

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024175.D
 Acq On : 27 Dec 2021 12:12
 Operator : SY/MD
 Sample : VSTD01068
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 04:50:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112256	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90325	13.751	ug/L	0.00
7) Chloroethane-d5	1.568	69	75590	13.736	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	220192	16.302	ug/L	0.00
20) 2-Butanone-d5	3.899	46	110394	93.665	ug/L	-0.02
24) Chloroform-d	4.349	84	196094	13.420	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	88175	12.984	ug/L	0.00
32) Benzene-d6	5.050	84	355441	13.850	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	93809	12.478	ug/L	0.00
41) Toluene-d8	7.313	98	359775	15.188	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	41951	13.378	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	155692	118.105	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	67676	11.317	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	139051	13.359	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	284007	21.898	ug/L	99
3) Chloromethane	1.240	50	202326	19.355	ug/L	97
5) Vinyl chloride	1.311	62	212134	19.072	ug/L	98
6) Bromomethane	1.523	94	137669	19.512	ug/L	99
8) Chloroethane	1.584	64	122071	17.504	ug/L	95
9) Trichlorofluoromethane	1.754	101	351737	18.632	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	172241	17.692	ug/L	99
12) 1,1-Dichloroethene	2.118	96	162649	18.002	ug/L	95
13) Acetone	2.201	43	136734	136.356	ug/L	83
14) Carbon disulfide	2.294	76	535856	19.787	ug/L	99
15) Methyl Acetate	2.439	43	42713	17.067	ug/L	97
16) Methylene chloride	2.507	84	163285	14.658	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	337502	17.208	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	175017	17.800	ug/L	98
19) 1,1-Dichloroethane	3.188	63	284830	16.580	ug/L	99
21) 2-Butanone	3.979	43	229131	160.034	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	174917	17.289	ug/L	99
23) Bromochloromethane	4.246	128	80150	17.059	ug/L	91
25) Chloroform	4.375	83	315637	16.490	ug/L	98
27) 1,2-Dichloroethane	5.130	62	181374	17.152	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	319196	17.552	ug/L	99
30) Cyclohexane	4.677	56	263605	18.386	ug/L	97
31) Carbon tetrachloride	4.828	117	293616	17.110	ug/L	99
33) Benzene	5.098	78	672744	17.188	ug/L	100
34) Trichloroethene	5.912	95	186009	16.950	ug/L	98
35) Methylcyclohexane	6.130	83	296675	18.168	ug/L	98
37) 1,2-Dichloropropane	6.172	63	151089	16.365	ug/L	99
38) Bromodichloromethane	6.510	83	217413	16.605	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	234733	17.350	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	777579	175.893	ug/L	97
42) Toluene	7.387	91	775143	17.543	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	203343	17.159	ug/L	98

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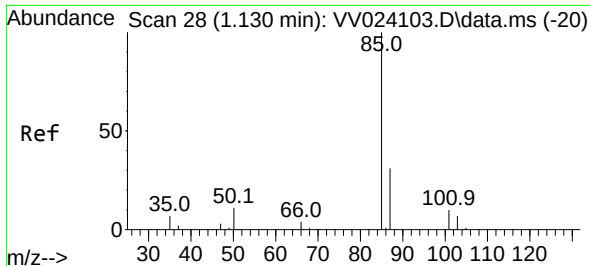
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	112390	16.531	ug/L	99
47) Tetrachloroethene	7.976	164	170818	17.629	ug/L	98
48) 2-Hexanone	8.140	43	566976	177.293	ug/L	98
49) Dibromochloromethane	8.246	129	154439	16.740	ug/L	99
50) 1,2-Dibromoethane	8.352	107	108862	17.058	ug/L	94
51) Chlorobenzene	8.879	112	495671	17.017	ug/L	99
52) Ethylbenzene	9.011	91	842572	18.191	ug/L	100
53) m,p-xylene	9.137	106	335508	18.128	ug/L	98
54) o-xylene	9.542	106	324330	18.323	ug/L	98
55) Styrene	9.558	104	552338	18.556	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	112240	15.562	ug/L	98
59) Bromoform	9.731	173	83228	15.927	ug/L	99
60) Isopropylbenzene	9.931	105	884623	17.926	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	88853	15.663	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	762406	18.466	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	783228	18.858	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	431774	17.033	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	424704	16.784	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	389237	16.906	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20304	16.948	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	352844	16.988	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	278048	17.268	ug/L	97
71) Naphthalene	13.500	128	430384	18.321	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	248091	17.351	ug/L	99

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

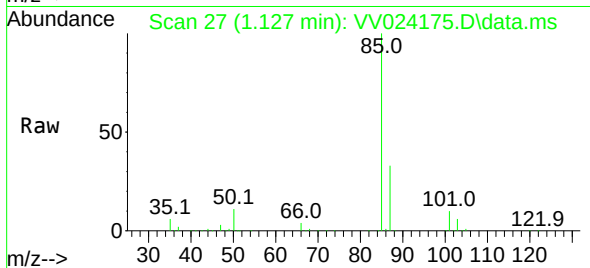
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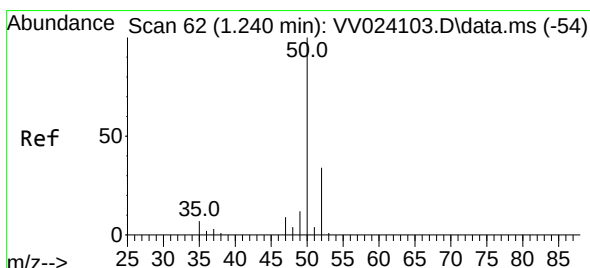
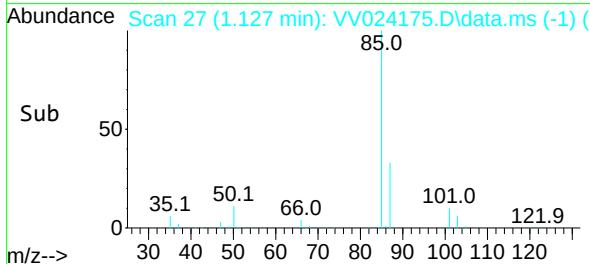
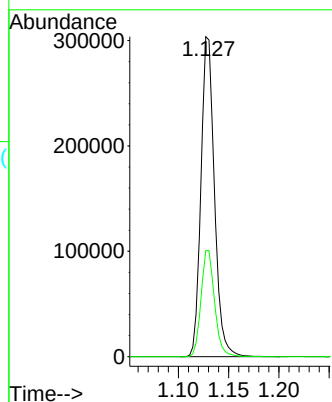


#2
 Dichlorodifluoromethane
 Concen: 21.898 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

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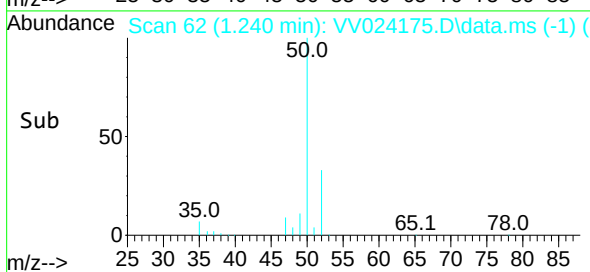
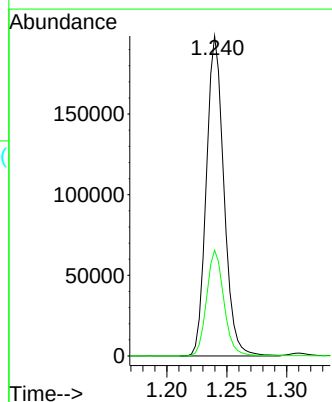
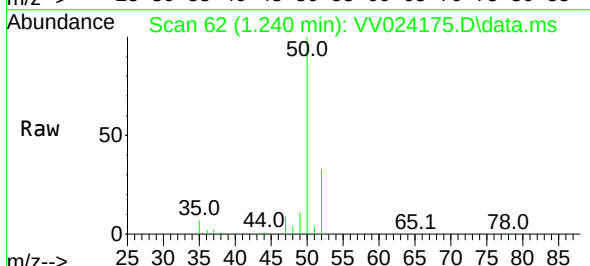


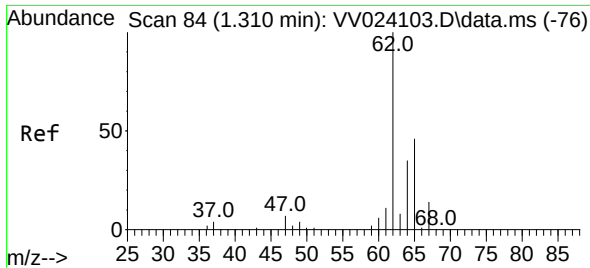
Tgt Ion: 85 Resp: 284007
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.0 39.0



#3
 Chloromethane
 Concen: 19.355 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

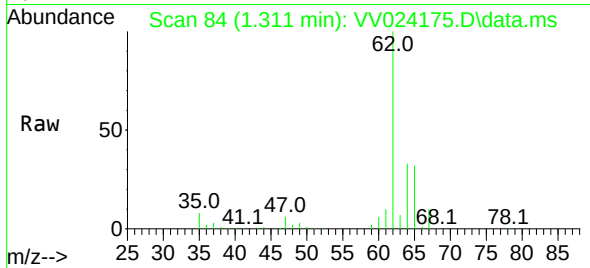
Tgt Ion: 50 Resp: 202326
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 41.0



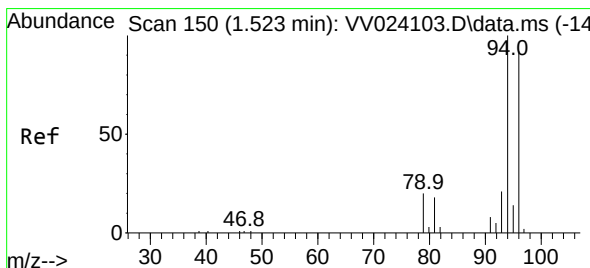
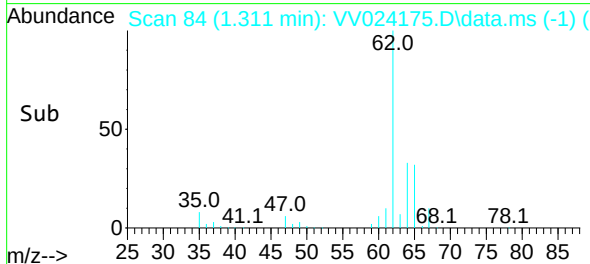
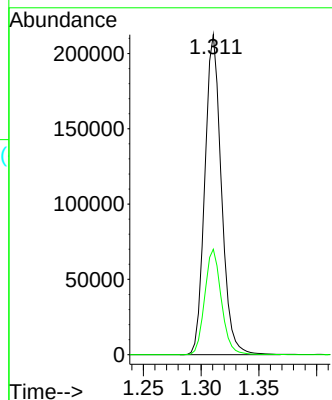


#5
 Vinyl chloride
 Concen: 19.072 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

Instrument :
 MSVOA_V
 ClientSampleId :

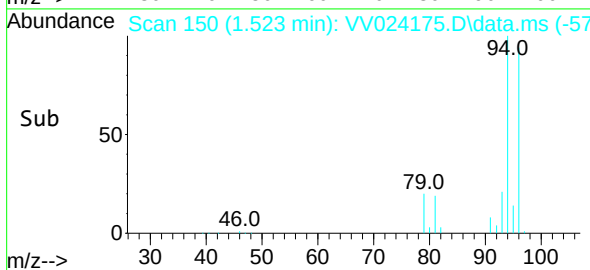
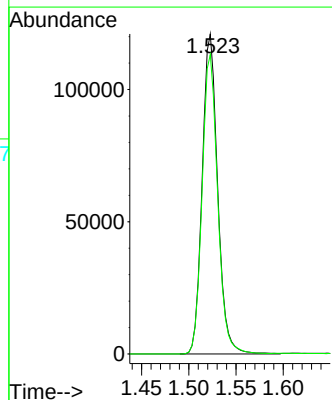
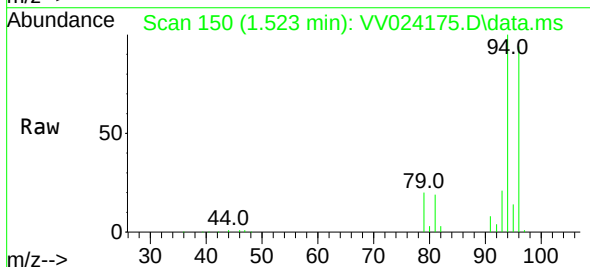


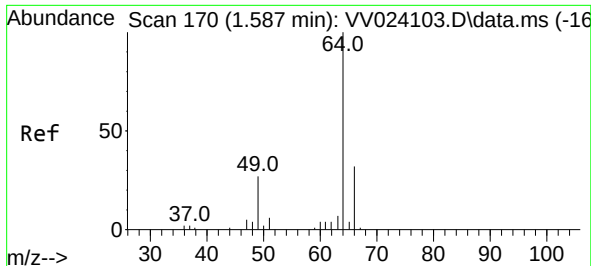
Tgt Ion: 62 Resp: 212134
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.4 41.6



#6
 Bromomethane
 Concen: 19.512 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

Tgt Ion: 94 Resp: 137669
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.2 123.0

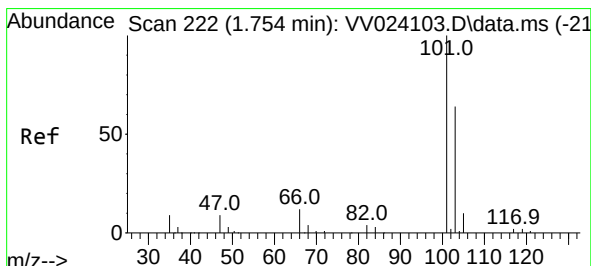
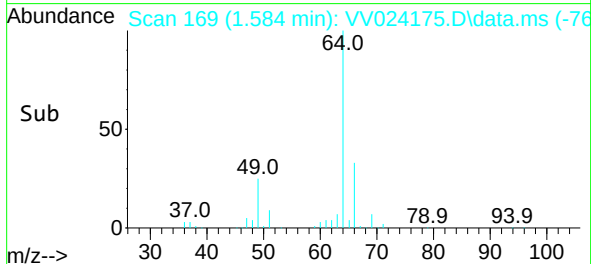
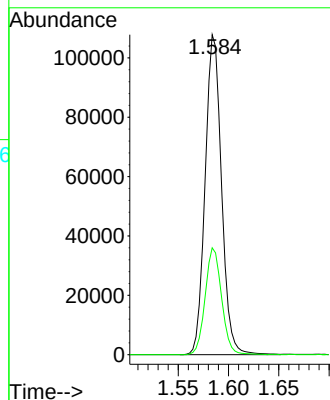
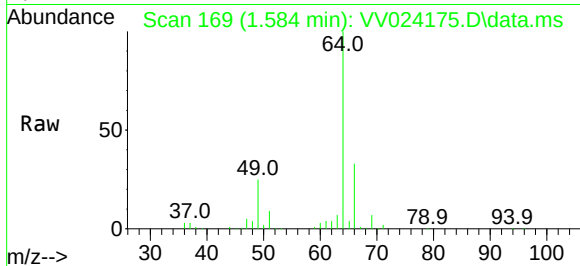




#8
Chloroethane
Concen: 17.504 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

