

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028088.D
 Acq On : 23 Sep 2022 03:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:55:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	175980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	98743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	99079	5.431	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.600%		
7) Chloroethane-d5	1.561	69	77397	5.336	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.800%		
11) 1,1-Dichloroethene-d2	2.101	63	158428	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.200%		
20) 2-Butanone-d5	3.896	46	165258	53.653	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 107.300%		
24) Chloroform-d	4.342	84	154496	5.307	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
26) 1,2-Dichloroethane-d4	5.027	65	73800	5.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.043	84	300405	4.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.400%		
36) 1,2-Dichloropropane-d6	6.066	67	88258	4.686	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 93.800%		
41) Toluene-d8	7.310	98	279434	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.200%		
43) trans-1,3-Dichloroprop...	7.619	79	31864	4.684	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.600%		
46) 2-Hexanone-d5	8.088	63	139567	49.156	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 98.320%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65968	5.125	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	97346	5.026	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	69211	5.266	ug/L	94
3) Chloromethane	1.236	50	68378	3.928	ug/L	97
5) Vinyl chloride	1.304	62	73871	5.413	ug/L	99
6) Bromomethane	1.516	94	45701	5.143	ug/L	100
8) Chloroethane	1.581	64	48506	5.301	ug/L	97
9) Trichlorofluoromethane	1.748	101	115794	5.344	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	64345	5.153	ug/L	99
12) 1,1-Dichloroethene	2.111	96	59527	4.895	ug/L	92
13) Acetone	2.188	43	102952	43.394	ug/L	97
14) Carbon disulfide	2.288	76	121837	5.220	ug/L	97
15) Methyl Acetate	2.439	43	23766	5.160	ug/L #	90
16) Methylene chloride	2.500	84	95033	7.000	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	136214	5.207	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	56416	5.299	ug/L	95
19) 1,1-Dichloroethane	3.182	63	122102	5.258	ug/L	98
21) 2-Butanone	3.976	43	147771	50.310	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	65456	4.686	ug/L	96
23) Bromochloromethane	4.243	128	30472	5.448	ug/L	87
25) Chloroform	4.371	83	131734	5.286	ug/L	98

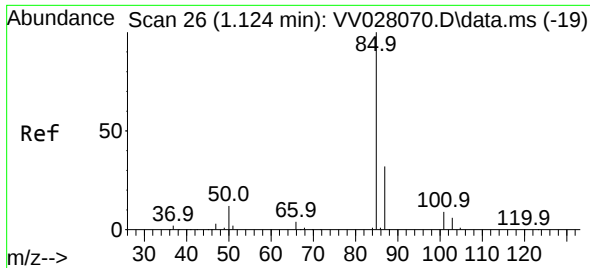
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	71971	5.416	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	109792	4.850	ug/L	99
30) Cyclohexane	4.670	56	74052	4.523	ug/L	92
31) Carbon tetrachloride	4.822	117	92532	4.967	ug/L	99
33) Benzene	5.092	78	255744	4.999	ug/L	100
34) Trichloroethene	5.908	95	61056	4.794	ug/L	95
35) Methylcyclohexane	6.124	83	80729	4.622	ug/L	98
37) 1,2-Dichloropropane	6.169	63	69114	4.819	ug/L	99
38) Bromodichloromethane	6.506	83	89014	5.027	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	79718	4.475	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	364295	52.305	ug/L	99
42) Toluene	7.384	91	275220	5.157	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	73173	4.776	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	49825	5.183	ug/L	97
47) Tetrachloroethene	7.973	164	51724	5.088	ug/L	92
48) 2-Hexanone	8.137	43	272479	51.535	ug/L	99
49) Dibromochloromethane	8.243	129	59984	5.189	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42099	5.039	ug/L	100
51) Chlorobenzene	8.879	112	179795	5.023	ug/L	99
52) Ethylbenzene	9.008	91	275713	4.884	ug/L	100
53) m,p-Xylene	9.136	106	107977	4.991	ug/L	98
54) o-Xylene	9.542	106	105753	4.950	ug/L	98
55) Styrene	9.558	104	195059	5.269	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	58855	5.254	ug/L	99
59) Bromoform	9.728	173	32132	5.125	ug/L	98
60) Isopropylbenzene	9.927	105	284537	4.909	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	42046	5.077	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	76512	4.687	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	218640	4.791	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	148813	5.160	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	150311	5.209	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	140539	5.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8609	4.742	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	114947	5.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	91110	4.991	ug/L	99
71) Naphthalene	13.500	128	137960	4.615	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	82855	5.018	ug/L	97

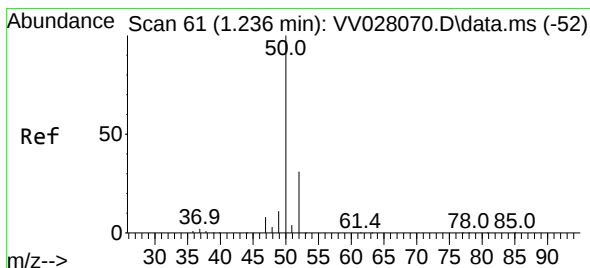
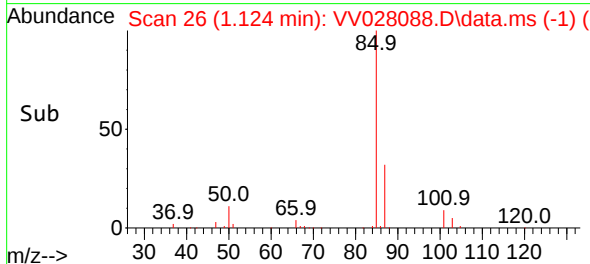
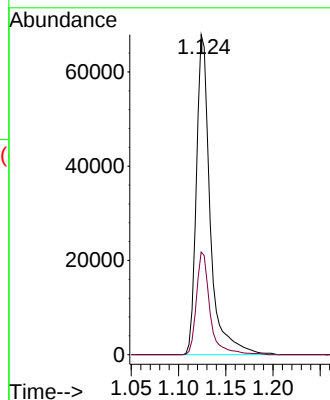
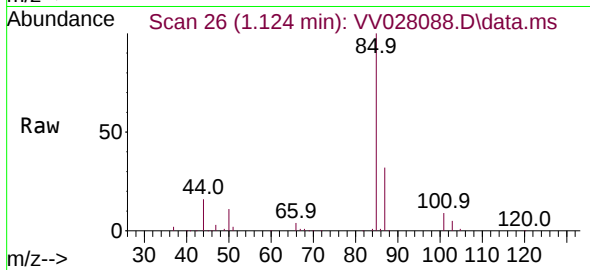
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.266 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028088.D
 Acq: 23 Sep 2022 03:59

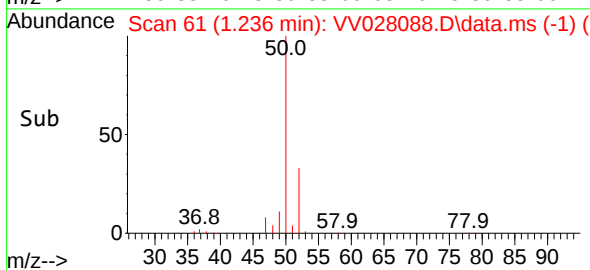
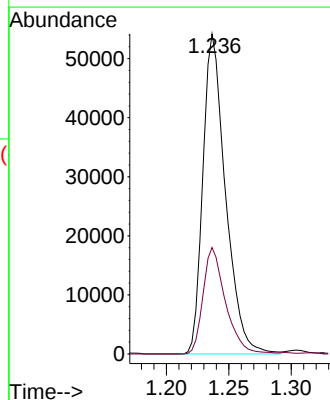
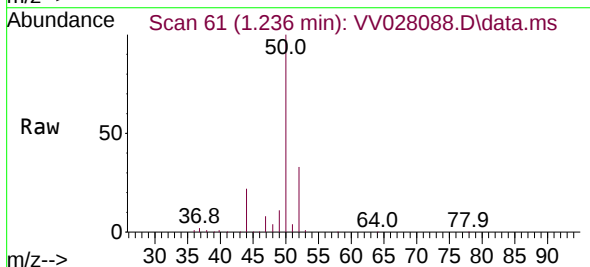
Instrument :
 MSVOA_V
 ClientSampleId :

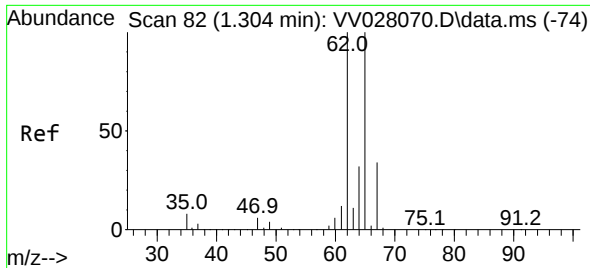
Tgt Ion: 85 Resp: 69211
 Ion Ratio Lower Upper
 85 100
 87 31.6 22.8 34.2



#3
 Chloromethane
 Concen: 3.928 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028088.D
 Acq: 23 Sep 2022 03:59

Tgt Ion: 50 Resp: 68378
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.4 45.2

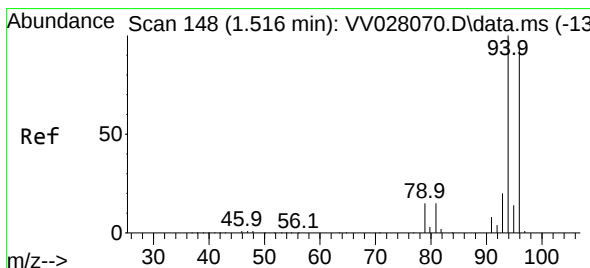
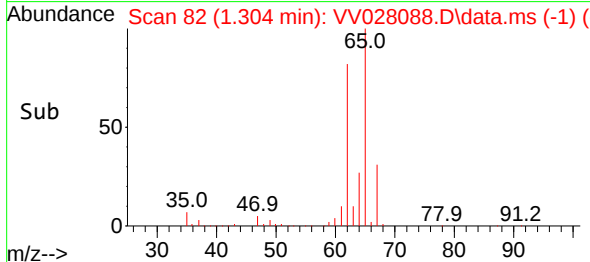
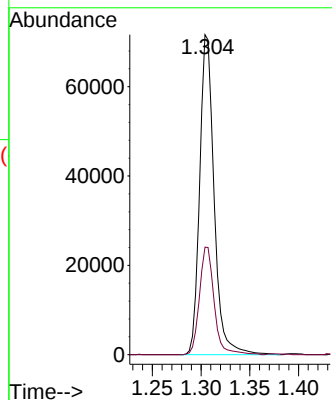
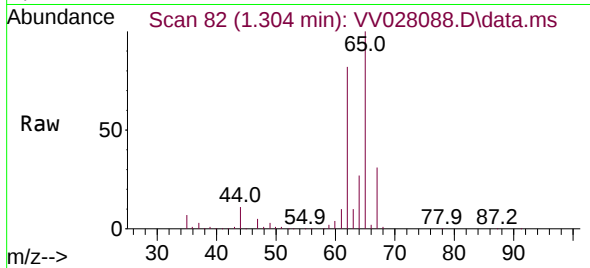




#5
 Vinyl chloride
 Concen: 5.413 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028088.D
 Acq: 23 Sep 2022 03:59

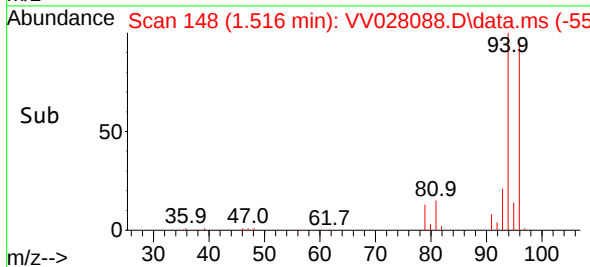
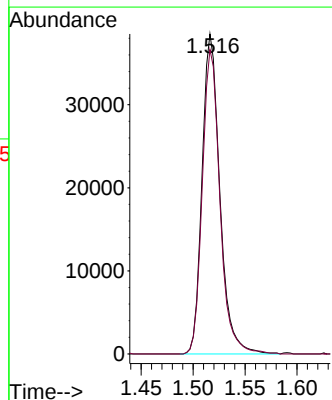
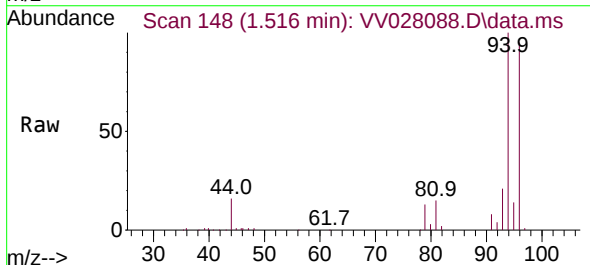
Instrument :
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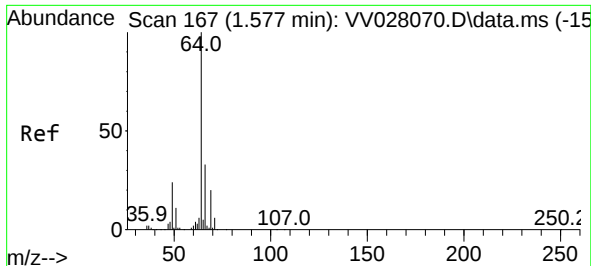
Tgt Ion: 62 Resp: 73871
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.8



#6
 Bromomethane
 Concen: 5.143 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028088.D
 Acq: 23 Sep 2022 03:59

Tgt Ion: 94 Resp: 45701
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.7 123.9

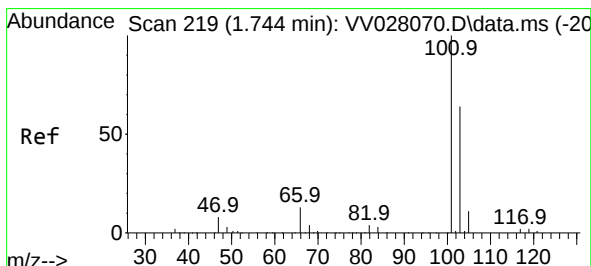
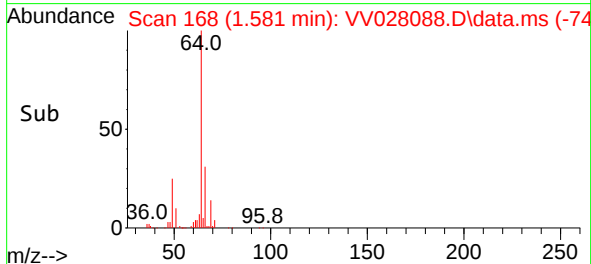
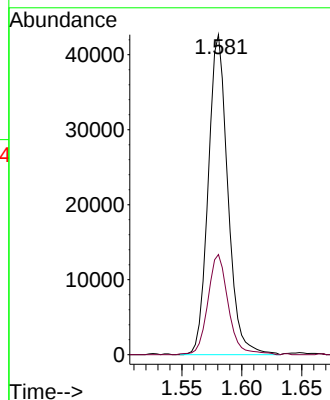
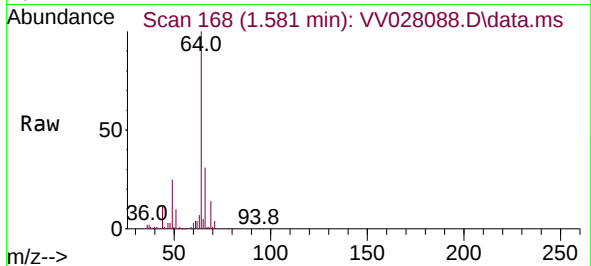




#8
Chloroethane
Concen: 5.301 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

