

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023003.D
 Acq On : 23 Oct 2021 11:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 00:59:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	138823	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	134268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50901	4.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.571	69	35937	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.111	63	71752	4.100	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.947	46	101370	52.093	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.180%
24) Chloroform-d	4.346	84	96070	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.040	65	42015	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.047	84	187131	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.088	67	56989	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.326	98	177087	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.635	79	20144	4.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.104	63	71429	45.631	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.260%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	38090	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	58719	4.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42153	4.786	ug/L	98
3) Chloromethane	1.240	50	44435	4.668	ug/L	96
5) Vinyl chloride	1.310	62	46619	4.742	ug/L	100
6) Bromomethane	1.526	94	25772	5.188	ug/L	96
8) Chloroethane	1.590	64	26970	5.246	ug/L	98
9) Trichlorofluoromethane	1.757	101	67030	5.052	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	34932	4.617	ug/L	99
12) 1,1-Dichloroethene	2.121	96	30201	4.249	ug/L	95
13) Acetone	2.227	43	20751	21.735	ug/L	87
14) Carbon disulfide	2.294	76	95621	4.940	ug/L	99
15) Methyl Acetate	2.458	43	17718	4.879	ug/L #	83
16) Methylene chloride	2.510	84	41581	5.327	ug/L	91
17) Methyl tert-butyl Ether	2.783	73	87672	5.167	ug/L	95
18) trans-1,2-Dichloroethene	2.754	96	41362	5.451	ug/L	94
19) 1,1-Dichloroethane	3.182	63	76799	5.509	ug/L	99
21) 2-Butanone	4.034	43	99798	53.396	ug/L #	72
22) cis-1,2-Dichloroethene	3.902	96	45135	5.246	ug/L #	96
23) Bromochloromethane	4.243	128	21343	5.465	ug/L	93
25) Chloroform	4.371	83	88706	4.815	ug/L	95

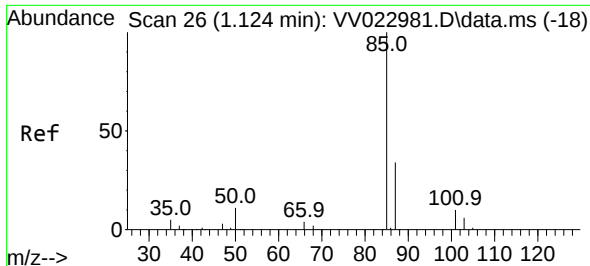
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	44077	4.537	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	73452	4.841	ug/L	99
30) Cyclohexane	4.661	56	61056	4.609	ug/L	99
31) Carbon tetrachloride	4.815	117	64941	4.974	ug/L	96
33) Benzene	5.095	78	178278	4.934	ug/L	100
34) Trichloroethene	5.918	95	45266	4.987	ug/L	99
35) Methylcyclohexane	6.140	83	63468	4.883	ug/L	99
37) 1,2-Dichloropropane	6.194	63	43021	4.724	ug/L	98
38) Bromodichloromethane	6.526	83	54631	4.863	ug/L	99
39) cis-1,3-Dichloropropene	7.040	75	54617	4.816	ug/L	98
40) 4-Methyl-2-pentanone	7.249	43	212221	49.499	ug/L	99
42) Toluene	7.397	91	191234	5.223	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	46482	4.955	ug/L	99
45) 1,1,2-Trichloroethane	7.850	97	30958	4.859	ug/L	97
47) Tetrachloroethene	7.982	164	38440	5.013	ug/L	96
48) 2-Hexanone	8.156	43	160980	50.580	ug/L	98
49) Dibromochloromethane	8.255	129	37059	4.889	ug/L	96
50) 1,2-Dibromoethane	8.362	107	28236	4.923	ug/L	96
51) Chlorobenzene	8.886	112	117778	4.897	ug/L	98
52) Ethylbenzene	9.017	91	181681	4.999	ug/L	99
53) m,p-xylene	9.143	106	73346	5.032	ug/L	99
54) o-xylene	9.548	106	68152	4.967	ug/L	99
55) Styrene	9.564	104	121169	5.114	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	33418	4.693	ug/L	100
59) Bromoform	9.734	173	19571	4.568	ug/L	98
60) Isopropylbenzene	9.934	105	182088	4.897	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23119	4.468	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	141115	4.725	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	145799	4.891	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97185	4.967	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	94141	4.736	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	86409	4.744	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4478	4.386	ug/L	85
69) 1,3,5-Trichlorobenzene	12.648	180	68910	4.625	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	52411	4.701	ug/L	100
71) Naphthalene	13.503	128	78200	4.613	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50015	4.832	ug/L	100

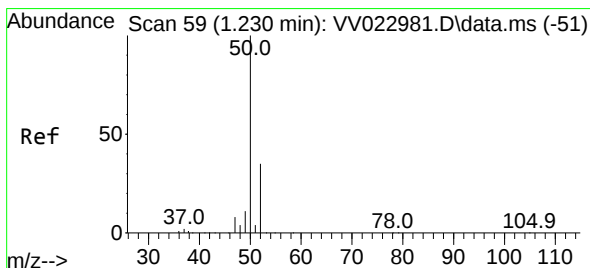
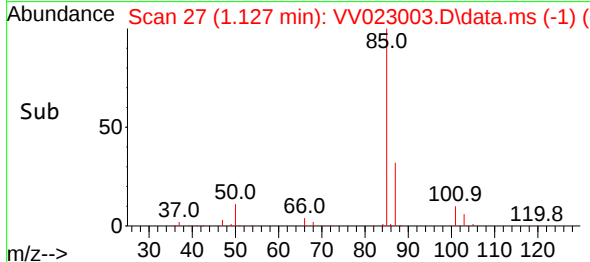
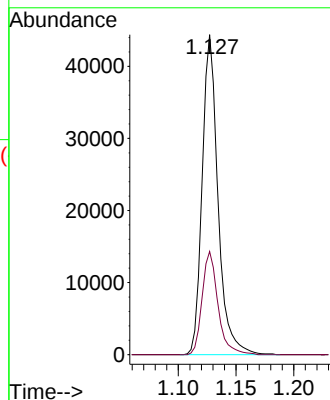
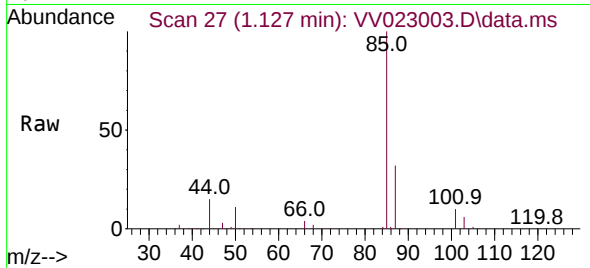
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.786 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

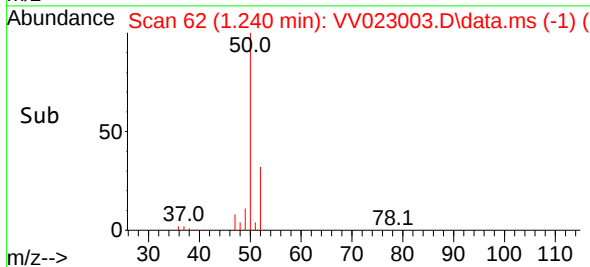
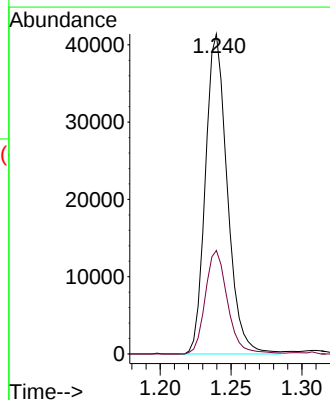
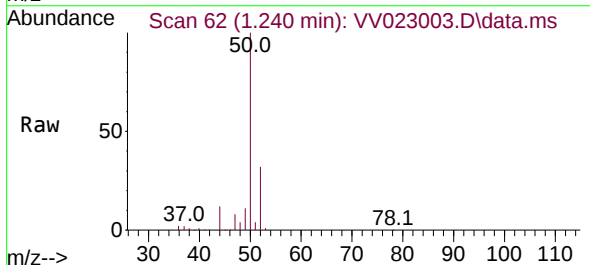
Instrument :
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 ClientSampleId :

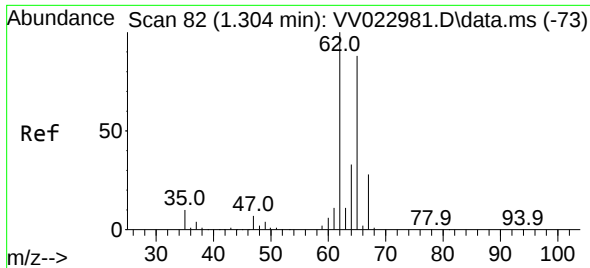
Tgt Ion: 85 Resp: 42153
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 39.8



#3
 Chloromethane
 Concen: 4.668 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

Tgt Ion: 50 Resp: 44435
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.3 45.1

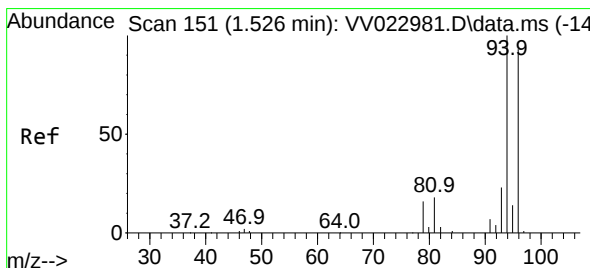
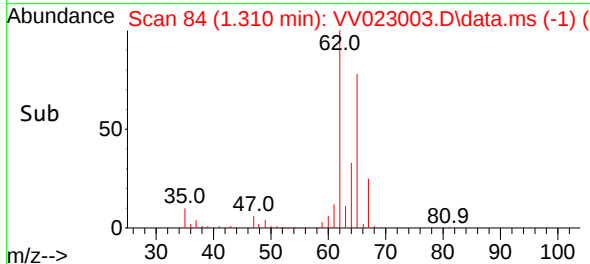
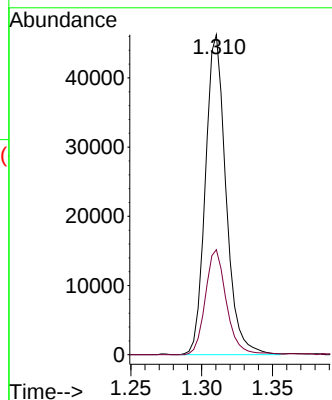
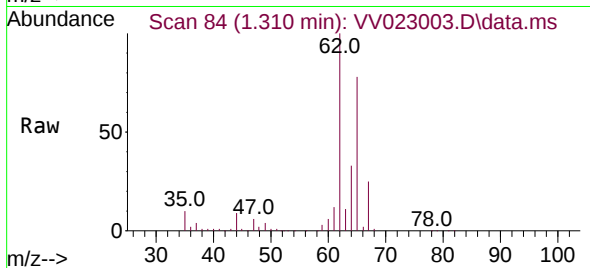




#5
 Vinyl chloride
 Concen: 4.742 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

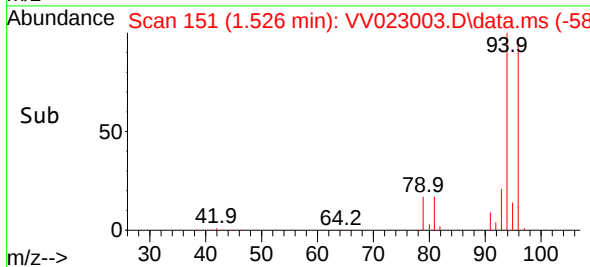
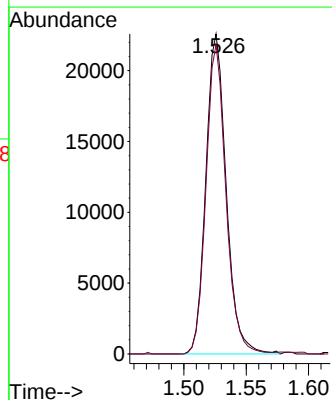
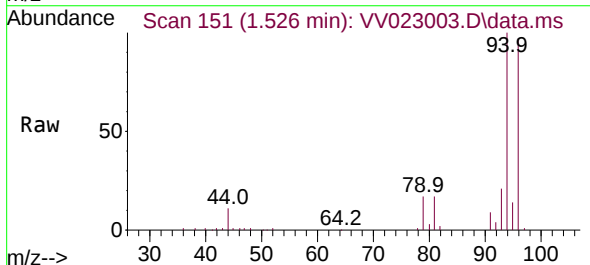
Instrument :
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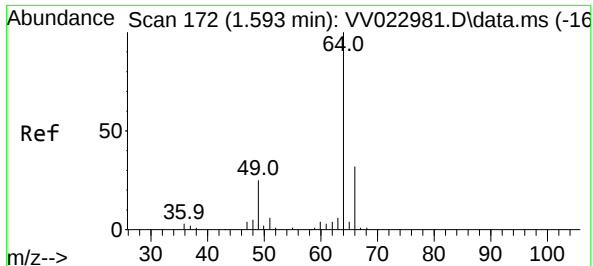
Tgt Ion: 62 Resp: 46619
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 5.188 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

Tgt Ion: 94 Resp: 25772
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.0 120.8

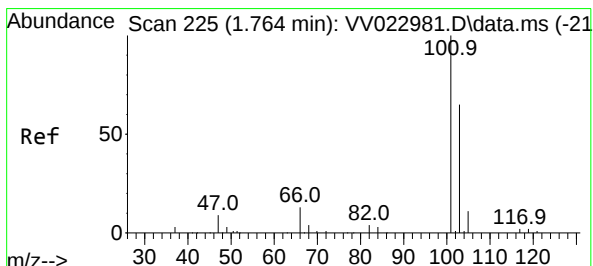
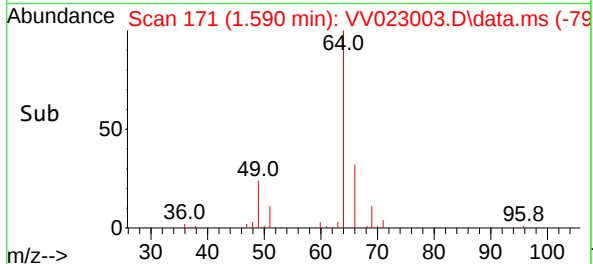
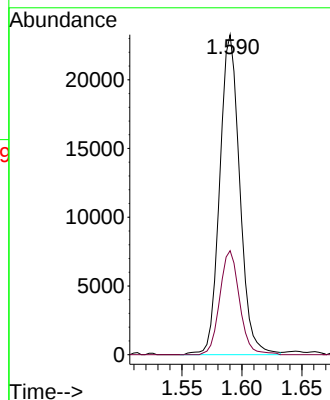
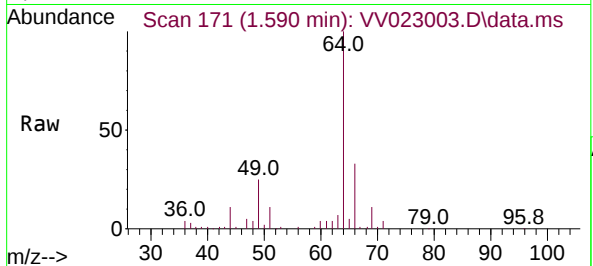




#8
Chloroethane
Concen: 5.246 ug/L
RT: 1.590 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

