

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024179.D
 Acq On : 27 Dec 2021 14:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 05:50:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	105422	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	108038	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40965	5.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.400%		
7) Chloroethane-d5	1.567	69	34760	5.256	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.111	63	97722	5.071	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.400%		
20) 2-Butanone-d5	3.911	46	19130	21.719	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 43.440%		
24) Chloroform-d	4.346	84	88113	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
26) 1,2-Dichloroethane-d4	5.034	65	40163	5.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.050	84	160162	5.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.800%		
36) 1,2-Dichloropropane-d6	6.069	67	42349	5.299	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.313	98	158364	5.507	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.200%		
43) trans-1,3-Dichloroprop...	7.622	79	18085	5.344	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.800%		
46) 2-Hexanone-d5	8.091	63	64689	56.853	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 113.700%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29671	5.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	60508	5.355	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	116017	4.761	ug/L	99
3) Chloromethane	1.240	50	88030	4.780	ug/L	96
5) Vinyl chloride	1.310	62	90904	4.823	ug/L	99
6) Bromomethane	1.522	94	60971	5.071	ug/L	99
8) Chloroethane	1.584	64	53129	4.849	ug/L	97
9) Trichlorofluoromethane	1.754	101	144405	4.714	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	69586	4.733	ug/L	98
12) 1,1-Dichloroethene	2.117	96	68843	4.756	ug/L	95
13) Acetone	2.207	43	47153	37.721	ug/L	73
14) Carbon disulfide	2.294	76	223392	4.776	ug/L	99
15) Methyl Acetate	2.442	43	16012	5.159	ug/L	95
16) Methylene chloride	2.506	84	76844	4.967	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	146511	5.006	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	74332	4.835	ug/L	97
19) 1,1-Dichloroethane	3.188	63	123583	4.829	ug/L	99
21) 2-Butanone	3.992	43	75585	45.956	ug/L	93
22) cis-1,2-Dichloroethene	3.911	96	76414	5.023	ug/L	96
23) Bromochloromethane	4.246	128	35644	4.903	ug/L	89
25) Chloroform	4.371	83	137763	4.818	ug/L	97

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 05:50:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

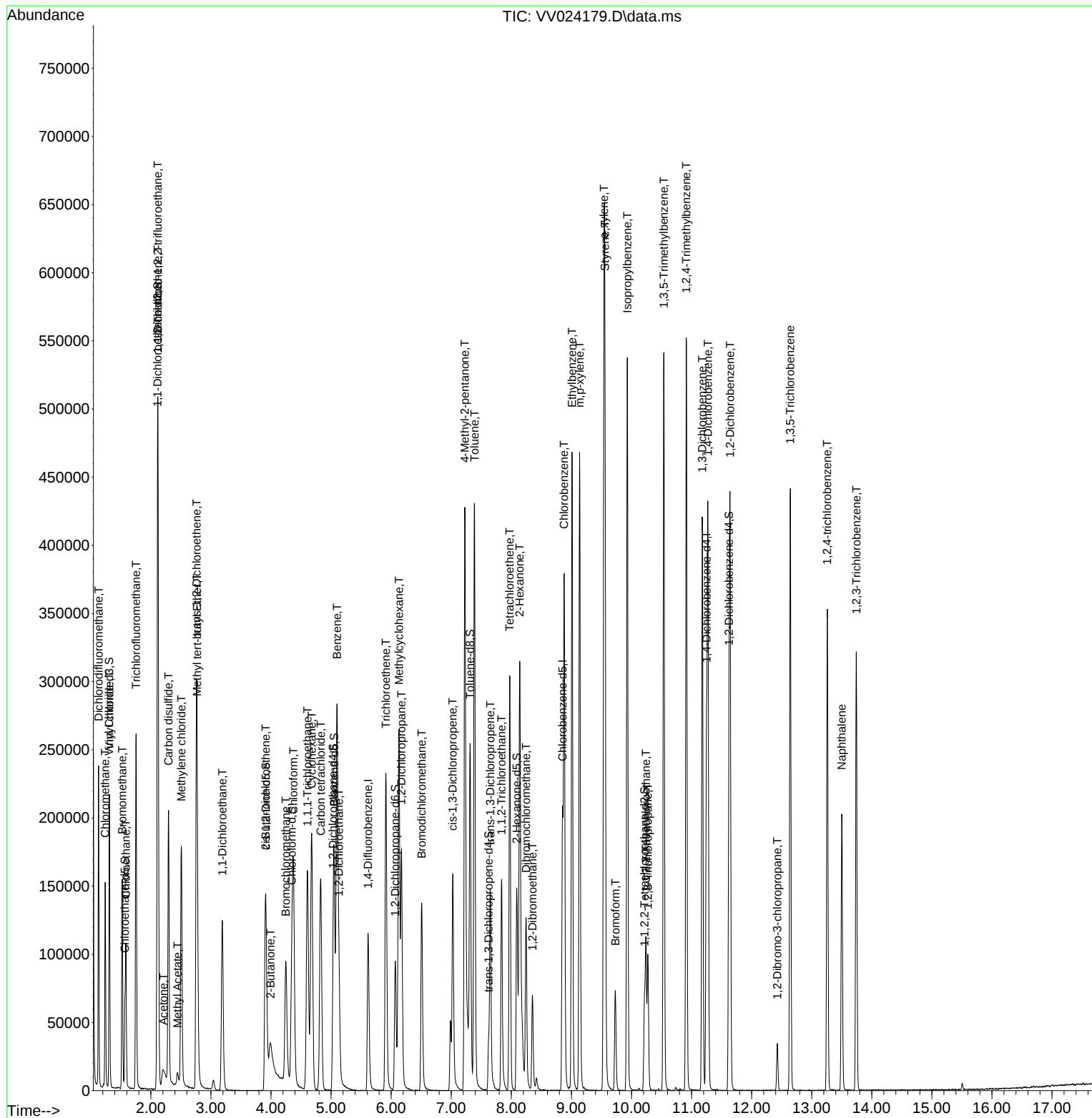
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	78954	4.933	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	131921	4.842	ug/L	99
30) Cyclohexane	4.677	56	98251	4.848	ug/L	95
31) Carbon tetrachloride	4.828	117	118040	4.671	ug/L	98
33) Benzene	5.098	78	279888	4.938	ug/L	100
34) Trichloroethene	5.911	95	76495	4.783	ug/L	98
35) Methylcyclohexane	6.130	83	111539	4.816	ug/L	97
37) 1,2-Dichloropropane	6.172	63	62973	4.819	ug/L	100
38) Bromodichloromethane	6.506	83	92285	4.928	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	94423	4.984	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	329007	52.672	ug/L	97
42) Toluene	7.387	91	319237	5.047	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	84522	5.224	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	48215	4.977	ug/L	99
47) Tetrachloroethene	7.972	164	66860	4.698	ug/L	96
48) 2-Hexanone	8.140	43	233103	50.990	ug/L	97
49) Dibromochloromethane	8.246	129	64509	4.950	ug/L	99
50) 1,2-Dibromoethane	8.352	107	46778	5.081	ug/L	91
51) Chlorobenzene	8.879	112	203198	4.849	ug/L	98
52) Ethylbenzene	9.011	91	324234	4.822	ug/L	100
53) m,p-xylene	9.136	106	129896	4.870	ug/L	99
54) o-xylene	9.541	106	127874	5.006	ug/L	99
55) Styrene	9.558	104	218451	5.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	47122	5.019	ug/L	98
59) Bromoform	9.731	173	35477	5.065	ug/L	96
60) Isopropylbenzene	9.931	105	335364	4.881	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38154	4.961	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	285508	4.928	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	294278	4.983	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	171165	4.807	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	170062	4.820	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	154477	4.793	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7882	4.752	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	135830	4.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	109367	5.009	ug/L	99
71) Naphthalene	13.499	128	162901	5.025	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	97101	5.057	ug/L	99

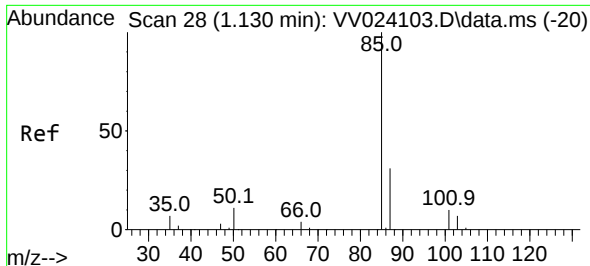
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 Data File : VV024179.D
 Acq On : 27 Dec 2021 14:33
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

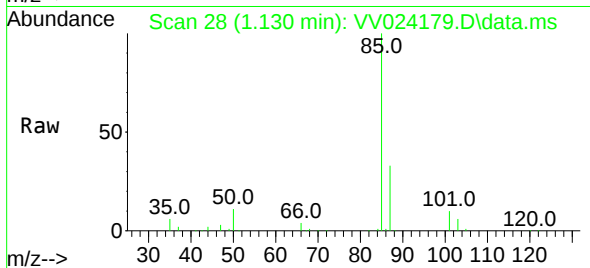
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
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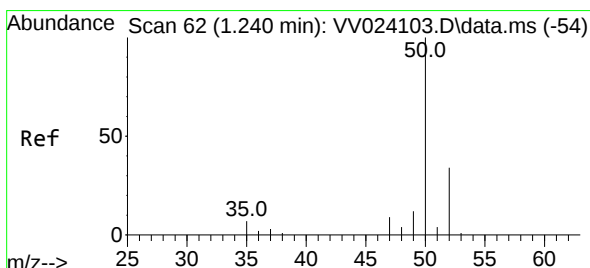
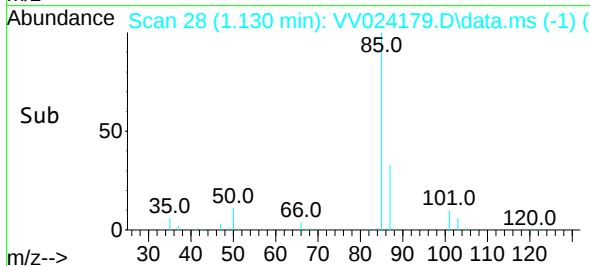
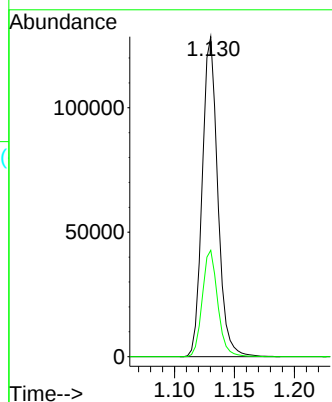


#2
 Dichlorodifluoromethane
 Concen: 4.761 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

Instrument :
 MSVOA_V
 ClientSampleId :

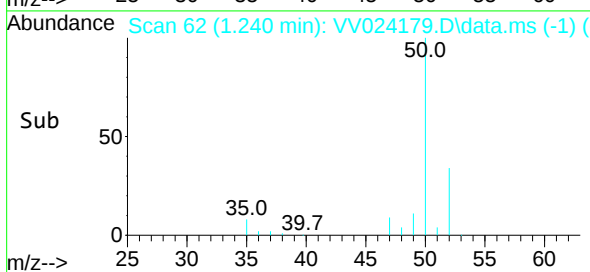
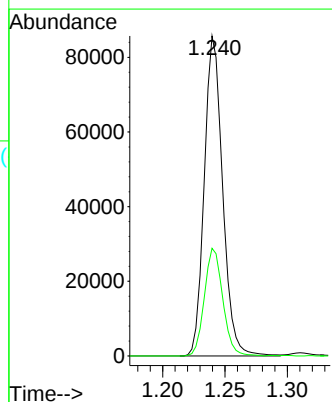
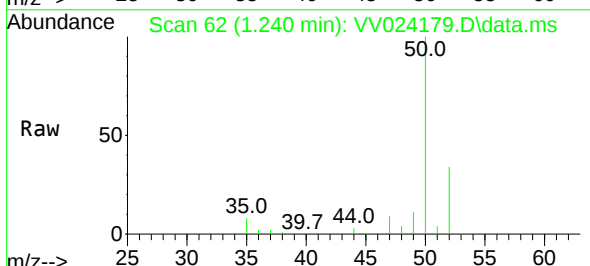


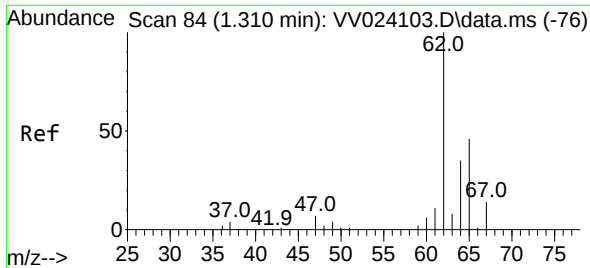
Tgt Ion: 85 Resp: 116017
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.780 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

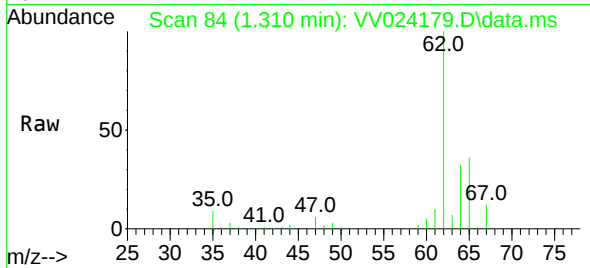
Tgt Ion: 50 Resp: 88030
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.0 41.0



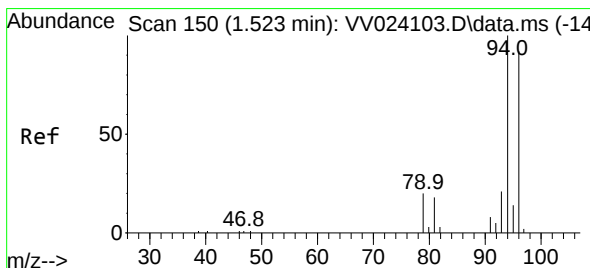
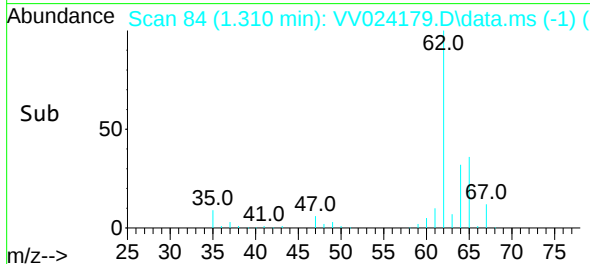
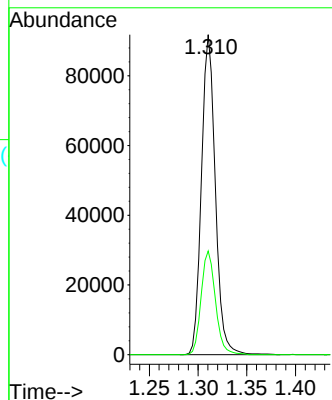


#5
 Vinyl chloride
 Concen: 4.823 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

Instrument :
 MSVOA_V
 ClientSampleId :

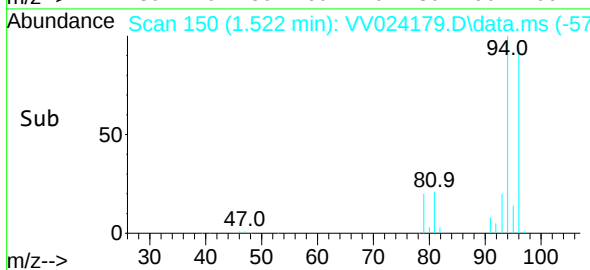
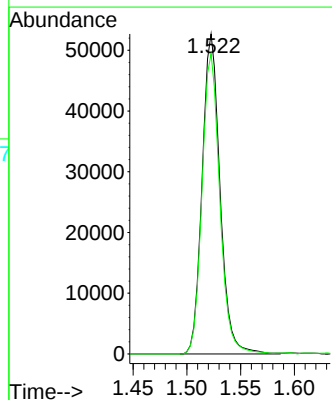
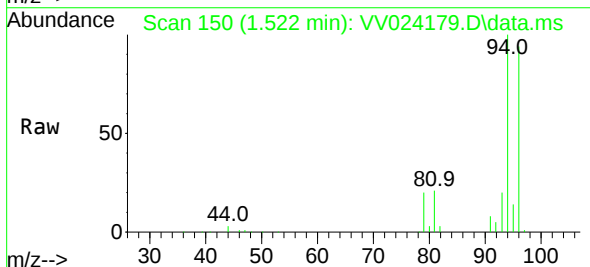


