

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030222\
 Data File : VX027270.D
 Acq On : 02 Mar 2022 18:14
 Operator : JC/MD
 Sample : N1757-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 00:07:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

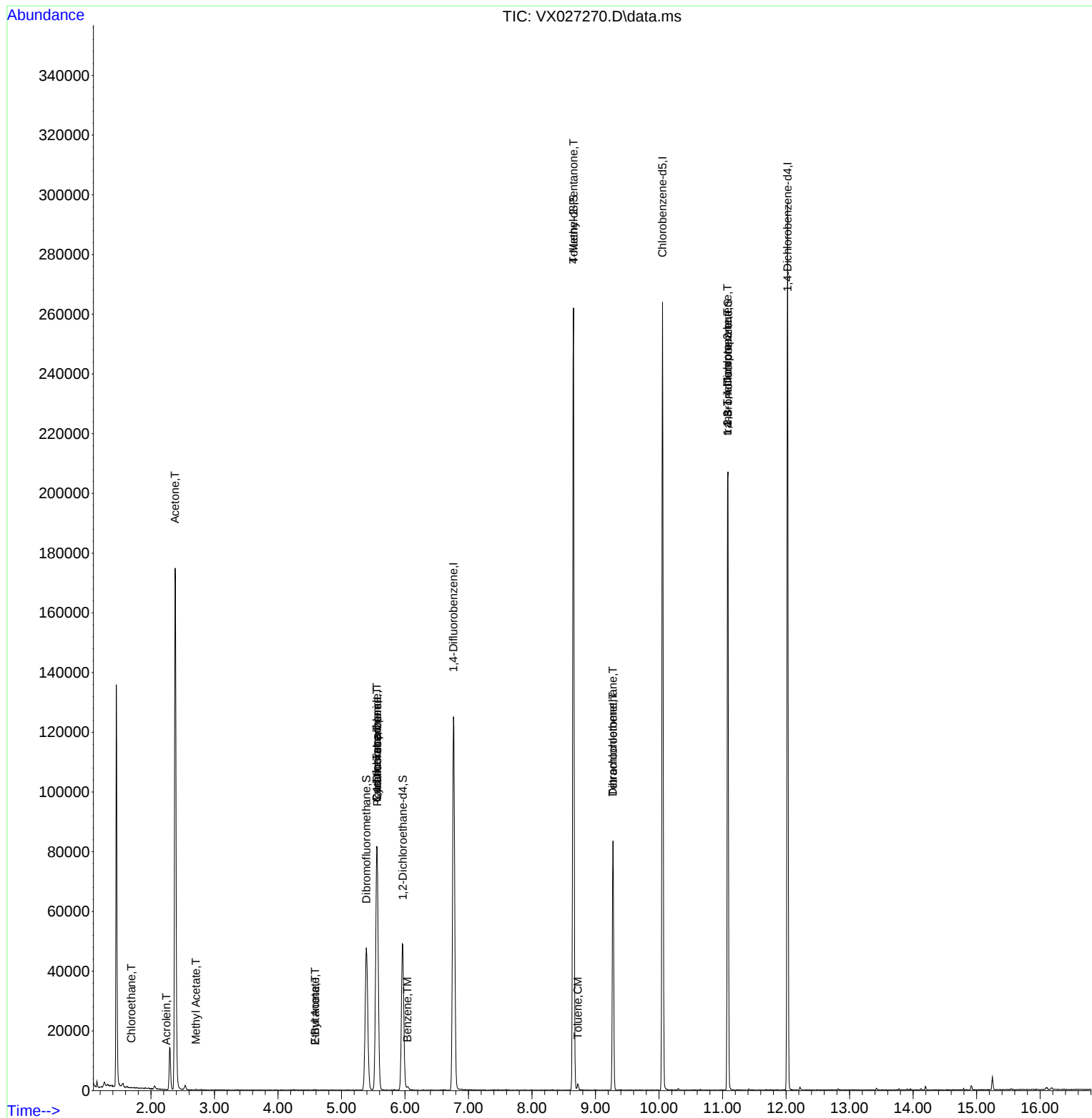
Internal Standards						
1) Pentafluorobenzene	5.562	168	80807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47590	49.037	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.080%	
35) Dibromofluoromethane	5.391	113	41986	51.072	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.140%	
50) Toluene-d8	8.653	98	153904	50.068	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.140%	
62) 4-Bromofluorobenzene	11.085	95	58688	49.739	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	105	Below Cal		91
6) Chloroethane	1.691	64	165	0.359	ug/l #	43
13) Acrolein	2.239	56	55	0.315	ug/l #	14
16) Acetone	2.380	43	183143	429.807	ug/l	95
18) Methyl Acetate	2.709	43	323	0.294	ug/l #	53
25) 2-Butanone	4.587	43	301	0.444	ug/l #	50
31) Cyclohexane	5.556	56	1542	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5850	4.876	ug/l #	51
37) Ethyl Acetate	4.587	43	301	0.228	ug/l #	69
38) Carbon Tetrachloride	5.556	117	7887	6.303	ug/l #	16
40) Benzene	6.038	78	1430	0.408	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	607	0.461	ug/l #	1
52) Toluene	8.720	92	763	0.340	ug/l	95
60) Dibromochloromethane	9.275	129	15711	17.020	ug/l #	11
64) Tetrachloroethene	9.275	164	16910	15.450	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	28495	23.018	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	28495	65.588	ug/l #	4