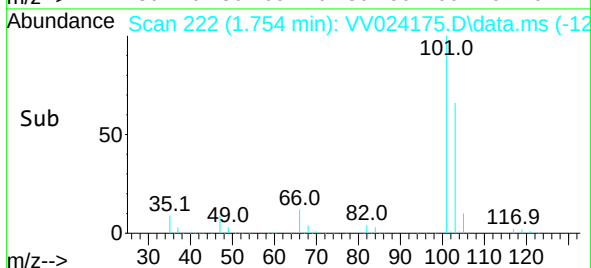
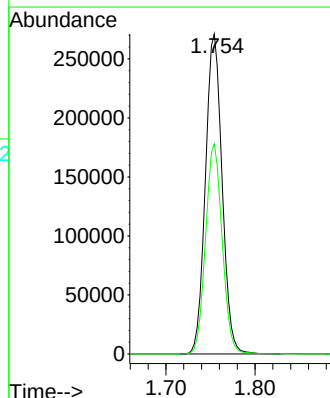
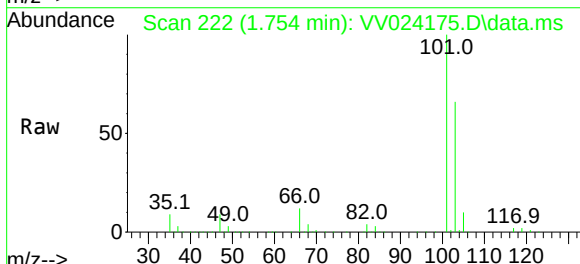
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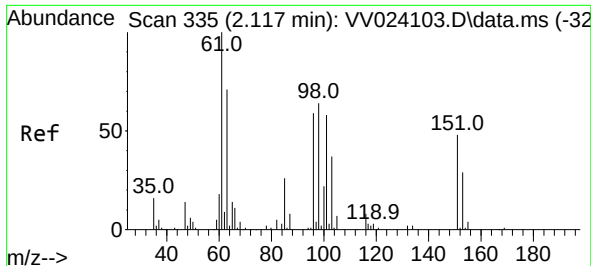
Tgt Ion: 64 Resp: 122071
Ion Ratio Lower Upper
64 100
66 33.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 18.632 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion:101 Resp: 351737
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

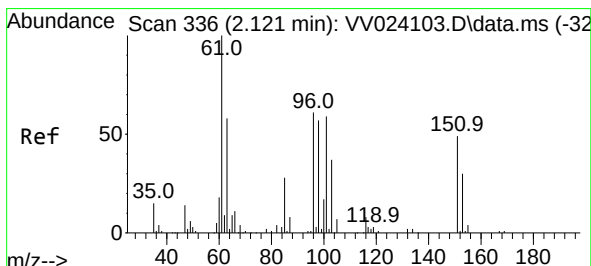
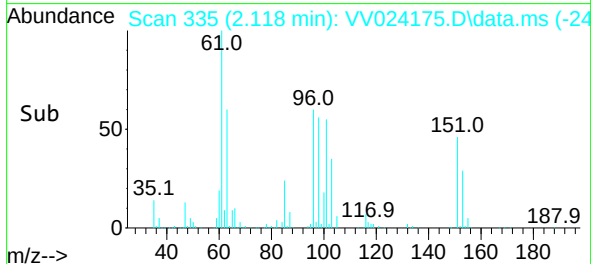
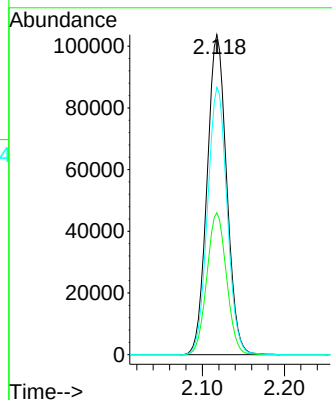
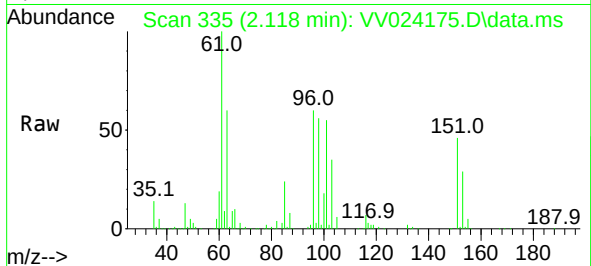




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.692 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

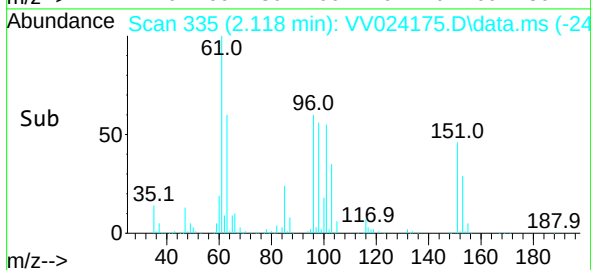
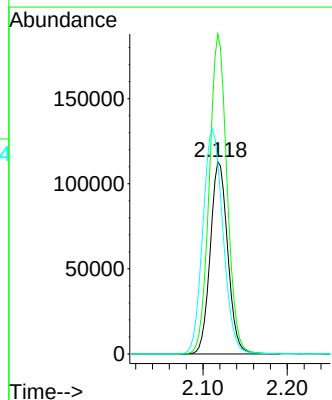
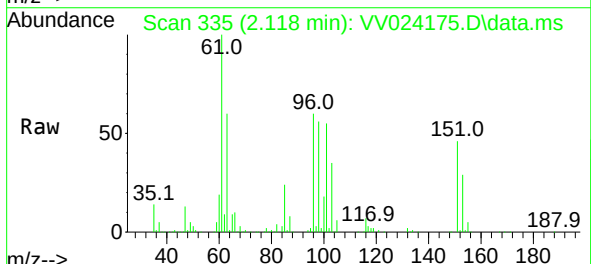
Instrument :
MSVOA_V
ClientSampleId :

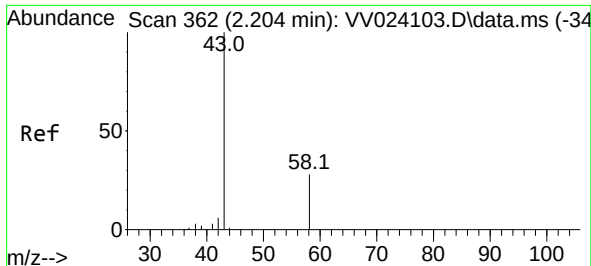
Tgt Ion:101 Resp: 172241
Ion Ratio Lower Upper
101 100
85 44.5 36.0 54.0
151 83.7 66.4 99.6



#12
1,1-Dichloroethene
Concen: 18.002 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion: 96 Resp: 162649
Ion Ratio Lower Upper
96 100
61 166.5 116.1 215.5
63 100.1 79.4 147.4





#13

Acetone

Concen: 136.356 ug/L

RT: 2.201 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

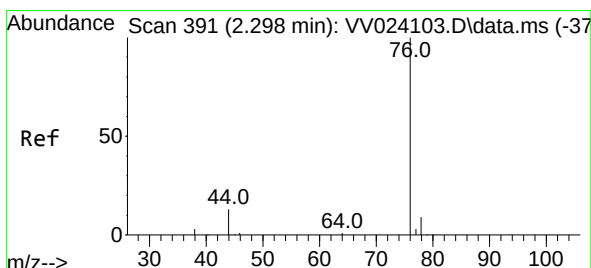
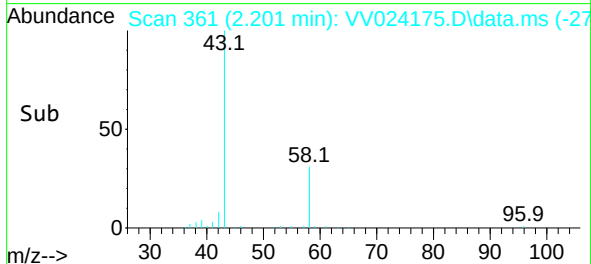
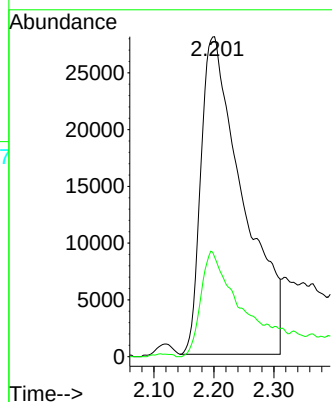
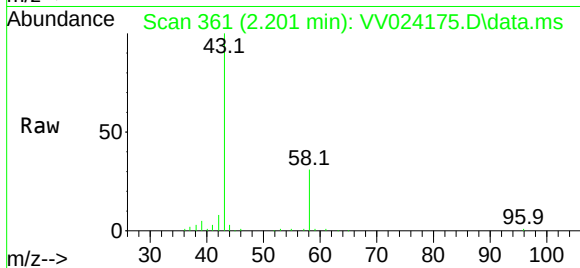
ClientSampleId :

Tgt Ion: 43 Resp: 136734

Ion Ratio Lower Upper

43 100

58 28.8 0.0 41.4



#14

Carbon disulfide

Concen: 19.787 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024175.D

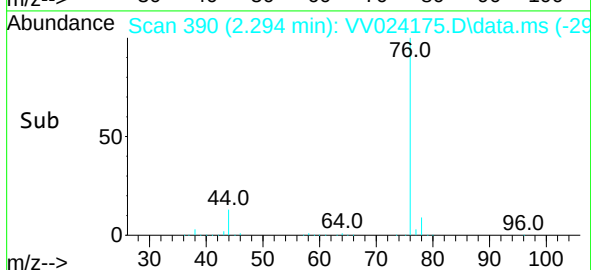
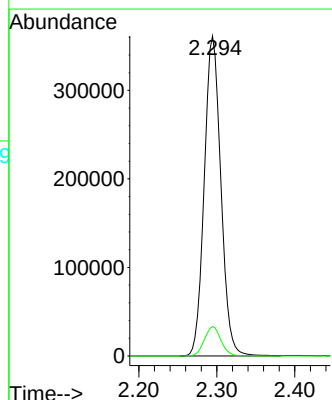
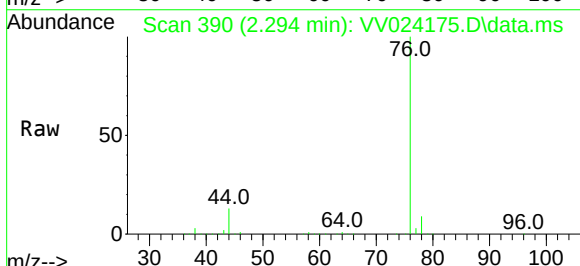
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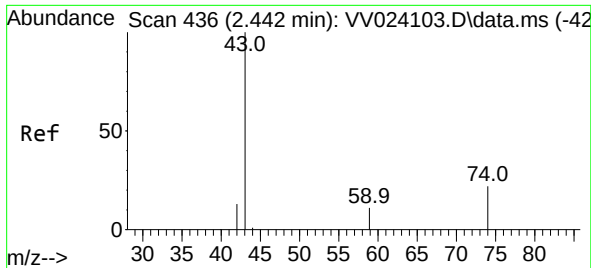
Tgt Ion: 76 Resp: 535856

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

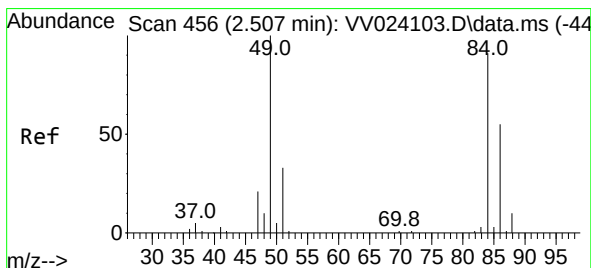
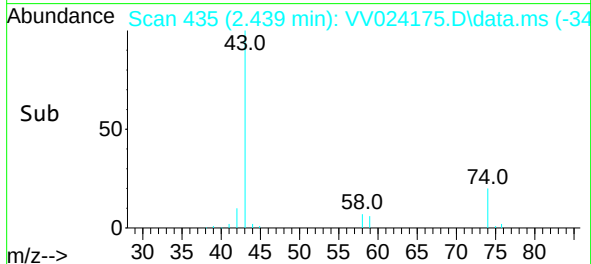
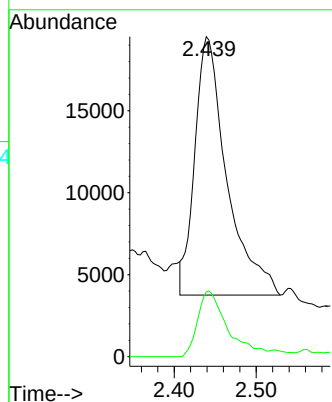
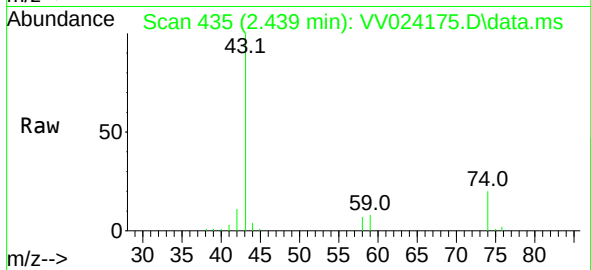




#15
Methyl Acetate
Concen: 17.067 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

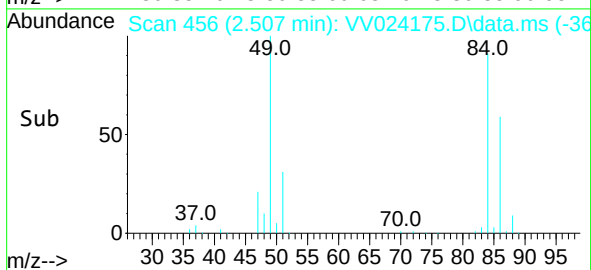
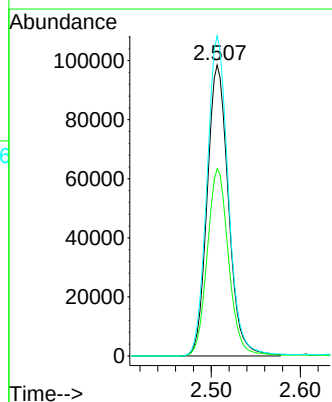
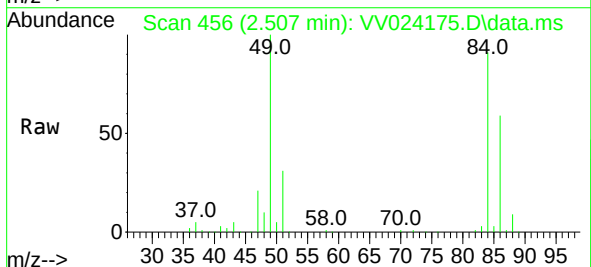
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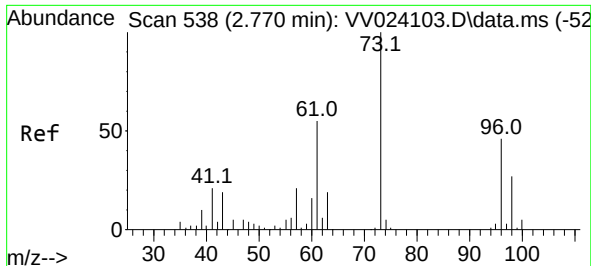
Tgt Ion: 43 Resp: 42713
Ion Ratio Lower Upper
43 100
74 23.7 20.2 30.2



#16
Methylene chloride
Concen: 14.658 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

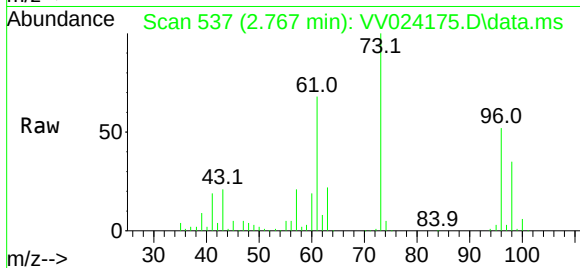
Tgt Ion: 84 Resp: 163285
Ion Ratio Lower Upper
84 100
86 64.4 42.6 79.0
49 110.0 79.7 147.9