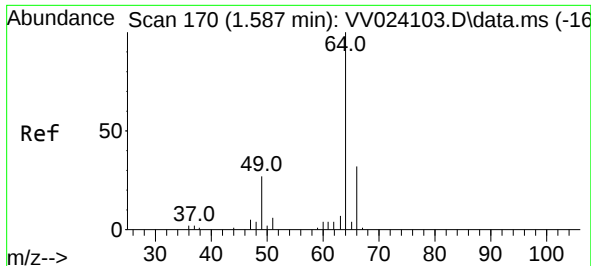
Tgt Ion: 62 Resp: 90904
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.4 41.6



#6
 Bromomethane
 Concen: 5.071 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

Tgt Ion: 94 Resp: 60971
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.2 123.0

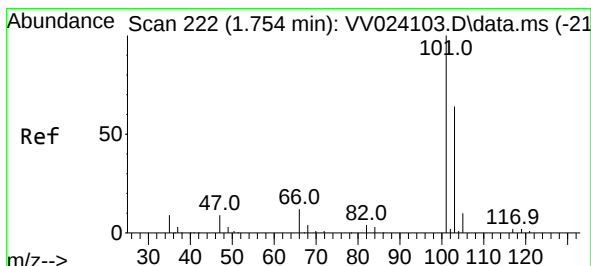
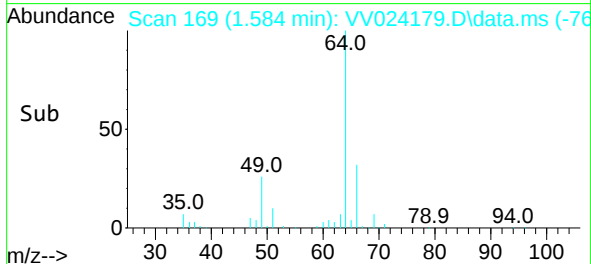
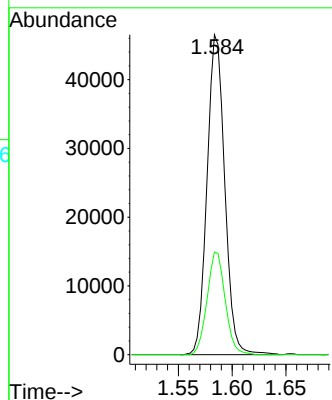
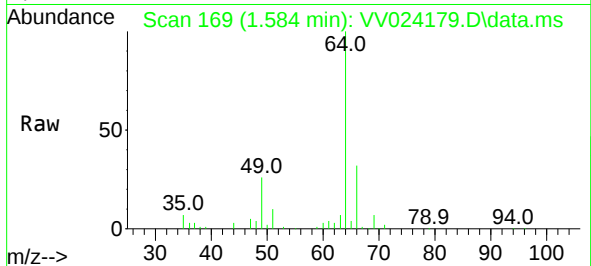




#8
Chloroethane
Concen: 4.849 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

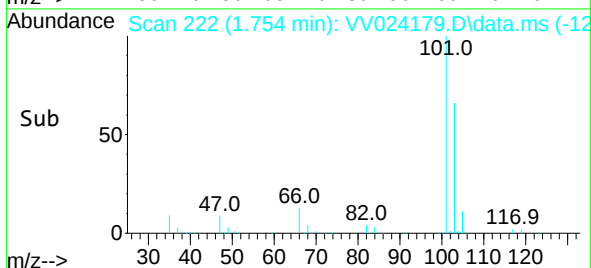
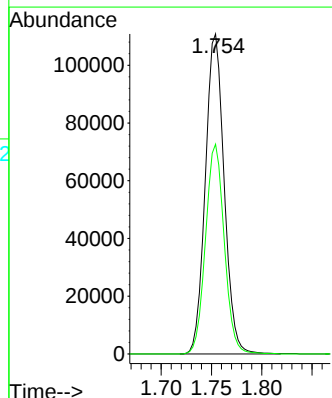
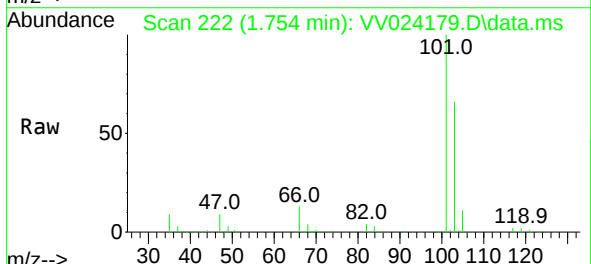
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MSVOA_V
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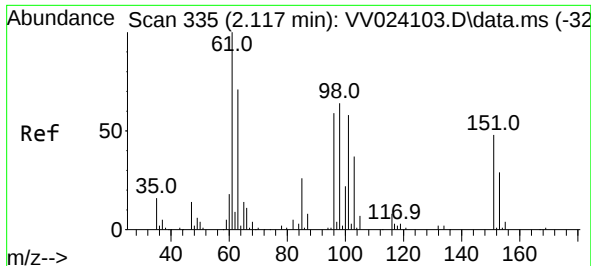
Tgt Ion: 64 Resp: 53129
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.714 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Tgt Ion:101 Resp: 144405
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.733 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

ClientSampleId :

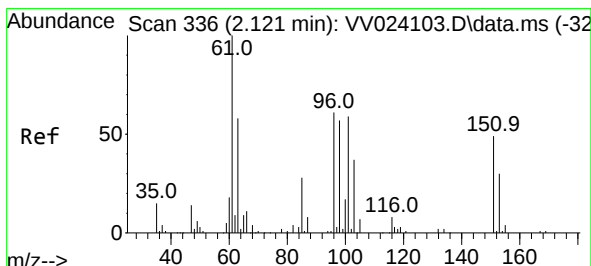
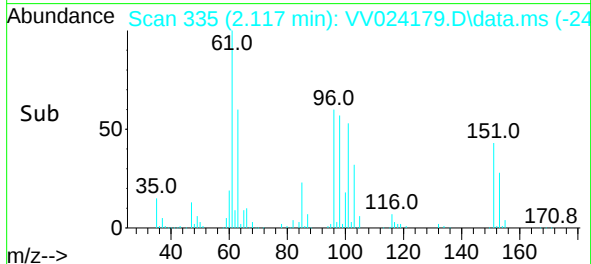
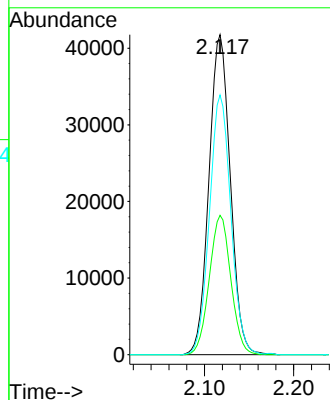
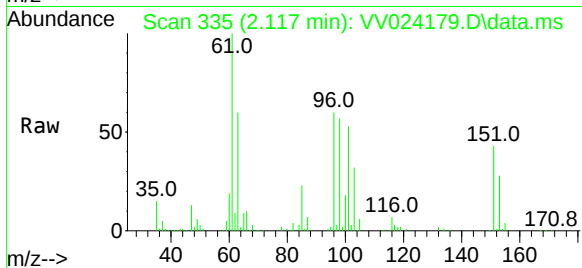
Tgt Ion:101 Resp: 69586

Ion Ratio Lower Upper

101 100

85 43.8 36.0 54.0

151 81.4 66.4 99.6



#12

1,1-Dichloroethene

Concen: 4.756 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

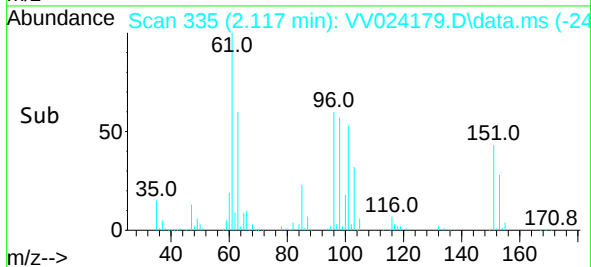
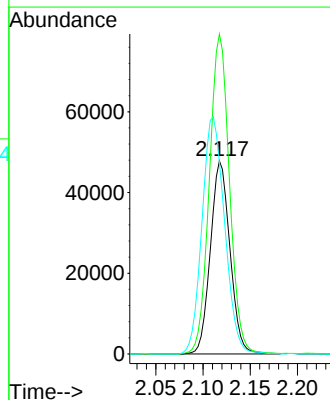
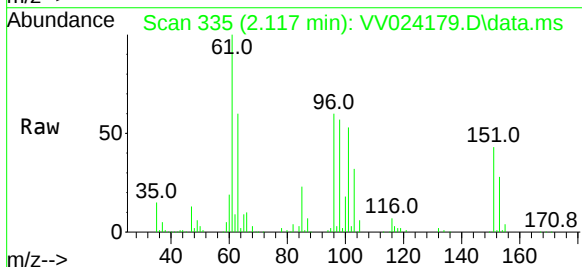
Tgt Ion: 96 Resp: 68843

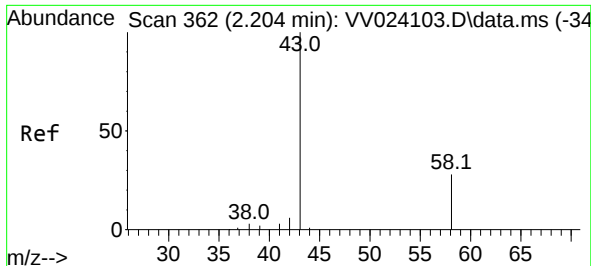
Ion Ratio Lower Upper

96 100

61 165.7 116.1 215.5

63 99.4 79.4 147.4





#13

Acetone

Concen: 37.721 ug/L

RT: 2.207 min Scan# 30

Delta R.T. -0.003 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

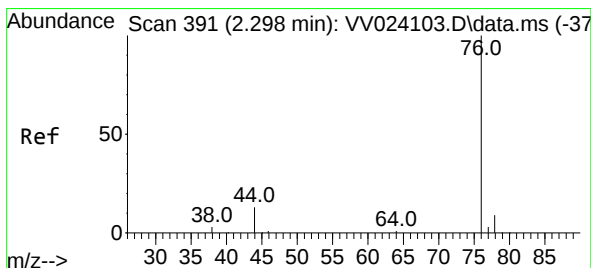
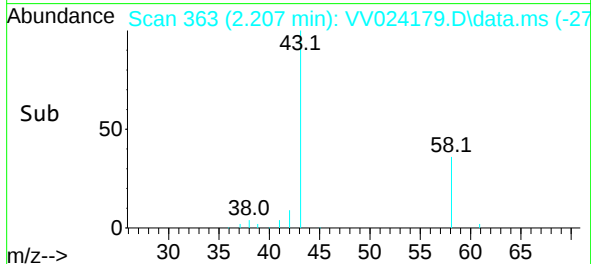
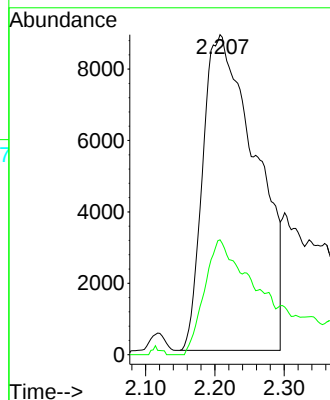
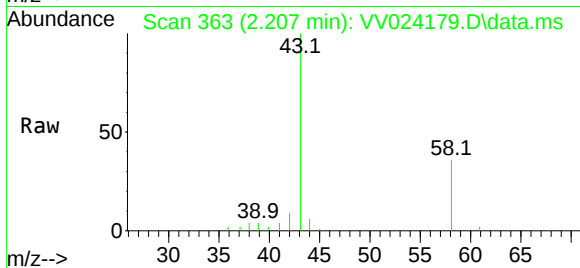
ClientSampleId :

Tgt Ion: 43 Resp: 47153

Ion Ratio Lower Upper

43 100

58 33.2 0.0 41.4



#14

Carbon disulfide

Concen: 4.776 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024179.D

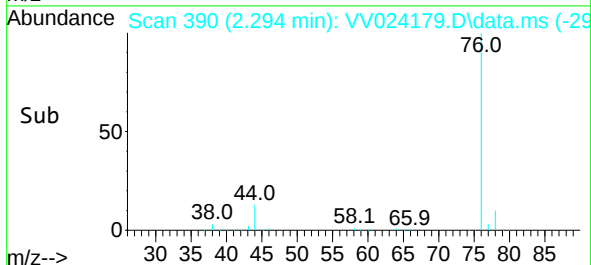
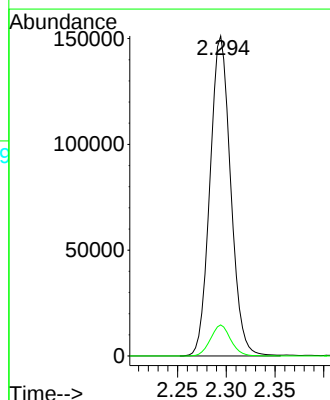
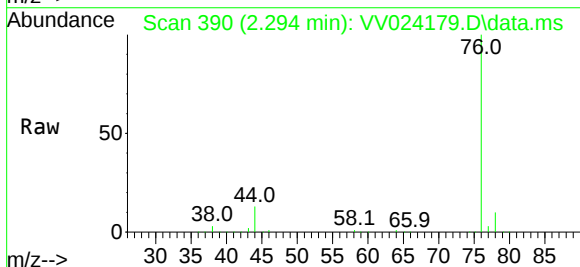
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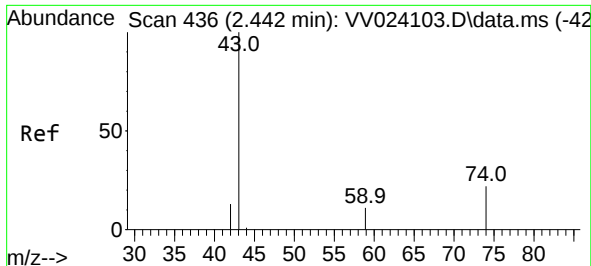
Tgt Ion: 76 Resp: 223392

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

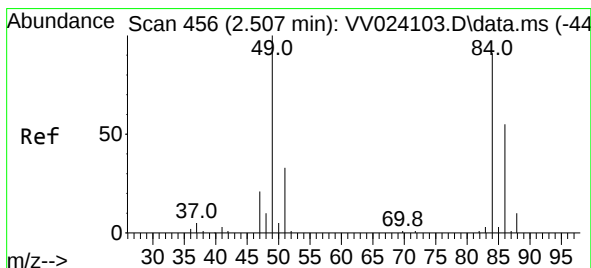
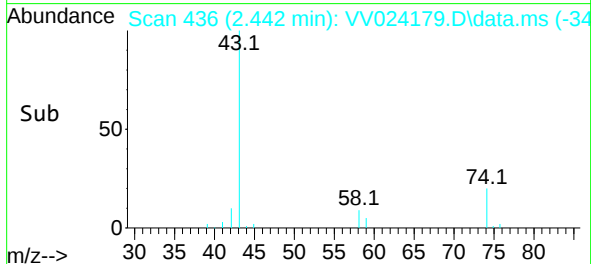
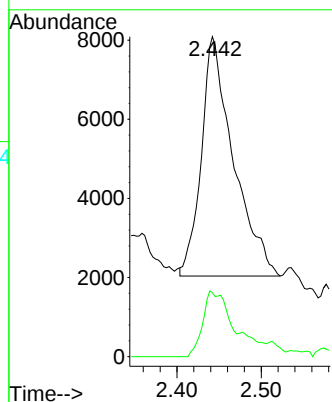
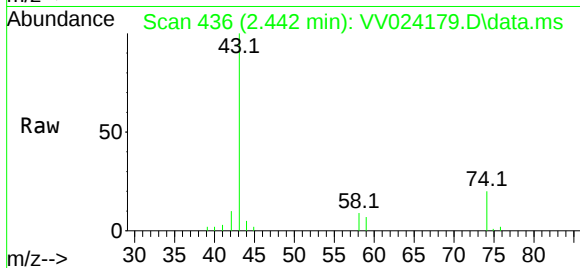




#15
Methyl Acetate
Concen: 5.159 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

