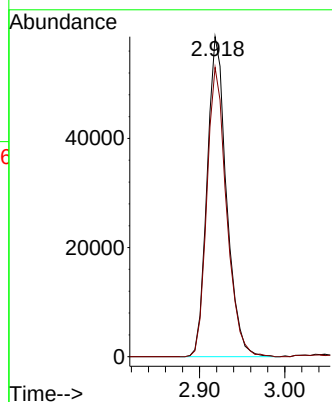
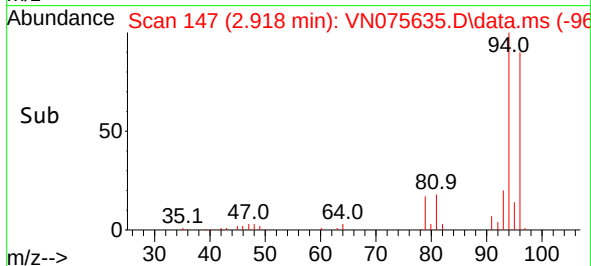
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Tgt Ion: 94 Resp: 92730
Ion Ratio Lower Upper
94 100
96 90.4 71.8 107.6

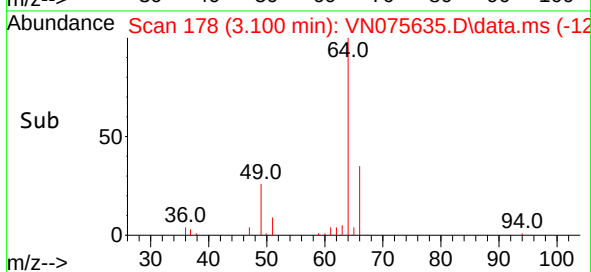
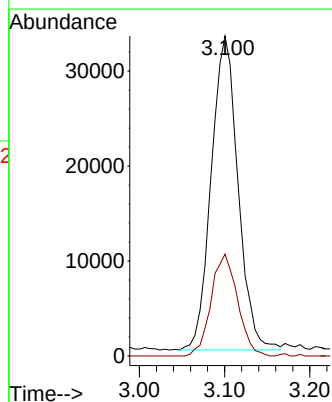
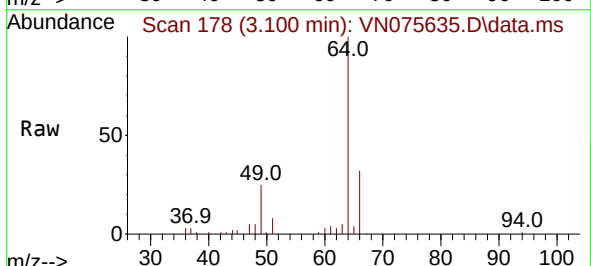
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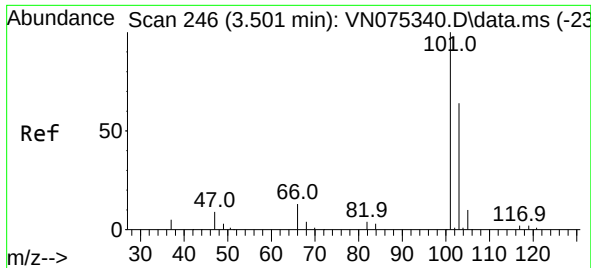
Reviewed By :John Carlone 12/08/2022
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#6
Chloroethane
Concen: 56.112 ug/l
RT: 3.100 min Scan# 178
Delta R.T. -0.007 min
Lab File: VN075635.D
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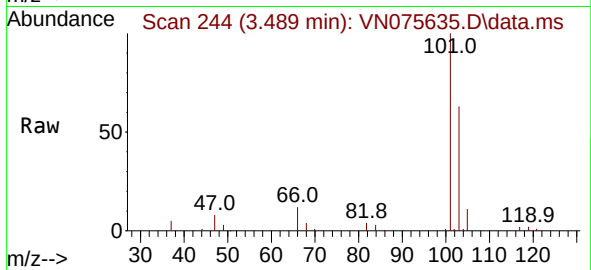
Tgt Ion: 64 Resp: 72167
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8





#7
Trichlorofluoromethane
Concen: 43.797 ug/l
RT: 3.489 min Scan# 246
Delta R.T. -0.012 min
Lab File: VN075635.D
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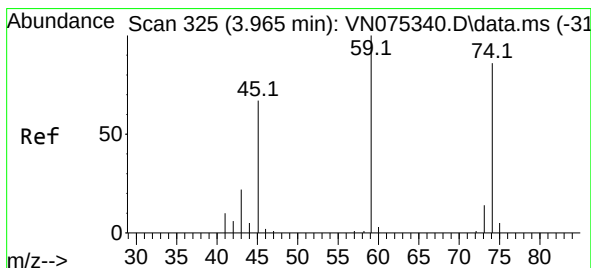
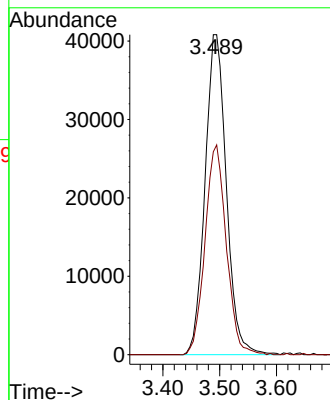
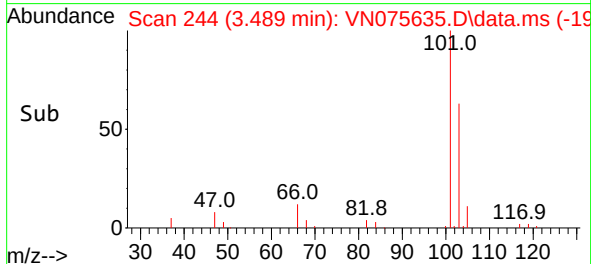
Instrument :
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Tgt Ion:101 Resp: 10620
Ion Ratio Lower Upper
101 100
103 63.4 50.5 75.7

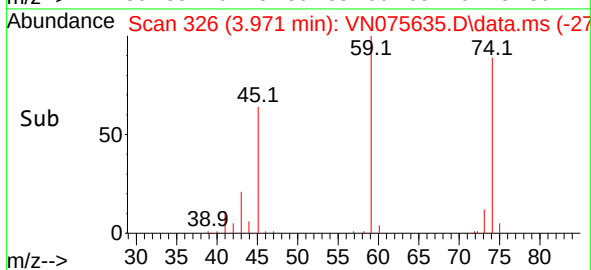
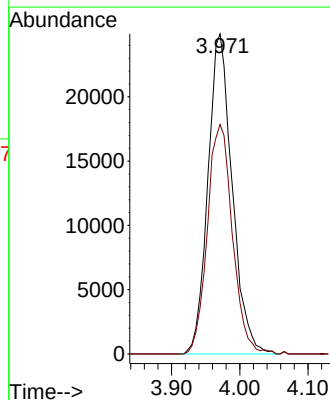
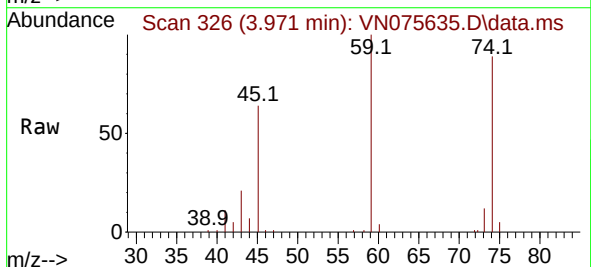
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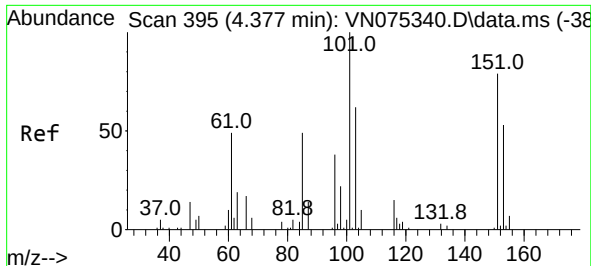
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#8
Diethyl Ether
Concen: 72.385 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Tgt Ion: 74 Resp: 61518
Ion Ratio Lower Upper
74 100
45 74.2 39.3 117.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.542 ug/l
 RT: 4.371 min Scan# 395
 Delta R.T. -0.006 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

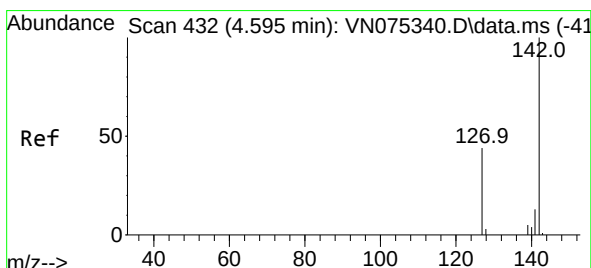
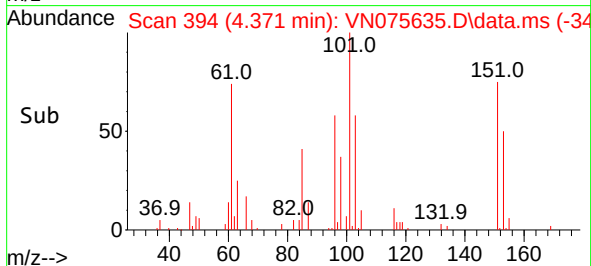
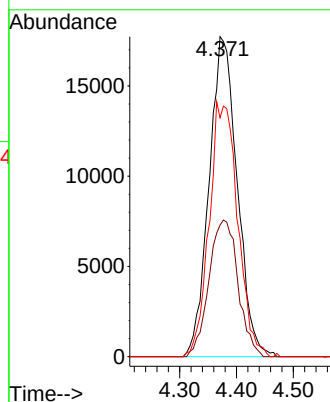
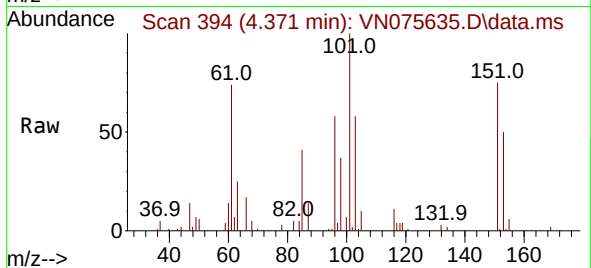
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 60964

Ion	Ratio	Lower	Upper
101	100		
85	44.1	37.6	56.4
151	80.2	58.3	87.5

Manual Integrations
 APPROVED

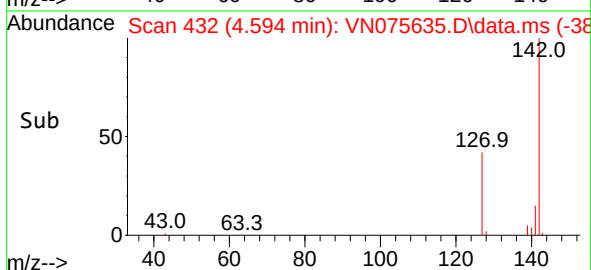
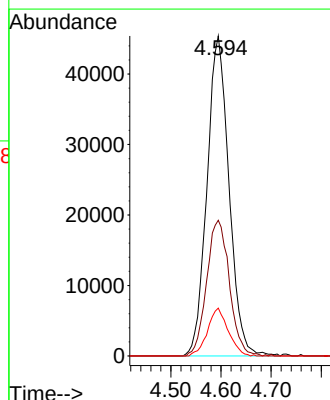
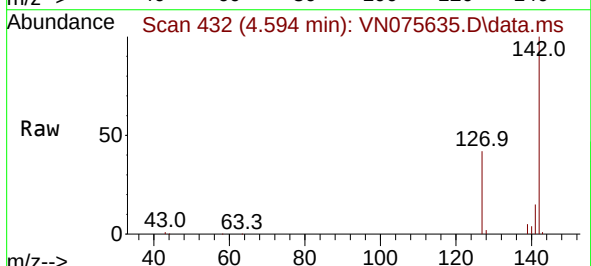
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

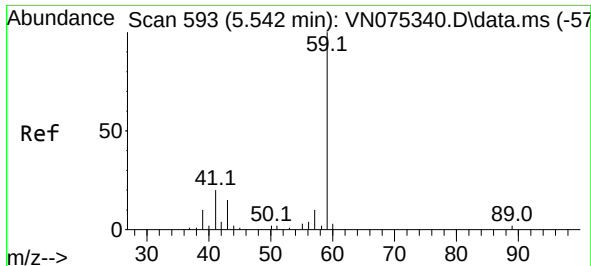


#10
 Methyl Iodide
 Concen: 63.911 ug/l
 RT: 4.594 min Scan# 432
 Delta R.T. -0.001 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

Tgt Ion:142 Resp: 138630

Ion	Ratio	Lower	Upper
142	100		
127	43.7	38.0	57.0
141	14.1	12.2	18.4





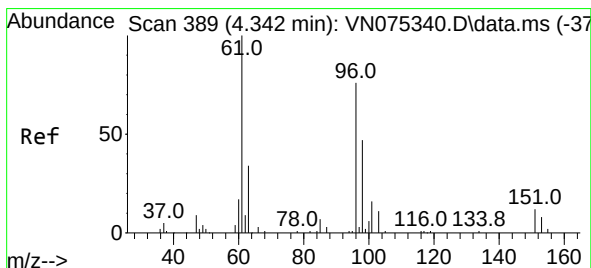
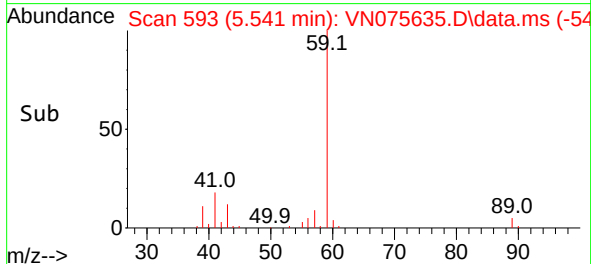
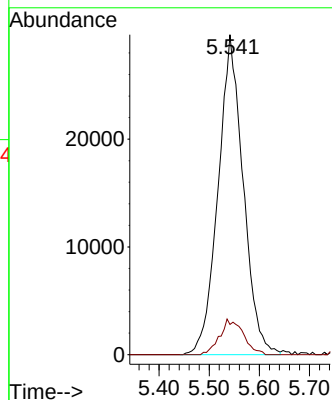
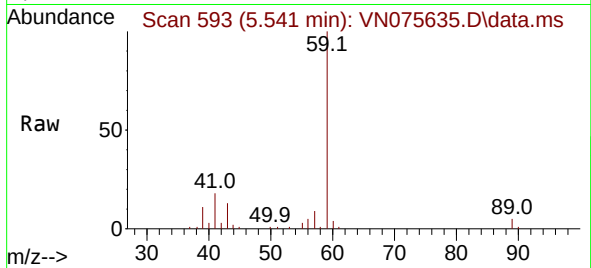
#11
Tert butyl alcohol
Concen: 323.593 ug/l
RT: 5.541 min Scan# 59
Delta R.T. -0.001 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 103214
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

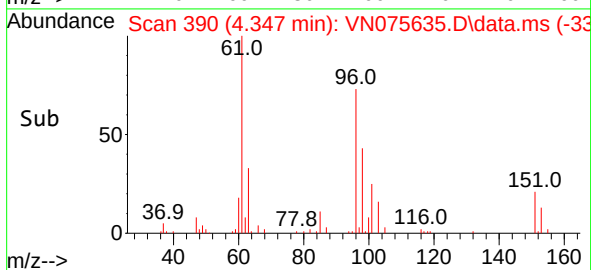
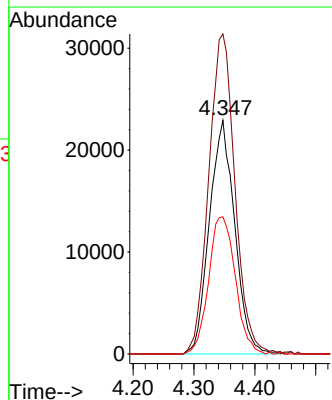
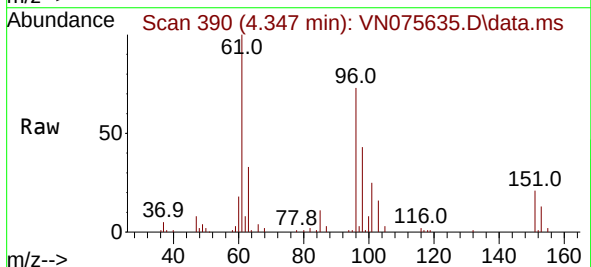
Manual Integrations
APPROVED

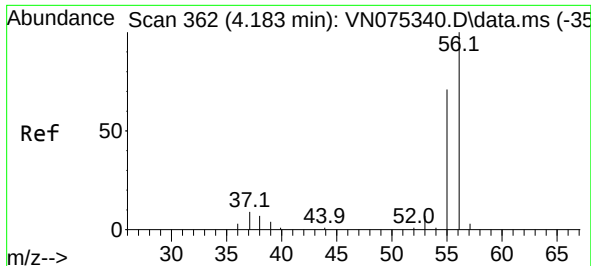
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 50.658 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

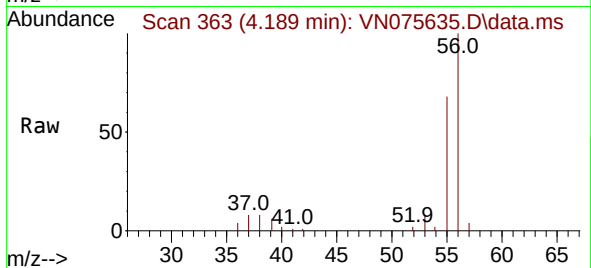
Tgt Ion: 96 Resp: 66403
Ion Ratio Lower Upper
96 100
61 137.0 126.2 189.4
98 58.7 51.5 77.3





#13
Acrolein
Concen: 343.760 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

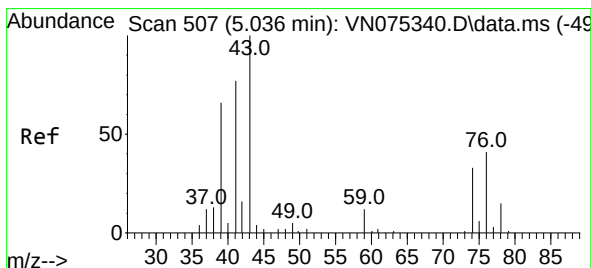
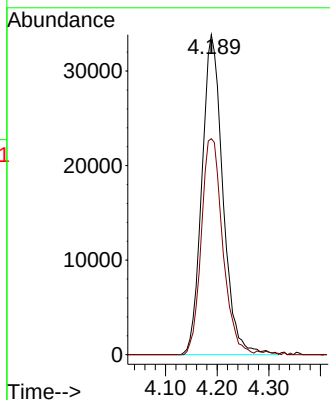
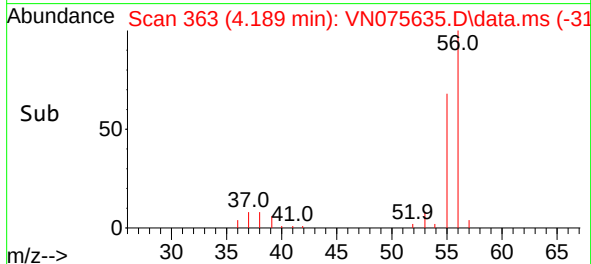
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



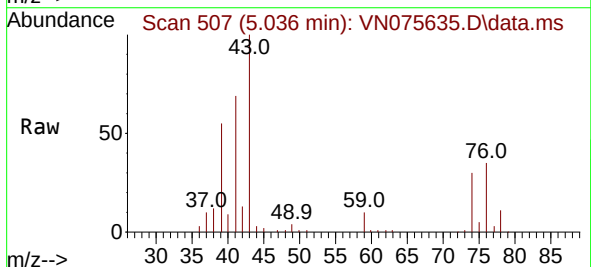
Tgt Ion: 56 Resp: 95520
Ion Ratio Lower Upper
56 100
55 68.8 55.2 82.8

Manual Integrations
APPROVED

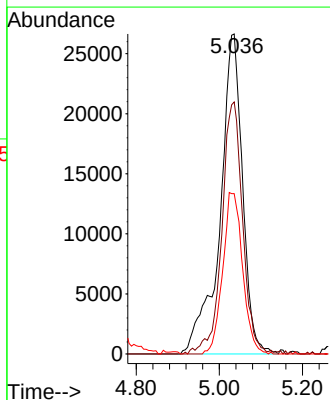
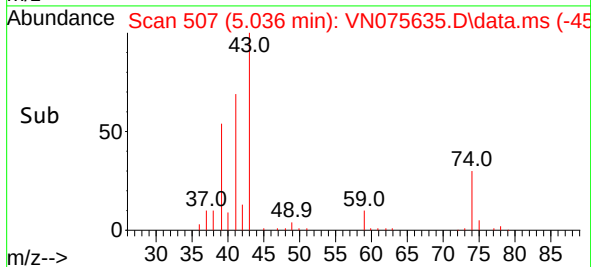
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

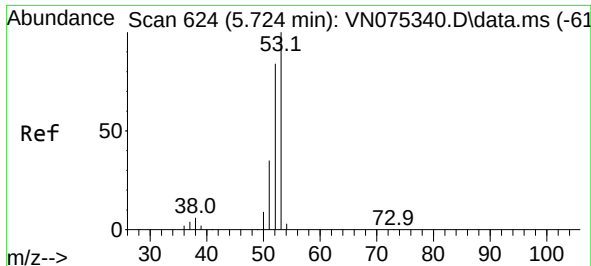


#14
Allyl chloride
Concen: 59.247 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



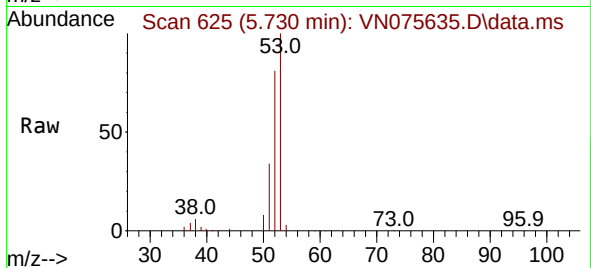
Tgt Ion: 41 Resp: 100456
Ion Ratio Lower Upper
41 100
39 72.2 61.0 91.4
76 44.4 33.4 50.0





#15
Acrylonitrile
Concen: 319.646 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

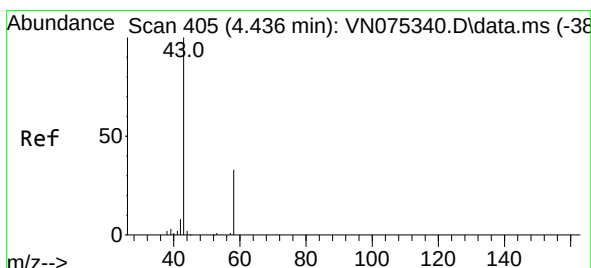
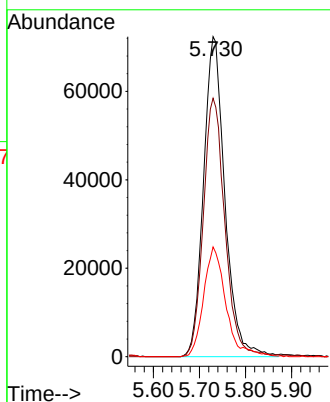
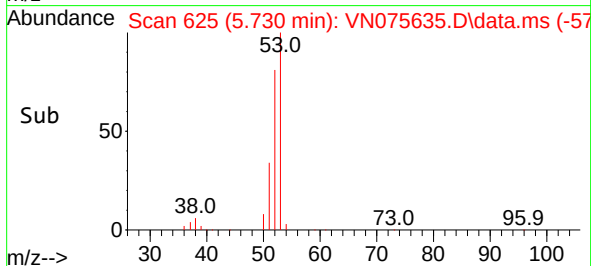
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 233912
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.7 29.6 44.4

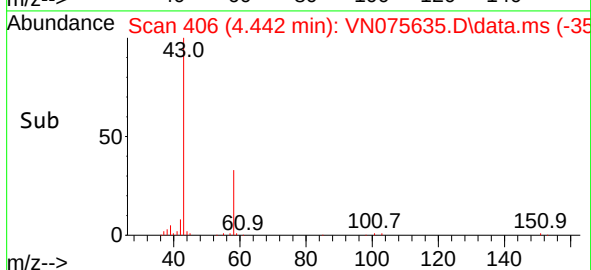
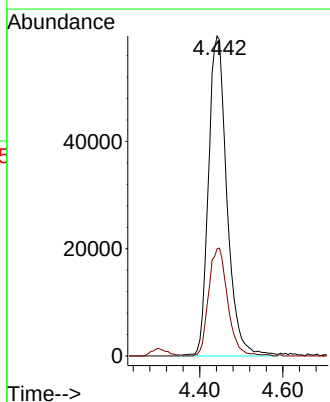
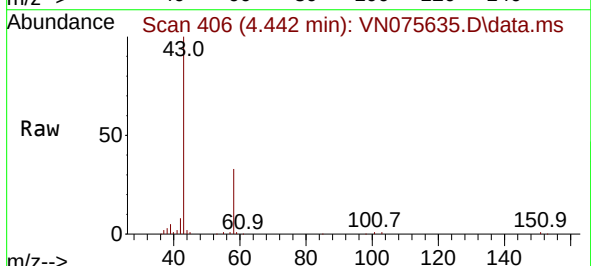
Manual Integrations
APPROVED

