

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020922\
 Data File : VW024565.D
 Acq On : 09 Feb 2022 11:25
 Operator : SY/MD
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 13:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 09 13:19:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134846	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	111291	9.589	ug/L	0.00
7) Chloroethane-d5	1.568	69	92194	9.143	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	247202	10.809	ug/L	0.00
20) 2-Butanone-d5	3.899	46	142032	77.746	ug/L	0.00
24) Chloroform-d	4.349	84	204360	9.344	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	92318	9.342	ug/L	0.00
32) Benzene-d6	5.050	84	396829	9.775	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	117506	9.257	ug/L	0.00
41) Toluene-d8	7.313	98	370946	9.992	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	50486	11.195	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	190414	121.842	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	77244	10.133	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	117248	9.715	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	181731	11.494	ug/L	100
3) Chloromethane	1.243	50	170046	11.839	ug/L	98
5) Vinyl chloride	1.310	62	185213	12.658	ug/L	99
6) Bromomethane	1.523	94	112143	12.217	ug/L	99
8) Chloroethane	1.587	64	111734	12.848	ug/L	96
9) Trichlorofluoromethane	1.754	101	257717	12.377	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	143594	12.537	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	137488	12.740	ug/L	92
13) Acetone	2.195	43	84245	84.159	ug/L	82
14) Carbon disulfide	2.297	76	428272	12.920	ug/L	99
15) Methyl Acetate	2.439	43	27825	10.371	ug/L	92
16) Methylene chloride	2.510	84	125831	11.533	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	277914	13.863	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	133673	12.841	ug/L	92
19) 1,1-Dichloroethane	3.191	63	240252	12.533	ug/L	98
21) 2-Butanone	3.982	43	173936	93.627	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	140126	13.268	ug/L	93
23) Bromochloromethane	4.249	128	54089	11.905	ug/L	87
25) Chloroform	4.375	83	244529	11.342	ug/L	100
27) 1,2-Dichloroethane	5.130	62	137047	13.040	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	226434	13.059	ug/L	97
30) Cyclohexane	4.680	56	234794	13.926	ug/L	97
31) Carbon tetrachloride	4.828	117	194564	12.669	ug/L	100
33) Benzene	5.101	78	542949	13.527	ug/L	100
34) Trichloroethene	5.915	95	147121	13.018	ug/L	89
35) Methylcyclohexane	6.130	83	250577	14.305	ug/L	99
37) 1,2-Dichloropropane	6.172	63	131899	13.535	ug/L #	96
38) Bromodichloromethane	6.509	83	173033	13.000	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	205349	15.006	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	697690	149.437	ug/L	98
42) Toluene	7.387	91	595208	13.993	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	171507	15.089	ug/L	99

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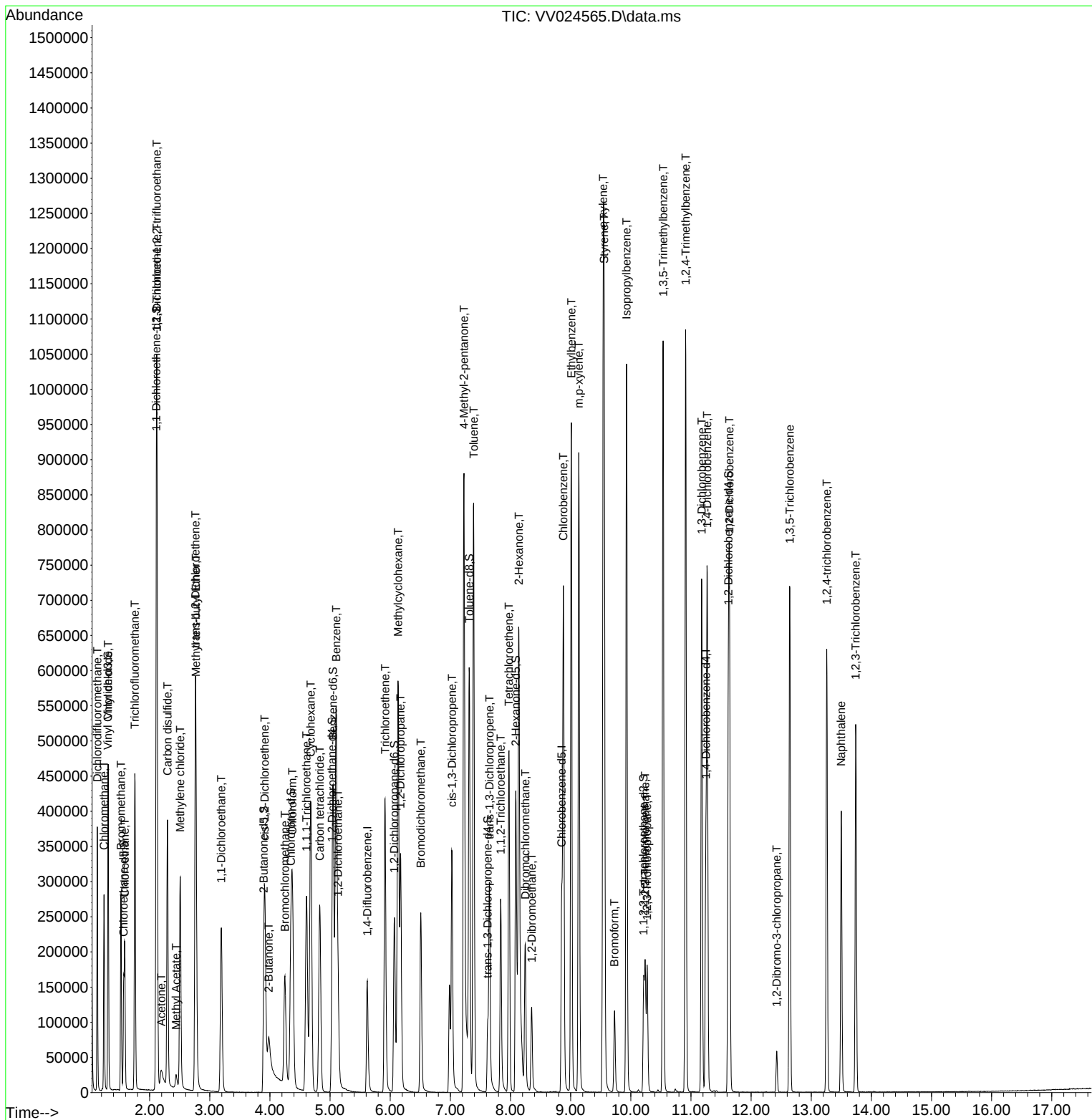
Quant Time: Feb 09 13:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 09 13:19:51 2022
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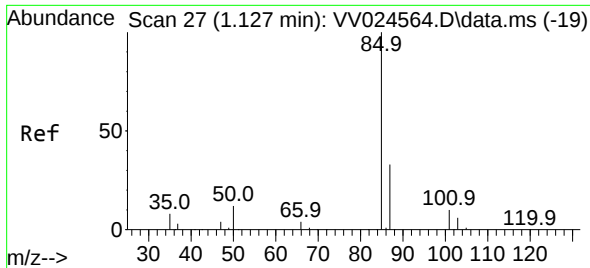
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.837	97	86806	13.210	ug/L	97
47) Tetrachloroethene	7.976	164	97599	11.479	ug/L	91
48) 2-Hexanone	8.140	43	495423	147.007	ug/L	99
49) Dibromochloromethane	8.246	129	105904	13.166	ug/L	99
50) 1,2-Dibromoethane	8.352	107	82393	13.433	ug/L #	97
51) Chlorobenzene	8.879	112	360133	13.204	ug/L	93
52) Ethylbenzene	9.011	91	658550	14.384	ug/L	97
53) m,p-xylene	9.136	106	248624	14.386	ug/L	92
54) o-xylene	9.541	106	241394	14.893	ug/L	93
55) Styrene	9.558	104	404320	15.086	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	88860	13.676	ug/L	99
59) Bromoform	9.728	173	48874	12.990	ug/L #	96
60) Isopropylbenzene	9.931	105	657690	16.159	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	73509	14.716	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	567079	17.009	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	565960	16.756	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	266917	13.914	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	265937	13.614	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	236275	13.481	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	15357	15.777	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.644	180	193142	12.728	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	159169	13.462	ug/L	97
71) Naphthalene	13.500	128	294869	17.680	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	134594	13.456	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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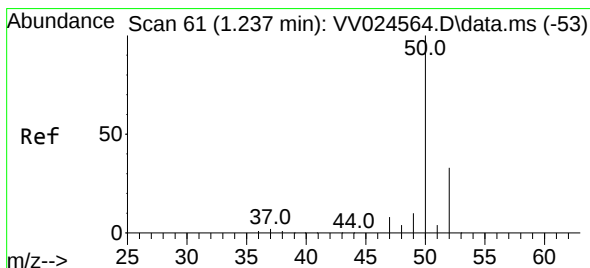
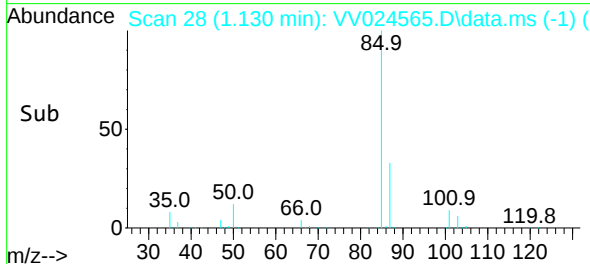
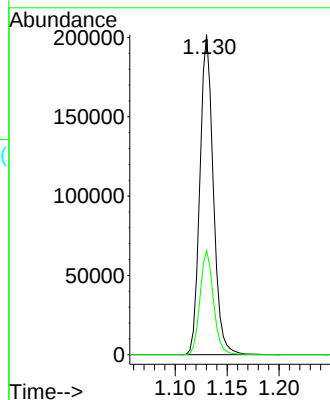
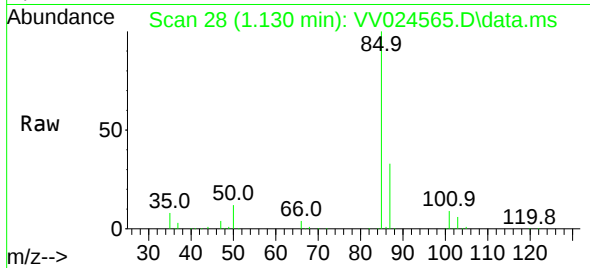




#2
 Dichlorodifluoromethane
 Concen: 11.494 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

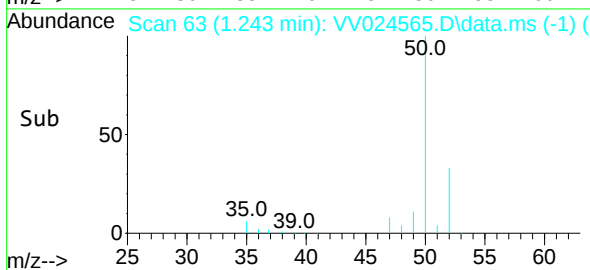
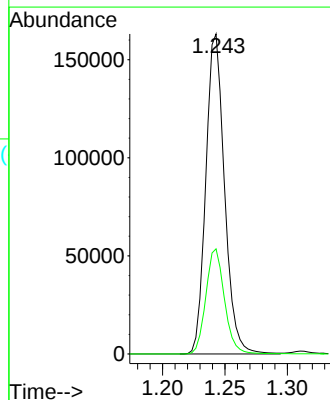
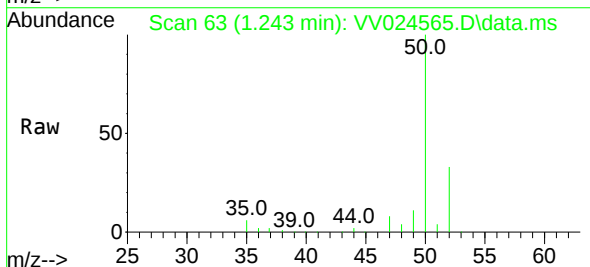
Instrument :
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 ClientSampleId :

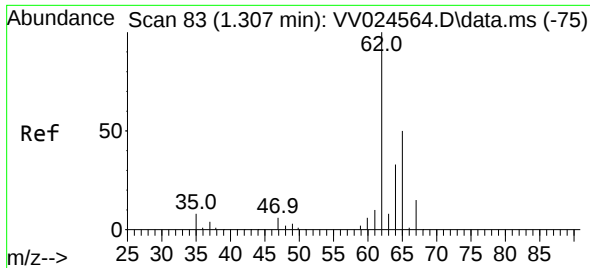
Tgt Ion: 85 Resp: 181731
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 11.839 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.006 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

Tgt Ion: 50 Resp: 170046
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 41.0

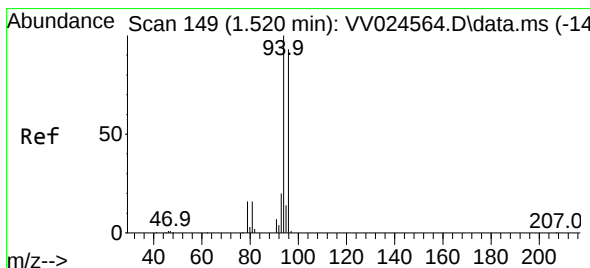
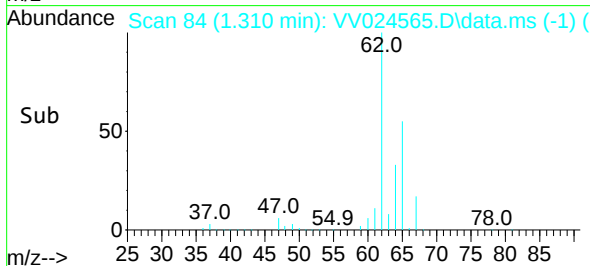
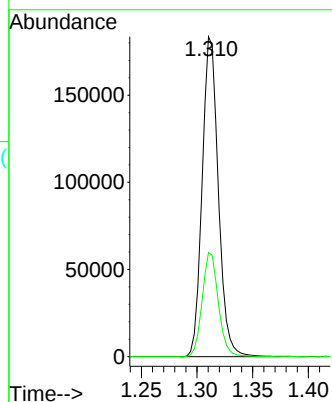
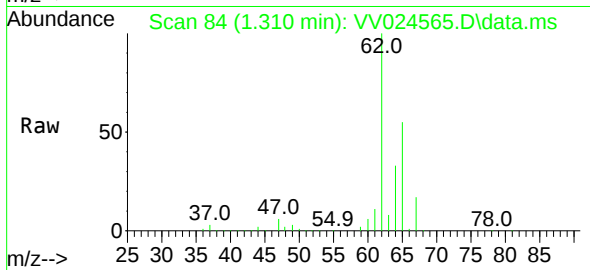




#5
 Vinyl chloride
 Concen: 12.658 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

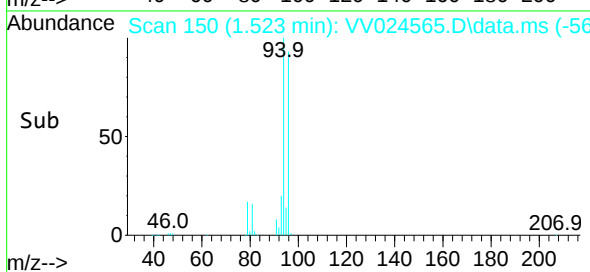
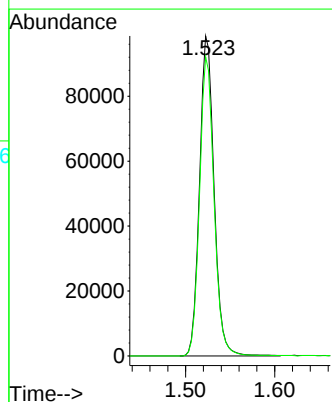
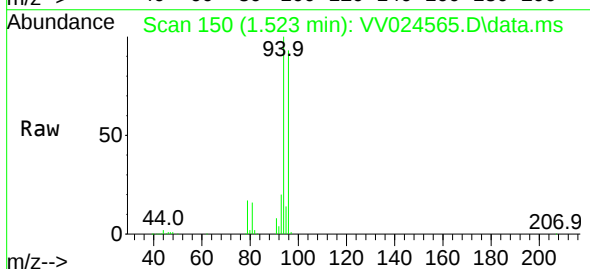
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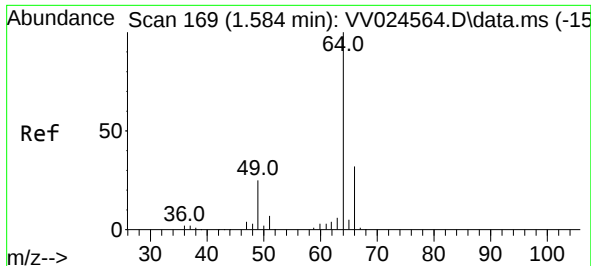
Tgt Ion: 62 Resp: 185213
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#6
 Bromomethane
 Concen: 12.217 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