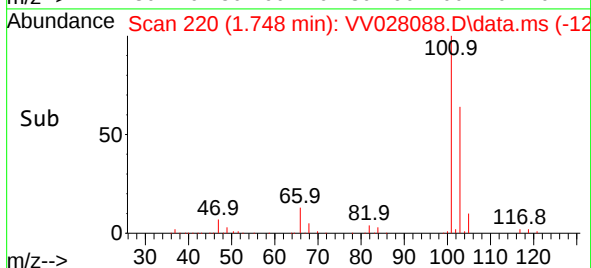
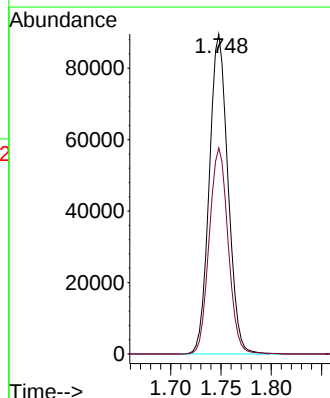
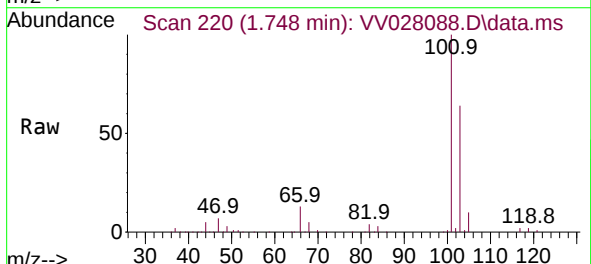
Instrument :
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ClientSampleId :

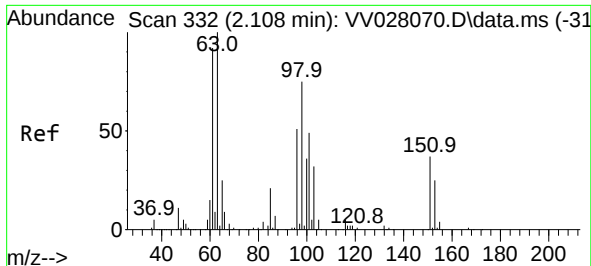
Tgt Ion: 64 Resp: 48506
Ion Ratio Lower Upper
64 100
66 31.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.344 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion: 101 Resp: 115794
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0





#10

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

Concen: 5.153 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

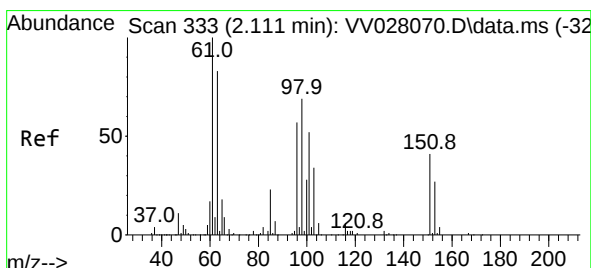
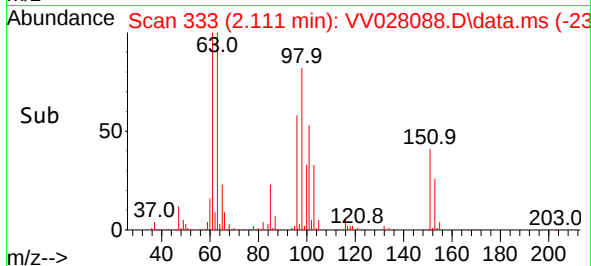
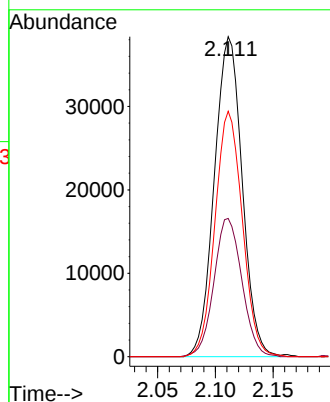
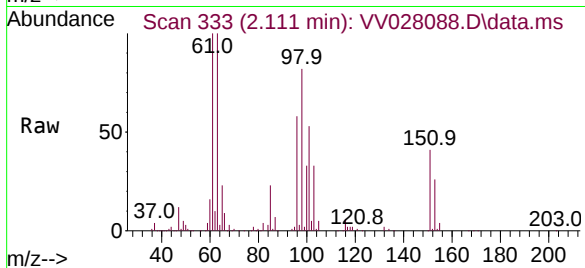
Tgt Ion:101 Resp: 64345

Ion Ratio Lower Upper

101 100

85 43.4 34.4 51.6

151 75.3 61.1 91.7



#12

1,1-Dichloroethene

Concen: 4.895 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

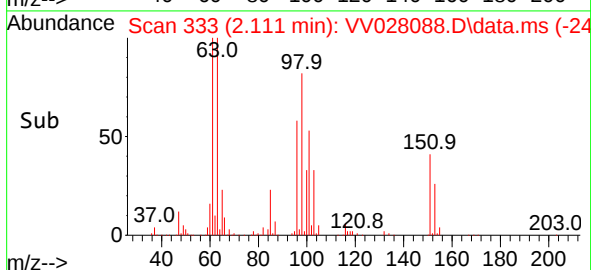
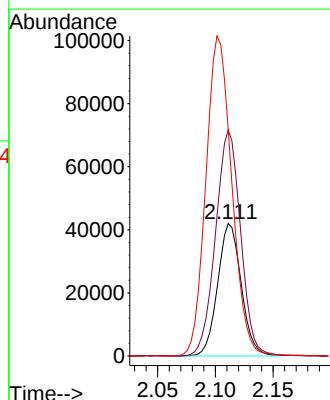
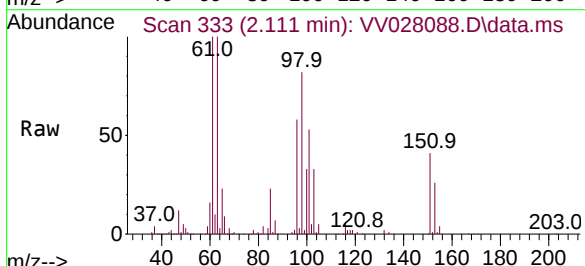
Tgt Ion: 96 Resp: 59527

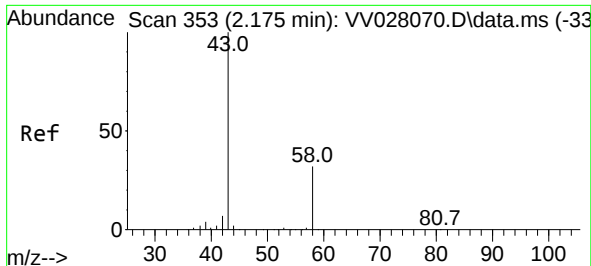
Ion Ratio Lower Upper

96 100

61 170.9 128.3 238.3

63 171.3 112.7 209.3





#13

Acetone

Concen: 43.394 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.013 min

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MSVOA_V

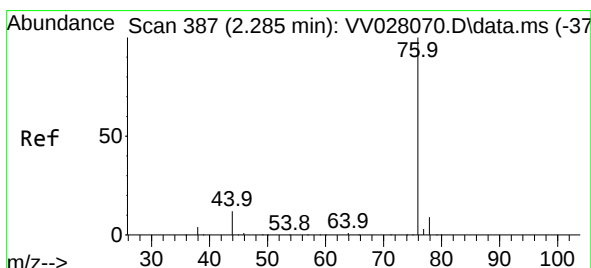
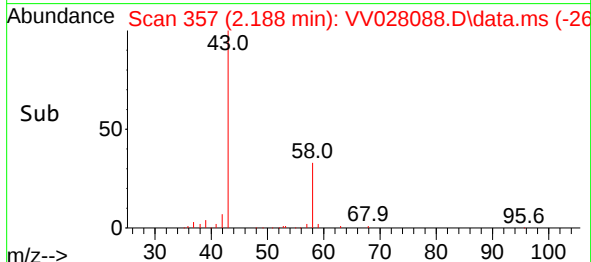
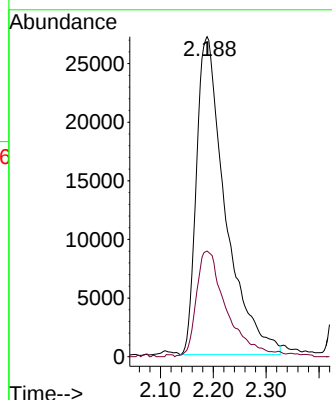
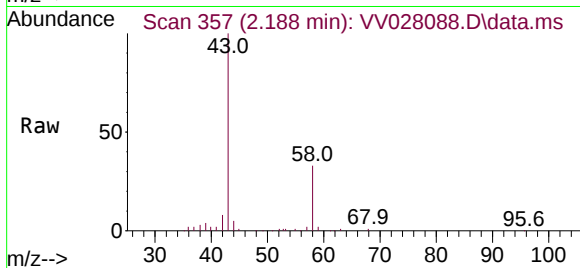
ClientSampleId :

Tgt Ion: 43 Resp: 102952

Ion Ratio Lower Upper

43 100

58 34.4 0.0 65.6



#14

Carbon disulfide

Concen: 5.220 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028088.D

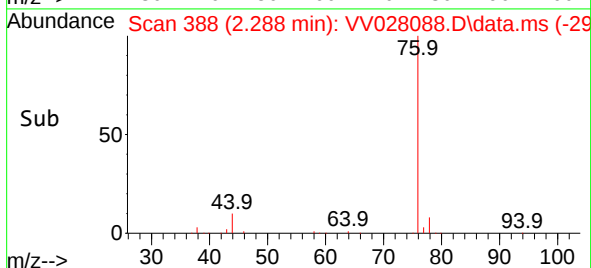
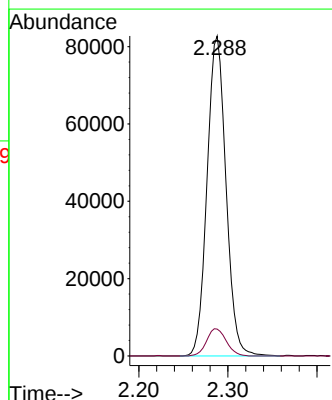
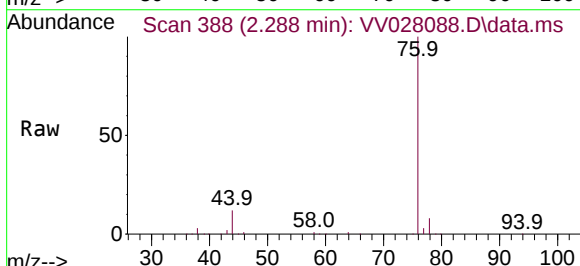
Acq: 23 Sep 2022 03:59

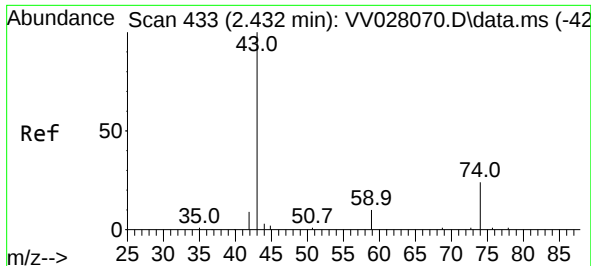
Tgt Ion: 76 Resp: 121837

Ion Ratio Lower Upper

76 100

78 8.4 7.6 11.4

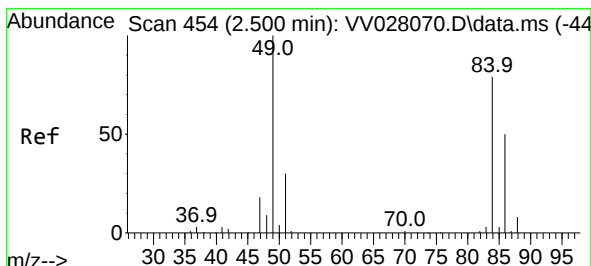
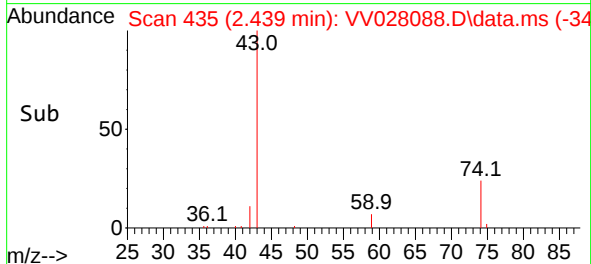
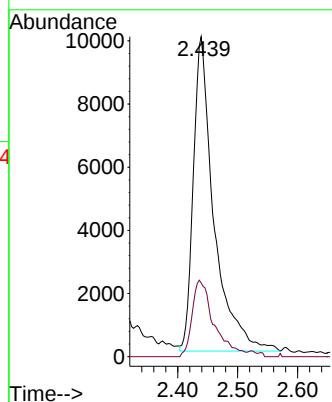
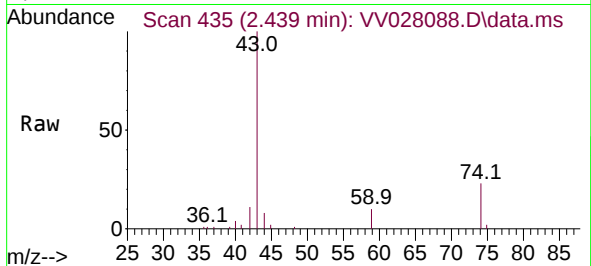




#15
Methyl Acetate
Concen: 5.160 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

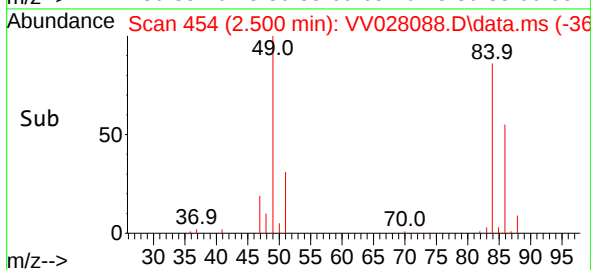
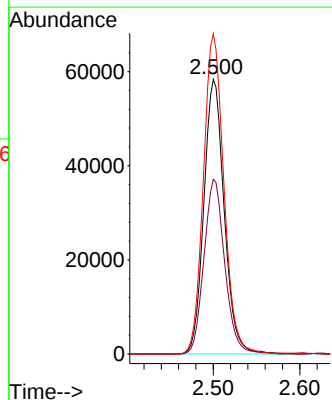
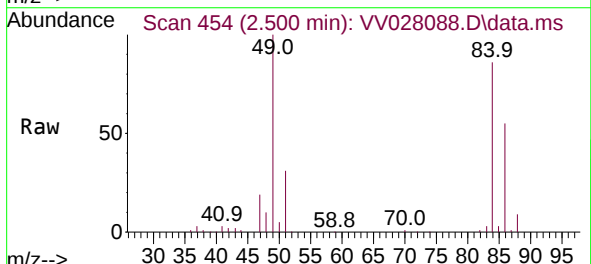
Instrument :
MSVOA_V
ClientSampleId :

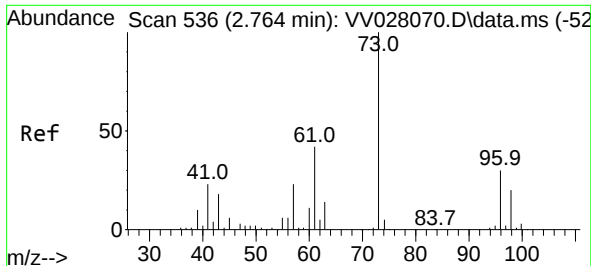
Tgt Ion: 43 Resp: 23766
Ion Ratio Lower Upper
43 100
74 25.7 16.9 25.3#



#16
Methylene chloride
Concen: 7.000 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion: 84 Resp: 95033
Ion Ratio Lower Upper
84 100
86 63.6 46.8 86.8
49 116.5 87.5 162.5