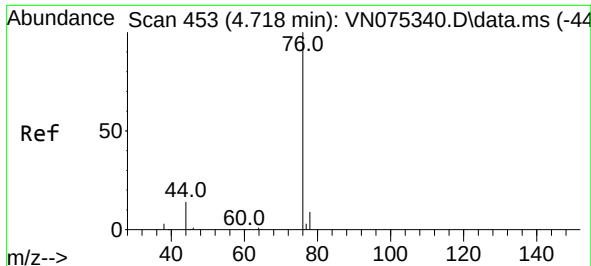
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Acetone
Concen: 259.793 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

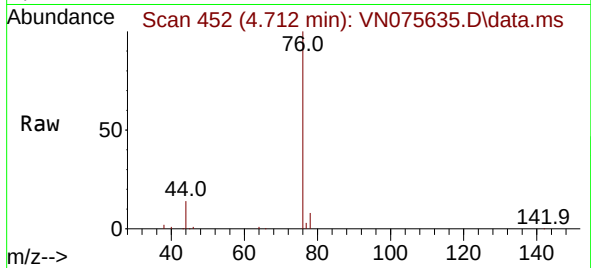
Tgt Ion: 43 Resp: 184121
Ion Ratio Lower Upper
43 100
58 33.2 25.5 38.3





#17
Carbon Disulfide
Concen: 48.936 ug/l
RT: 4.712 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

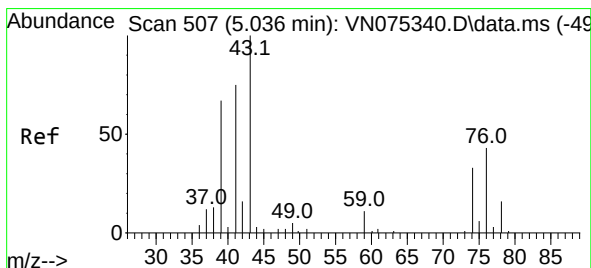
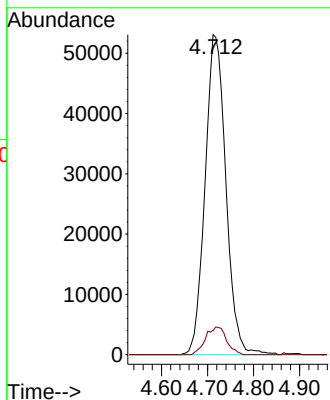
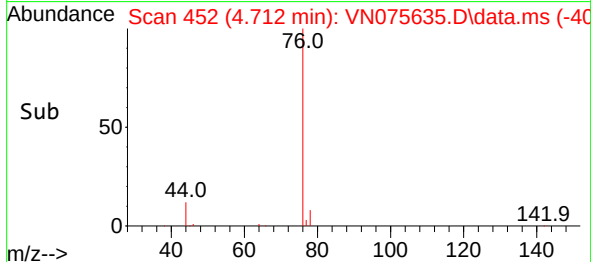
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 166700
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.2

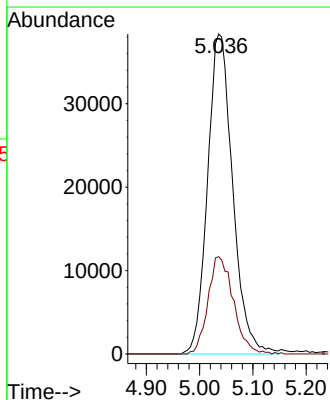
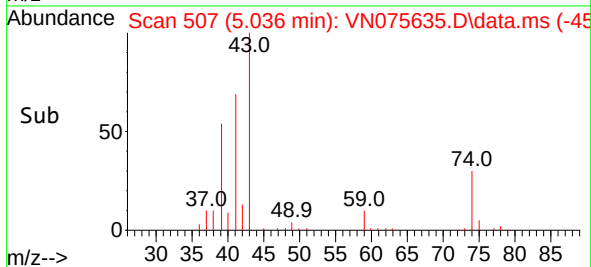
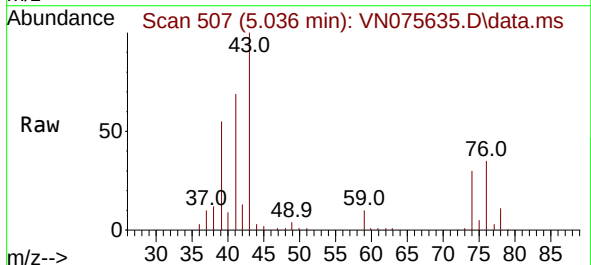
Manual Integrations
APPROVED

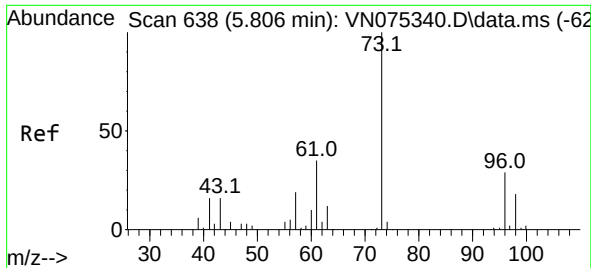
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#18
Methyl Acetate
Concen: 70.861 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Tgt Ion: 43 Resp: 125641
Ion Ratio Lower Upper
43 100
74 30.7 22.0 33.0





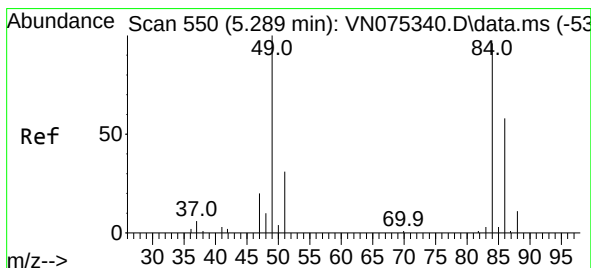
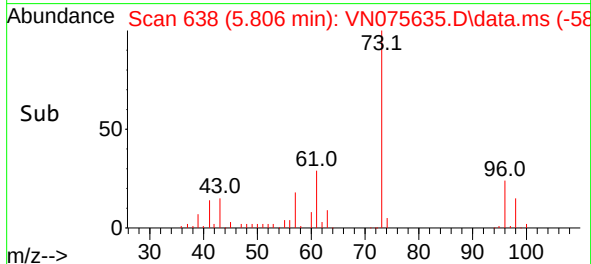
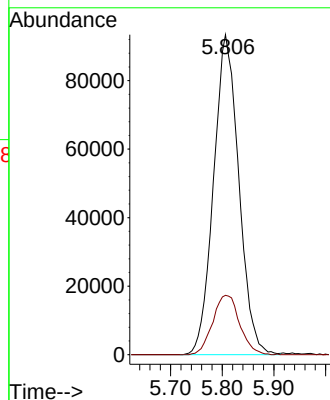
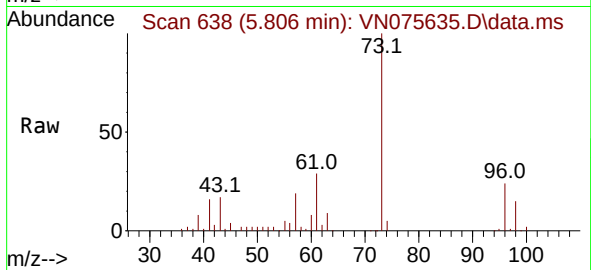
#19
Methyl tert-butyl Ether
Concen: 68.296 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 31713
Ion Ratio Lower Upper
73 100
57 18.6 16.3 24.5

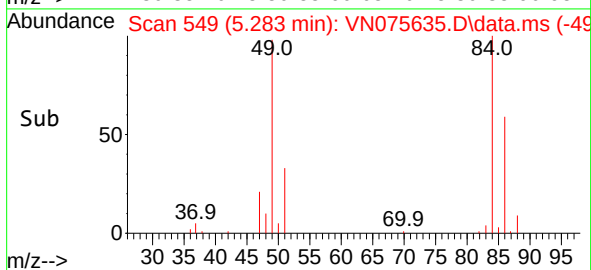
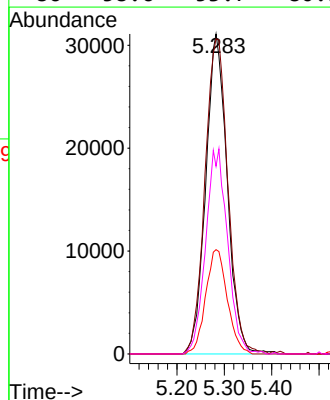
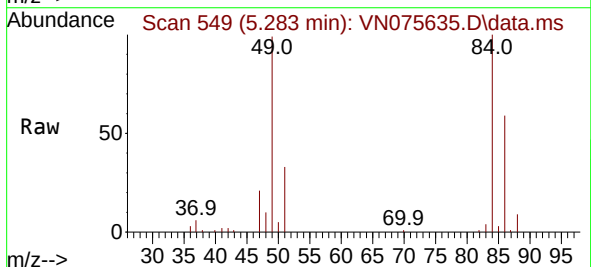
Manual Integrations
APPROVED

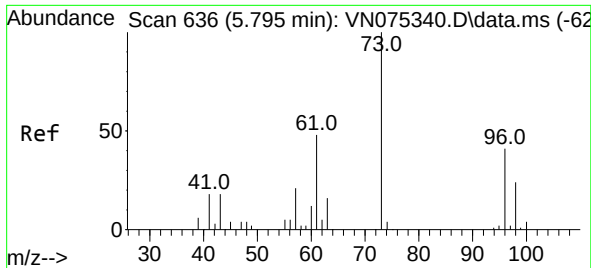
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 68.717 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Tgt Ion: 84 Resp: 98069
Ion Ratio Lower Upper
84 100
49 98.5 94.9 142.3
51 32.6 26.8 40.2
86 58.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 54.395 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

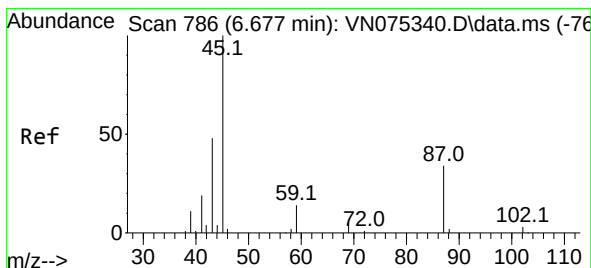
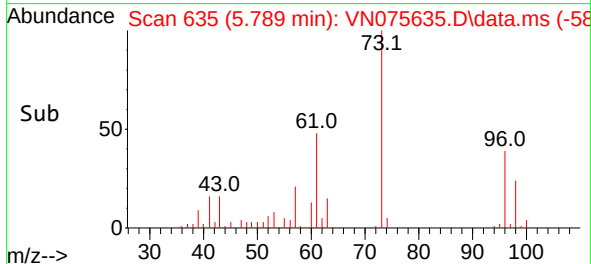
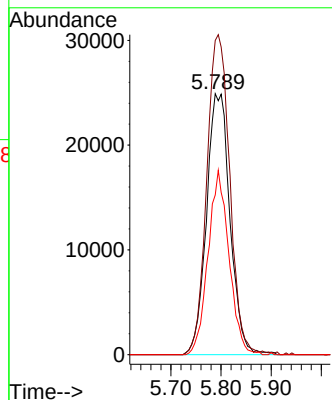
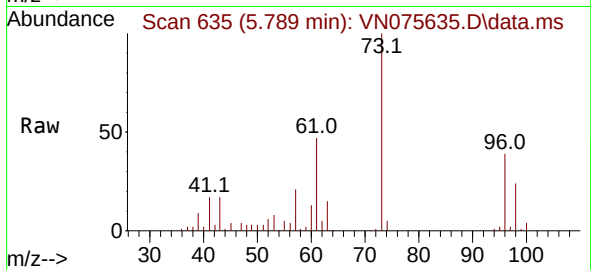
VSTDCCC050EC

Tgt Ion: 96 Resp: 81259
Ion Ratio Lower Upper
96 100
61 120.4 99.9 149.9
98 61.2 51.5 77.3

Manual Integrations

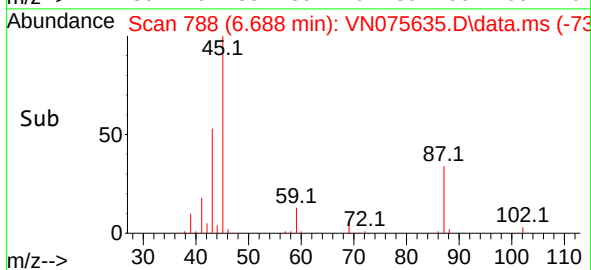
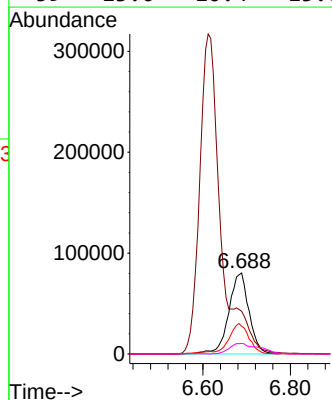
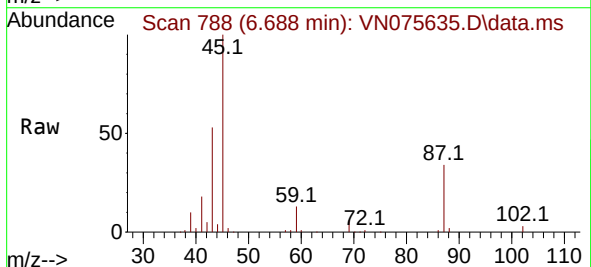
APPROVED

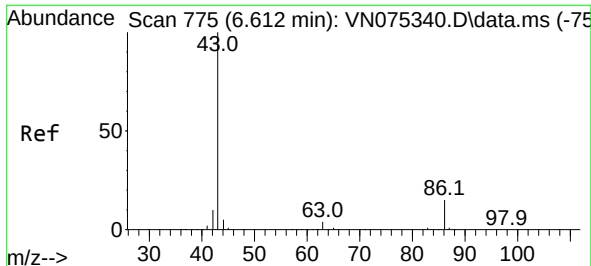
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#22
Diisopropyl ether
Concen: 66.632 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.011 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Tgt Ion: 45 Resp: 257819
Ion Ratio Lower Upper
45 100
43 52.2 42.8 64.2
87 34.1 28.4 42.6
59 13.0 10.4 15.6





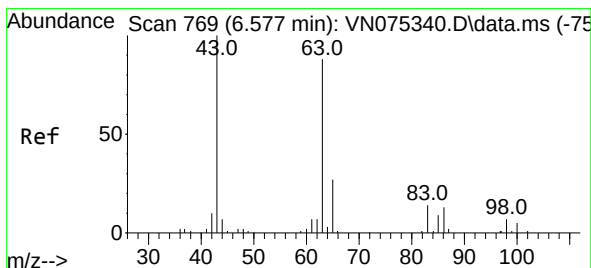
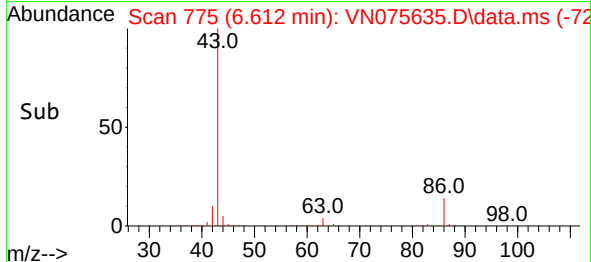
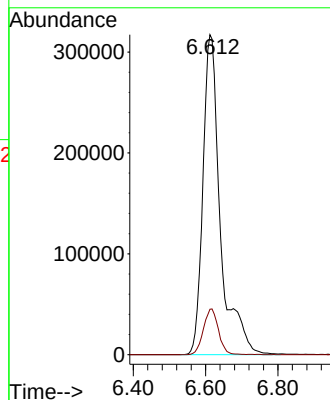
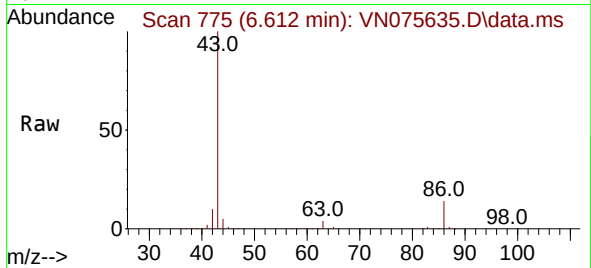
#23
 Vinyl Acetate
 Concen: 345.270 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1062829
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.7 16.1

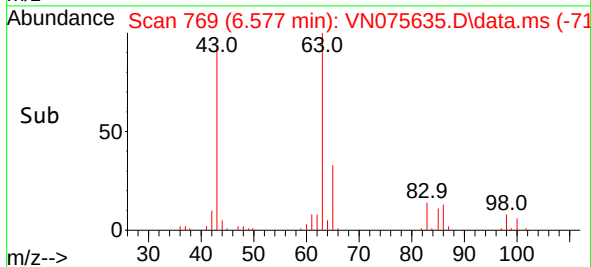
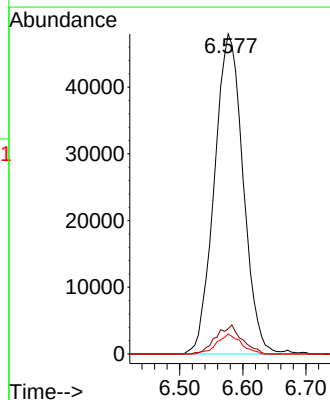
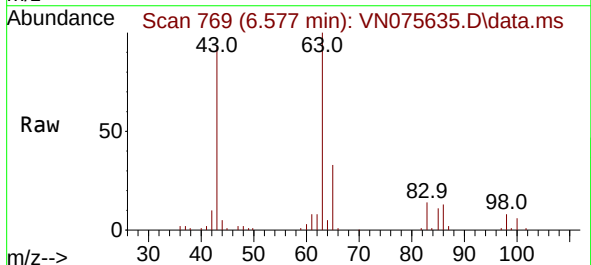
Manual Integrations
 APPROVED

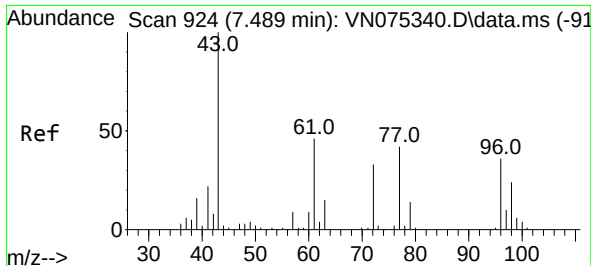
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#24
 1,1-Dichloroethane
 Concen: 60.978 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

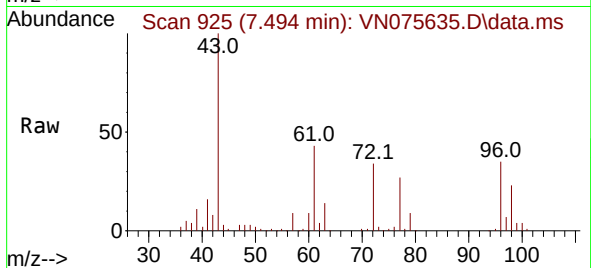
Tgt Ion: 63 Resp: 151445
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 6.2 2.4 7.2





#25
2-Butanone
Concen: 297.210 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

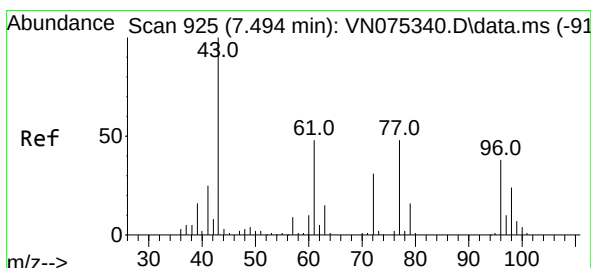
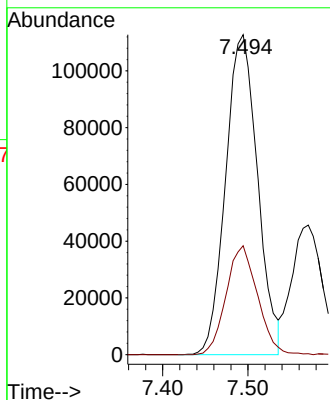
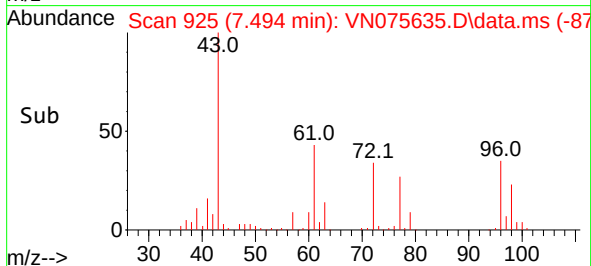
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 294079
Ion Ratio Lower Upper
43 100
72 34.1 25.5 38.3

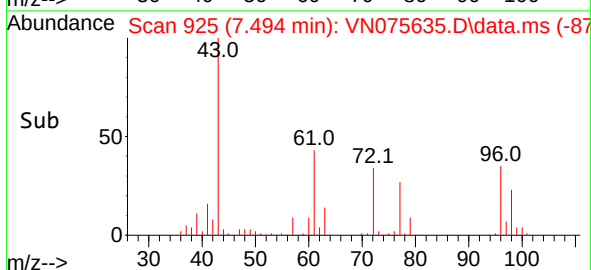
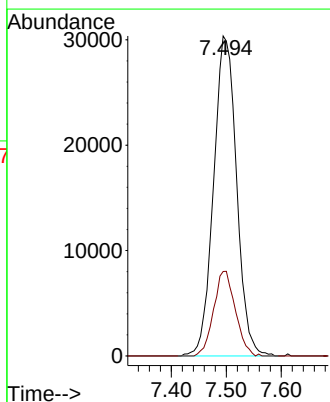
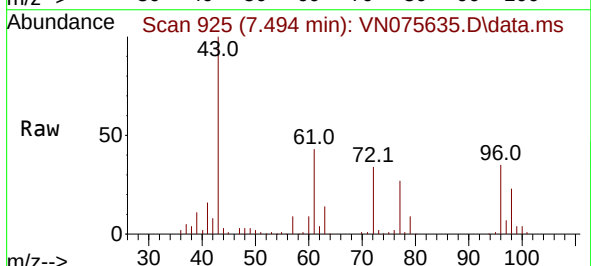
Manual Integrations
APPROVED

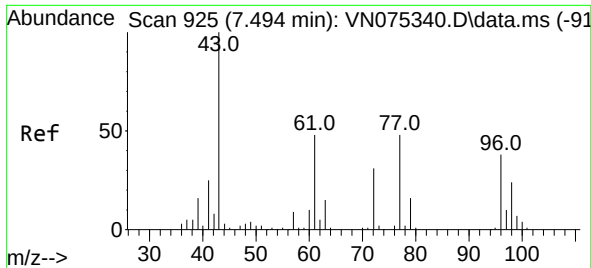
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#26
2,2-Dichloropropane
Concen: 38.249 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

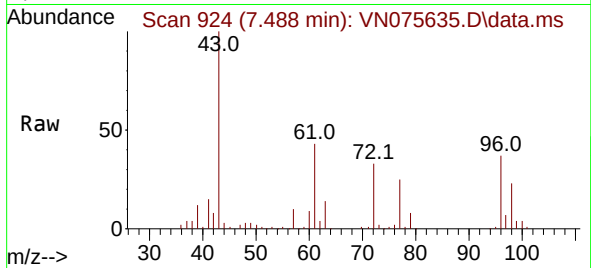
Tgt Ion: 77 Resp: 88286
Ion Ratio Lower Upper
77 100
97 25.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 63.486 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

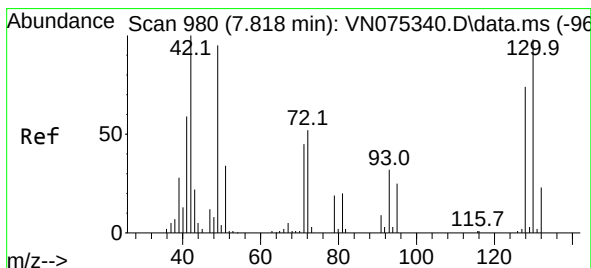
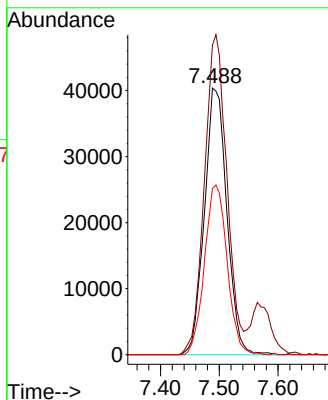
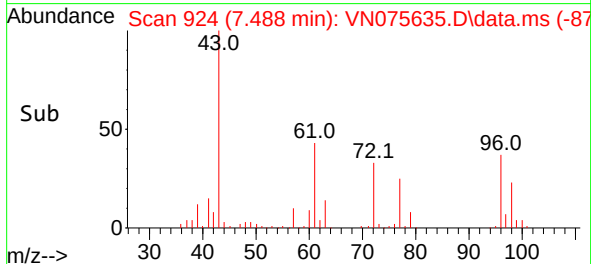
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 107240
 Ion Ratio Lower Upper
 96 100
 61 119.9 0.0 278.8
 98 64.2 0.0 128.4