Tgt Ion: 94 Resp: 112143
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.2 123.0

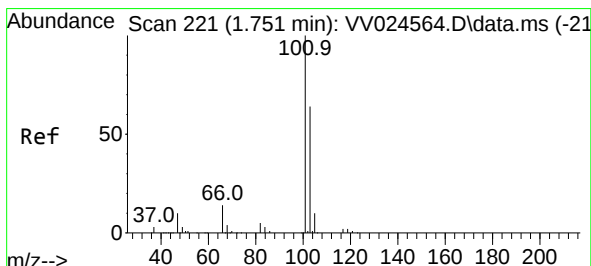
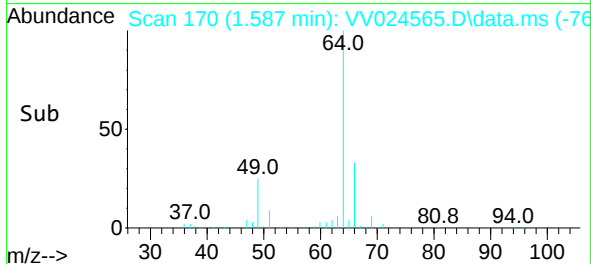
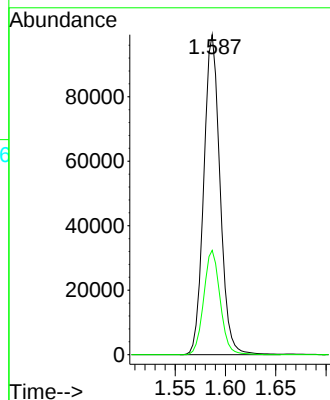
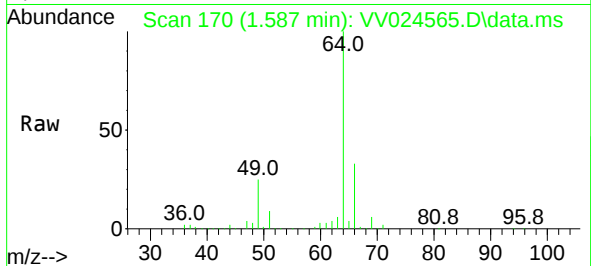




#8
Chloroethane
Concen: 12.848 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

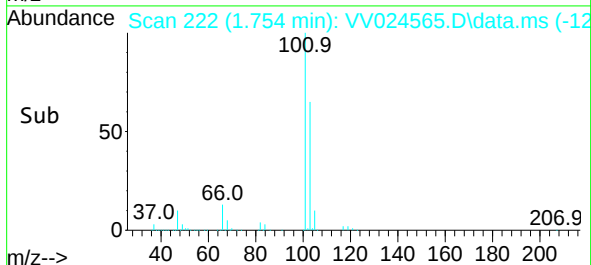
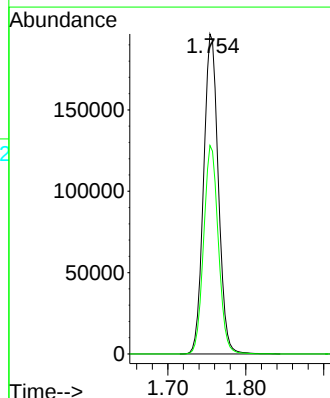
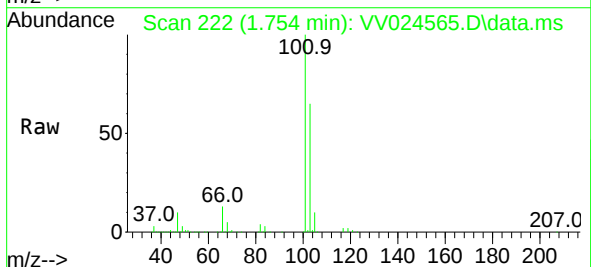
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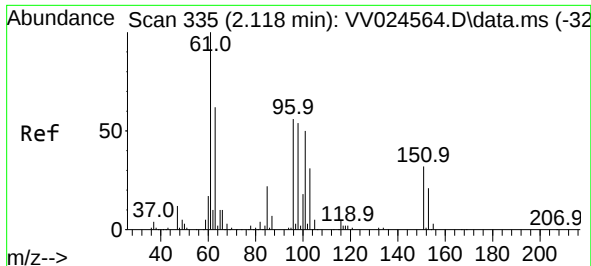
Tgt Ion: 64 Resp: 111734
Ion Ratio Lower Upper
64 100
66 32.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 12.377 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Tgt Ion: 101 Resp: 257717
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

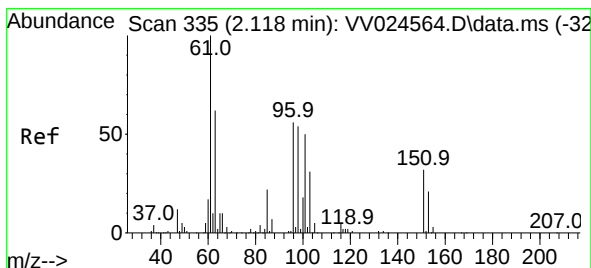
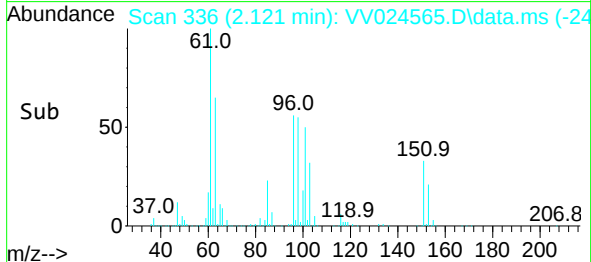
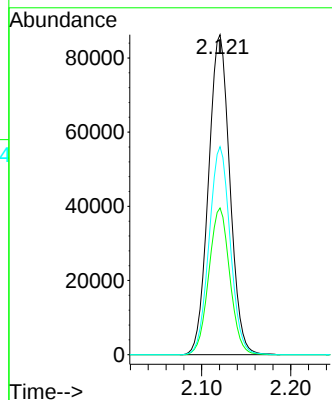
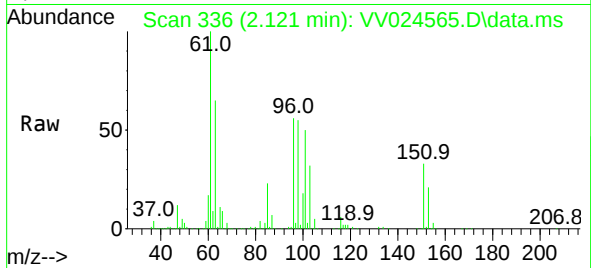




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.537 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

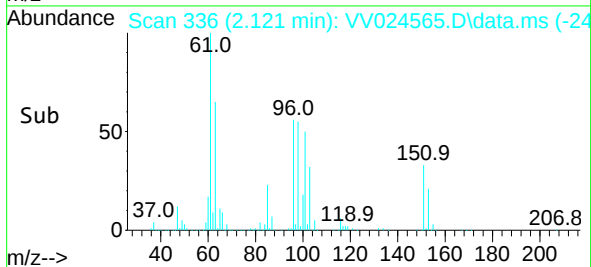
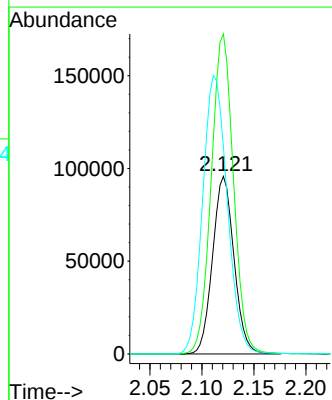
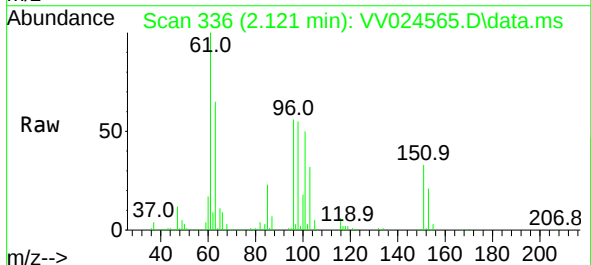
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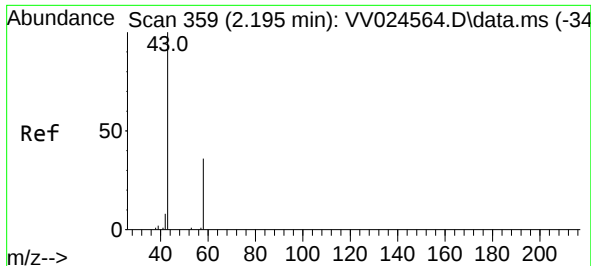
Tgt Ion:101 Resp: 143594
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.0 54.0
 151 64.4 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 12.740 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

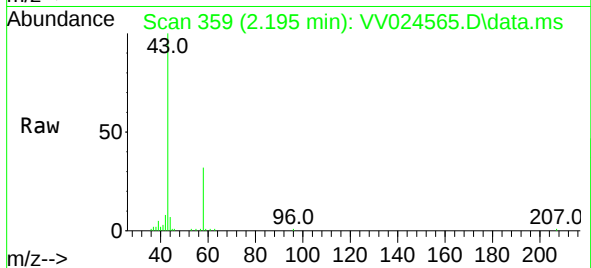
Tgt Ion: 96 Resp: 137488
 Ion Ratio Lower Upper
 96 100
 61 180.1 116.1 215.5
 63 116.7 79.4 147.4



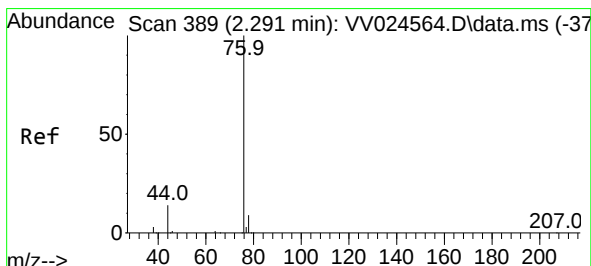
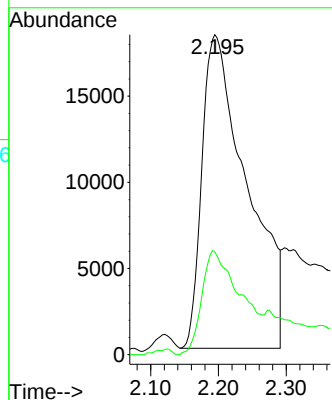
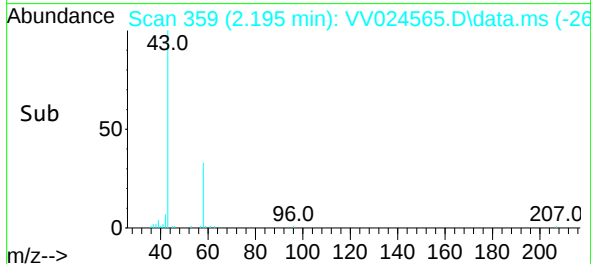


#13
Acetone
Concen: 84.159 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

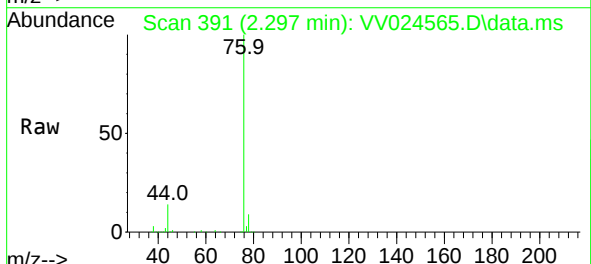
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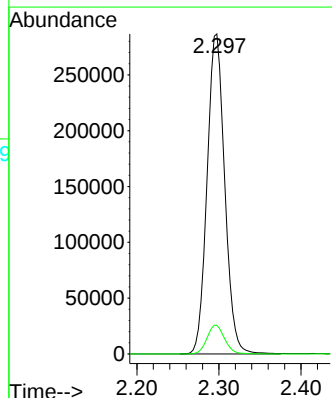
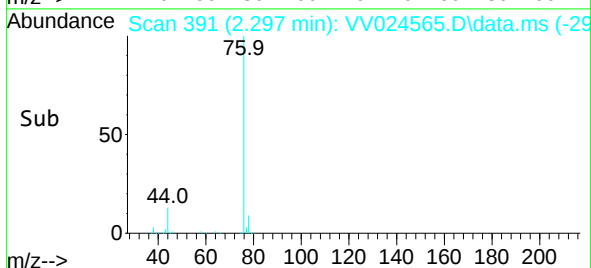
Tgt Ion: 43 Resp: 84245
Ion Ratio Lower Upper
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58 28.9 0.0 41.4

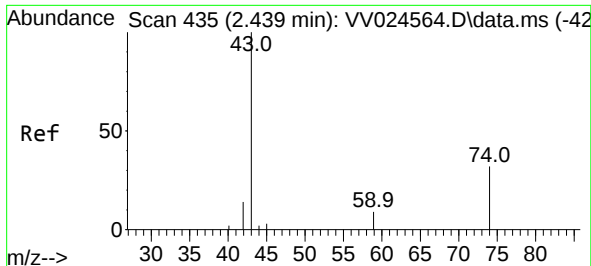


#14
Carbon disulfide
Concen: 12.920 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25



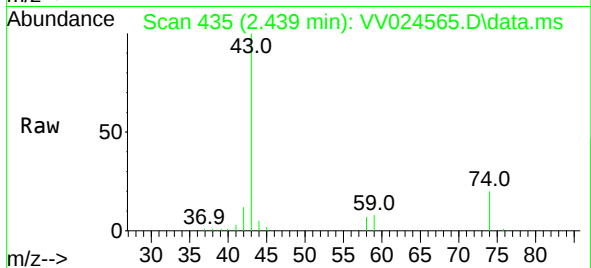
Tgt Ion: 76 Resp: 428272
Ion Ratio Lower Upper
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78 9.0 7.5 11.3



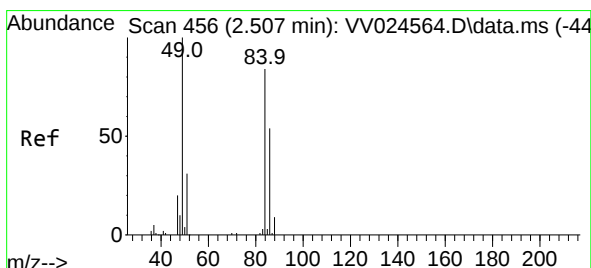
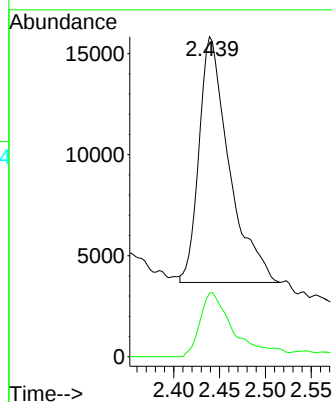
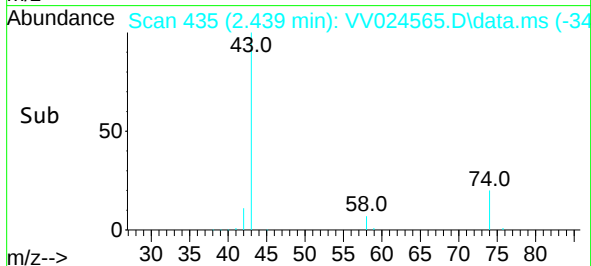


#15
Methyl Acetate
Concen: 10.371 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