#17

Methyl tert-butyl Ether

Concen: 5.207 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

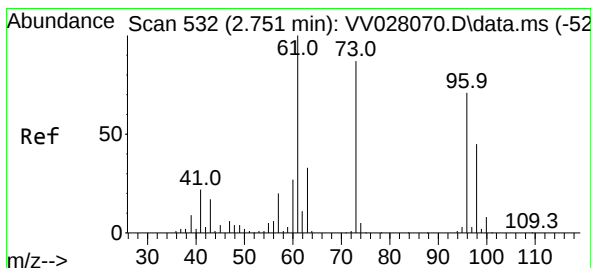
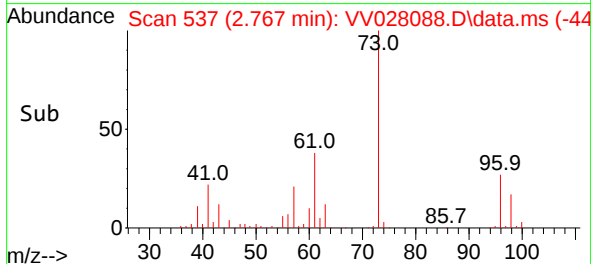
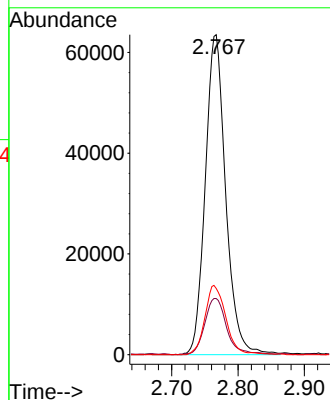
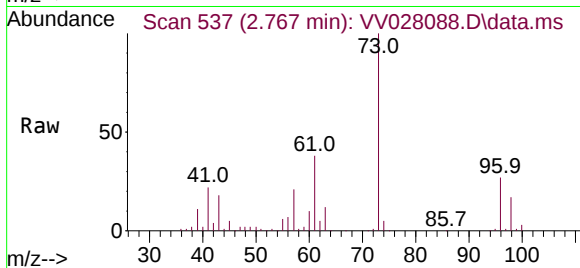
Tgt Ion: 73 Resp: 136214

Ion Ratio Lower Upper

73 100

43 19.1 15.7 23.5

57 22.2 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.299 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

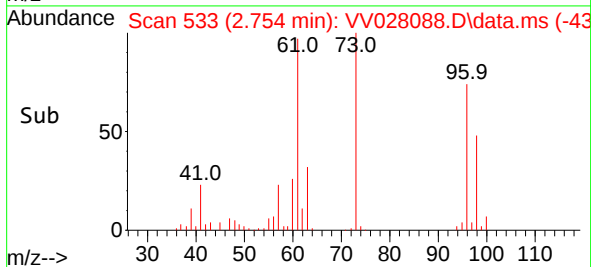
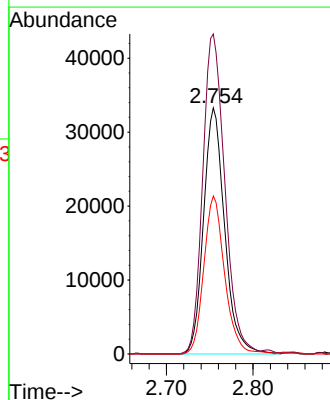
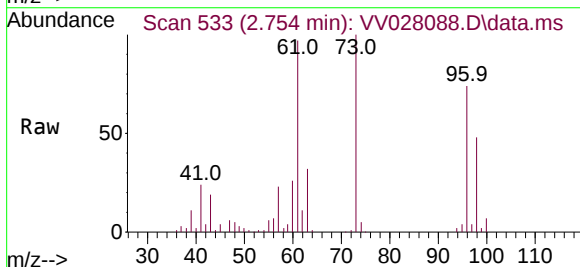
Tgt Ion: 96 Resp: 56416

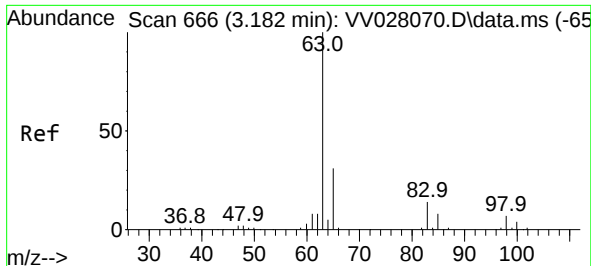
Ion Ratio Lower Upper

96 100

61 130.0 96.2 178.6

98 64.2 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.258 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

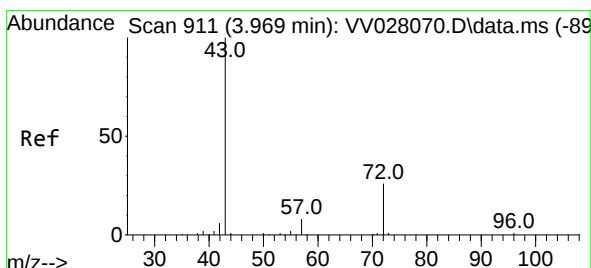
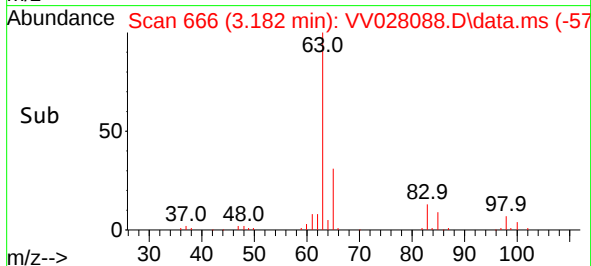
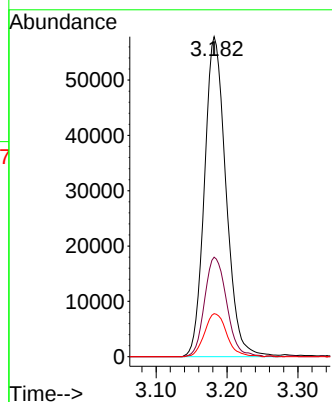
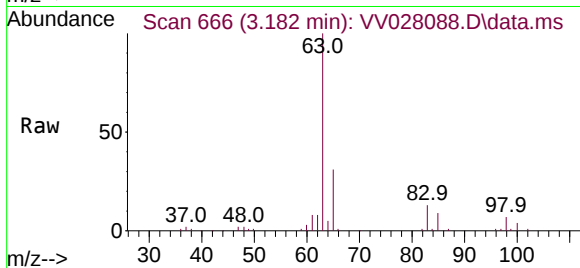
Tgt Ion: 63 Resp: 122102

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 13.4 9.2 17.2



#21

2-Butanone

Concen: 50.310 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.007 min

Lab File: VV028088.D

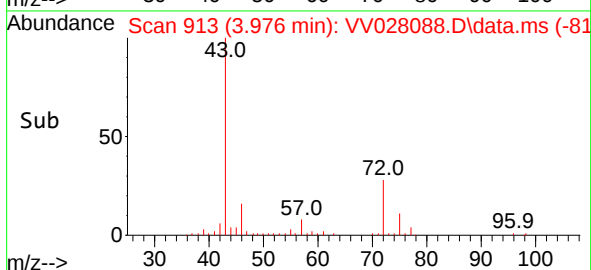
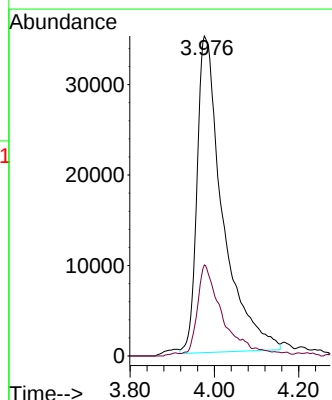
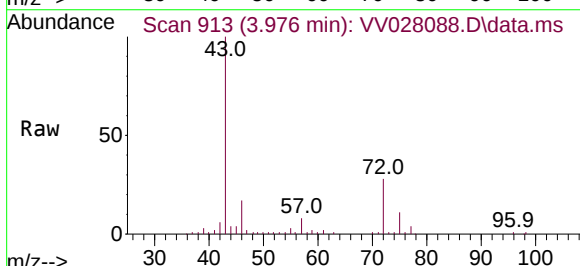
Acq: 23 Sep 2022 03:59

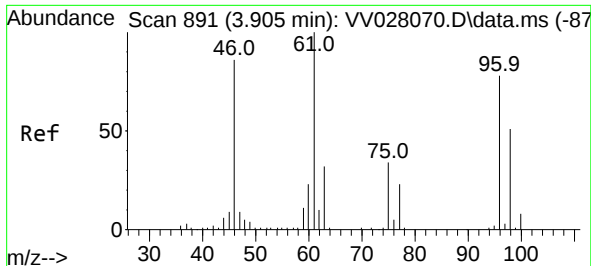
Tgt Ion: 43 Resp: 147771

Ion Ratio Lower Upper

43 100

72 24.0 12.7 38.1





#22

cis-1,2-Dichloroethene

Concen: 4.686 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

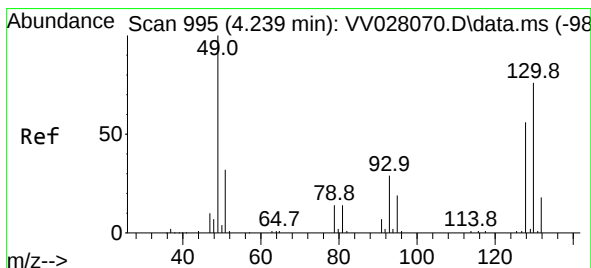
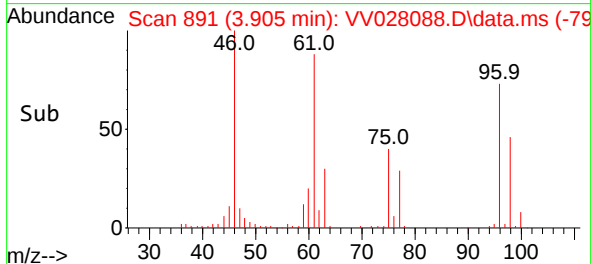
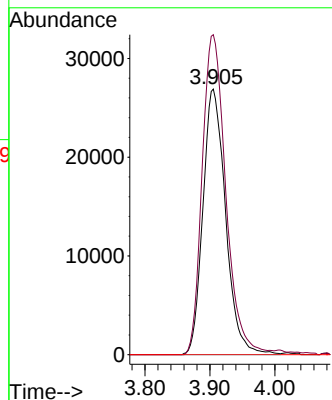
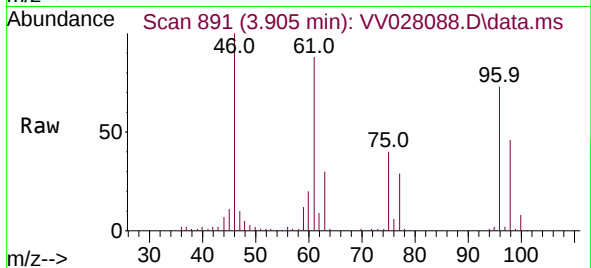
Tgt Ion: 96 Resp: 65456

Ion Ratio Lower Upper

96 100

61 120.5 87.2 161.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.448 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.003 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Tgt Ion: 128 Resp: 30472

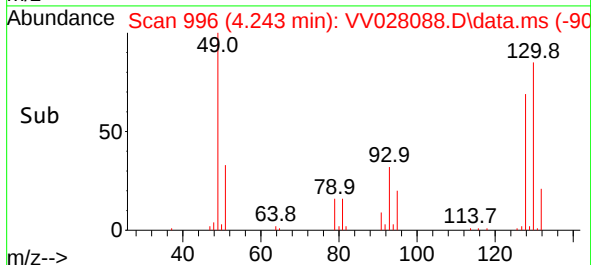
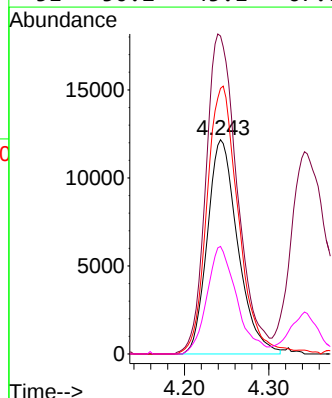
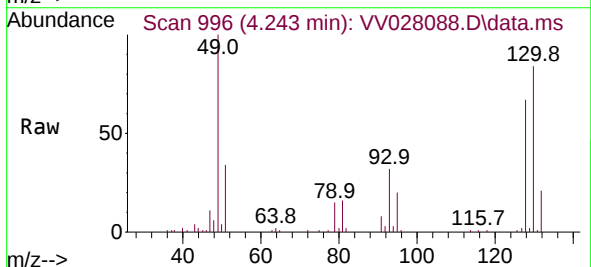
Ion Ratio Lower Upper

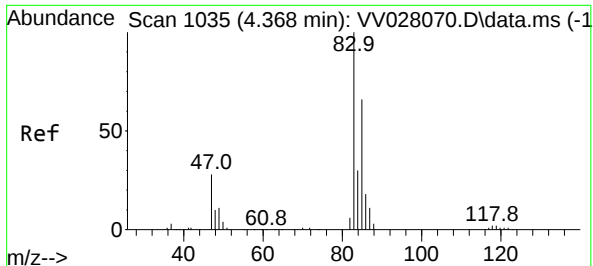
128 100

49 148.4 119.9 222.7

130 124.0 94.6 175.8

51 50.2 45.1 67.7





#25

Chloroform

Concen: 5.286 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

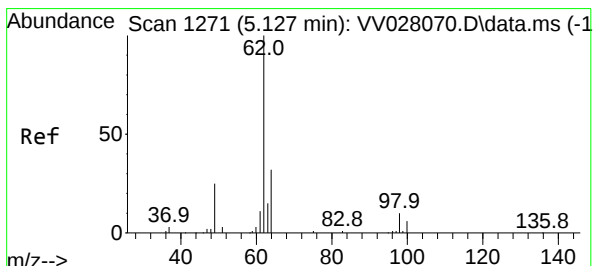
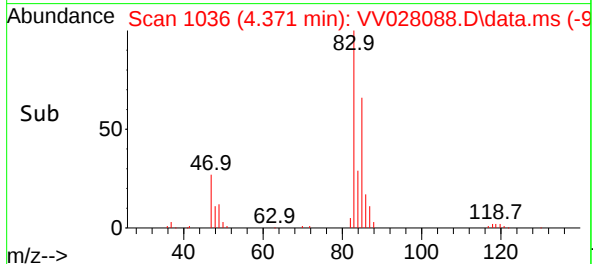
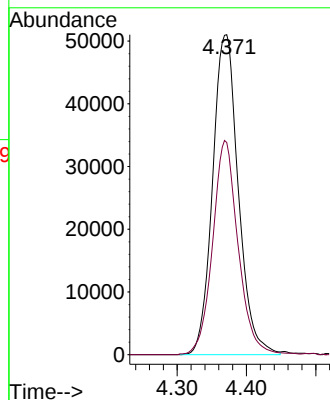
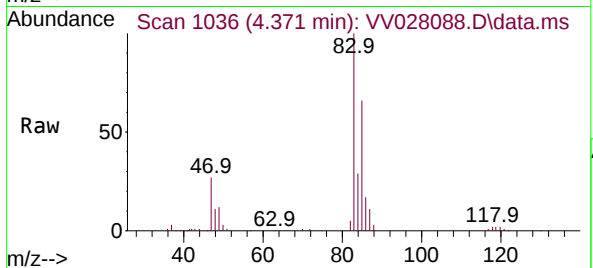
ClientSampleId :

Tgt Ion: 83 Resp: 131734

Ion Ratio Lower Upper

83 100

85 66.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.416 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV028088.D

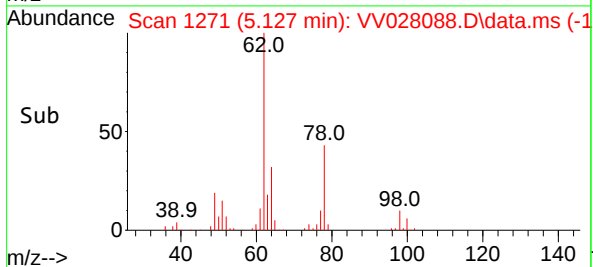
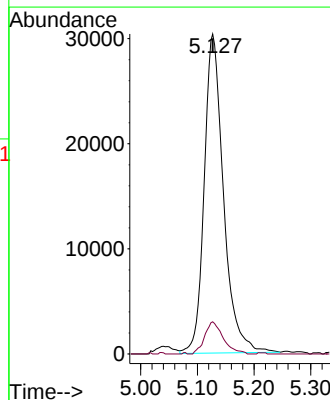
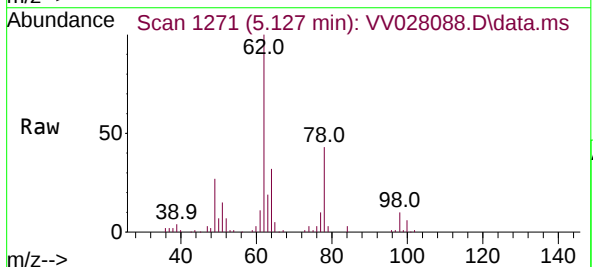
Acq: 23 Sep 2022 03:59