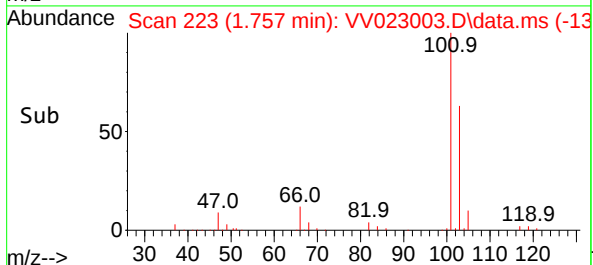
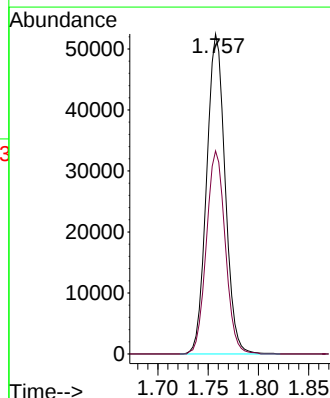
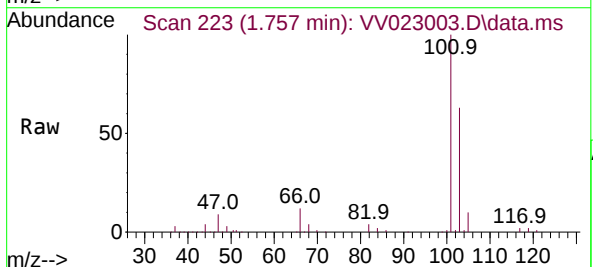
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ClientSampleId :

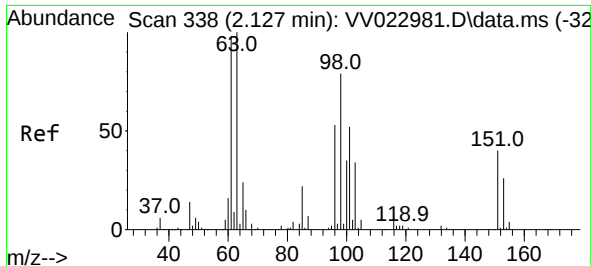
Tgt Ion: 64 Resp: 26970
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.052 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.006 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion:101 Resp: 67030
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

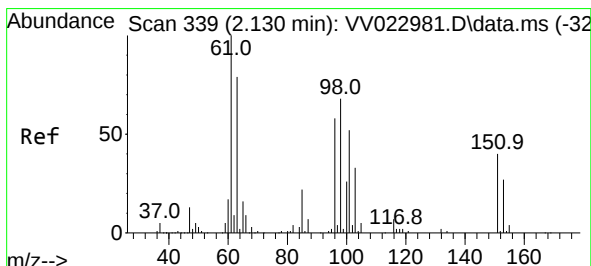
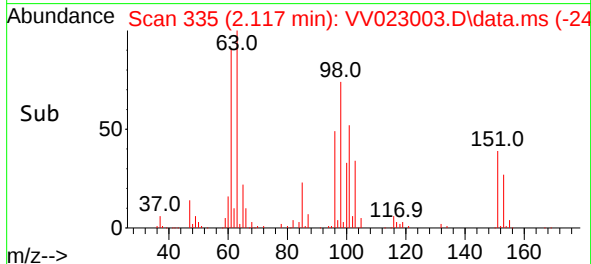
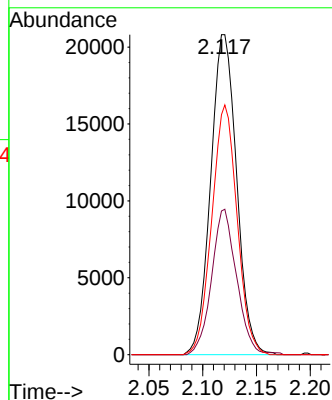
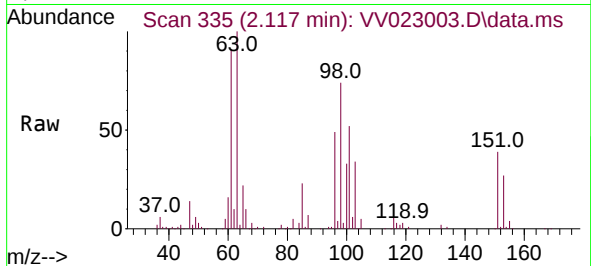




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.617 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.010 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

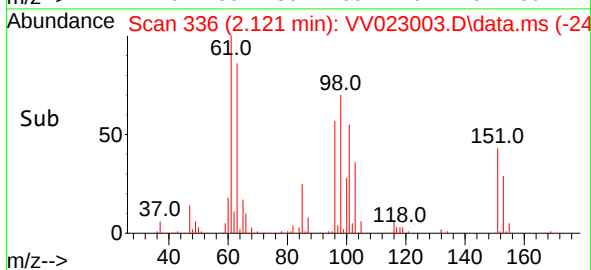
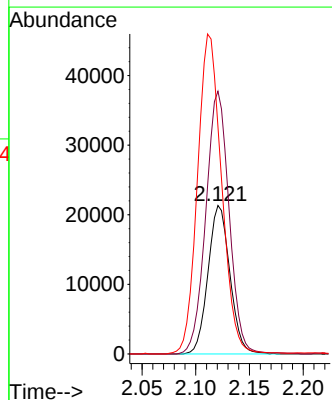
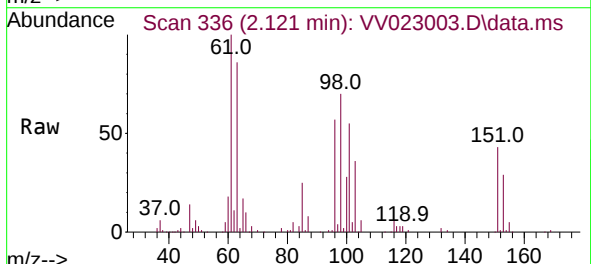
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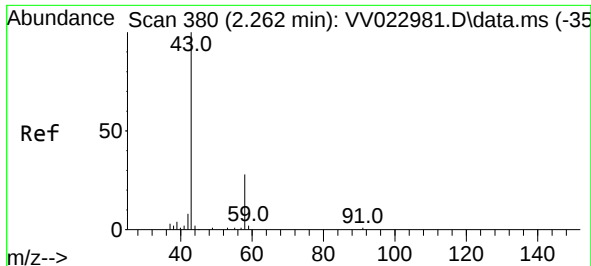
Tgt Ion:101 Resp: 34932
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.3 52.9
 151 76.1 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.249 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.010 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

Tgt Ion: 96 Resp: 30201
 Ion Ratio Lower Upper
 96 100
 61 176.9 121.5 225.7
 63 153.0 99.6 185.0

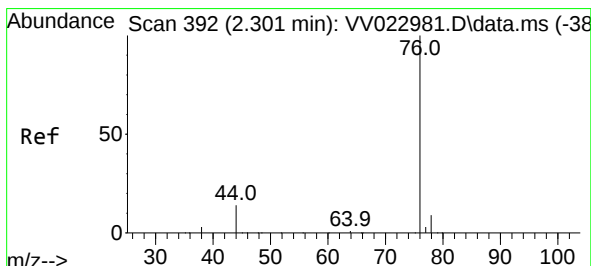
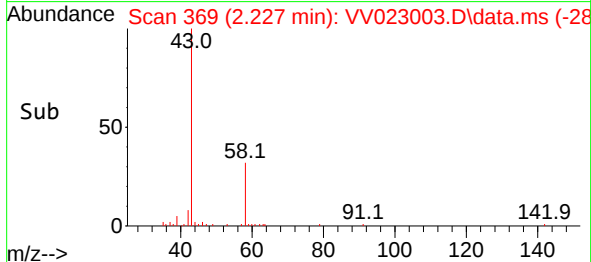
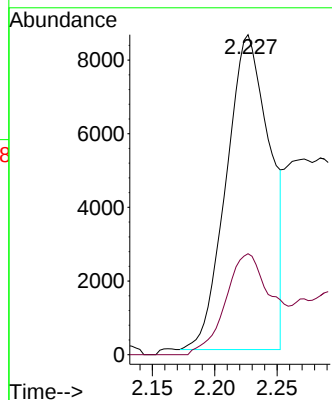
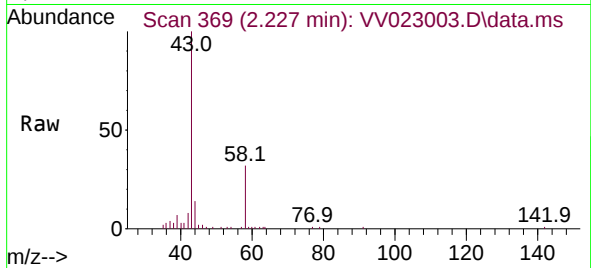




#13
Acetone
Concen: 21.735 ug/L
RT: 2.227 min Scan# 30
Delta R.T. -0.035 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

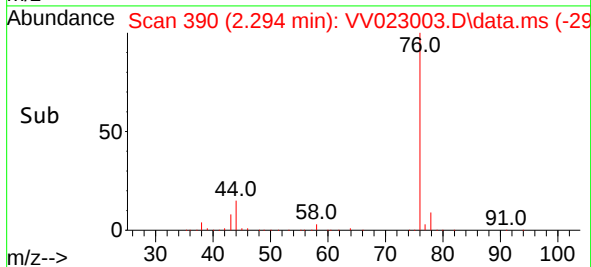
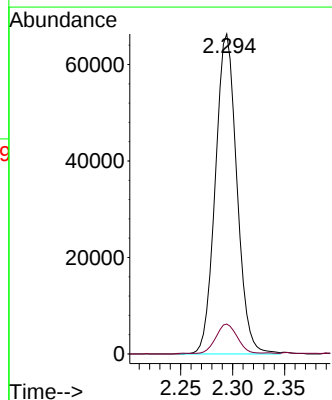
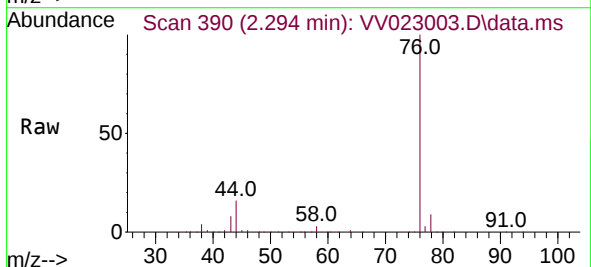
Instrument :
MSVOA_V
ClientSampleId :

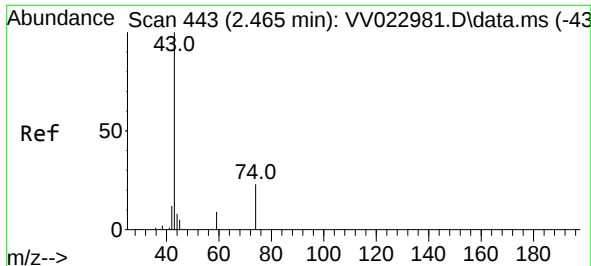
Tgt Ion: 43 Resp: 20751
Ion Ratio Lower Upper
43 100
58 34.4 0.0 55.4



#14
Carbon disulfide
Concen: 4.940 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.006 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion: 76 Resp: 95621
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

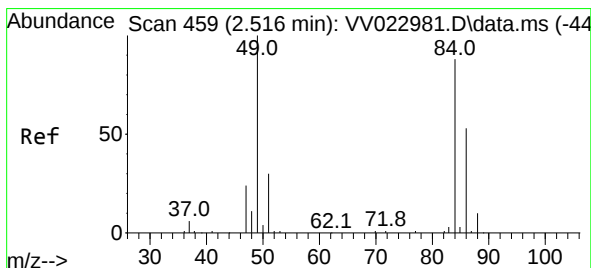
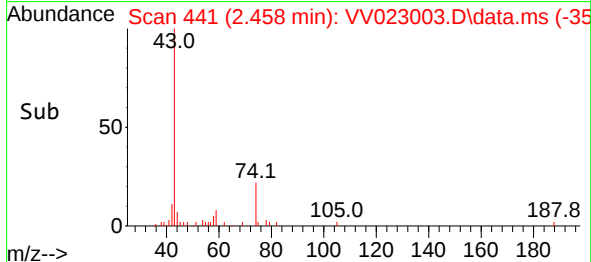
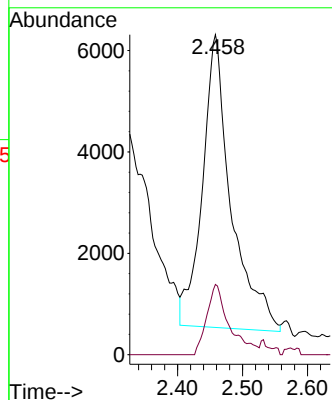
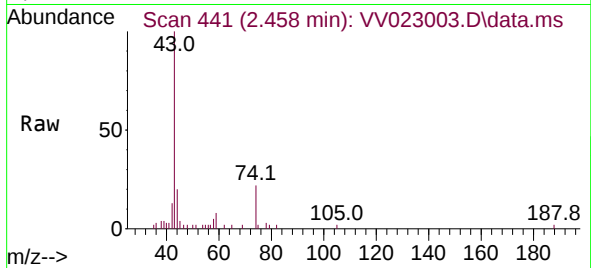




#15
Methyl Acetate
Concen: 4.879 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.006 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

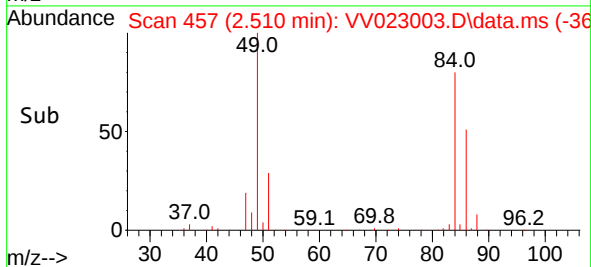
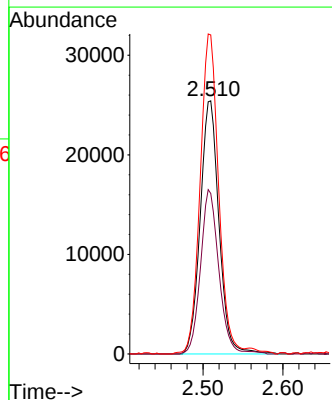
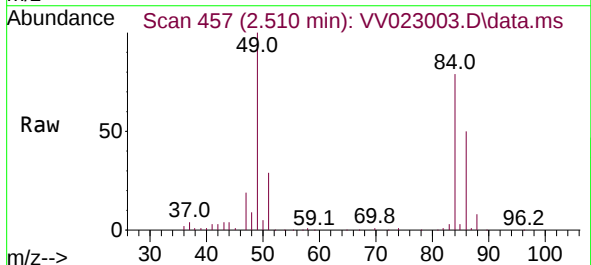
Instrument :
MSVOA_V
ClientSampleId :

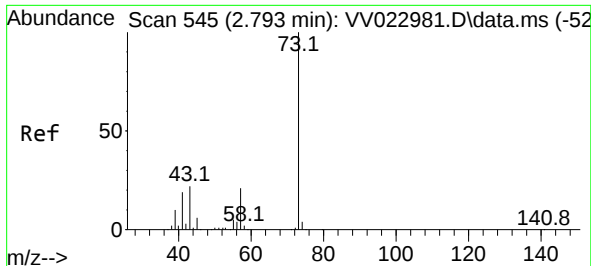
Tgt Ion: 43 Resp: 17718
Ion Ratio Lower Upper
43 100
74 18.9 22.2 33.2#



#16
Methylene chloride
Concen: 5.327 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.006 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion: 84 Resp: 41581
Ion Ratio Lower Upper
84 100
86 63.4 42.3 78.5
49 126.1 79.7 148.1

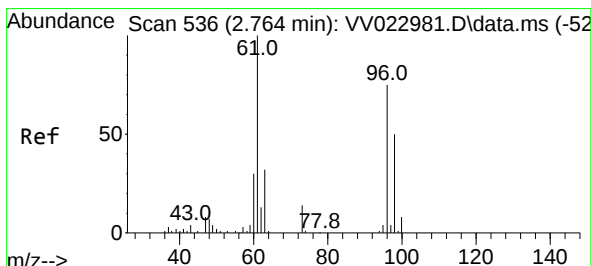
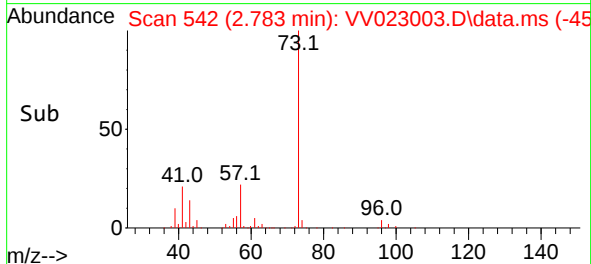
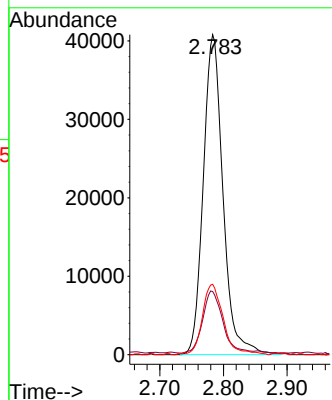
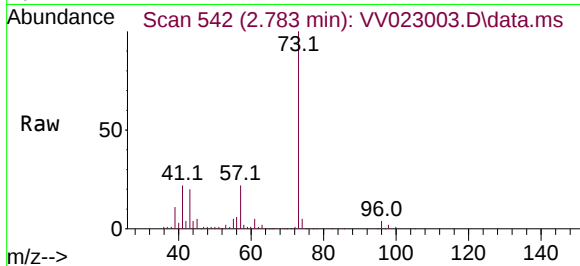