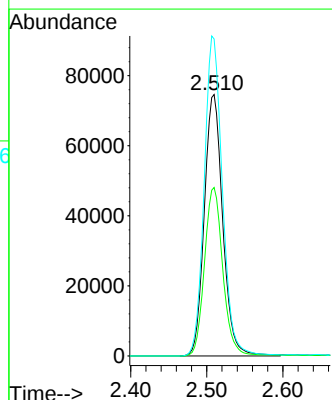
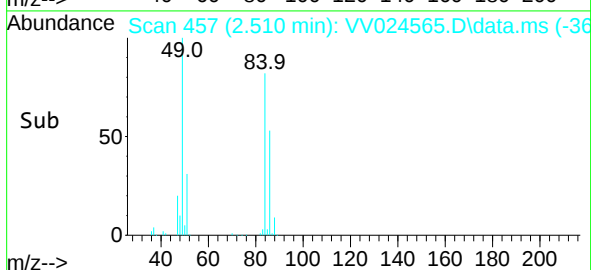
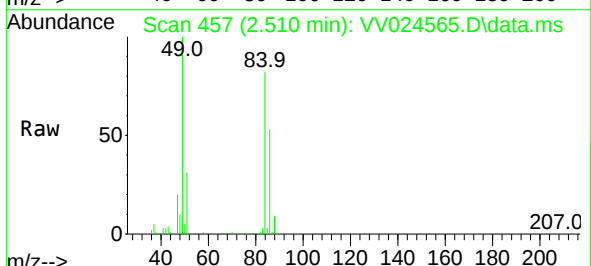


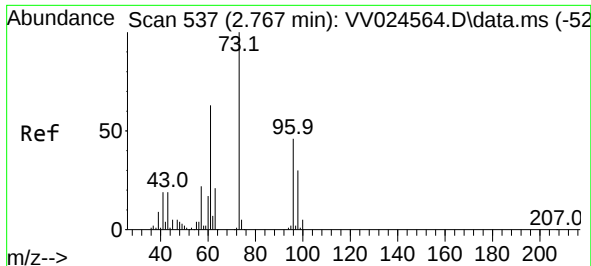
Tgt Ion: 43 Resp: 27825
Ion Ratio Lower Upper
43 100
74 29.1 20.2 30.2



#16
Methylene chloride
Concen: 11.533 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

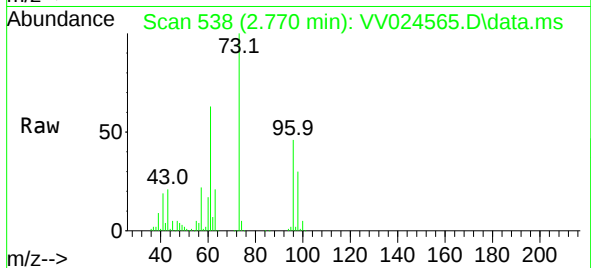
Tgt Ion: 84 Resp: 125831
Ion Ratio Lower Upper
84 100
86 64.5 42.6 79.0
49 121.2 79.7 147.9



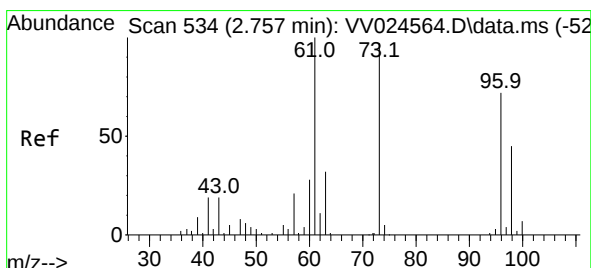
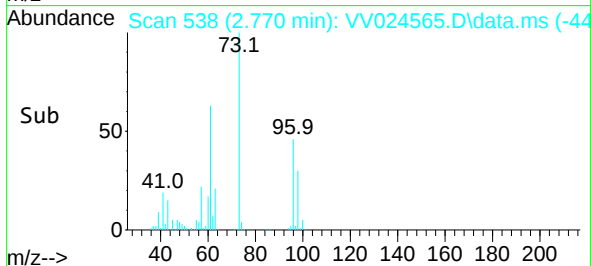
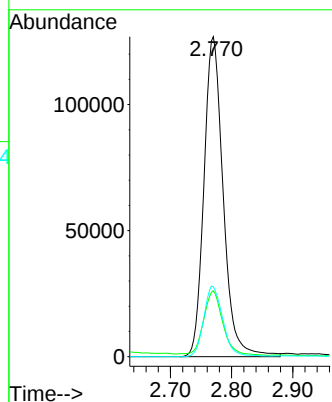


#17
Methyl tert-butyl Ether
Concen: 13.863 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

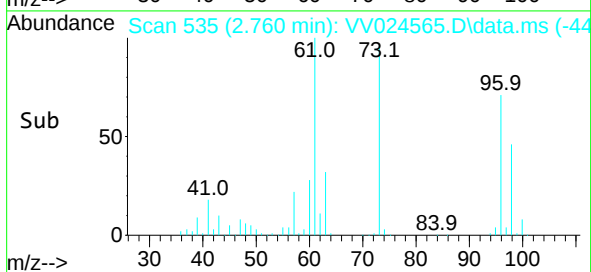
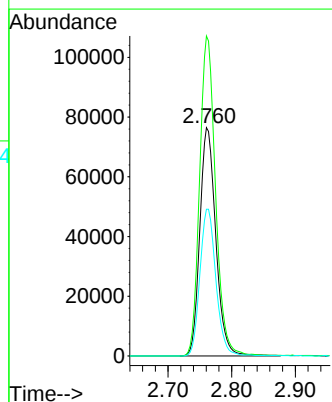
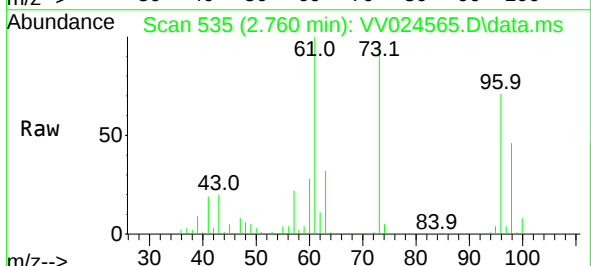


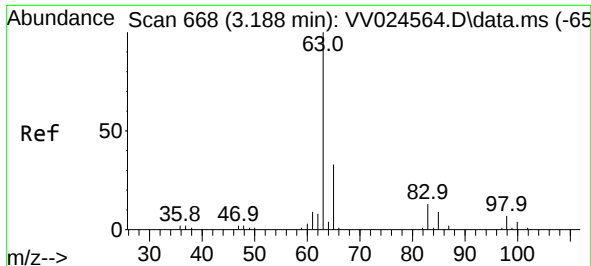
Tgt Ion: 73 Resp: 277914
Ion Ratio Lower Upper
73 100
43 20.1 15.5 23.3
57 21.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 12.841 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Tgt Ion: 96 Resp: 133673
Ion Ratio Lower Upper
96 100
61 140.2 88.2 163.8
98 64.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 12.533 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

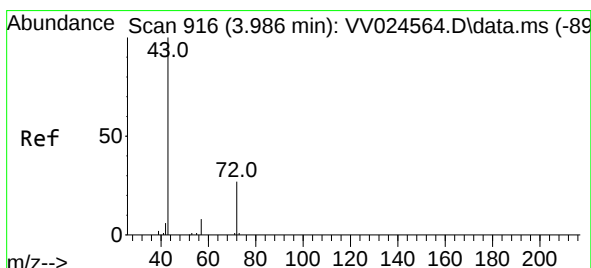
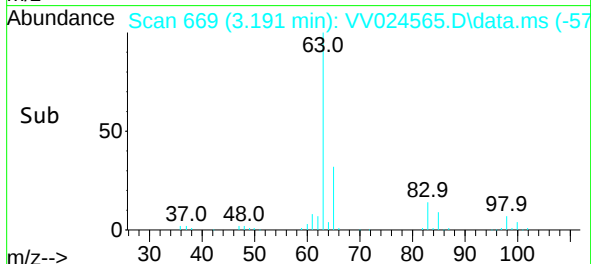
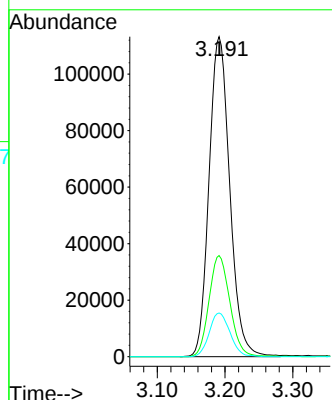
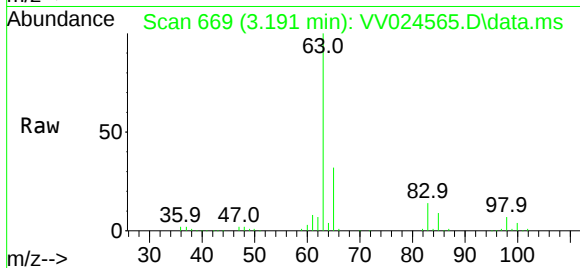
Tgt Ion: 63 Resp: 240252

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.6 10.7 19.9



#21

2-Butanone

Concen: 93.627 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.003 min

Lab File: VV024565.D

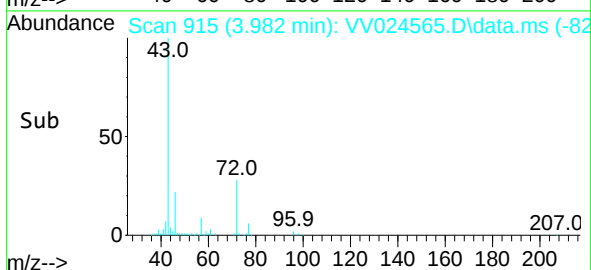
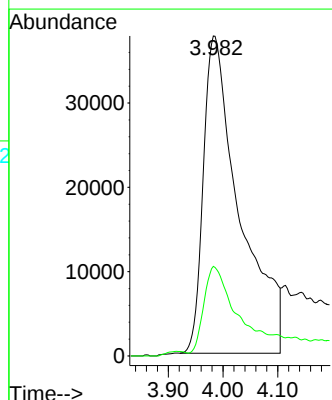
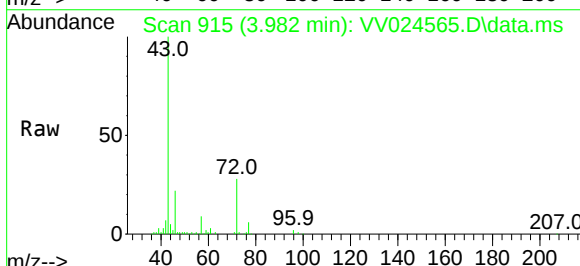
Acq: 09 Feb 2022 11:25

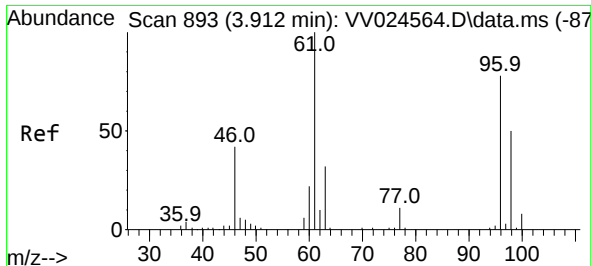
Tgt Ion: 43 Resp: 173936

Ion Ratio Lower Upper

43 100

72 24.8 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 13.268 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

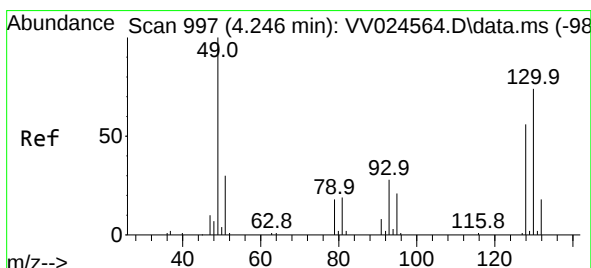
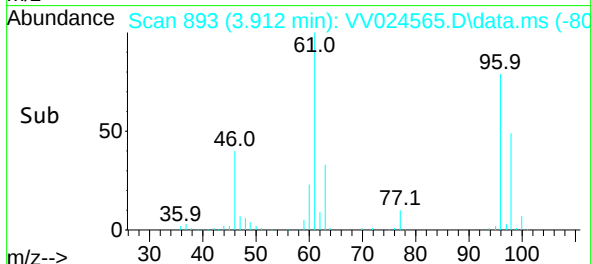
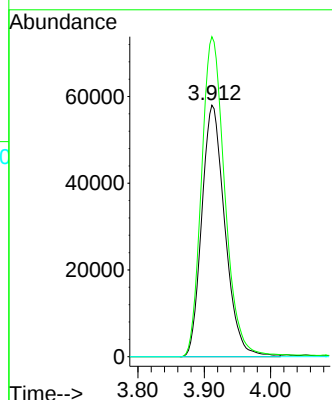
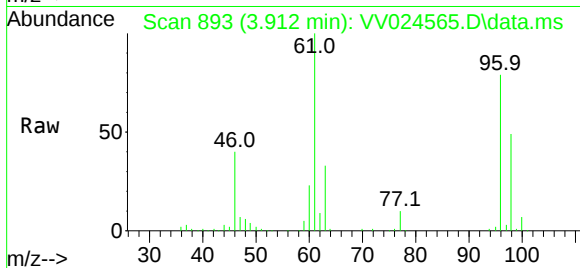
Tgt Ion: 96 Resp: 140126

Ion Ratio Lower Upper

96 100

61 127.3 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 11.905 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.003 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Tgt Ion: 128 Resp: 54089

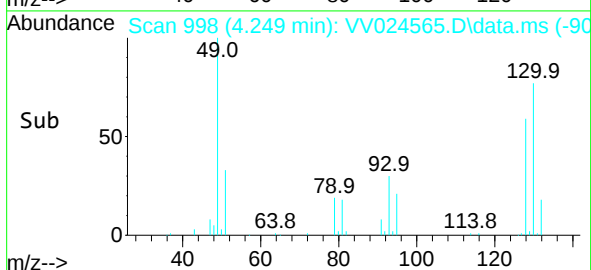
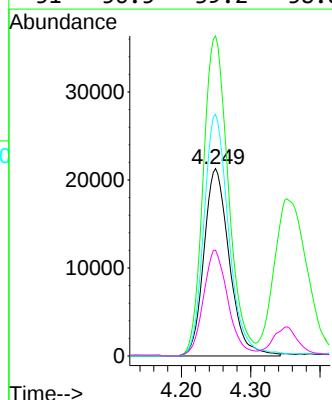
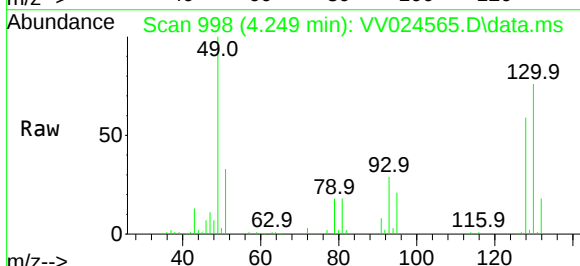
Ion Ratio Lower Upper

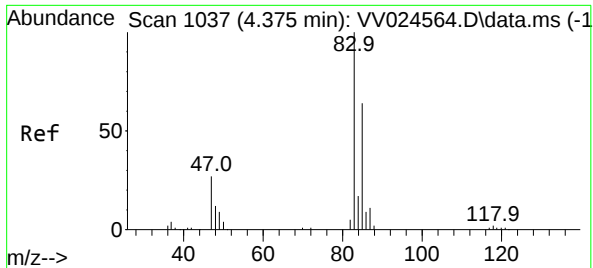
128 100

49 170.8 100.2 186.2

130 129.0 92.5 171.7

51 56.5 39.2 58.8

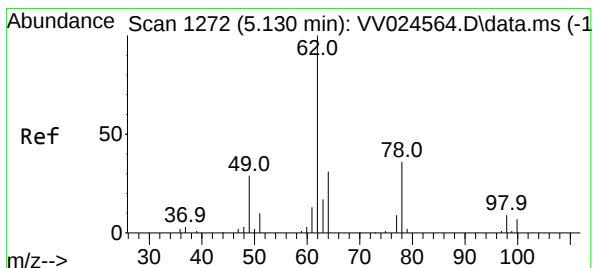
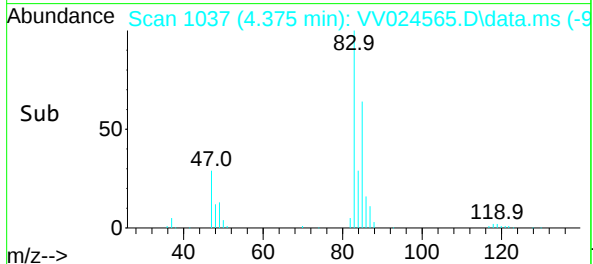
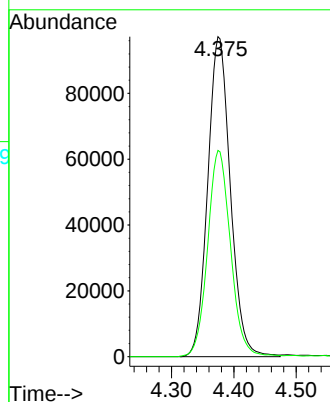
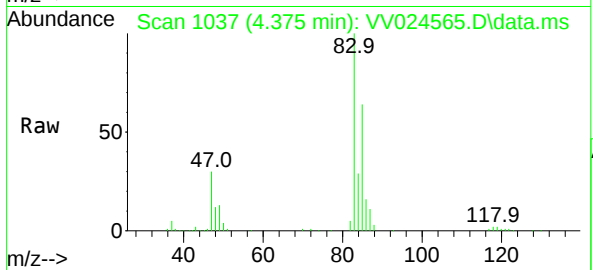