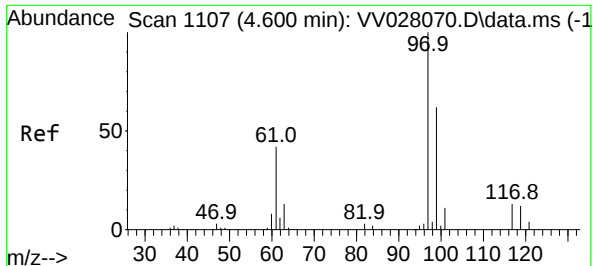
Tgt Ion: 62 Resp: 71971

Ion Ratio Lower Upper

62 100

98 10.1 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 4.850 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

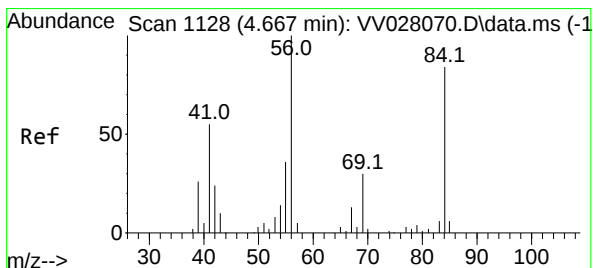
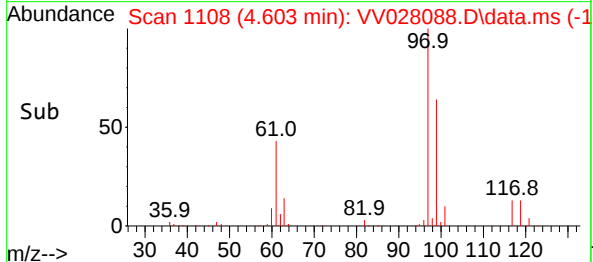
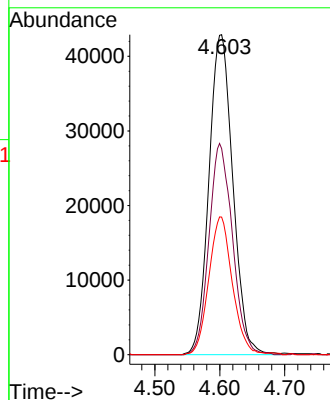
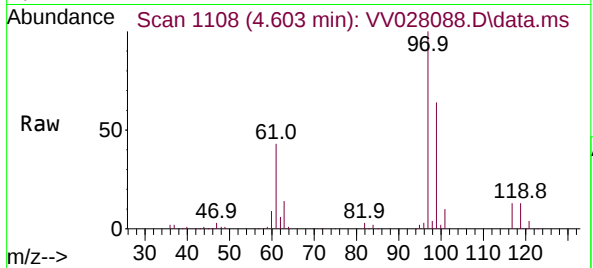
Tgt Ion: 97 Resp: 109792

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 42.3 34.8 52.2



#30

Cyclohexane

Concen: 4.523 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

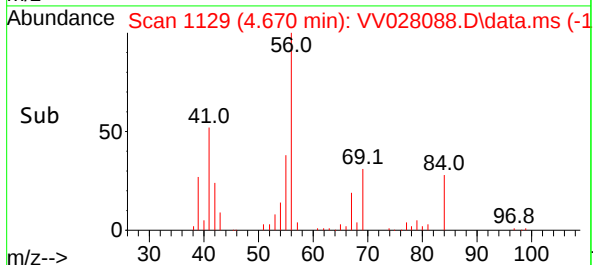
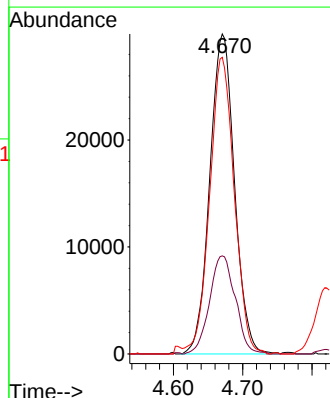
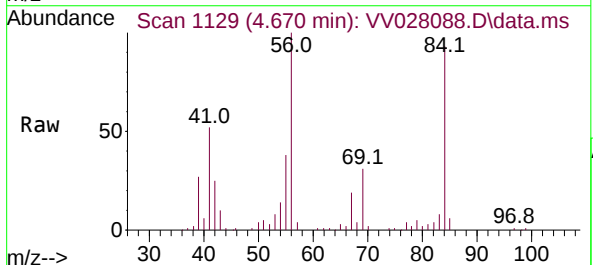
Tgt Ion: 56 Resp: 74052

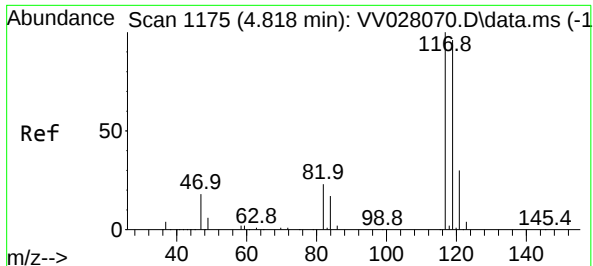
Ion Ratio Lower Upper

56 100

69 31.9 23.7 35.5

84 92.3 67.3 100.9

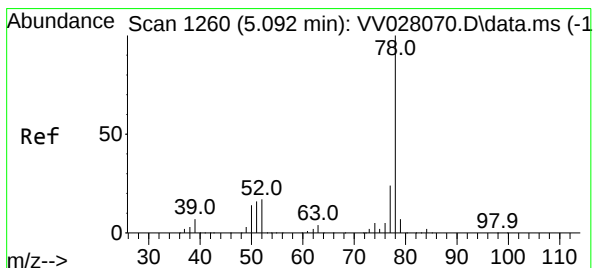
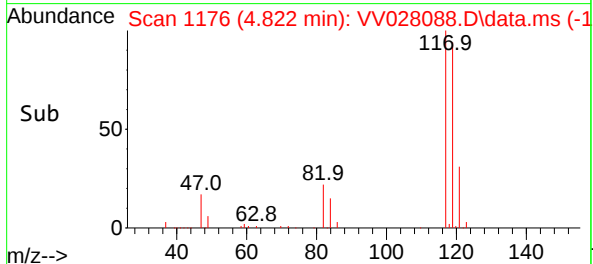
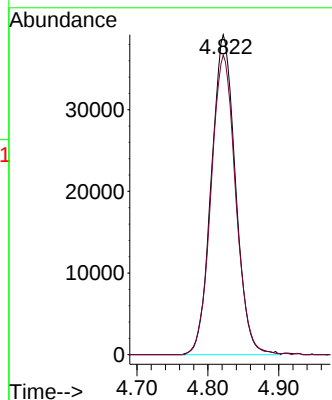
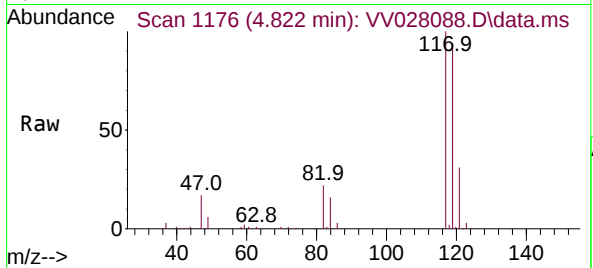




#31
Carbon tetrachloride
Concen: 4.967 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

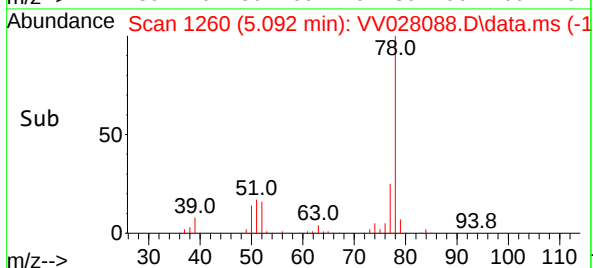
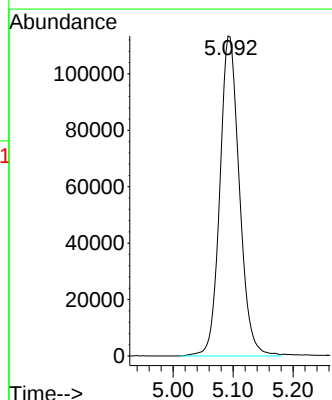
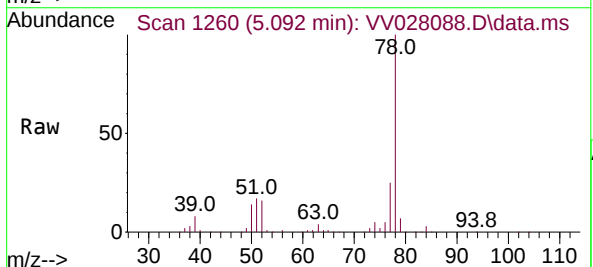
Instrument :
MSVOA_V
ClientSampleId :

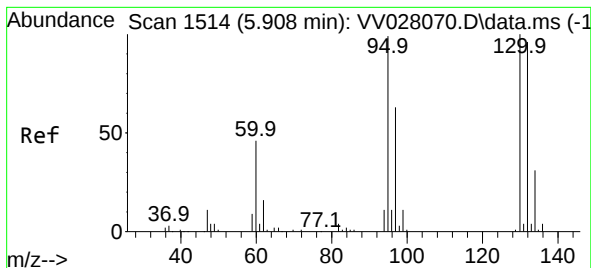
Tgt Ion:117 Resp: 92532
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 4.999 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion: 78 Resp: 255744





#34

Trichloroethene

Concen: 4.794 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 61056

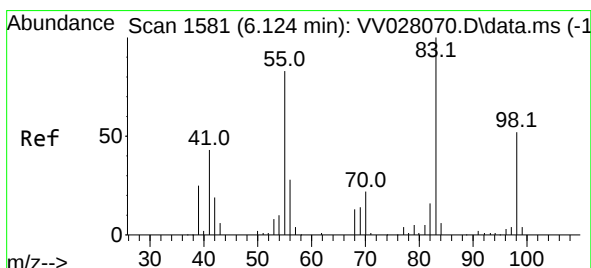
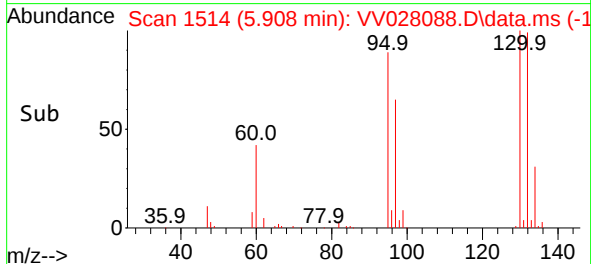
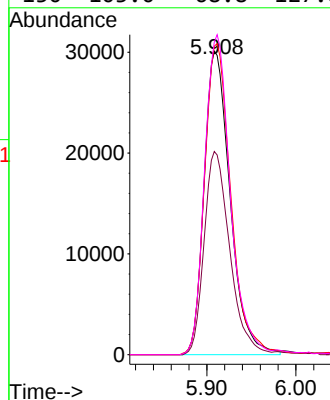
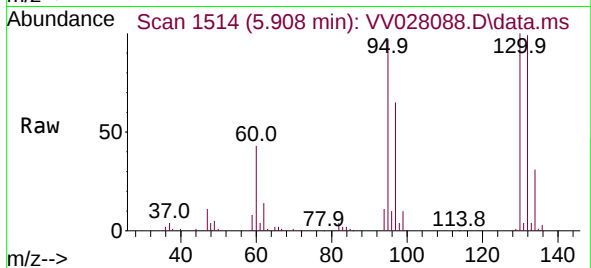
Ion Ratio Lower Upper

95 100

97 66.9 44.2 82.0

132 101.6 67.8 126.0

130 103.0 68.8 127.8



#35

Methylcyclohexane

Concen: 4.622 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

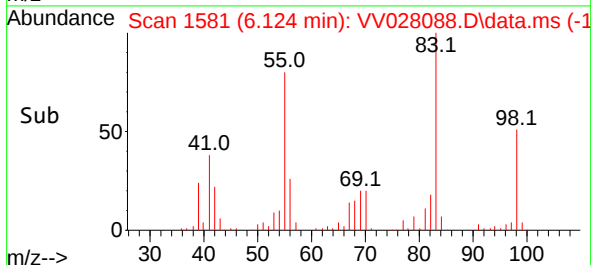
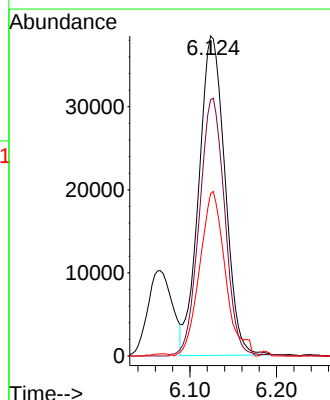
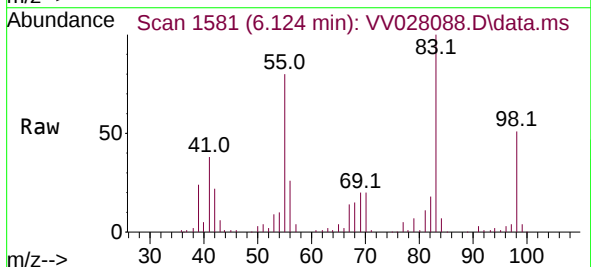
Tgt Ion: 83 Resp: 80729

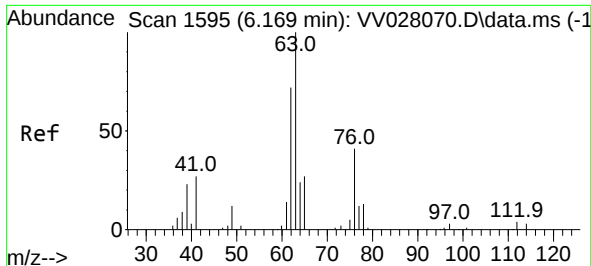
Ion Ratio Lower Upper

83 100

55 78.6 64.7 97.1

98 50.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.819 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

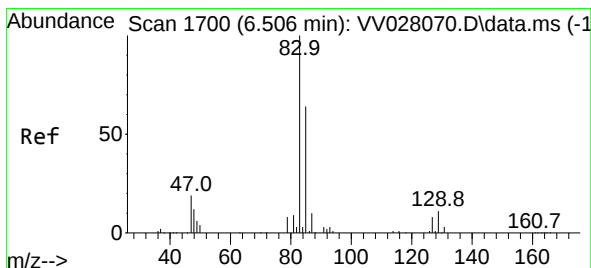
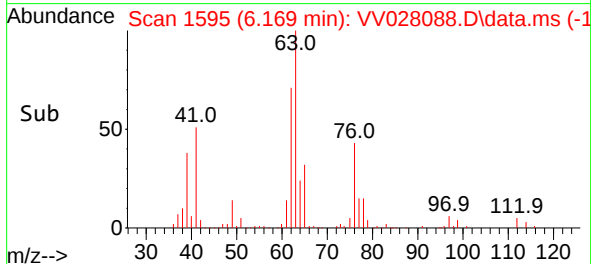
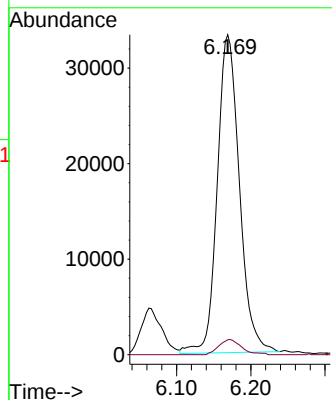
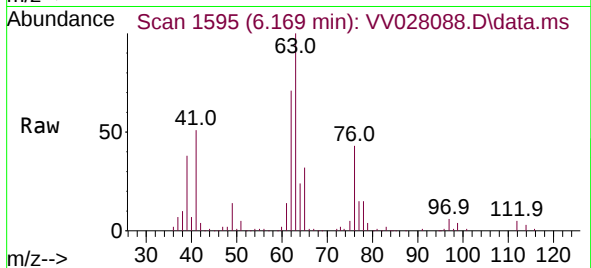
ClientSampleId :