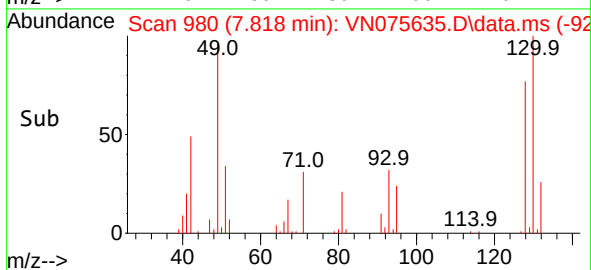
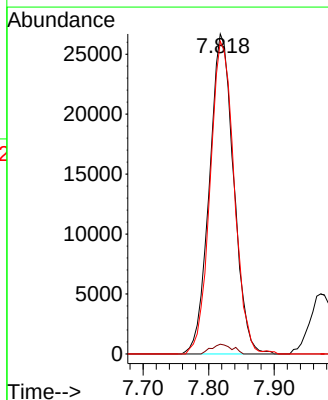
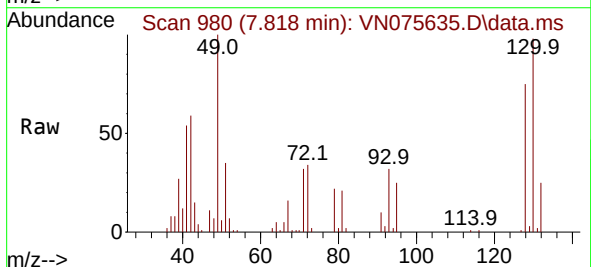
Manual Integrations
 APPROVED

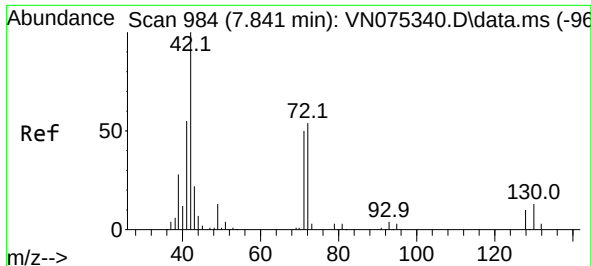
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#28
 Bromochloromethane
 Concen: 68.104 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

Tgt Ion: 49 Resp: 68657
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 96.5 66.2 99.4





#29

Tetrahydrofuran

Concen: 322.375 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

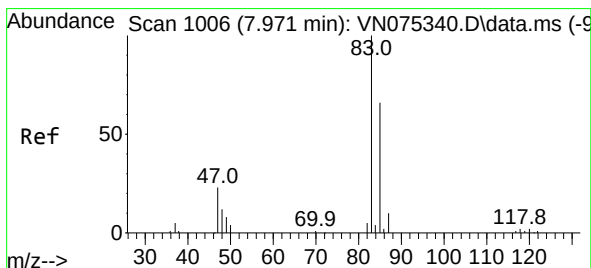
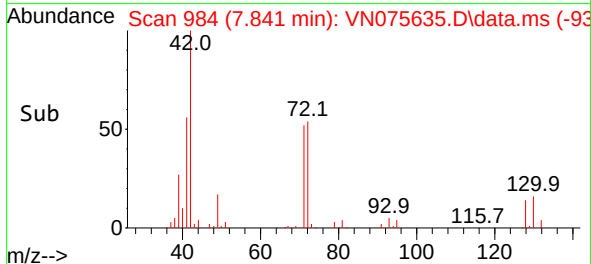
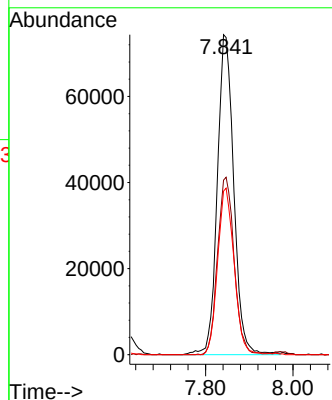
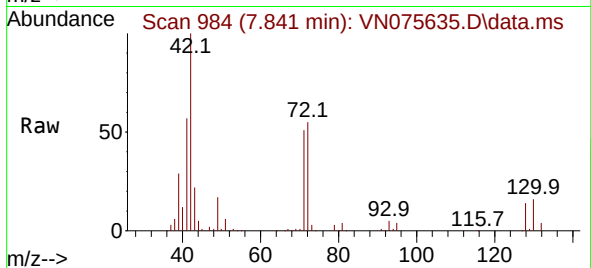
Tgt Ion: 42 Resp: 194024
 Ion Ratio Lower Upper
 42 100
 72 56.0 43.0 64.6
 71 51.9 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#30

Chloroform

Concen: 60.924 ug/l

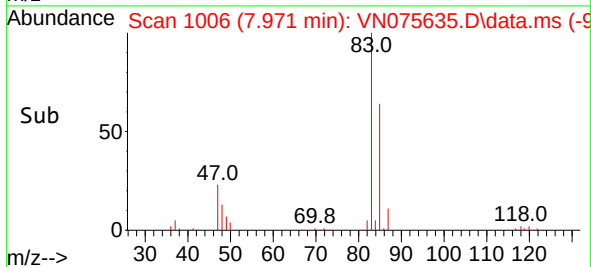
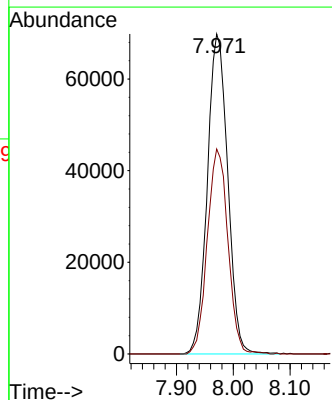
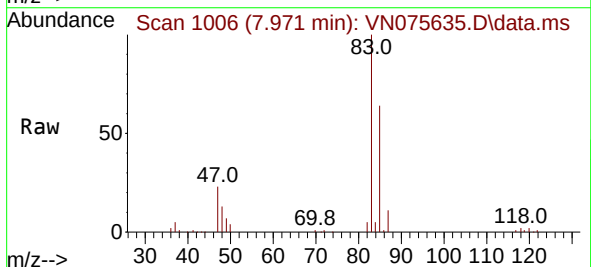
RT: 7.971 min Scan# 1006

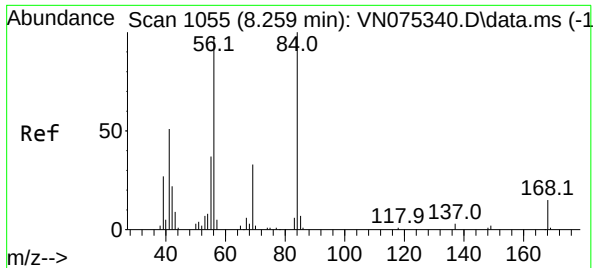
Delta R.T. -0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

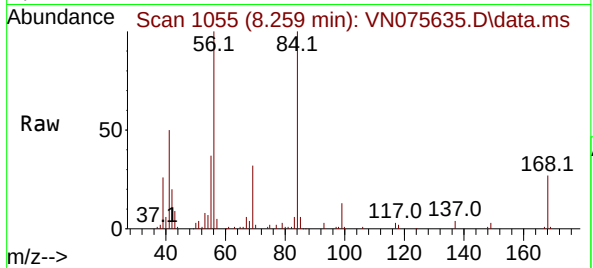
Tgt Ion: 83 Resp: 173761
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.4 77.0





#31
Cyclohexane
Concen: 38.920 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

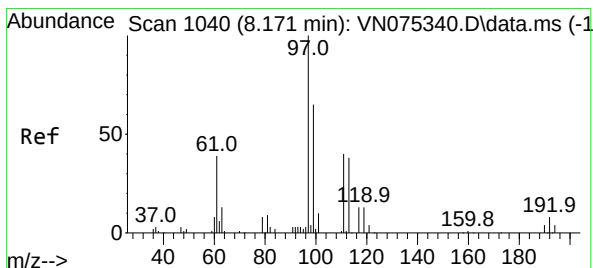
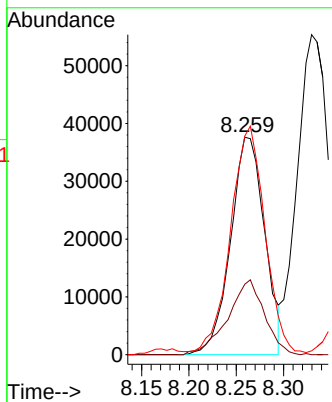
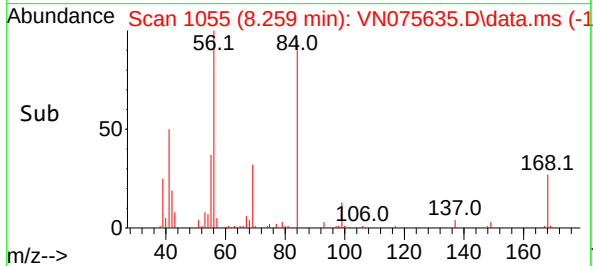
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



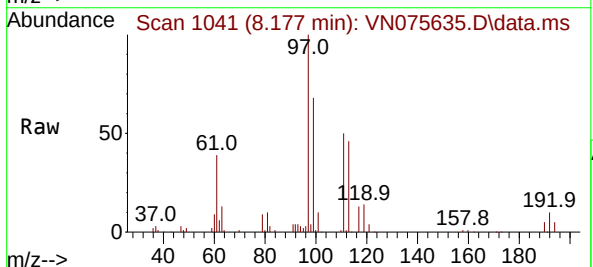
Tgt Ion: 56 Resp: 93954
Ion Ratio Lower Upper
56 100
69 32.4 25.2 37.8
84 98.8 77.8 116.8

Manual Integrations
APPROVED

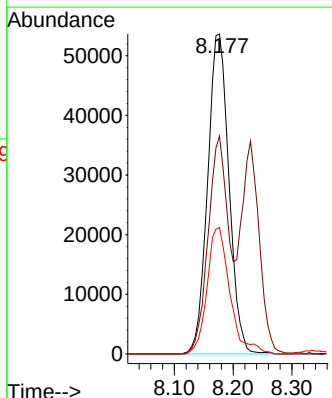
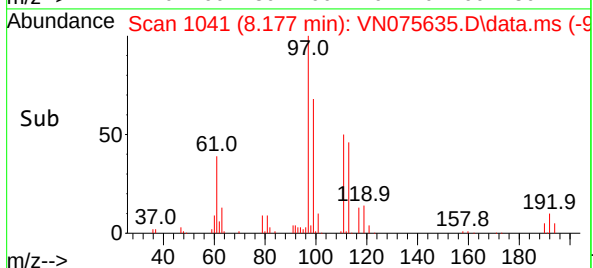
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

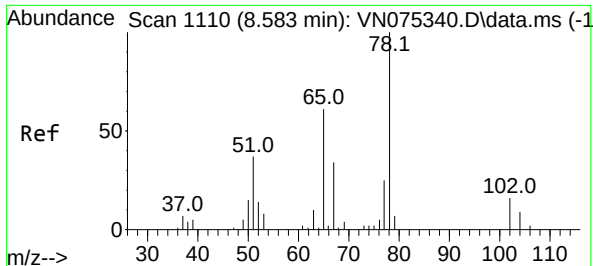


#32
1,1,1-Trichloroethane
Concen: 52.176 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion: 97 Resp: 135115
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 42.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 63.839 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 48500

Ion Ratio Lower Upper

65 100

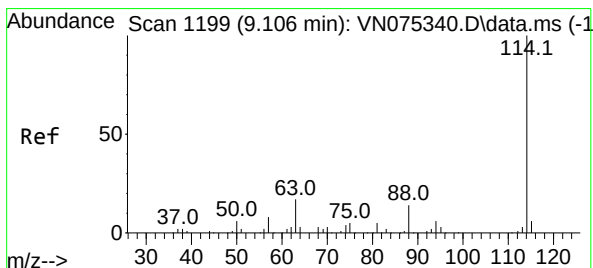
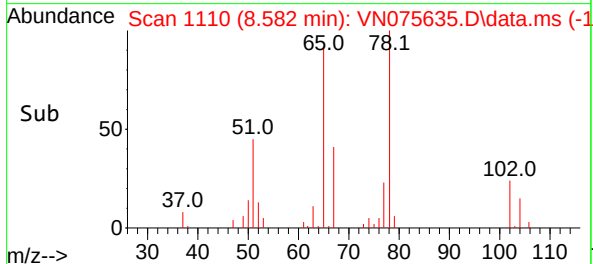
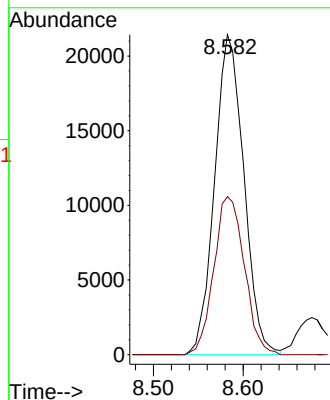
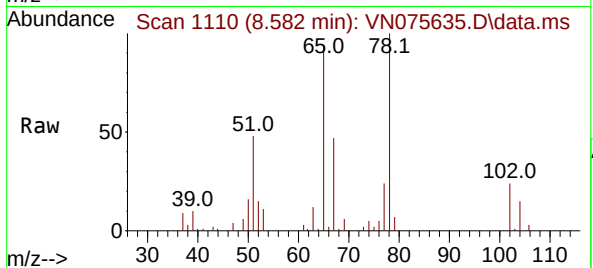
67 51.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

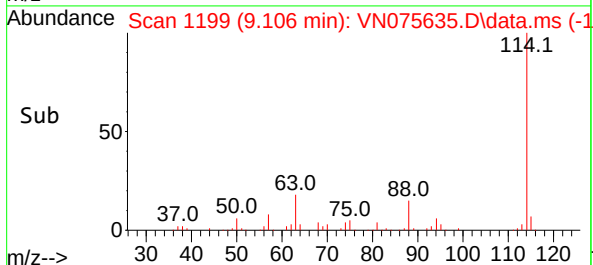
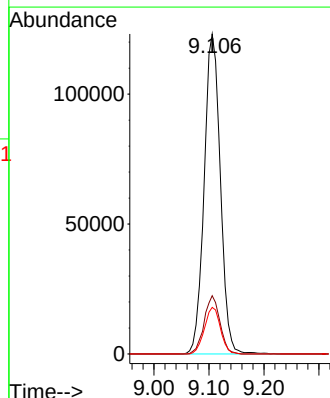
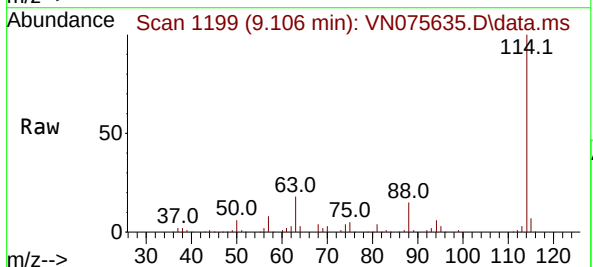
Tgt Ion:114 Resp: 252037

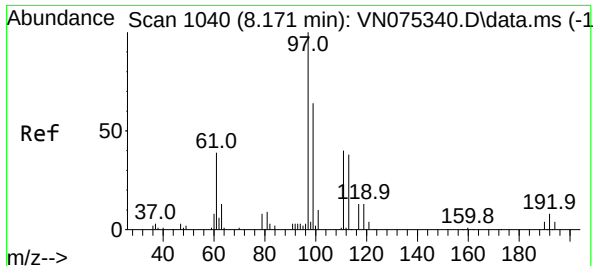
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 62.250 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 6163

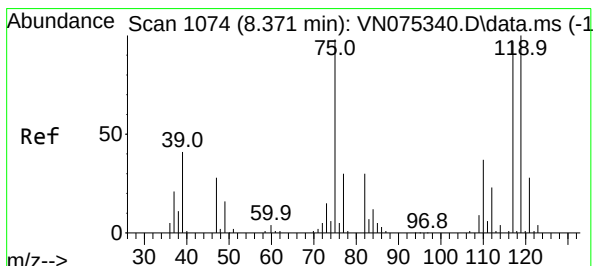
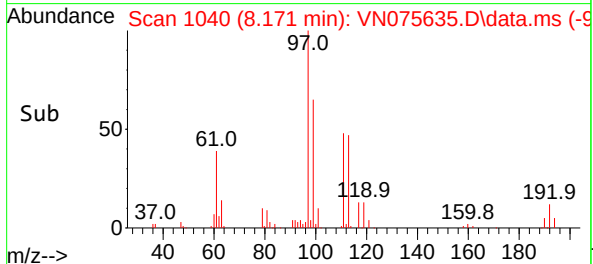
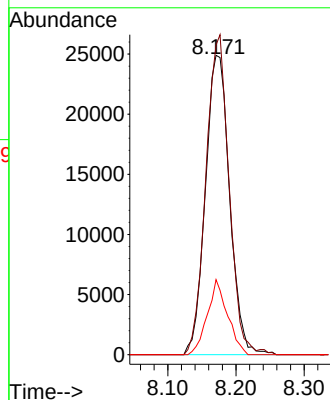
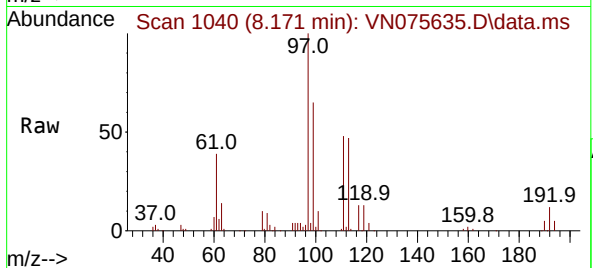
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	20.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#36

1,1-Dichloropropene

Concen: 45.461 ug/l

RT: 8.377 min Scan# 1075

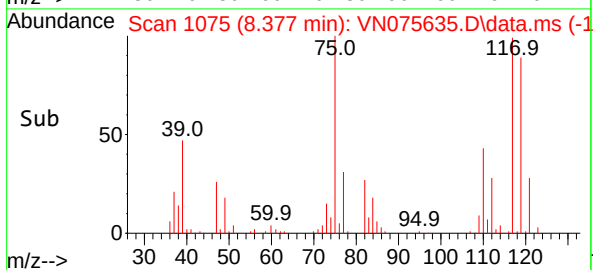
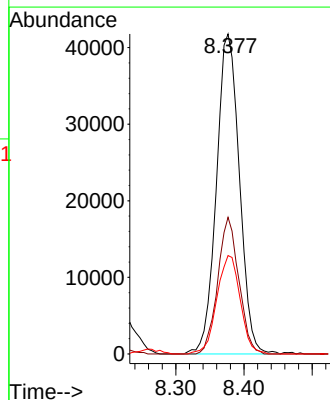
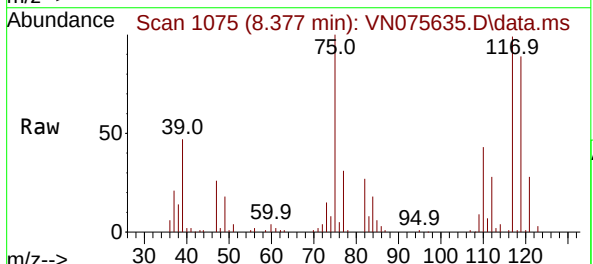
Delta R.T. 0.006 min

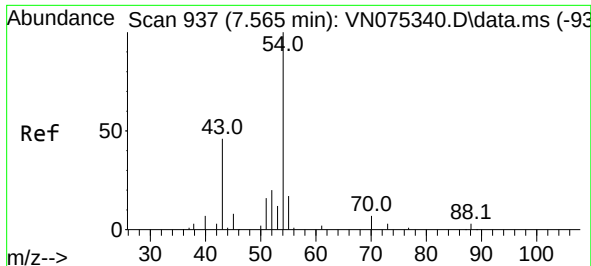
Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Tgt Ion: 75 Resp: 98156

Ion	Ratio	Lower	Upper
75	100		
110	39.1	17.8	53.3
77	31.3	24.6	37.0





#37

Ethyl Acetate

Concen: 61.129 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11884

Ion Ratio Lower Upper

43 100

61 16.1 12.2 18.4

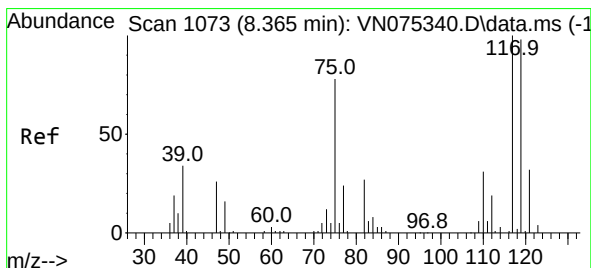
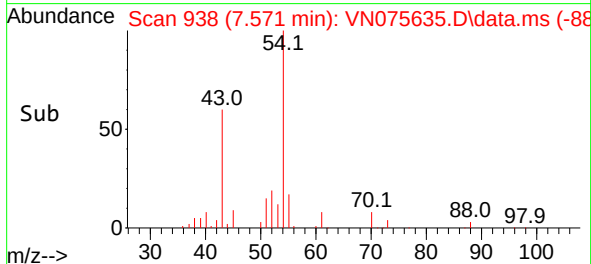
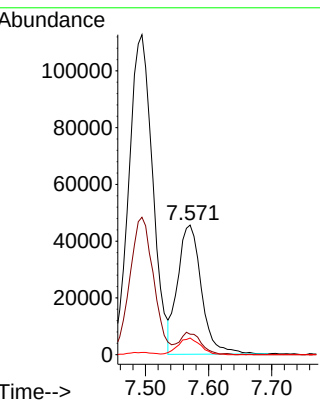
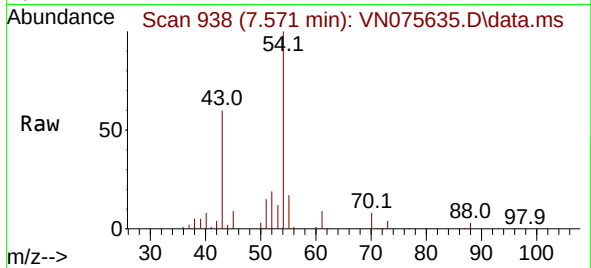
70 12.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#38

Carbon Tetrachloride

Concen: 48.094 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

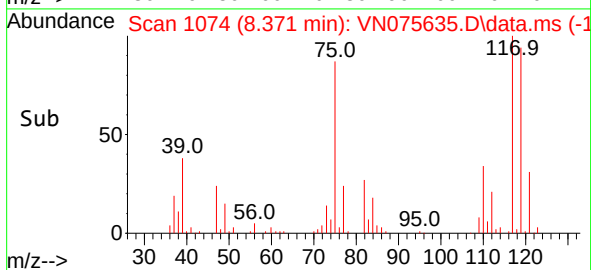
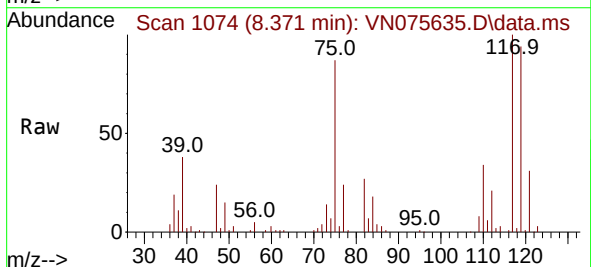
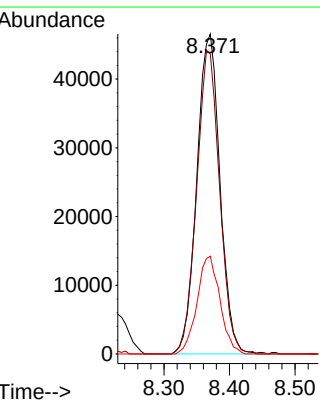
Tgt Ion:117 Resp: 114073