#25
Chloroform
Concen: 11.342 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

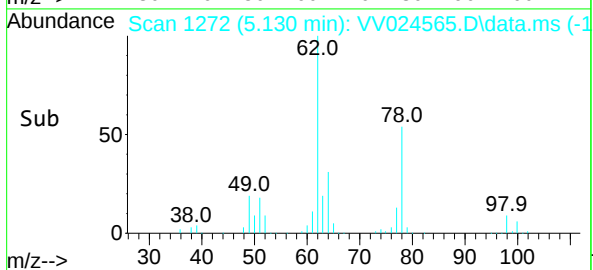
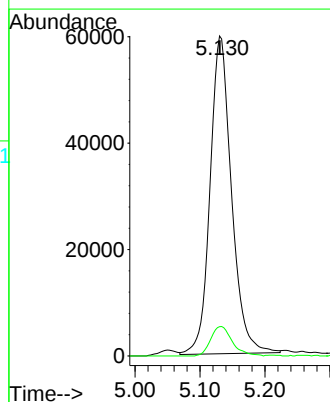
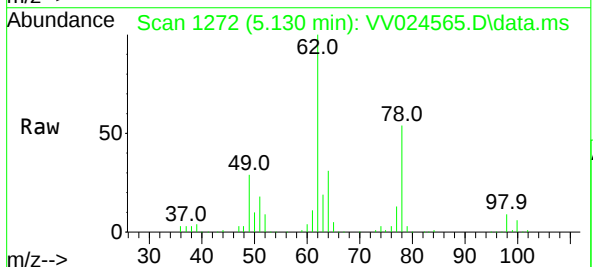
Instrument :
MSVOA_V
ClientSampleId :

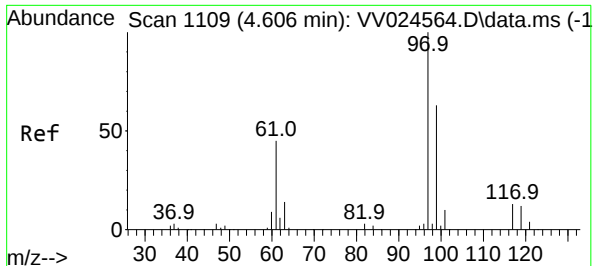
Tgt Ion: 83 Resp: 244529
Ion Ratio Lower Upper
83 100
85 64.5 45.2 84.0



#27
1,2-Dichloroethane
Concen: 13.040 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Tgt Ion: 62 Resp: 137047
Ion Ratio Lower Upper
62 100
98 9.2 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 13.059 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

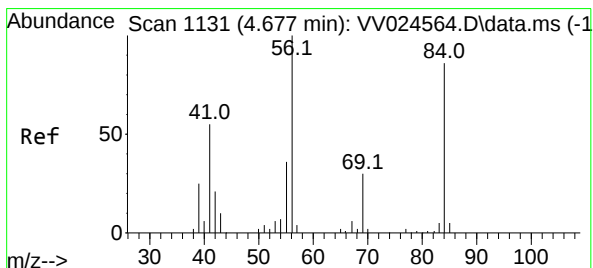
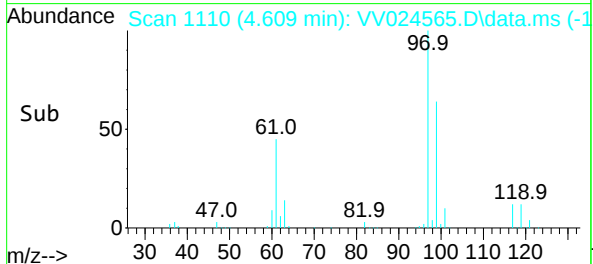
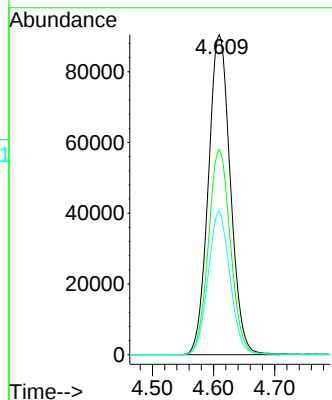
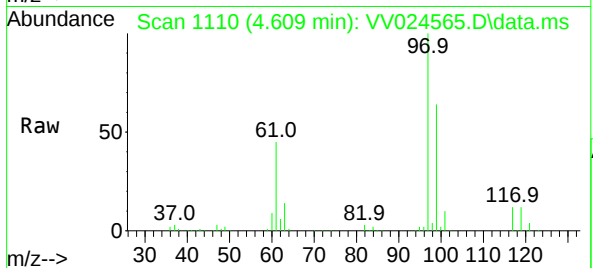
Tgt Ion: 97 Resp: 226434

Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 44.8 33.2 49.8



#30

Cyclohexane

Concen: 13.926 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

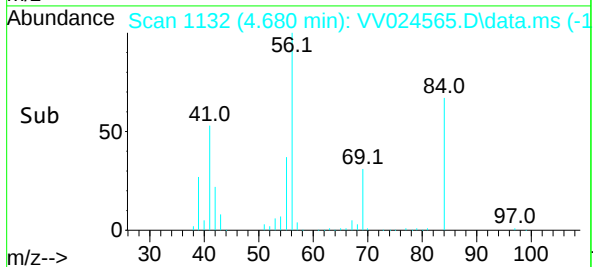
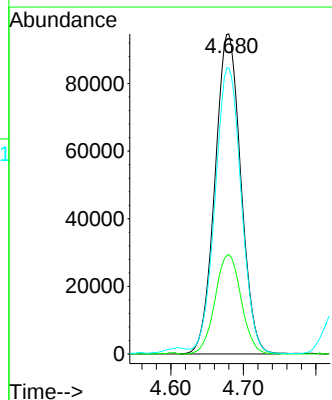
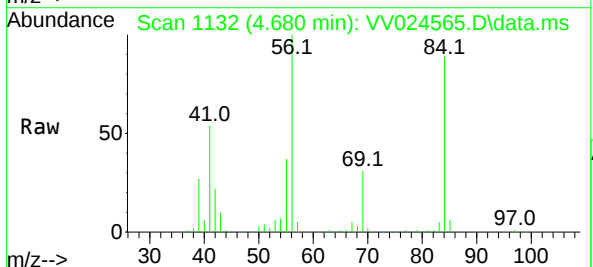
Tgt Ion: 56 Resp: 234794

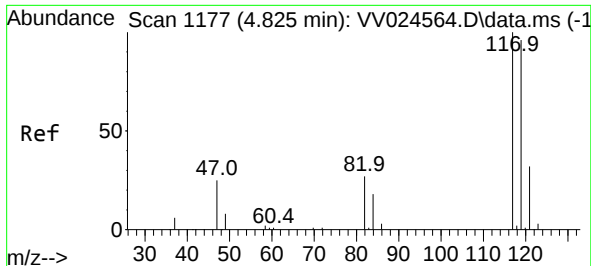
Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 90.9 75.9 113.9

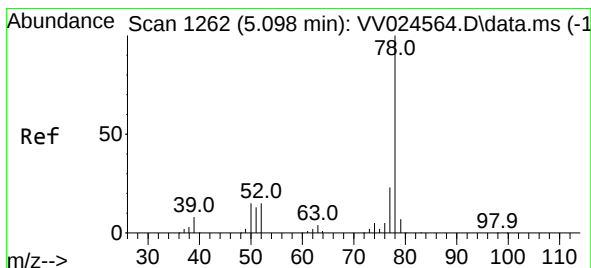
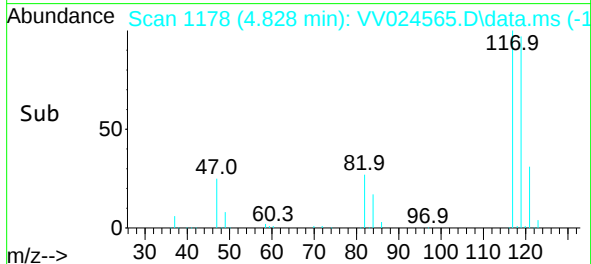
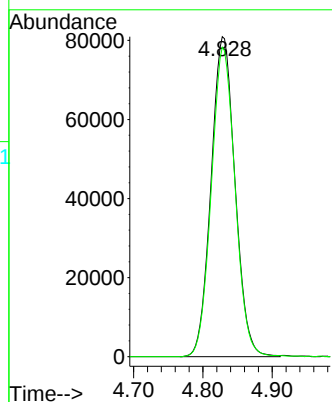
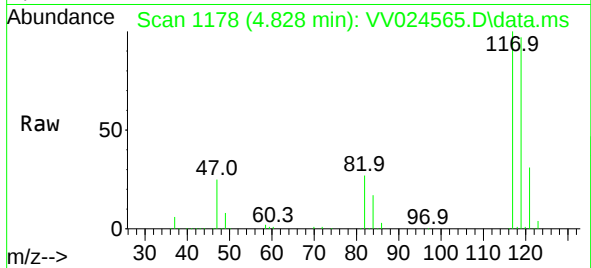




#31
Carbon tetrachloride
Concen: 12.669 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

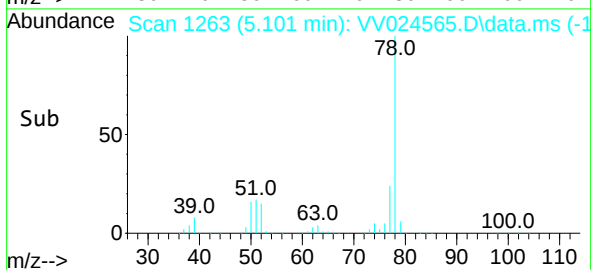
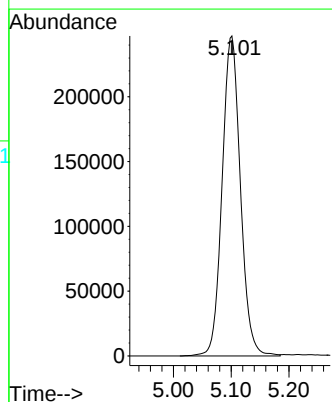
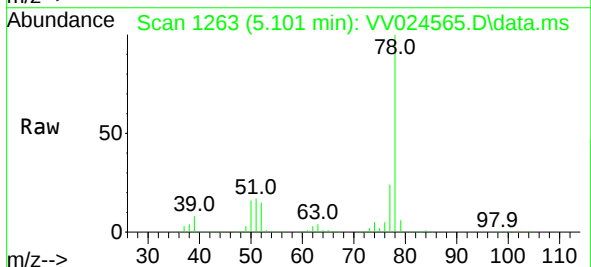
Instrument :
MSVOA_V
ClientSampleId :

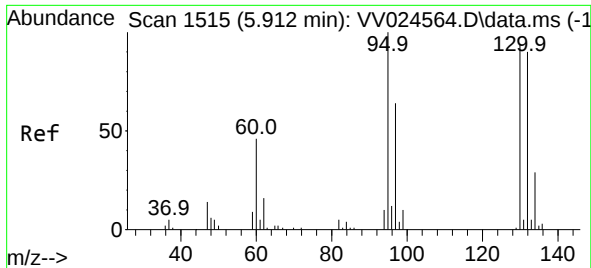
Tgt Ion:117 Resp: 194564
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 13.527 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Tgt Ion: 78 Resp: 542949

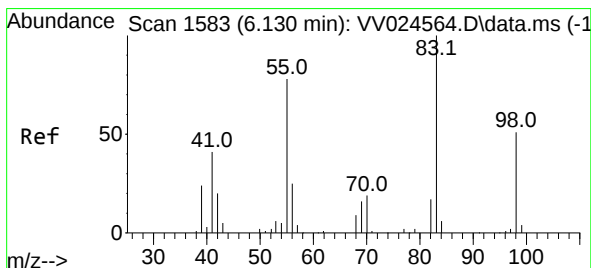
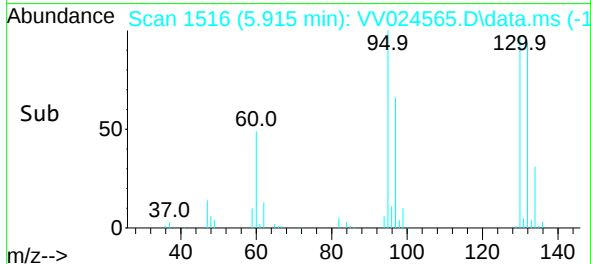
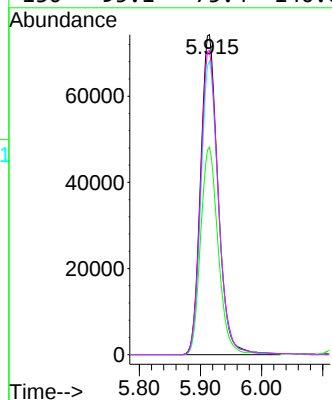
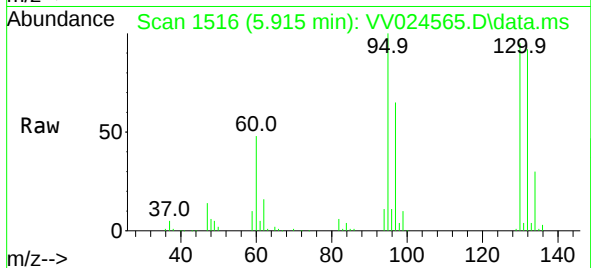




#34
Trichloroethene
Concen: 13.018 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

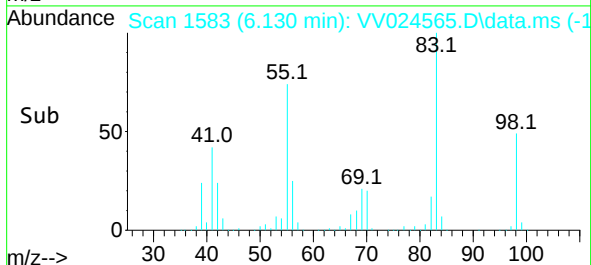
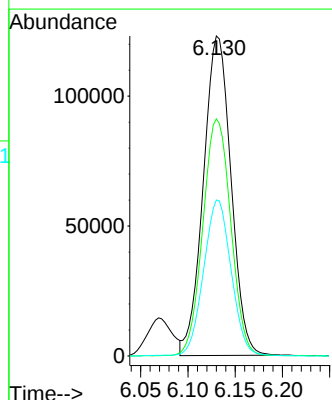
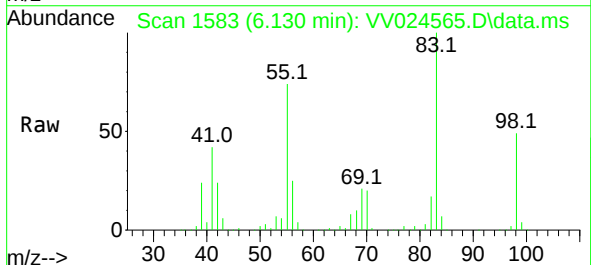
Instrument :
MSVOA_V
ClientSampleId :

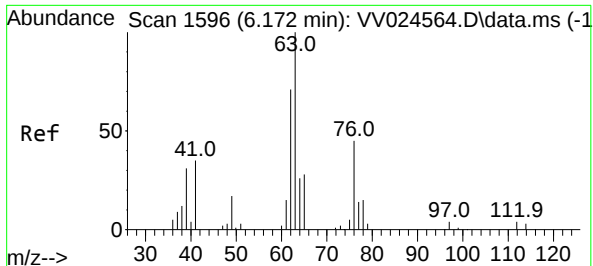
Tgt Ion: 95 Resp: 147121
Ion Ratio Lower Upper
95 100
97 64.9 45.2 84.0
132 91.8 76.1 141.3
130 95.1 75.4 140.0