Tgt Ion: 63 Resp: 69114

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 5.027 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

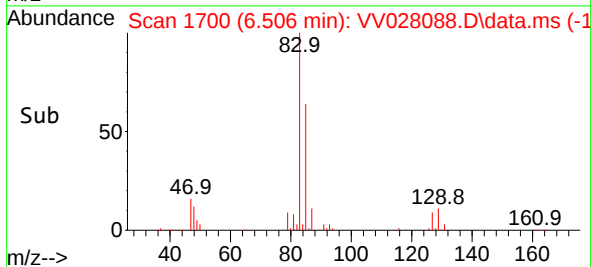
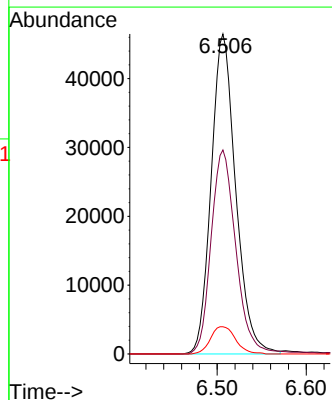
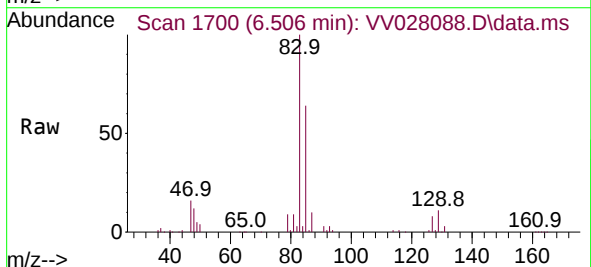
Tgt Ion: 83 Resp: 89014

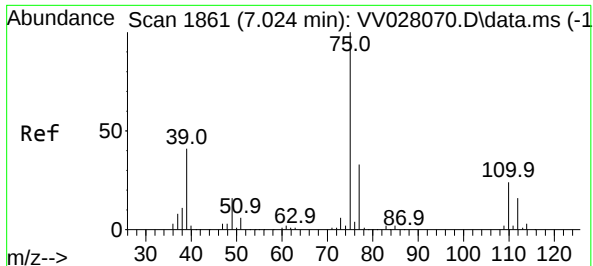
Ion Ratio Lower Upper

83 100

85 63.8 43.8 81.4

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.475 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

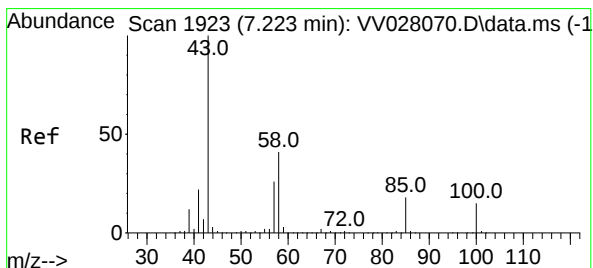
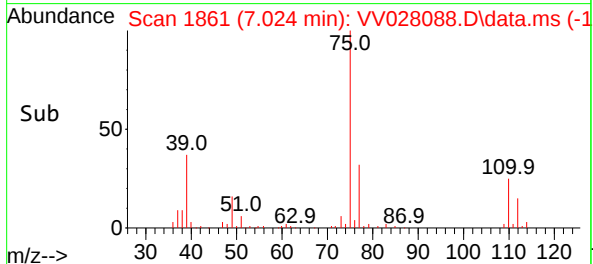
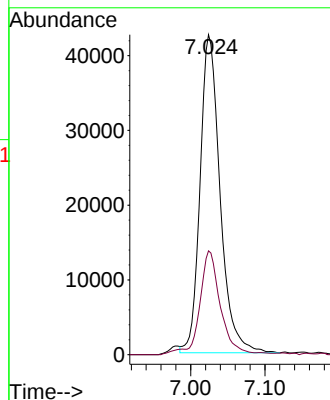
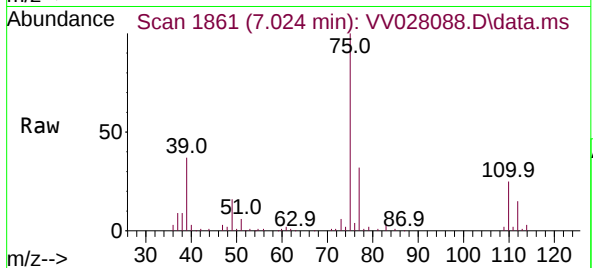
ClientSampleId :

Tgt Ion: 75 Resp: 79718

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 52.305 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

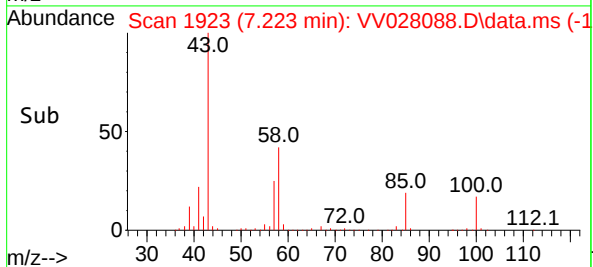
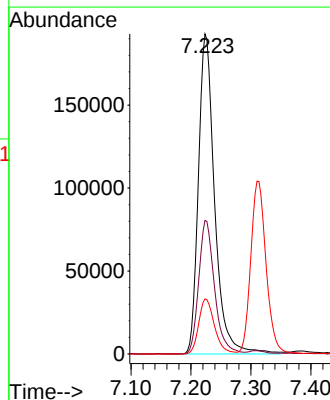
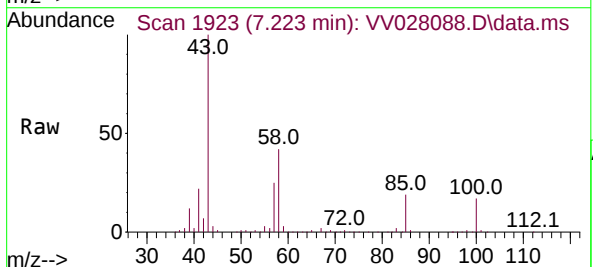
Tgt Ion: 43 Resp: 364295

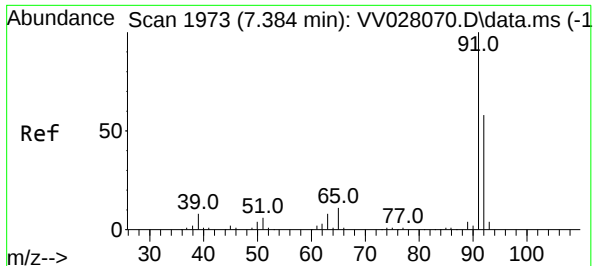
Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.4

100 16.7 12.7 19.1





#42

Toluene

Concen: 5.157 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

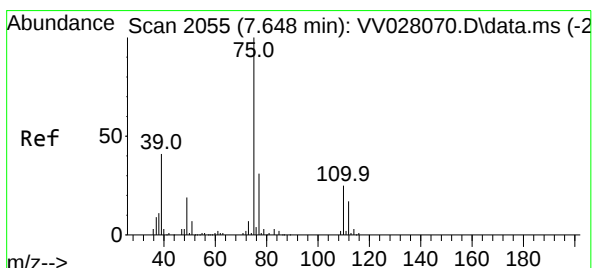
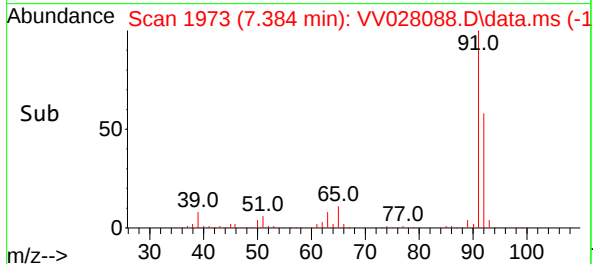
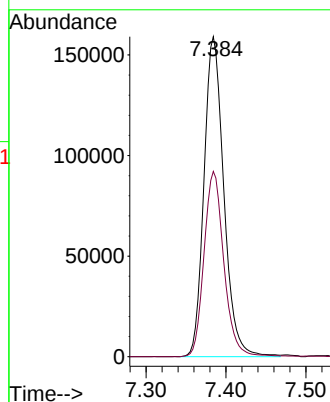
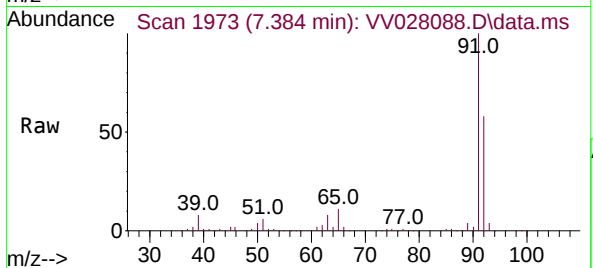
ClientSampleId :

Tgt Ion: 91 Resp: 275220

Ion Ratio Lower Upper

91 100

92 57.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.776 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028088.D

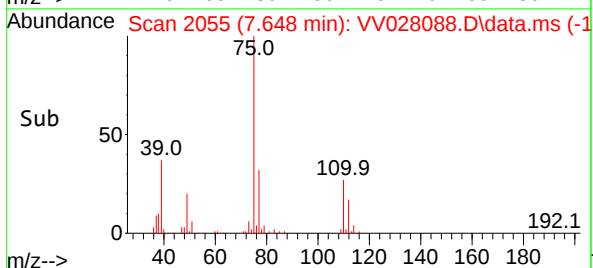
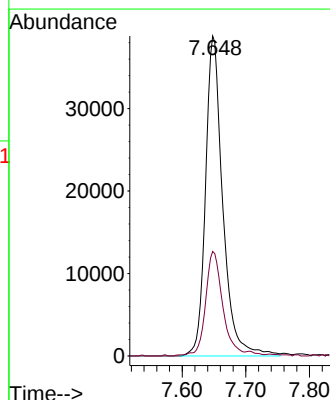
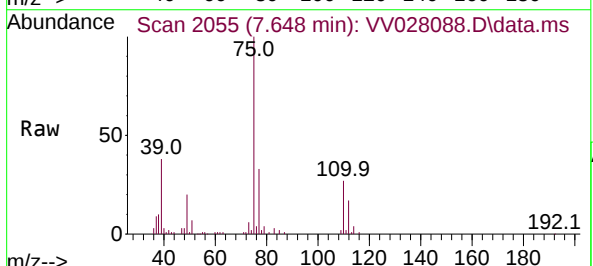
Acq: 23 Sep 2022 03:59

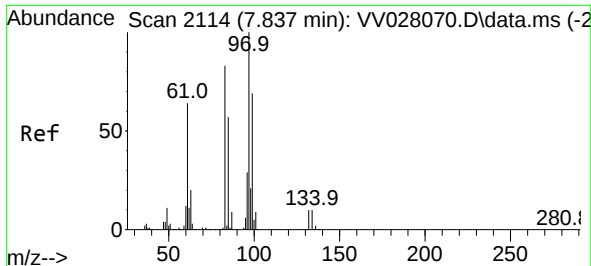
Tgt Ion: 75 Resp: 73173

Ion Ratio Lower Upper

75 100

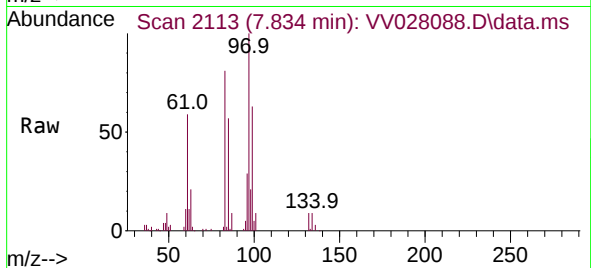
77 32.7 23.9 44.3



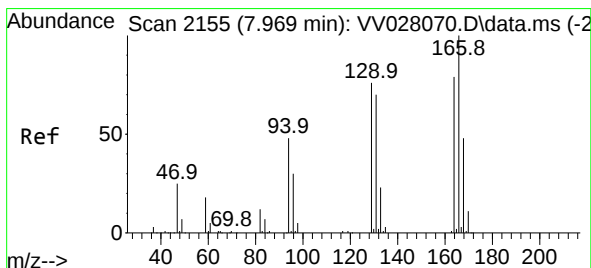
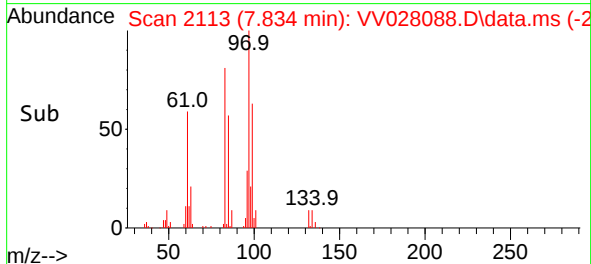
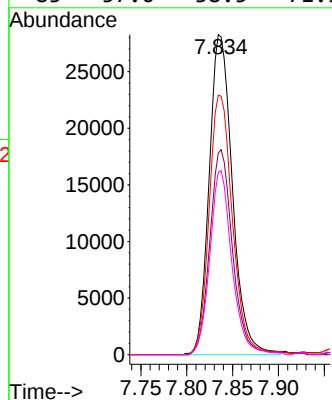


#45
1,1,2-Trichloroethane
Concen: 5.183 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Instrument :
MSVOA_V
ClientSampleId :

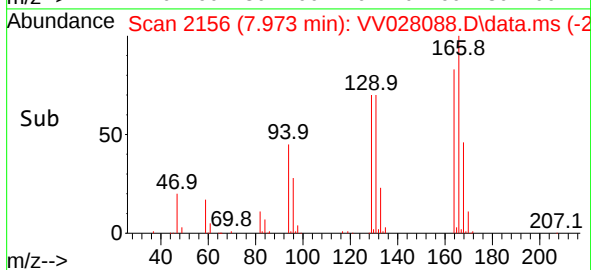
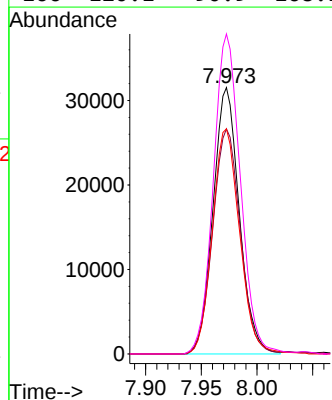
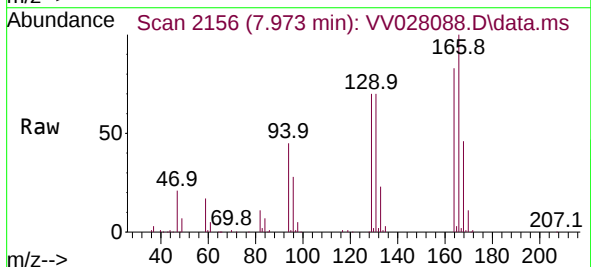


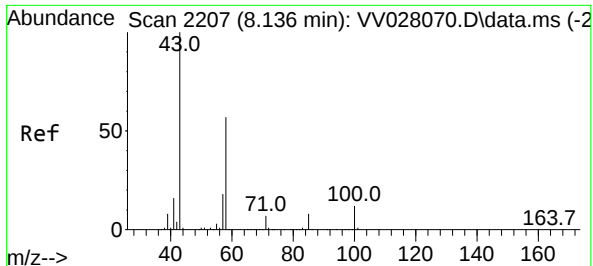
Tgt Ion: 97	Resp: 49825
Ion Ratio	Lower Upper
97 100	
99 63.0	43.2 80.2
83 81.1	59.1 109.9
85 57.0	38.5 71.5