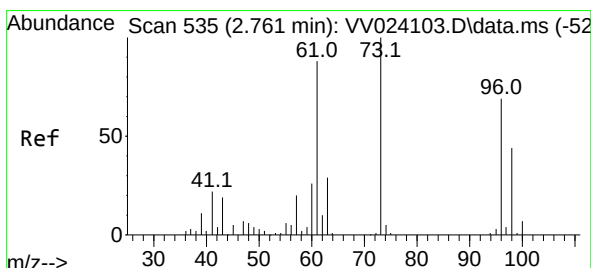
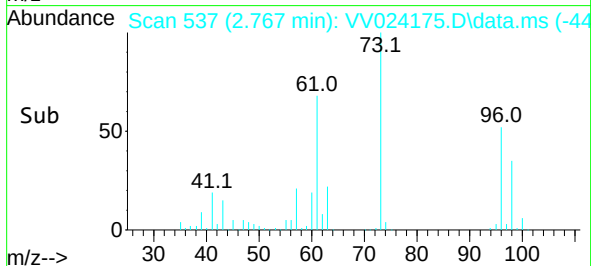
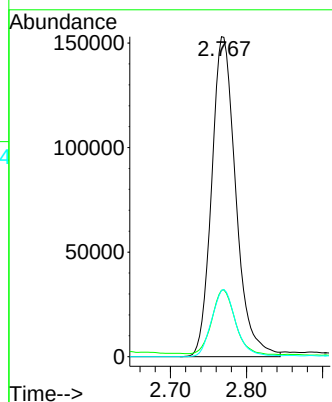


#17
Methyl tert-butyl Ether
Concen: 17.208 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Instrument :
MSVOA_V
ClientSampleId :

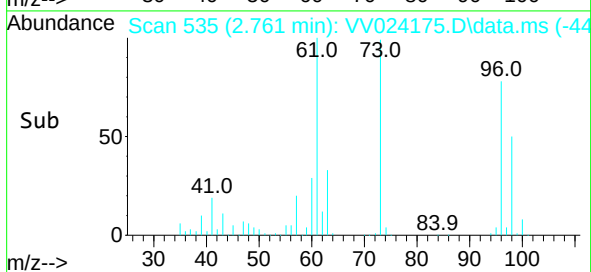
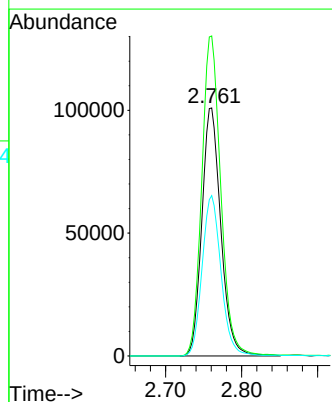
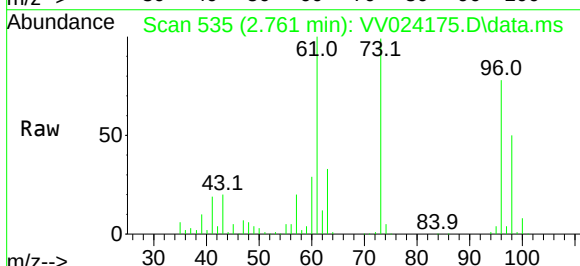


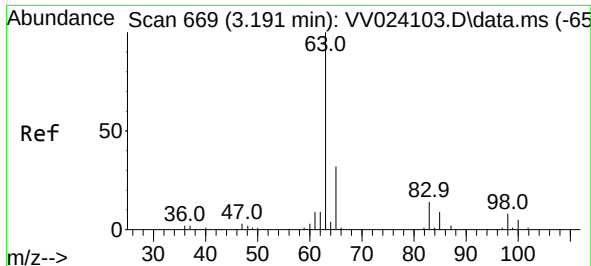
Tgt Ion: 73 Resp: 337502
Ion Ratio Lower Upper
73 100
43 19.5 15.5 23.3
57 21.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 17.800 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion: 96 Resp: 175017
Ion Ratio Lower Upper
96 100
61 129.0 88.2 163.8
98 64.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 16.580 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

ClientSampleId :

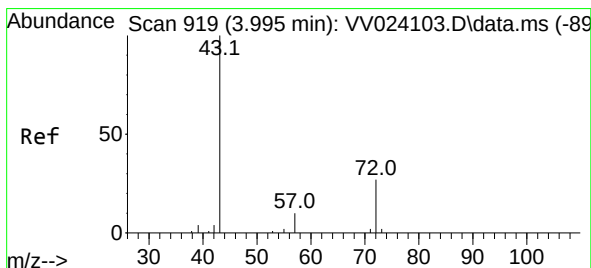
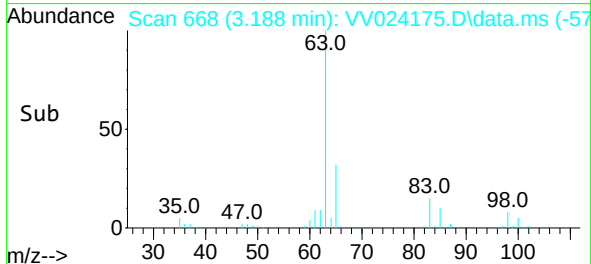
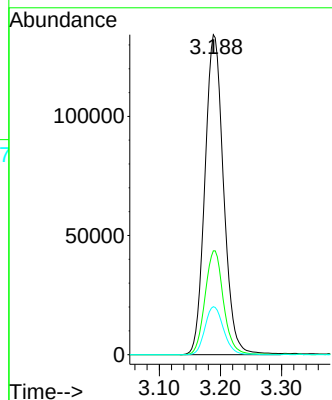
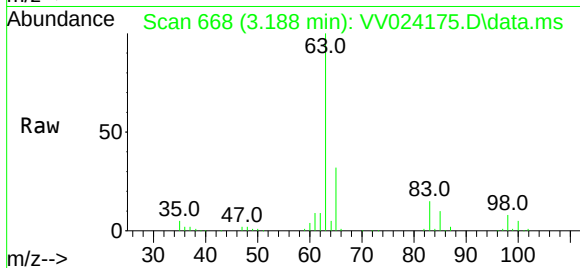
Tgt Ion: 63 Resp: 284830

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.3

83 15.0 10.7 19.9



#21

2-Butanone

Concen: 160.034 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV024175.D

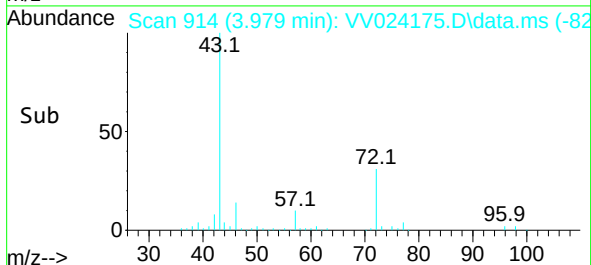
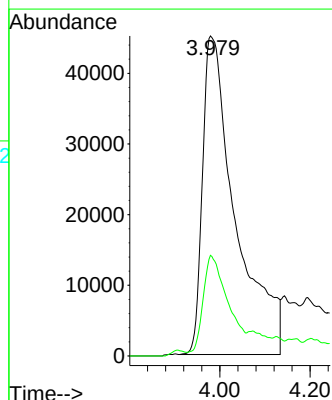
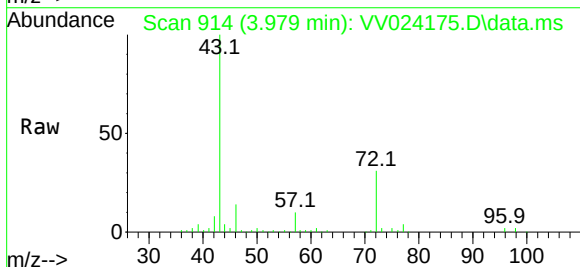
Acq: 27 Dec 2021 12:12

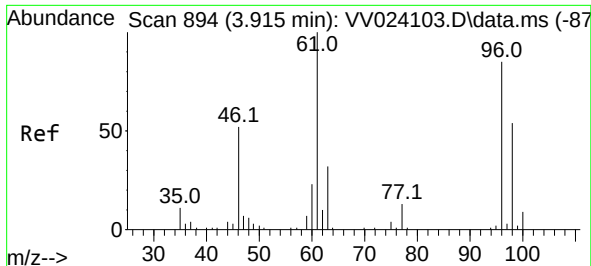
Tgt Ion: 43 Resp: 229131

Ion Ratio Lower Upper

43 100

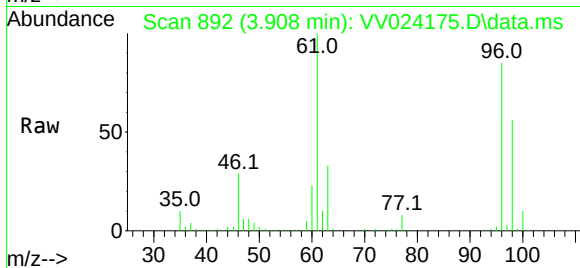
72 22.6 11.1 33.1





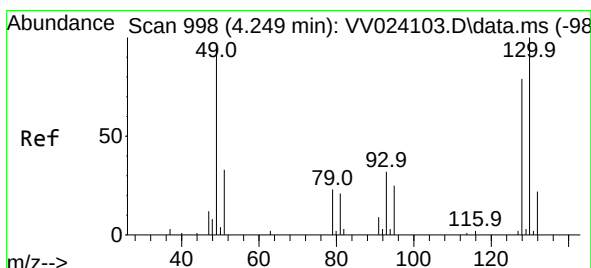
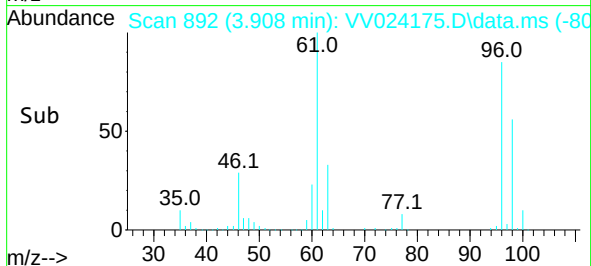
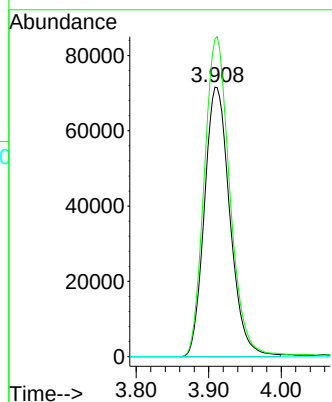
#22
 cis-1,2-Dichloroethene
 Concen: 17.289 ug/L
 RT: 3.908 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 174917

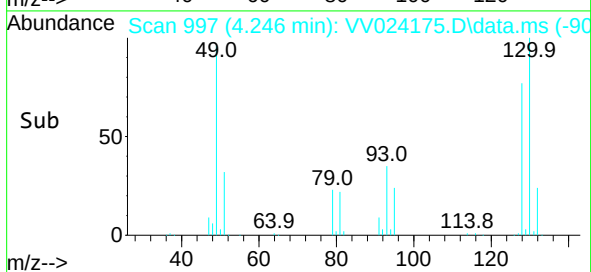
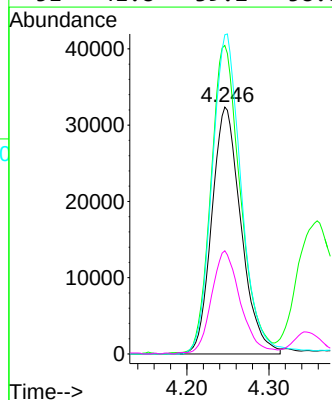
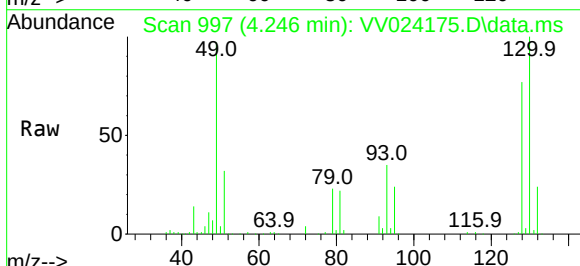
Ion	Ratio	Lower	Upper
96	100		
61	117.9	83.4	154.8
68	0.0	0.0	0.0

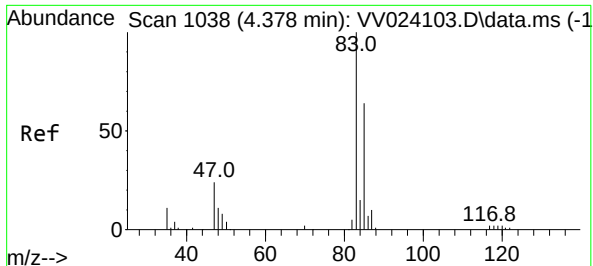


#23
 Bromochloromethane
 Concen: 17.059 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

Tgt Ion: 128 Resp: 80150

Ion	Ratio	Lower	Upper
128	100		
49	124.9	100.2	186.2
130	129.3	92.5	171.7
51	41.8	39.2	58.8





#25

Chloroform

Concen: 16.490 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

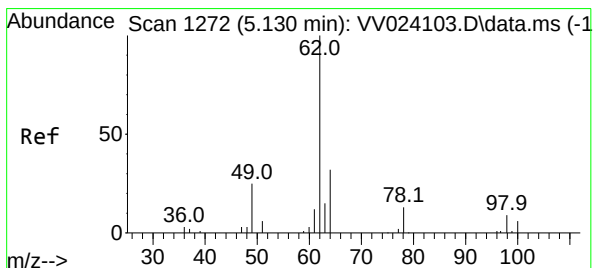
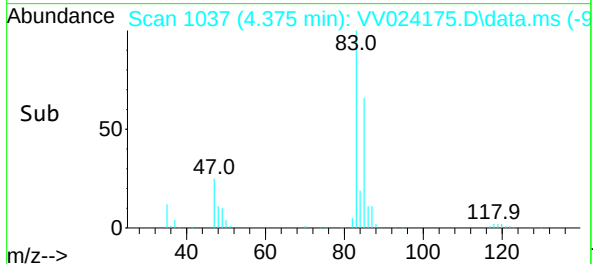
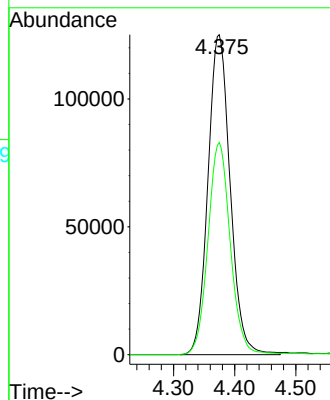
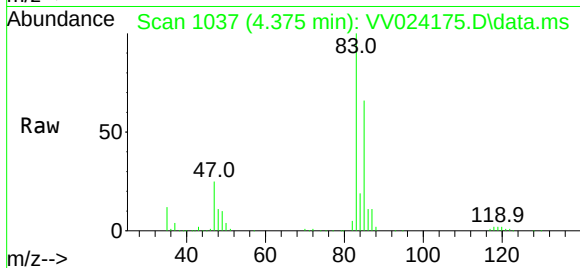
ClientSampleId :

Tgt Ion: 83 Resp: 315637

Ion Ratio Lower Upper

83 100

85 66.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 17.152 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024175.D

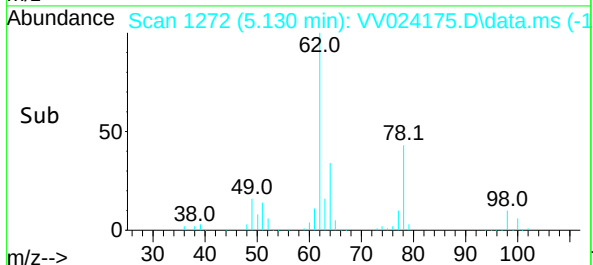
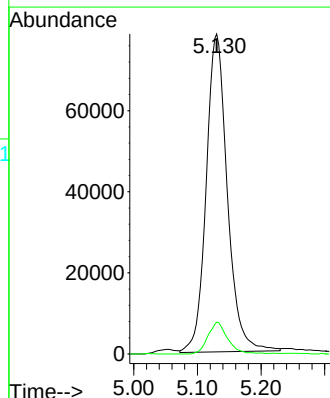
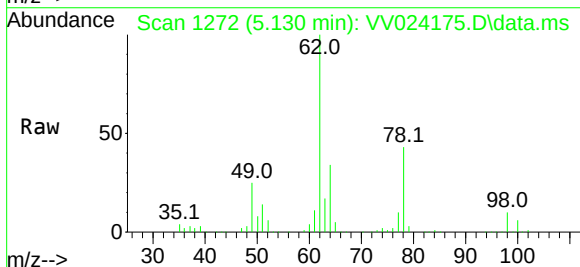
Acq: 27 Dec 2021 12:12