#35
Methylcyclohexane
Concen: 14.305 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Tgt Ion: 83 Resp: 250577
Ion Ratio Lower Upper
83 100
55 75.1 60.2 90.2
98 48.8 41.0 61.4





#37

1,2-Dichloropropane

Concen: 13.535 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

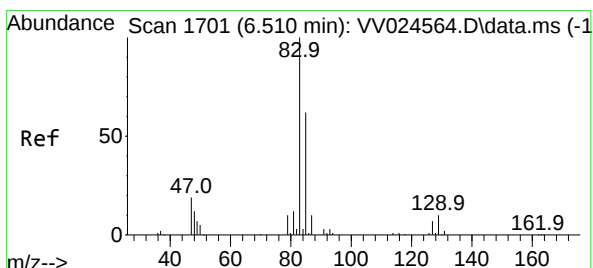
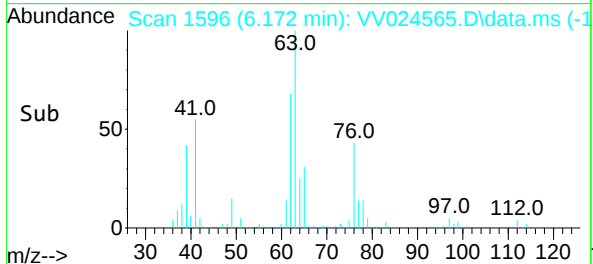
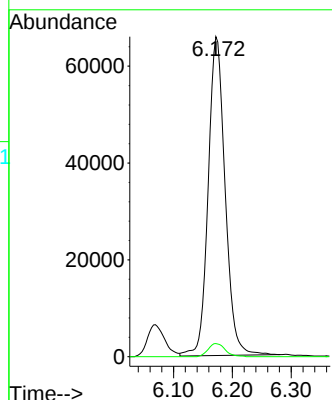
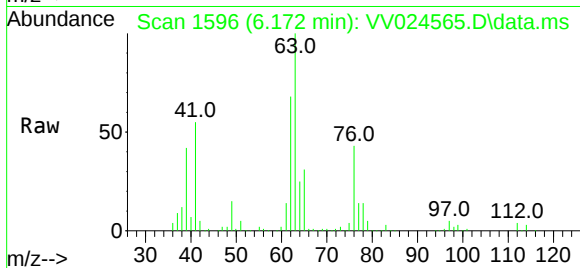
ClientSampleId :

Tgt Ion: 63 Resp: 131899

Ion Ratio Lower Upper

63 100

112 4.1 4.3 6.5#



#38

Bromodichloromethane

Concen: 13.000 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

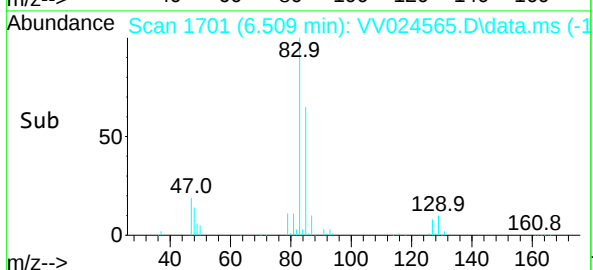
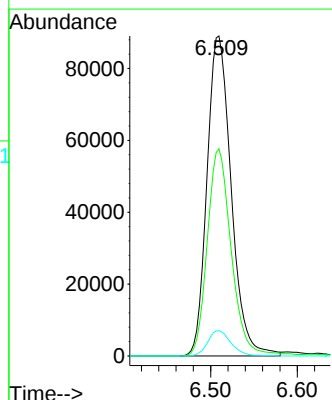
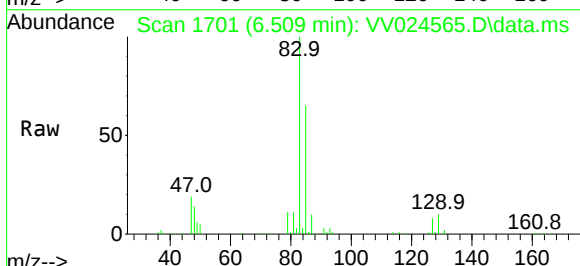
Tgt Ion: 83 Resp: 173033

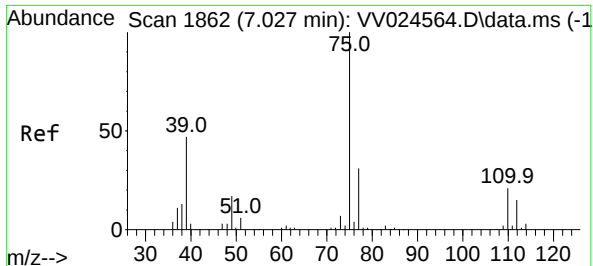
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 7.9 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 15.006 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

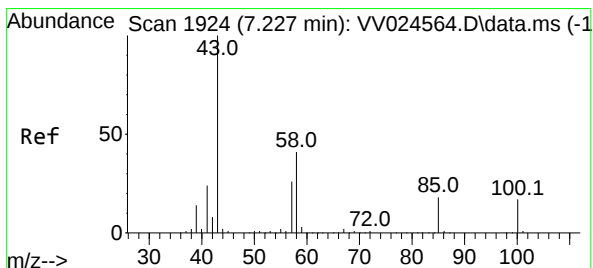
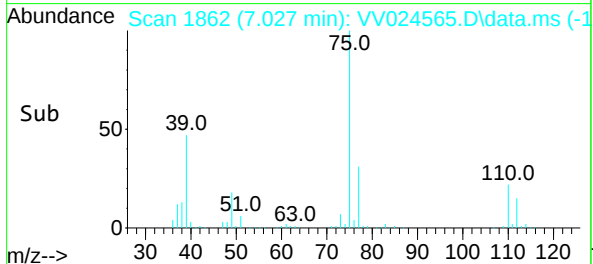
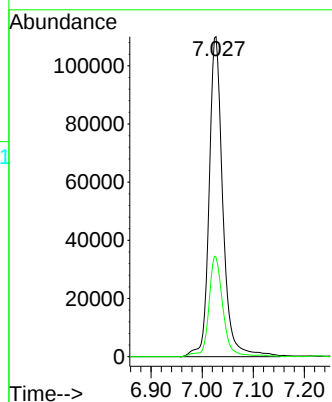
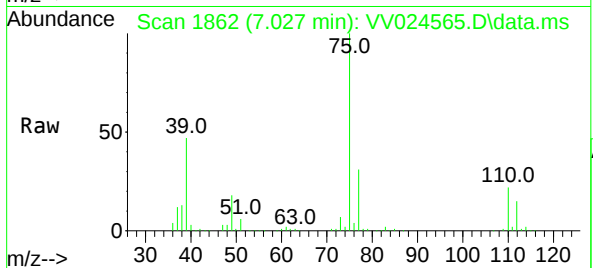
ClientSampleId :

Tgt Ion: 75 Resp: 205349

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 149.437 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

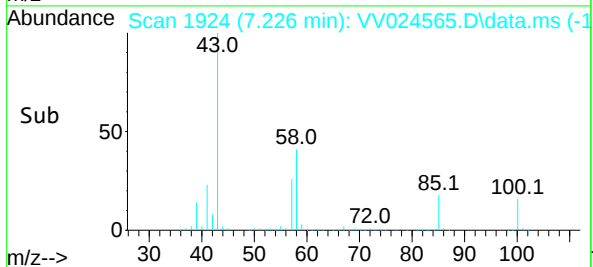
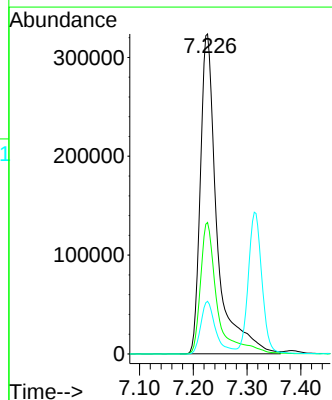
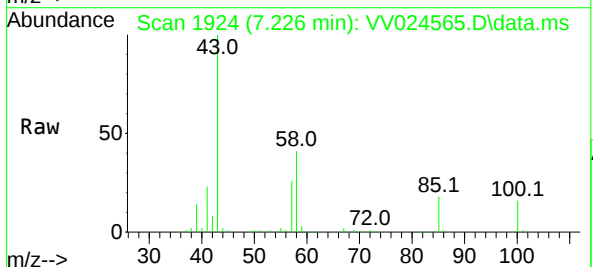
Tgt Ion: 43 Resp: 697690

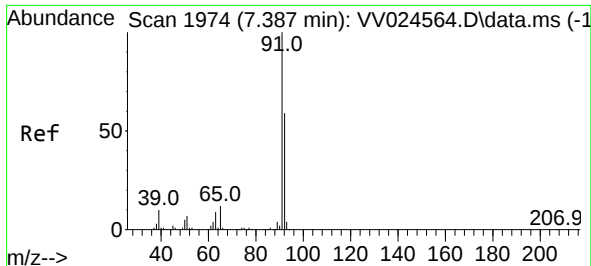
Ion Ratio Lower Upper

43 100

58 41.6 32.3 48.5

100 14.8 13.0 19.6





#42

Toluene

Concen: 13.993 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

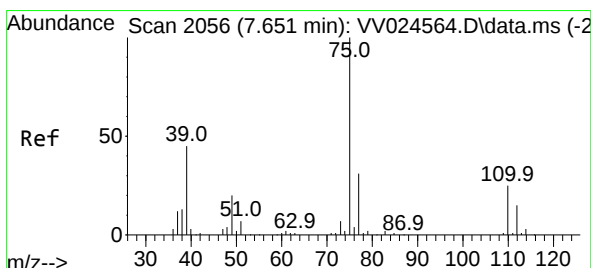
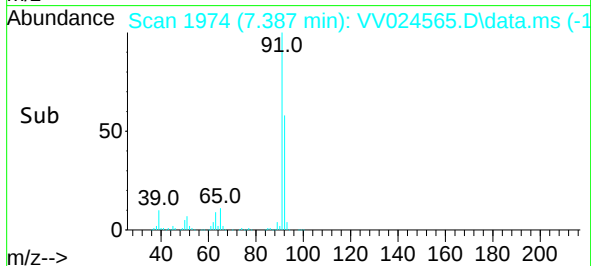
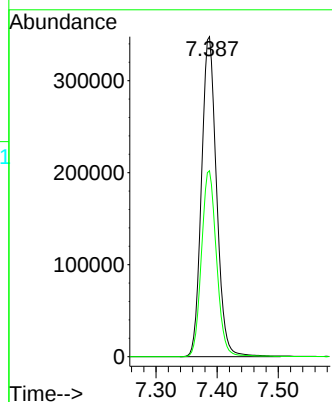
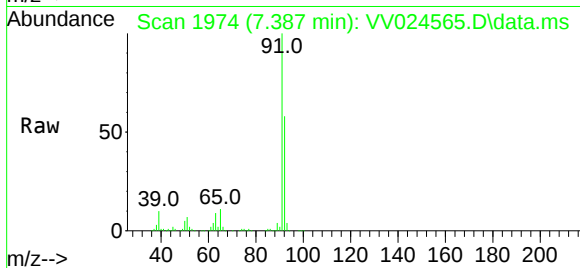
ClientSampleId :

Tgt Ion: 91 Resp: 595208

Ion Ratio Lower Upper

91 100

92 58.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 15.089 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024565.D

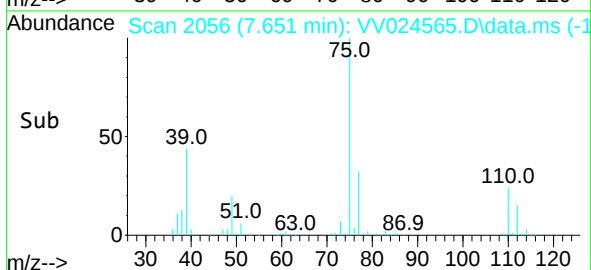
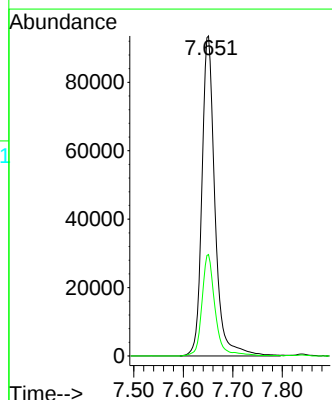
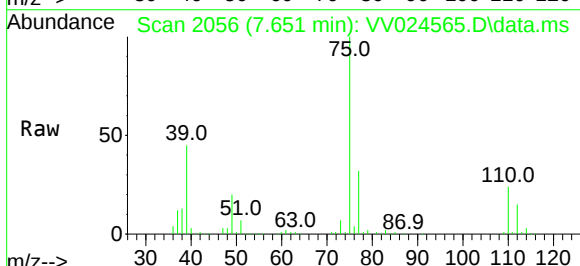
Acq: 09 Feb 2022 11:25

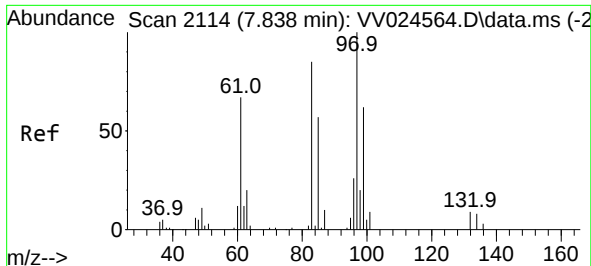
Tgt Ion: 75 Resp: 171507

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 13.210 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 86806

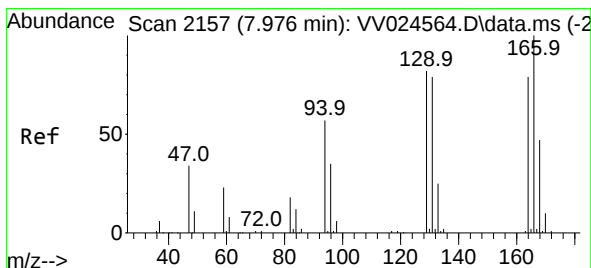
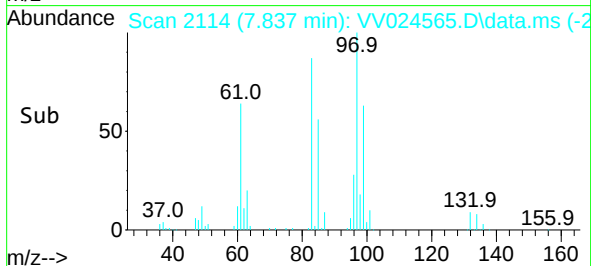
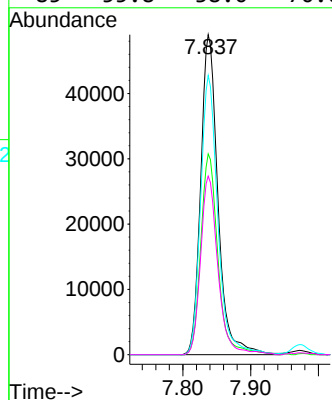
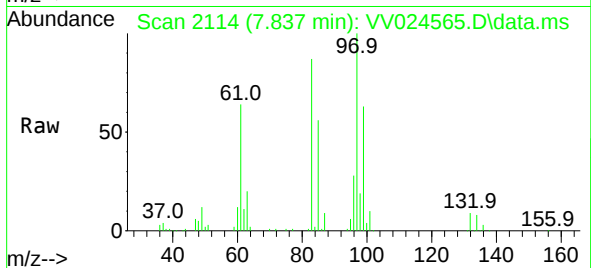
Ion Ratio Lower Upper

97 100

99 62.7 43.1 80.1

83 87.3 57.9 107.5

85 55.8 38.0 70.6



#47

Tetrachloroethene

Concen: 11.479 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Tgt Ion: 164 Resp: 97599