#47
Tetrachloroethene
Concen: 5.088 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion:164	Resp: 51724
Ion Ratio	Lower Upper
164 100	
129 84.5	66.7 123.9
131 84.5	61.7 114.5
166 120.1	90.9 168.9





#48

2-Hexanone

Concen: 51.535 ug/L

RT: 8.137 min Scan# 21

Delta R.T. 0.000 min

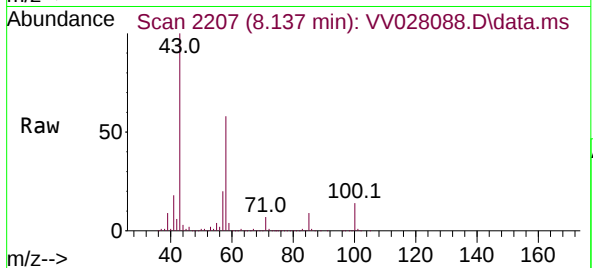
Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 272479

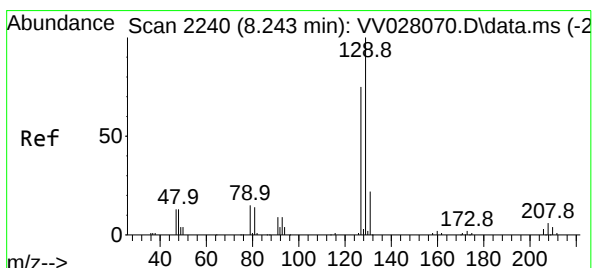
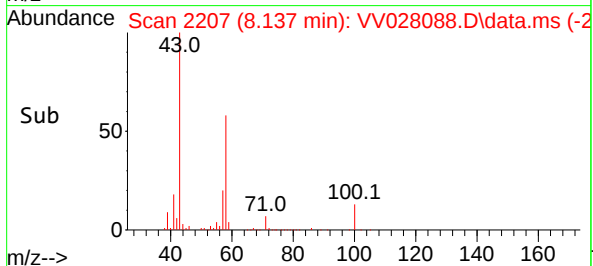
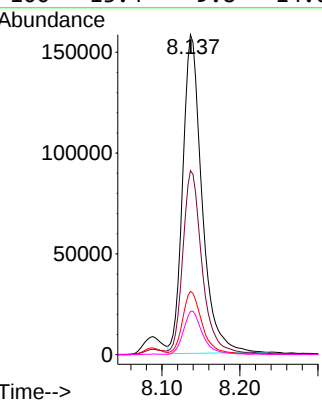
Ion Ratio Lower Upper

43 100

58 56.3 45.7 68.5

57 19.9 15.5 23.3

100 13.4 9.8 14.6



#49

Dibromochloromethane

Concen: 5.189 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV028088.D

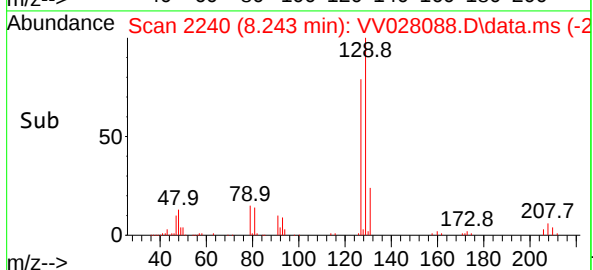
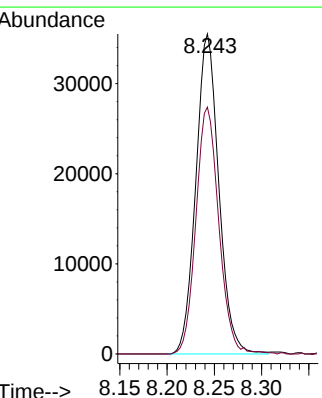
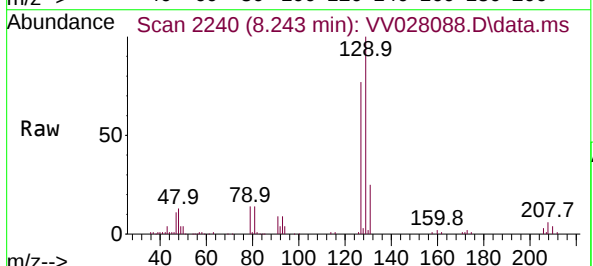
Acq: 23 Sep 2022 03:59

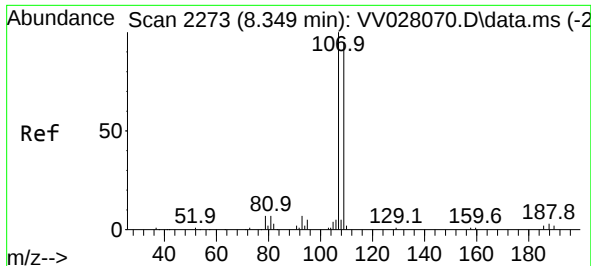
Tgt Ion: 129 Resp: 59984

Ion Ratio Lower Upper

129 100

127 77.2 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.039 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

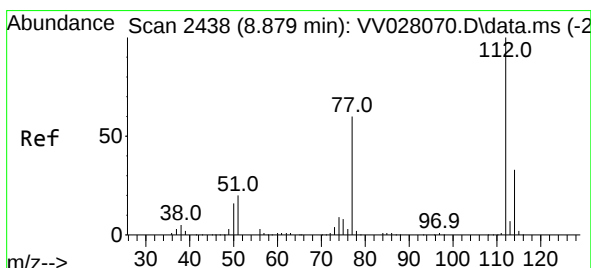
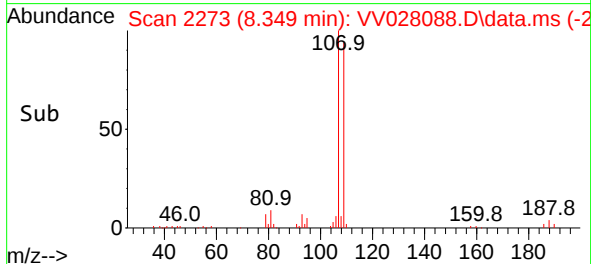
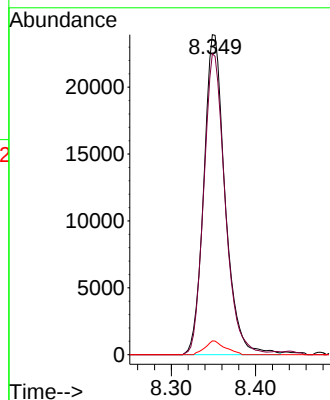
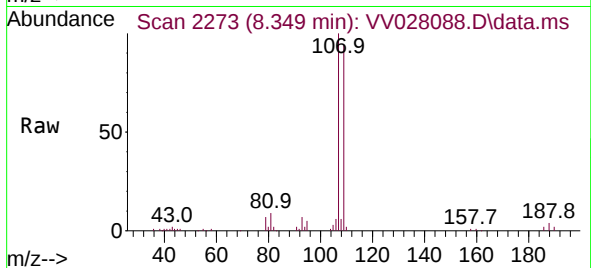
Tgt Ion:107 Resp: 42099

Ion Ratio Lower Upper

107 100

109 94.0 65.9 122.5

188 4.3 3.4 5.0



#51

Chlorobenzene

Concen: 5.023 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

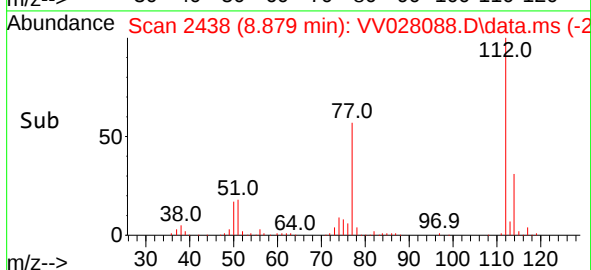
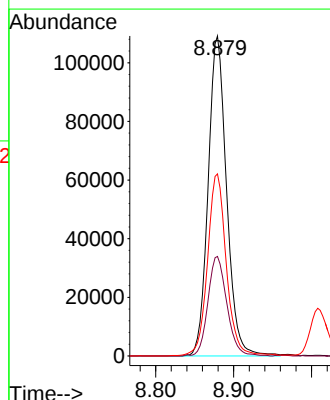
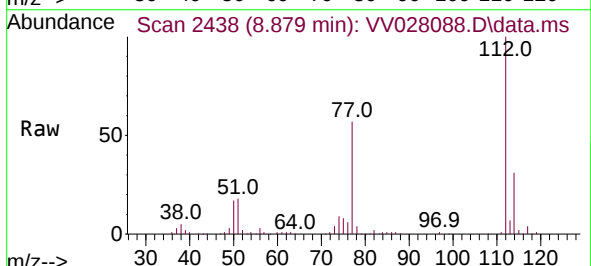
Tgt Ion:112 Resp: 179795

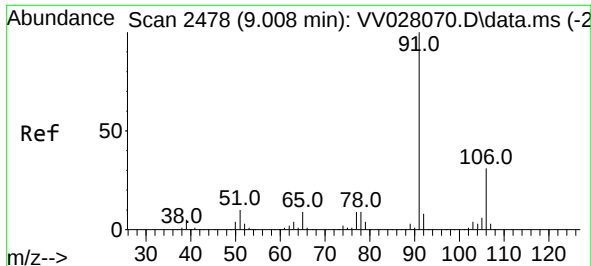
Ion Ratio Lower Upper

112 100

114 31.1 22.5 41.7

77 56.9 46.1 69.1

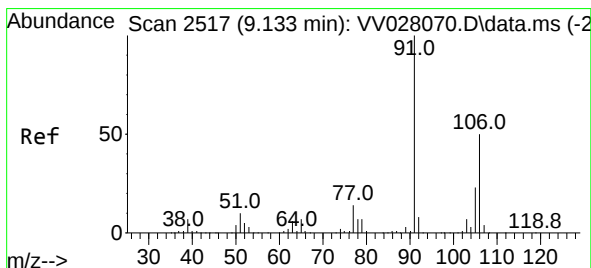
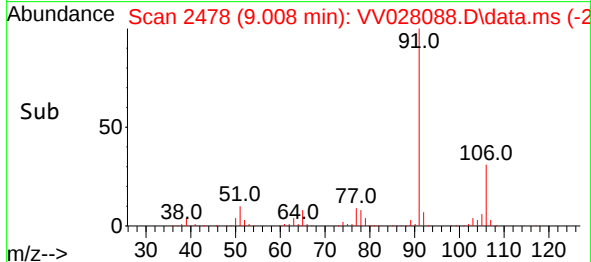
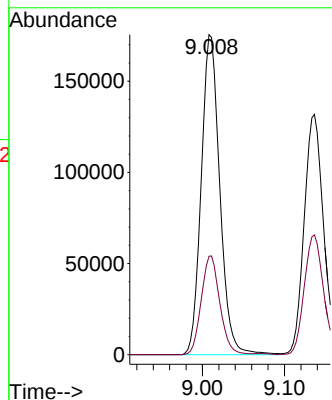
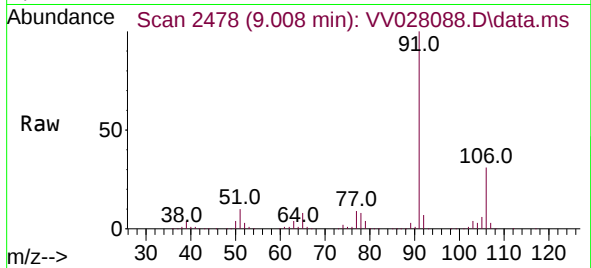




#52
Ethylbenzene
Concen: 4.884 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

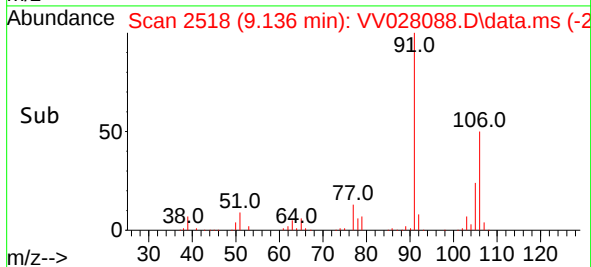
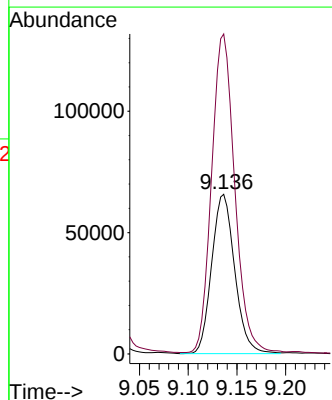
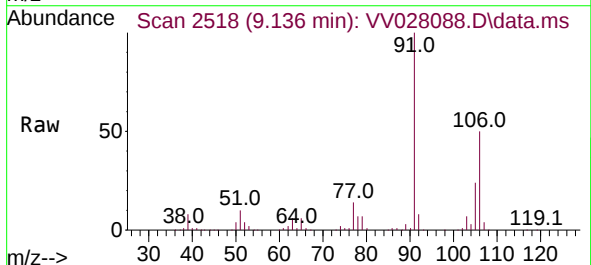
Instrument :
MSVOA_V
ClientSampleId :

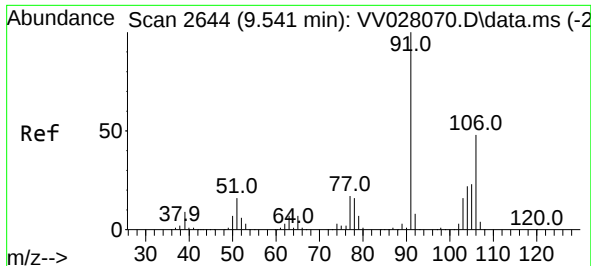
Tgt Ion: 91 Resp: 275713
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 4.991 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion: 106 Resp: 107977
Ion Ratio Lower Upper
106 100
91 200.4 141.9 263.5

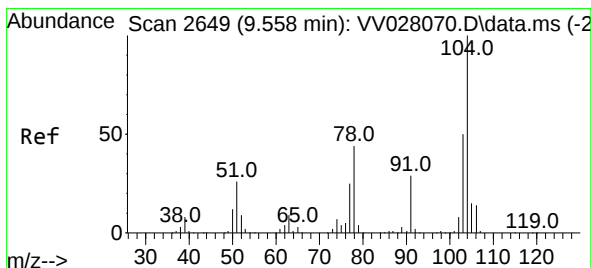
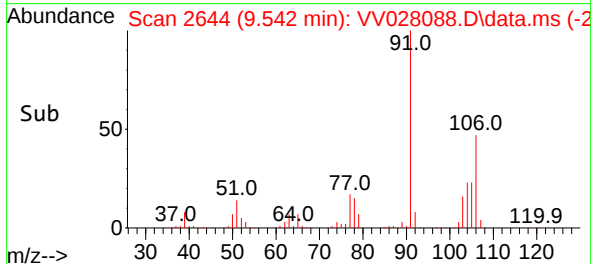
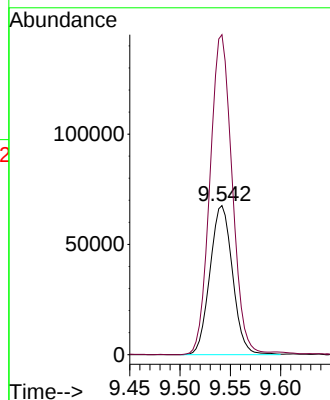
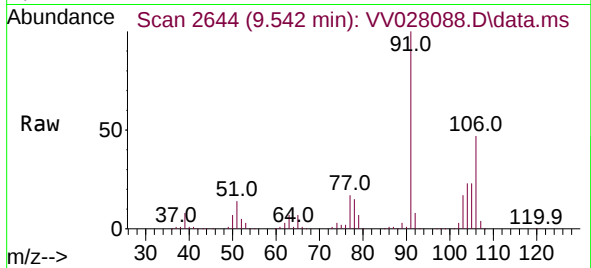