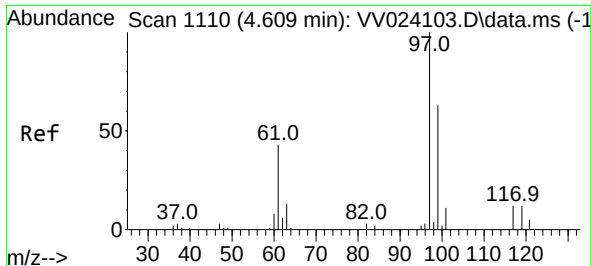
Tgt Ion: 62 Resp: 181374

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 17.552 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

ClientSampleId :

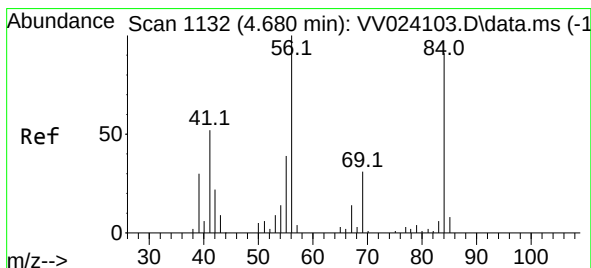
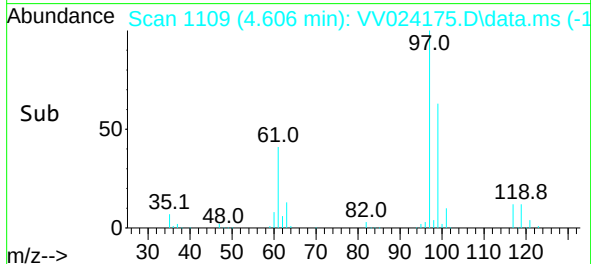
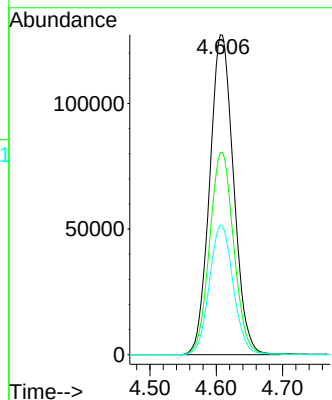
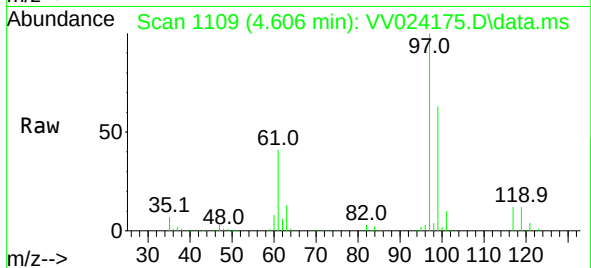
Tgt Ion: 97 Resp: 319196

Ion Ratio Lower Upper

97 100

99 63.9 51.9 77.9

61 40.5 33.2 49.8



#30

Cyclohexane

Concen: 18.386 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

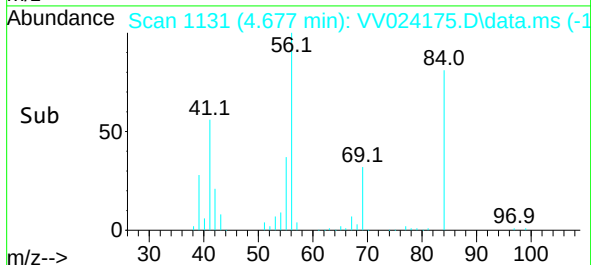
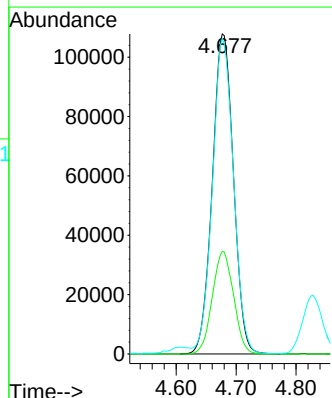
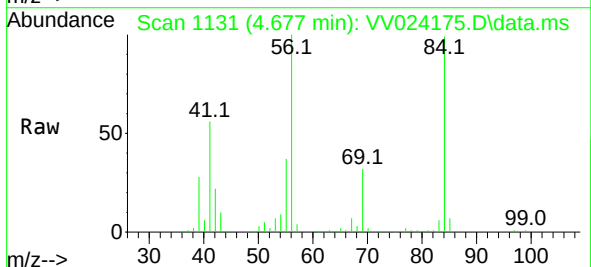
Tgt Ion: 56 Resp: 263605

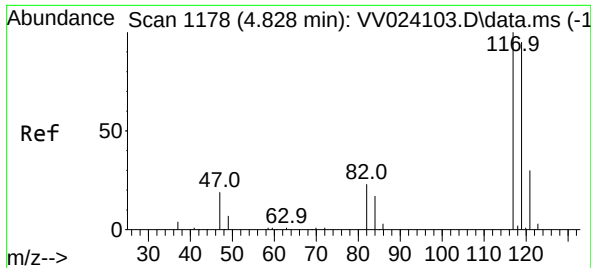
Ion Ratio Lower Upper

56 100

69 32.2 24.8 37.2

84 98.3 75.9 113.9

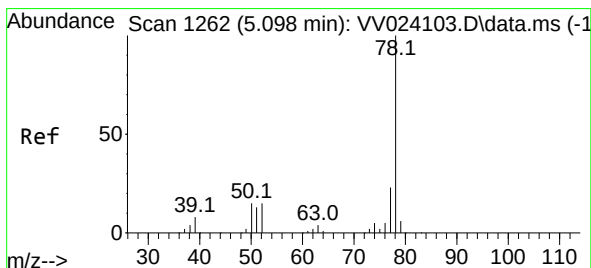
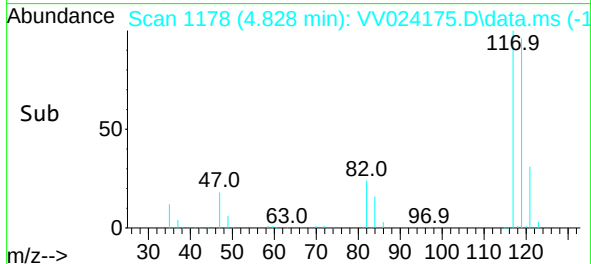
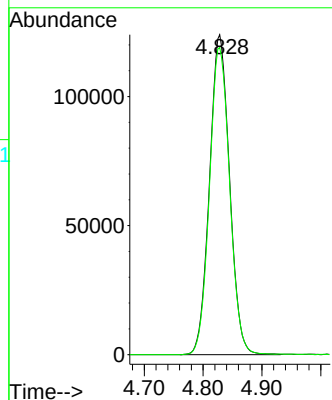
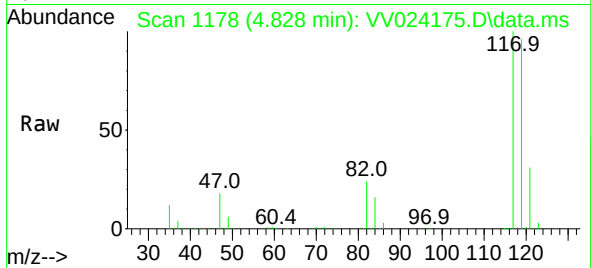




#31
Carbon tetrachloride
Concen: 17.110 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

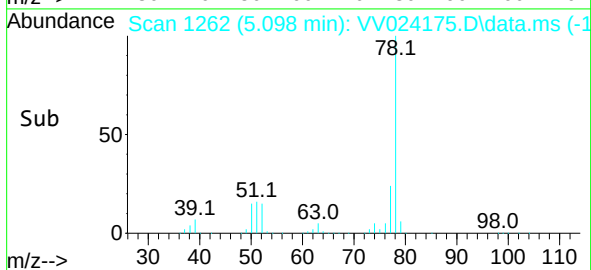
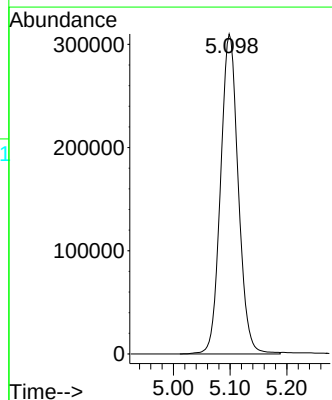
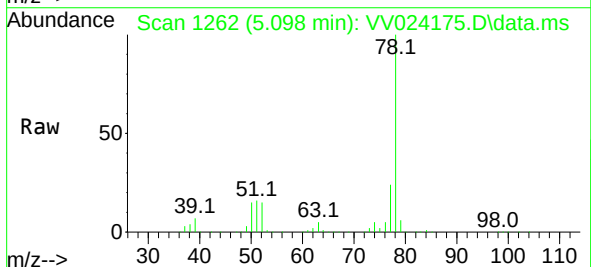
Instrument :
MSVOA_V
ClientSampleId :

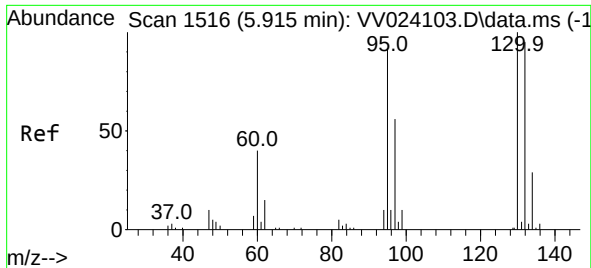
Tgt Ion:117 Resp: 293616
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8



#33
Benzene
Concen: 17.188 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

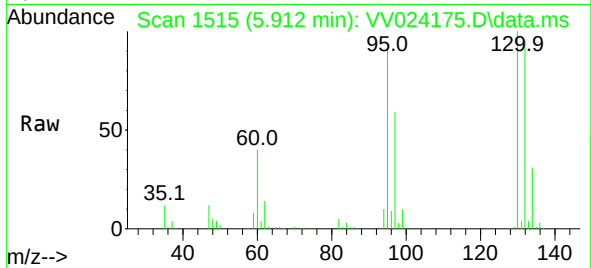
Tgt Ion: 78 Resp: 672744



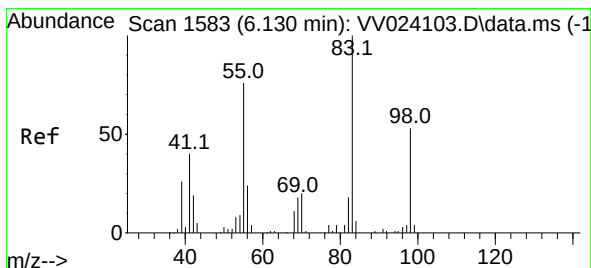
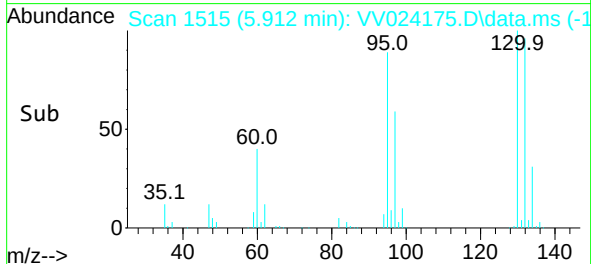
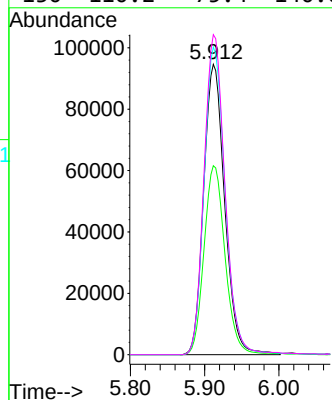


#34
Trichloroethene
Concen: 16.950 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Instrument :
MSVOA_V
ClientSampleId :

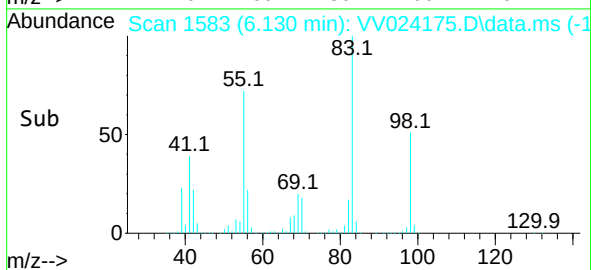
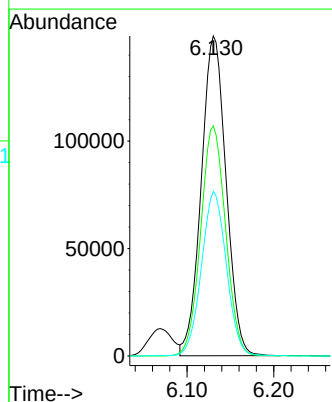
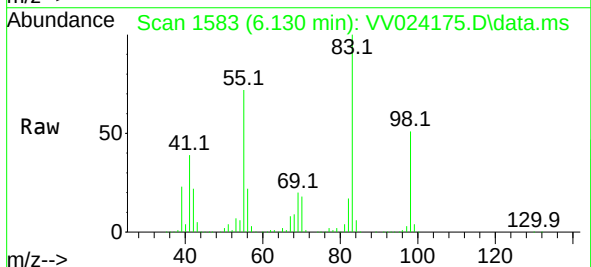


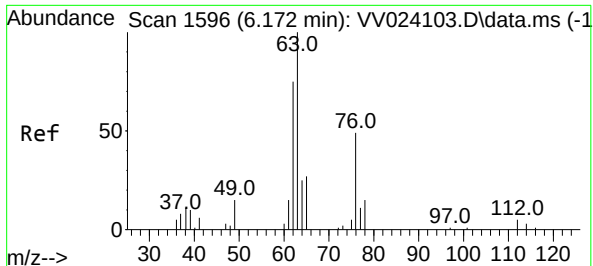
Tgt Ion: 95 Resp: 186009
Ion Ratio Lower Upper
95 100
97 65.1 45.2 84.0
132 105.9 76.1 141.3
130 110.2 75.4 140.0



#35
Methylcyclohexane
Concen: 18.168 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion: 83 Resp: 296675
Ion Ratio Lower Upper
83 100
55 72.1 60.2 90.2
98 51.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 16.365 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

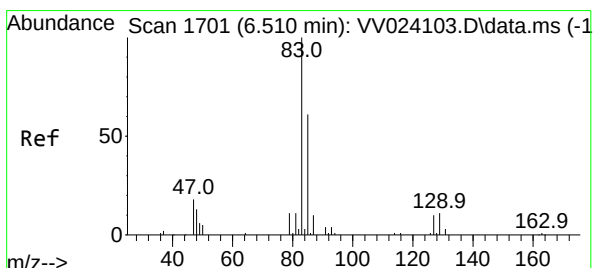
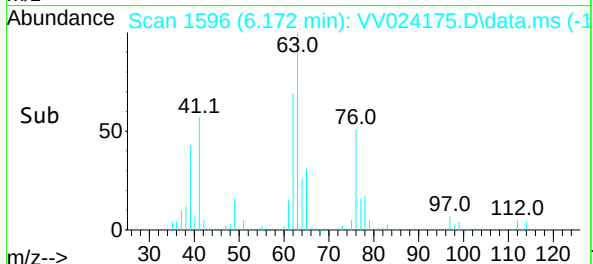
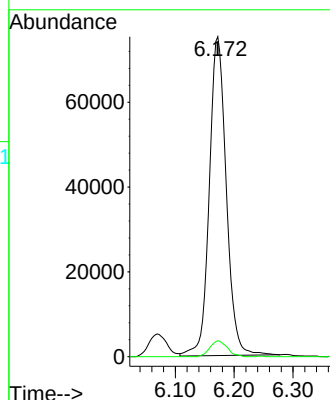
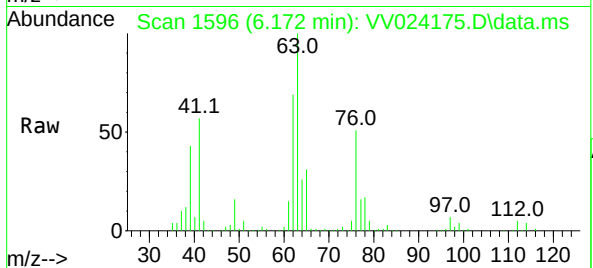
ClientSampleId :