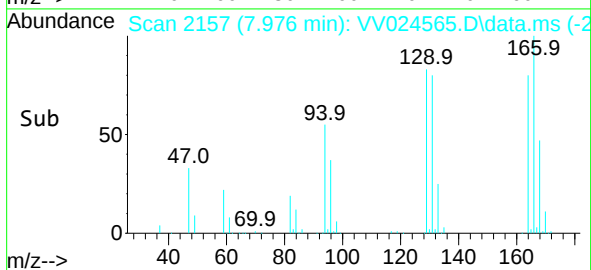
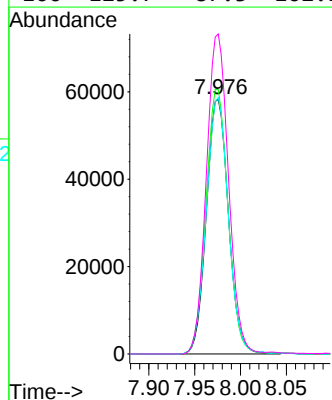
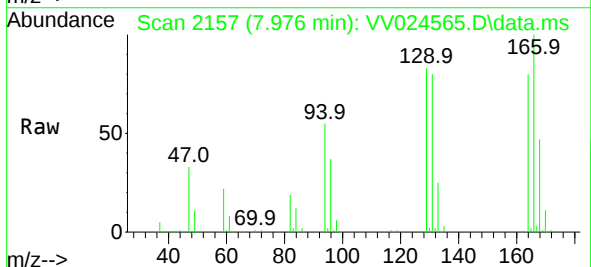
Ion Ratio Lower Upper

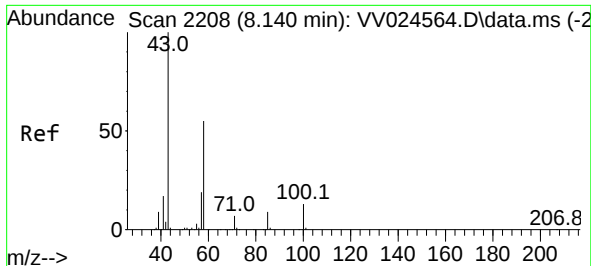
164 100

129 103.8 62.6 116.2

131 100.8 61.0 113.4

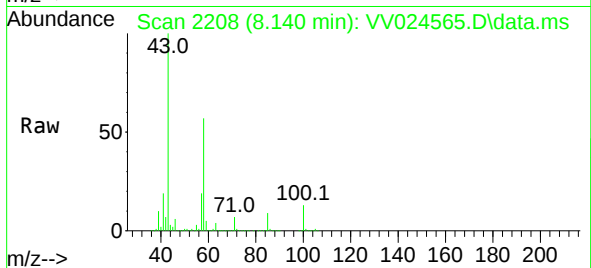
166 125.7 87.3 162.1



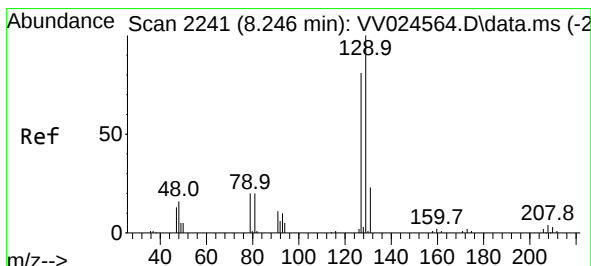
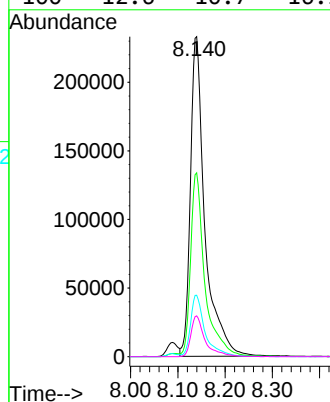
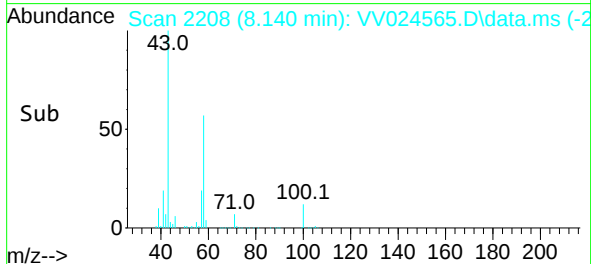


#48
2-Hexanone
Concen: 147.007 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

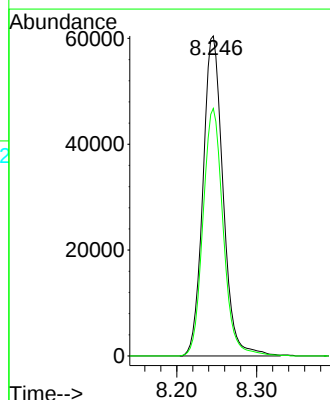
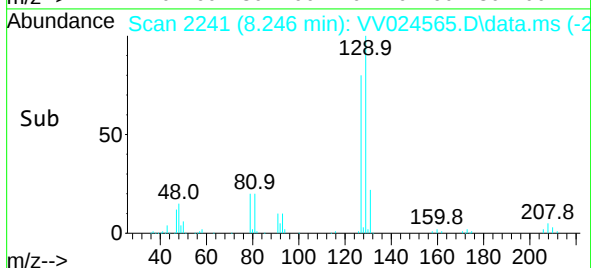
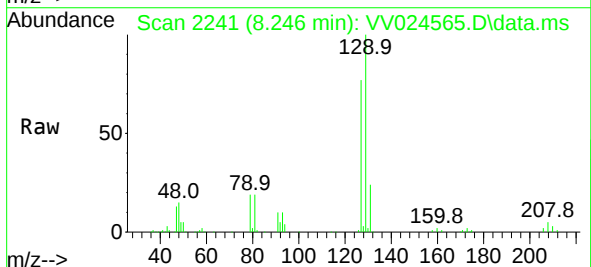


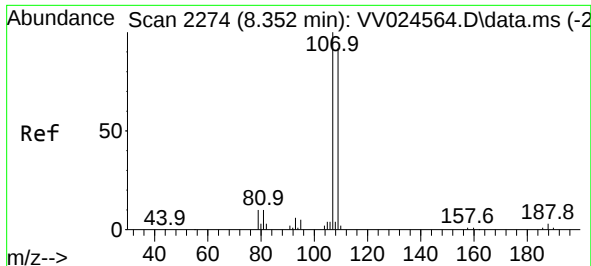
Tgt Ion: 43 Resp: 495423
Ion Ratio Lower Upper
43 100
58 56.2 44.5 66.7
57 19.3 15.1 22.7
100 12.6 10.7 16.1



#49
Dibromochloromethane
Concen: 13.166 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Tgt Ion: 129 Resp: 105904
Ion Ratio Lower Upper
129 100
127 77.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 13.433 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024565.D

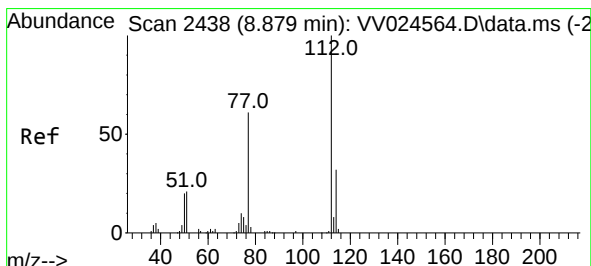
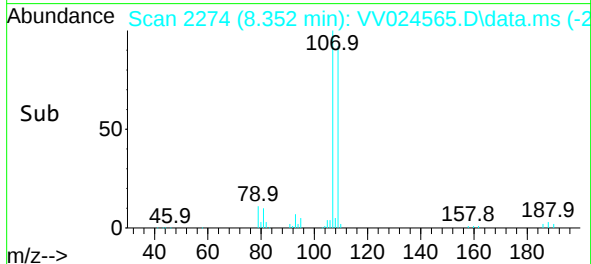
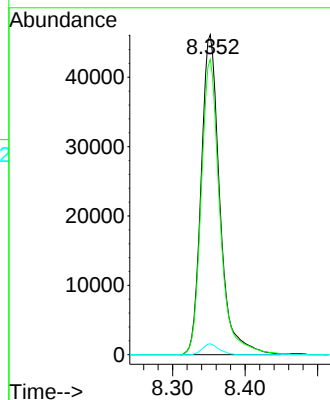
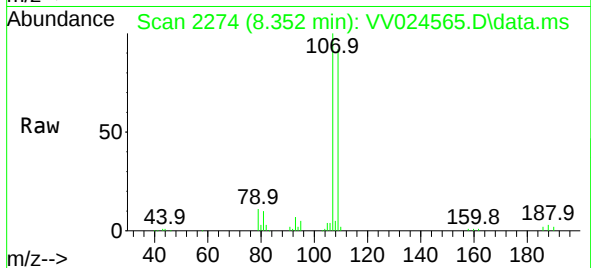
Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	82393
Ion	Ratio	Lower	Upper
107	100		
109	92.3	62.5	116.1
188	3.4	3.4	5.2#



#51

Chlorobenzene

Concen: 13.204 ug/L

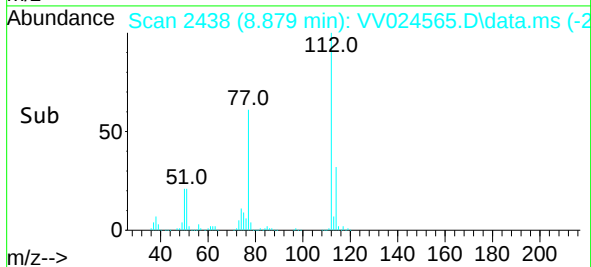
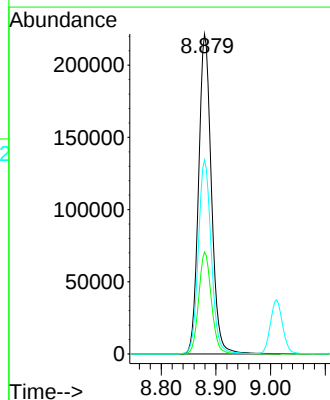
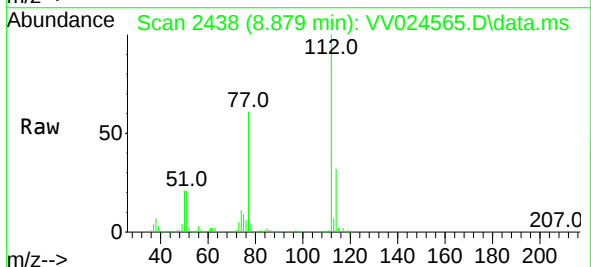
RT: 8.879 min Scan# 2438

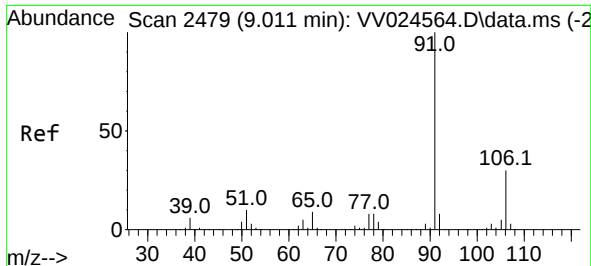
Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Tgt Ion:	112	Resp:	360133
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.3	43.3
77	60.6	43.3	64.9

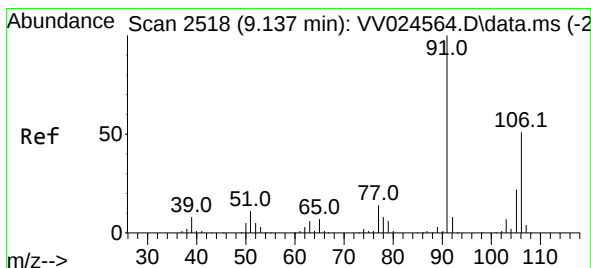
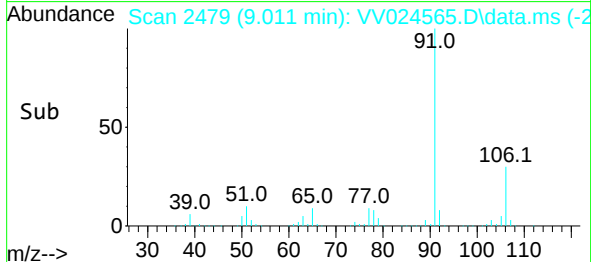
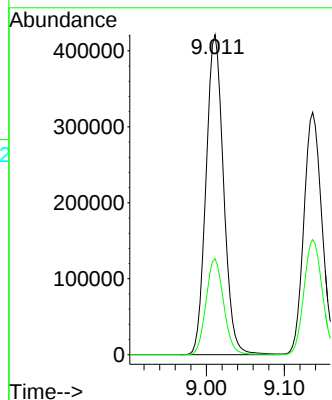
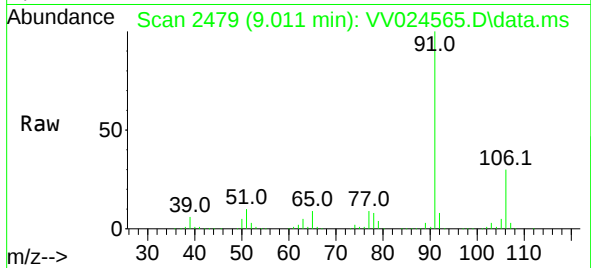




#52
Ethylbenzene
Concen: 14.384 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

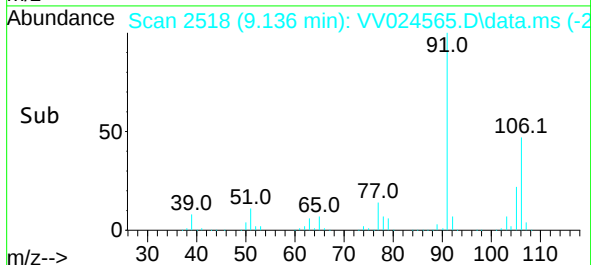
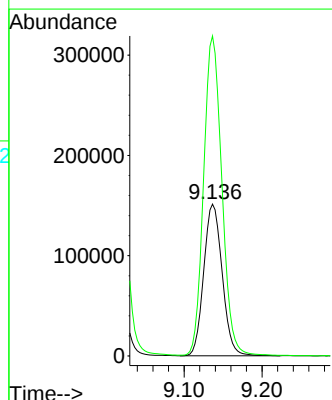
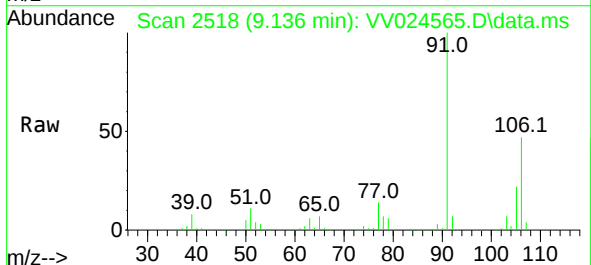
Instrument :
MSVOA_V
ClientSampleId :

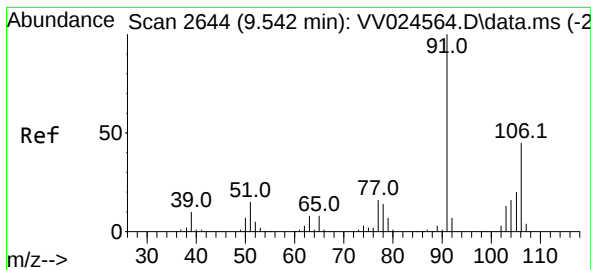
Tgt Ion: 91 Resp: 658550
Ion Ratio Lower Upper
91 100
106 30.0 22.0 41.0



#53
m,p-xylene
Concen: 14.386 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

Tgt Ion:106 Resp: 248624
Ion Ratio Lower Upper
106 100
91 210.6 139.5 259.1





#54

o-xylene

Concen: 14.893 ug/L

RT: 9.541 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

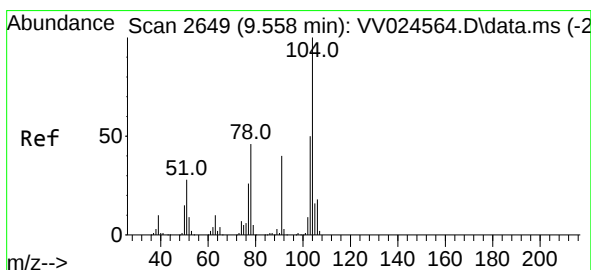
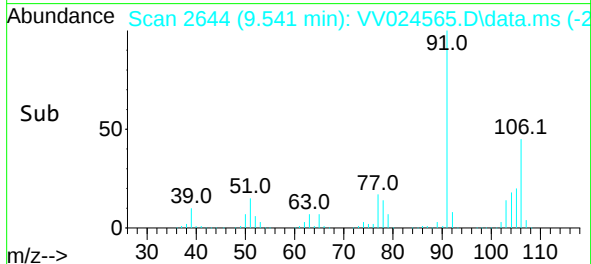
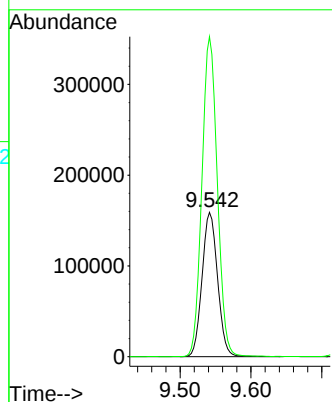
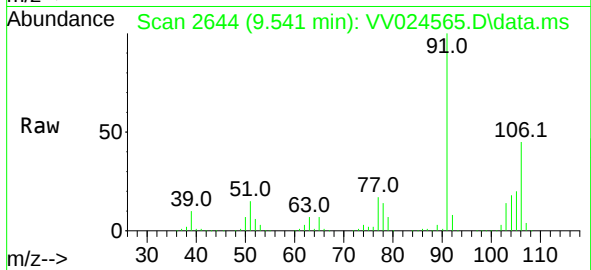
ClientSampleId :