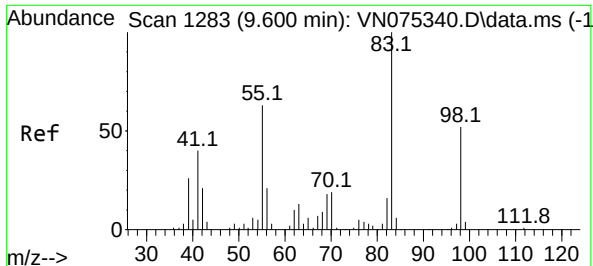
Ion Ratio Lower Upper

117 100

119 93.9 76.7 115.1

121 30.5 23.9 35.9





#39

Methylcyclohexane

Concen: 41.872 ug/l

RT: 9.606 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11314

Ion Ratio Lower Upper

83 100

55 61.1 53.6 80.4

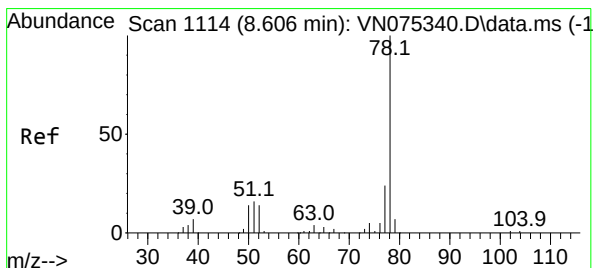
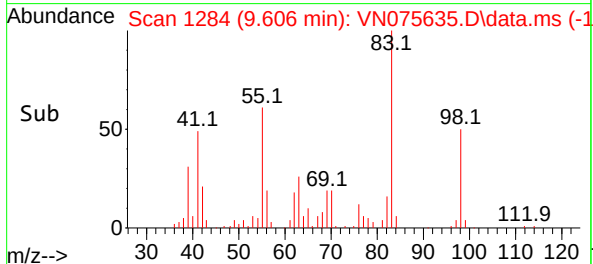
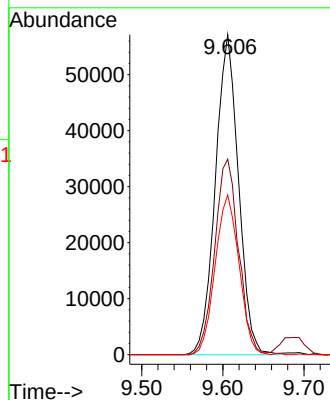
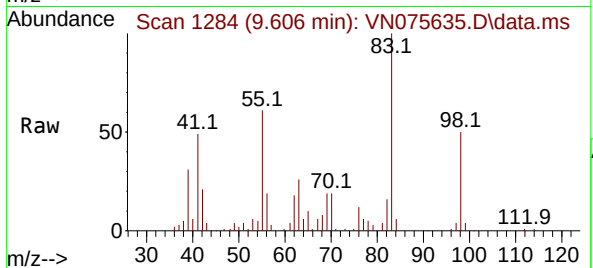
98 49.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

Benzene

Concen: 54.267 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075635.D

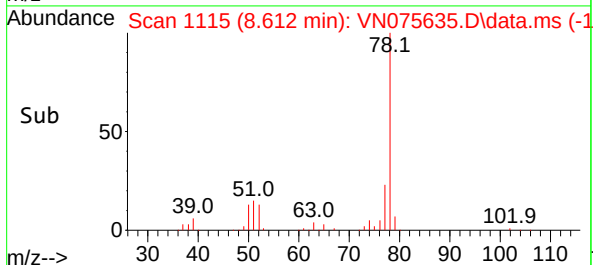
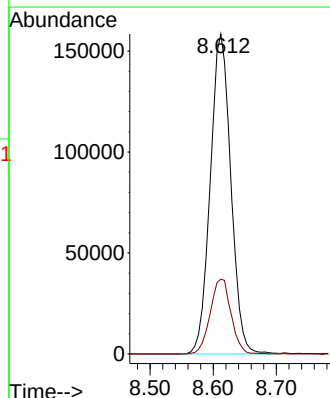
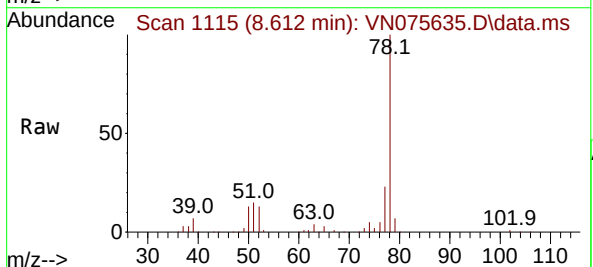
Acq: 08 Dec 2022 02:45

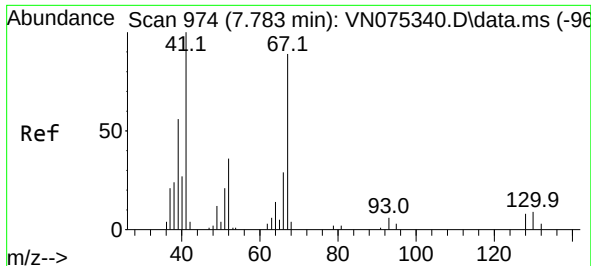
Tgt Ion: 78 Resp: 358740

Ion Ratio Lower Upper

78 100

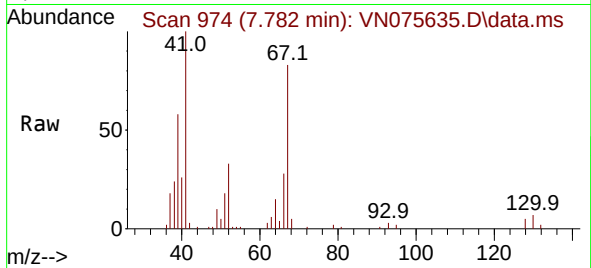
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 62.375 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

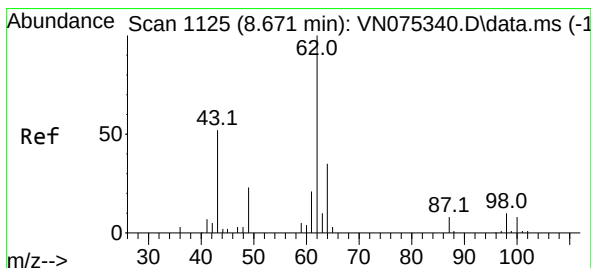
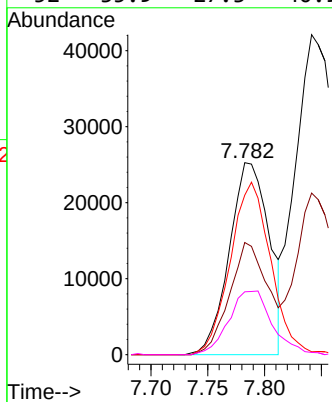
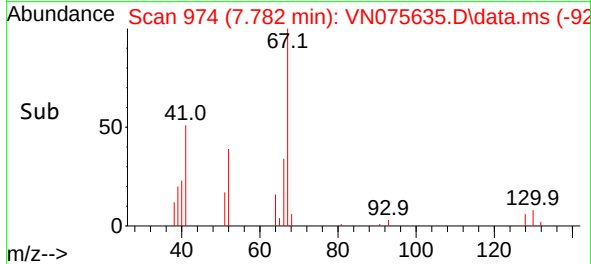
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 61998
Ion Ratio Lower Upper
41 100
39 55.7 44.4 66.6
67 91.2 69.8 104.6
52 35.9 27.3 40.9

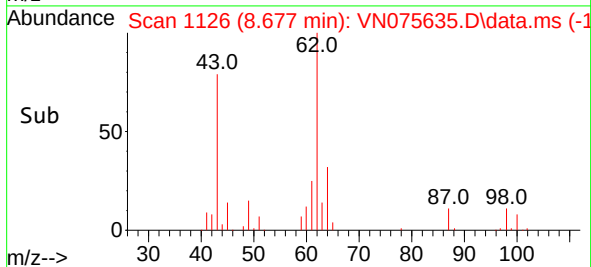
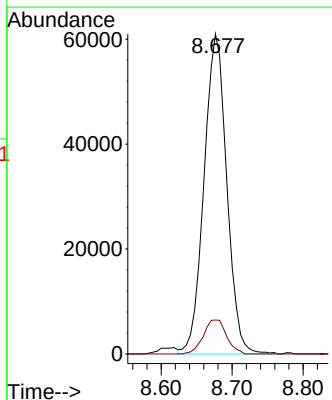
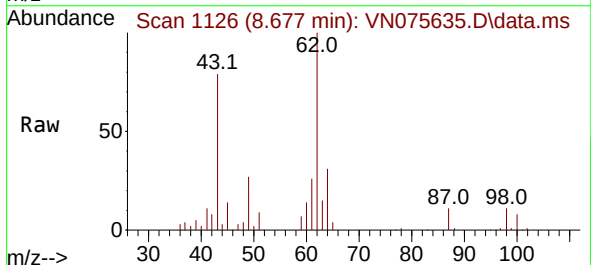
Manual Integrations
APPROVED

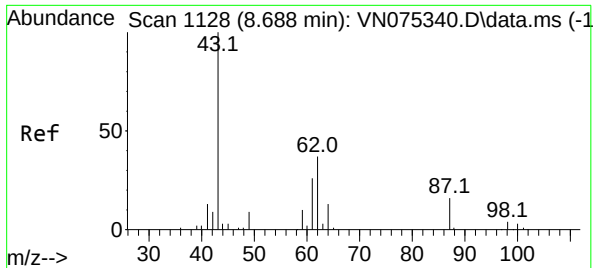
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#42
1,2-Dichloroethane
Concen: 61.315 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

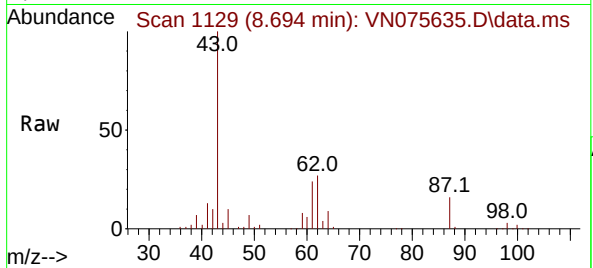
Tgt Ion: 62 Resp: 135751
Ion Ratio Lower Upper
62 100
98 10.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 80.139 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

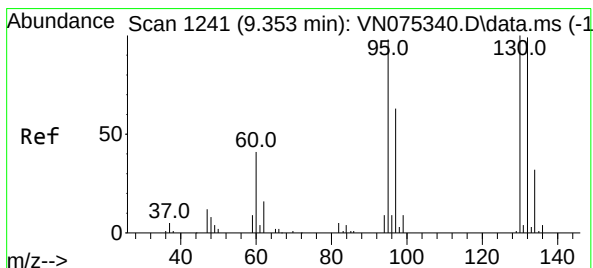
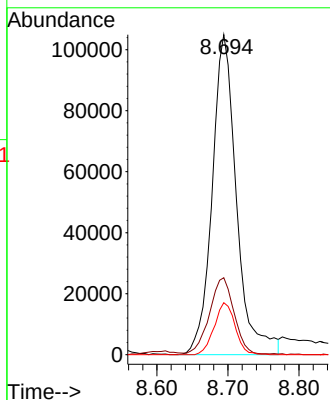
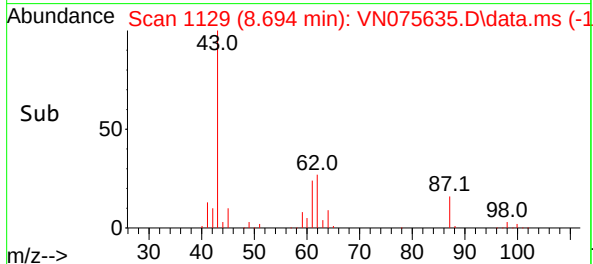
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



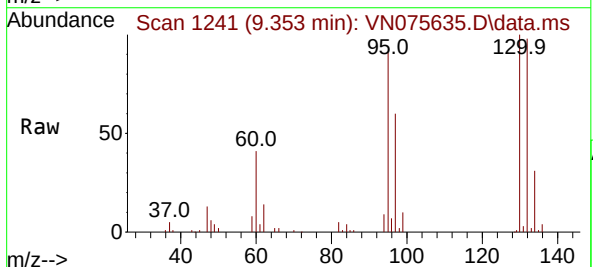
Tgt Ion: 43 Resp: 25008
Ion Ratio Lower Upper
43 100
61 23.9 22.4 33.6
87 13.8 12.5 18.7

Manual Integrations
APPROVED

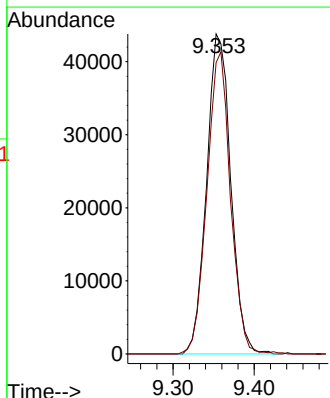
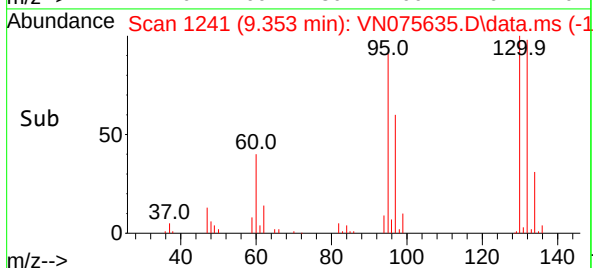
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

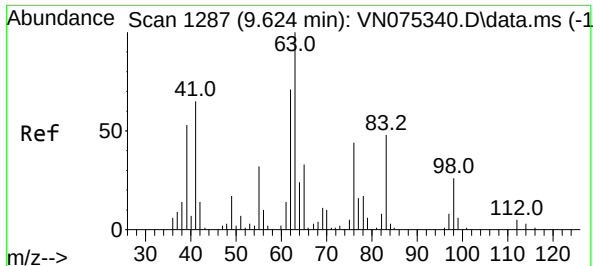


#44
Trichloroethene
Concen: 50.041 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion:130 Resp: 90517
Ion Ratio Lower Upper
130 100
95 91.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 58.912 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. 0.005 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 92808

Ion Ratio Lower Upper

63 100

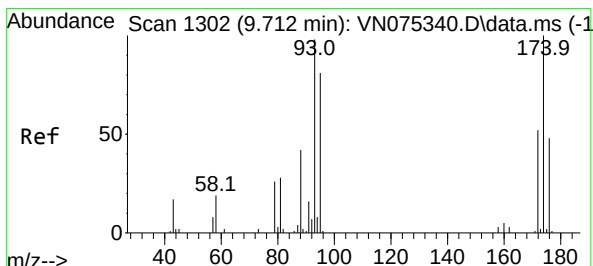
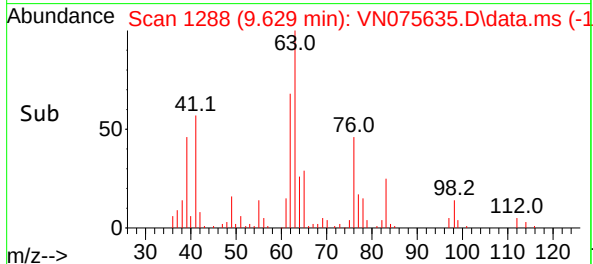
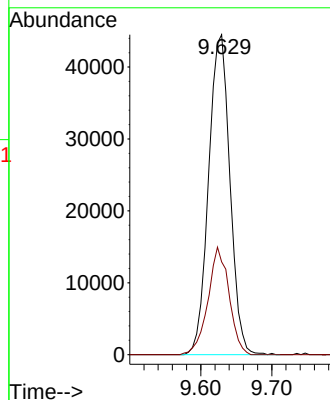
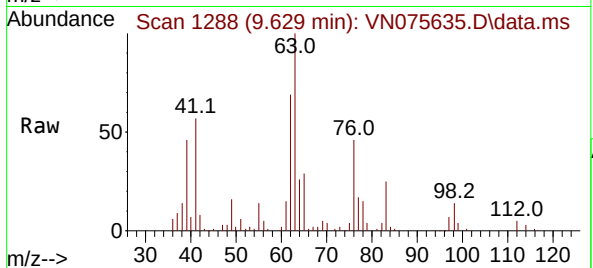
65 29.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 62.024 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

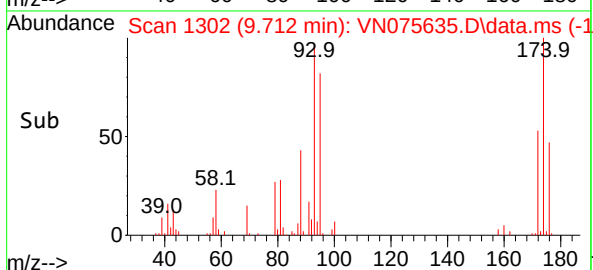
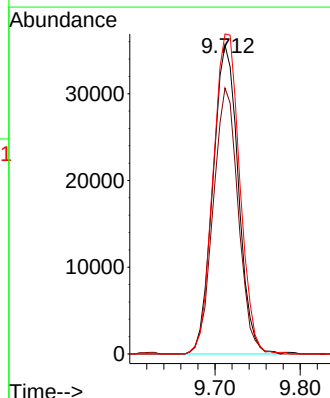
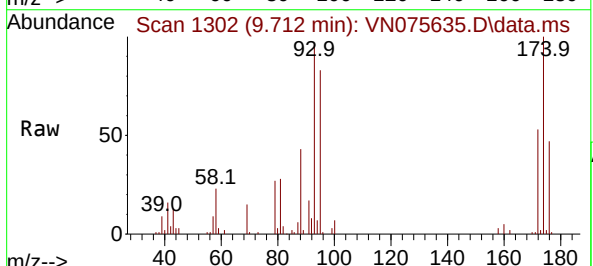
Tgt Ion: 93 Resp: 73906

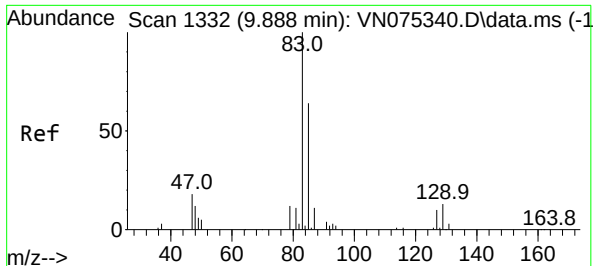
Ion Ratio Lower Upper

93 100

95 84.6 66.6 99.8

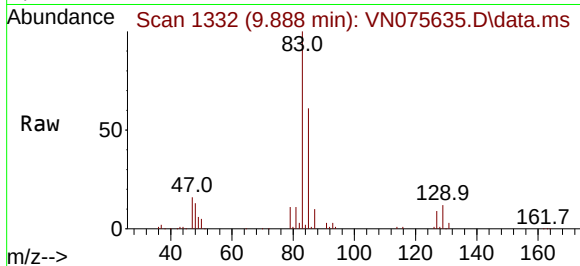
174 108.3 70.3 105.5#





#47
Bromodichloromethane
Concen: 61.641 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

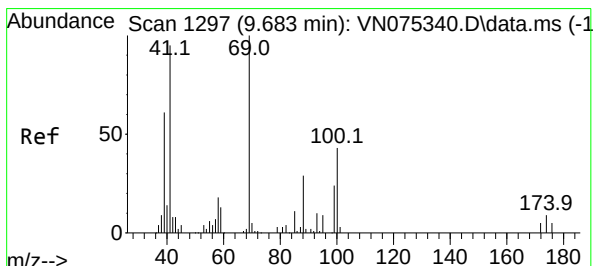
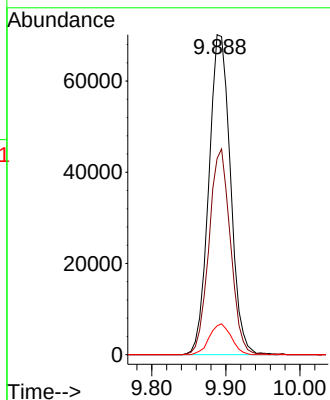
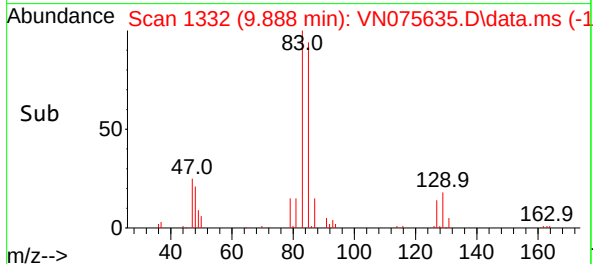
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



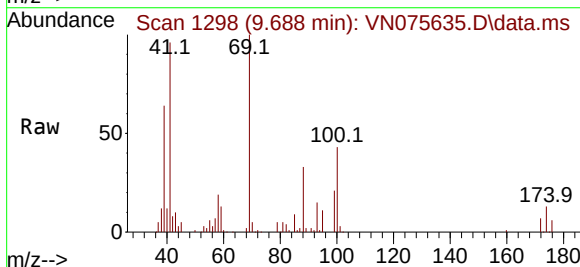
Tgt Ion: 83 Resp: 14223
Ion Ratio Lower Upper
83 100
85 61.3 52.1 78.1
127 9.0 6.6 10.0

Manual Integrations
APPROVED

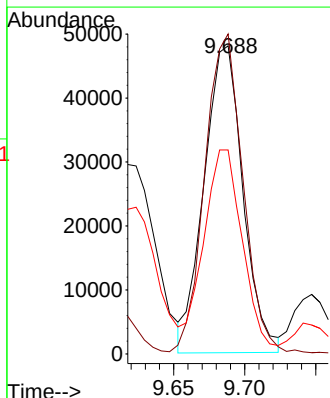
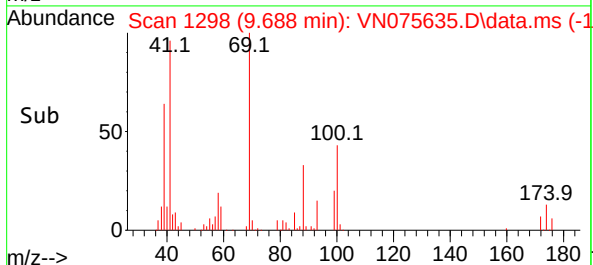
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

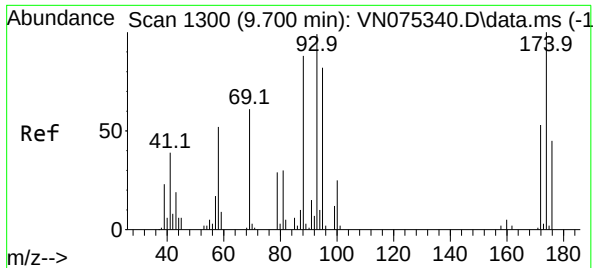


#48
Methyl methacrylate
Concen: 63.364 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion: 41 Resp: 91431
Ion Ratio Lower Upper
41 100
69 103.0 80.2 120.2
39 67.4 56.2 84.2





#49

1,4-Dioxane

Concen: 1218.302 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 49918

Ion Ratio Lower Upper

88 100

43 15.2 17.5 26.3

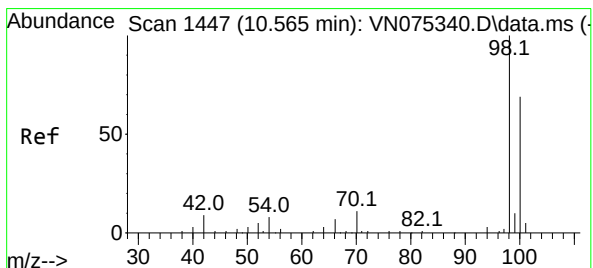
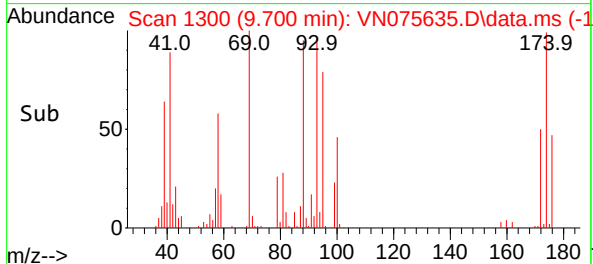
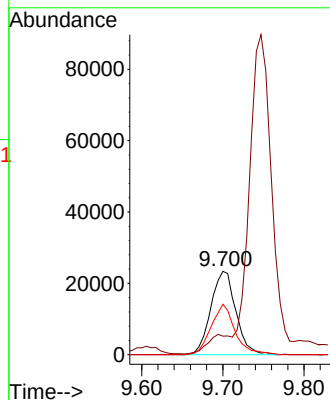
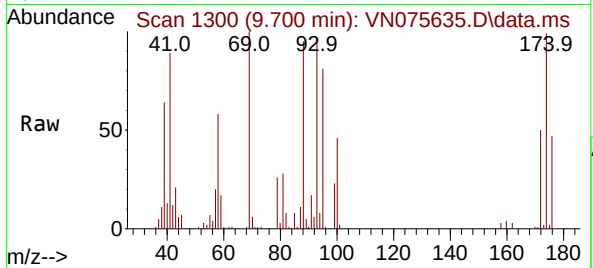
58 57.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 51.321 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075635.D

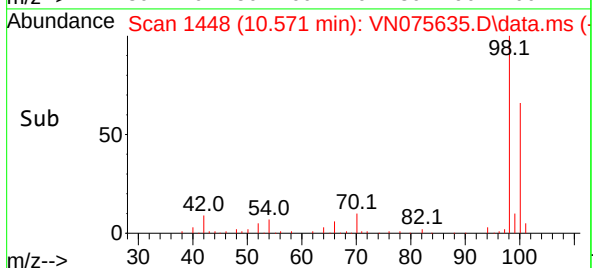
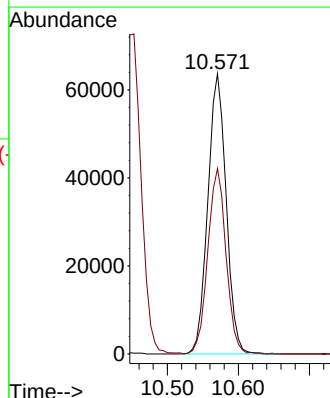
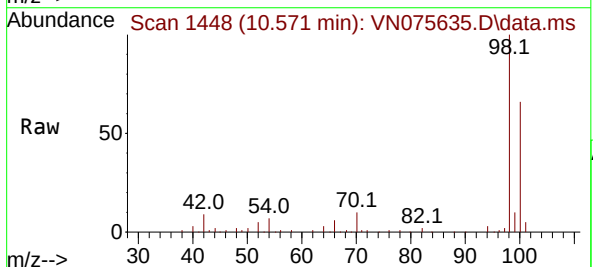
Acq: 08 Dec 2022 02:45