Tgt Ion: 63 Resp: 151089

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 16.605 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

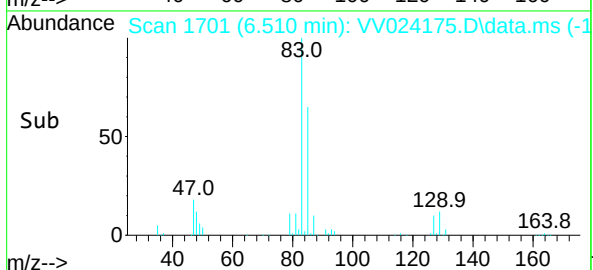
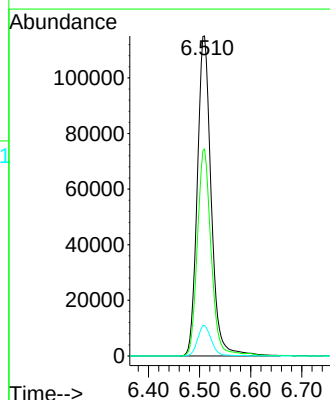
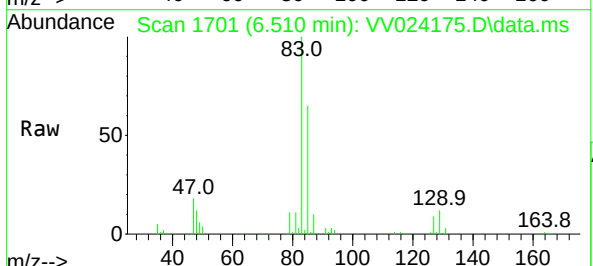
Tgt Ion: 83 Resp: 217413

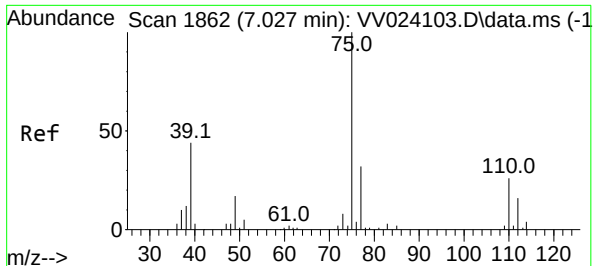
Ion Ratio Lower Upper

83 100

85 64.6 44.0 81.8

127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 17.350 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

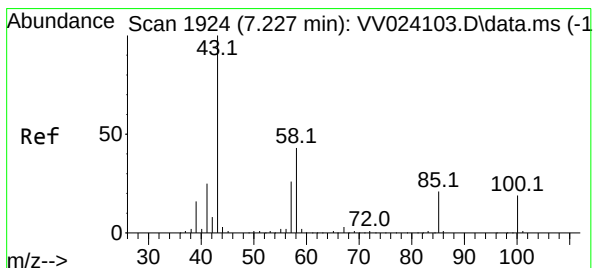
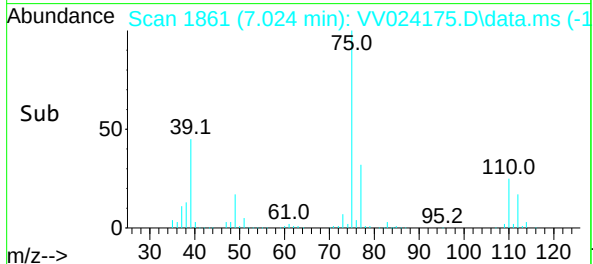
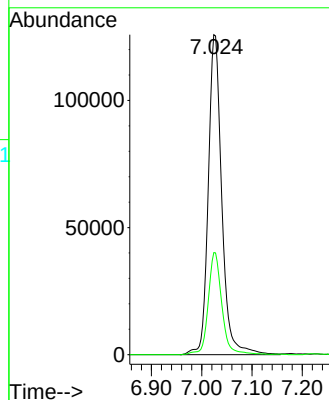
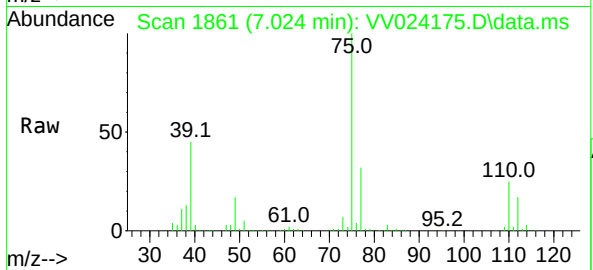
ClientSampleId :

Tgt Ion: 75 Resp: 234733

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 175.893 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

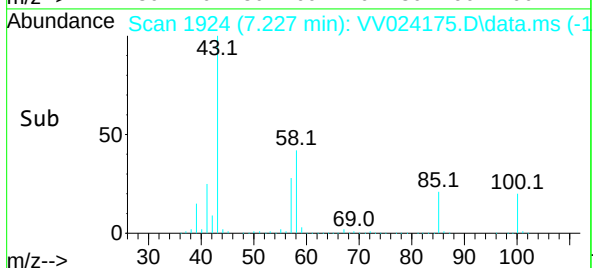
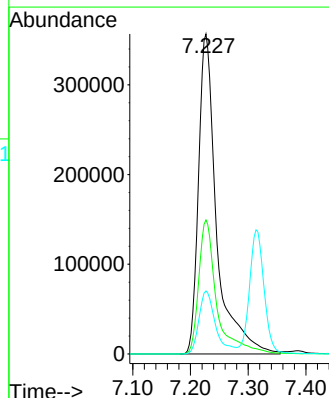
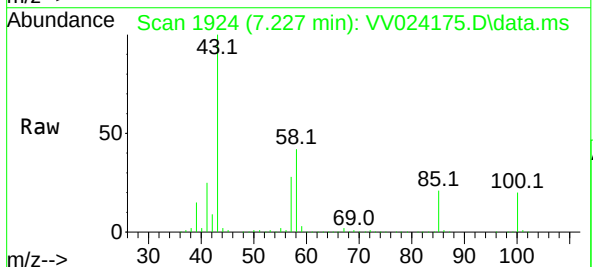
Tgt Ion: 43 Resp: 777579

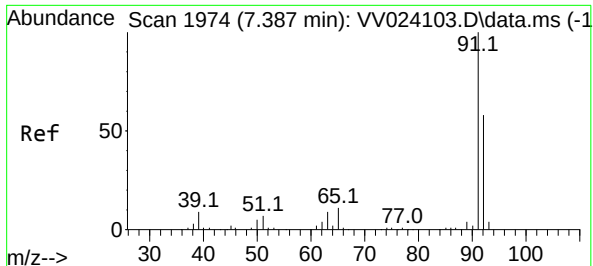
Ion Ratio Lower Upper

43 100

58 41.9 32.3 48.5

100 18.1 13.0 19.6

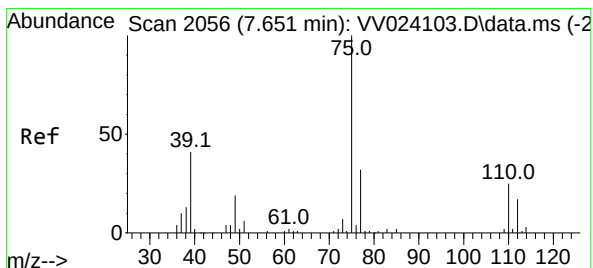
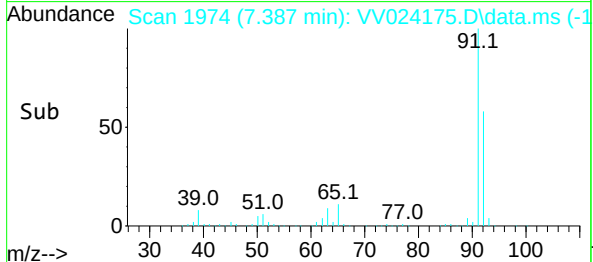
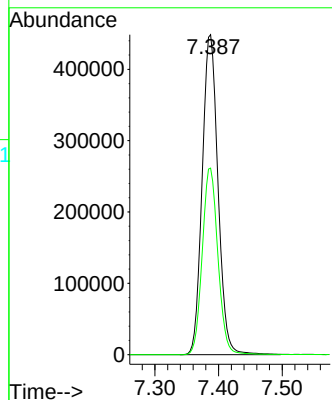
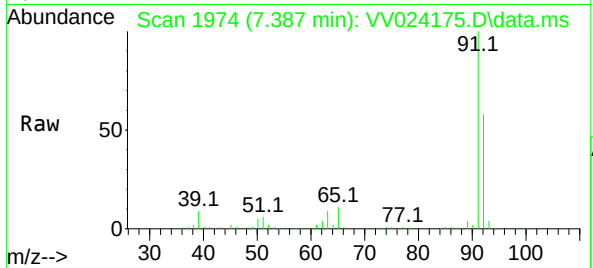




#42
Toluene
Concen: 17.543 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

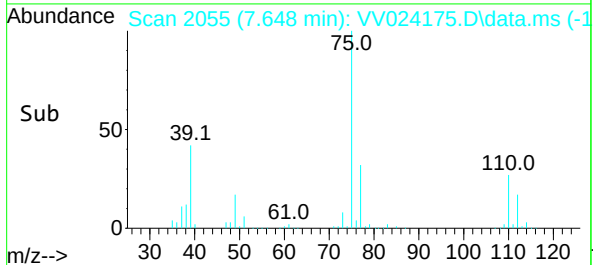
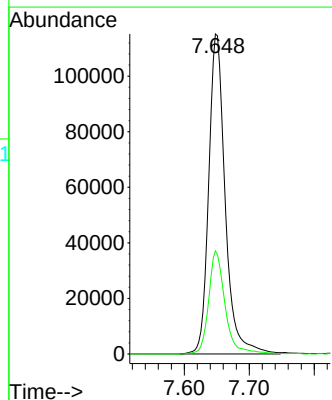
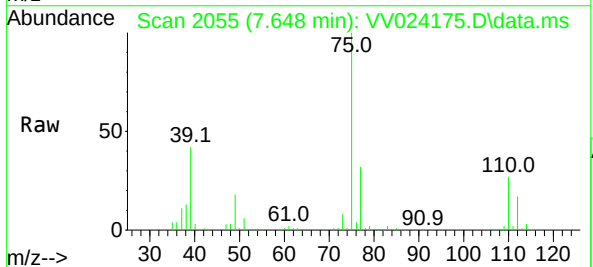
Instrument :
MSVOA_V
ClientSampleId :

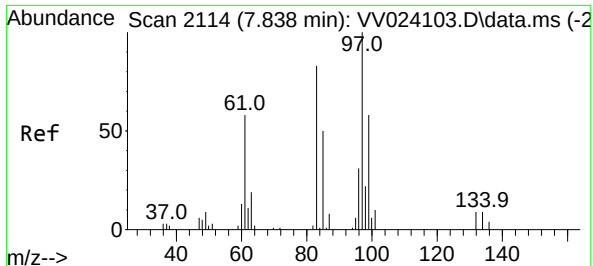
Tgt Ion: 91 Resp: 775143
Ion Ratio Lower Upper
91 100
92 58.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 17.159 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion: 75 Resp: 203343
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 16.531 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 112390

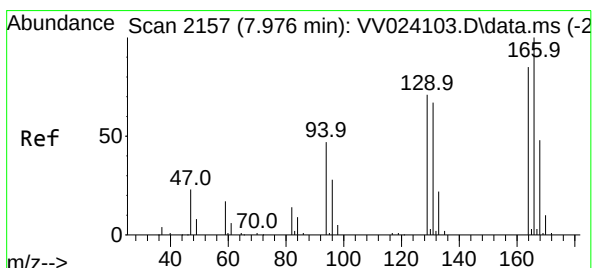
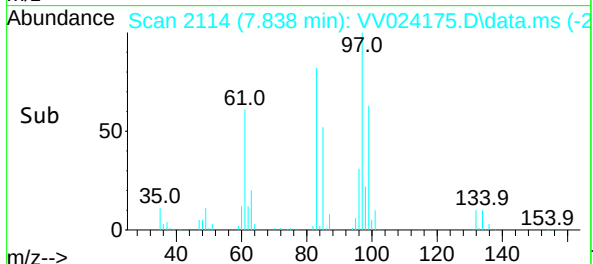
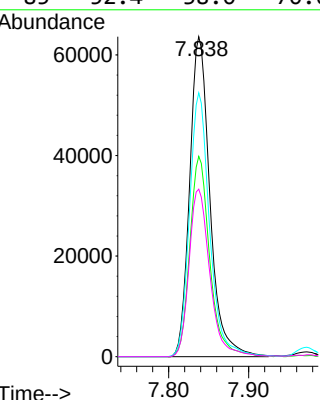
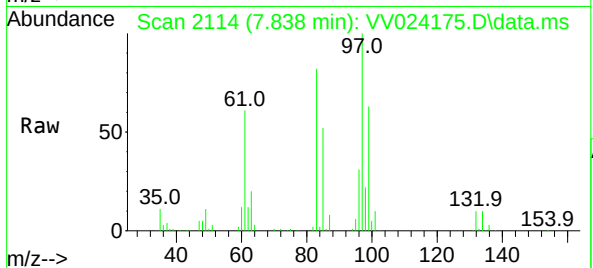
Ion Ratio Lower Upper

97 100

99 62.6 43.1 80.1

83 82.4 57.9 107.5

85 52.4 38.0 70.6



#47

Tetrachloroethene

Concen: 17.629 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Tgt Ion:164 Resp: 170818

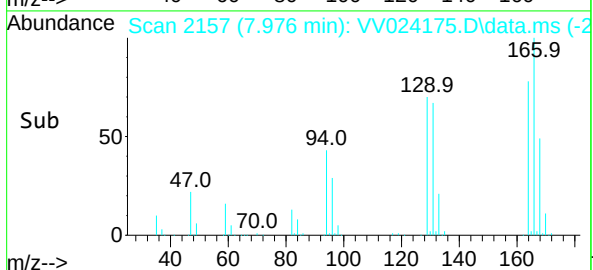
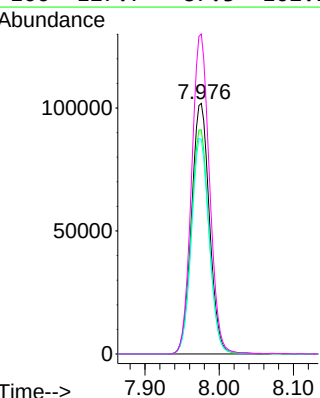
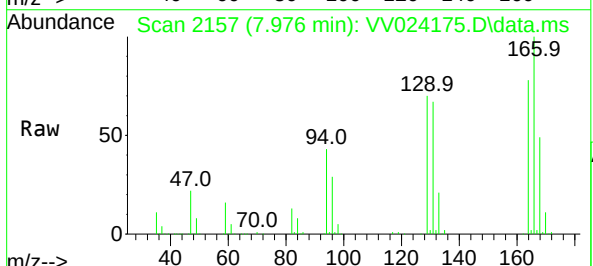
Ion Ratio Lower Upper