#17
Methyl tert-butyl Ether
Concen: 5.167 ug/L
RT: 2.783 min Scan# 54
Delta R.T. -0.010 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

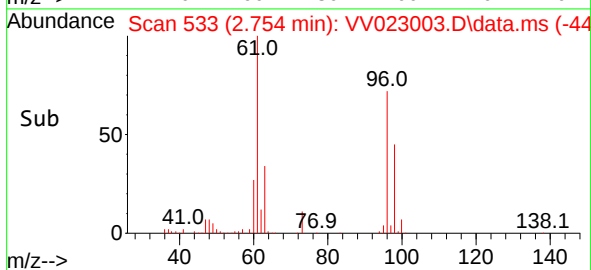
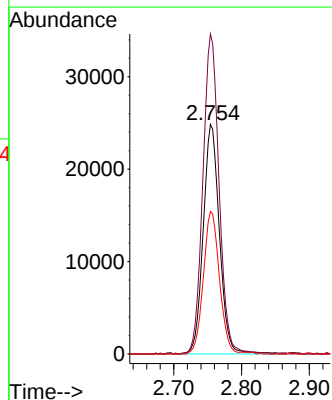
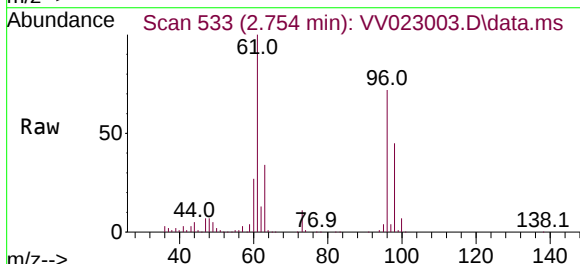
Instrument :
MSVOA_V
ClientSampleId :

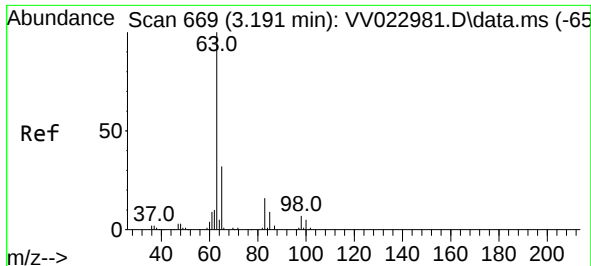
Tgt Ion: 73 Resp: 87672
Ion Ratio Lower Upper
73 100
43 19.8 17.4 26.0
57 23.3 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.451 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.010 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion: 96 Resp: 41362
Ion Ratio Lower Upper
96 100
61 139.4 93.2 173.2
98 62.1 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.509 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.010 min

Lab File: VV023003.D

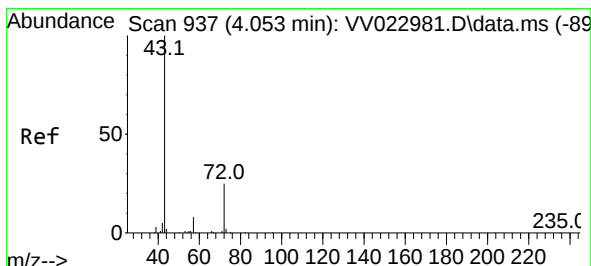
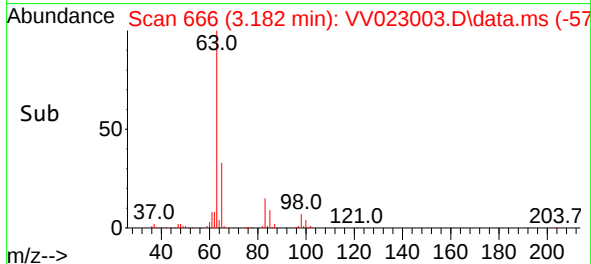
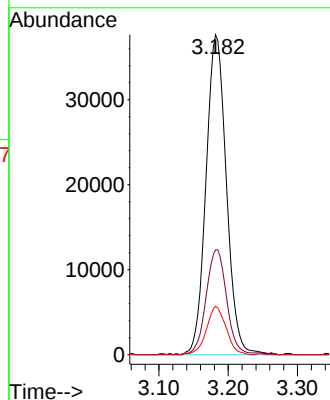
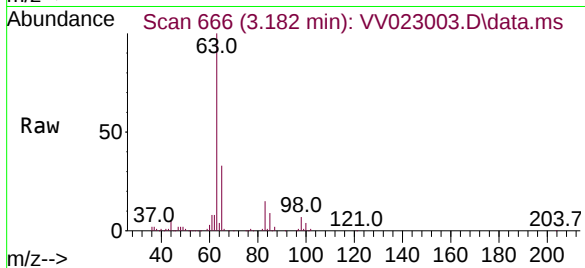
Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 76799
Ion Ratio	Lower Upper
63 100	
65 32.8	22.6 42.0
83 15.1	11.1 20.7



#21

2-Butanone

Concen: 53.396 ug/L

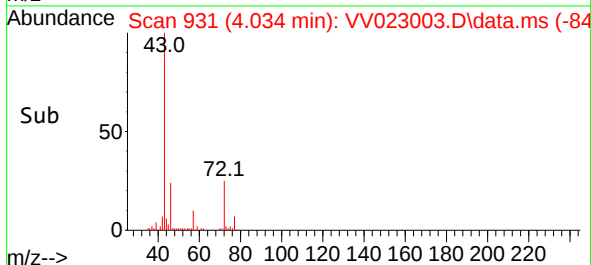
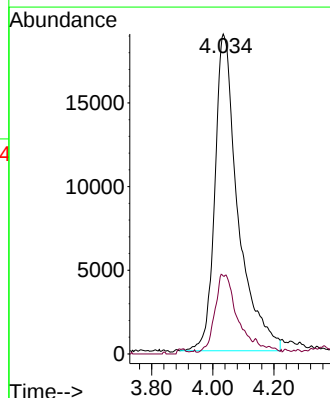
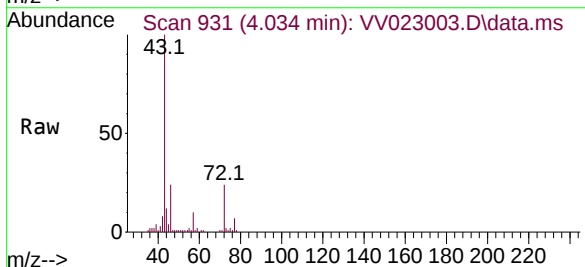
RT: 4.034 min Scan# 931

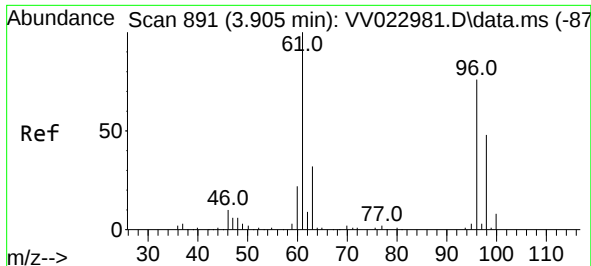
Delta R.T. -0.019 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

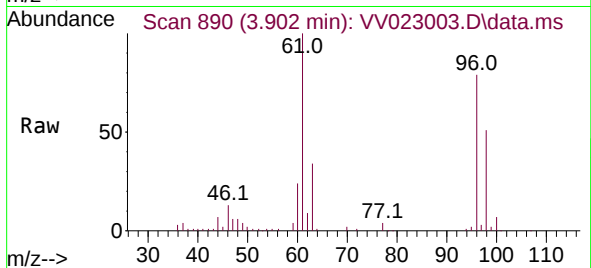
Tgt Ion: 43	Resp: 99798
Ion Ratio	Lower Upper
43 100	
72 9.9	11.9 35.9#



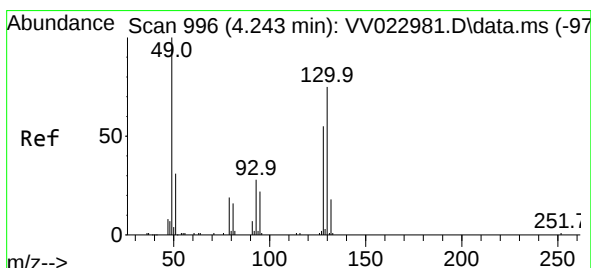
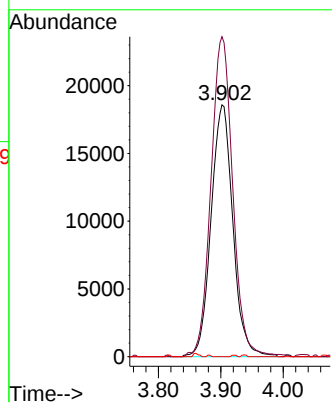
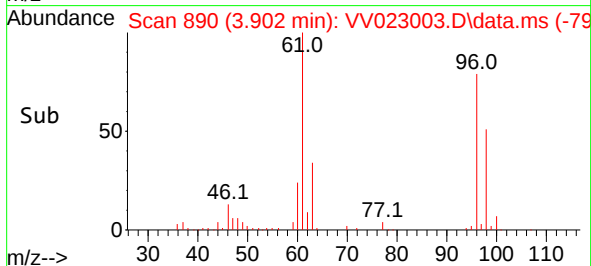


#22
 cis-1,2-Dichloroethene
 Concen: 5.246 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

Instrument :
 MSVOA_V
 ClientSampleId :

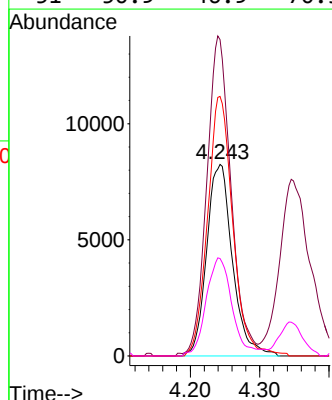
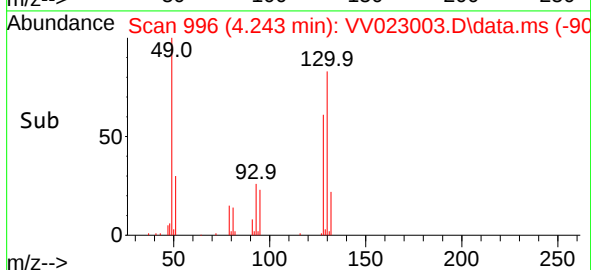
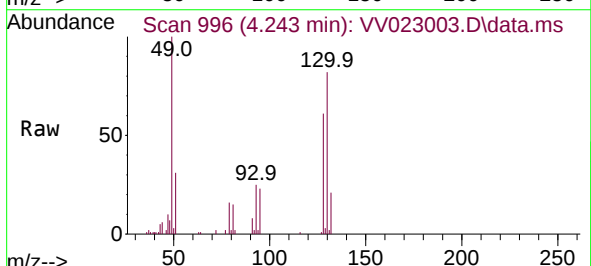


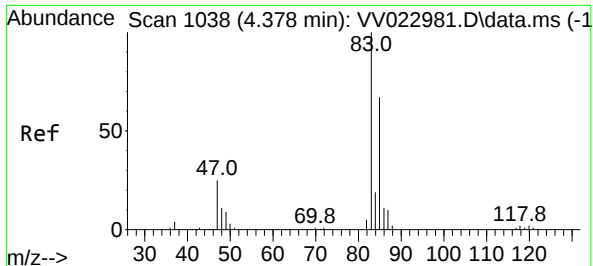
Tgt Ion: 96 Resp: 45135
 Ion Ratio Lower Upper
 96 100
 61 127.0 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.465 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

Tgt Ion: 128 Resp: 21343
 Ion Ratio Lower Upper
 128 100
 49 165.2 126.1 234.3
 130 135.5 95.2 176.8
 51 50.9 46.9 70.3





#25

Chloroform

Concen: 4.815 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

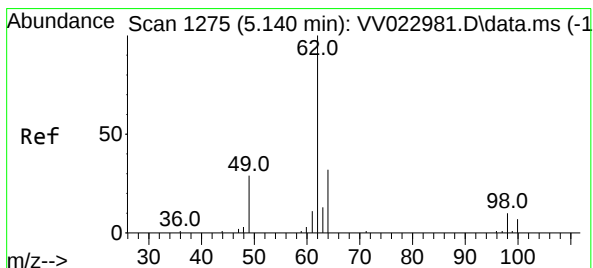
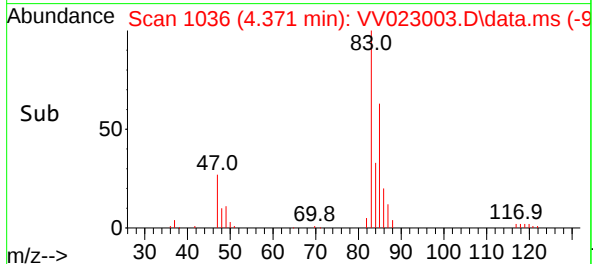
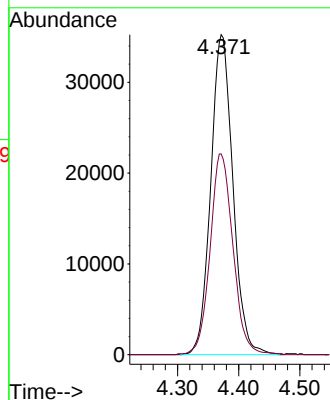
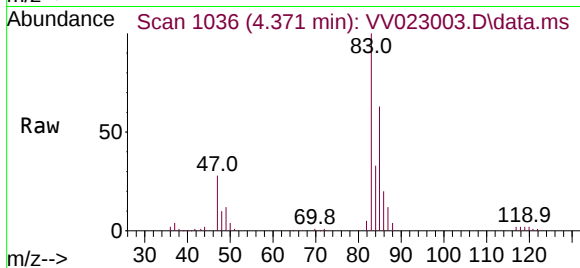
ClientSampleId :

Tgt Ion: 83 Resp: 88706

Ion Ratio Lower Upper

83 100

85 62.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.537 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.003 min

Lab File: VV023003.D

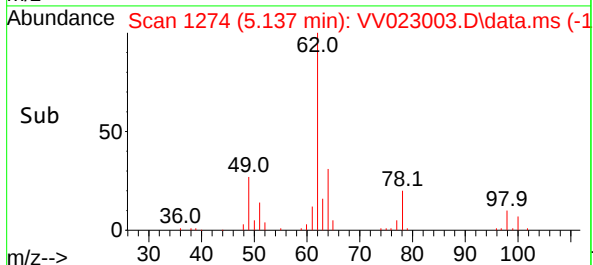
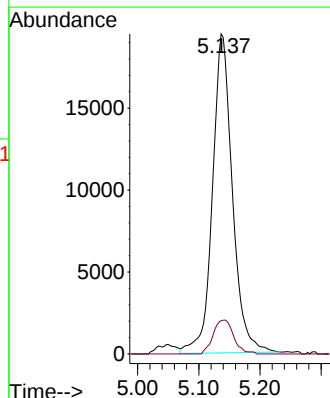
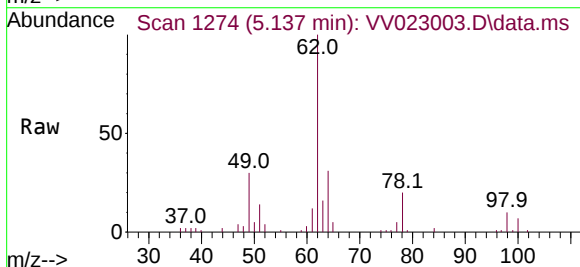
Acq: 23 Oct 2021 11:42