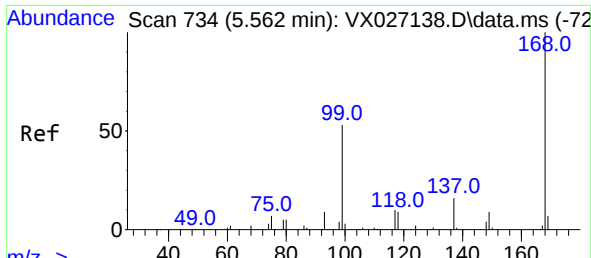
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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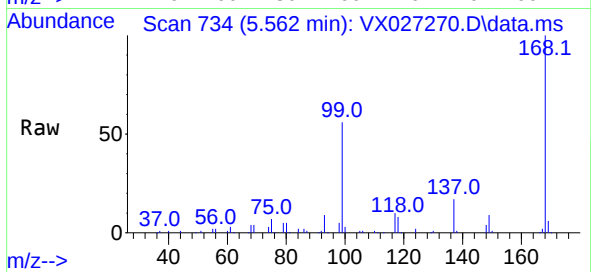
Quant Time: Mar 03 00:07:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



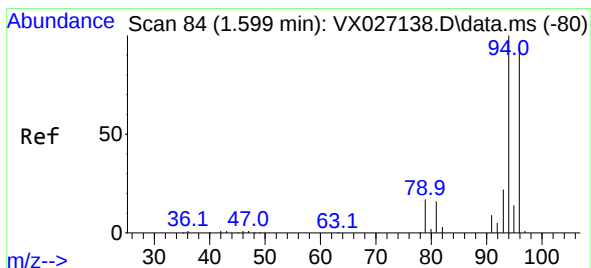
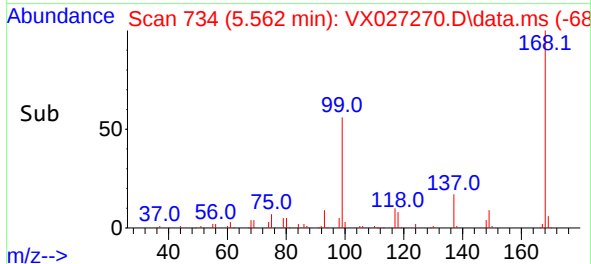
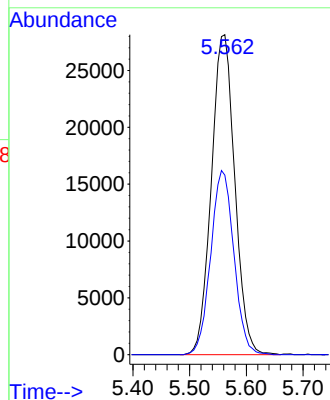


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :