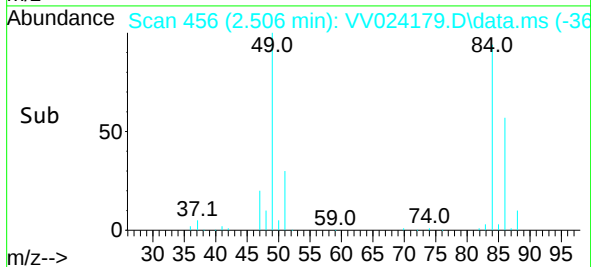
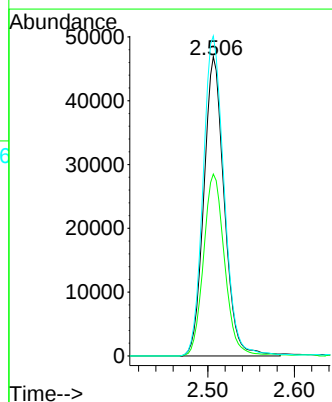
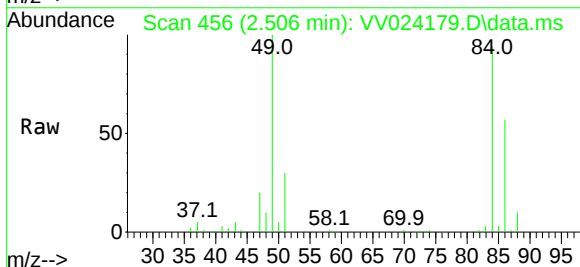
Instrument :
MSVOA_V
ClientSampleId :

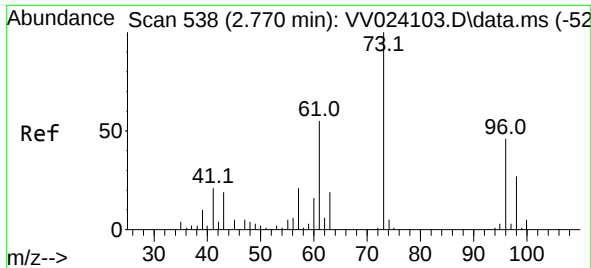
Tgt Ion: 43 Resp: 16012
Ion Ratio Lower Upper
43 100
74 27.6 20.2 30.2



#16
Methylene chloride
Concen: 4.967 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

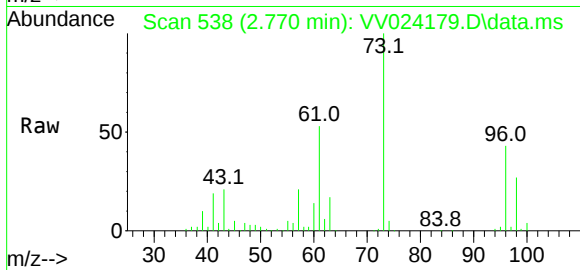
Tgt Ion: 84 Resp: 76844
Ion Ratio Lower Upper
84 100
86 60.8 42.6 79.0
49 106.9 79.7 147.9



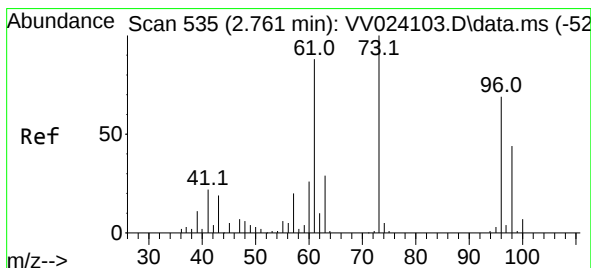
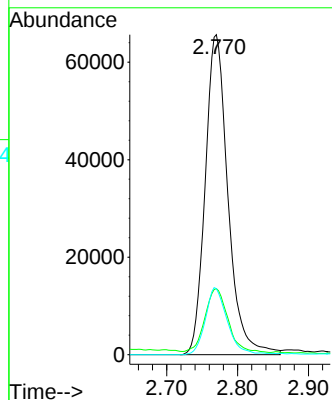
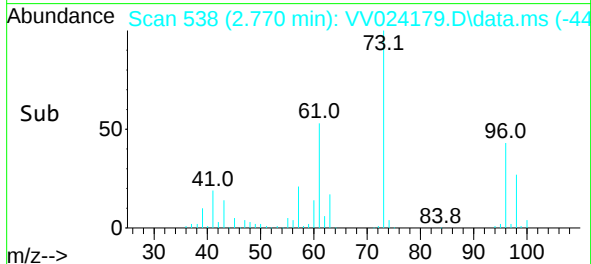


#17
Methyl tert-butyl Ether
Concen: 5.006 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

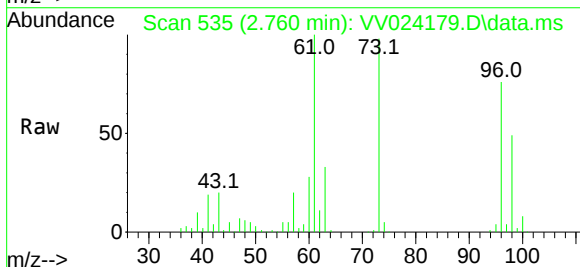
Instrument :
MSVOA_V
ClientSampleId :



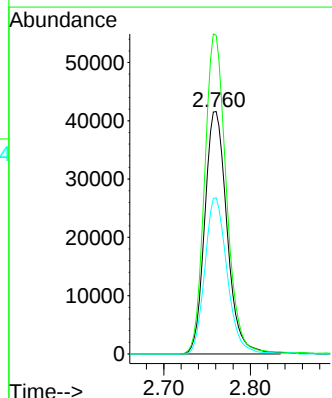
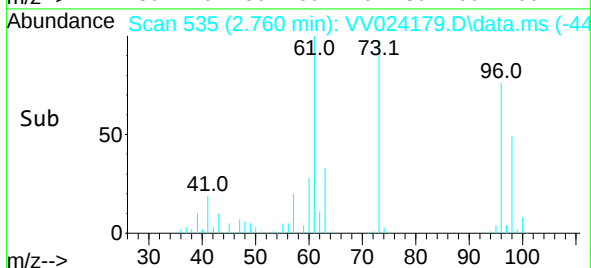
Tgt Ion: 73 Resp: 146511
Ion Ratio Lower Upper
73 100
43 20.1 15.5 23.3
57 19.9 17.1 25.7

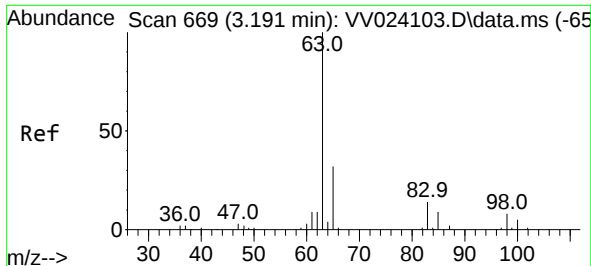


#18
trans-1,2-Dichloroethene
Concen: 4.835 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33



Tgt Ion: 96 Resp: 74332
Ion Ratio Lower Upper
96 100
61 131.5 88.2 163.8
98 64.4 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.829 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

ClientSampleId :

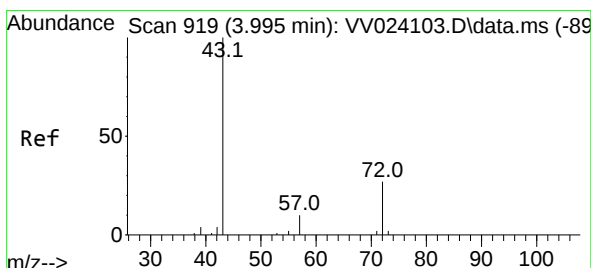
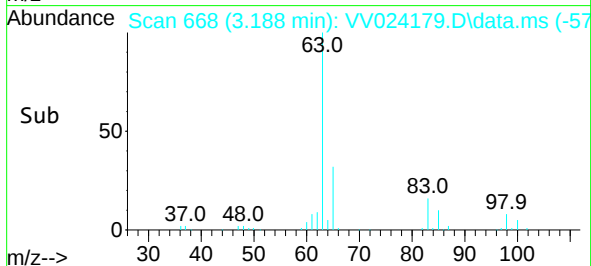
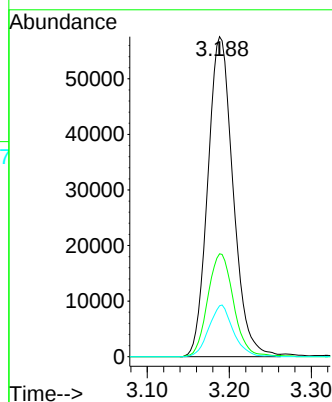
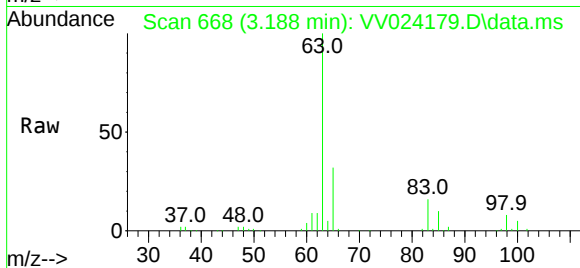
Tgt Ion: 63 Resp: 123583

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 15.9 10.7 19.9



#21

2-Butanone

Concen: 45.956 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.003 min

Lab File: VV024179.D

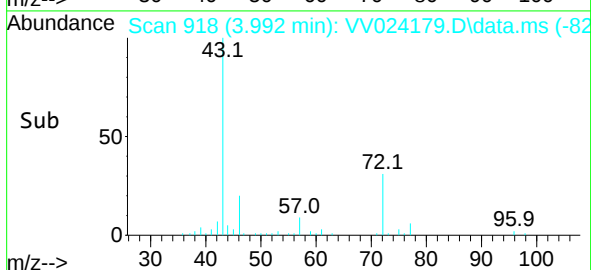
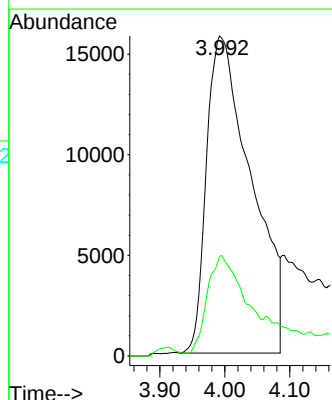
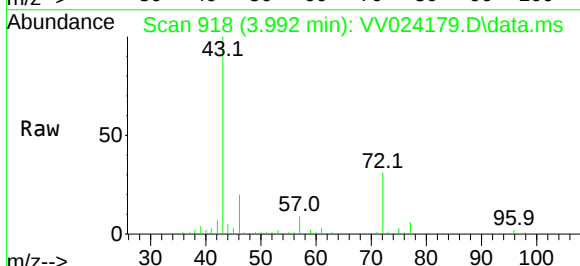
Acq: 27 Dec 2021 14:33

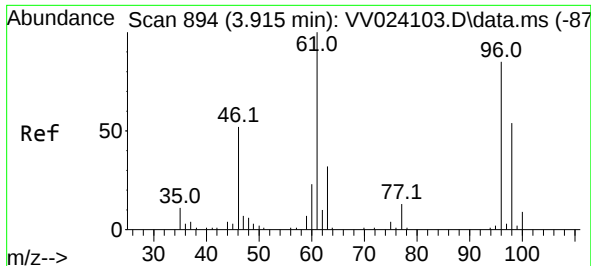
Tgt Ion: 43 Resp: 75585

Ion Ratio Lower Upper

43 100

72 25.2 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 5.023 ug/L

RT: 3.911 min Scan# 894

Delta R.T. -0.000 min

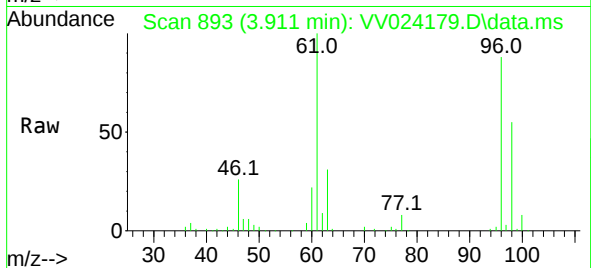
Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

ClientSampleId :



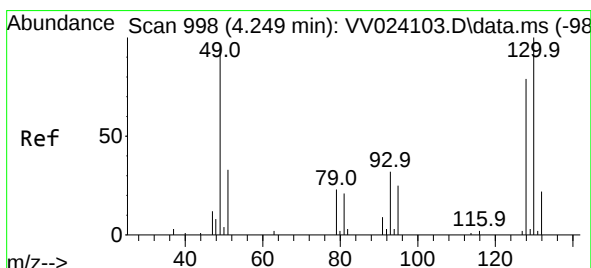
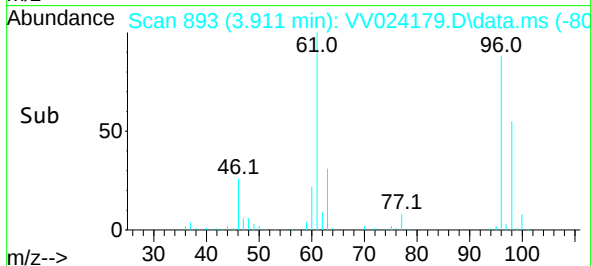
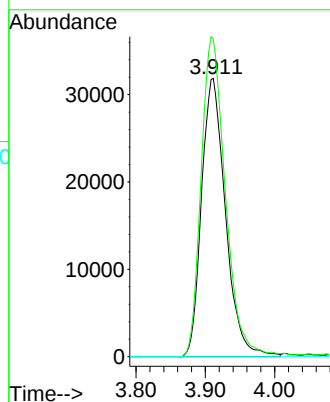
Tgt Ion: 96 Resp: 76414

Ion Ratio Lower Upper

96 100

61 114.2 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.903 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.003 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Tgt Ion: 128 Resp: 35644

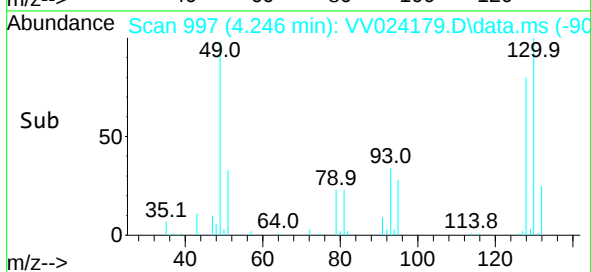
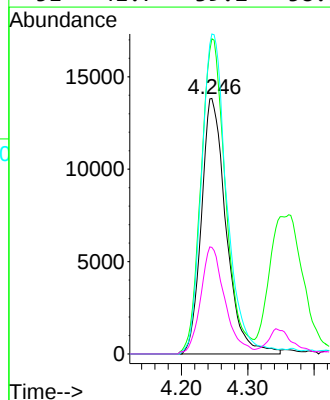
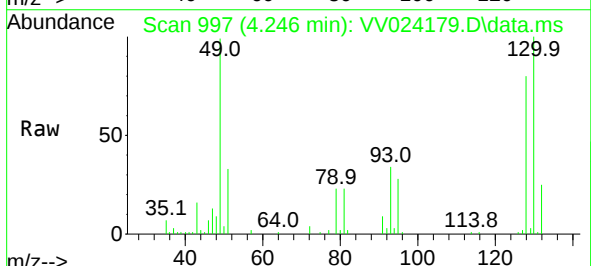
Ion Ratio Lower Upper

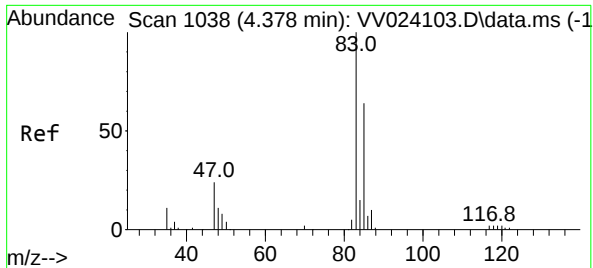
128 100

49 123.4 100.2 186.2

130 125.2 92.5 171.7

51 41.7 39.2 58.8





#25

Chloroform

Concen: 4.818 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

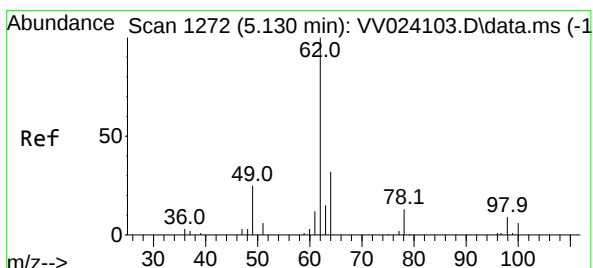
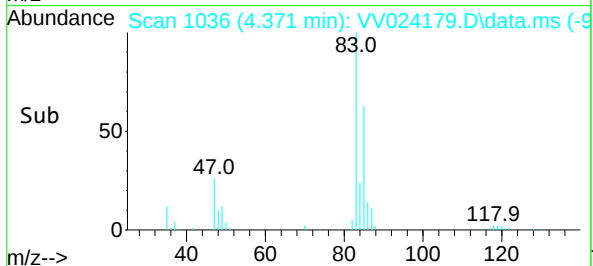
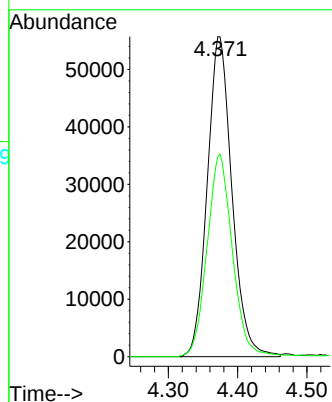
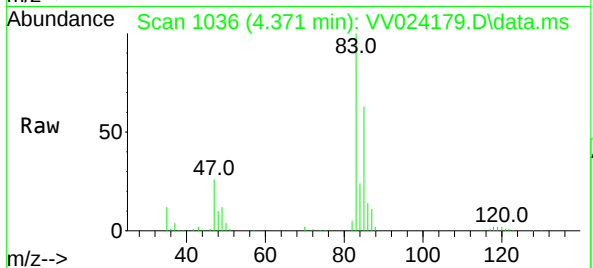
ClientSampleId :