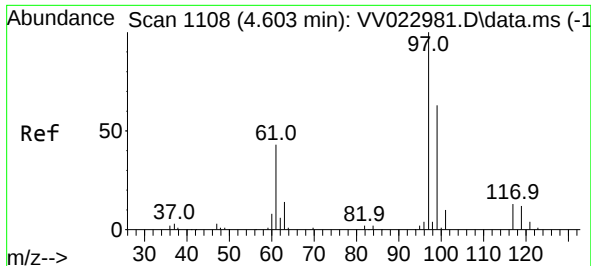
Tgt Ion: 62 Resp: 44077

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.841 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

ClientSampleId :

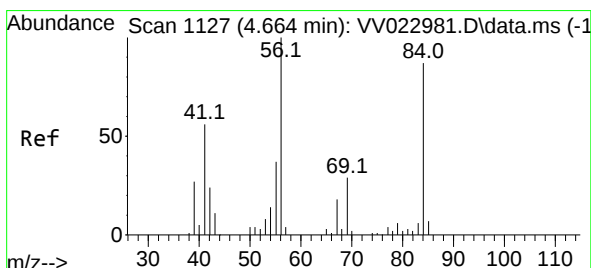
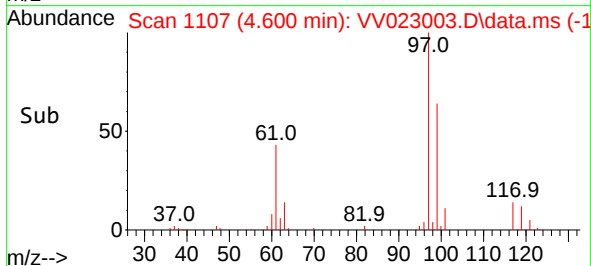
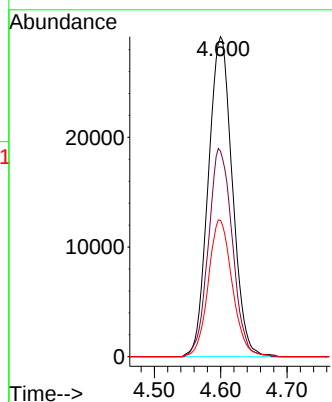
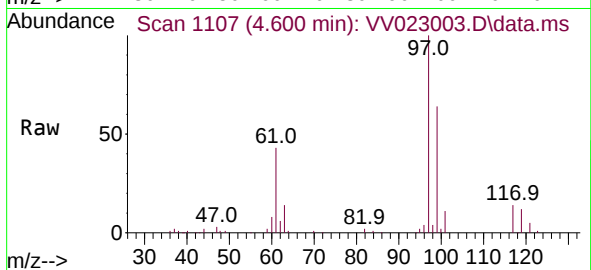
Tgt Ion: 97 Resp: 73452

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 42.8 34.1 51.1



#30

Cyclohexane

Concen: 4.609 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.003 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

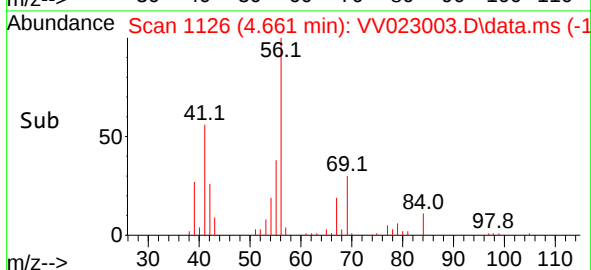
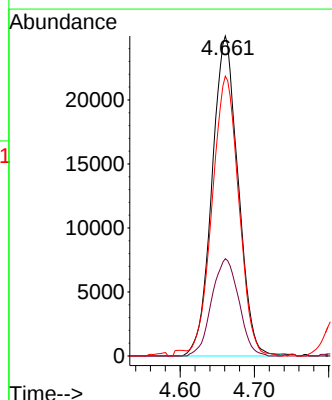
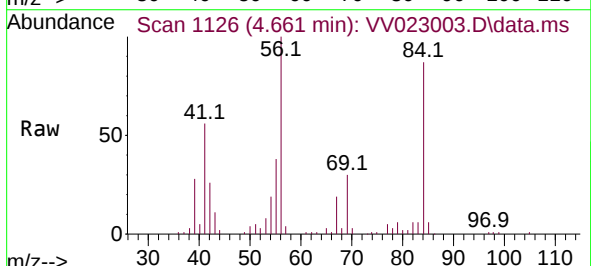
Tgt Ion: 56 Resp: 61056

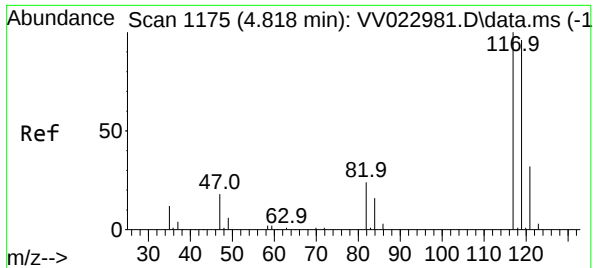
Ion Ratio Lower Upper

56 100

69 31.5 23.5 35.3

84 89.3 71.6 107.4

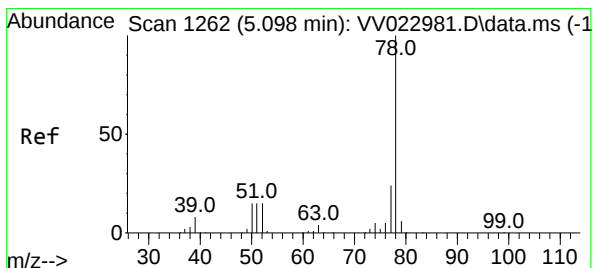
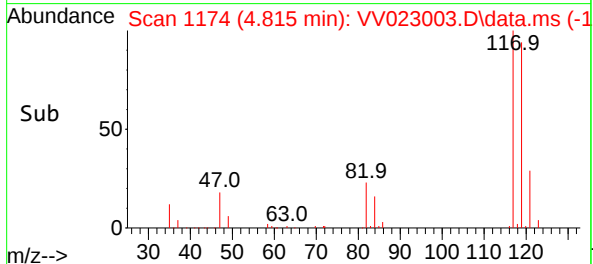
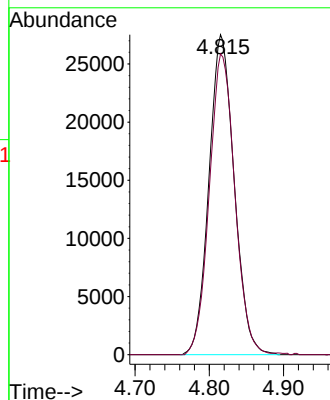
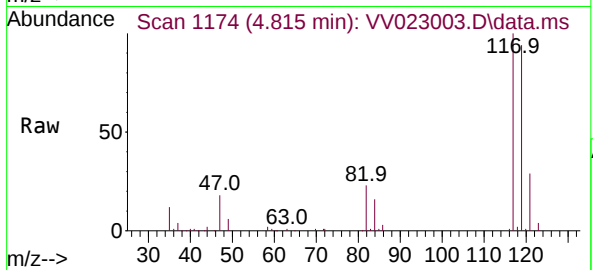




#31
Carbon tetrachloride
Concen: 4.974 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

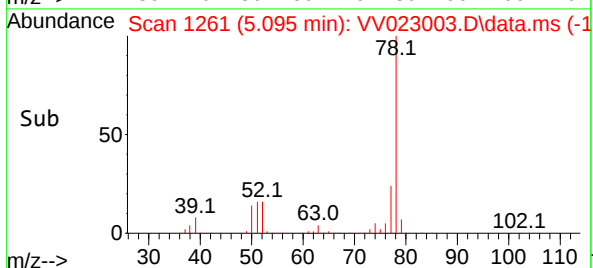
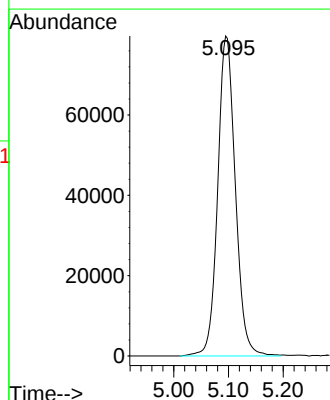
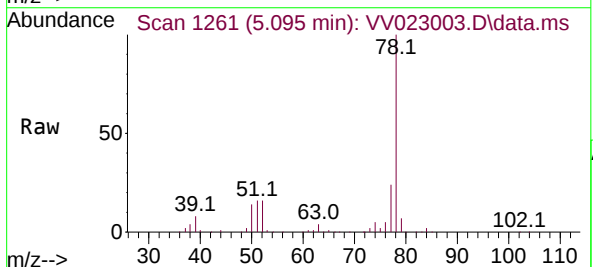
Instrument :
MSVOA_V
ClientSampleId :

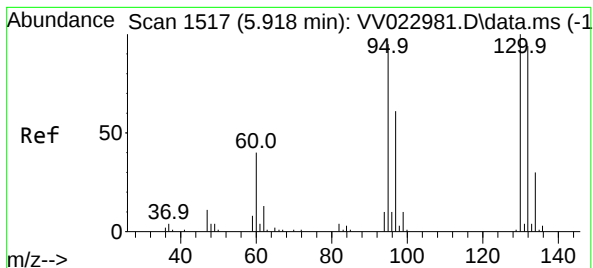
Tgt Ion:117 Resp: 64941
Ion Ratio Lower Upper
117 100
119 94.9 78.8 118.2



#33
Benzene
Concen: 4.934 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion: 78 Resp: 178278





#34

Trichloroethene

Concen: 4.987 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 45266

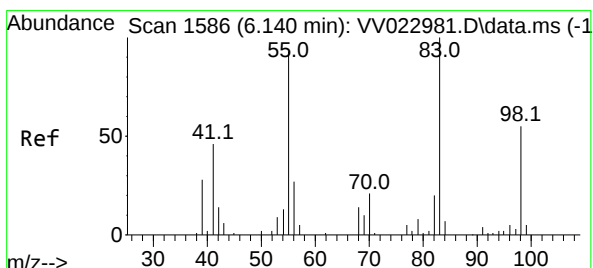
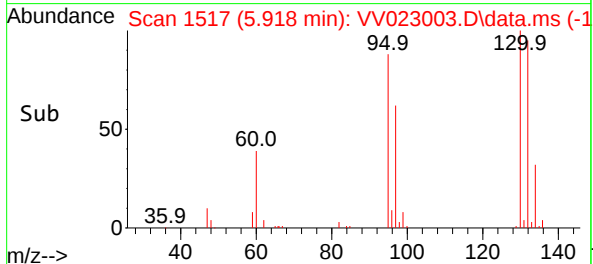
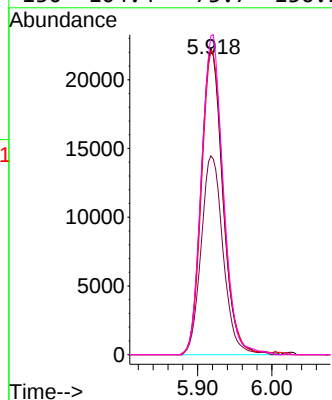
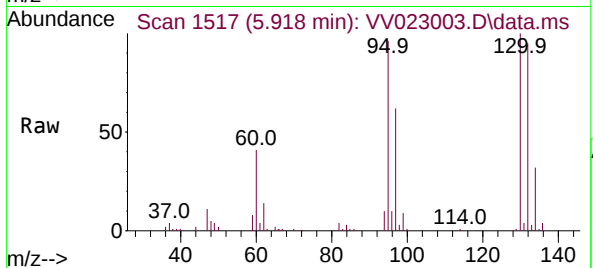
Ion Ratio Lower Upper

95 100

97 65.1 45.0 83.6

132 99.5 69.7 129.4

130 104.4 73.7 136.9



#35

Methylcyclohexane

Concen: 4.883 ug/L

RT: 6.140 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

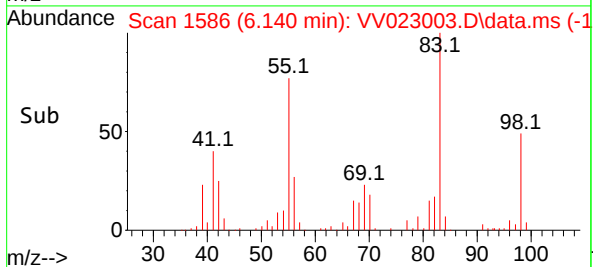
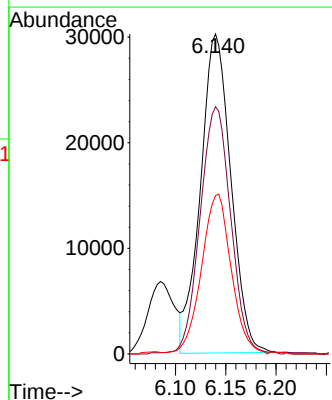
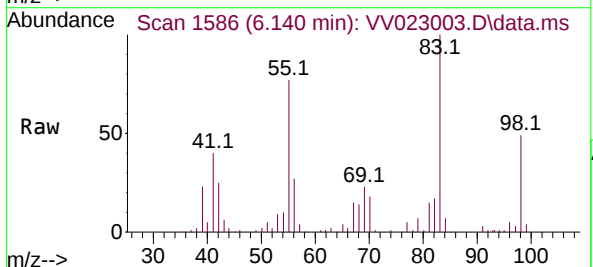
Tgt Ion: 83 Resp: 63468

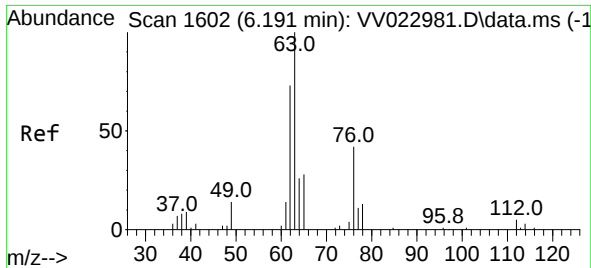
Ion Ratio Lower Upper

83 100

55 78.4 62.8 94.2

98 49.1 37.9 56.9

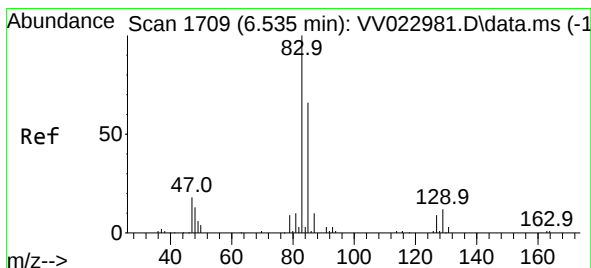
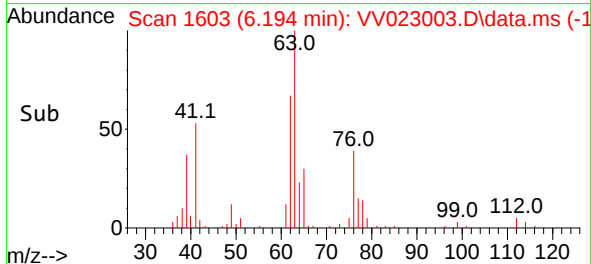
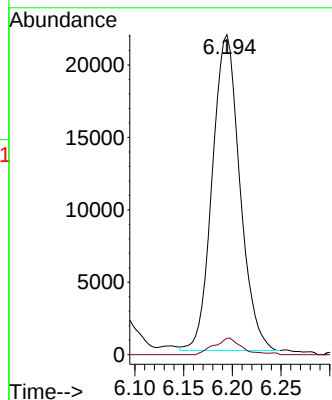
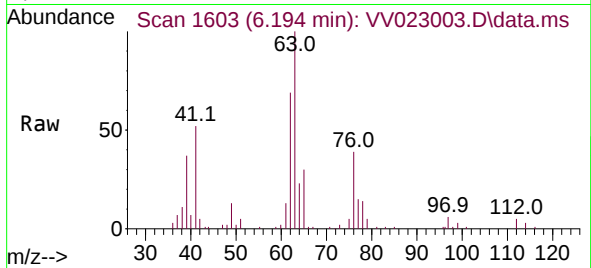