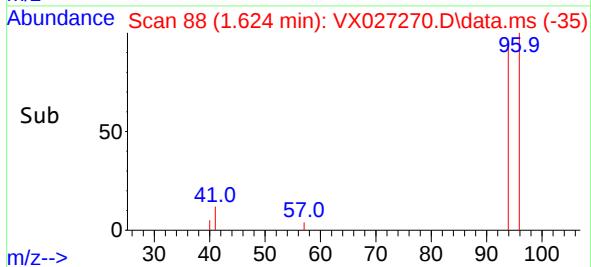
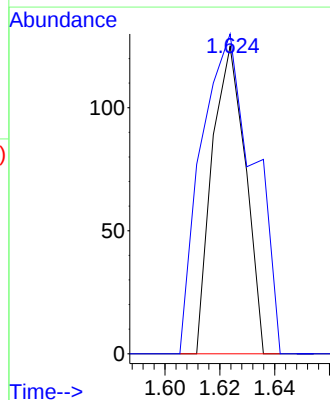
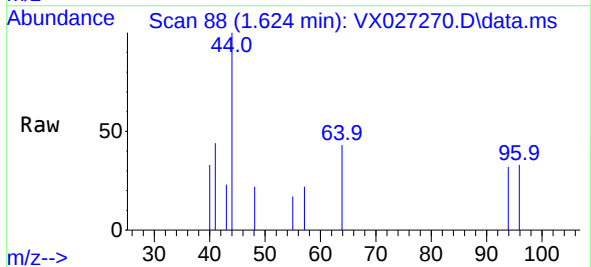


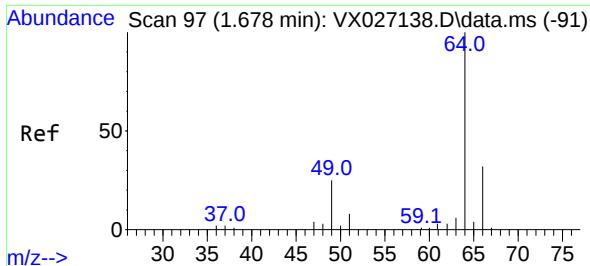
Tgt Ion:168 Resp: 80807
Ion Ratio Lower Upper
168 100
99 56.1 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 104.0 75.9 113.9

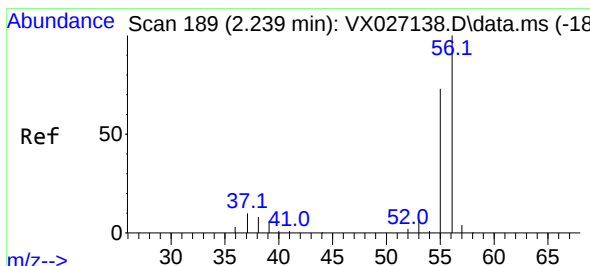
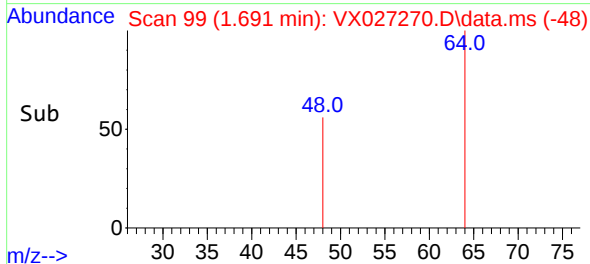
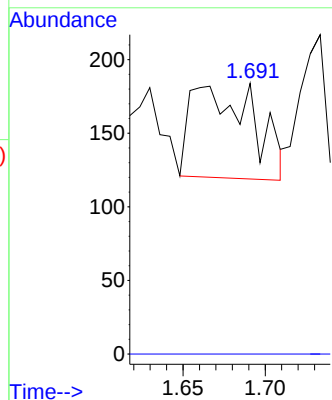
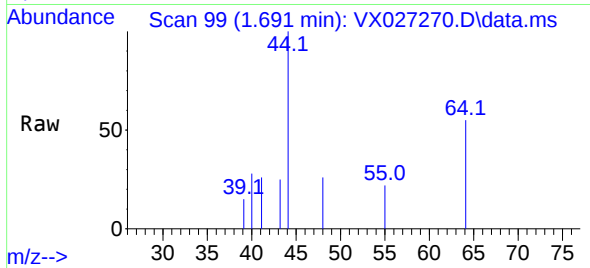