Tgt Ion: 83 Resp: 137763

Ion Ratio Lower Upper

83 100

85 62.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.933 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV024179.D

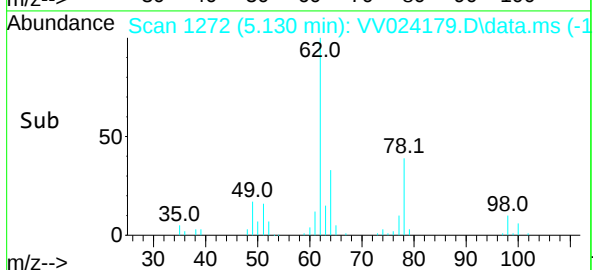
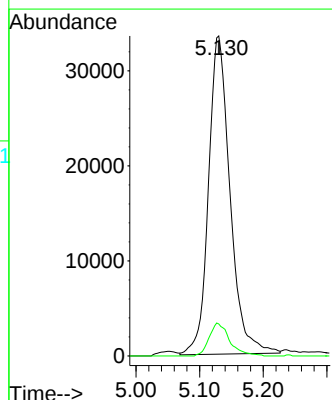
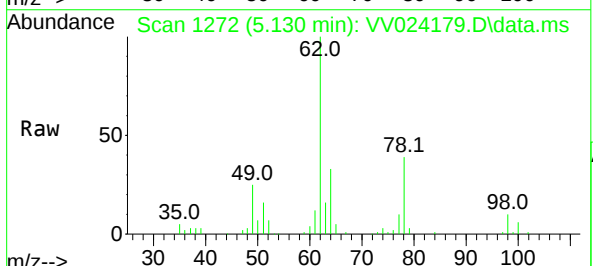
Acq: 27 Dec 2021 14:33

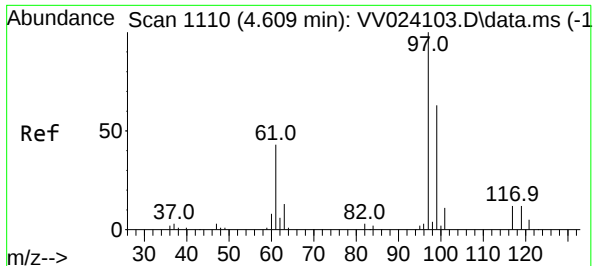
Tgt Ion: 62 Resp: 78954

Ion Ratio Lower Upper

62 100

98 10.0 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.842 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

ClientSampleId :

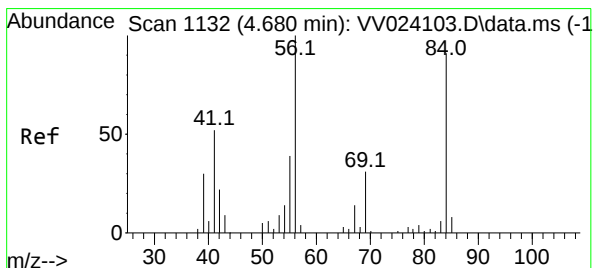
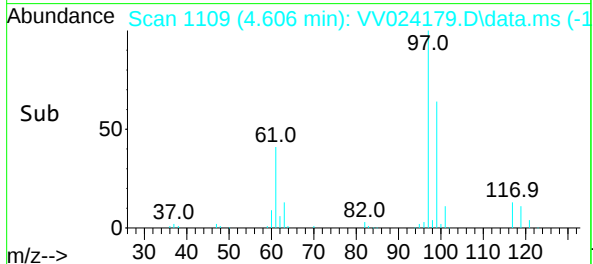
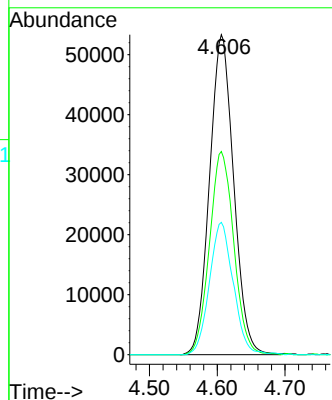
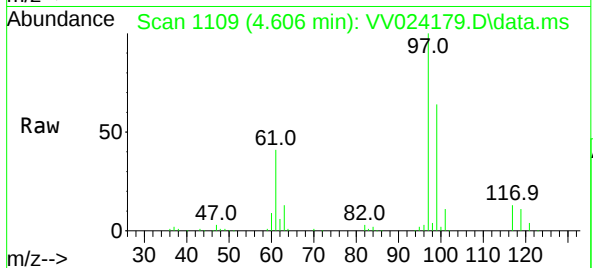
Tgt Ion: 97 Resp: 131921

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 40.8 33.2 49.8



#30

Cyclohexane

Concen: 4.848 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

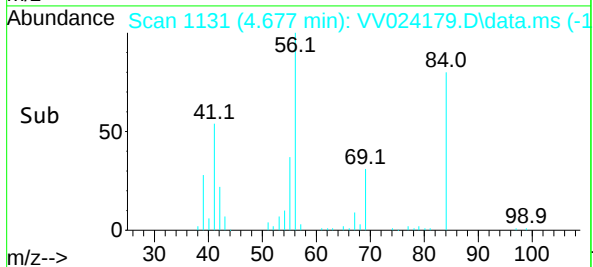
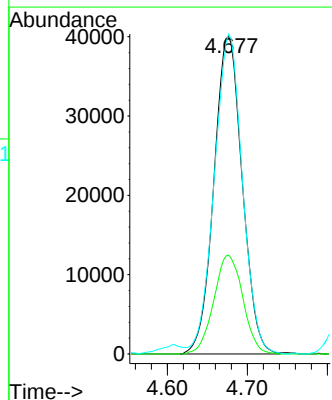
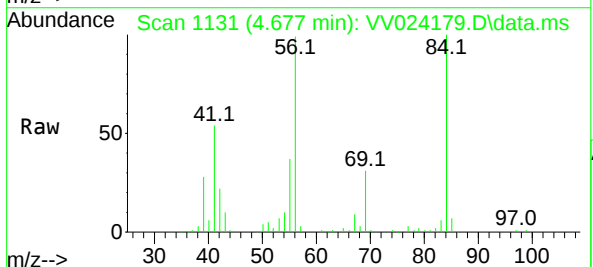
Tgt Ion: 56 Resp: 98251

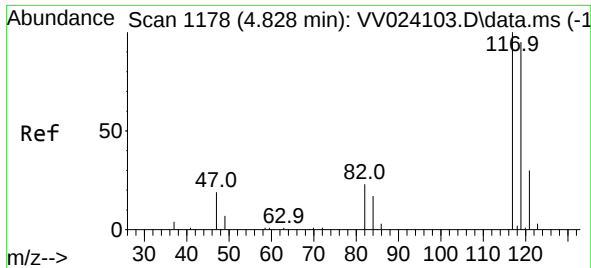
Ion Ratio Lower Upper

56 100

69 31.9 24.8 37.2

84 100.4 75.9 113.9

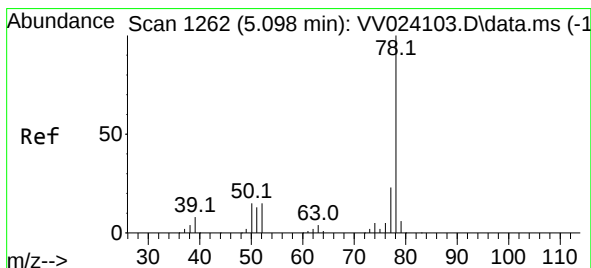
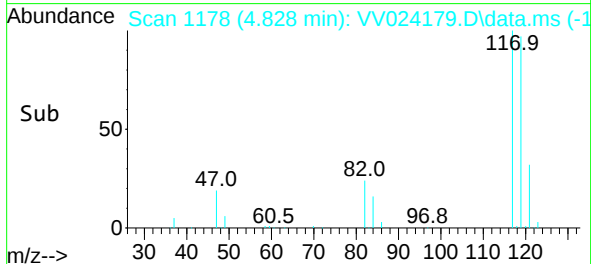
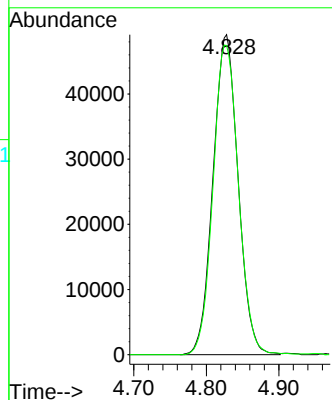
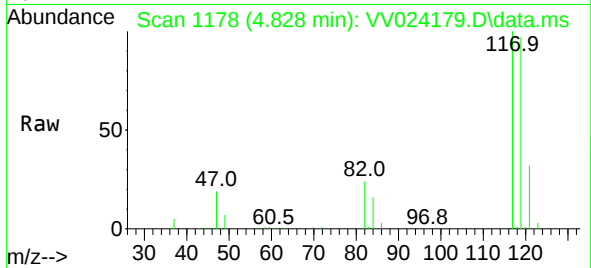




#31
Carbon tetrachloride
Concen: 4.671 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

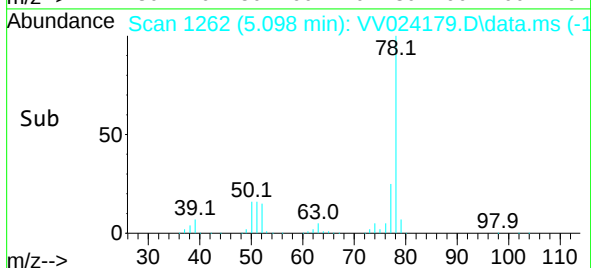
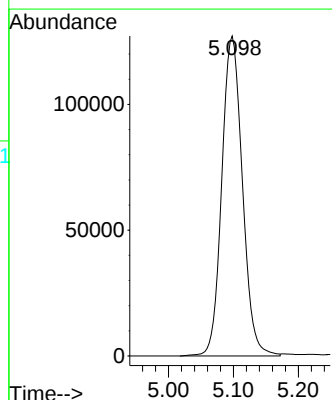
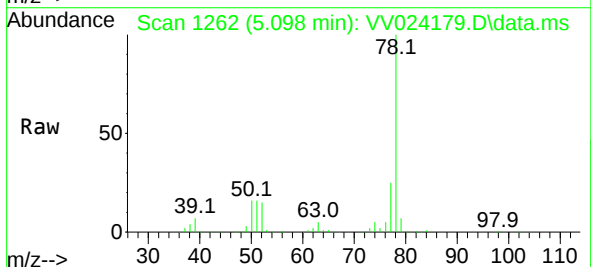
Instrument :
MSVOA_V
ClientSampleId :

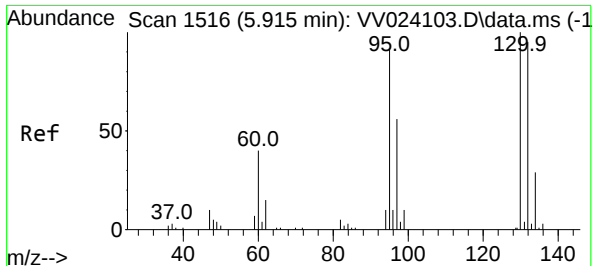
Tgt Ion:117 Resp: 118040
Ion Ratio Lower Upper
117 100
119 98.0 76.6 114.8



#33
Benzene
Concen: 4.938 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Tgt Ion: 78 Resp: 279888





#34

Trichloroethene

Concen: 4.783 ug/L

RT: 5.911 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 76495

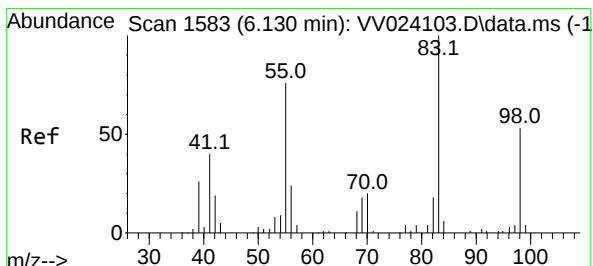
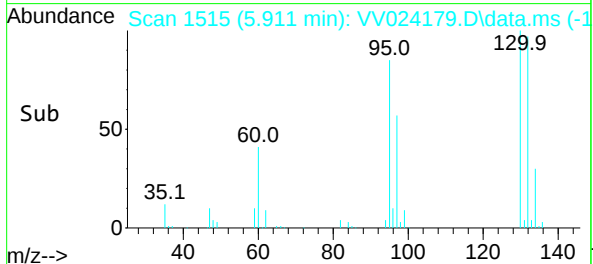
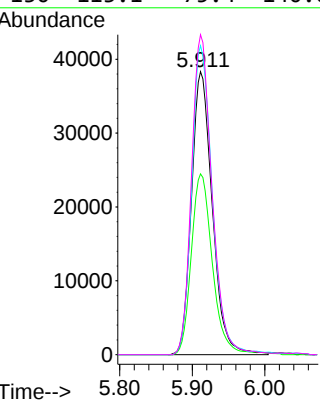
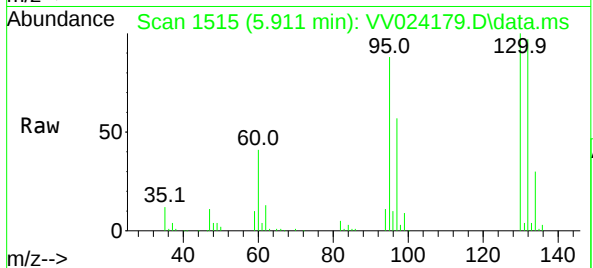
Ion Ratio Lower Upper

95 100

97 63.9 45.2 84.0

132 109.2 76.1 141.3

130 113.1 75.4 140.0



#35

Methylcyclohexane

Concen: 4.816 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

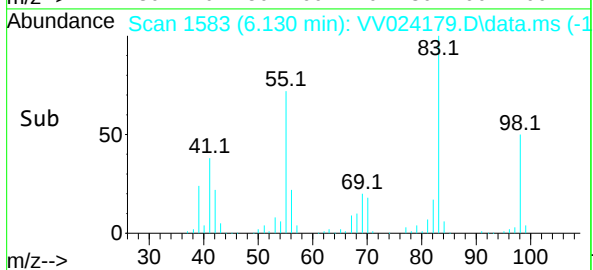
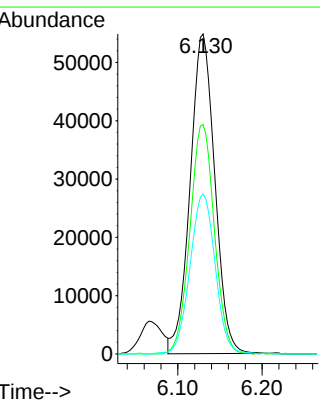
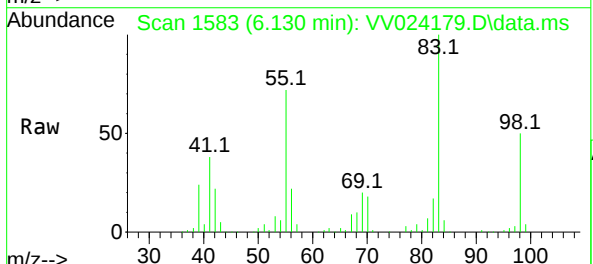
Tgt Ion: 83 Resp: 111539

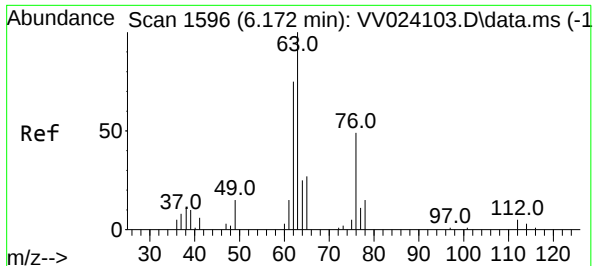
Ion Ratio Lower Upper

83 100

55 71.2 60.2 90.2

98 51.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.819 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