#37
1,2-Dichloropropane
Concen: 4.724 ug/L
RT: 6.194 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

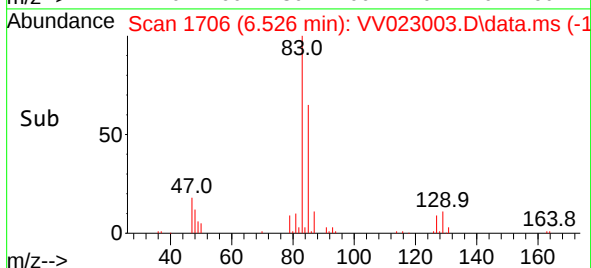
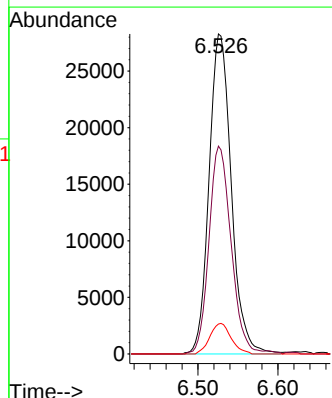
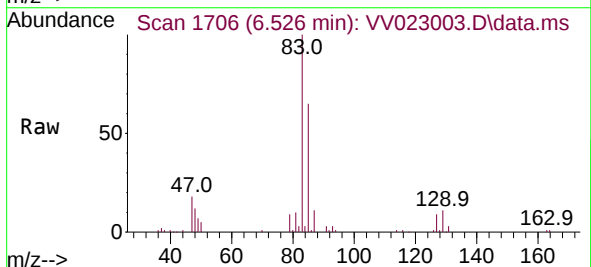
Instrument :
MSVOA_V
ClientSampleId :

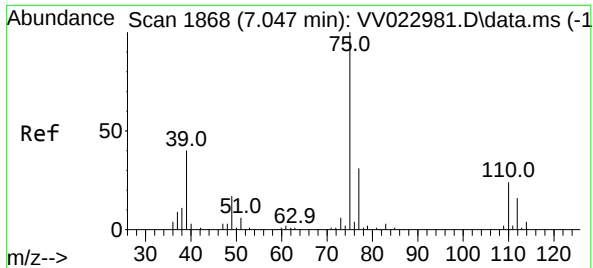
Tgt Ion: 63 Resp: 43021
Ion Ratio Lower Upper
63 100
112 5.1 4.6 6.8



#38
Bromodichloromethane
Concen: 4.863 ug/L
RT: 6.526 min Scan# 1706
Delta R.T. -0.010 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion: 83 Resp: 54631
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.7
127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.816 ug/L

RT: 7.040 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

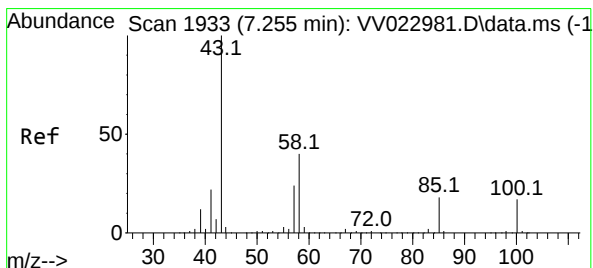
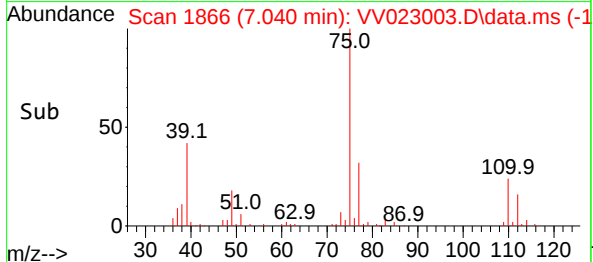
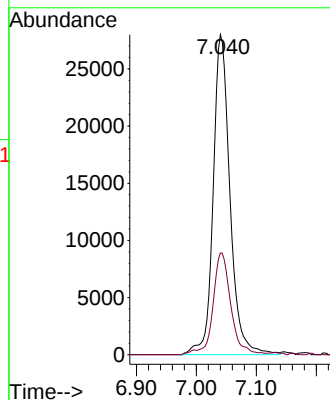
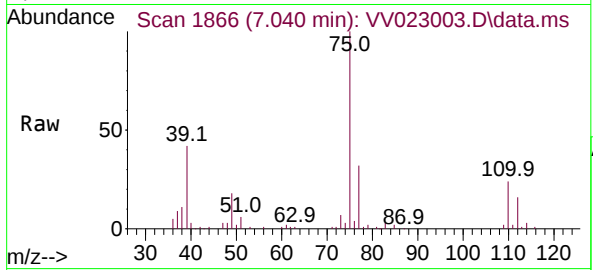
ClientSampleId :

Tgt Ion: 75 Resp: 54617

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 49.499 ug/L

RT: 7.249 min Scan# 1931

Delta R.T. -0.006 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

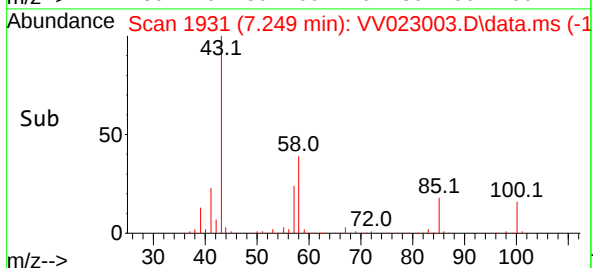
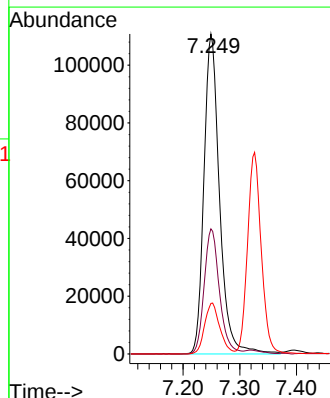
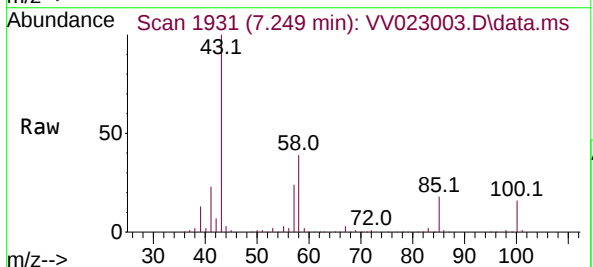
Tgt Ion: 43 Resp: 212221

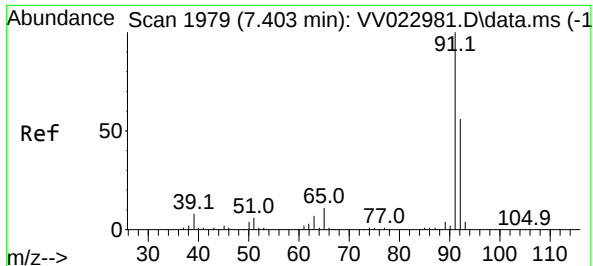
Ion Ratio Lower Upper

43 100

58 38.3 31.1 46.7

100 15.5 12.6 19.0





#42

Toluene

Concen: 5.223 ug/L

RT: 7.397 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

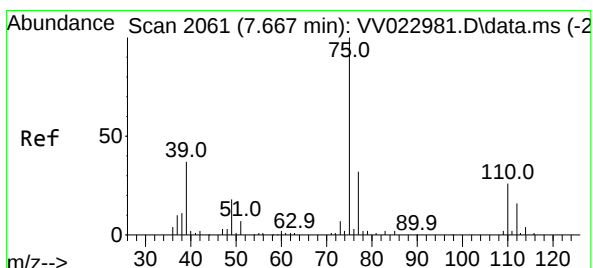
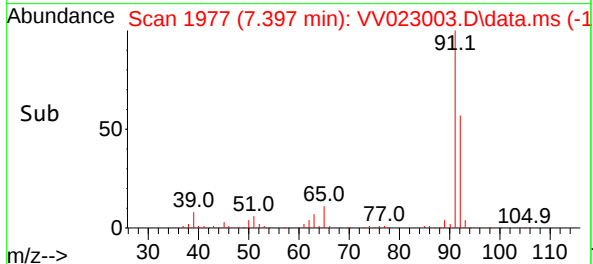
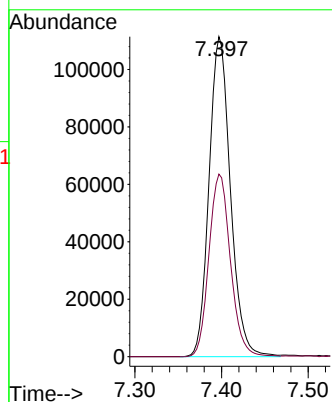
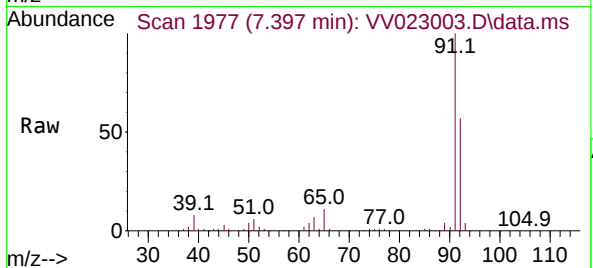
ClientSampleId :

Tgt Ion: 91 Resp: 191234

Ion Ratio Lower Upper

91 100

92 57.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.955 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VV023003.D

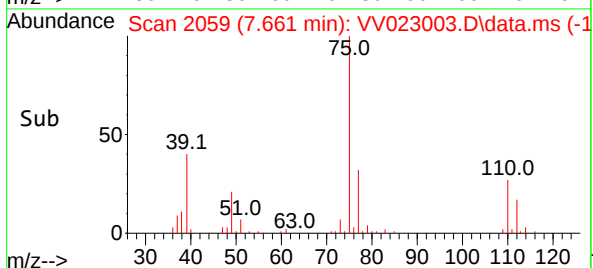
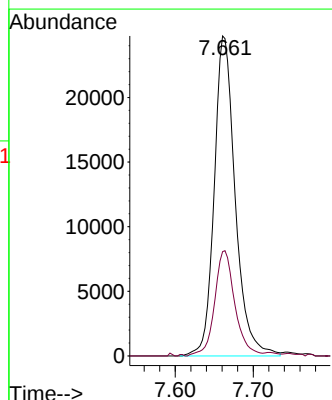
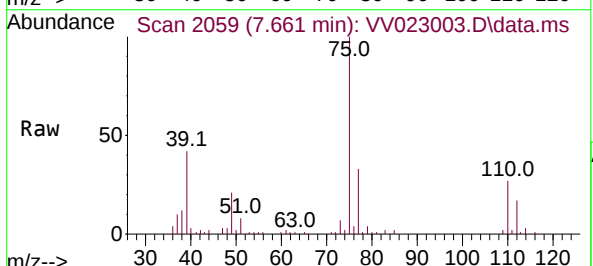
Acq: 23 Oct 2021 11:42

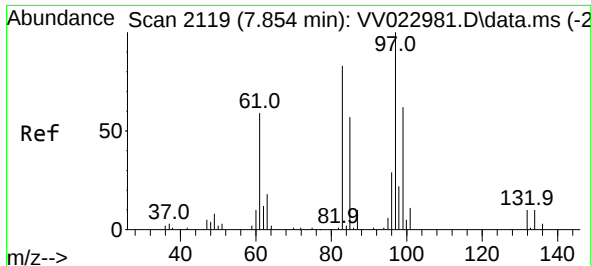
Tgt Ion: 75 Resp: 46482

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.859 ug/L

RT: 7.850 min Scan# 2119

Delta R.T. -0.003 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 30958

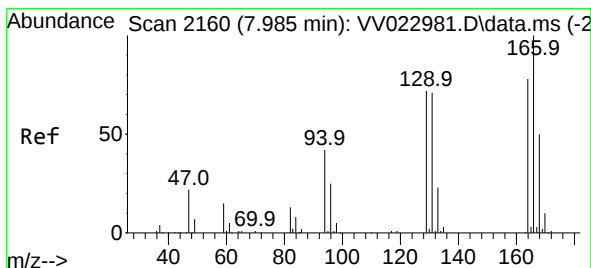
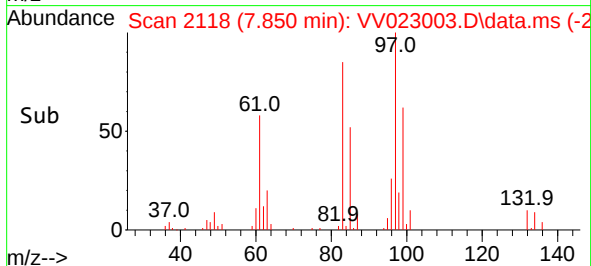
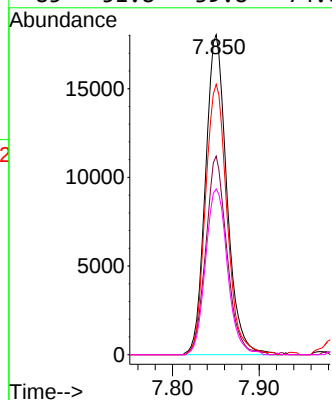
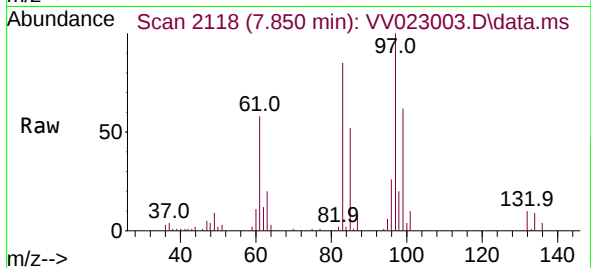
Ion Ratio Lower Upper

97 100

99 62.1 43.6 81.0

83 84.5 58.4 108.4

85 51.8 39.8 74.0



#47

Tetrachloroethene

Concen: 5.013 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.003 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Tgt Ion:164 Resp: 38440

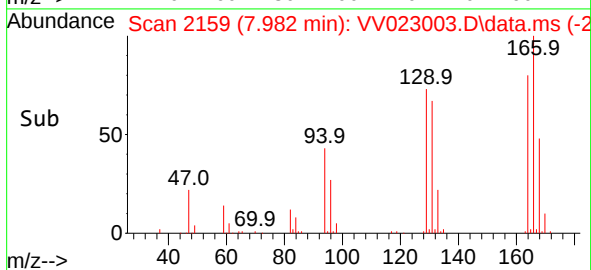
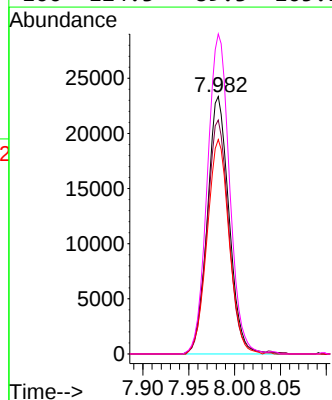
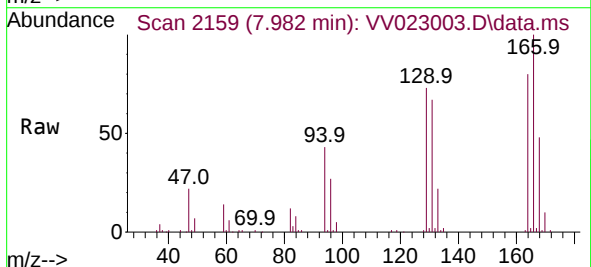
Ion Ratio Lower Upper