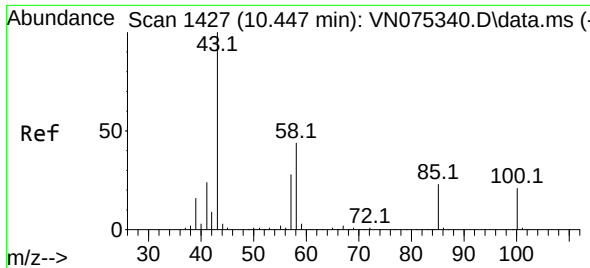
Tgt Ion: 98 Resp: 114442

Ion Ratio Lower Upper

98 100

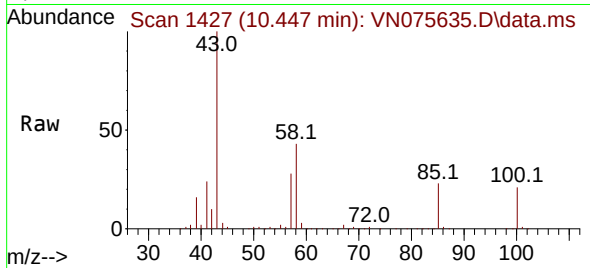
100 65.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 317.465 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

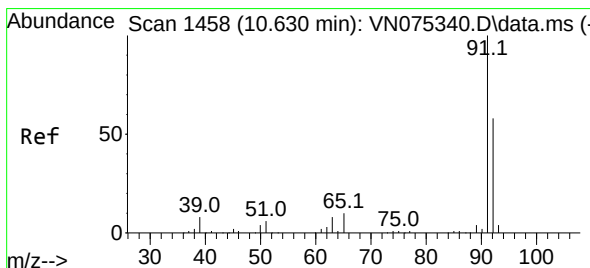
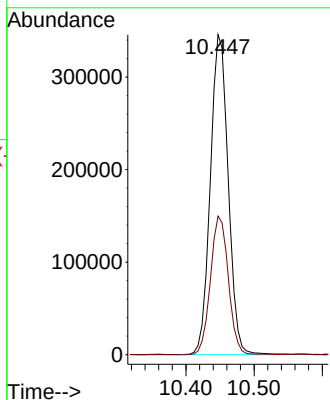
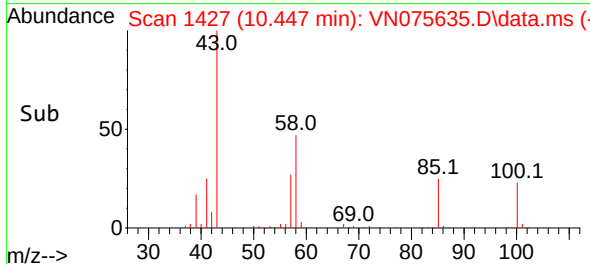
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



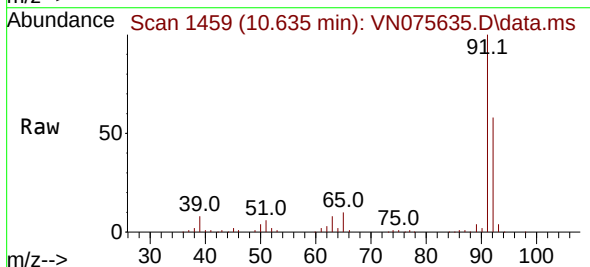
Tgt Ion: 43 Resp: 630988
Ion Ratio Lower Upper
43 100
58 43.4 33.6 50.4

Manual Integrations
APPROVED

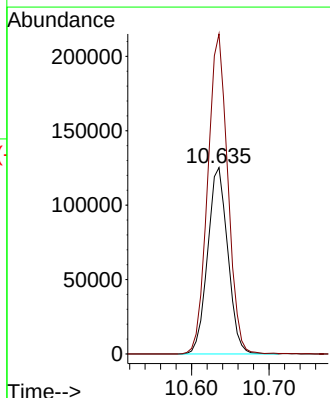
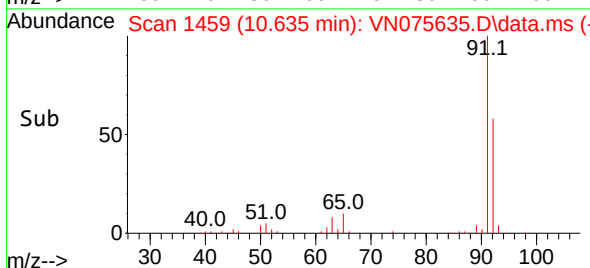
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

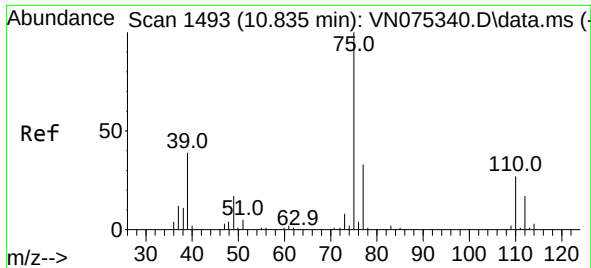


#52
Toluene
Concen: 53.153 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



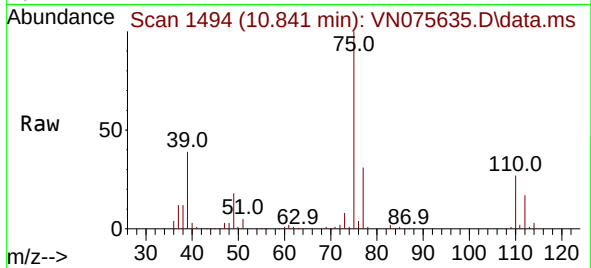
Tgt Ion: 92 Resp: 226432
Ion Ratio Lower Upper
92 100
91 170.6 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 62.179 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

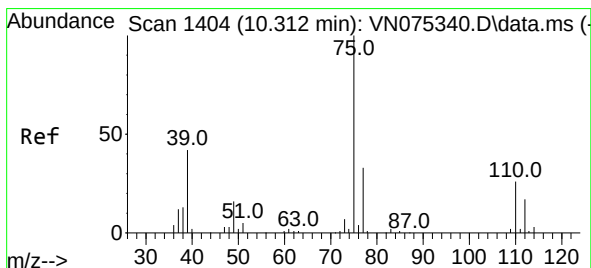
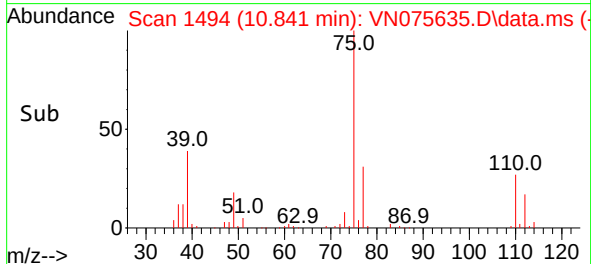
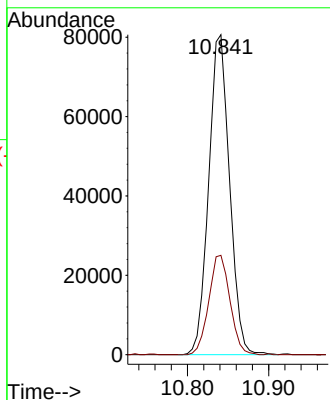
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 14404
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2

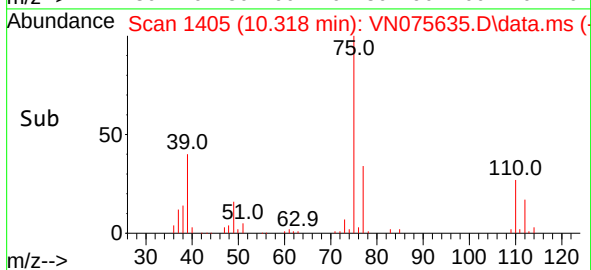
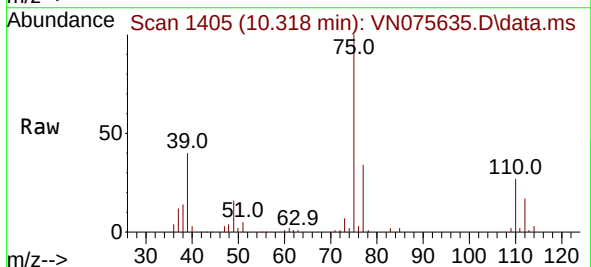
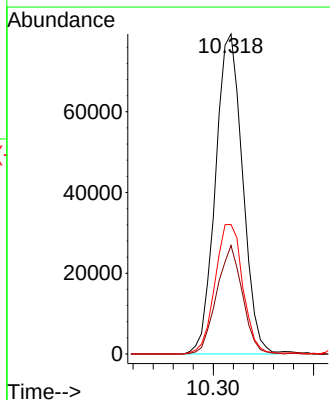
Manual Integrations
 APPROVED

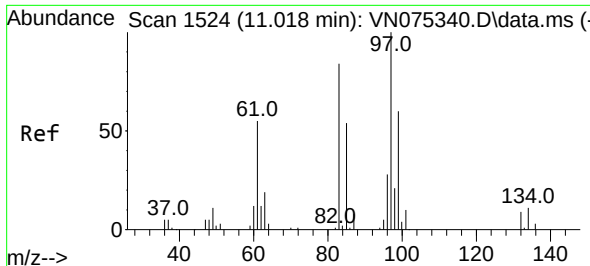
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#54
 cis-1,3-Dichloropropene
 Concen: 59.155 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

Tgt Ion: 75 Resp: 148835
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.7 35.5
 39 40.5 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 61.987 ug/l
RT: 11.023 min Scan# 11023
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

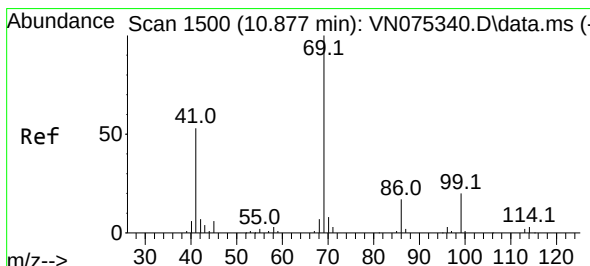
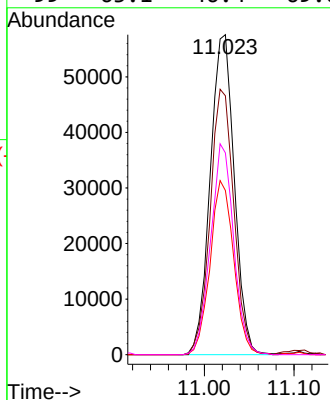
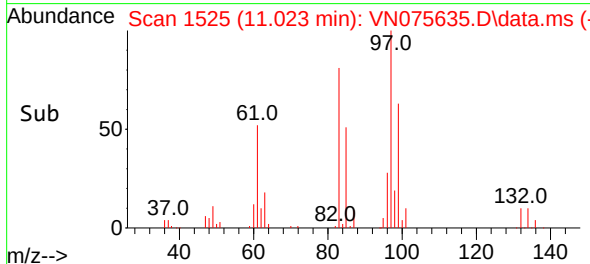
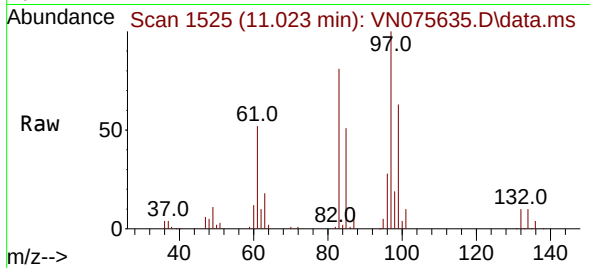
VSTDCCC050EC

Tgt Ion: 97 Resp: 10755
Ion Ratio Lower Upper
97 100
83 80.9 65.9 98.9
85 51.3 40.4 60.6
99 63.1 46.4 69.6

Manual Integrations

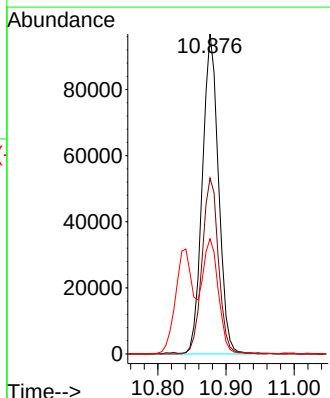
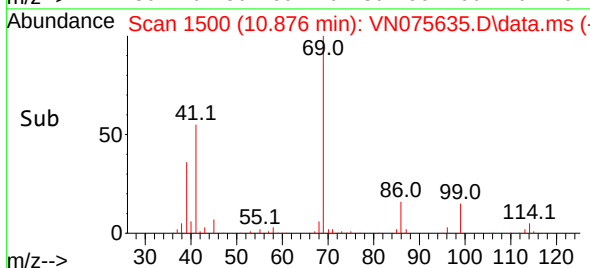
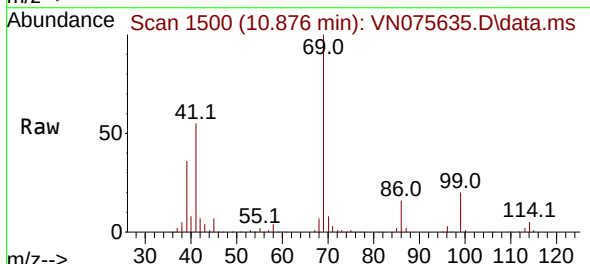
APPROVED

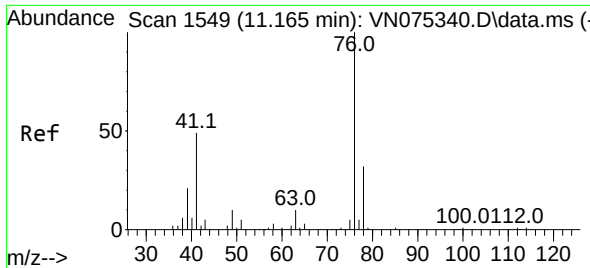
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#56
Ethyl methacrylate
Concen: 68.100 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

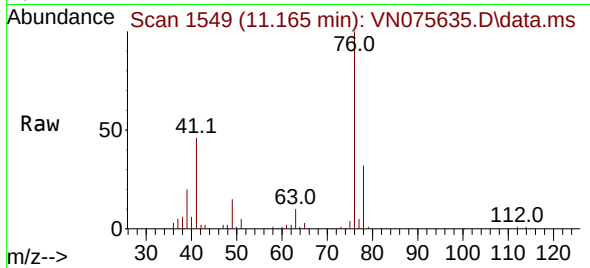
Tgt Ion: 69 Resp: 159568
Ion Ratio Lower Upper
69 100
41 55.6 45.6 68.4
39 34.6 28.5 42.7





#57
1,3-Dichloropropane
Concen: 60.870 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

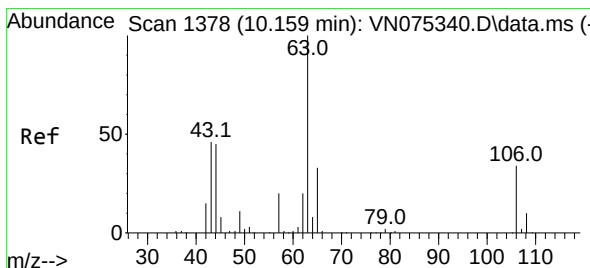
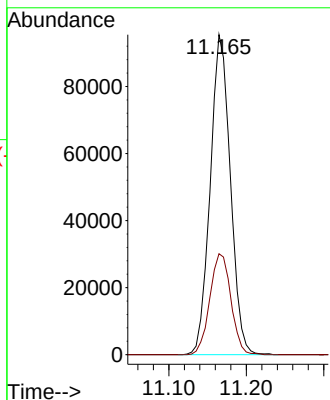
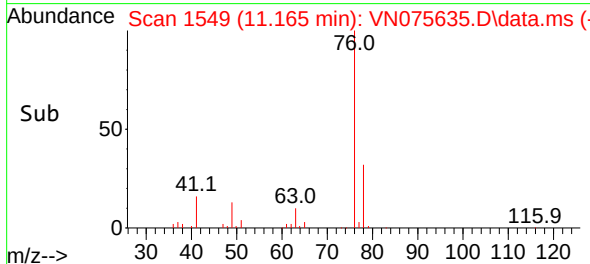
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



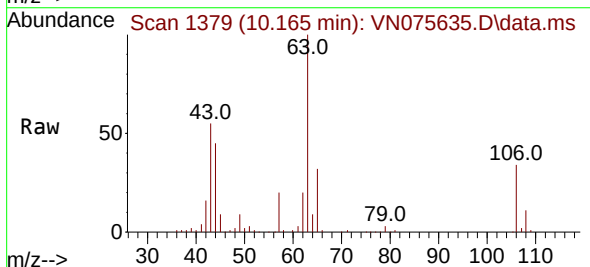
Tgt Ion: 76 Resp: 17220
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

Manual Integrations
APPROVED

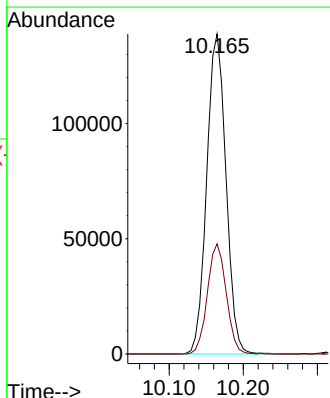
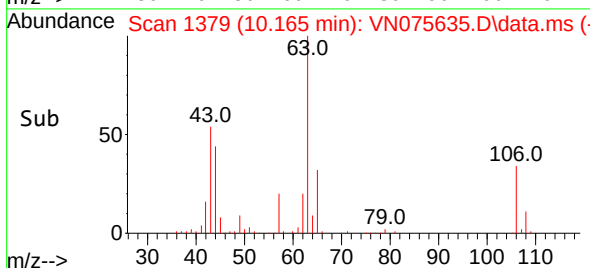
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

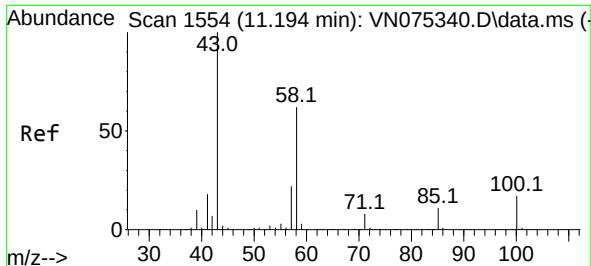


#58
2-Chloroethyl Vinyl ether
Concen: 296.069 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



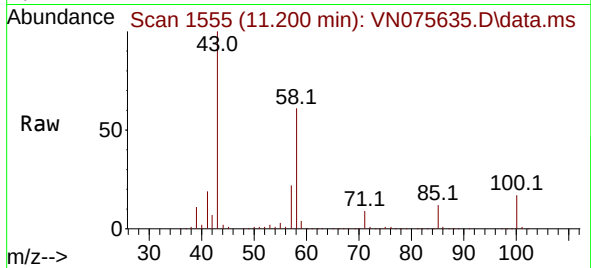
Tgt Ion: 63 Resp: 250199
Ion Ratio Lower Upper
63 100
106 33.7 24.8 37.2





#59
2-Hexanone
Concen: 316.522 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

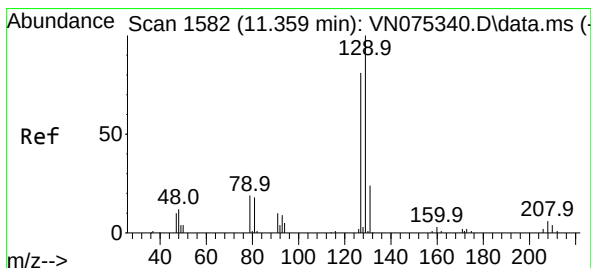
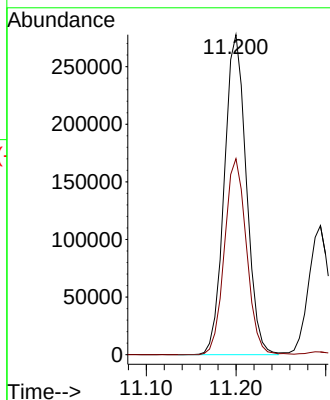
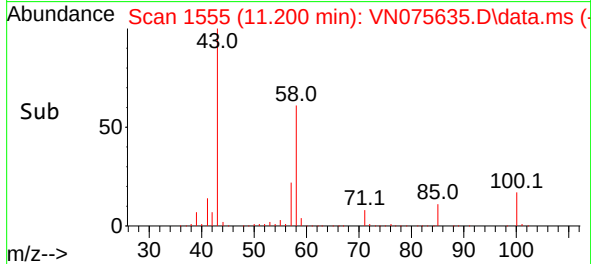
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 47240
Ion Ratio Lower Upper
43 100
58 61.2 29.6 88.8

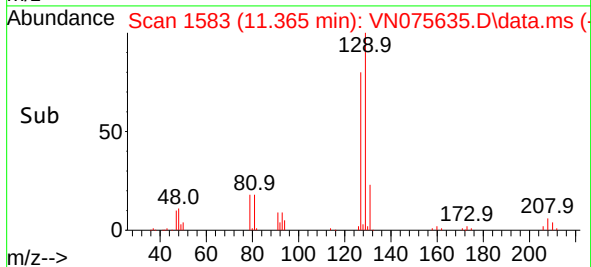
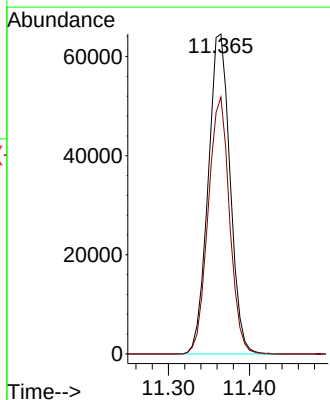
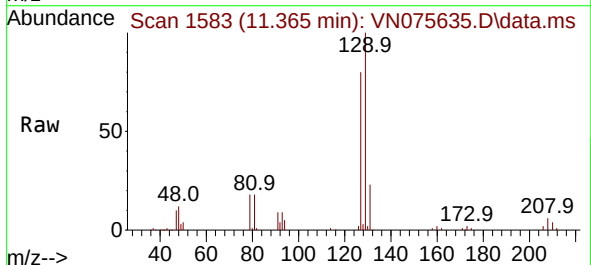
Manual Integrations
APPROVED

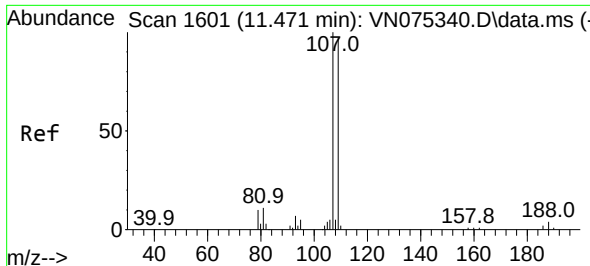
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#60
Dibromochloromethane
Concen: 68.036 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

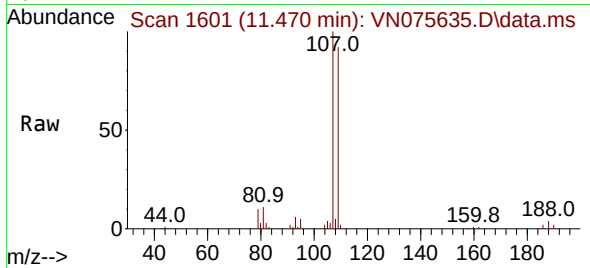
Tgt Ion:129 Resp: 121169
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 62.697 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

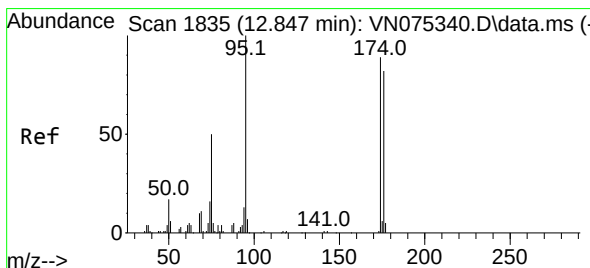
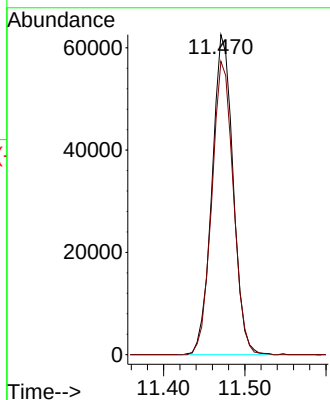
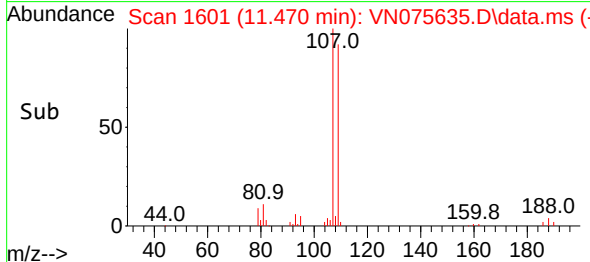
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