Tgt Ion:106 Resp: 241394

Ion Ratio Lower Upper

106 100

91 221.7 147.9 274.7



#55

Styrene

Concen: 15.086 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. -0.000 min

Lab File: VV024565.D

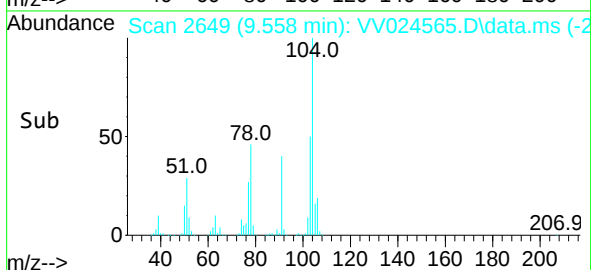
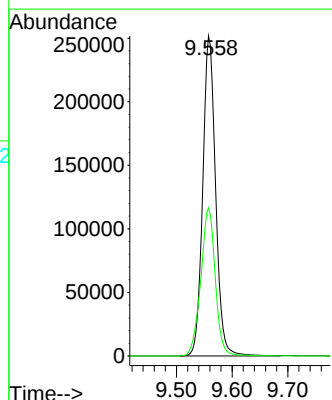
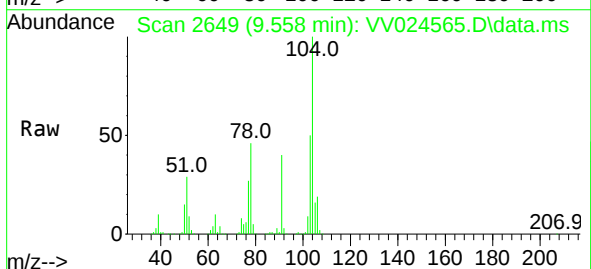
Acq: 09 Feb 2022 11:25

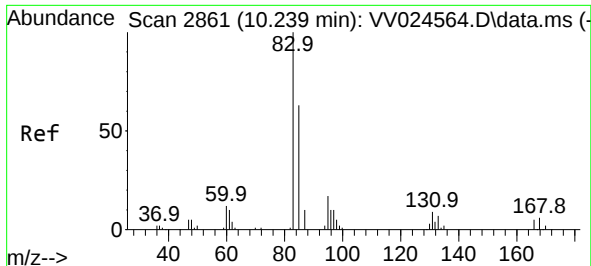
Tgt Ion:104 Resp: 404320

Ion Ratio Lower Upper

104 100

78 46.3 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 13.676 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

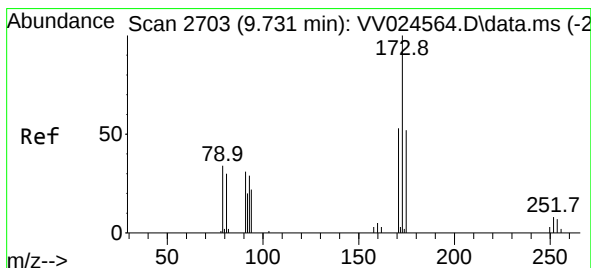
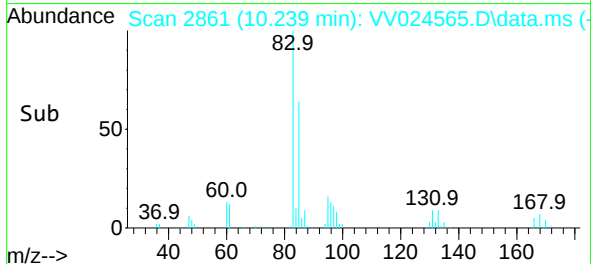
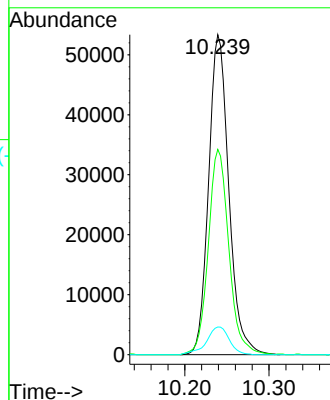
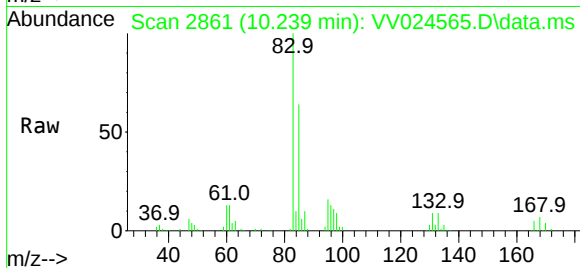
Tgt Ion: 83 Resp: 88860

Ion Ratio Lower Upper

83 100

85 64.1 44.6 82.8

131 8.7 8.3 12.5



#59

Bromoform

Concen: 12.990 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

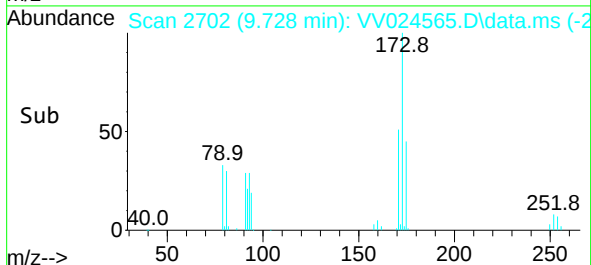
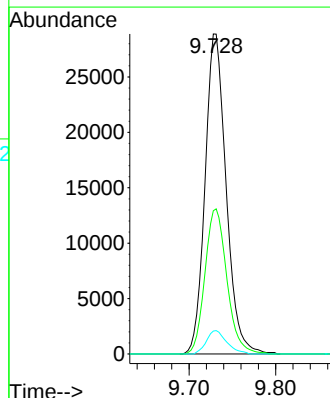
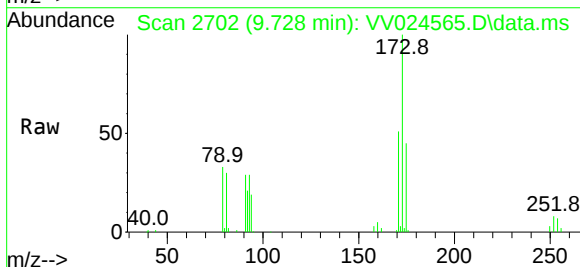
Tgt Ion:173 Resp: 48874

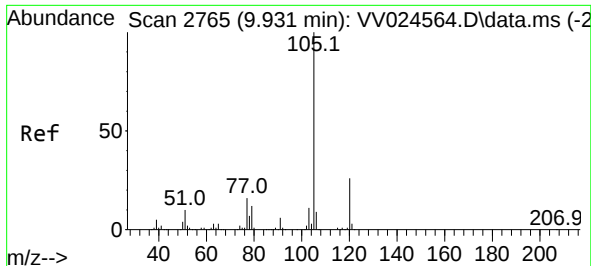
Ion Ratio Lower Upper

173 100

175 47.1 39.4 59.2

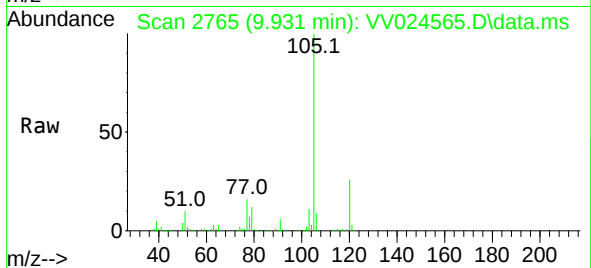
254 7.1 7.4 11.0#



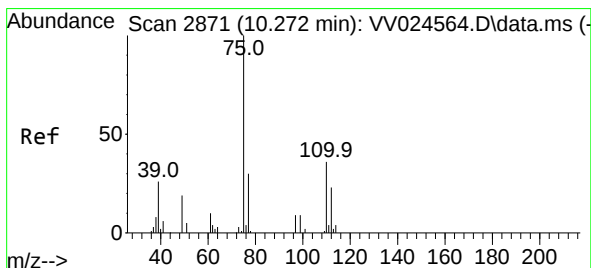
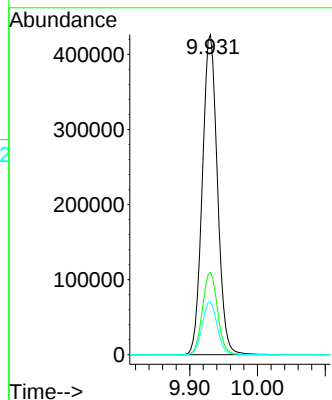
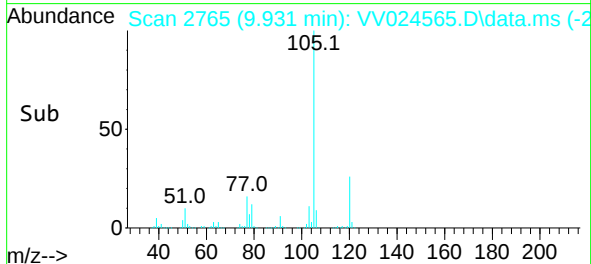


#60
Isopropylbenzene
Concen: 16.159 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

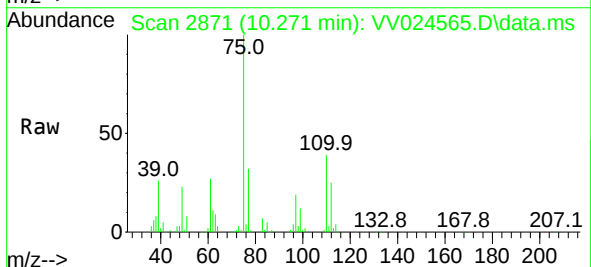
Instrument :
MSVOA_V
ClientSampleId :



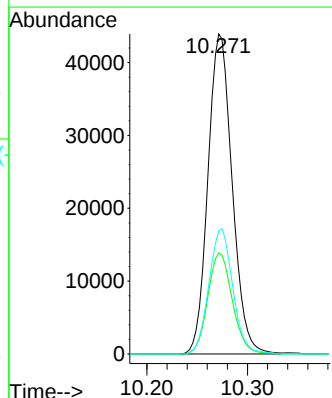
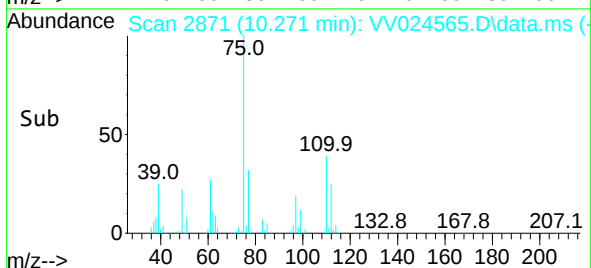
Tgt Ion:105 Resp: 657690
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.0
77 16.5 12.2 18.4

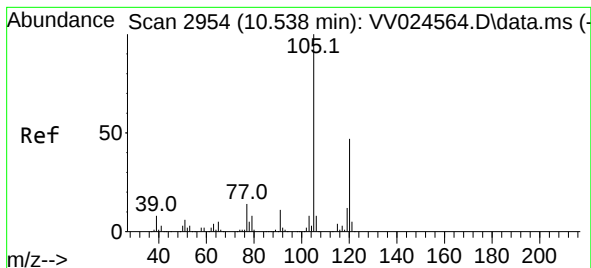


#61
1,2,3-Trichloropropane
Concen: 14.716 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25



Tgt Ion: 75 Resp: 73509
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 38.6 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 17.009 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

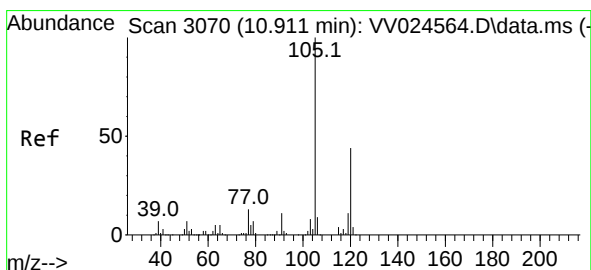
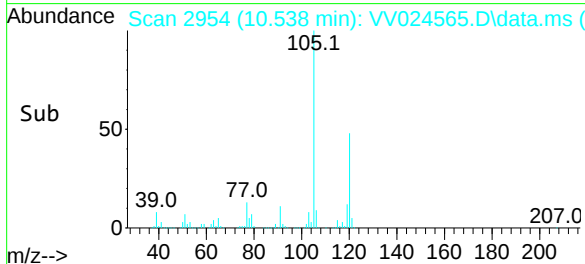
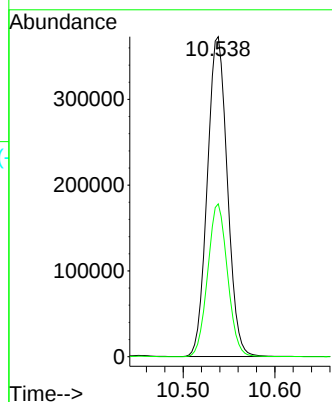
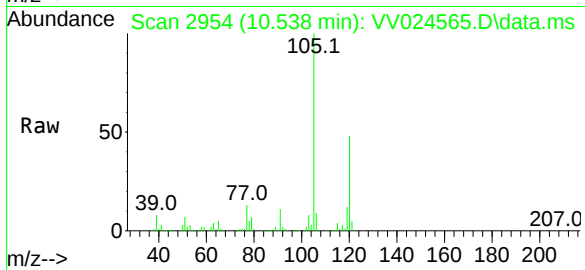
ClientSampleId :

Tgt Ion:105 Resp: 567079

Ion Ratio Lower Upper

105 100

120 47.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 16.756 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024565.D

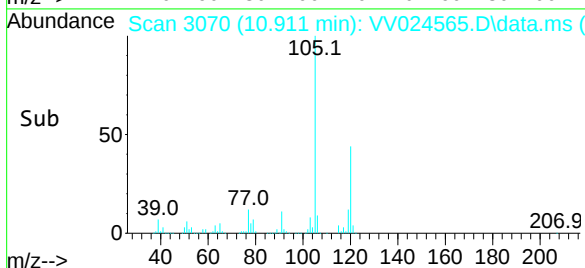
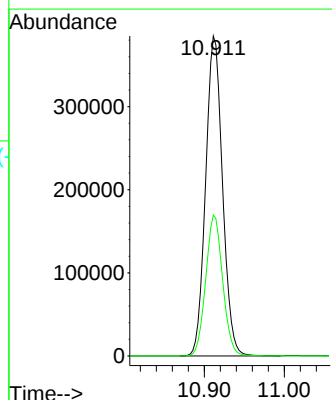
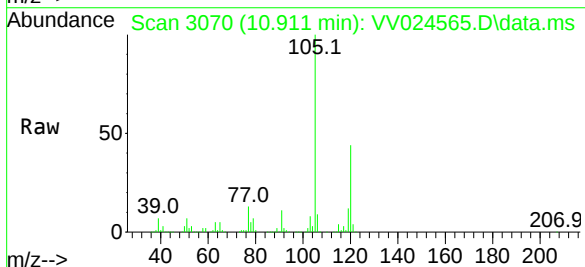
Acq: 09 Feb 2022 11:25