#6
Chloroethane
Concen: 0.359 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

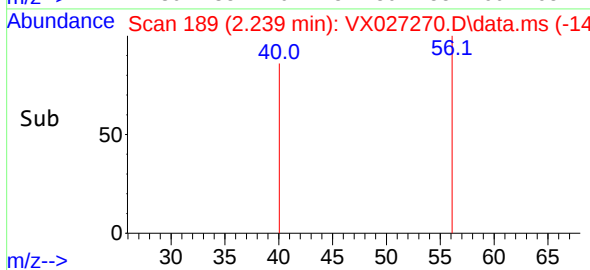
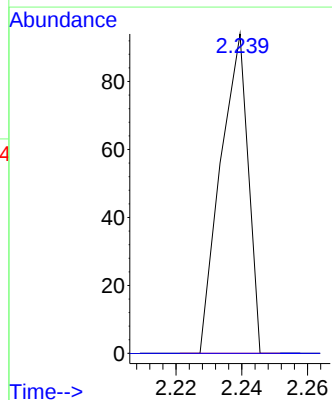
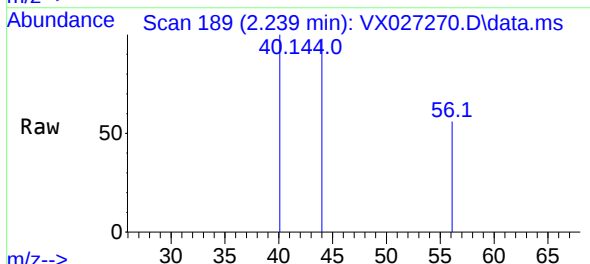
Instrument :
MSVOA_X
ClientSampleId :

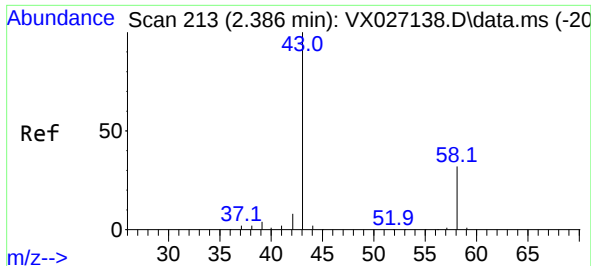
Tgt Ion: 64 Resp: 165
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 0.315 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

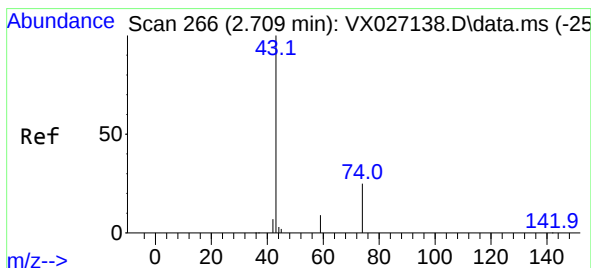
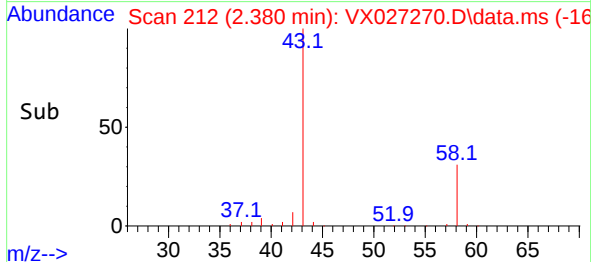
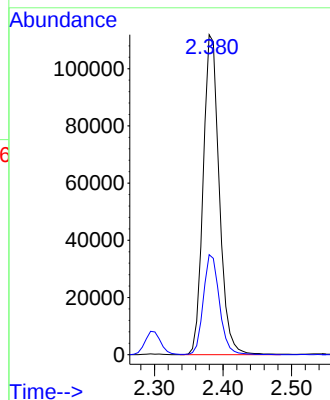
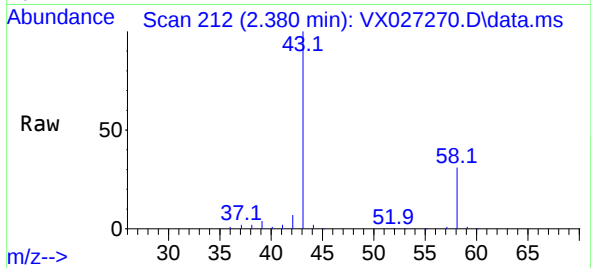