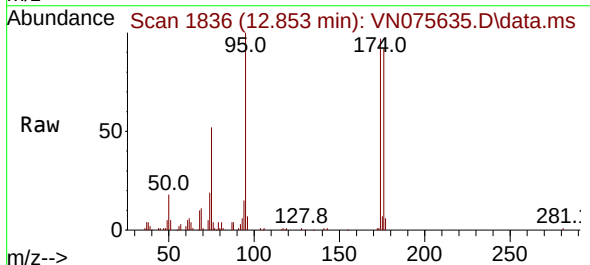
Tgt Ion:107 Resp: 112908
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

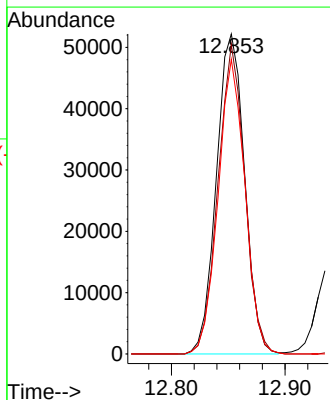
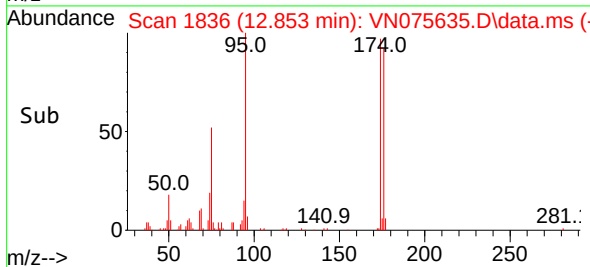
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

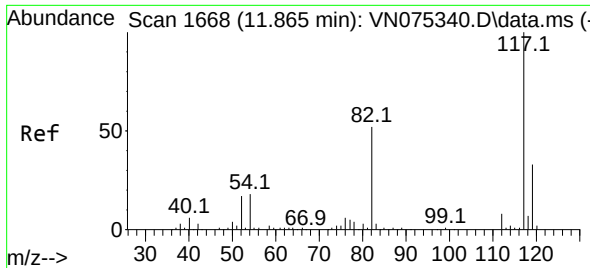


#62
4-Bromofluorobenzene
Concen: 54.650 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion: 95 Resp: 89951
Ion Ratio Lower Upper
95 100
174 91.5 0.0 147.4
176 87.8 0.0 142.2





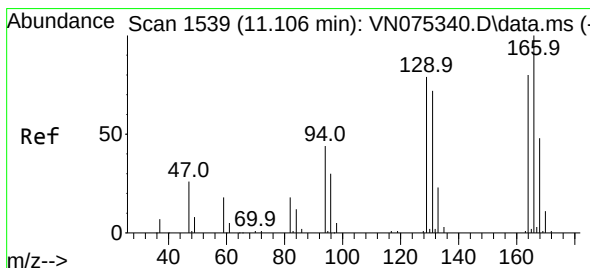
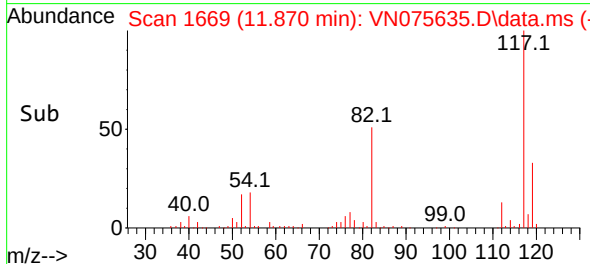
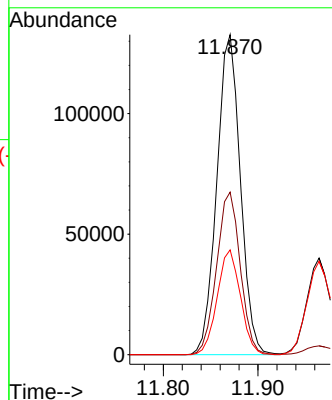
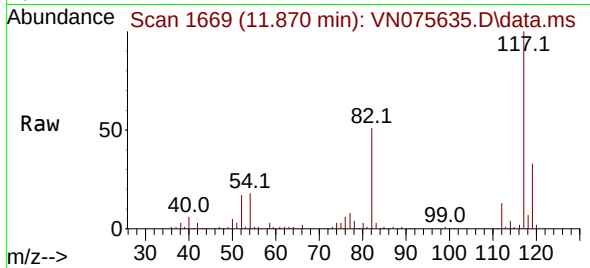
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 229800
Ion Ratio Lower Upper
117 100
82 50.8 43.1 64.7
119 32.8 25.5 38.3

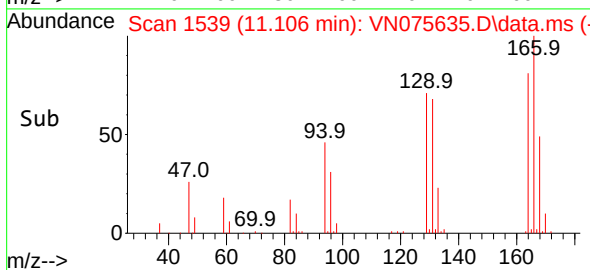
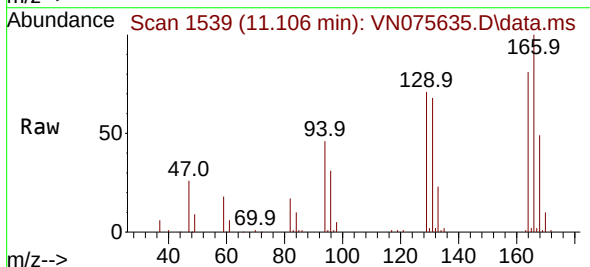
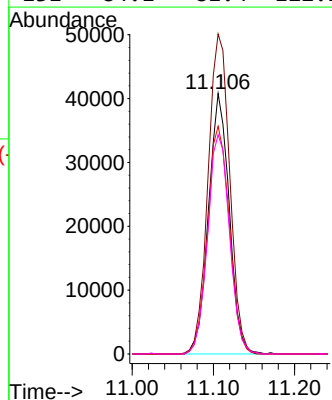
Manual Integrations
APPROVED

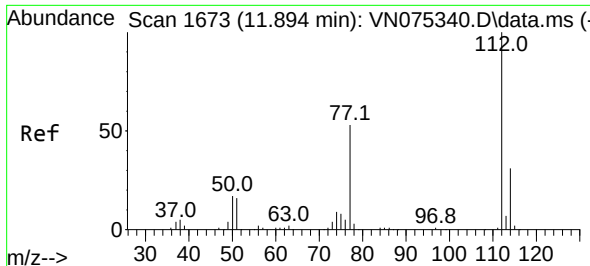
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#64
Tetrachloroethene
Concen: 41.328 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

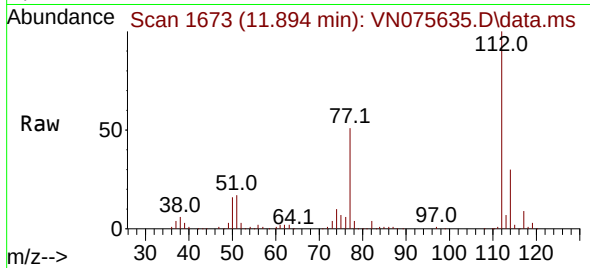
Tgt Ion:164 Resp: 72528
Ion Ratio Lower Upper
164 100
166 122.8 106.5 159.7
129 87.4 81.9 122.9
131 84.1 81.4 122.2





#65
Chlorobenzene
Concen: 53.594 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

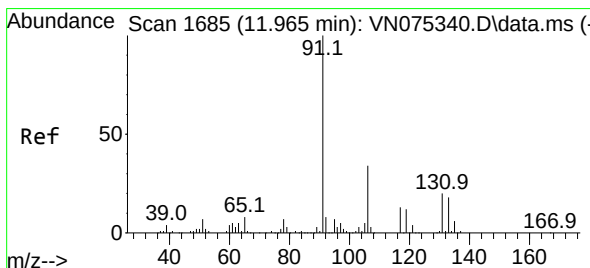
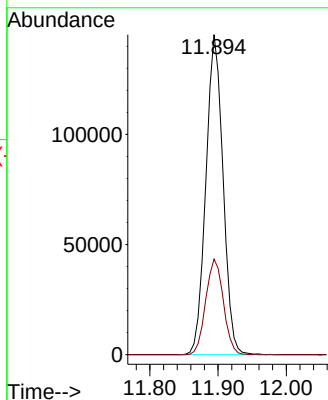
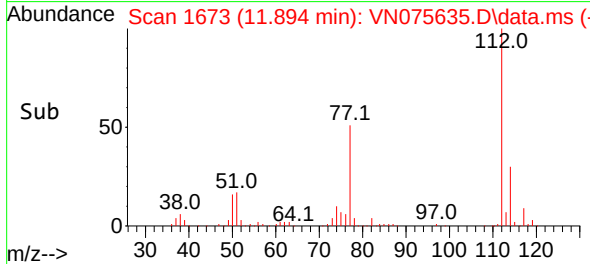
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



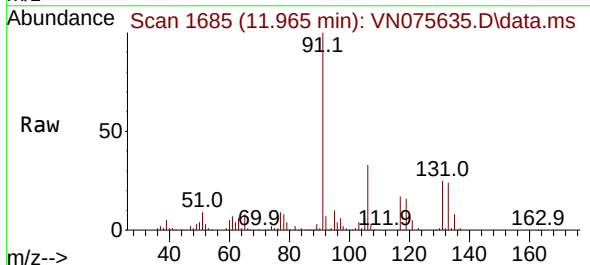
Tgt Ion:112 Resp: 254352
Ion Ratio Lower Upper
112 100
114 29.8 25.4 38.2

Manual Integrations
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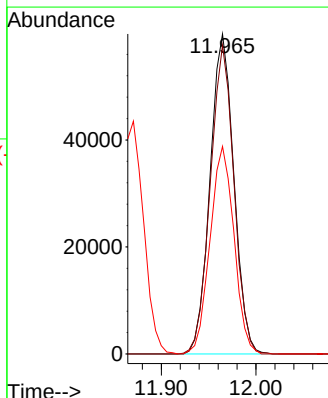
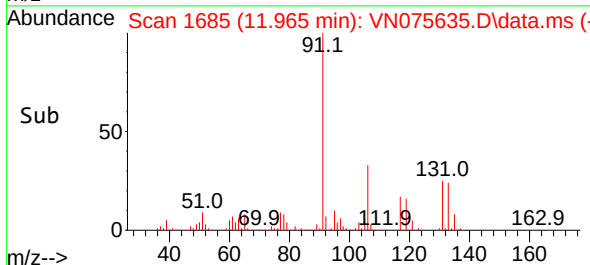
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

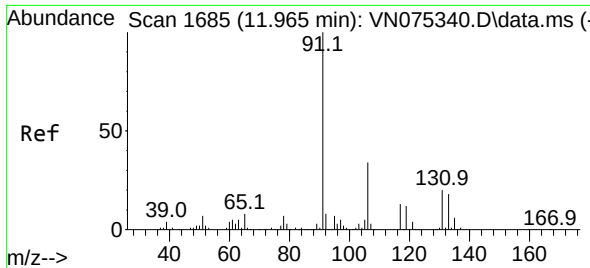


#66
1,1,1,2-Tetrachloroethane
Concen: 58.916 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



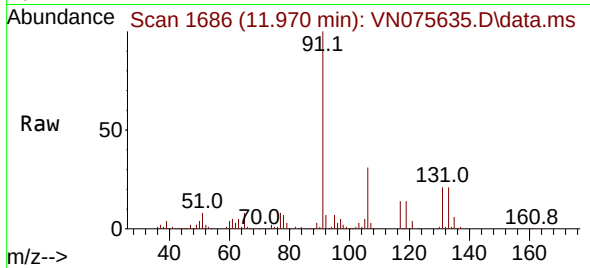
Tgt Ion:131 Resp: 104356
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 65.2 33.0 99.0





#67
Ethyl Benzene
Concen: 50.586 ug/l
RT: 11.970 min Scan# 1104
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

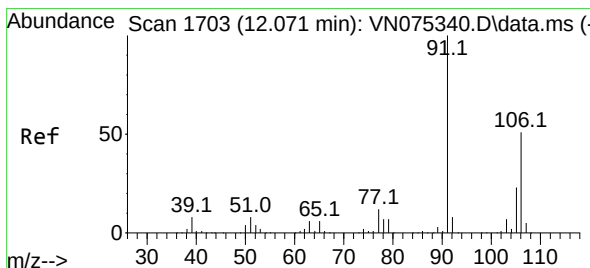
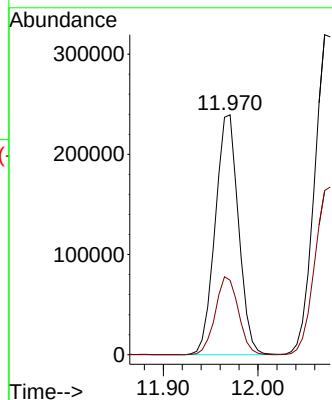
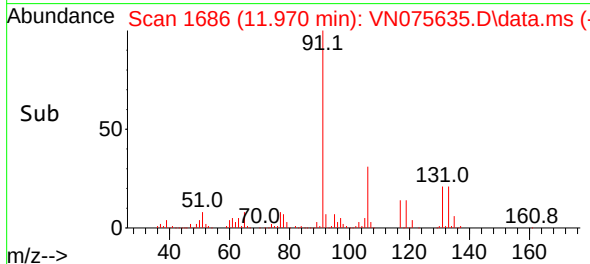
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



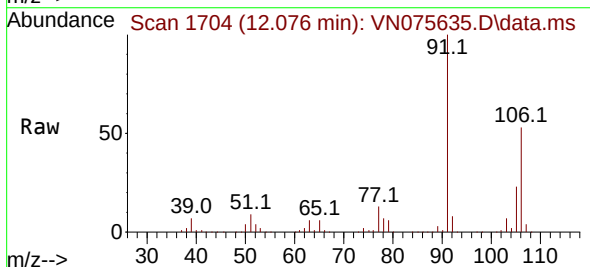
Tgt Ion: 91 Resp: 409582
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

Manual Integrations
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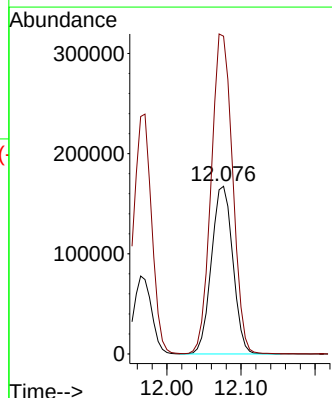
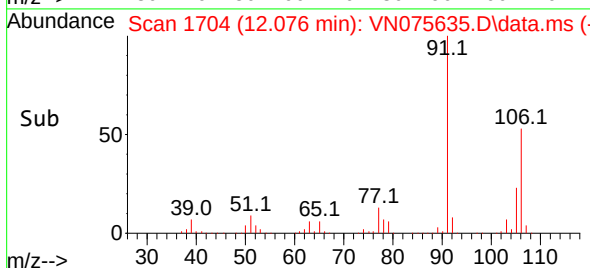
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

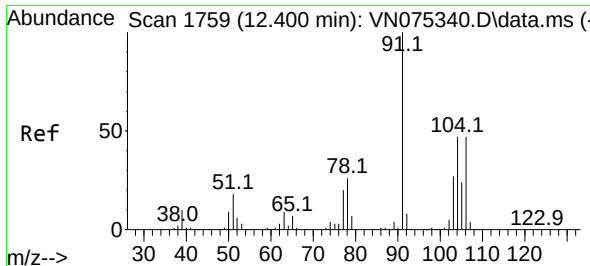


#68
m/p-Xylenes
Concen: 101.996 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion:106 Resp: 335364
Ion Ratio Lower Upper
106 100
91 191.5 156.0 234.0





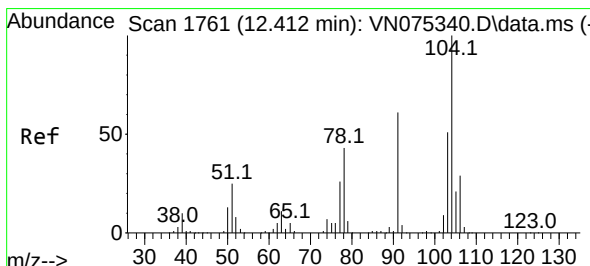
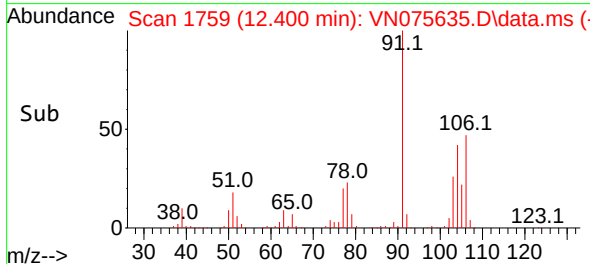
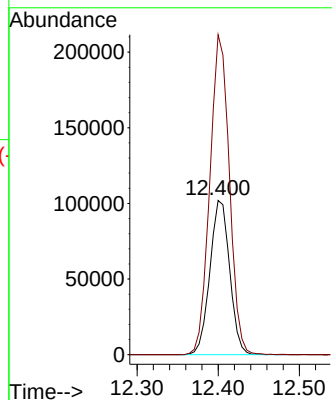
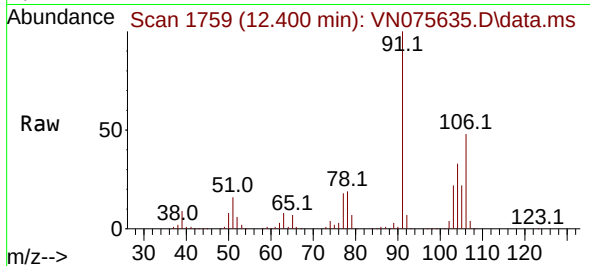
#69
o-Xylene
Concen: 52.818 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 17254
Ion Ratio Lower Upper
106 100
91 205.1 105.2 315.5

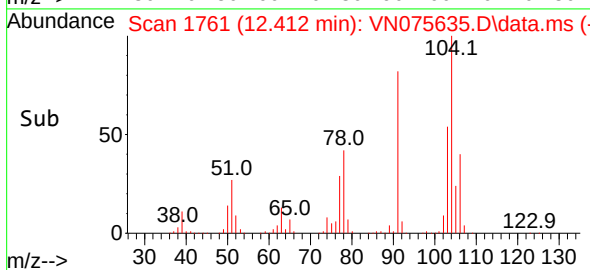
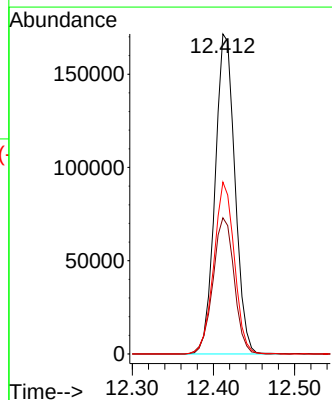
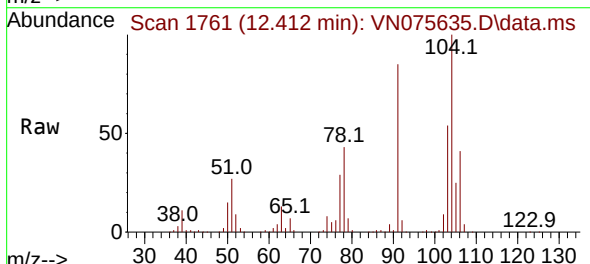
Manual Integrations
APPROVED

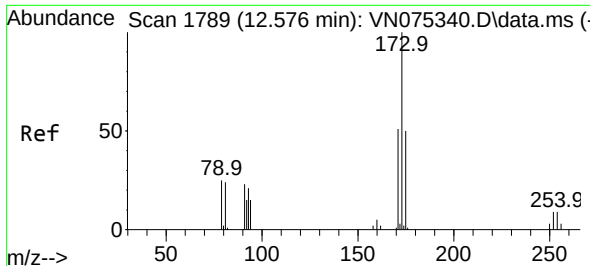
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#70
Styrene
Concen: 56.522 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

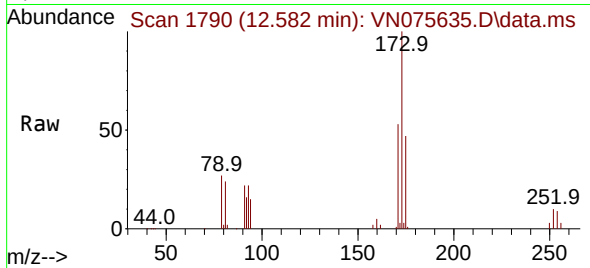
Tgt Ion:104 Resp: 291288
Ion Ratio Lower Upper
104 100
78 45.6 38.1 57.1
103 55.5 44.6 66.8





#71
Bromoform
Concen: 68.807 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

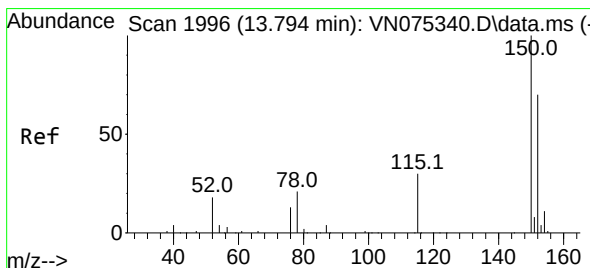
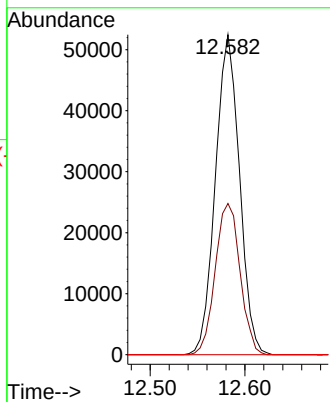
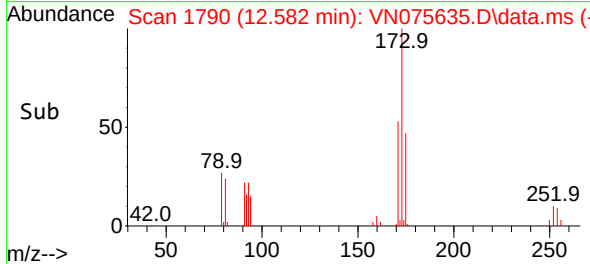
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



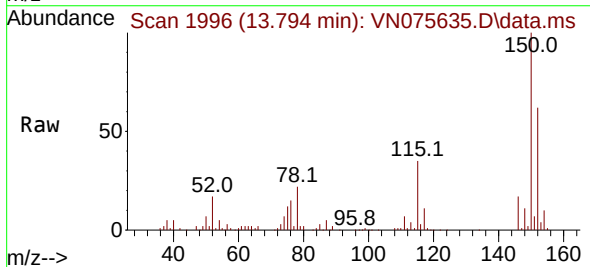
Tgt Ion:173 Resp: 92758
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

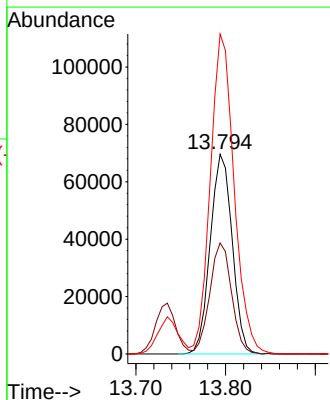
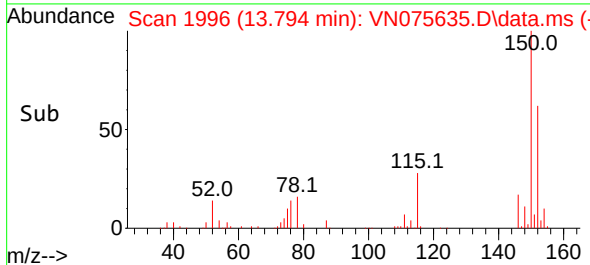
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

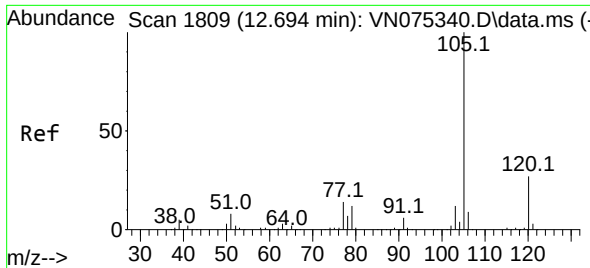


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion:152 Resp: 118365
Ion Ratio Lower Upper
152 100
115 55.0 30.2 90.6
150 173.5 0.0 348.4