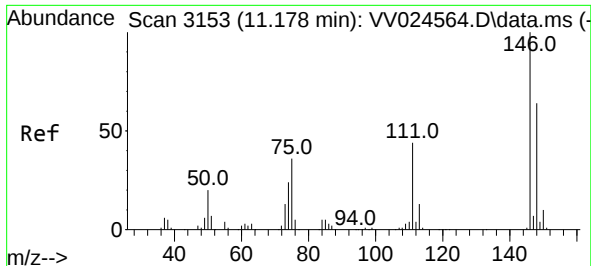
Tgt Ion:105 Resp: 565960

Ion Ratio Lower Upper

105 100

120 44.2 36.7 55.1

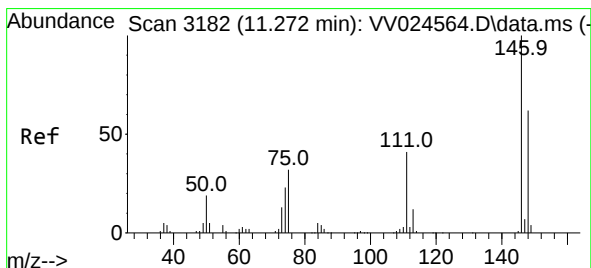
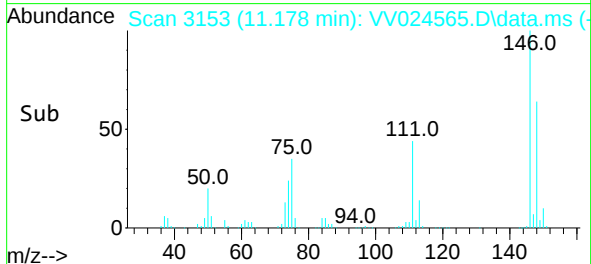
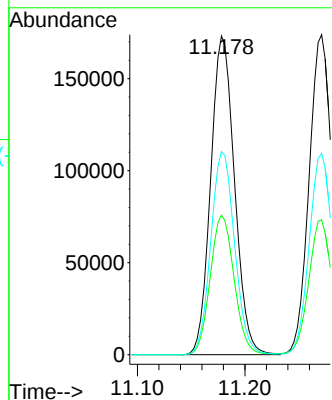
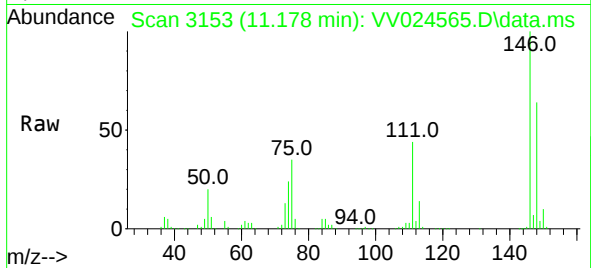




#64
1,3-Dichlorobenzene
Concen: 13.914 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

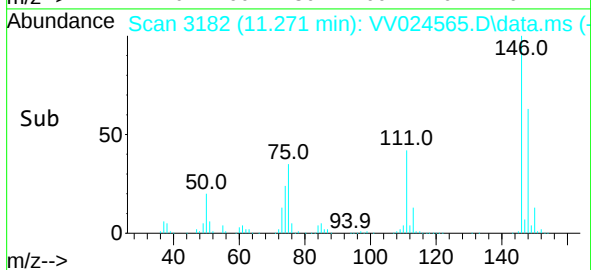
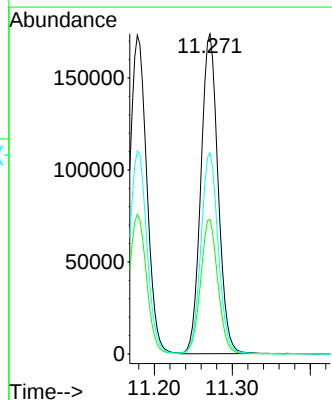
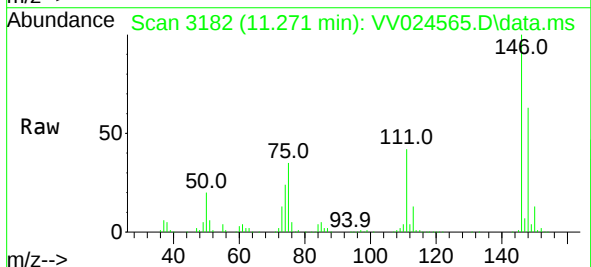
Instrument :
MSVOA_V
ClientSampleId :

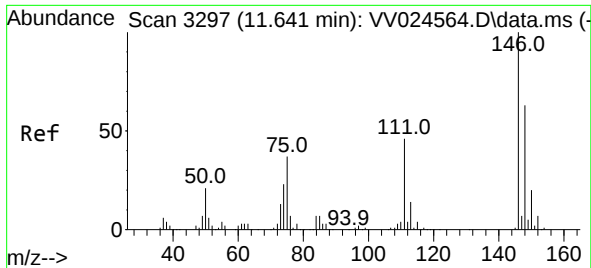
Tgt Ion:146 Resp: 266917
Ion Ratio Lower Upper
146 100
111 43.8 26.3 48.9
148 63.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 13.614 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

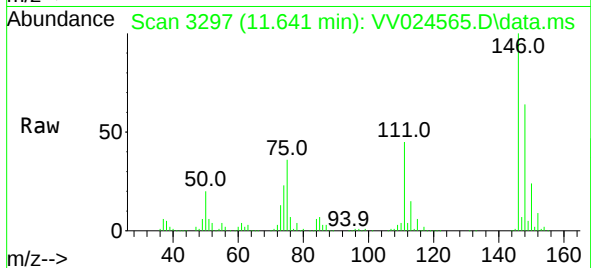
Tgt Ion:146 Resp: 265937
Ion Ratio Lower Upper
146 100
111 42.1 25.6 47.6
148 62.9 44.8 83.2



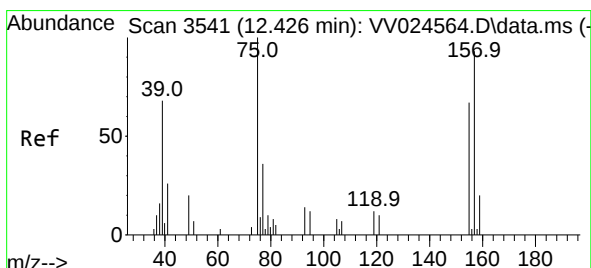
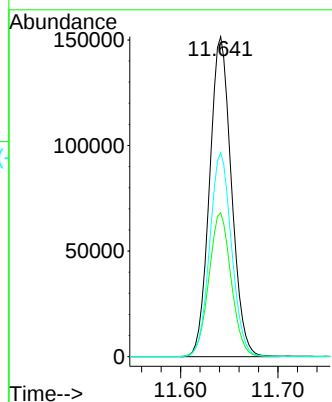
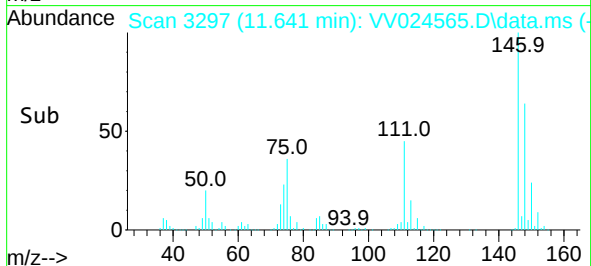


#67
1,2-Dichlorobenzene
Concen: 13.481 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25

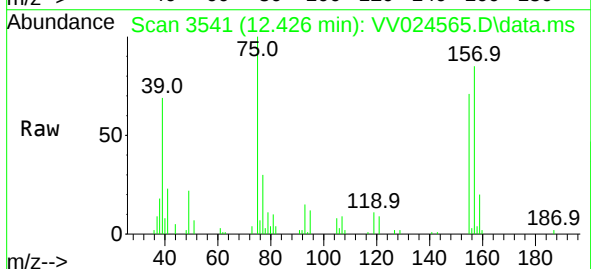
Instrument :
MSVOA_V
ClientSampleId :



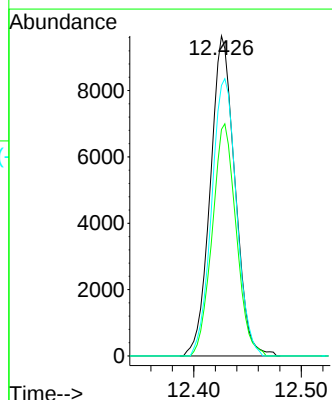
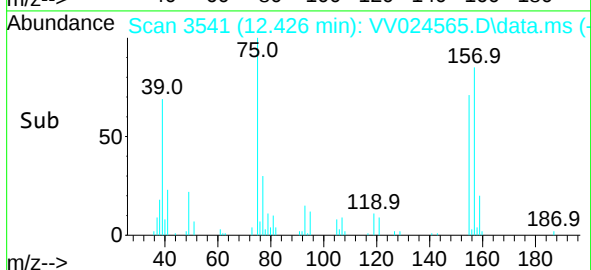
Tgt Ion:146 Resp: 236275
Ion Ratio Lower Upper
146 100
111 45.0 31.9 47.9
148 63.8 50.5 75.7

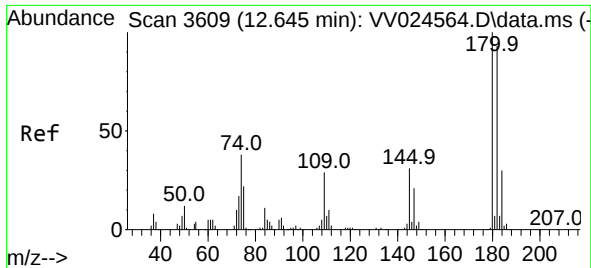


#68
1,2-Dibromo-3-chloropropane
Concen: 15.777 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024565.D
Acq: 09 Feb 2022 11:25



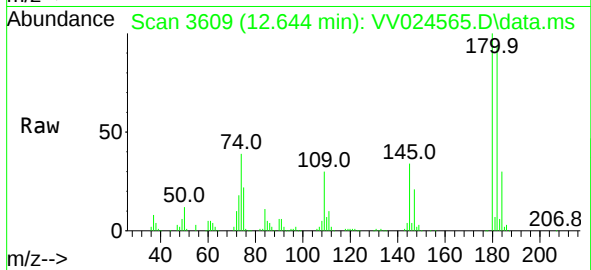
Tgt Ion: 75 Resp: 15357
Ion Ratio Lower Upper
75 100
155 70.8 71.7 107.5#
157 84.6 103.3 154.9#



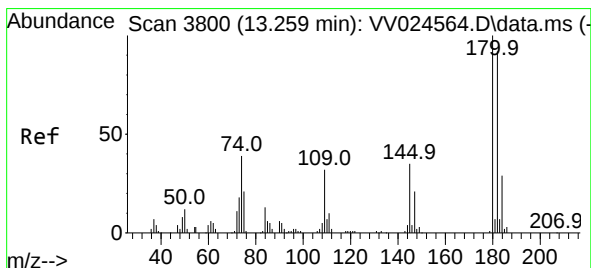
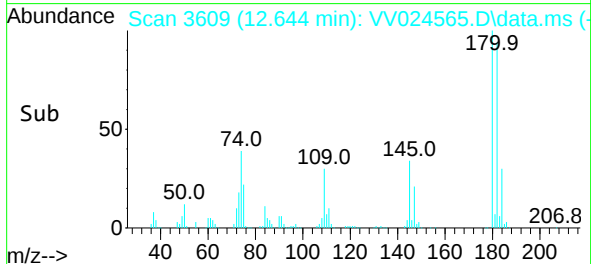
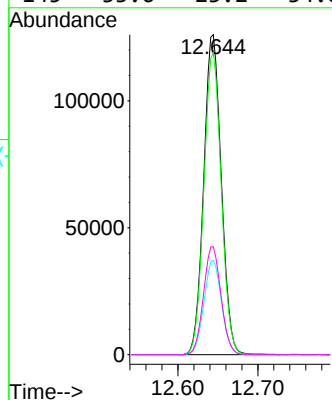


#69
 1,3,5-Trichlorobenzene
 Concen: 12.728 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

Instrument :
 MSVOA_V
 ClientSampleId :

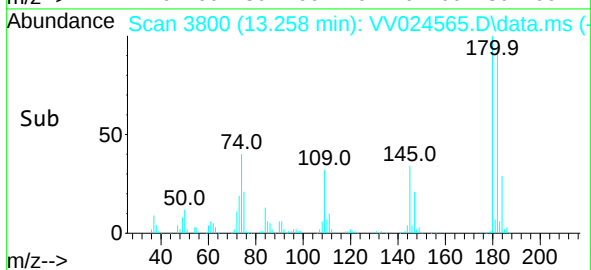
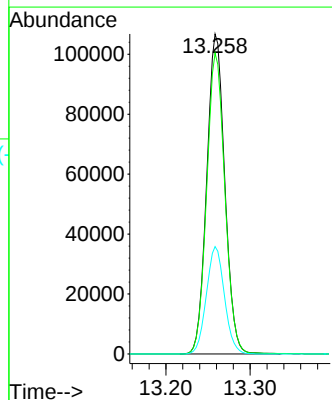
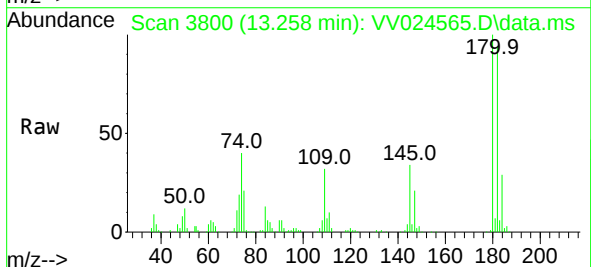


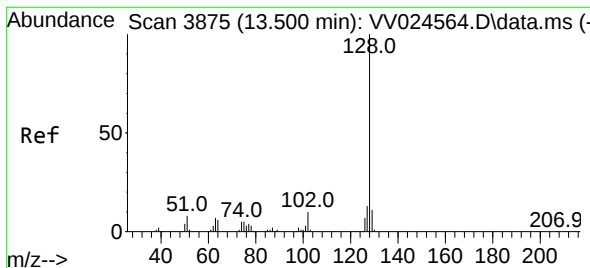
Tgt Ion:180 Resp: 193142
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.4 114.6
 184 29.7 24.2 36.4
 145 33.6 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 13.462 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024565.D
 Acq: 09 Feb 2022 11:25

Tgt Ion:180 Resp: 159169
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.4 111.6
 145 33.6 23.3 34.9





#71

Naphthalene

Concen: 17.680 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

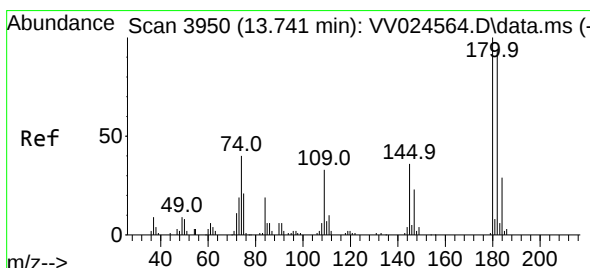
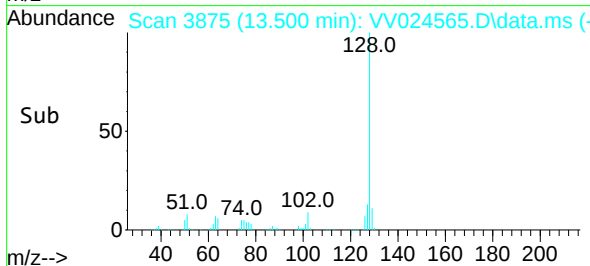
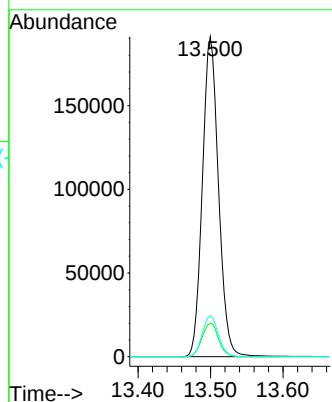
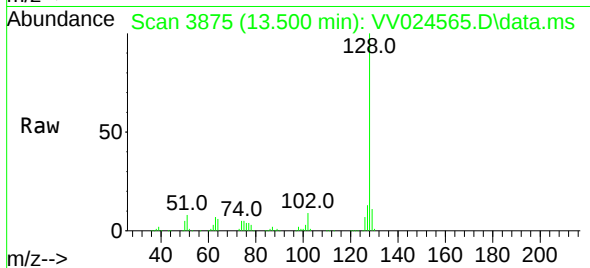
Tgt Ion:128 Resp: 294869

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 12.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 13.456 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024565.D

Acq: 09 Feb 2022 11:25

Tgt Ion:180 Resp: 134594

Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

145 35.7 25.8 38.6