#16
Acetone
Concen: 429.807 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

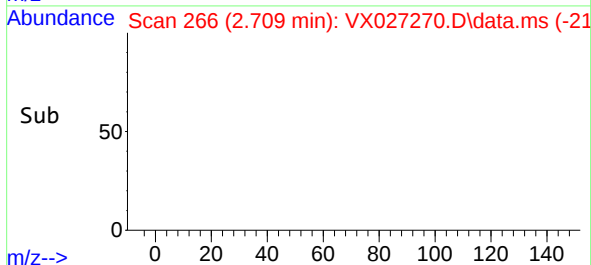
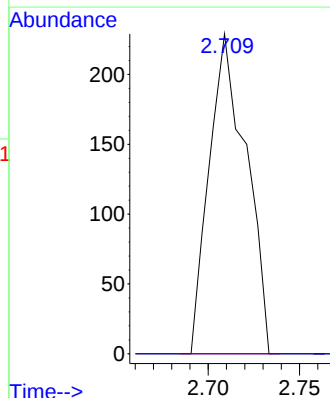
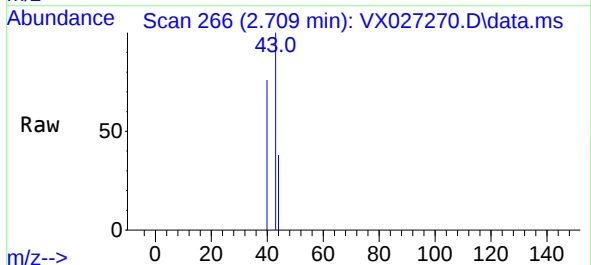
Instrument :
MSVOA_X
ClientSampleId :

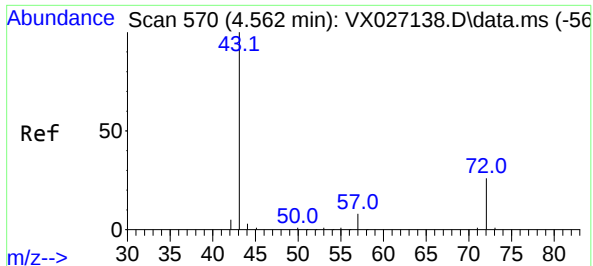
Tgt Ion: 43 Resp: 183143
Ion Ratio Lower Upper
43 100
58 31.2 23.0 34.6



#18
Methyl Acetate
Concen: 0.294 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Tgt Ion: 43 Resp: 323
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#25

2-Butanone

Concen: 0.444 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX027270.D

Acq: 02 Mar 2022 18:14

Instrument :