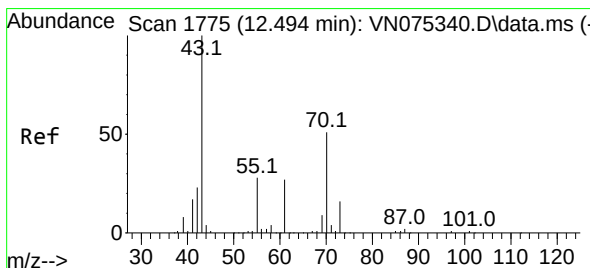
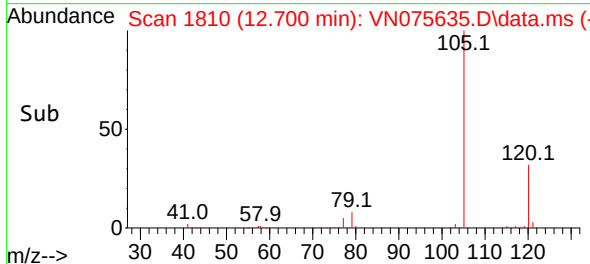
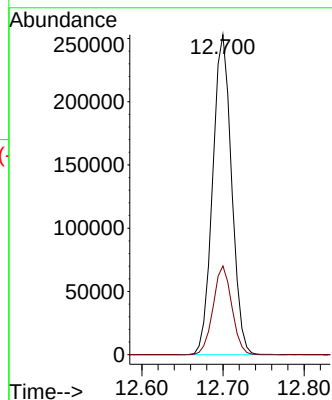
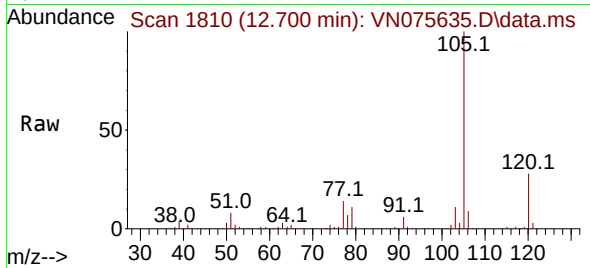
#73
Isopropylbenzene
Concen: 47.250 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 40860
Ion Ratio Lower Upper
105 100
120 27.4 13.1 39.1

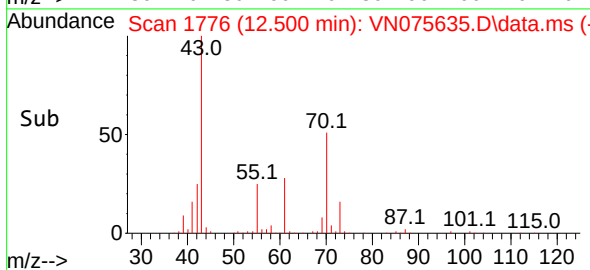
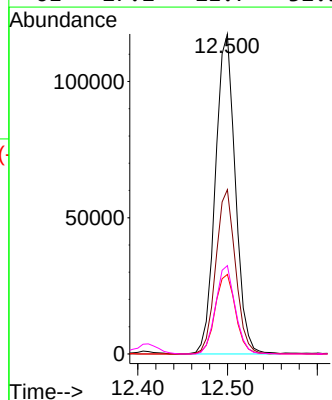
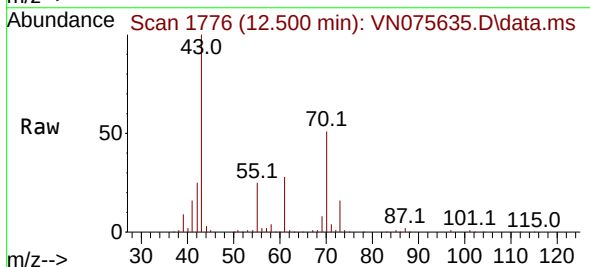
Manual Integrations
APPROVED

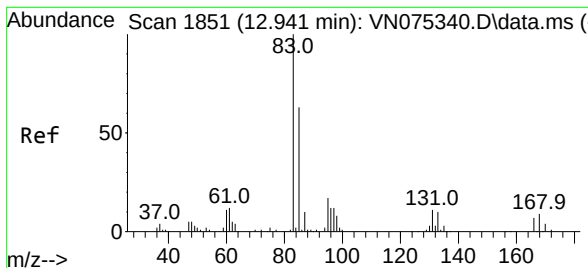
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#74
N-ethyl acetate
Concen: 68.147 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

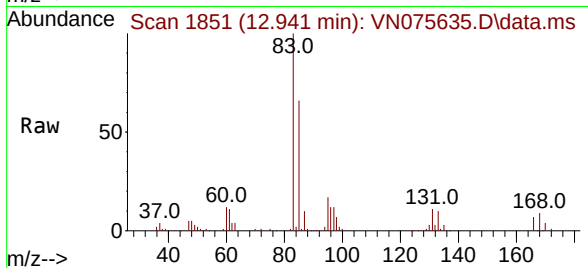
Tgt Ion: 43 Resp: 181174
Ion Ratio Lower Upper
43 100
70 50.9 39.8 59.8
55 25.5 19.9 29.9
61 27.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 61.170 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

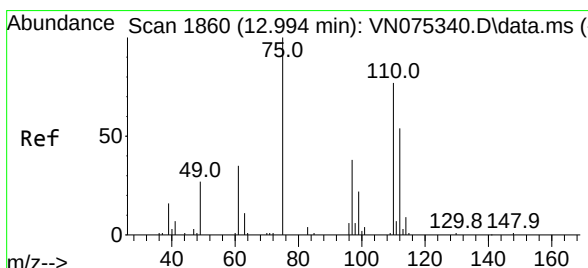
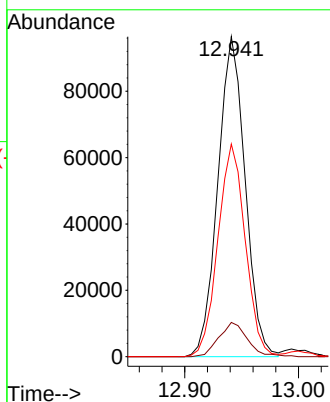
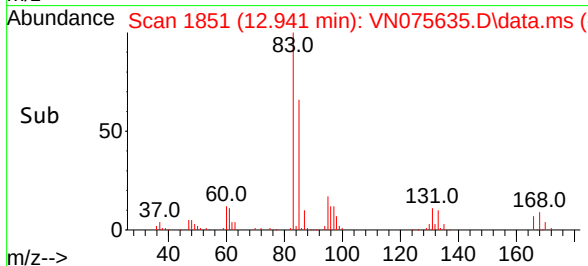
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



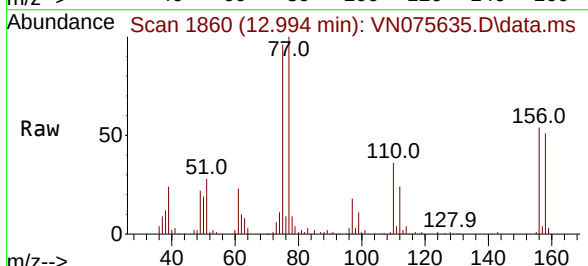
Tgt Ion: 83 Resp: 16127
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 66.5 31.6 94.7

Manual Integrations
APPROVED

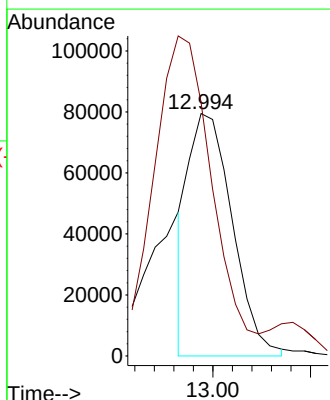
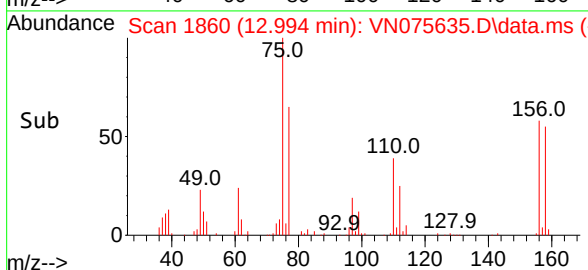
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

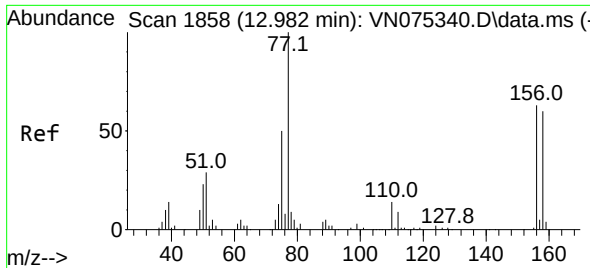


#76
1,2,3-Trichloropropane
Concen: 55.543 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



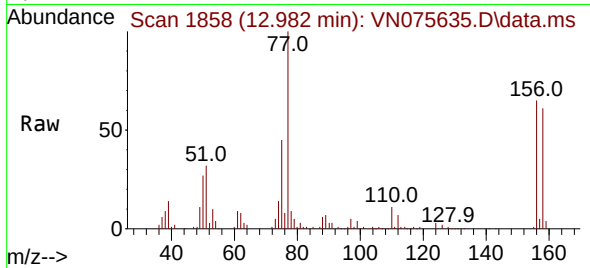
Tgt Ion: 75 Resp: 124303
Ion Ratio Lower Upper
75 100
77 176.8 75.6 226.8





#77
Bromobenzene
Concen: 55.303 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

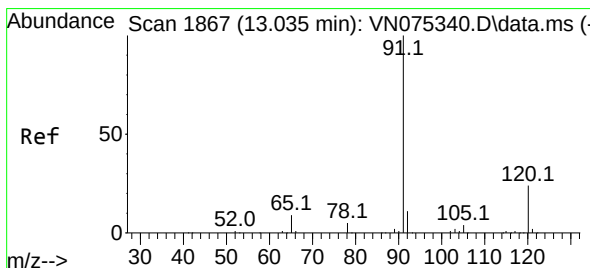
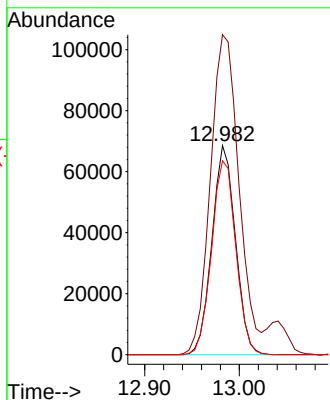
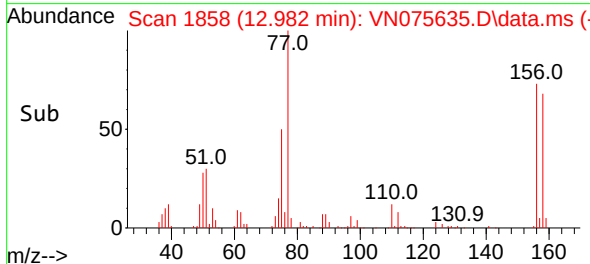
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



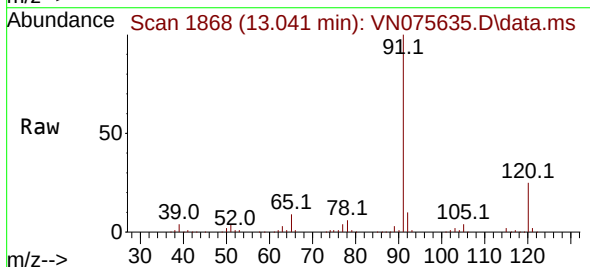
Tgt Ion:156 Resp: 118068
Ion Ratio Lower Upper
156 100
77 186.1 108.5 325.5
158 95.7 47.7 143.1

Manual Integrations
APPROVED

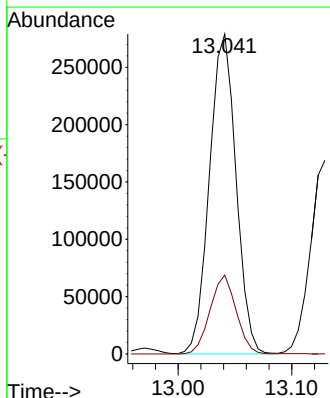
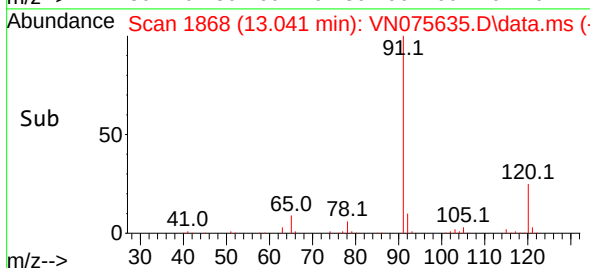
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

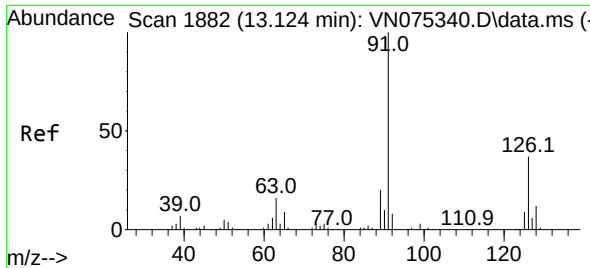


#78
n-propylbenzene
Concen: 47.054 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion: 91 Resp: 454115
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.786 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.005 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 289500

Ion Ratio Lower Upper

91 100

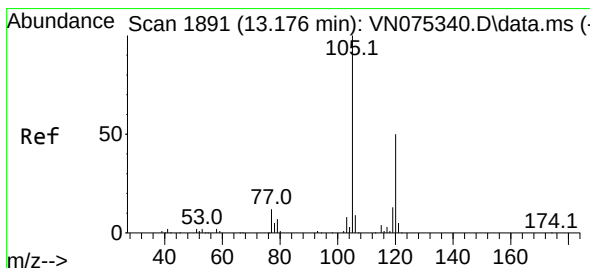
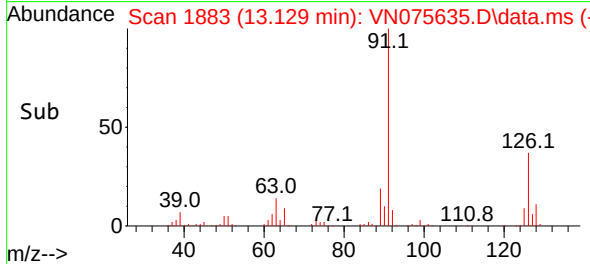
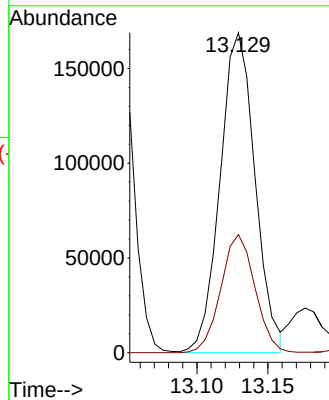
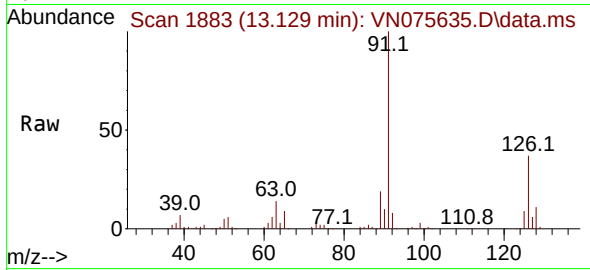
126 36.0 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#80

1,3,5-Trimethylbenzene

Concen: 50.284 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075635.D

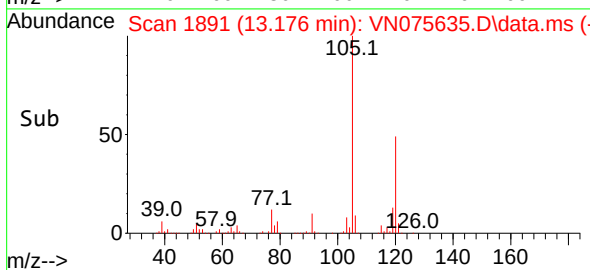
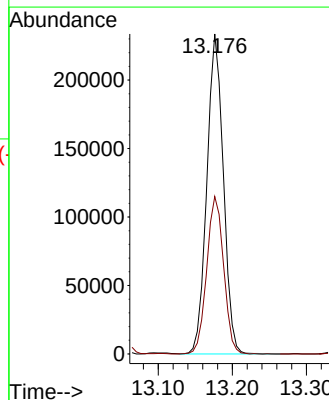
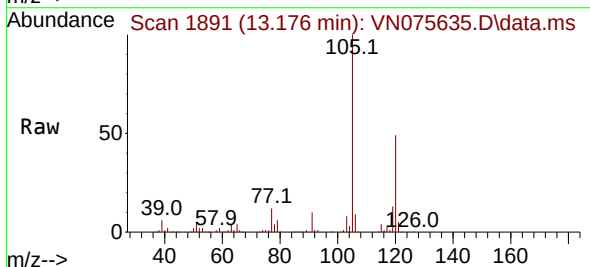
Acq: 08 Dec 2022 02:45

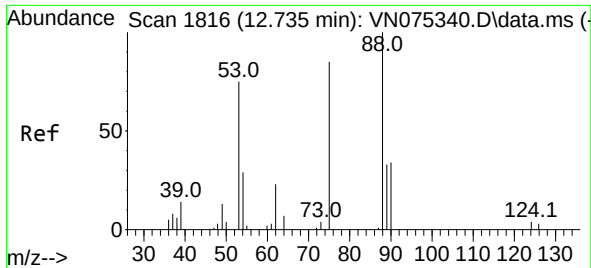
Tgt Ion:105 Resp: 361268

Ion Ratio Lower Upper

105 100

120 50.4 24.7 74.1





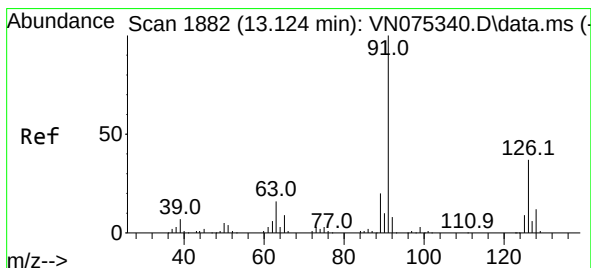
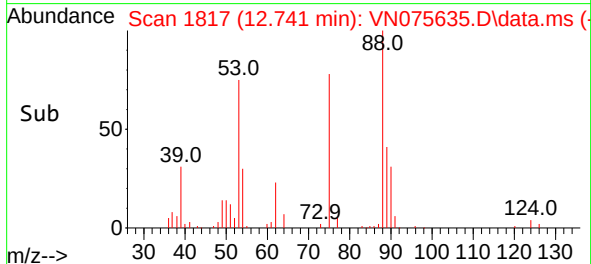
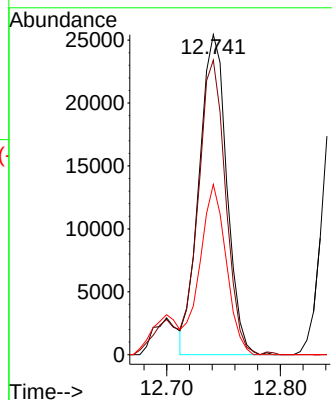
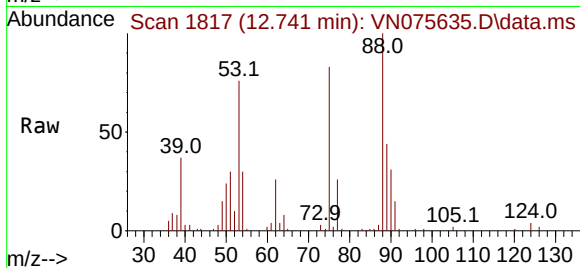
#81
trans-1,4-Dichloro-2-butene
Concen: 56.897 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 43030
Ion Ratio Lower Upper
75 100
53 90.3 78.5 117.7
89 50.9 37.7 56.5

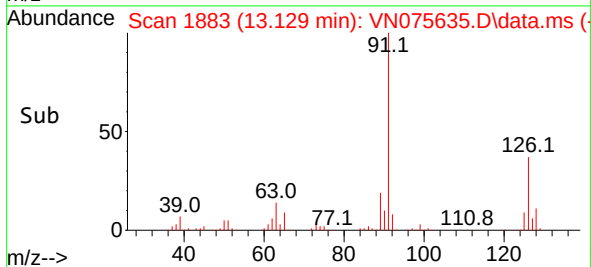
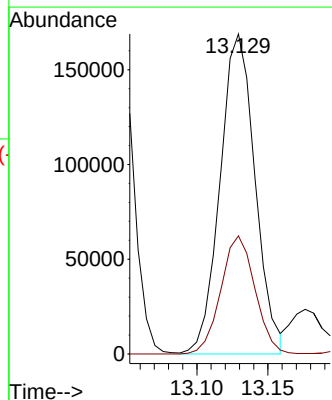
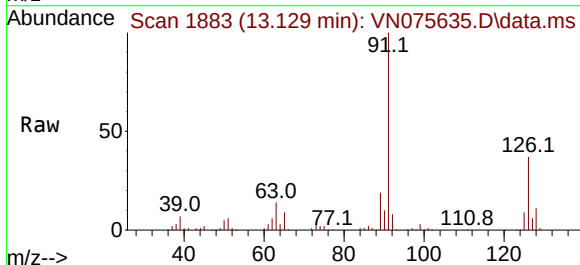
Manual Integrations
APPROVED

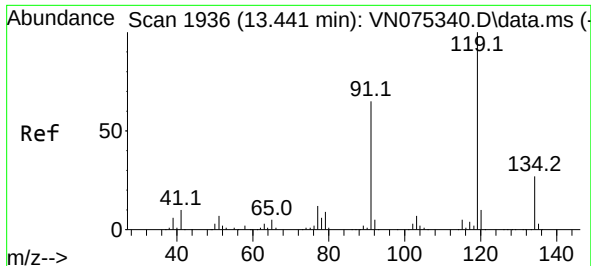
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#82
4-Chlorotoluene
Concen: 49.786 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

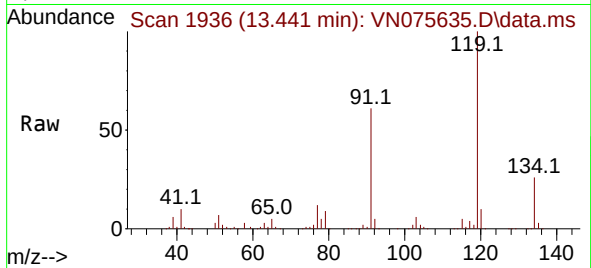
Tgt Ion: 91 Resp: 289500
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 46.702 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

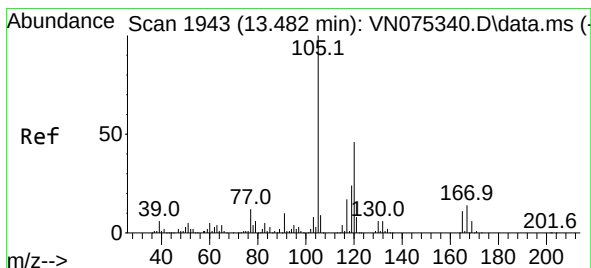
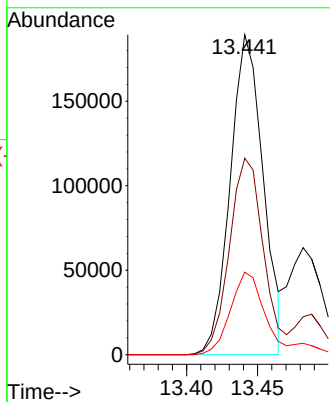
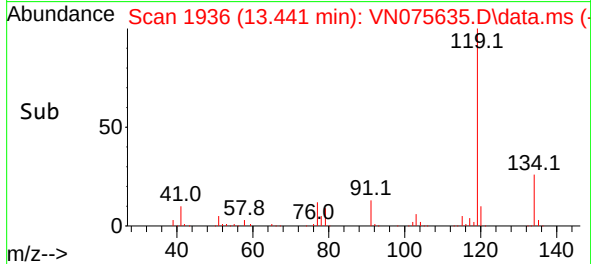
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



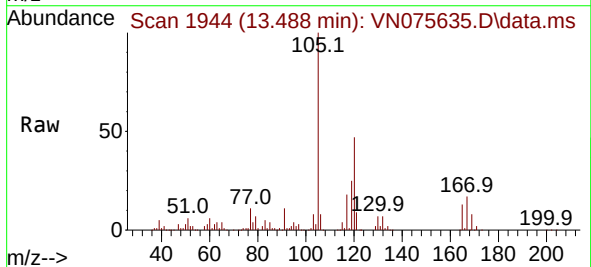
Tgt Ion:119 Resp: 305928
Ion Ratio Lower Upper
119 100
91 63.6 32.8 98.4
134 28.9 12.3 36.9

Manual Integrations
APPROVED

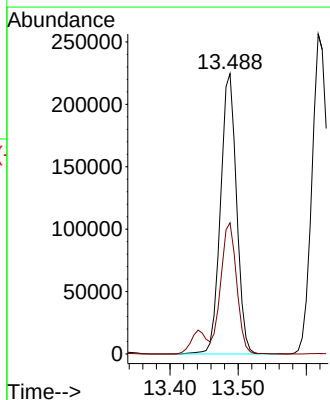
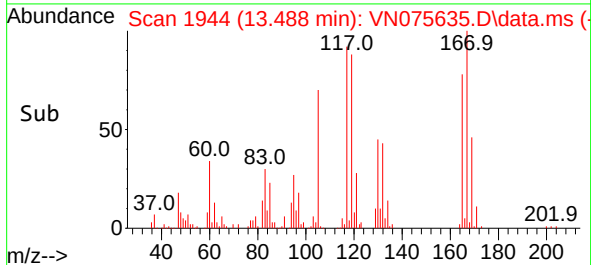
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