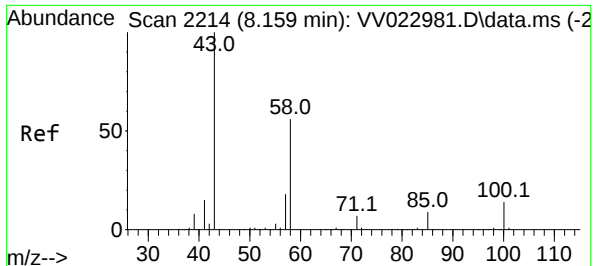
164 100

129 90.9 64.0 119.0

131 83.3 63.4 117.8

166 124.3 89.3 165.9

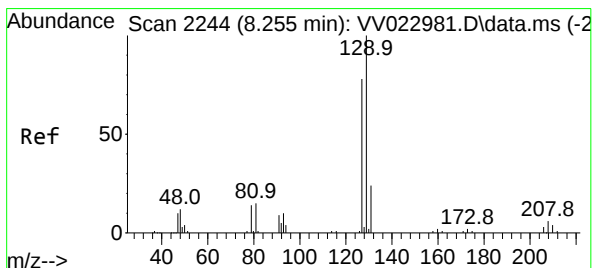
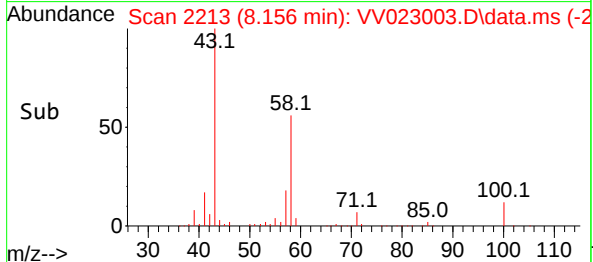
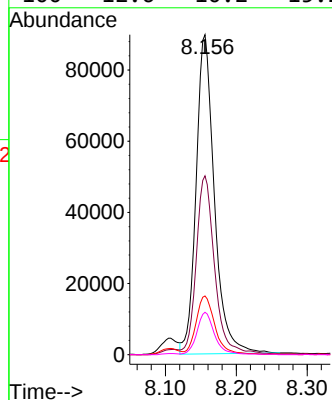
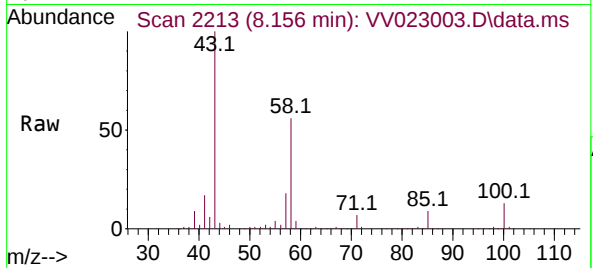




#48
2-Hexanone
Concen: 50.580 ug/L
RT: 8.156 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

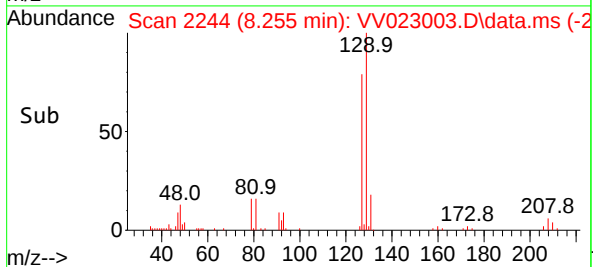
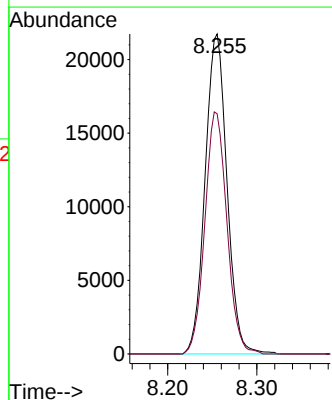
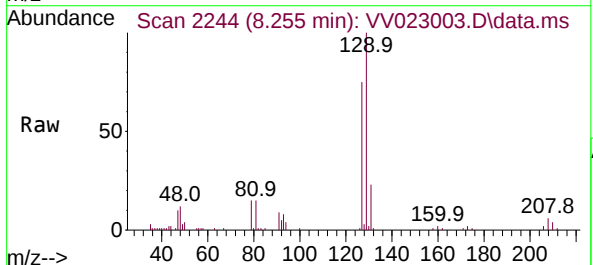
Instrument :
MSVOA_V
ClientSampleId :

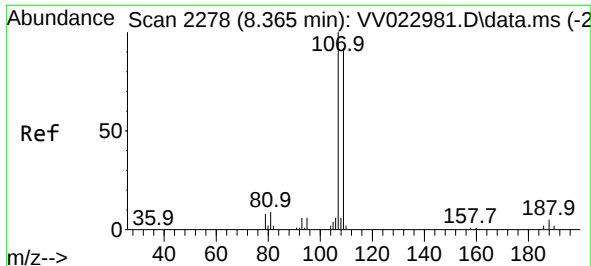
Tgt Ion: 43 Resp: 160980
Ion Ratio Lower Upper
43 100
58 56.1 43.7 65.5
57 18.3 14.1 21.1
100 12.6 10.2 15.2



#49
Dibromochloromethane
Concen: 4.889 ug/L
RT: 8.255 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion:129 Resp: 37059
Ion Ratio Lower Upper
129 100
127 75.0 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.923 ug/L

RT: 8.362 min Scan# 21

Delta R.T. -0.003 min

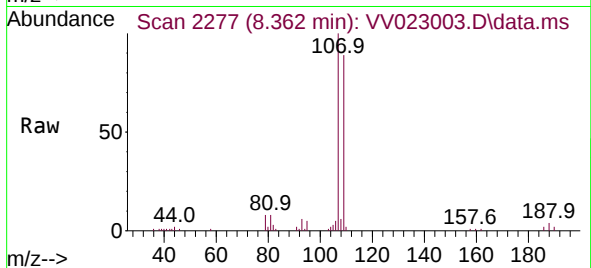
Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

ClientSampleId :



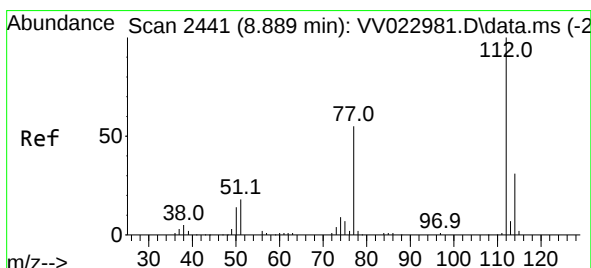
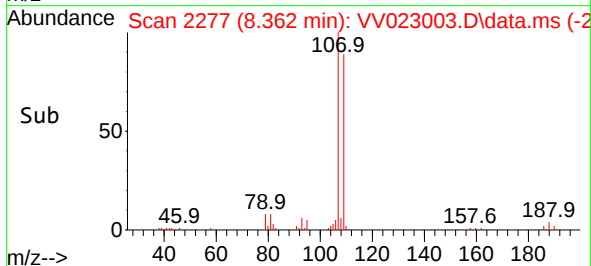
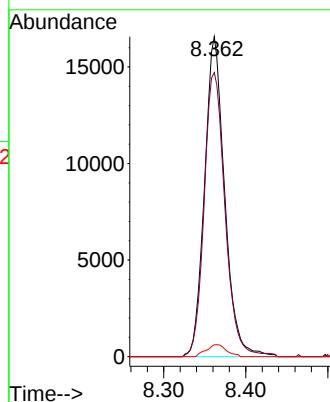
Tgt Ion:107 Resp: 28236

Ion Ratio Lower Upper

107 100

109 88.8 64.7 120.1

188 3.7 3.6 5.4



#51

Chlorobenzene

Concen: 4.897 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. -0.003 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

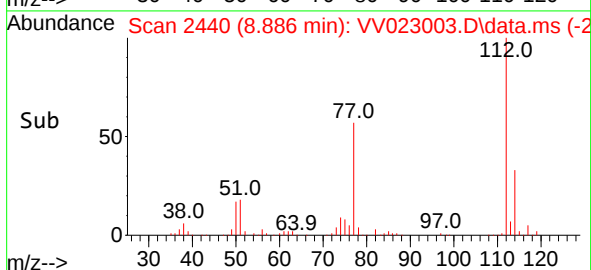
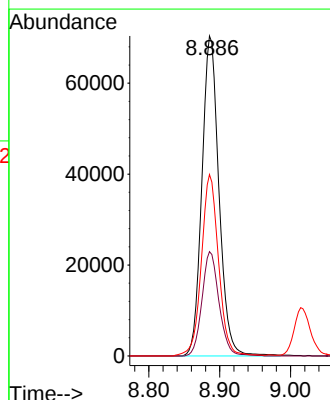
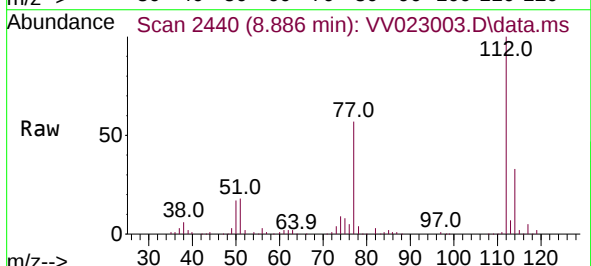
Tgt Ion:112 Resp: 117778

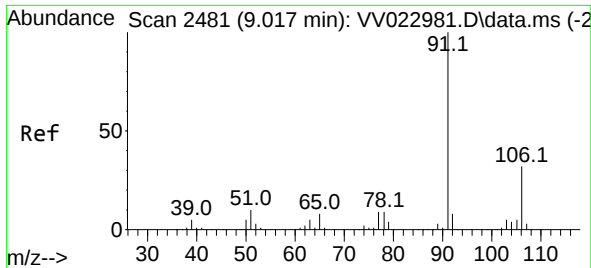
Ion Ratio Lower Upper

112 100

114 32.6 22.0 40.8

77 56.7 44.4 66.6

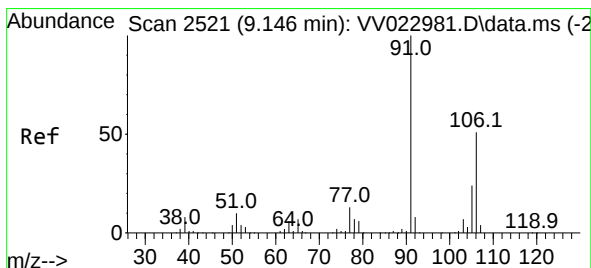
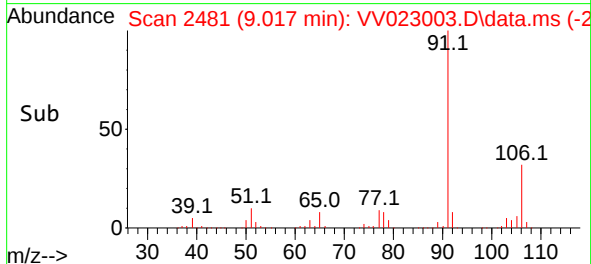
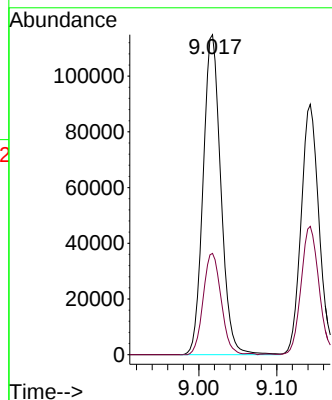
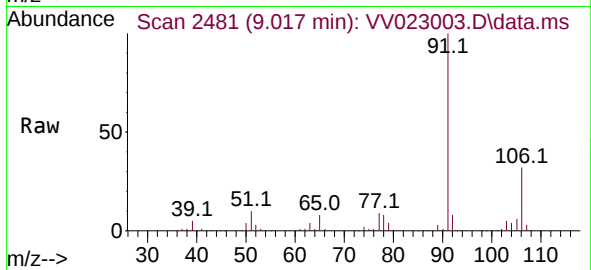




#52
Ethylbenzene
Concen: 4.999 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

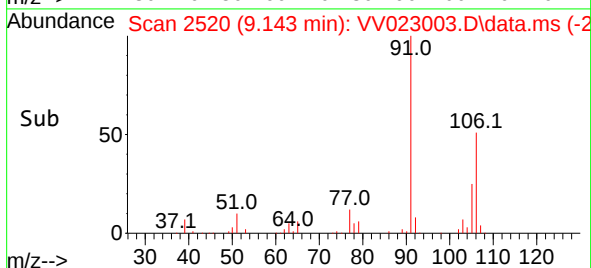
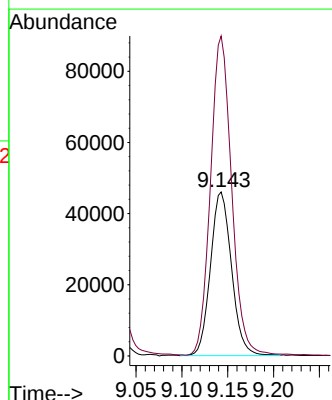
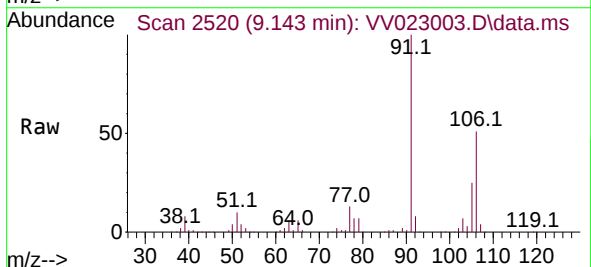
Instrument :
MSVOA_V
ClientSampleId :

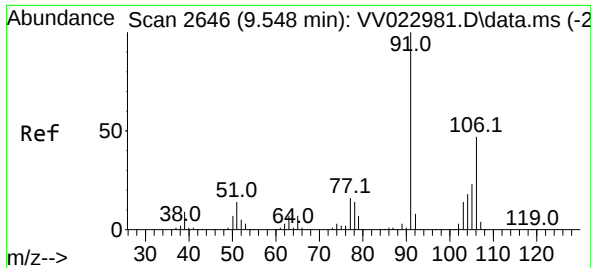
Tgt Ion: 91 Resp: 181681
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.9



#53
m,p-xylene
Concen: 5.032 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion: 106 Resp: 73346
Ion Ratio Lower Upper
106 100
91 195.2 137.2 254.8

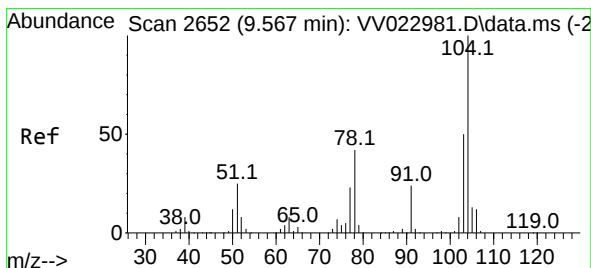
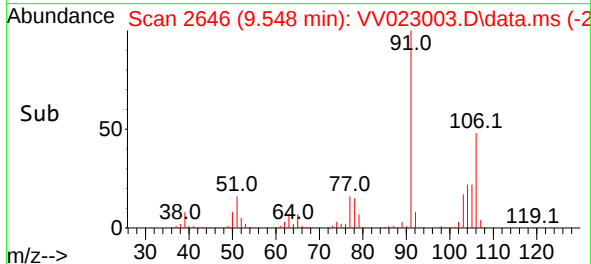
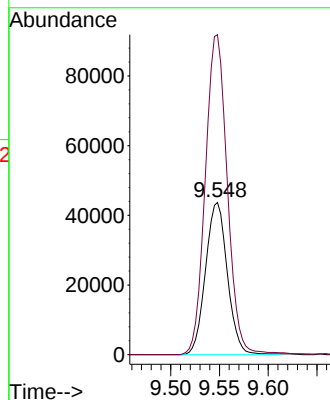
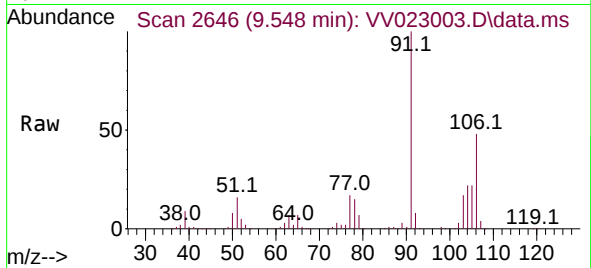




#54
o-xylene
Concen: 4.967 ug/L
RT: 9.548 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