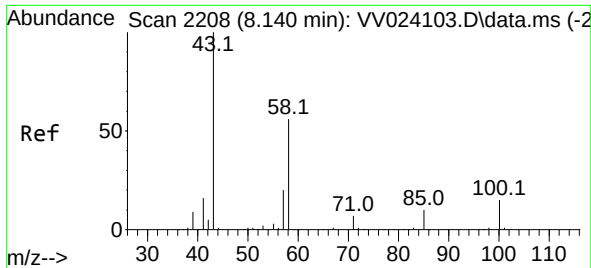
164 100

129 89.4 62.6 116.2

131 85.6 61.0 113.4

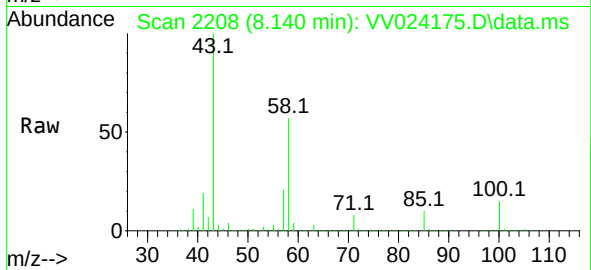
166 127.7 87.3 162.1



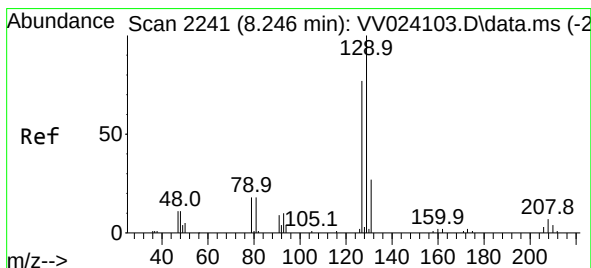
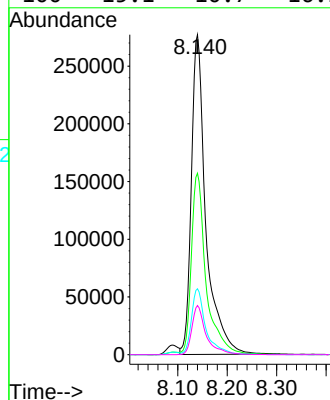
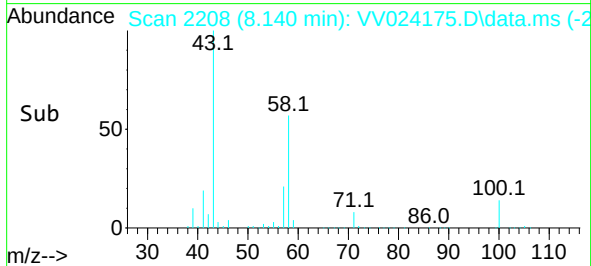


#48
2-Hexanone
Concen: 177.293 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Instrument :
MSVOA_V
ClientSampleId :

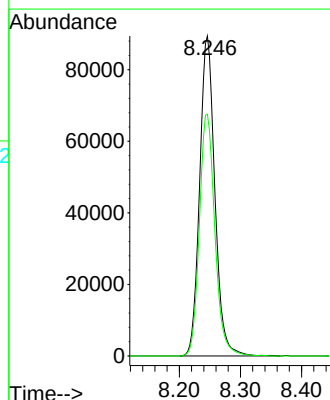
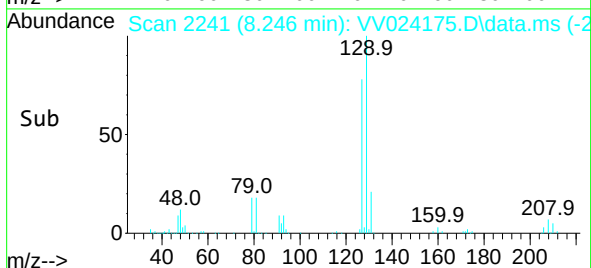
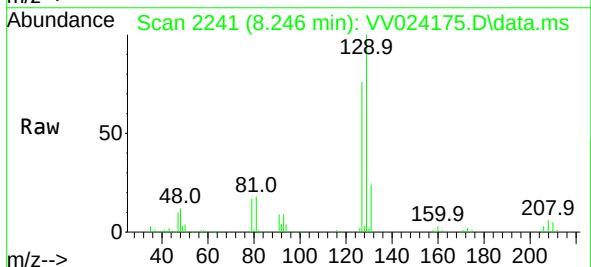


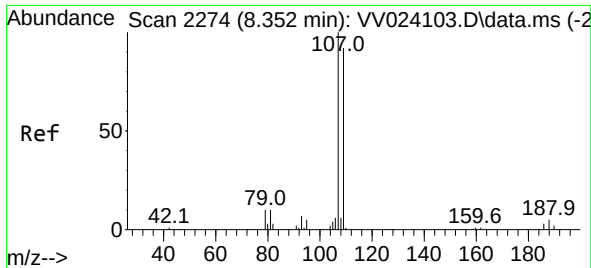
Tgt Ion: 43 Resp: 566976
Ion Ratio Lower Upper
43 100
58 55.5 44.5 66.7
57 20.6 15.1 22.7
100 15.1 10.7 16.1



#49
Dibromochloromethane
Concen: 16.740 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

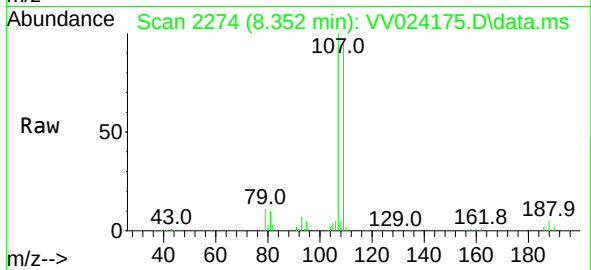
Tgt Ion: 129 Resp: 154439
Ion Ratio Lower Upper
129 100
127 75.6 53.5 99.3



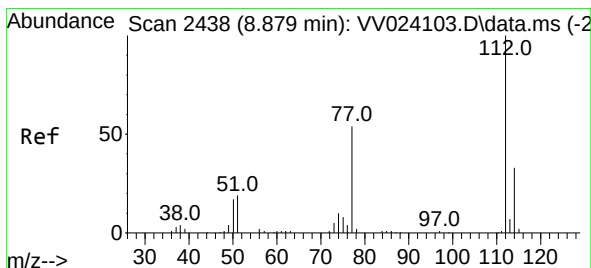
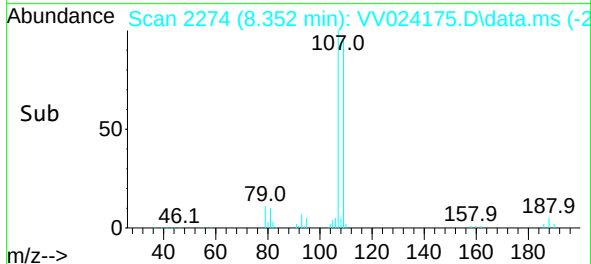
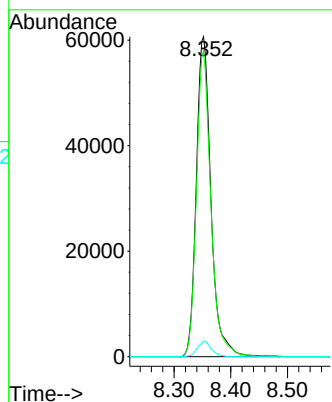


#50
1,2-Dibromoethane
Concen: 17.058 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Instrument :
MSVOA_V
ClientSampleId :

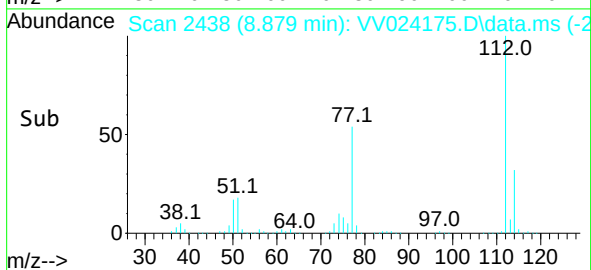
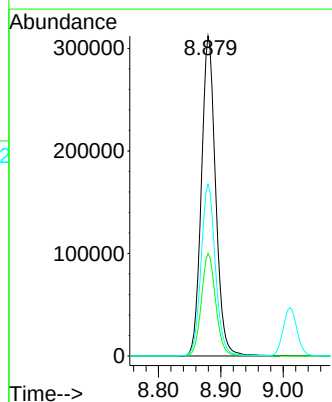
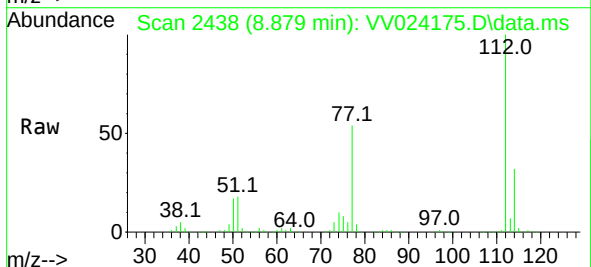


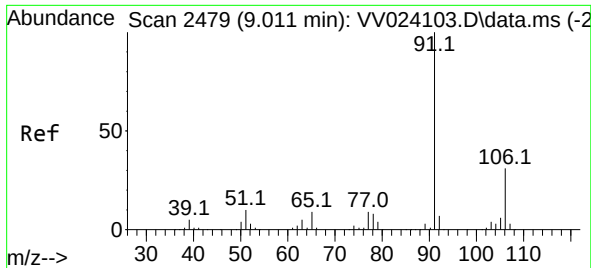
Tgt Ion:107 Resp: 108862
Ion Ratio Lower Upper
107 100
109 95.4 62.5 116.1
188 4.8 3.4 5.2



#51
Chlorobenzene
Concen: 17.017 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion:112 Resp: 495671
Ion Ratio Lower Upper
112 100
114 32.0 23.3 43.3
77 53.7 43.3 64.9

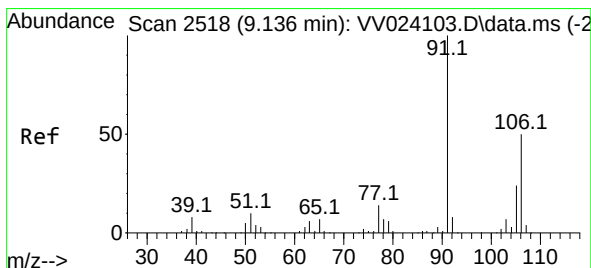
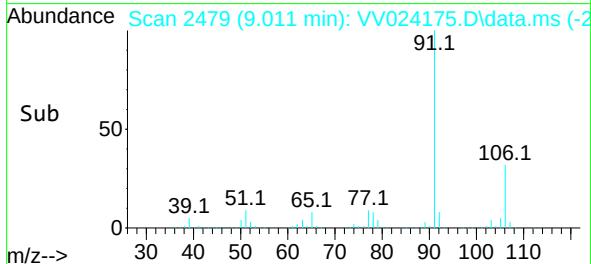
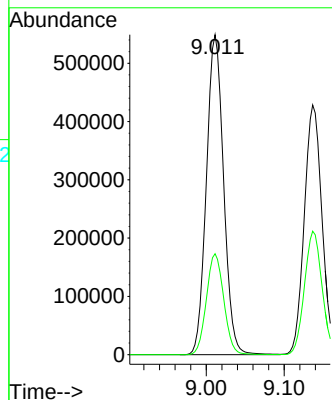
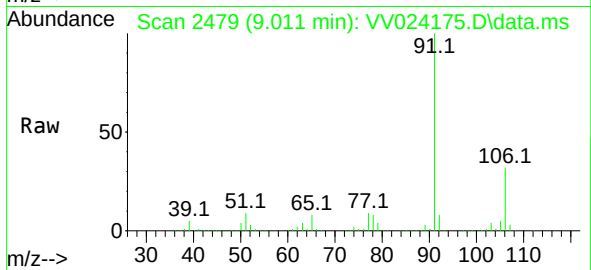




#52
Ethylbenzene
Concen: 18.191 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

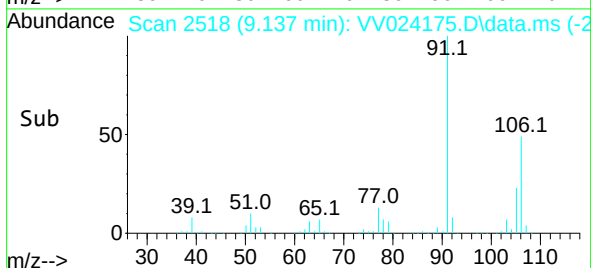
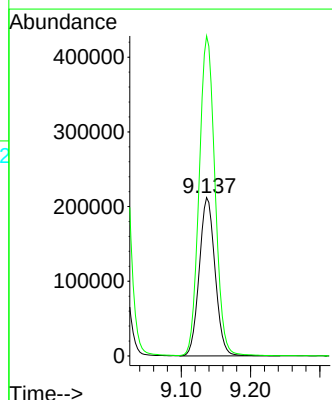
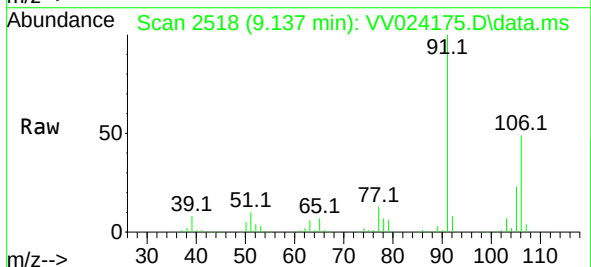
Instrument :
MSVOA_V
ClientSampleId :

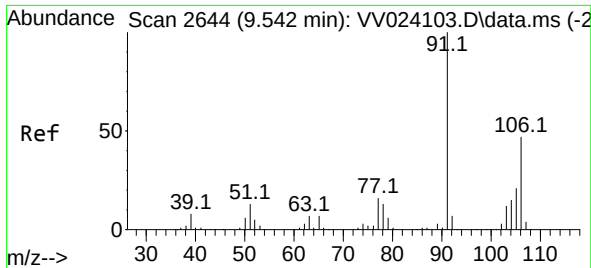
Tgt Ion: 91 Resp: 842572
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-xylene
Concen: 18.128 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion:106 Resp: 335508
Ion Ratio Lower Upper
106 100
91 202.1 139.5 259.1

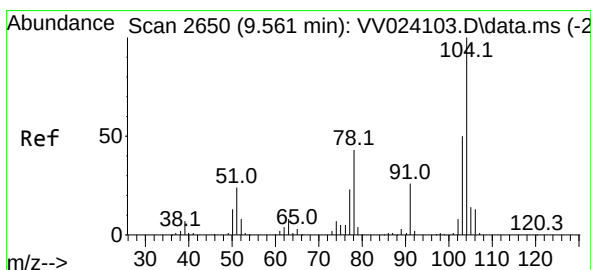
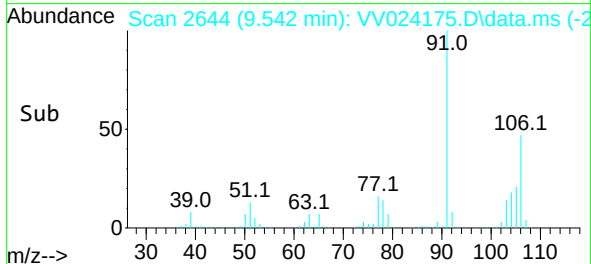
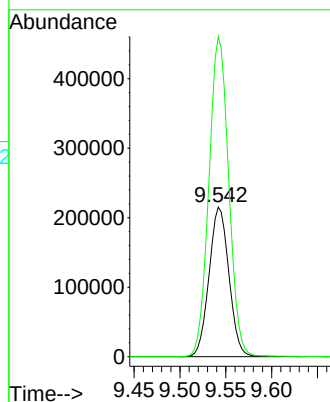
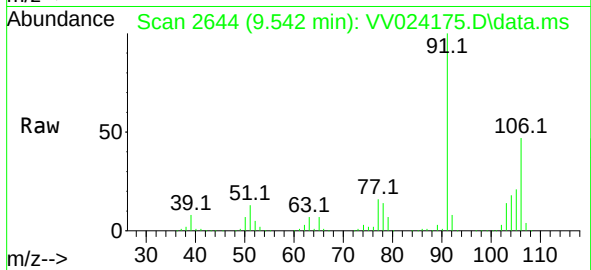