#54
o-Xylene
Concen: 4.950 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

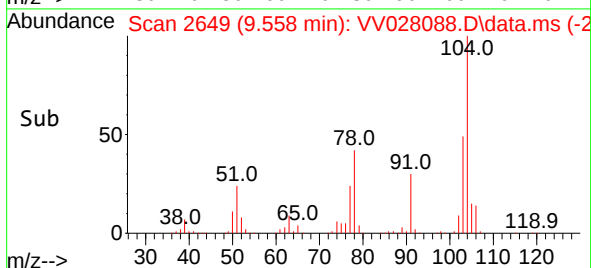
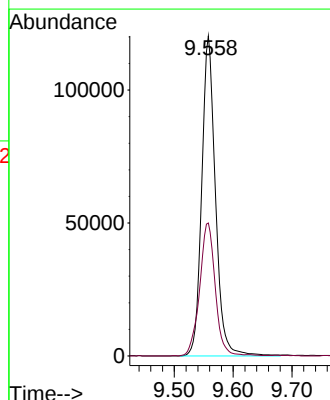
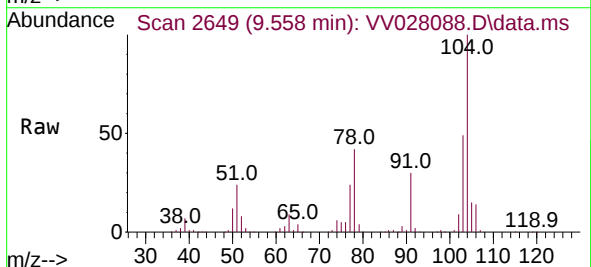
Instrument :
MSVOA_V
ClientSampleId :

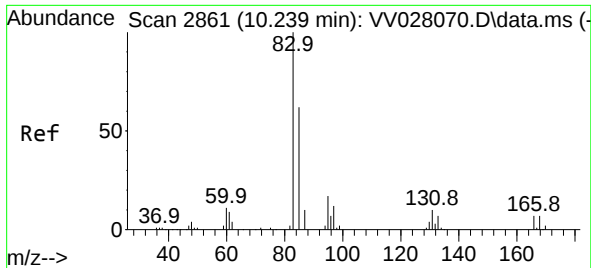
Tgt Ion:106 Resp: 105753
Ion Ratio Lower Upper
106 100
91 214.6 148.1 275.0



#55
Styrene
Concen: 5.269 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion:104 Resp: 195059
Ion Ratio Lower Upper
104 100
78 41.5 31.0 57.6

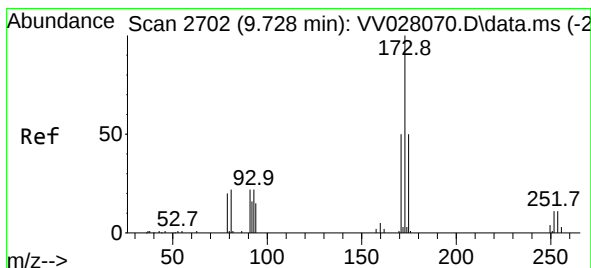
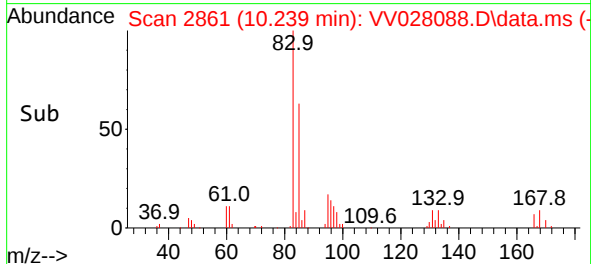
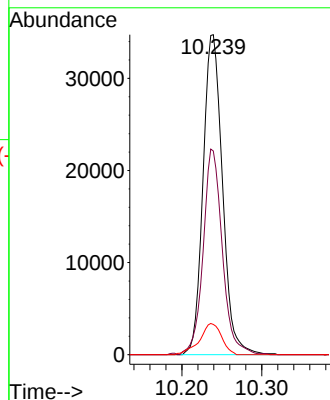
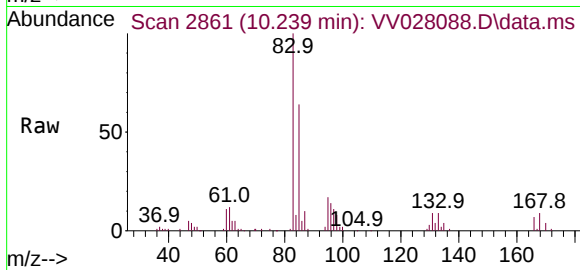




#57
1,1,2,2-Tetrachloroethane
Concen: 5.254 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

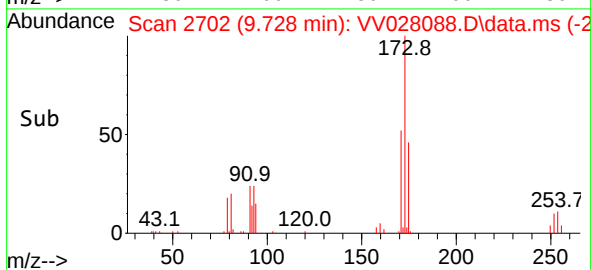
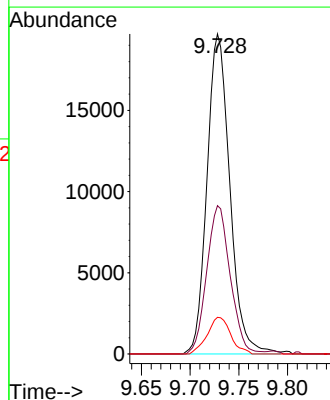
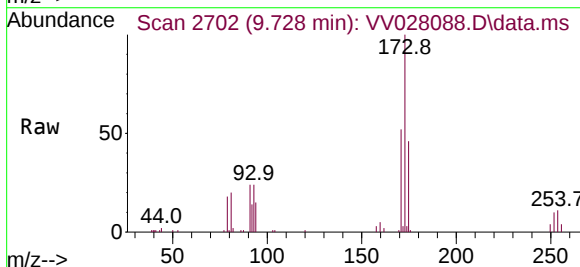
Instrument :
MSVOA_V
ClientSampleId :

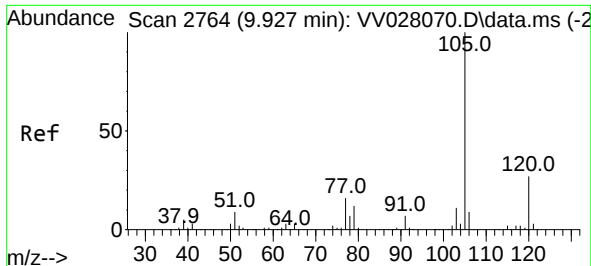
Tgt Ion: 83 Resp: 58855
Ion Ratio Lower Upper
83 100
85 63.7 45.2 84.0
131 9.4 7.8 11.8



#59
Bromoform
Concen: 5.125 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion: 173 Resp: 32132
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 11.8 8.7 13.1

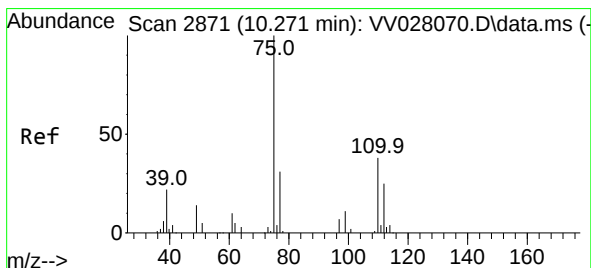
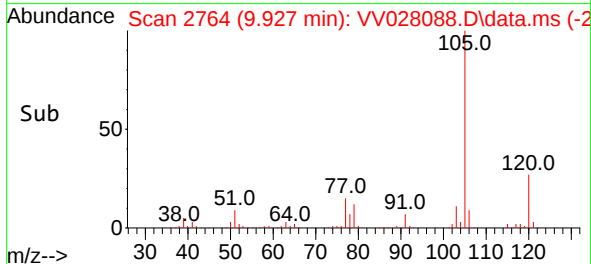
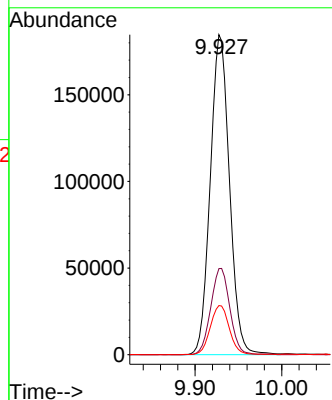
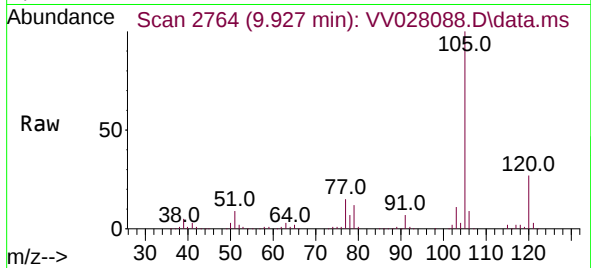




#60
Isopropylbenzene
Concen: 4.909 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

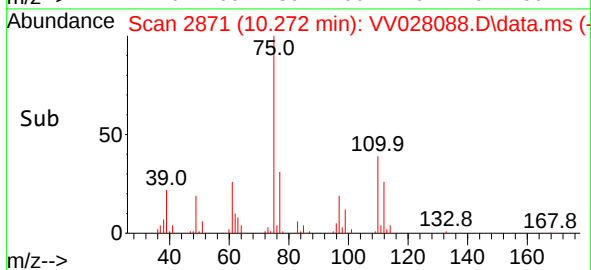
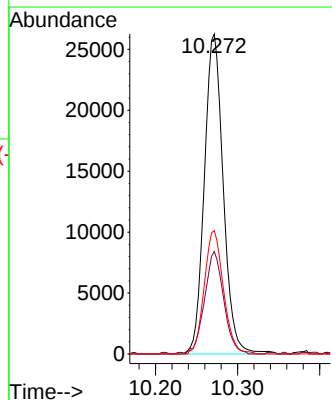
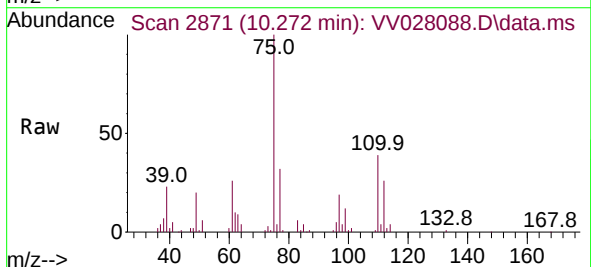
Instrument :
MSVOA_V
ClientSampleId :

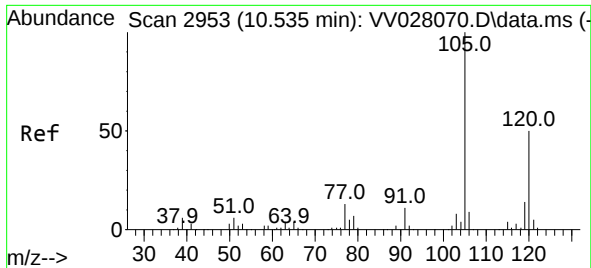
Tgt Ion:105 Resp: 284537
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.077 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion: 75 Resp: 42046
Ion Ratio Lower Upper
75 100
77 32.3 26.7 40.1
110 39.2 30.1 45.1

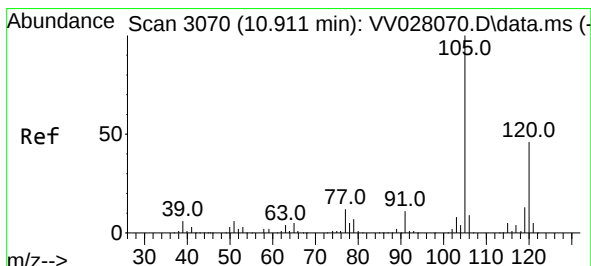
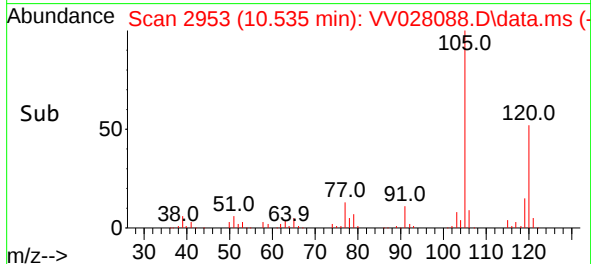
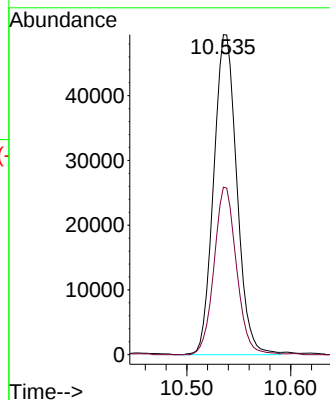
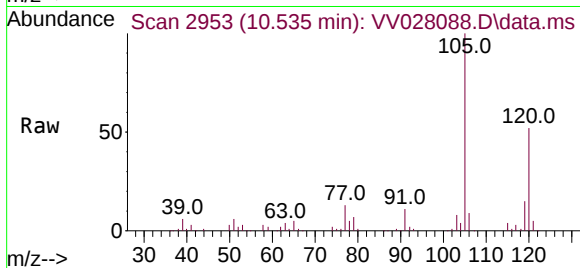




#62
 1,3,5-Trimethylbenzene
 Concen: 4.687 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV028088.D
 Acq: 23 Sep 2022 03:59

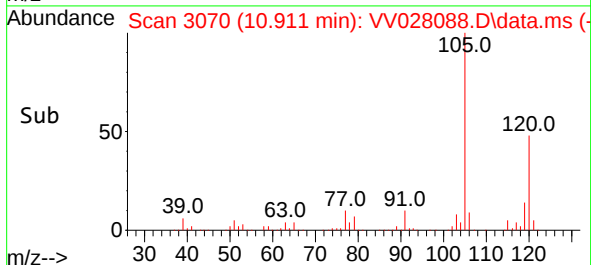
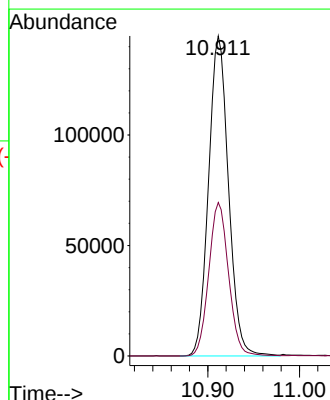
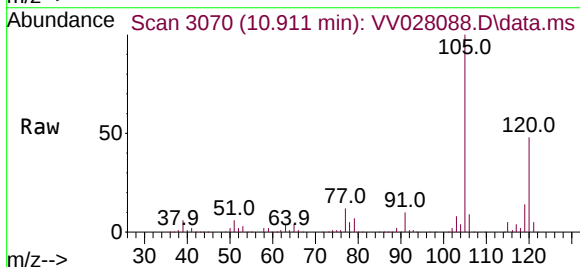
Instrument :
 MSVOA_V
 ClientSampleId :

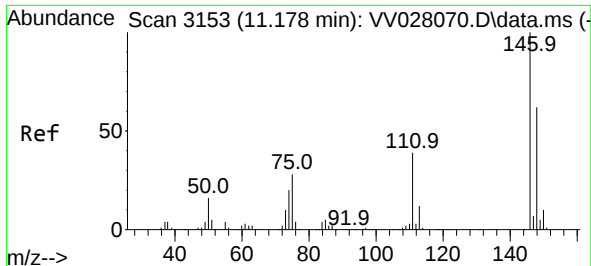
Tgt Ion:105 Resp: 76512
 Ion Ratio Lower Upper
 105 100
 120 50.8 40.6 61.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.791 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV028088.D
 Acq: 23 Sep 2022 03:59

Tgt Ion:105 Resp: 218640
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.8 56.8