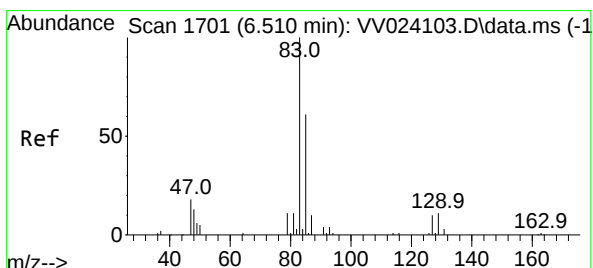
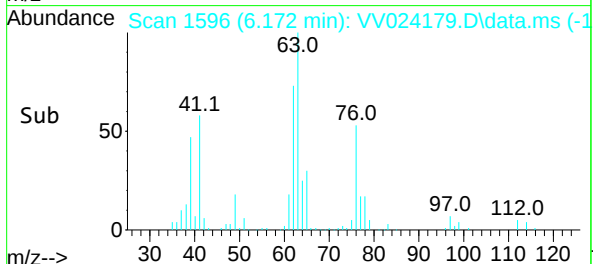
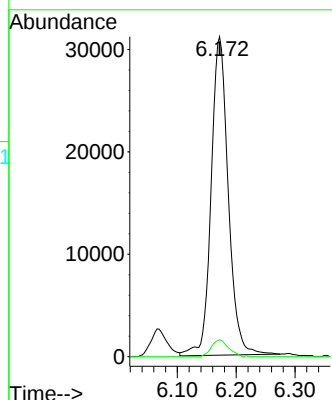
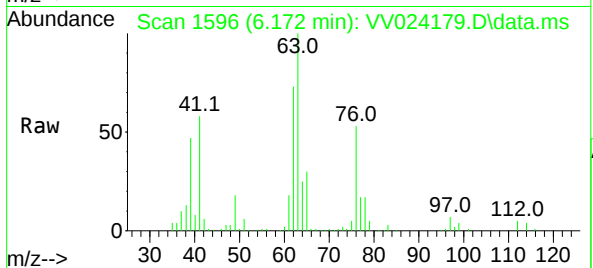
ClientSampleId :

Tgt Ion: 63 Resp: 62973

Ion Ratio Lower Upper

63 100

112 5.3 4.3 6.5



#38

Bromodichloromethane

Concen: 4.928 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

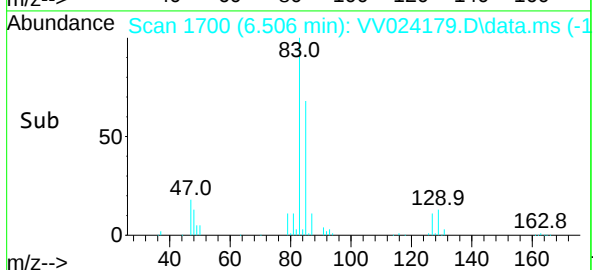
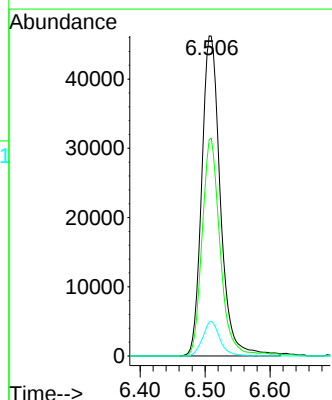
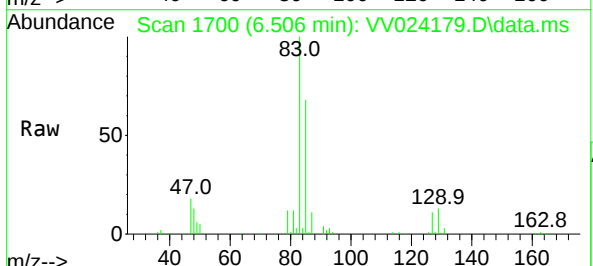
Tgt Ion: 83 Resp: 92285

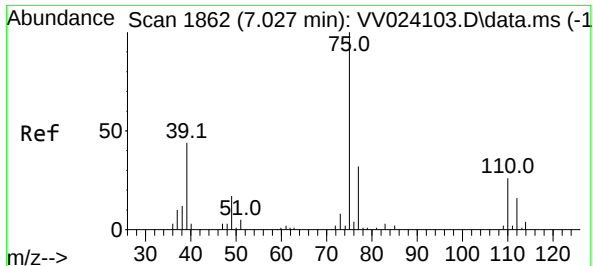
Ion Ratio Lower Upper

83 100

85 67.6 44.0 81.8

127 10.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.984 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

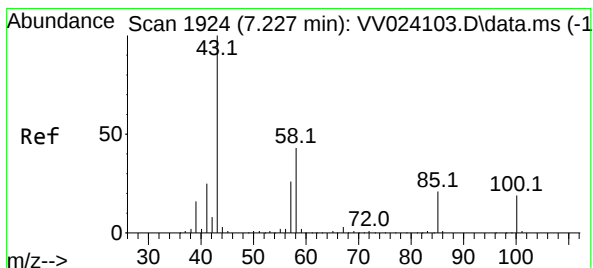
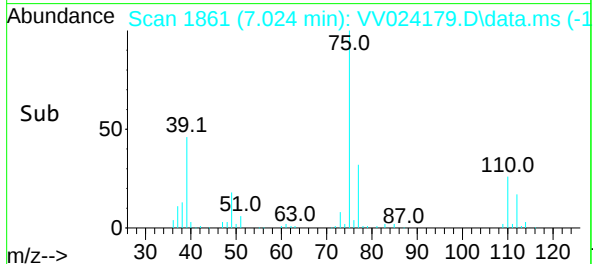
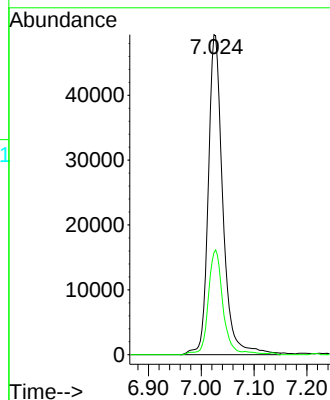
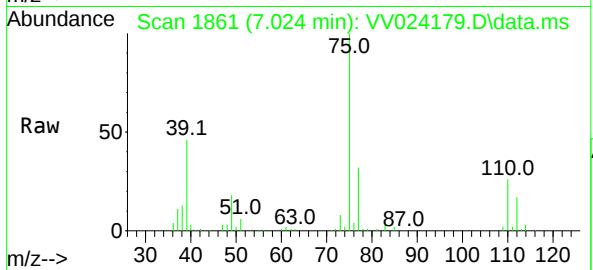
ClientSampleId :

Tgt Ion: 75 Resp: 94423

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.672 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

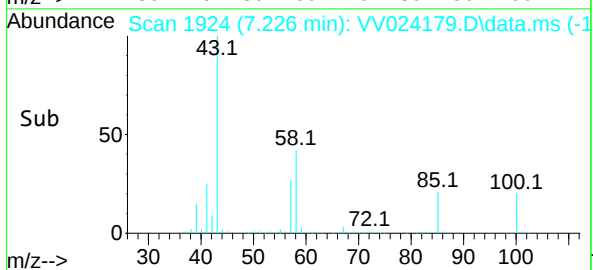
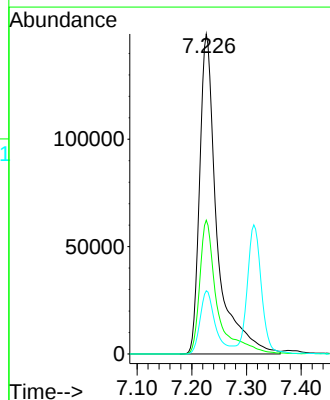
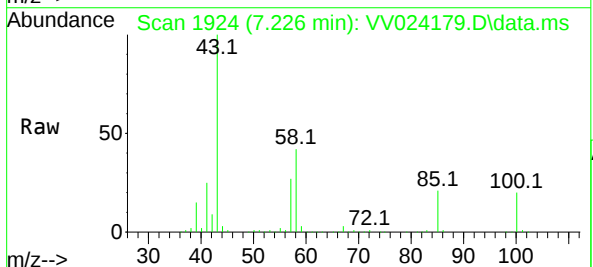
Tgt Ion: 43 Resp: 329007

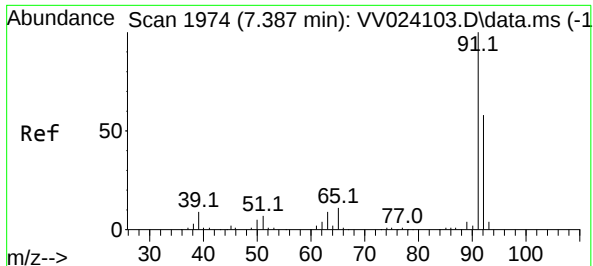
Ion Ratio Lower Upper

43 100

58 42.1 32.3 48.5

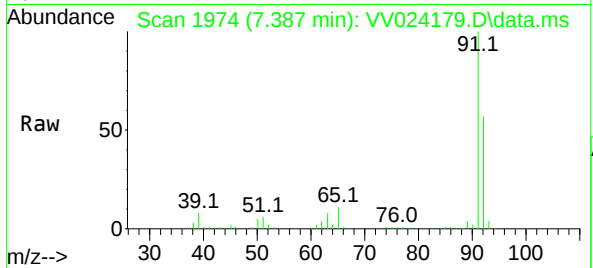
100 17.2 13.0 19.6



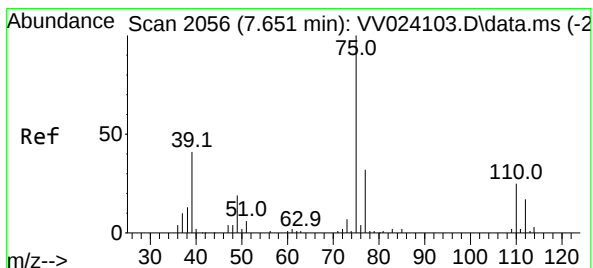
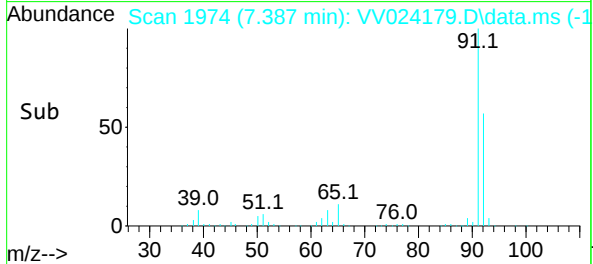
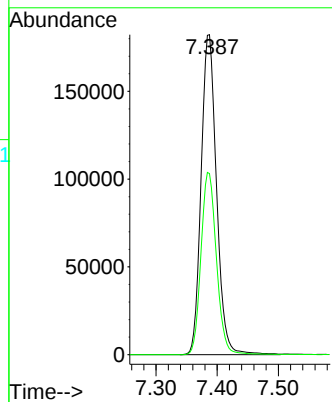


#42
Toluene
Concen: 5.047 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Instrument :
MSVOA_V
ClientSampleId :

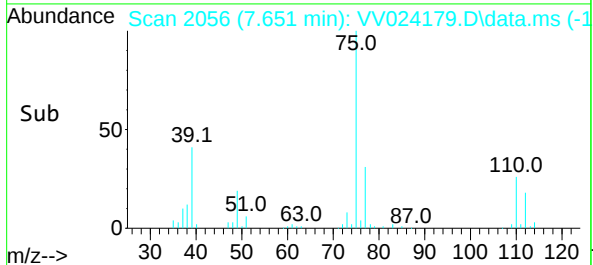
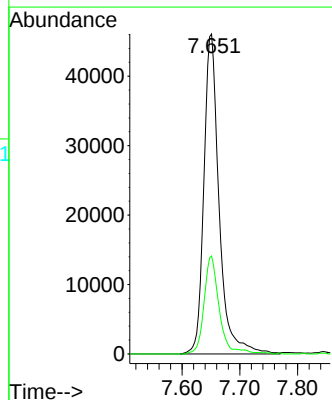
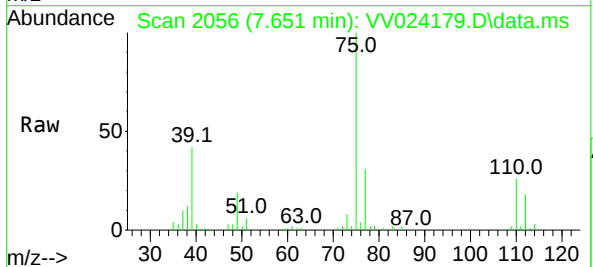


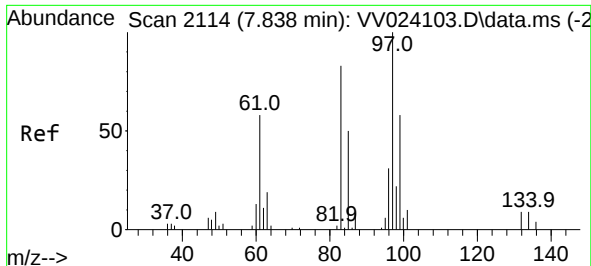
Tgt Ion: 91 Resp: 319237
Ion Ratio Lower Upper
91 100
92 56.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 5.224 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Tgt Ion: 75 Resp: 84522
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.977 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

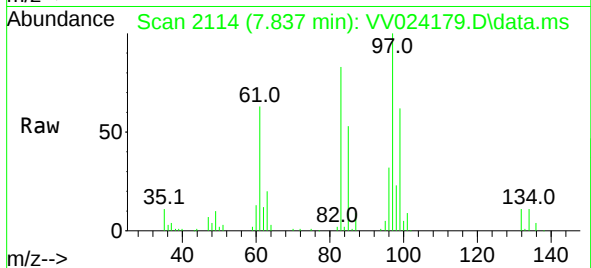
Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 48215

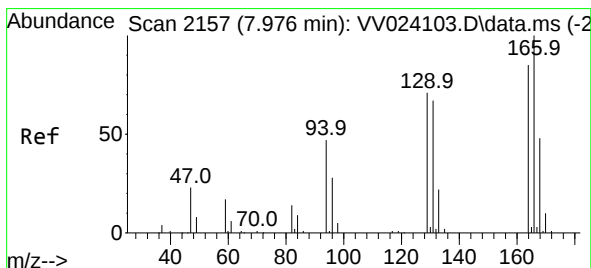
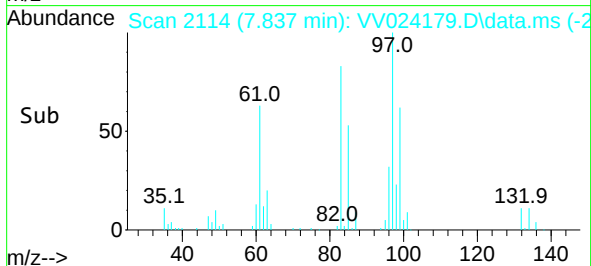
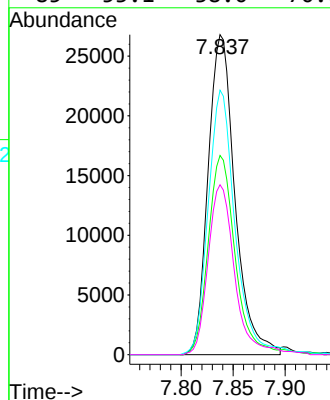
Ion Ratio Lower Upper

97 100

99 62.3 43.1 80.1

83 82.7 57.9 107.5

85 53.1 38.0 70.6



#47

Tetrachloroethene

Concen: 4.698 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Tgt Ion:164 Resp: 66860