MSVOA_X

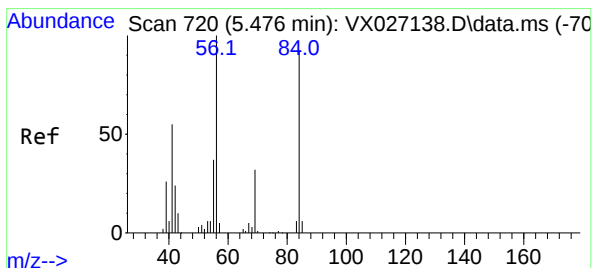
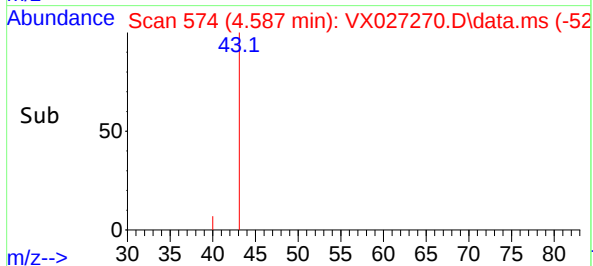
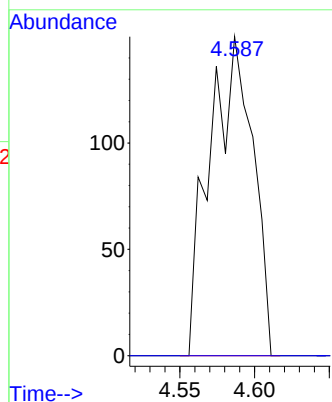
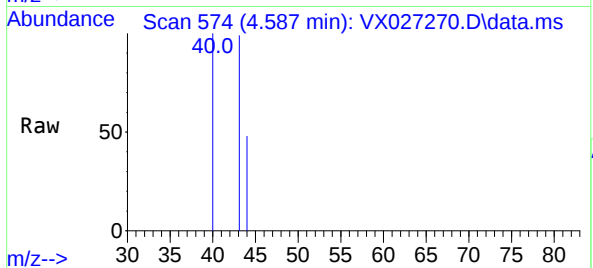
ClientSampleId :

Tgt Ion: 43 Resp: 301

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 1.061 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX027270.D

Acq: 02 Mar 2022 18:14

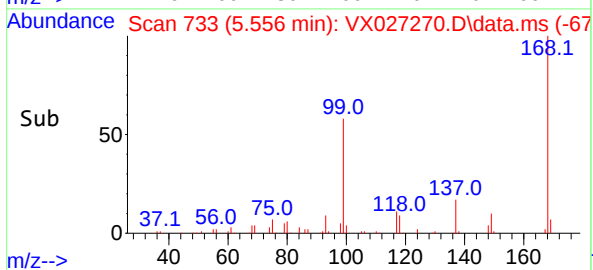
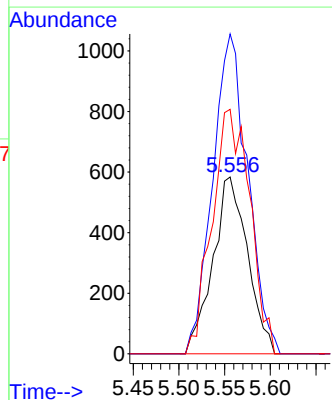
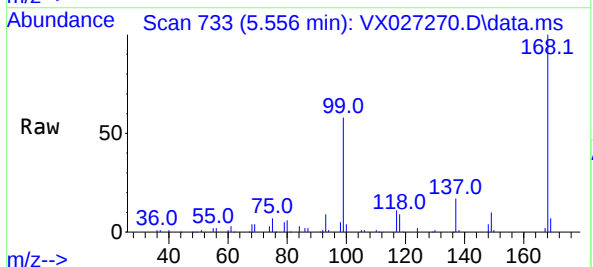
Tgt Ion: 56 Resp: 1542

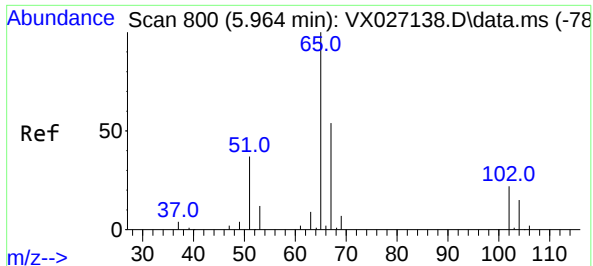
Ion Ratio Lower Upper

56 100

69 180.8 25.8 38.6#

84 138.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.037 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027270.D

Acq: 02 Mar 2022 18:14

Instrument :