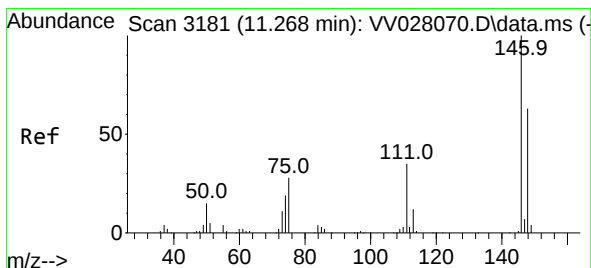
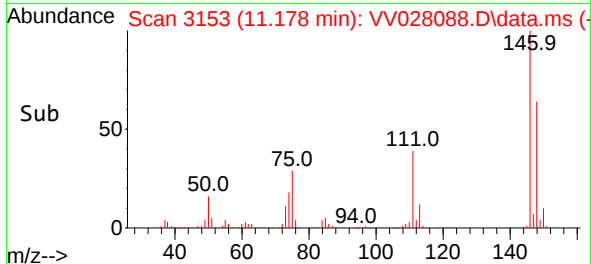
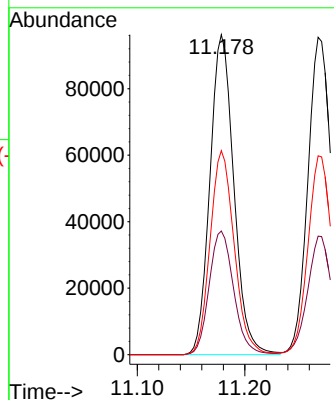
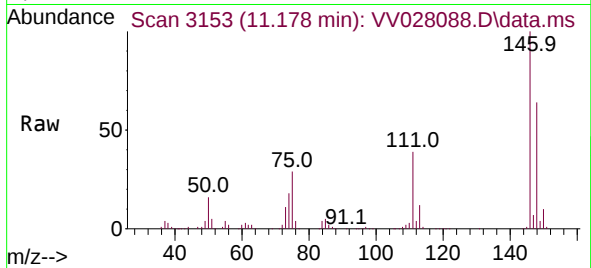




#64
1,3-Dichlorobenzene
Concen: 5.160 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

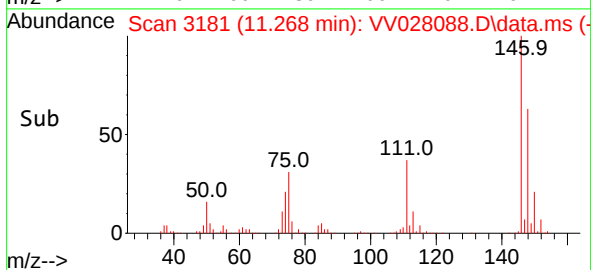
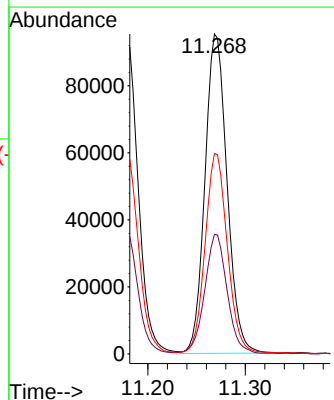
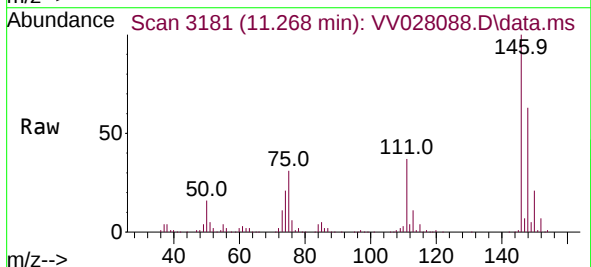
Instrument :
MSVOA_V
ClientSampleId :

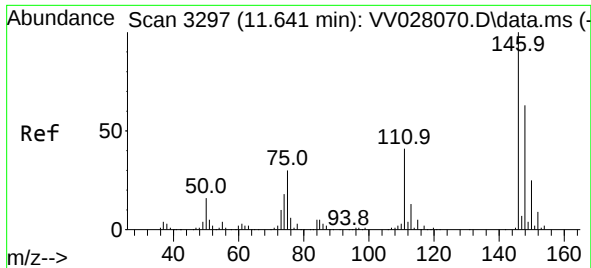
Tgt Ion:146 Resp: 148813
Ion Ratio Lower Upper
146 100
111 38.7 27.1 50.3
148 63.8 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.209 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion:146 Resp: 150311
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 62.6 45.8 85.2

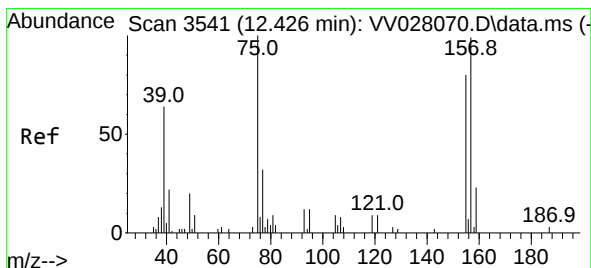
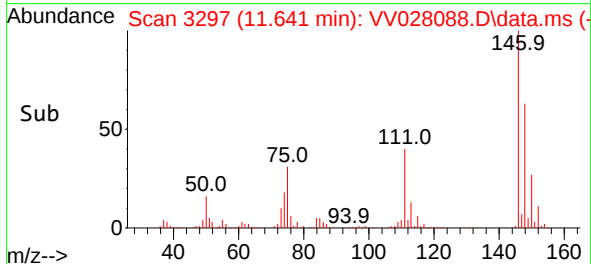
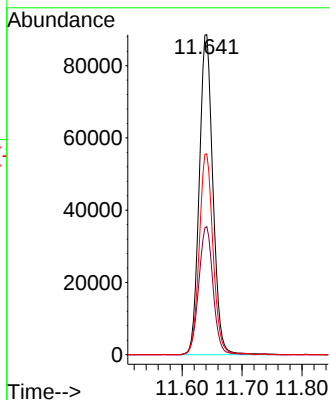
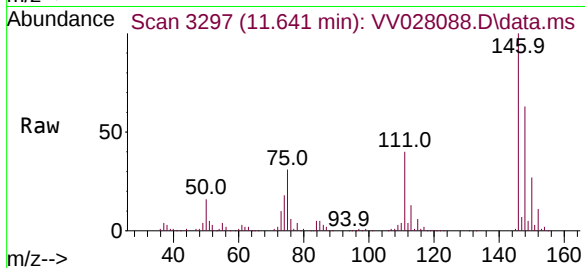




#67
1,2-Dichlorobenzene
Concen: 5.159 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

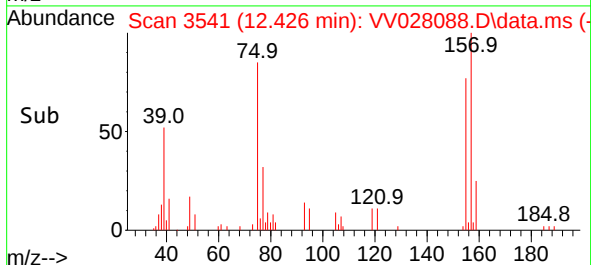
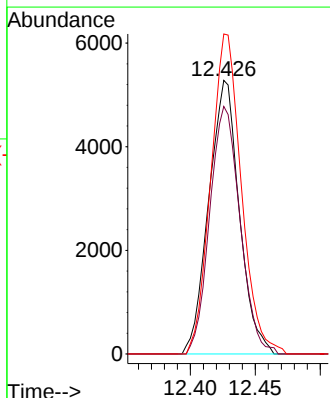
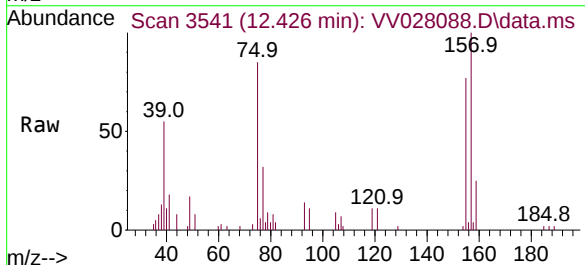
Instrument :
MSVOA_V
ClientSampleId :

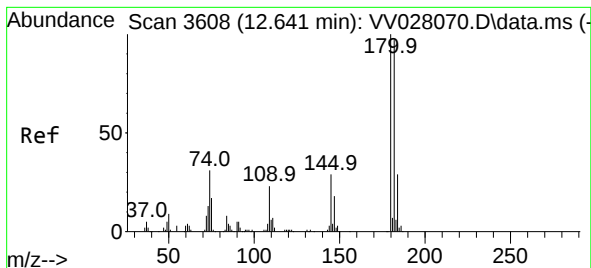
Tgt Ion:146 Resp: 140539
Ion Ratio Lower Upper
146 100
111 40.0 32.6 49.0
148 62.7 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.742 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV028088.D
Acq: 23 Sep 2022 03:59

Tgt Ion: 75 Resp: 8609
Ion Ratio Lower Upper
75 100
155 90.5 73.6 110.4
157 117.0 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 5.036 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

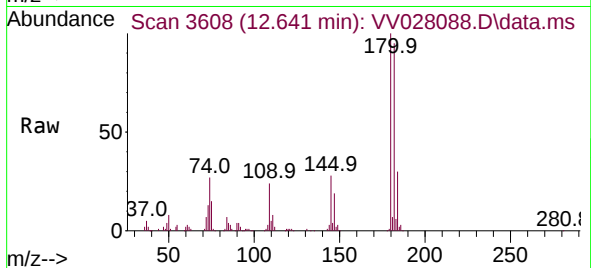
Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 114947

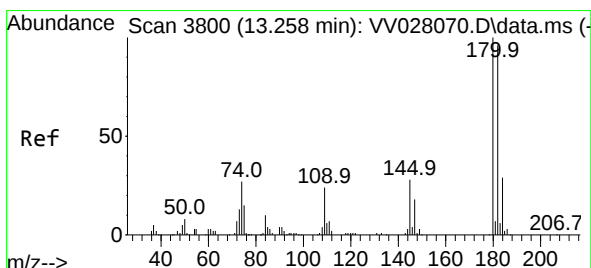
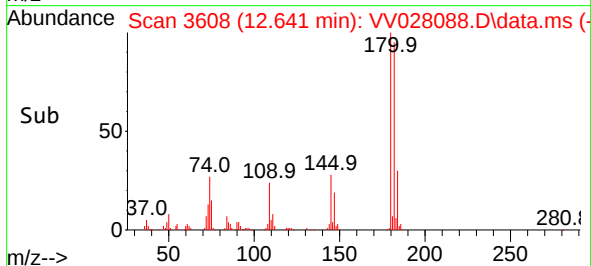
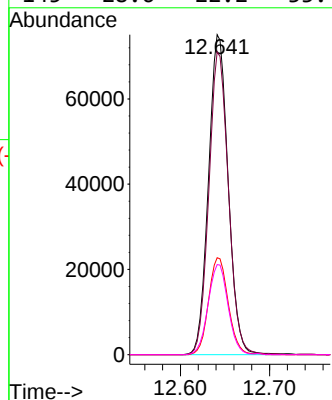
Ion Ratio Lower Upper

180 100

182 94.2 75.5 113.3

184 30.3 23.7 35.5

145 28.6 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 4.991 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

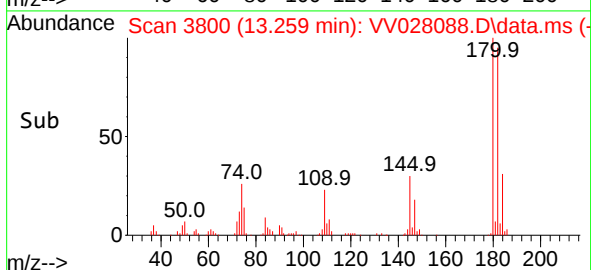
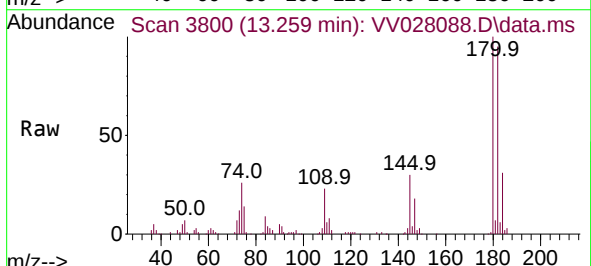
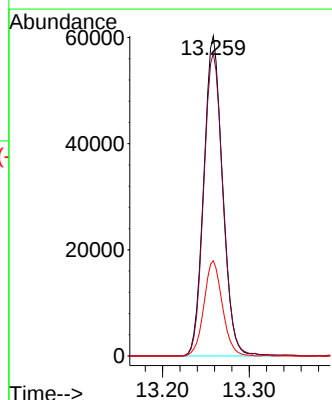
Tgt Ion:180 Resp: 91110

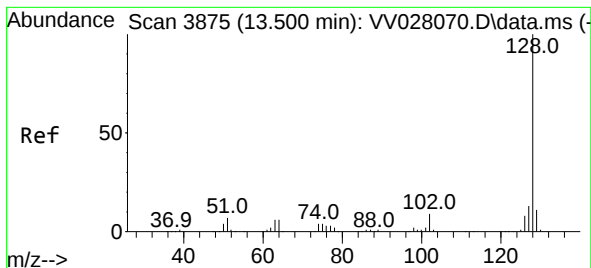
Ion Ratio Lower Upper

180 100

182 96.5 76.3 114.5

145 29.1 22.9 34.3





#71

Naphthalene

Concen: 4.615 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Instrument :

MSVOA_V

ClientSampleId :

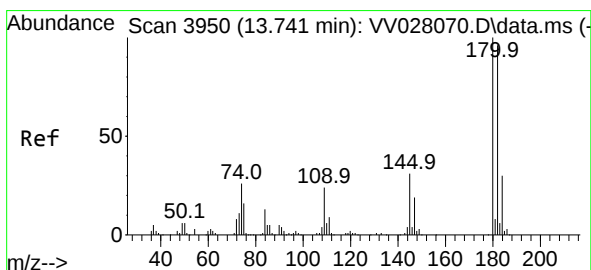
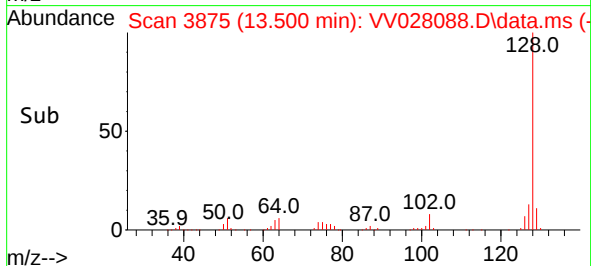
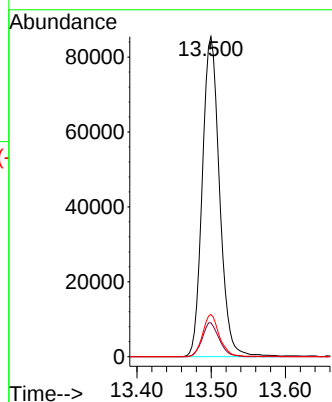
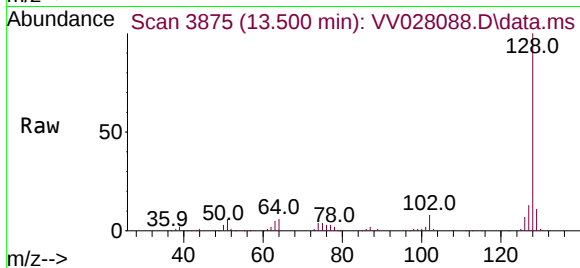
Tgt Ion:128 Resp: 137960

Ion Ratio Lower Upper

128 100

129 10.4 8.2 12.2

127 12.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.018 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV028088.D

Acq: 23 Sep 2022 03:59

Tgt Ion:180 Resp: 82855

Ion Ratio Lower Upper

180 100

182 92.6 77.4 116.0

145 31.3 24.6 36.8