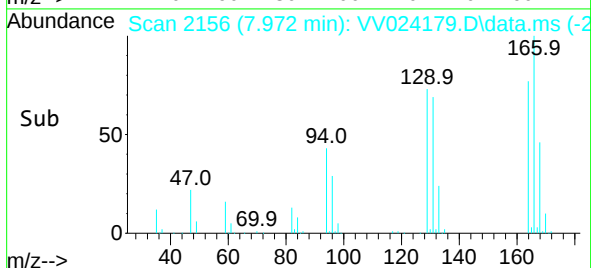
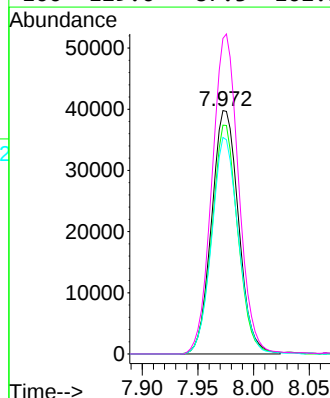
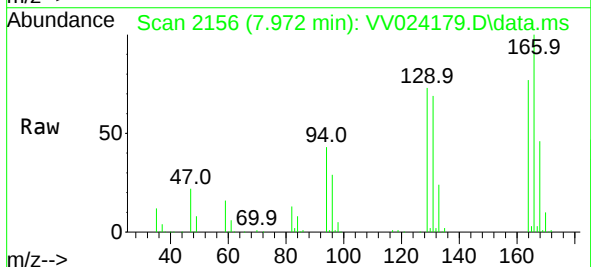
Ion Ratio Lower Upper

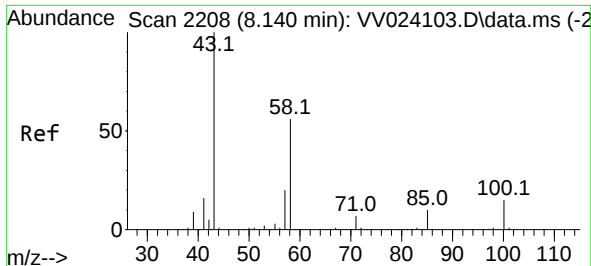
164 100

129 94.0 62.6 116.2

131 88.9 61.0 113.4

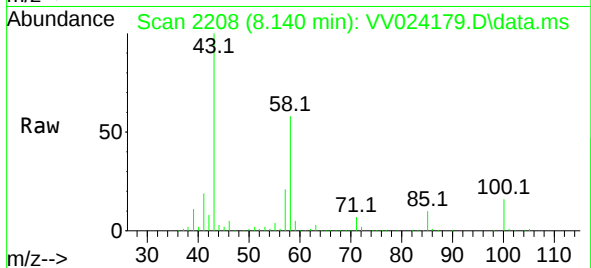
166 129.6 87.3 162.1



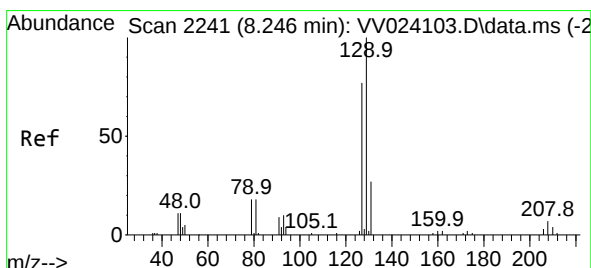
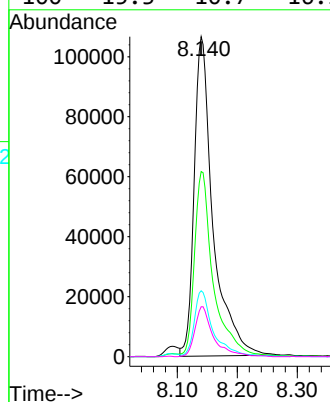
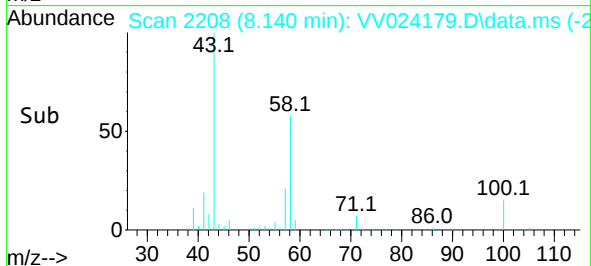


#48
2-Hexanone
Concen: 50.990 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Instrument :
MSVOA_V
ClientSampleId :

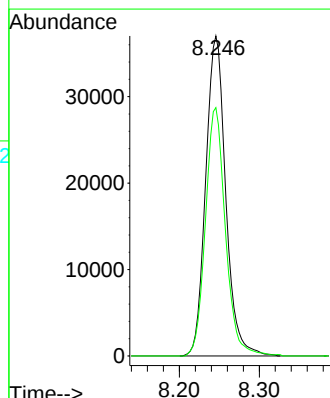
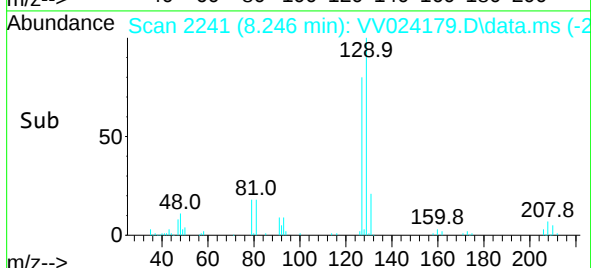
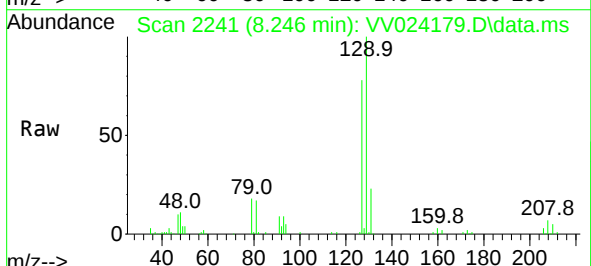


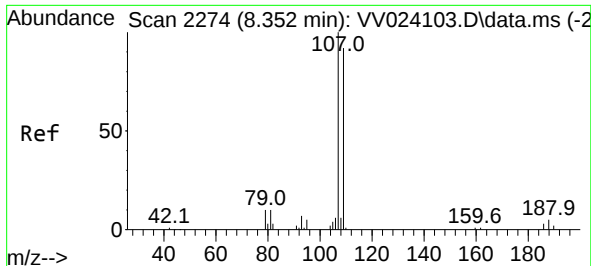
Tgt Ion: 43 Resp: 233103
Ion Ratio Lower Upper
43 100
58 57.4 44.5 66.7
57 20.1 15.1 22.7
100 15.3 10.7 16.1



#49
Dibromochloromethane
Concen: 4.950 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Tgt Ion: 129 Resp: 64509
Ion Ratio Lower Upper
129 100
127 77.6 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.081 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024179.D

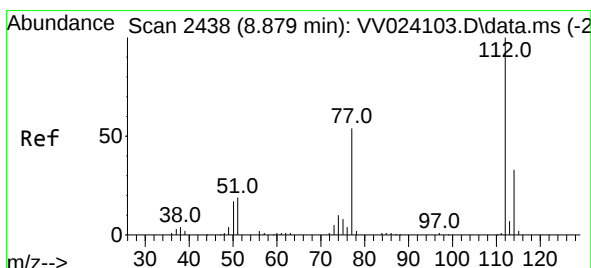
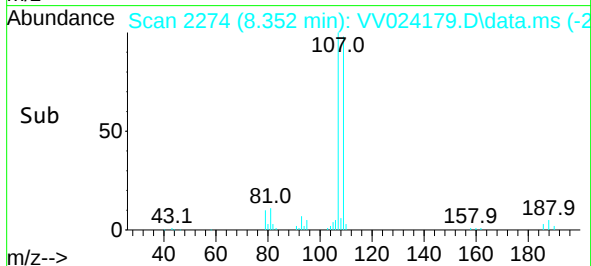
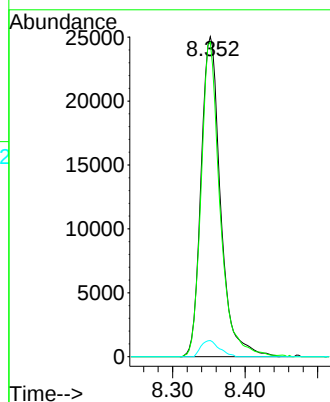
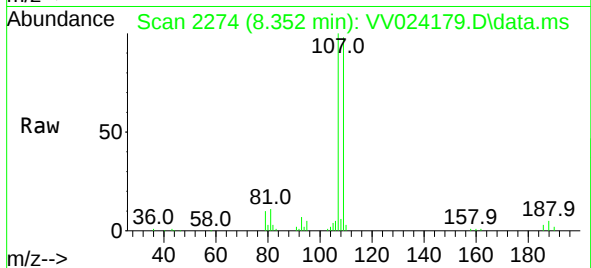
Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	46778
Ion Ratio	Lower	Upper
107	100	
109	98.2	62.5 116.1
188	5.0	3.4 5.2



#51

Chlorobenzene

Concen: 4.849 ug/L

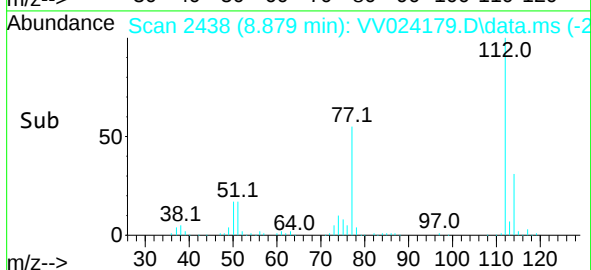
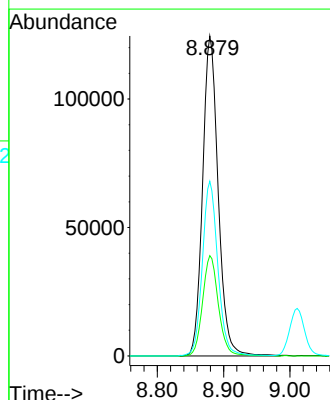
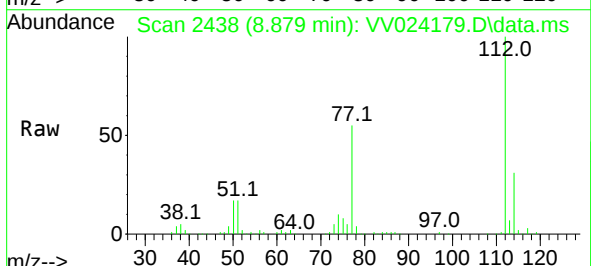
RT: 8.879 min Scan# 2438

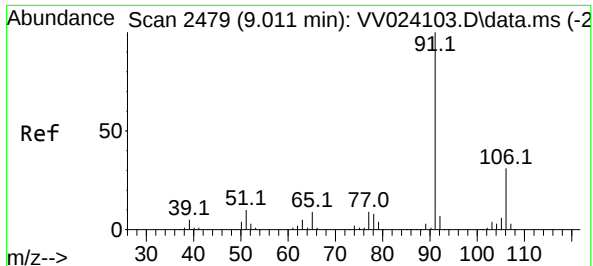
Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Tgt Ion:112	Resp:	203198
Ion Ratio	Lower	Upper
112	100	
114	31.4	23.3 43.3
77	54.6	43.3 64.9





#52

Ethylbenzene

Concen: 4.822 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

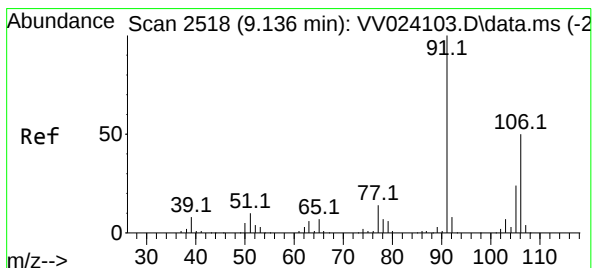
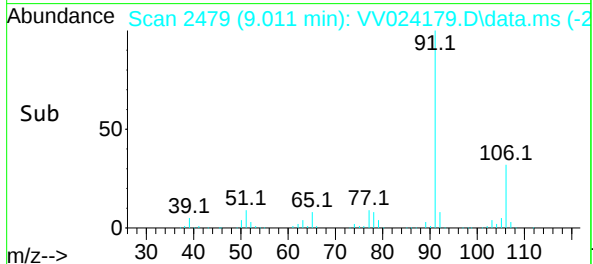
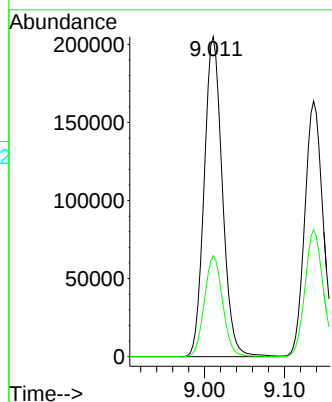
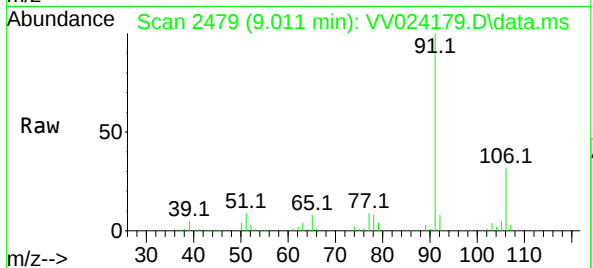
ClientSampleId :

Tgt Ion: 91 Resp: 324234

Ion Ratio Lower Upper

91 100

106 31.6 22.0 41.0



#53

m,p-xylene

Concen: 4.870 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024179.D

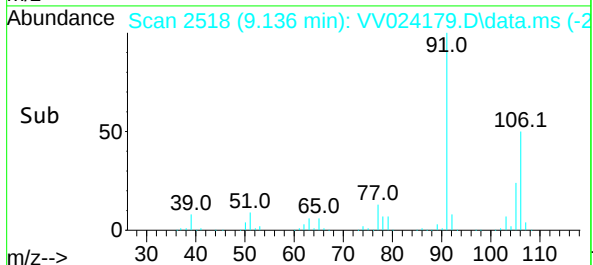
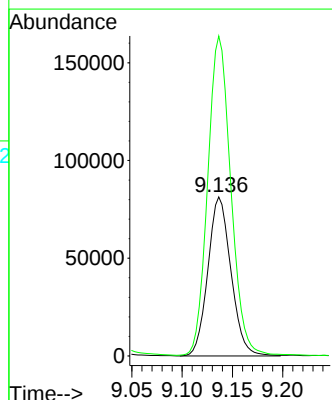
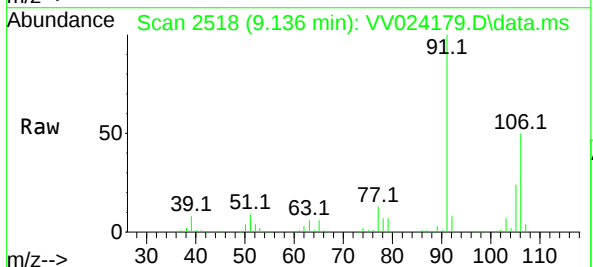
Acq: 27 Dec 2021 14:33

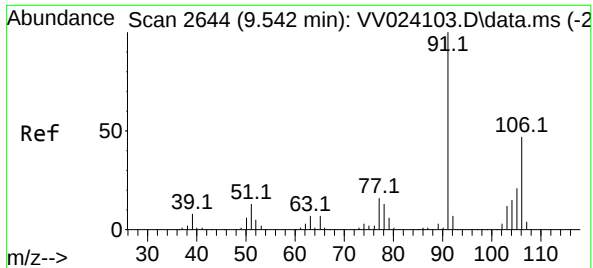
Tgt Ion:106 Resp: 129896

Ion Ratio Lower Upper

106 100

91 201.2 139.5 259.1

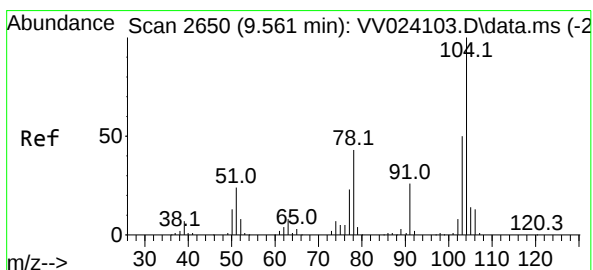
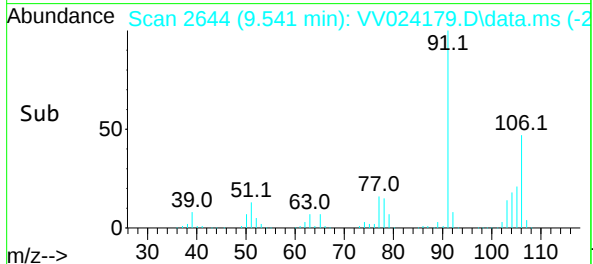
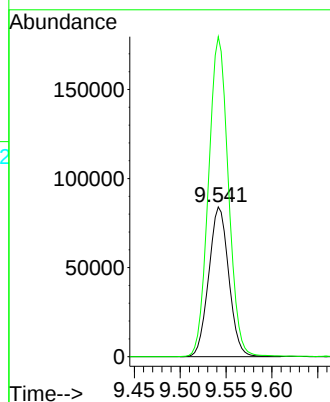
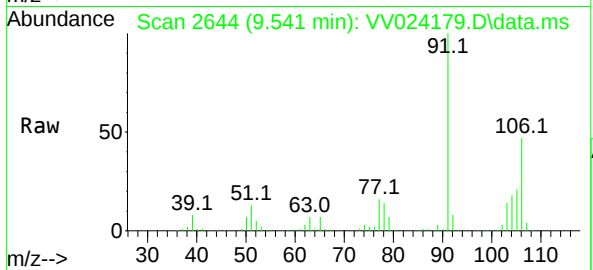