#54
o-xylene
Concen: 18.323 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

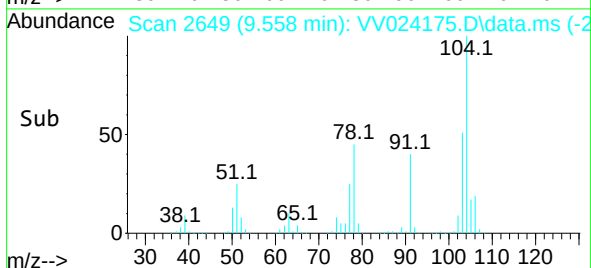
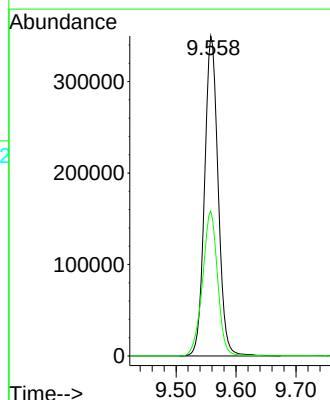
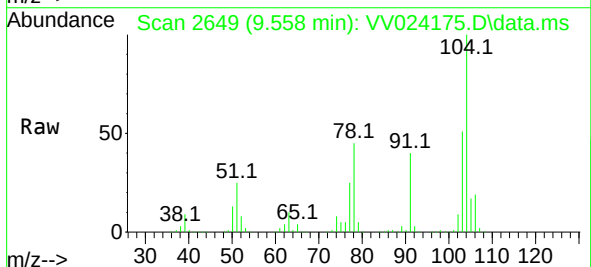
Instrument :
MSVOA_V
ClientSampleId :

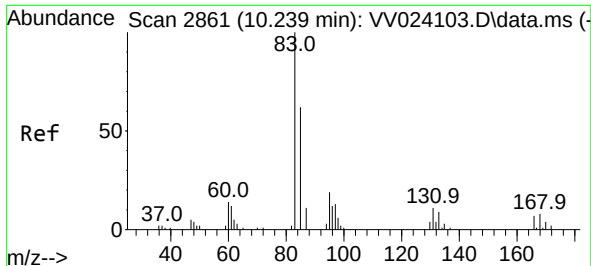
Tgt Ion:106 Resp: 324330
Ion Ratio Lower Upper
106 100
91 213.8 147.9 274.7



#55
Styrene
Concen: 18.556 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion:104 Resp: 552338
Ion Ratio Lower Upper
104 100
78 45.3 31.0 57.6

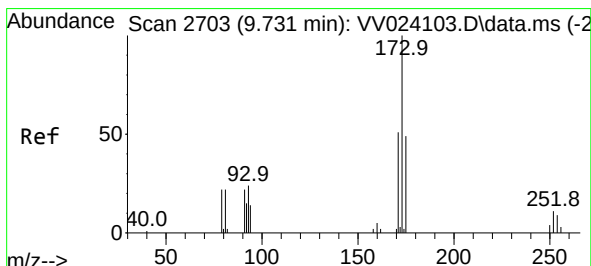
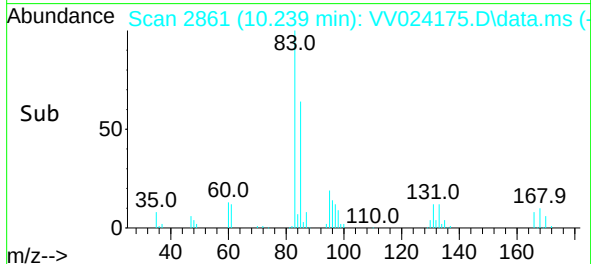
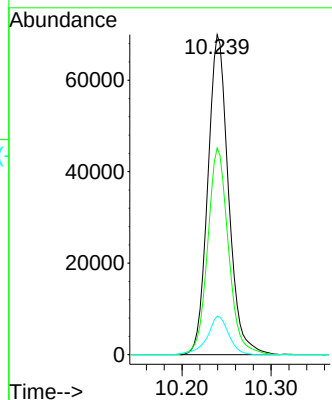
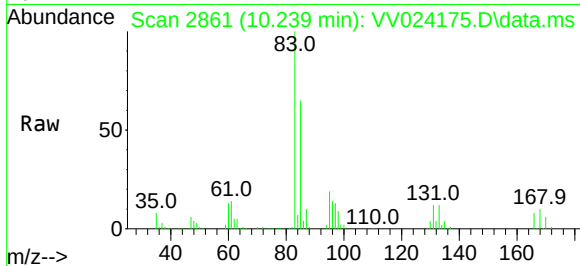




#57
 1,1,2,2-Tetrachloroethane
 Concen: 15.562 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

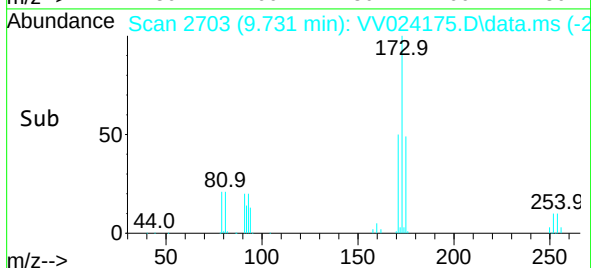
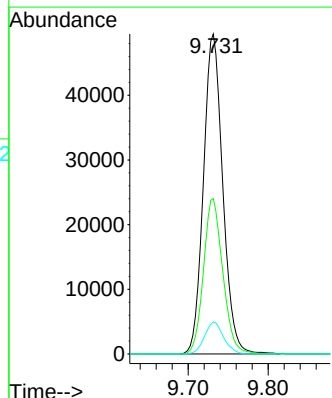
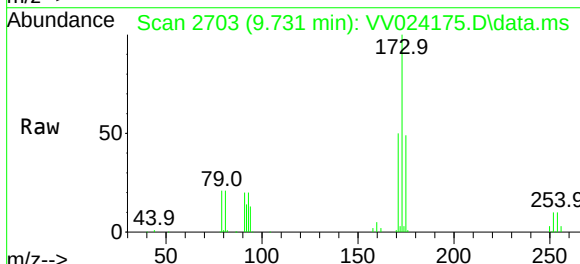
Instrument :
 MSVOA_V
 ClientSampleId :

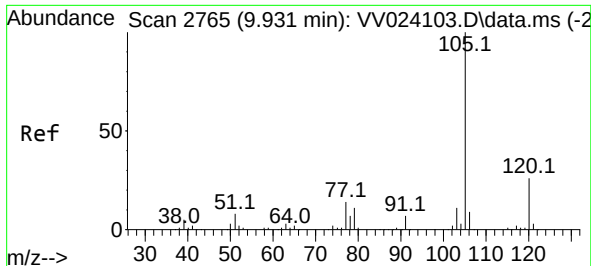
Tgt Ion: 83 Resp: 112240
 Ion Ratio Lower Upper
 83 100
 85 64.6 44.6 82.8
 131 12.0 8.3 12.5



#59
 Bromoform
 Concen: 15.927 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

Tgt Ion: 173 Resp: 83228
 Ion Ratio Lower Upper
 173 100
 175 48.3 39.4 59.2
 254 9.8 7.4 11.0

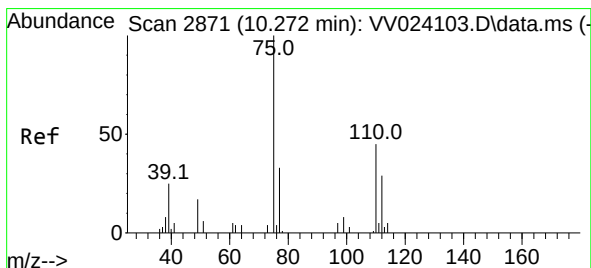
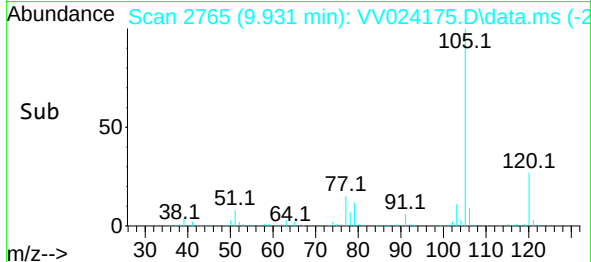
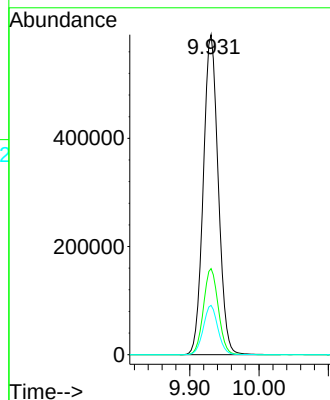
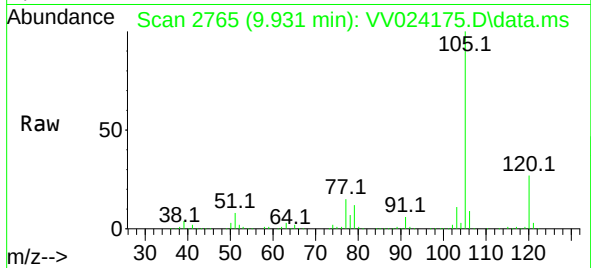




#60
Isopropylbenzene
Concen: 17.926 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

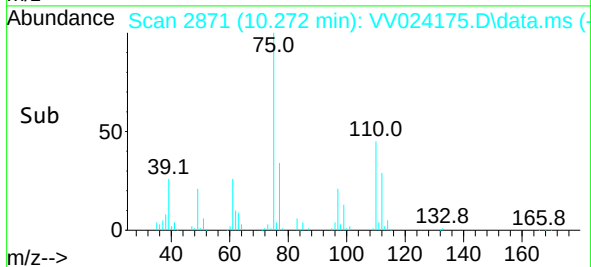
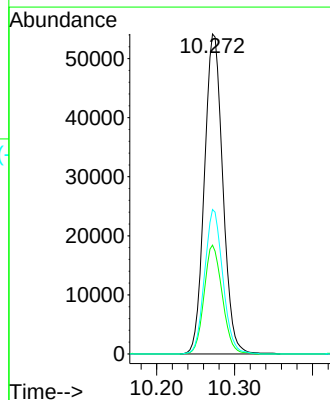
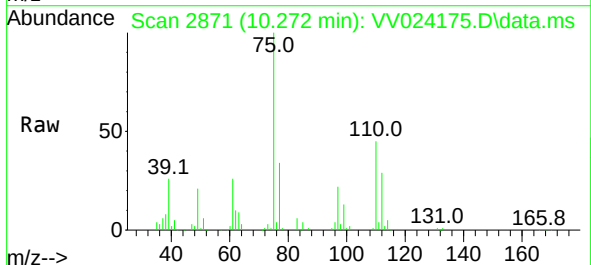
Instrument :
MSVOA_V
ClientSampleId :

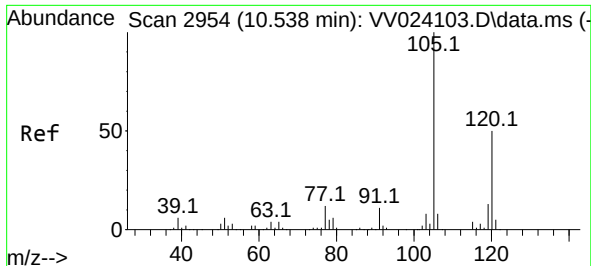
Tgt Ion:105 Resp: 884623
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 15.663 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024175.D
Acq: 27 Dec 2021 12:12

Tgt Ion: 75 Resp: 88853
Ion Ratio Lower Upper
75 100
77 33.5 26.4 39.6
110 44.7 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 18.466 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

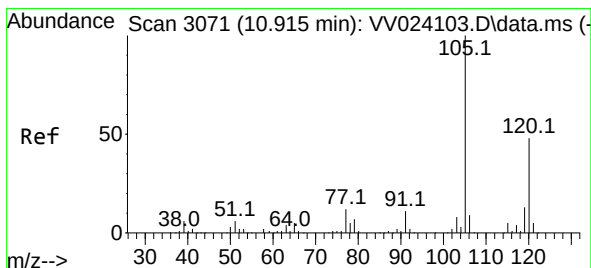
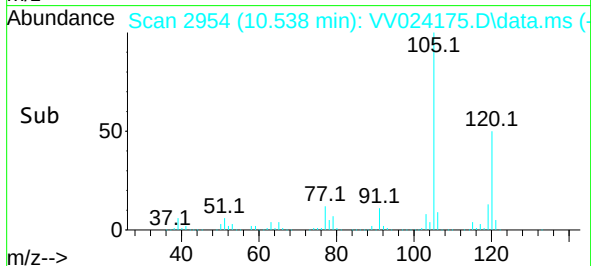
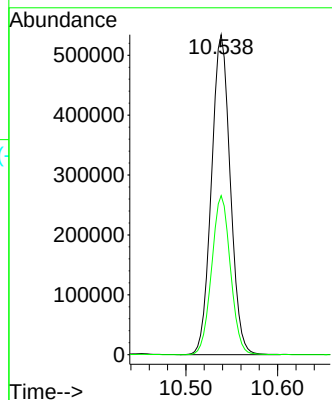
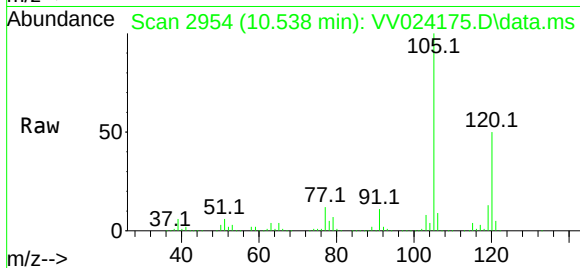
ClientSampleId :

Tgt Ion:105 Resp: 762406

Ion Ratio Lower Upper

105 100

120 49.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 18.858 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV024175.D

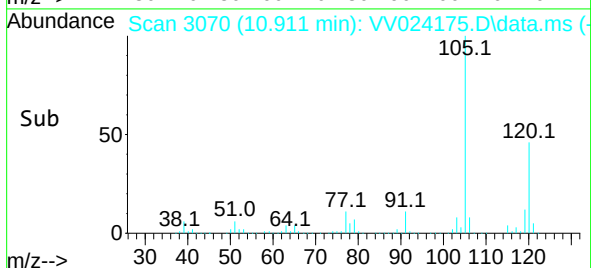
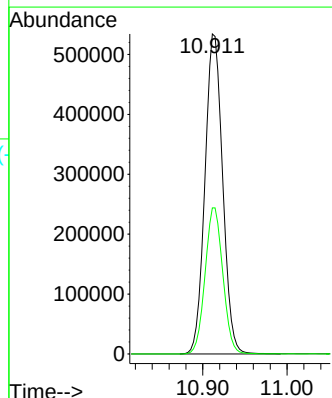
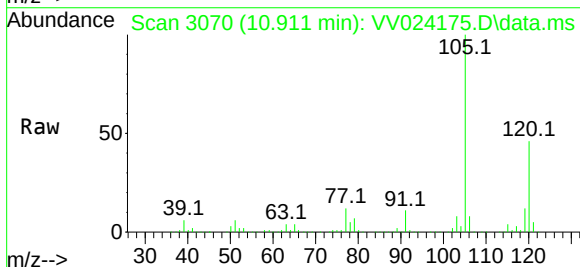
Acq: 27 Dec 2021 12:12

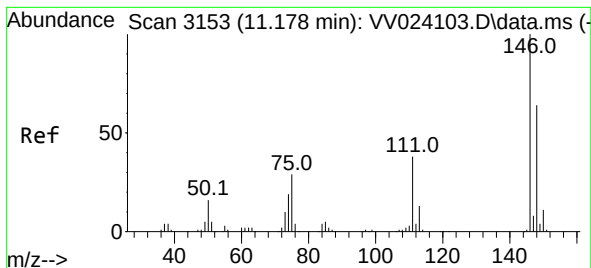
Tgt Ion:105 Resp: 783228

Ion Ratio Lower Upper

105 100

120 45.7 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 17.033 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