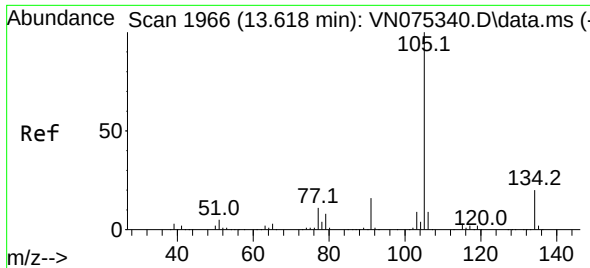


#84
1,2,4-Trimethylbenzene
Concen: 51.029 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45



Tgt Ion:105 Resp: 367749
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





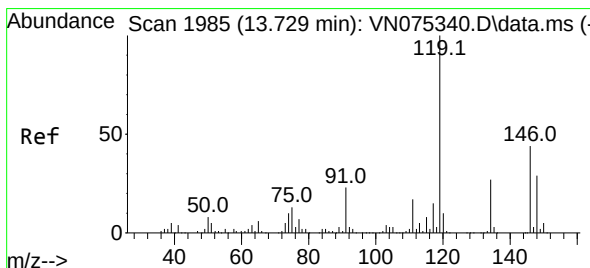
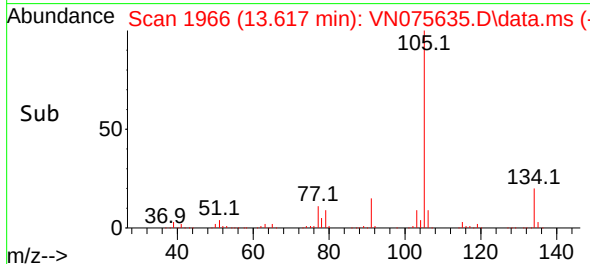
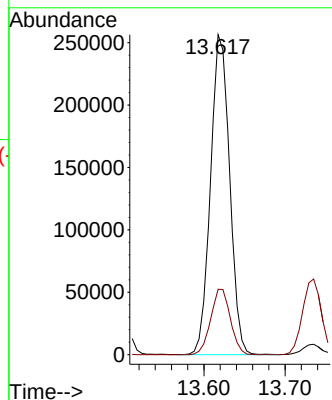
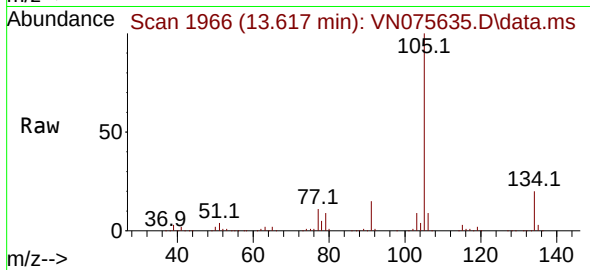
#85
 sec-Butylbenzene
 Concen: 47.162 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 41918
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

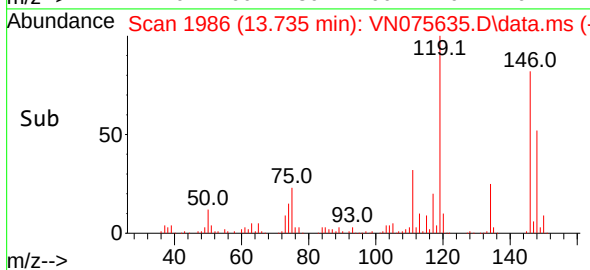
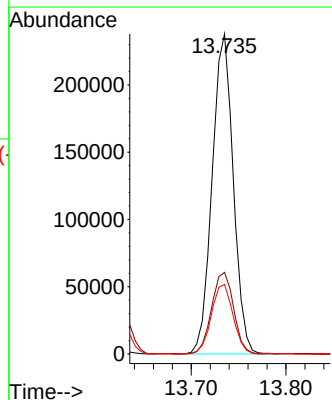
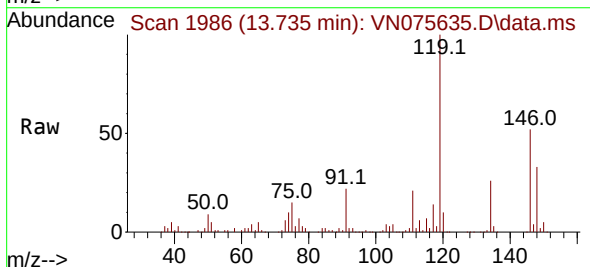
Manual Integrations
 APPROVED

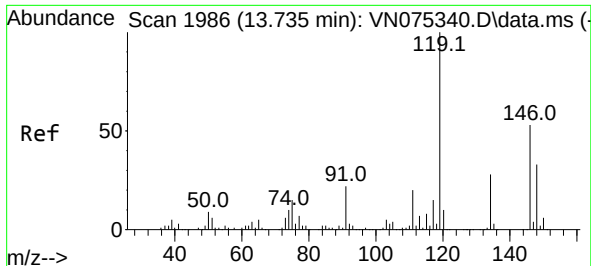
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#86
 p-Isopropyltoluene
 Concen: 49.242 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075635.D
 Acq: 08 Dec 2022 02:45

Tgt Ion:119 Resp: 368240
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.026 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 206400

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.5

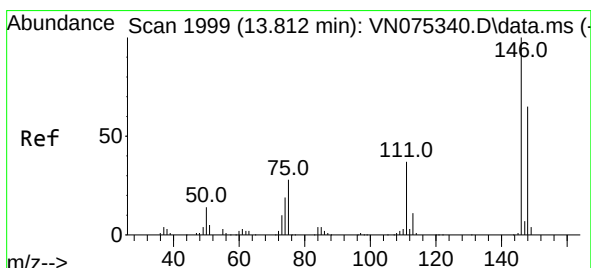
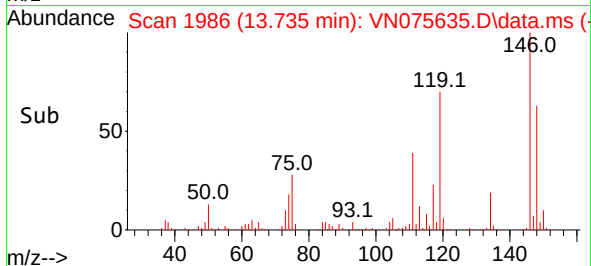
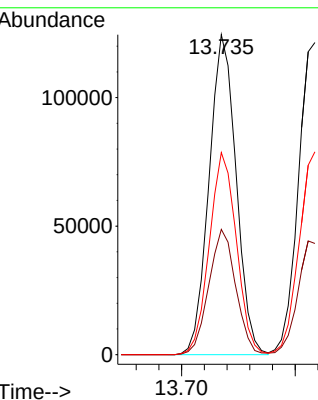
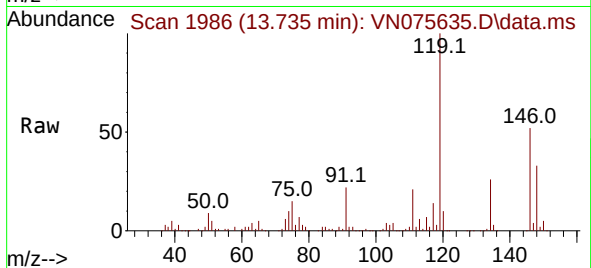
148 63.2 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#88

1,4-Dichlorobenzene

Concen: 50.250 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

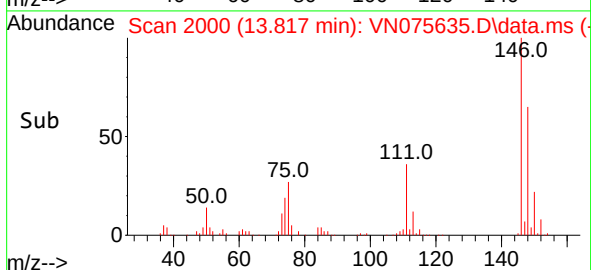
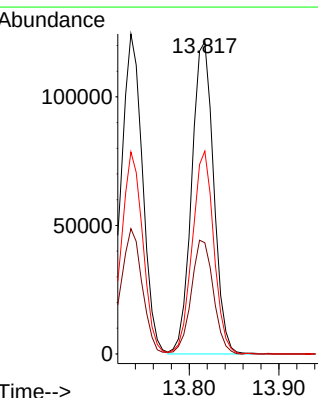
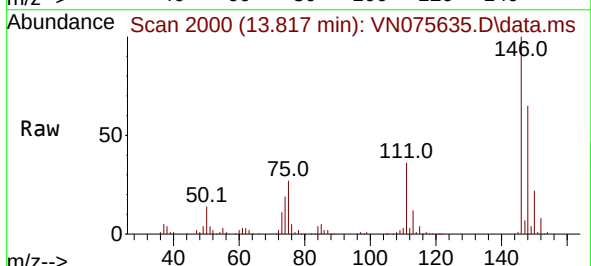
Tgt Ion:146 Resp: 206478

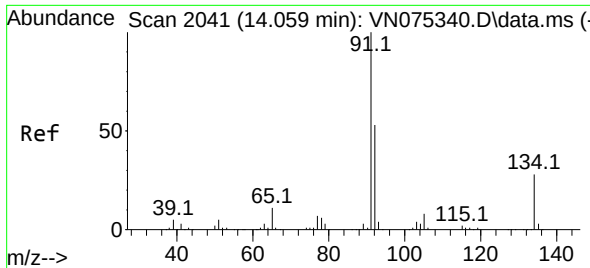
Ion Ratio Lower Upper

146 100

111 36.6 20.1 60.3

148 63.7 31.9 95.7





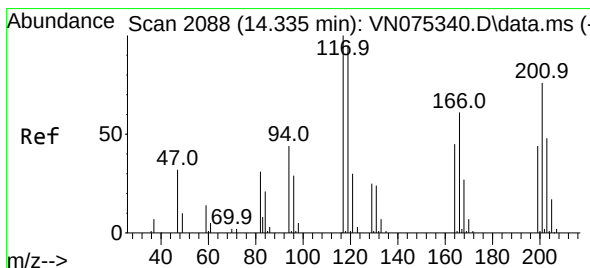
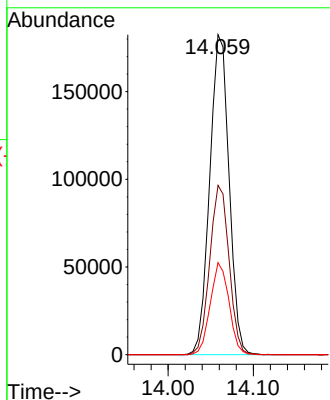
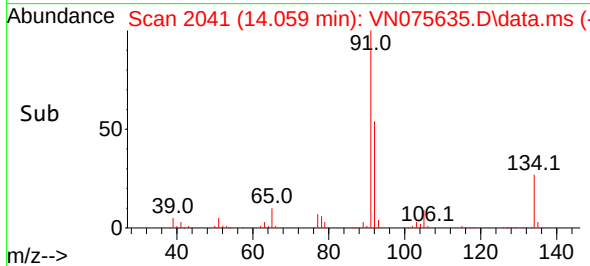
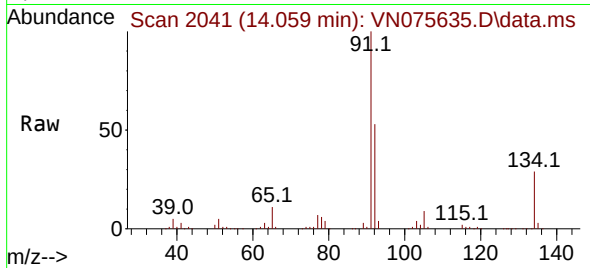
#89
n-Butylbenzene
Concen: 45.555 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 287730
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 27.8 13.0 39.0

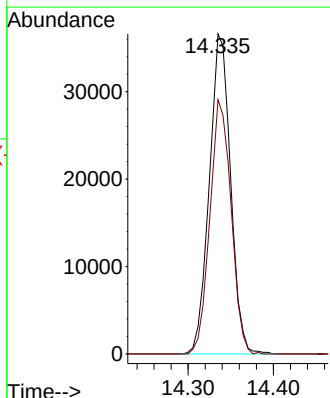
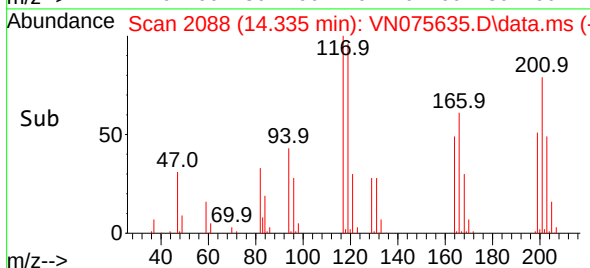
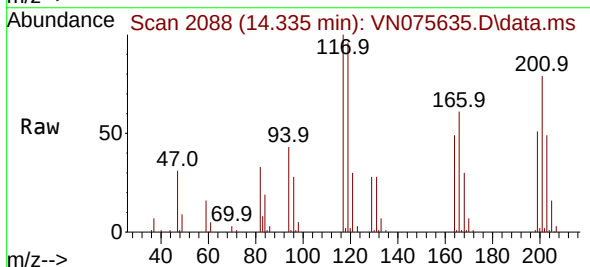
Manual Integrations
APPROVED

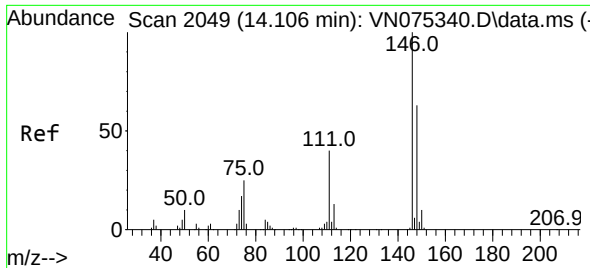
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#90
Hexachloroethane
Concen: 49.065 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Tgt Ion:117 Resp: 63299
Ion Ratio Lower Upper
117 100
201 79.3 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 54.794 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.005 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 216050

Ion Ratio Lower Upper

146 100

111 39.5 21.3 63.9

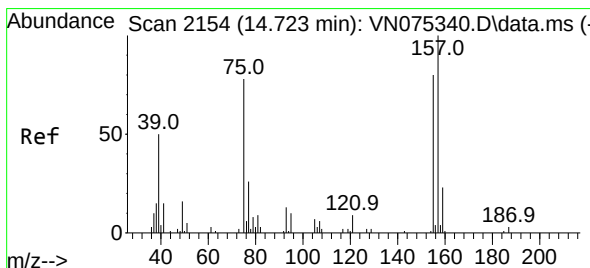
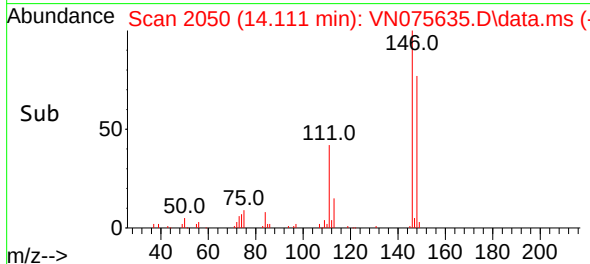
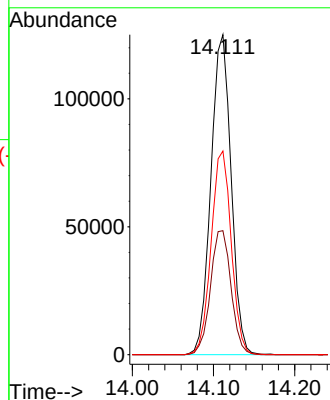
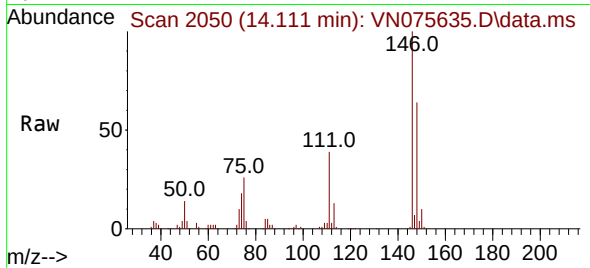
148 63.5 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 62.692 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

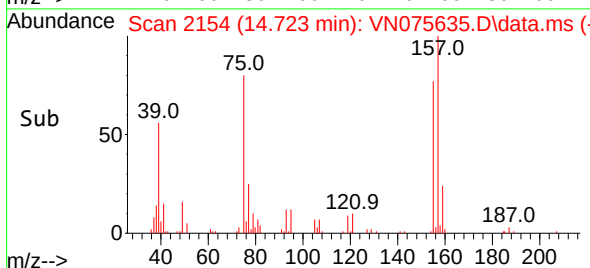
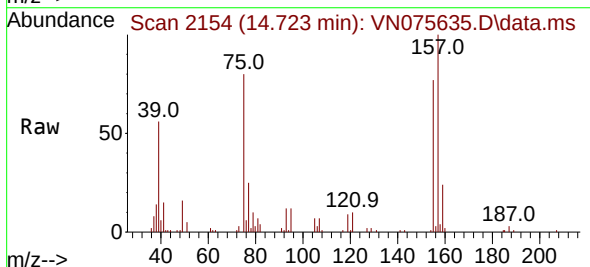
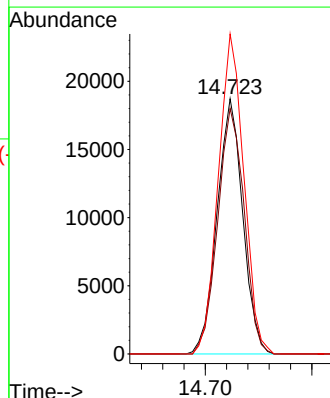
Tgt Ion: 75 Resp: 31310

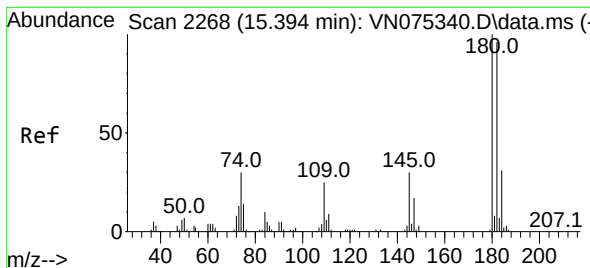
Ion Ratio Lower Upper

75 100

155 98.8 42.1 126.3

157 124.7 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 53.351 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075635.D

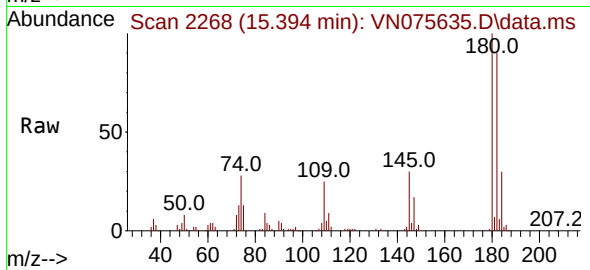
Acq: 08 Dec 2022 02:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



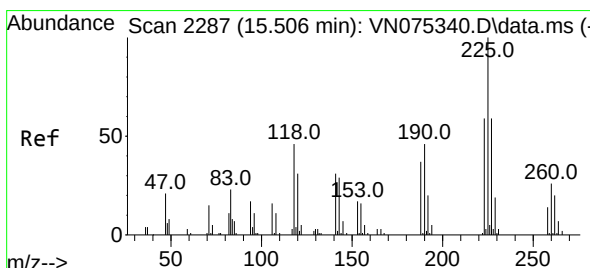
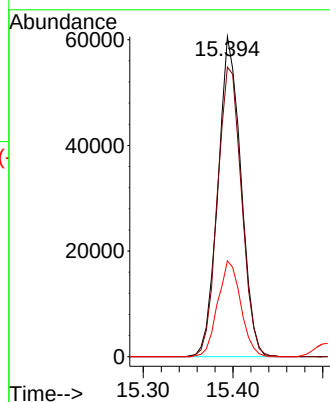
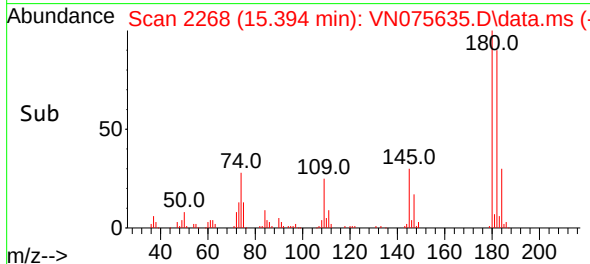
Tgt Ion:	180	Resp:	10780
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.8	143.4
145	29.9	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#94

Hexachlorobutadiene

Concen: 48.879 ug/l

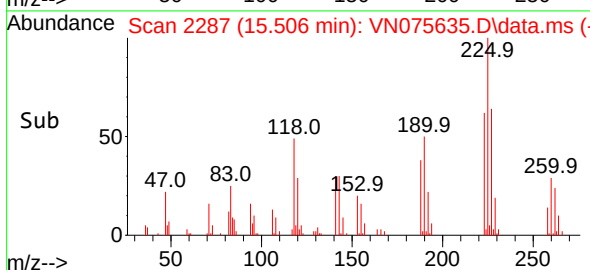
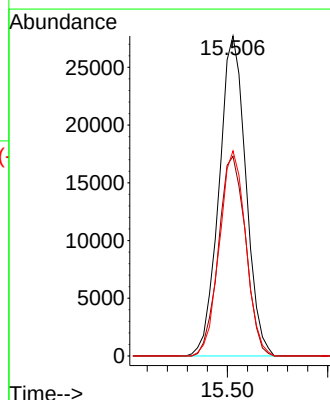
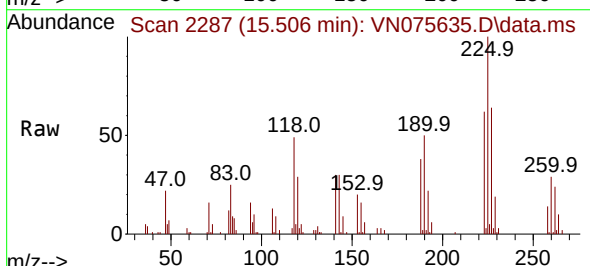
RT: 15.506 min Scan# 2287

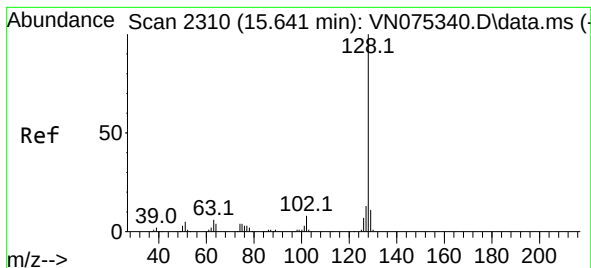
Delta R.T. -0.000 min

Lab File: VN075635.D

Acq: 08 Dec 2022 02:45

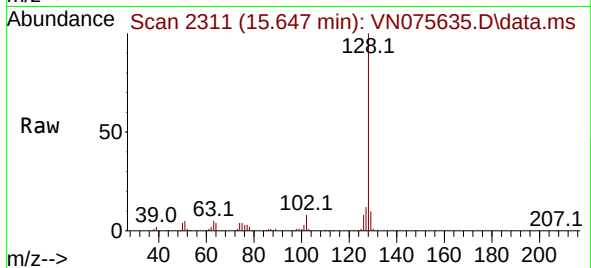
Tgt Ion:	225	Resp:	51445
Ion Ratio	Lower	Upper	
225	100		
223	62.9	32.3	96.9
227	62.9	32.0	96.2





#95
Naphthalene
Concen: 58.191 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

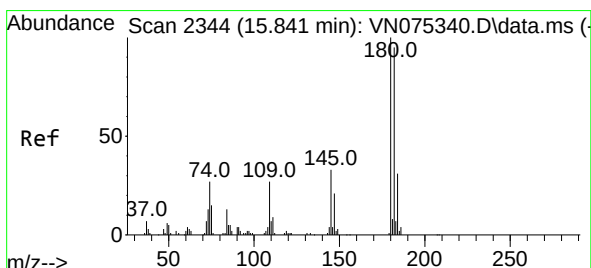
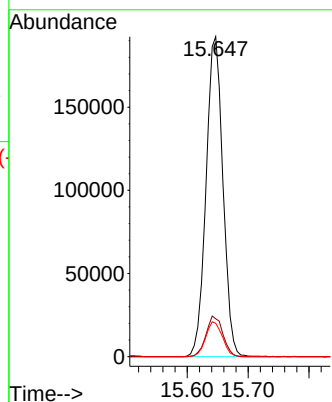
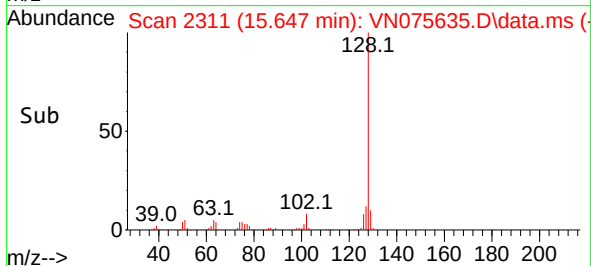
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 369909
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.268 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075635.D
Acq: 08 Dec 2022 02:45

Tgt Ion:180 Resp: 107773
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 33.5 17.6 52.9