#54
o-xylene
Concen: 5.006 ug/L
RT: 9.541 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

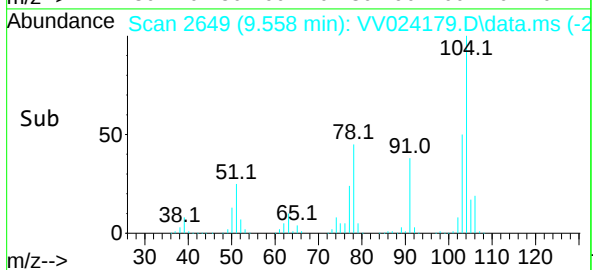
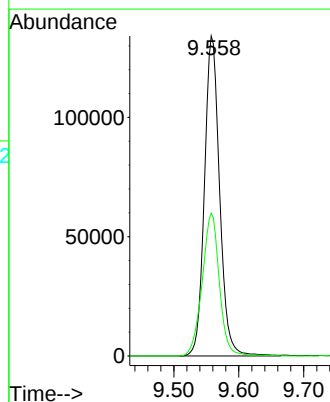
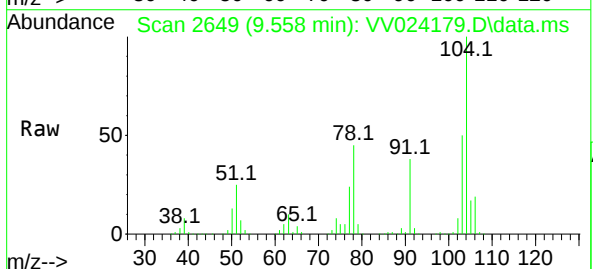
Instrument :
MSVOA_V
ClientSampleId :

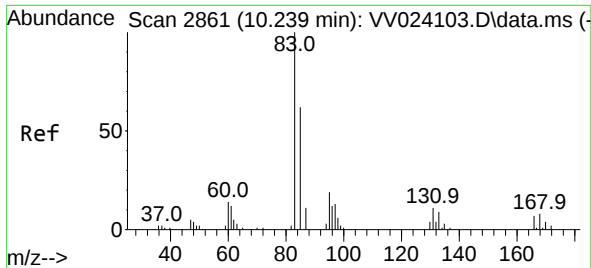
Tgt Ion:106 Resp: 127874
Ion Ratio Lower Upper
106 100
91 213.6 147.9 274.7



#55
Styrene
Concen: 5.077 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Tgt Ion:104 Resp: 218451
Ion Ratio Lower Upper
104 100
78 44.6 31.0 57.6

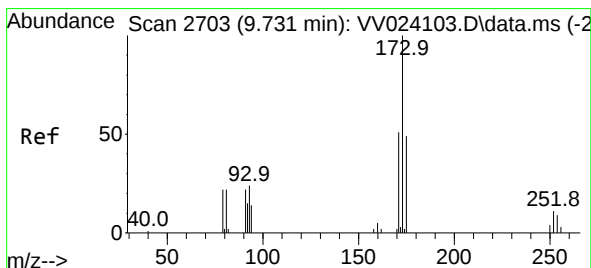
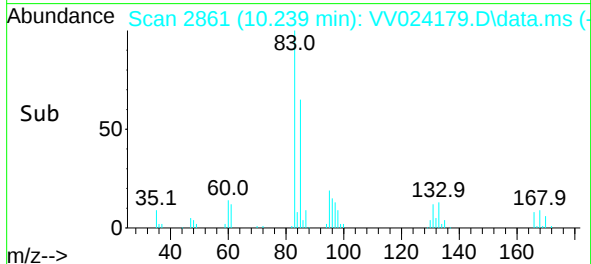
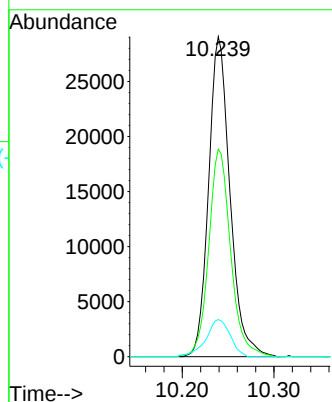
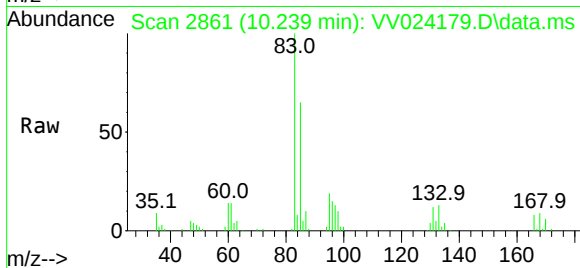




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.019 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

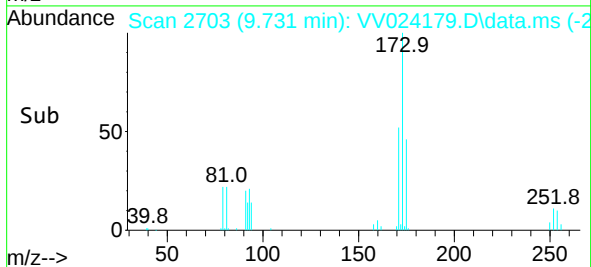
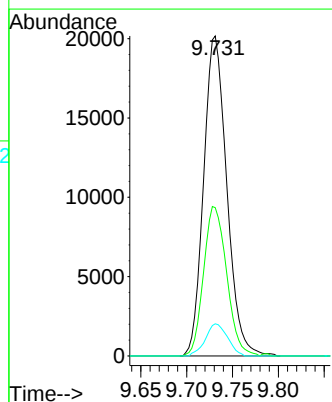
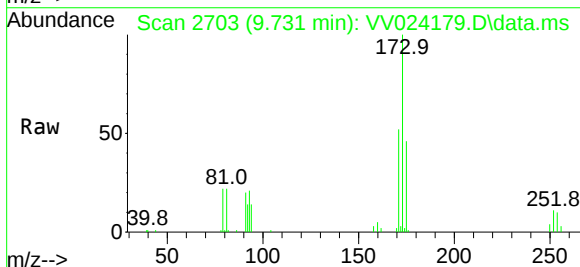
Instrument :
 MSVOA_V
 ClientSampleId :

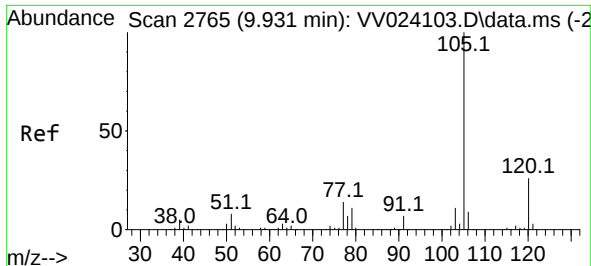
Tgt Ion: 83 Resp: 47122
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.6 82.8
 131 11.6 8.3 12.5



#59
 Bromoform
 Concen: 5.065 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

Tgt Ion: 173 Resp: 35477
 Ion Ratio Lower Upper
 173 100
 175 46.5 39.4 59.2
 254 9.6 7.4 11.0

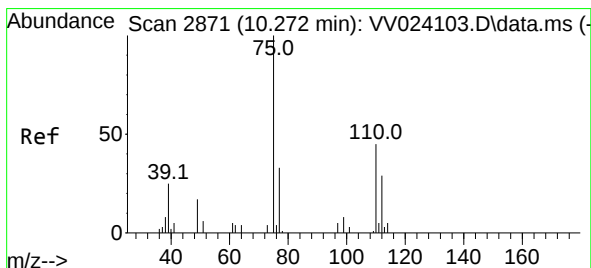
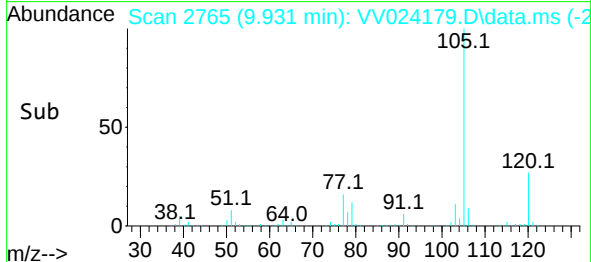
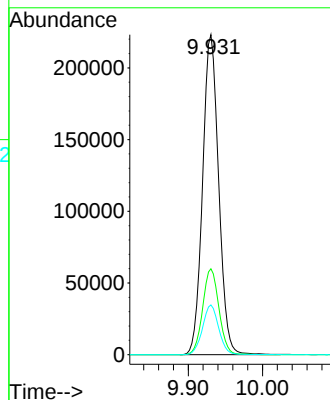
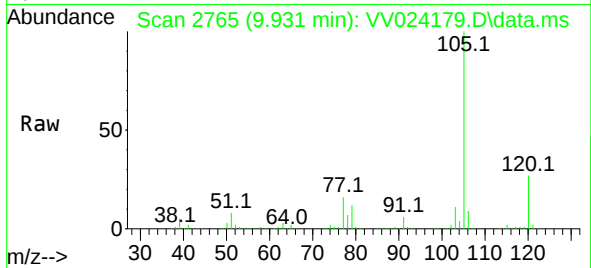




#60
Isopropylbenzene
Concen: 4.881 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

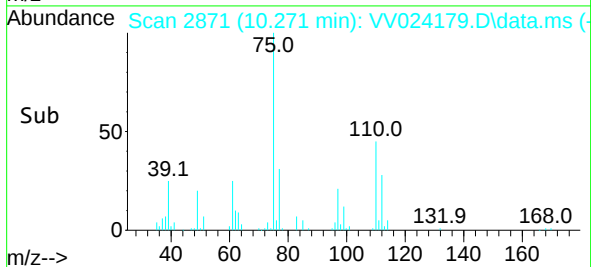
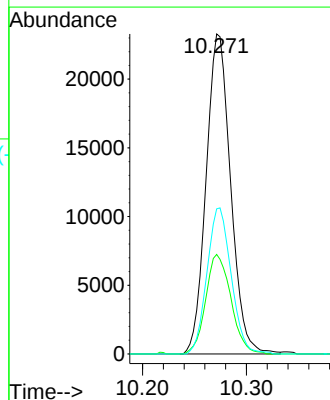
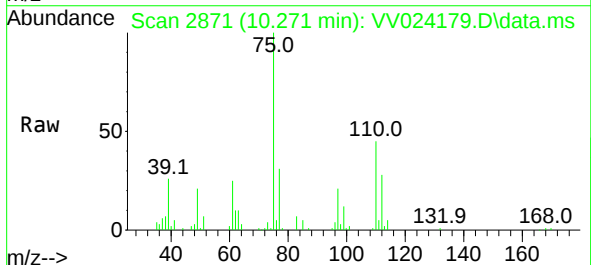
Instrument :
MSVOA_V
ClientSampleId :

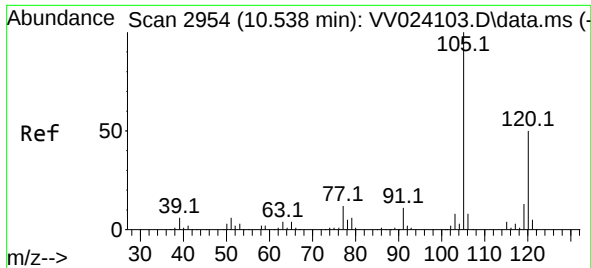
Tgt Ion:105 Resp: 335364
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 15.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.961 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Tgt Ion: 75 Resp: 38154
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 45.2 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.928 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024179.D

Acq: 27 Dec 2021 14:33

Instrument :

MSVOA_V

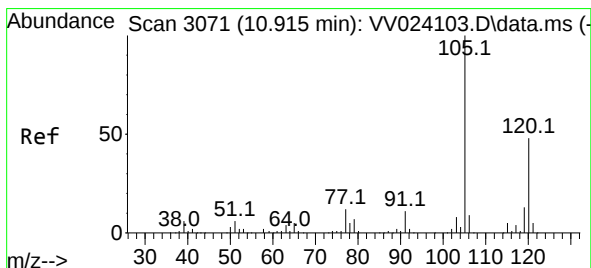
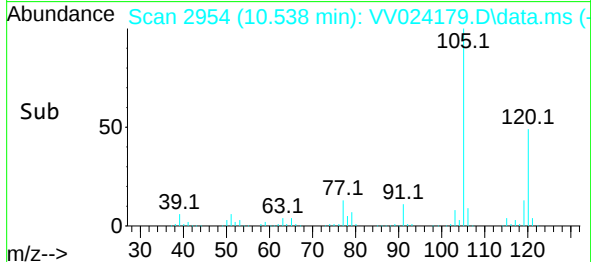
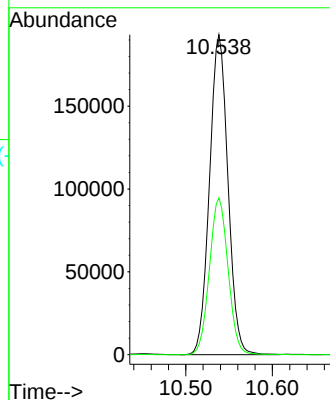
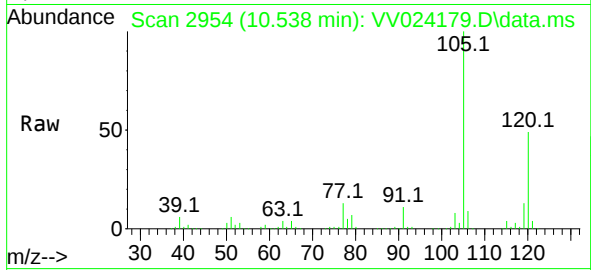
ClientSampleId :

Tgt Ion:105 Resp: 285508

Ion Ratio Lower Upper

105 100

120 49.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.983 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV024179.D

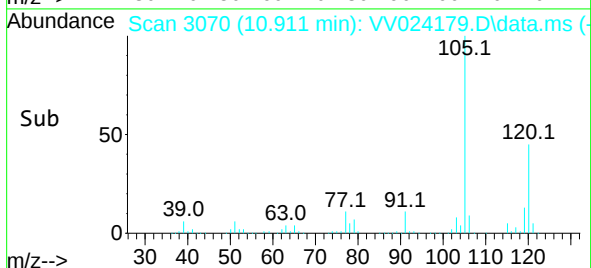
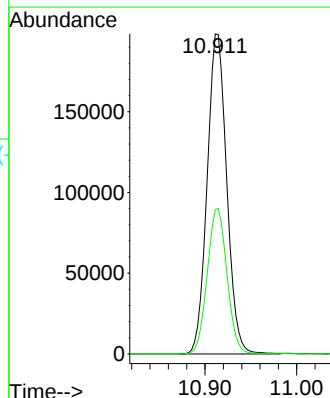
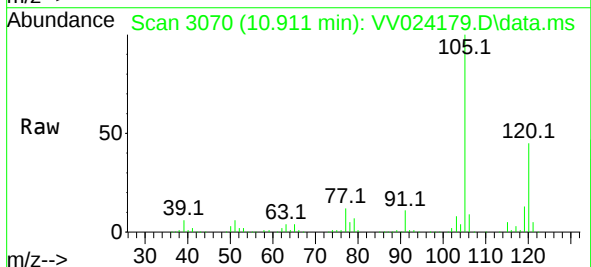
Acq: 27 Dec 2021 14:33