ClientSampleId :

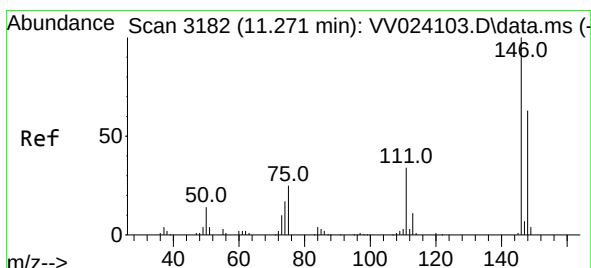
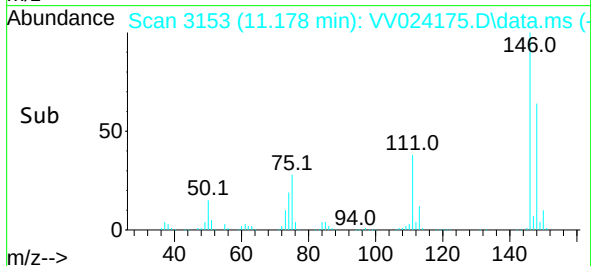
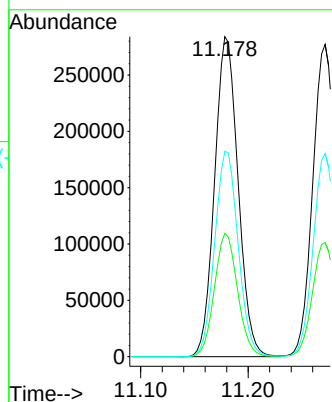
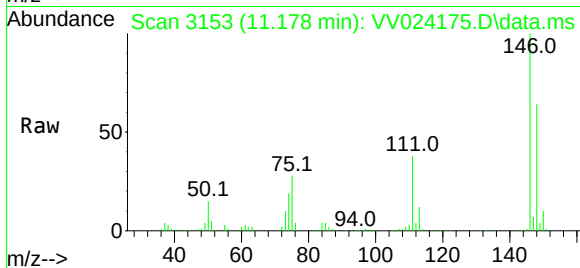
Tgt Ion:146 Resp: 431774

Ion Ratio Lower Upper

146 100

111 38.5 26.3 48.9

148 64.2 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 16.784 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

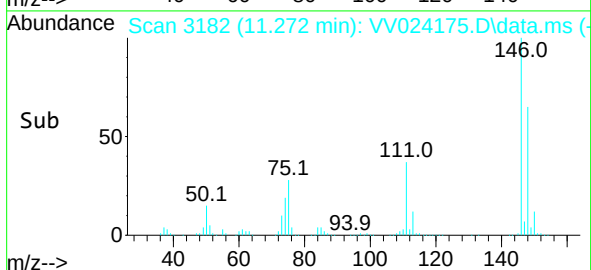
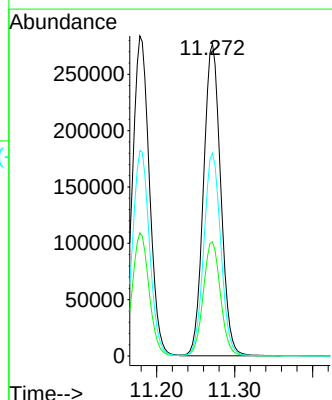
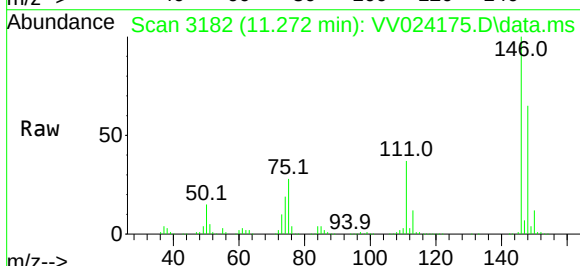
Tgt Ion:146 Resp: 424704

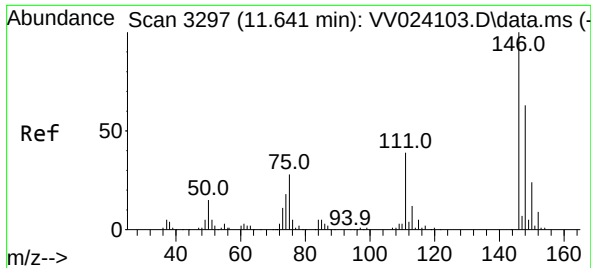
Ion Ratio Lower Upper

146 100

111 36.5 25.6 47.6

148 65.0 44.8 83.2

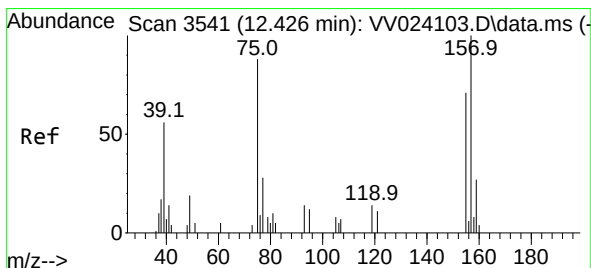
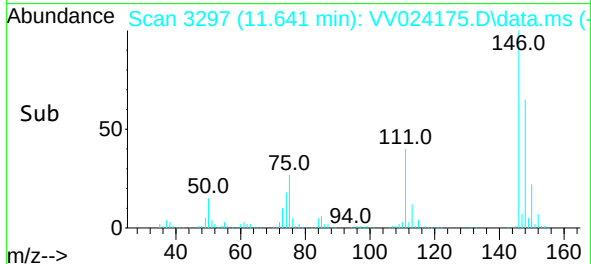
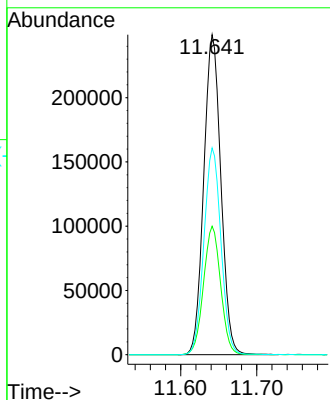
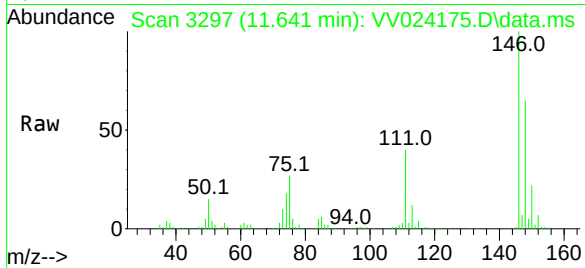




#67
 1,2-Dichlorobenzene
 Concen: 16.906 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

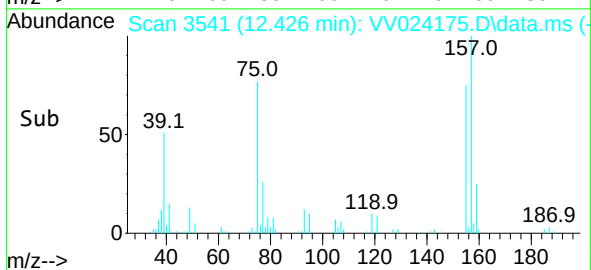
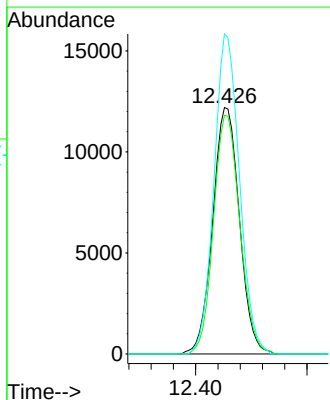
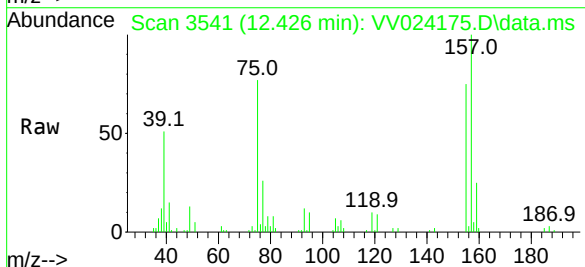
Instrument :
 MSVOA_V
 ClientSampleId :

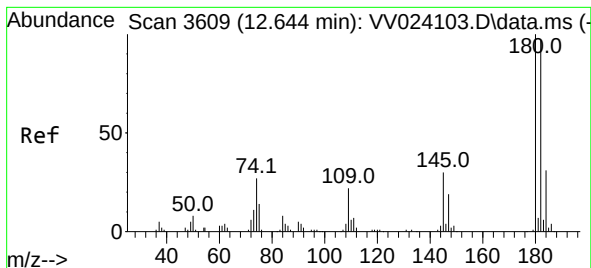
Tgt Ion:146 Resp: 389237
 Ion Ratio Lower Upper
 146 100
 111 40.2 31.9 47.9
 148 64.6 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 16.948 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV024175.D
 Acq: 27 Dec 2021 12:12

Tgt Ion: 75 Resp: 20304
 Ion Ratio Lower Upper
 75 100
 155 96.8 71.7 107.5
 157 129.9 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 16.988 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

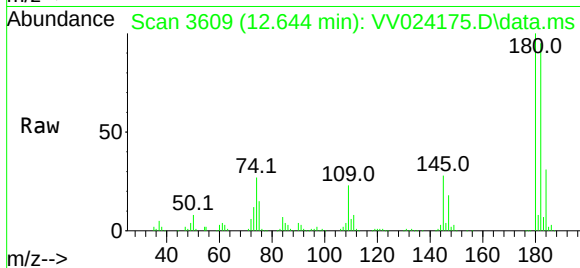
Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 352844

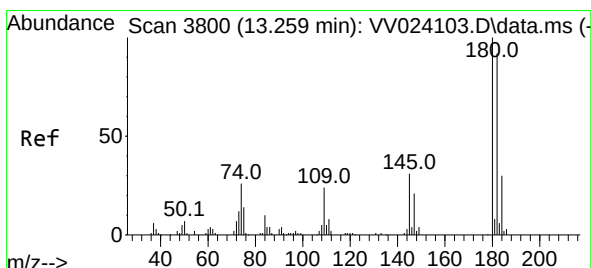
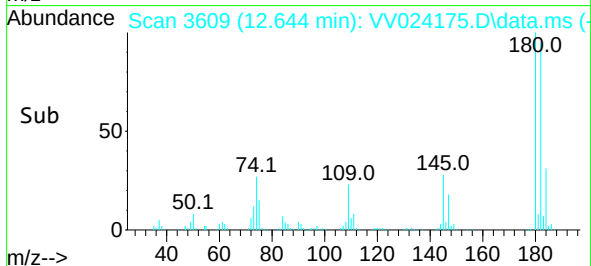
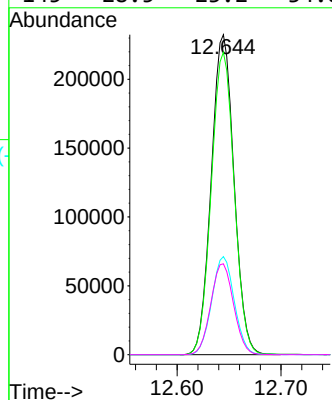
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

184 30.4 24.2 36.4

145 28.5 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 17.268 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

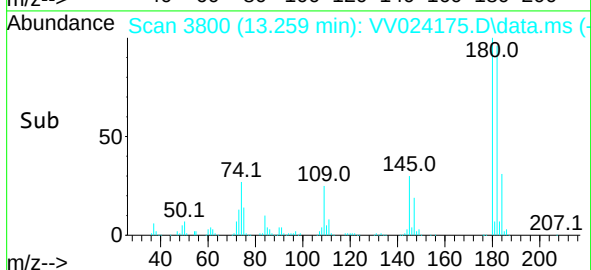
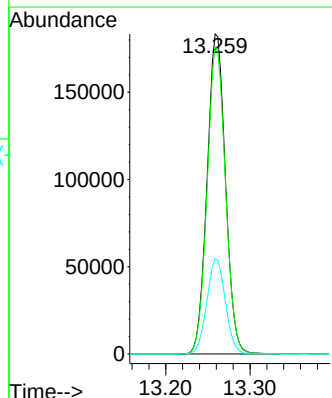
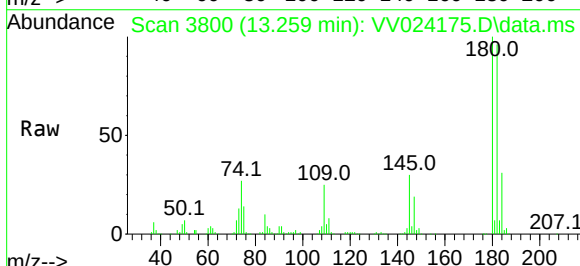
Tgt Ion:180 Resp: 278048

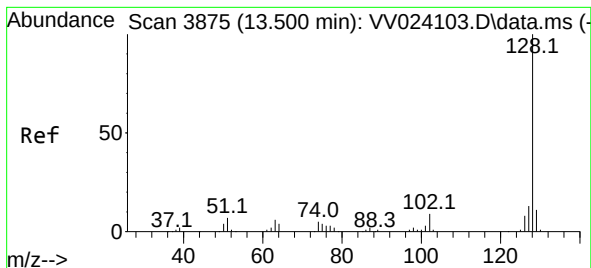
Ion Ratio Lower Upper

180 100

182 96.1 74.4 111.6

145 30.1 23.3 34.9





#71

Naphthalene

Concen: 18.321 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.003 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Instrument :

MSVOA_V

ClientSampleId :

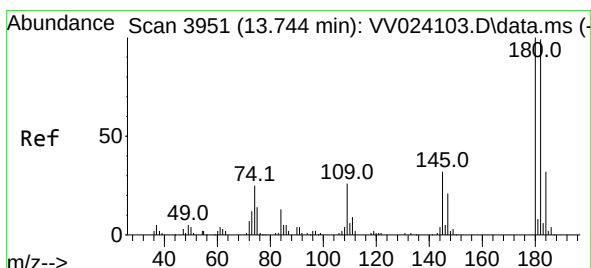
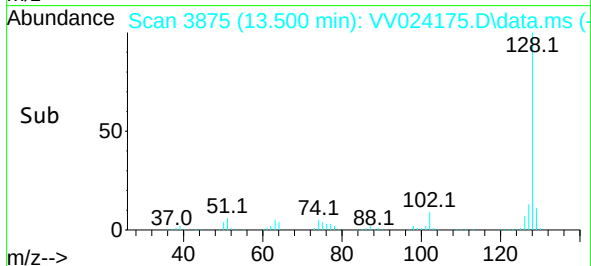
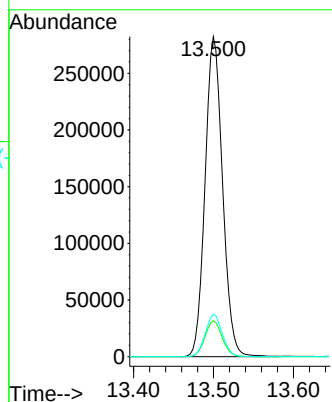
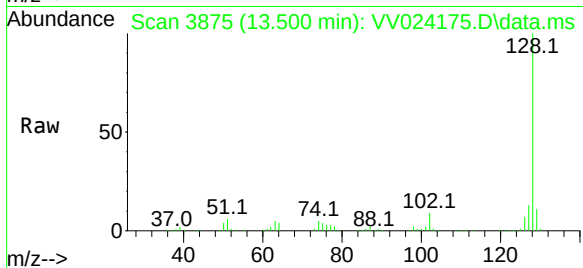
Tgt Ion:128 Resp: 430384

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 12.9 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 17.351 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.003 min

Lab File: VV024175.D

Acq: 27 Dec 2021 12:12

Tgt Ion:180 Resp: 248091

Ion Ratio Lower Upper

180 100

182 97.1 76.8 115.2

145 31.6 25.8 38.6