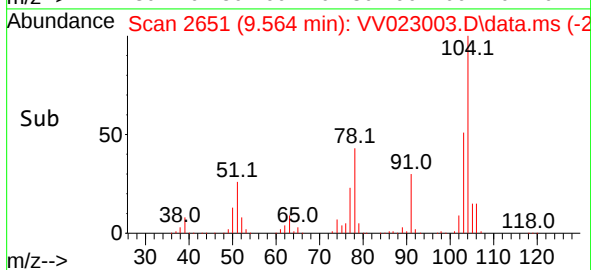
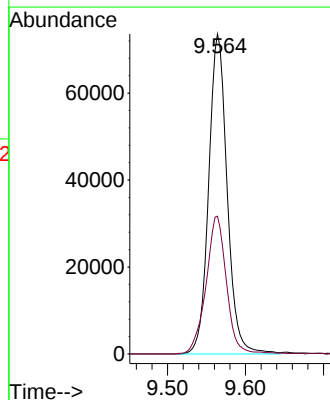
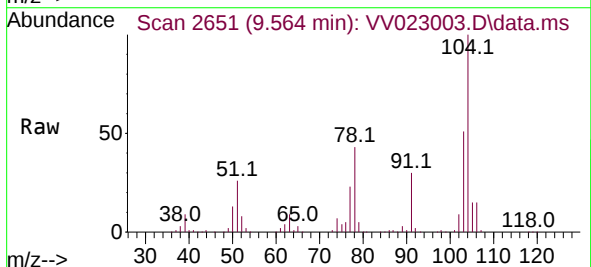
Instrument :
MSVOA_V
ClientSampleId :

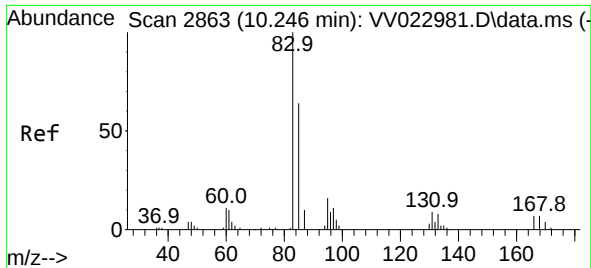
Tgt Ion:106 Resp: 68152
Ion Ratio Lower Upper
106 100
91 210.1 148.3 275.5



#55
Styrene
Concen: 5.114 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion:104 Resp: 121169
Ion Ratio Lower Upper
104 100
78 43.1 29.3 54.3

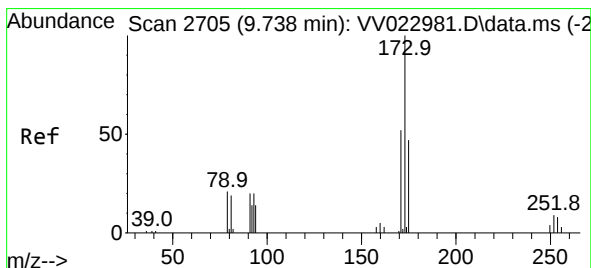
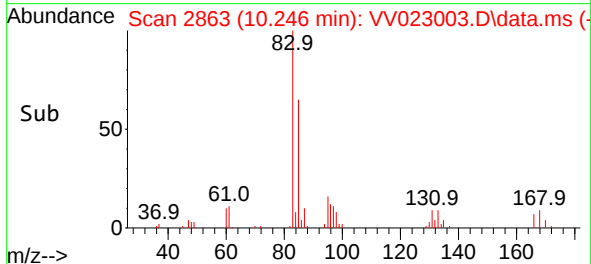
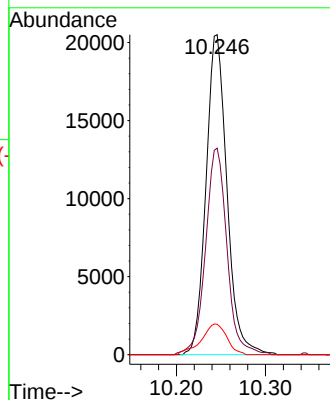
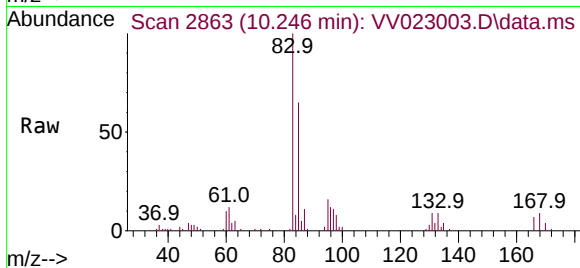




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.693 ug/L
 RT: 10.246 min Scan# 2863
 Delta R.T. -0.000 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

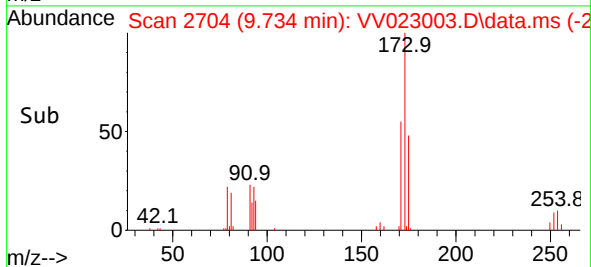
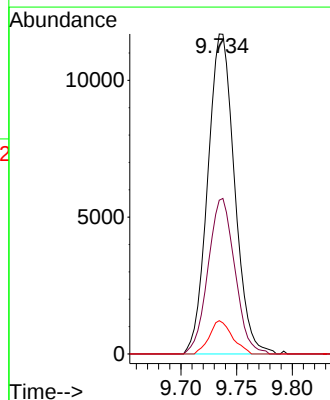
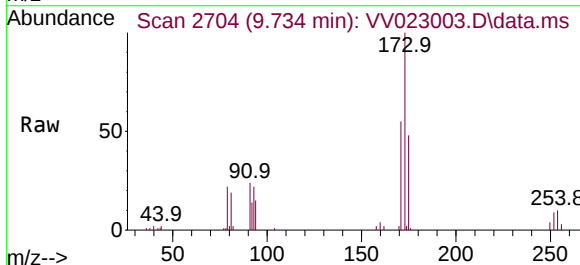
Instrument :
 MSVOA_V
 ClientSampleId :

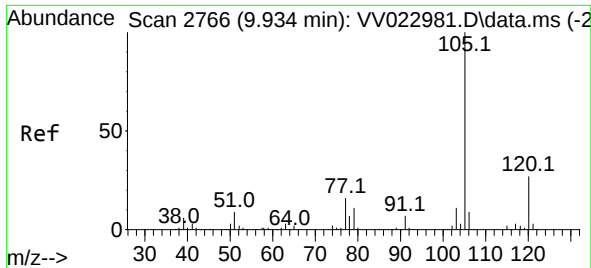
Tgt Ion: 83 Resp: 33418
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.1 83.9
 131 9.5 7.8 11.6



#59
 Bromoform
 Concen: 4.568 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. -0.003 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

Tgt Ion: 173 Resp: 19571
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.2 57.2
 254 8.9 6.2 9.2

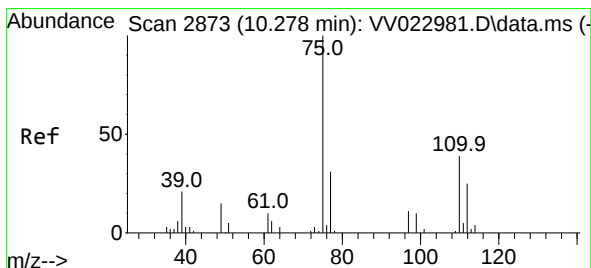
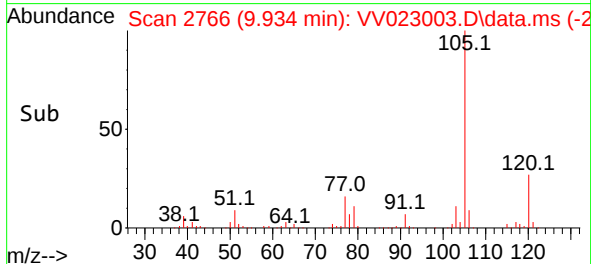
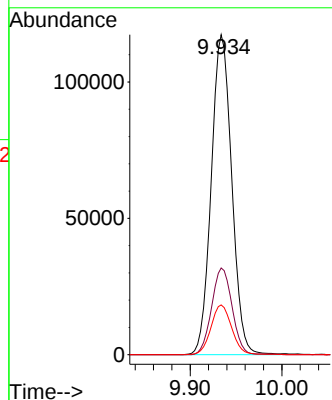
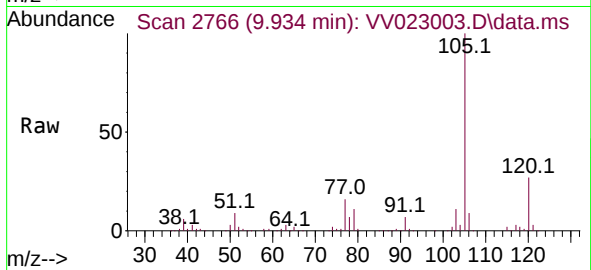




#60
Isopropylbenzene
Concen: 4.897 ug/L
RT: 9.934 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

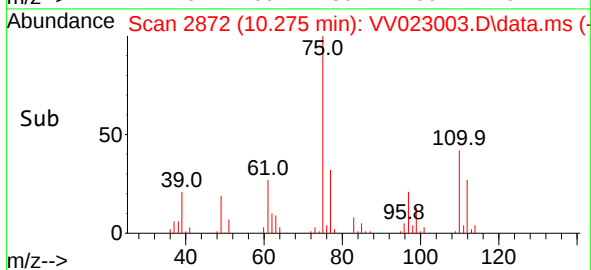
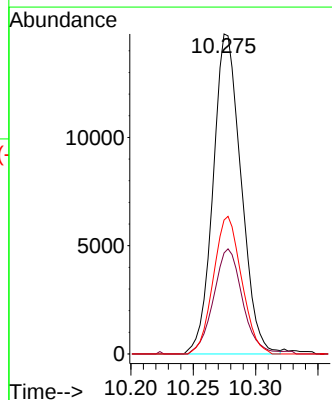
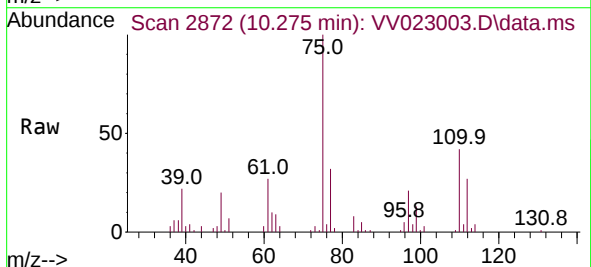
Instrument :
MSVOA_V
ClientSampleId :

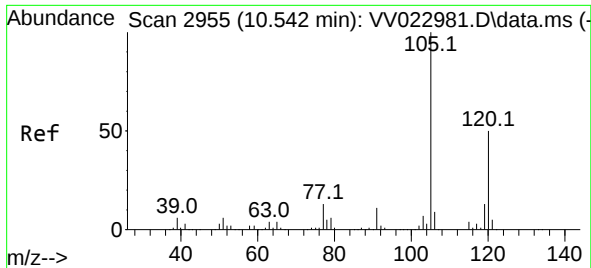
Tgt Ion:105 Resp: 182088
Ion Ratio Lower Upper
105 100
120 27.1 21.7 32.5
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.468 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

Tgt Ion: 75 Resp: 23119
Ion Ratio Lower Upper
75 100
77 34.0 26.6 39.8
110 43.3 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.725 ug/L

RT: 10.541 min Scan# 2955

Delta R.T. -0.000 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

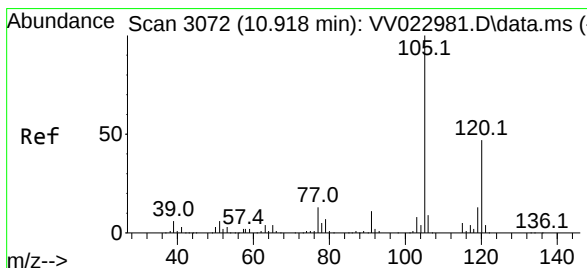
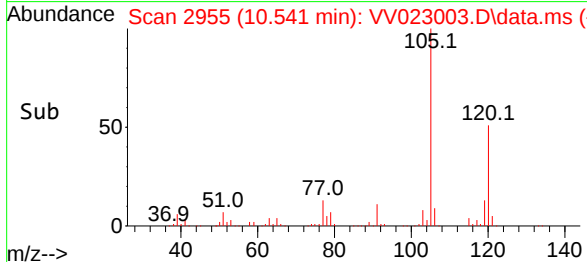
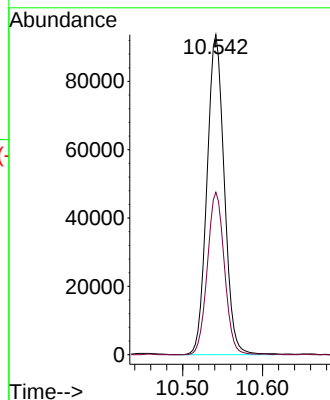
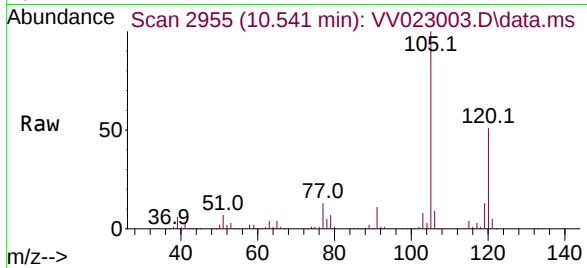
ClientSampleId :

Tgt Ion:105 Resp: 141115

Ion Ratio Lower Upper

105 100

120 50.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.891 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.003 min

Lab File: VV023003.D

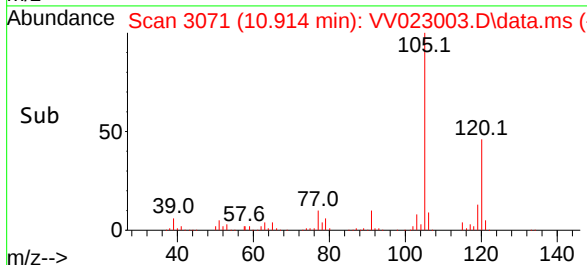
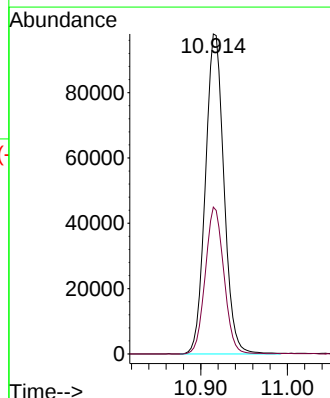
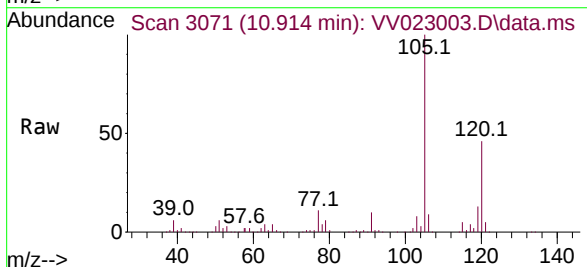
Acq: 23 Oct 2021 11:42