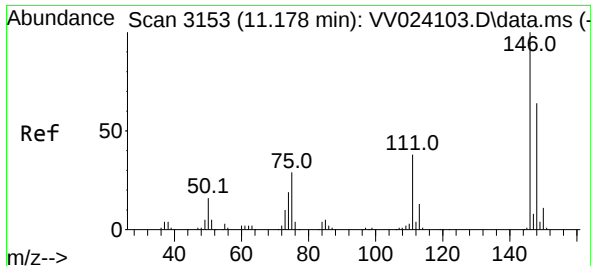
Tgt Ion:105 Resp: 294278

Ion Ratio Lower Upper

105 100

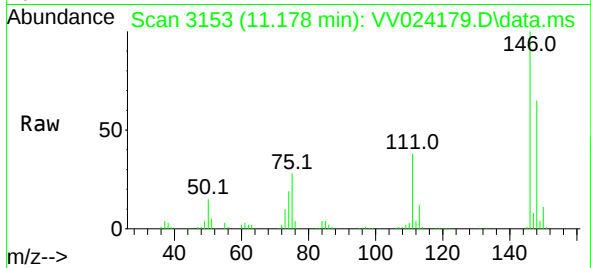
120 45.9 36.7 55.1



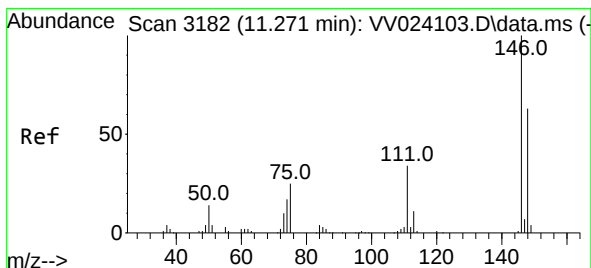
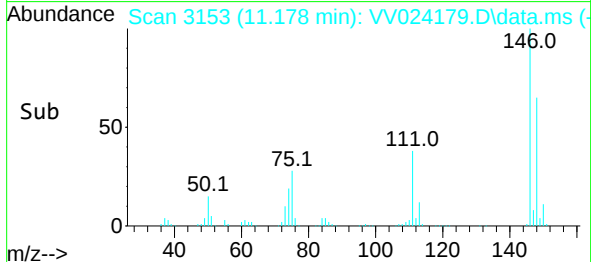
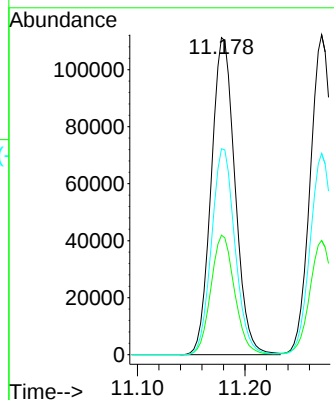


#64
1,3-Dichlorobenzene
Concen: 4.807 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

Instrument :
MSVOA_V
ClientSampleId :

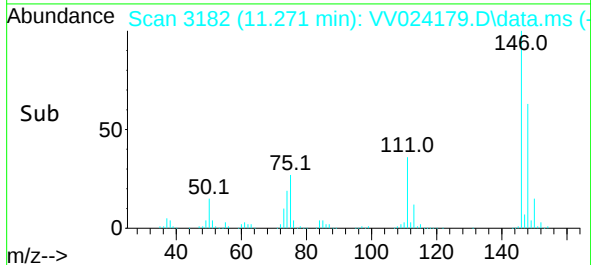
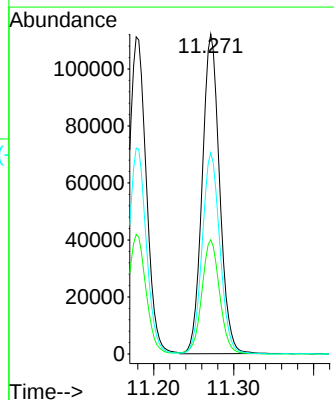
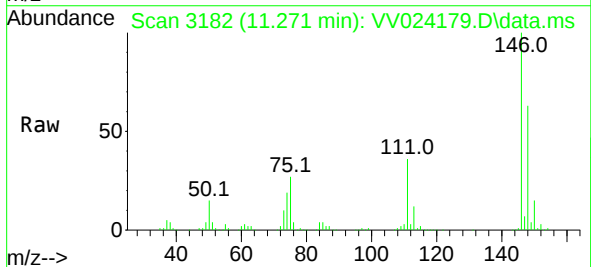


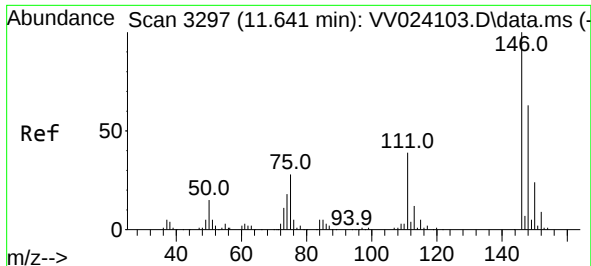
Tgt Ion:146 Resp: 171165
Ion Ratio Lower Upper
146 100
111 37.7 26.3 48.9
148 65.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.820 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

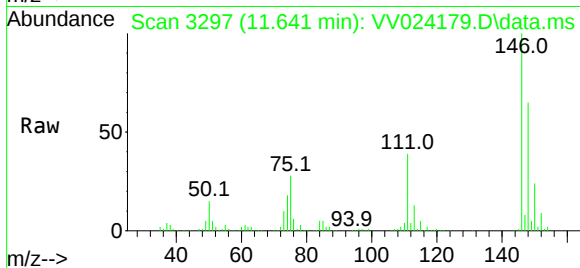
Tgt Ion:146 Resp: 170062
Ion Ratio Lower Upper
146 100
111 35.7 25.6 47.6
148 62.9 44.8 83.2



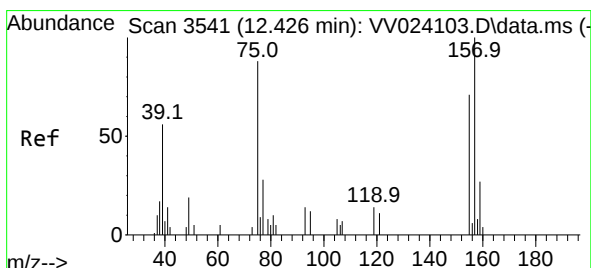
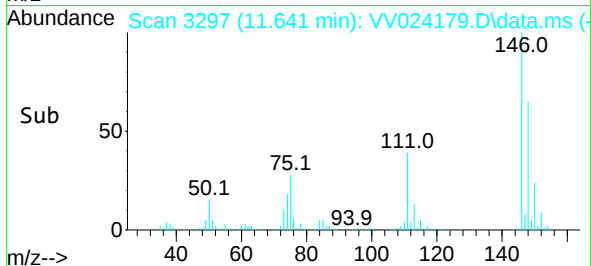
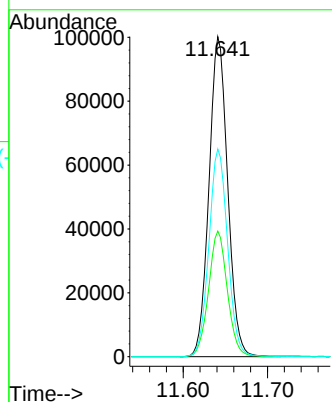


#67
 1,2-Dichlorobenzene
 Concen: 4.793 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

Instrument :
 MSVOA_V
 ClientSampleId :

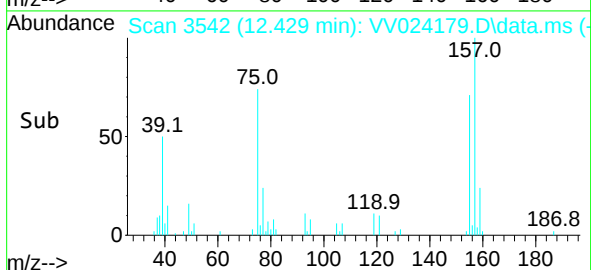
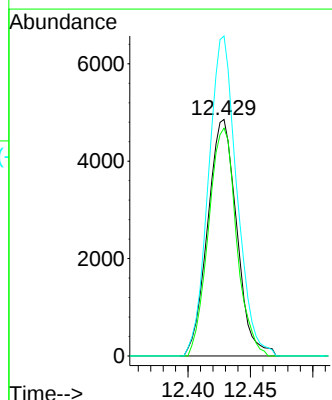
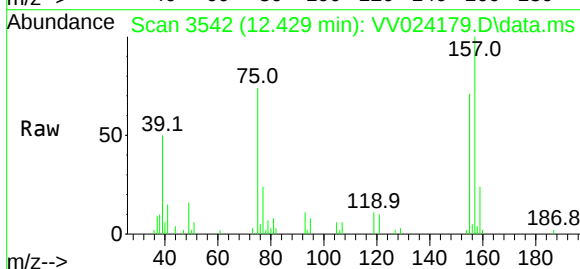


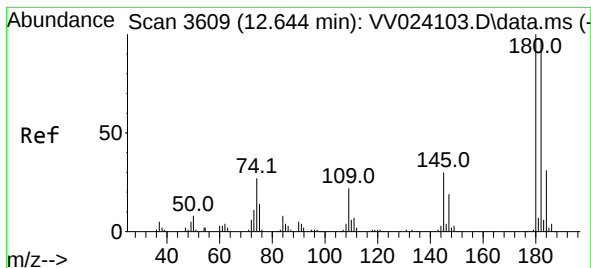
Tgt Ion:146 Resp: 154477
 Ion Ratio Lower Upper
 146 100
 111 39.2 31.9 47.9
 148 64.9 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.752 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

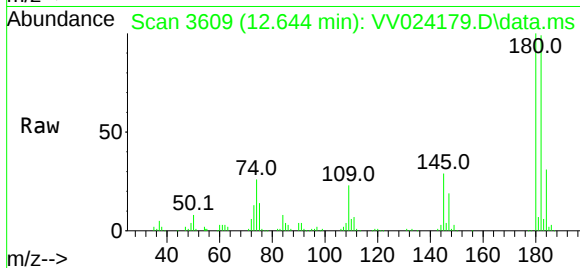
Tgt Ion: 75 Resp: 7882
 Ion Ratio Lower Upper
 75 100
 155 96.3 71.7 107.5
 157 135.3 103.3 154.9



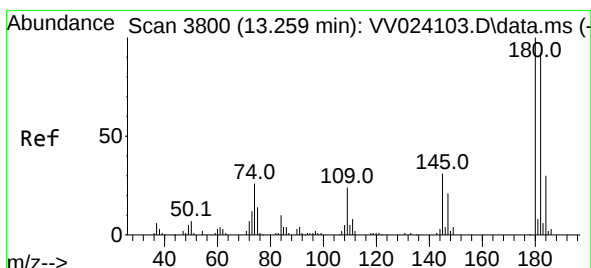
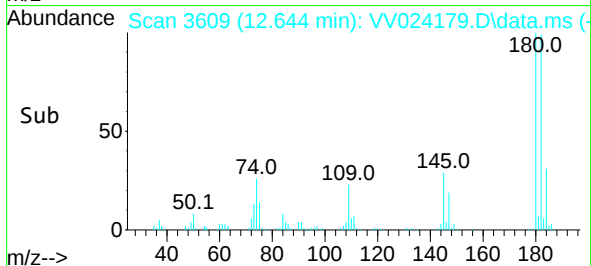
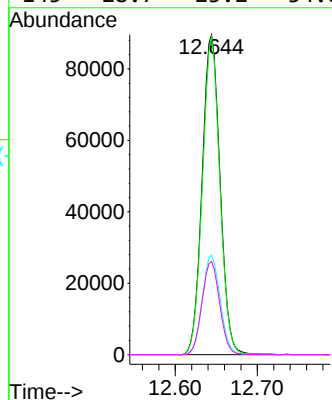


#69
 1,3,5-Trichlorobenzene
 Concen: 4.791 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

Instrument :
 MSVOA_V
 ClientSampleId :

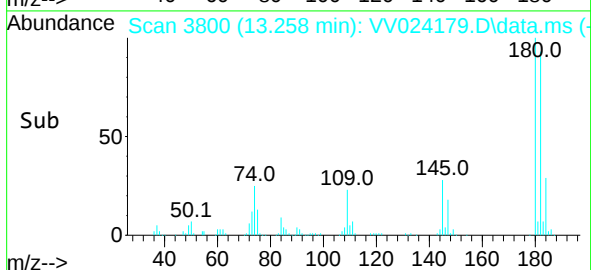
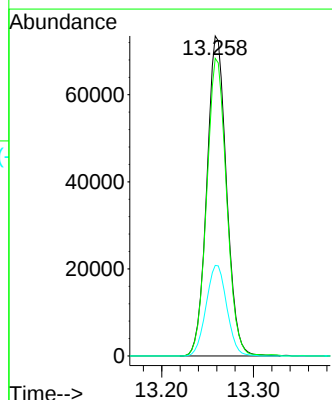
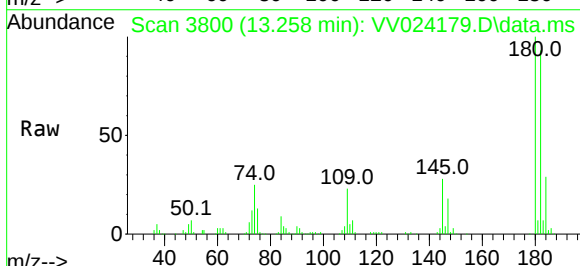


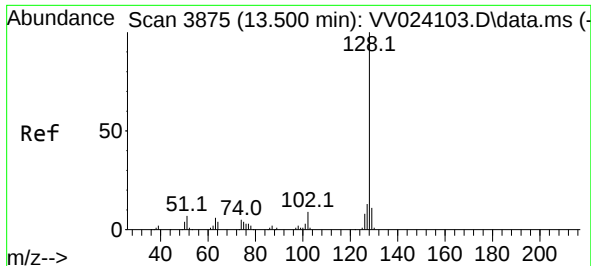
Tgt Ion:180 Resp: 135830
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.4 114.6
 184 30.9 24.2 36.4
 145 28.7 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.009 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024179.D
 Acq: 27 Dec 2021 14:33

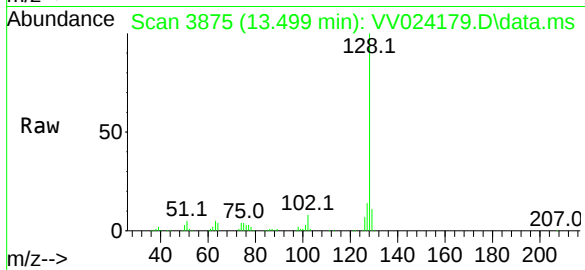
Tgt Ion:180 Resp: 109367
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.4 111.6
 145 29.8 23.3 34.9



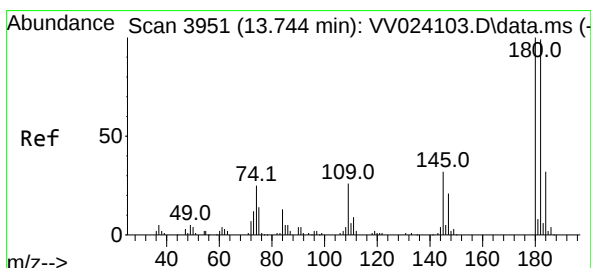
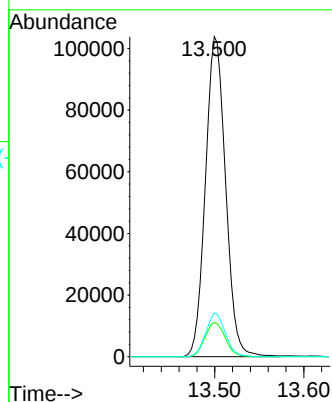
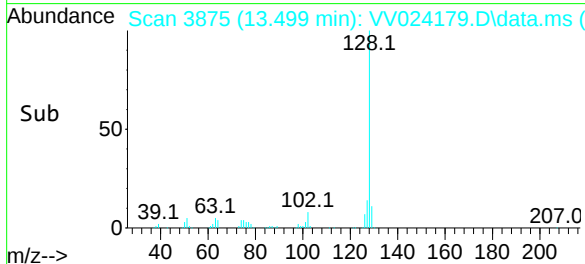


#71
Naphthalene
Concen: 5.025 ug/L
RT: 13.499 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33

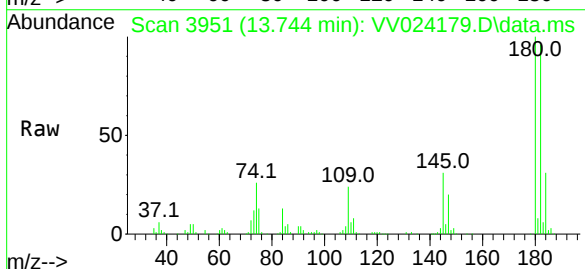
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 162901
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.057 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024179.D
Acq: 27 Dec 2021 14:33



Tgt Ion:180 Resp: 97101
Ion Ratio Lower Upper
180 100
182 97.1 76.8 115.2
145 31.7 25.8 38.6