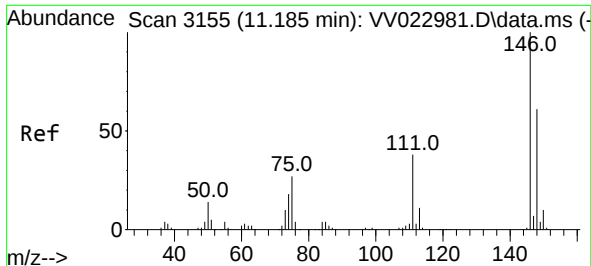
Tgt Ion:105 Resp: 145799

Ion Ratio Lower Upper

105 100

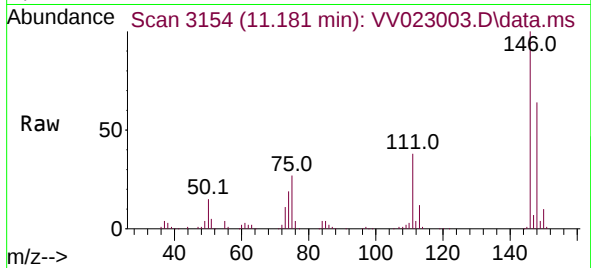
120 45.9 37.4 56.2



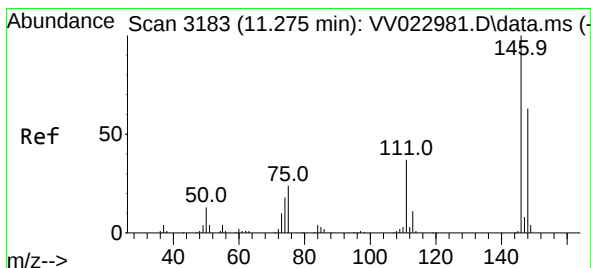
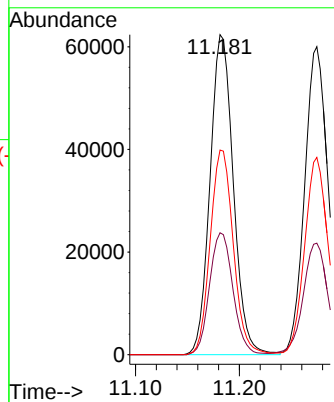
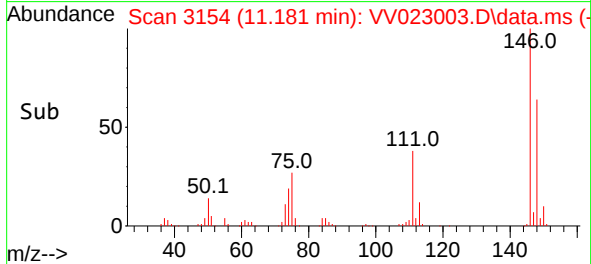


#64
1,3-Dichlorobenzene
Concen: 4.967 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42

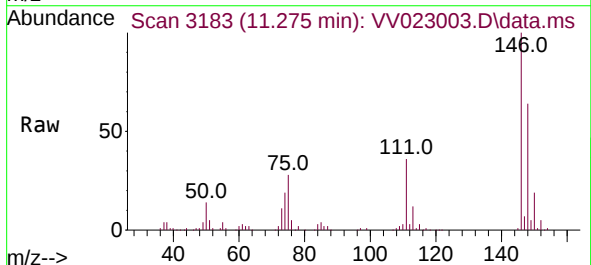
Instrument :
MSVOA_V
ClientSampleId :



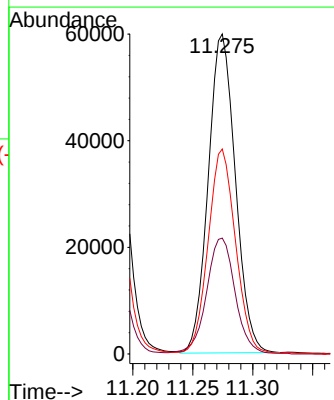
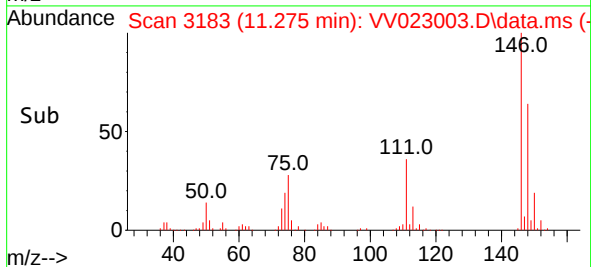
Tgt Ion:146 Resp: 97185
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 64.0 42.9 79.7

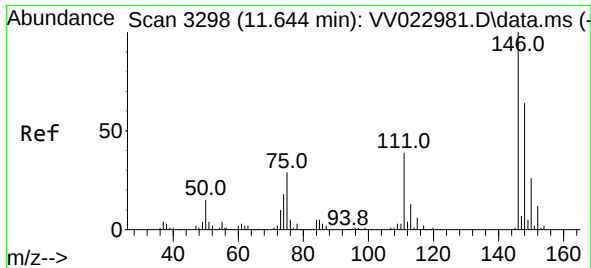


#65
1,4-Dichlorobenzene
Concen: 4.736 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023003.D
Acq: 23 Oct 2021 11:42



Tgt Ion:146 Resp: 94141
Ion Ratio Lower Upper
146 100
111 36.2 26.2 48.8
148 64.1 44.4 82.5

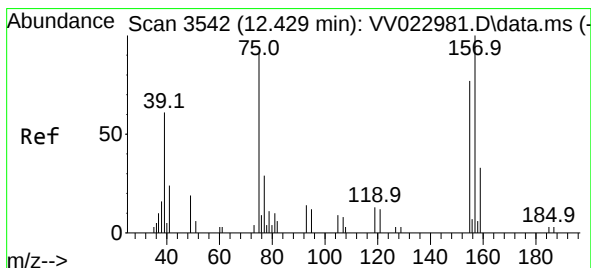
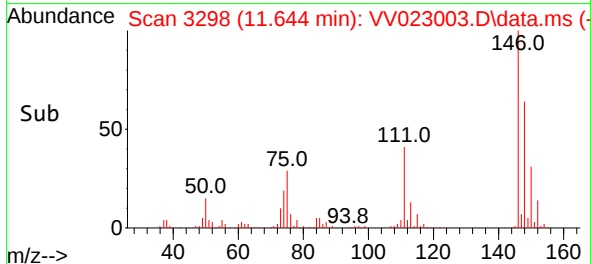
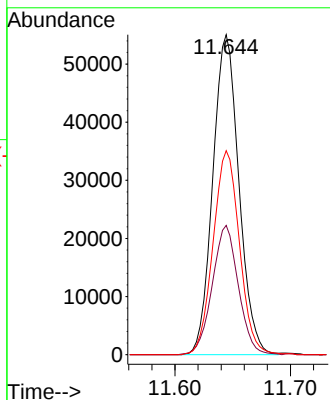
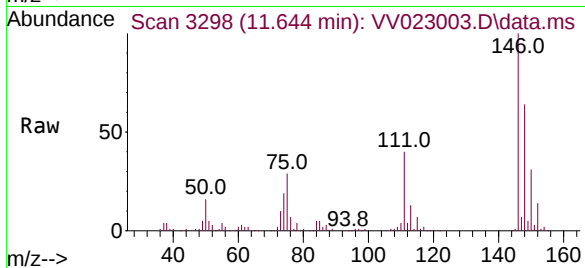




#67
 1,2-Dichlorobenzene
 Concen: 4.744 ug/L
 RT: 11.644 min Scan# 3298
 Delta R.T. -0.000 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

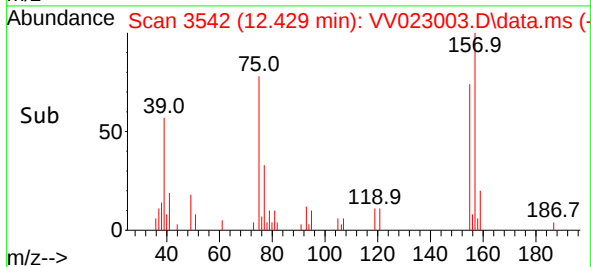
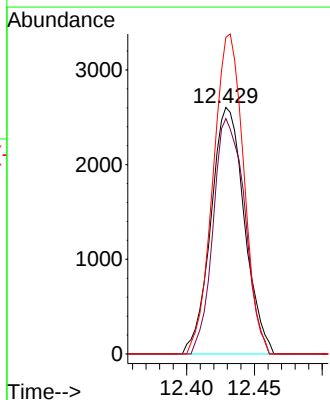
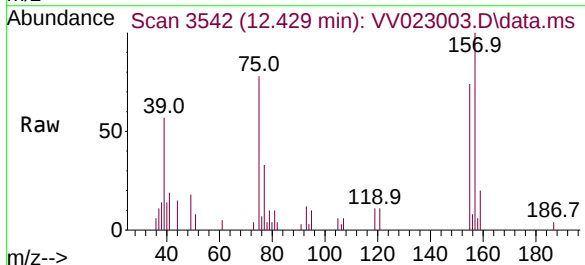
Instrument :
 MSVOA_V
 ClientSampleId :

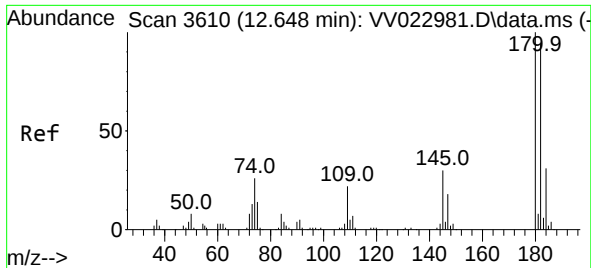
Tgt Ion:146 Resp: 86409
 Ion Ratio Lower Upper
 146 100
 111 40.4 31.6 47.4
 148 63.8 51.0 76.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.386 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

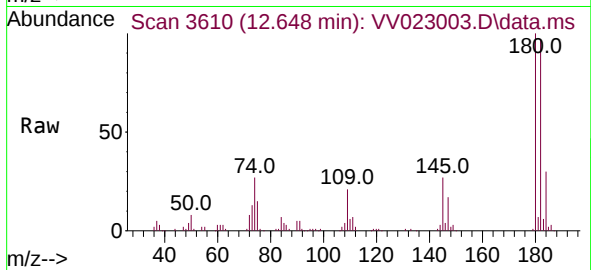
Tgt Ion: 75 Resp: 4478
 Ion Ratio Lower Upper
 75 100
 155 95.5 67.7 101.5
 157 128.4 87.9 131.9



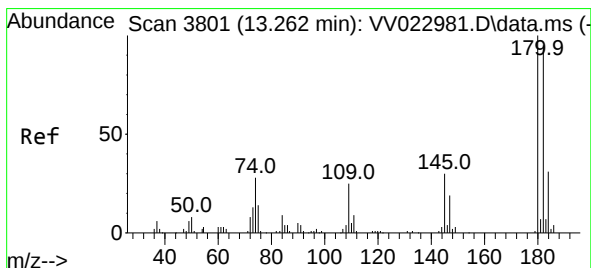
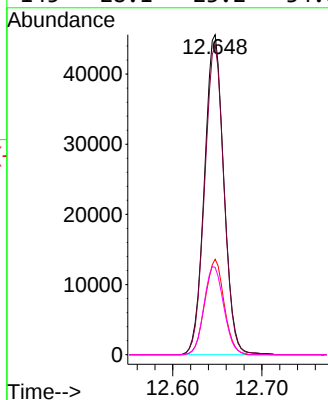
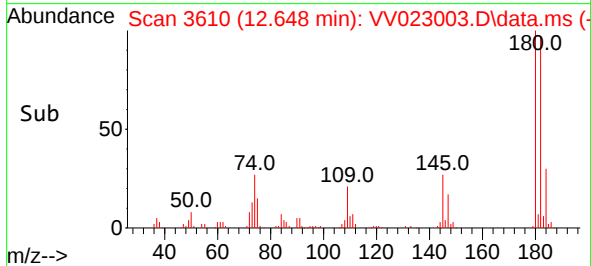


#69
 1,3,5-Trichlorobenzene
 Concen: 4.625 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42

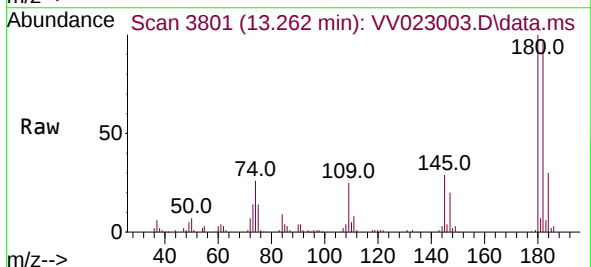
Instrument :
 MSVOA_V
 ClientSampleId :



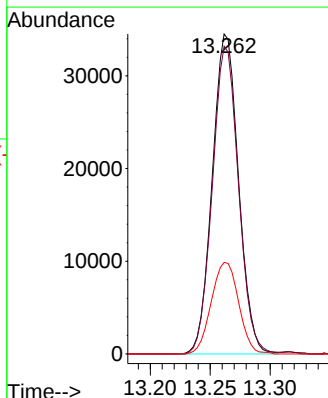
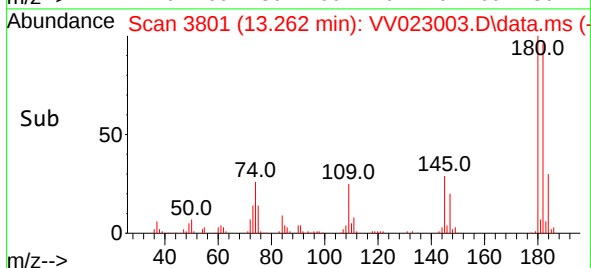
Tgt Ion:180 Resp: 68910
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.9 112.3
 184 29.4 23.8 35.8
 145 28.1 23.2 34.8

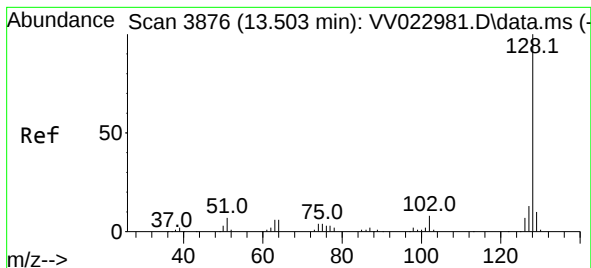


#70
 1,2,4-trichlorobenzene
 Concen: 4.701 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023003.D
 Acq: 23 Oct 2021 11:42



Tgt Ion:180 Resp: 52411
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.9 115.3
 145 29.9 24.4 36.6





#71

Naphthalene

Concen: 4.613 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Instrument :

MSVOA_V

ClientSampleId :

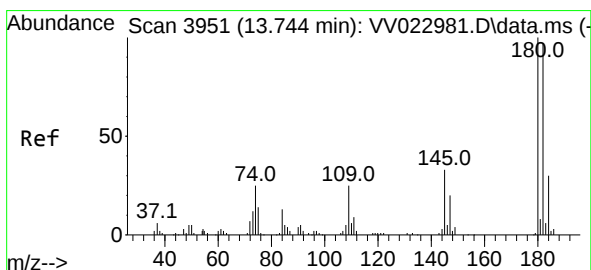
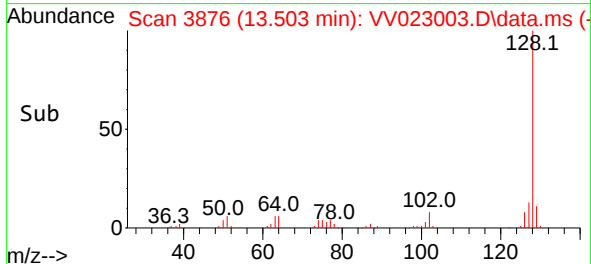
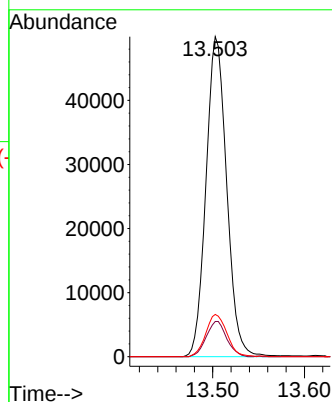
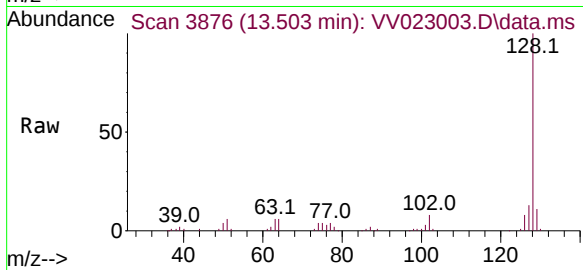
Tgt Ion:128 Resp: 78200

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.5 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.832 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023003.D

Acq: 23 Oct 2021 11:42

Tgt Ion:180 Resp: 50015

Ion Ratio Lower Upper

180 100

182 96.0 76.7 115.1

145 31.3 25.7 38.5