MSVOA_X

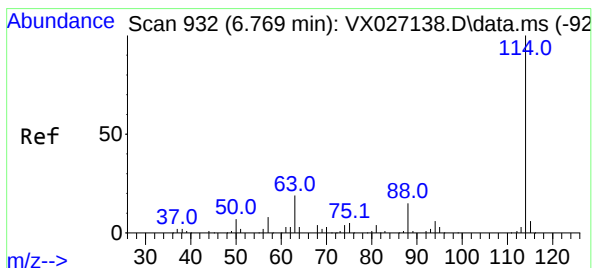
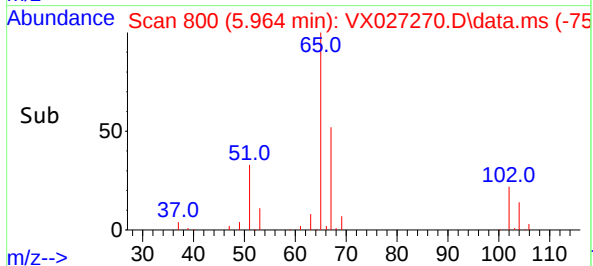
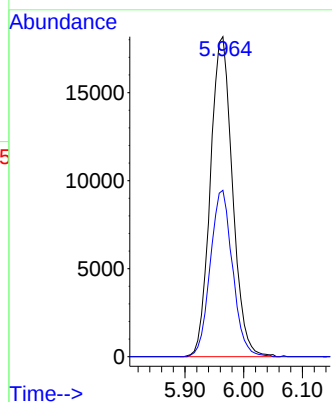
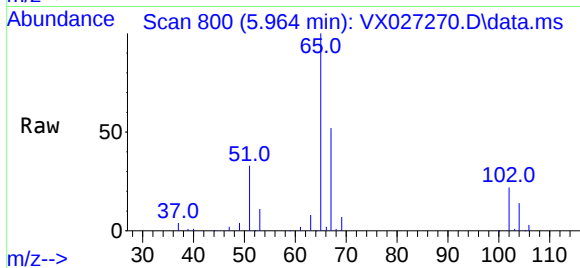
ClientSampleId :

Tgt Ion: 65 Resp: 47590

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027270.D

Acq: 02 Mar 2022 18:14

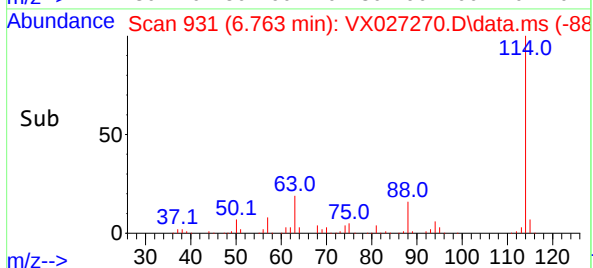
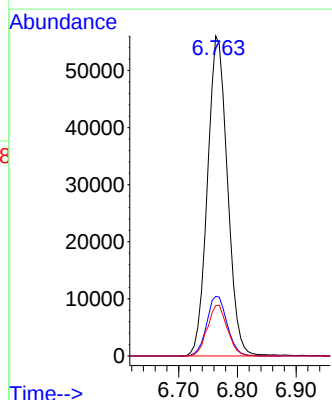
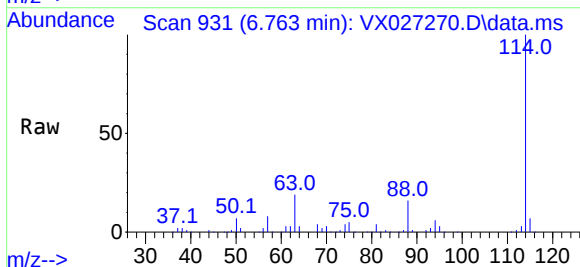
Tgt Ion: 114 Resp: 132443

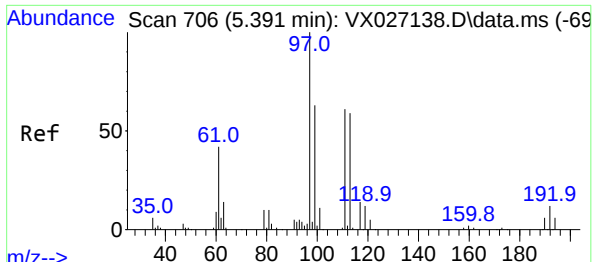
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.8

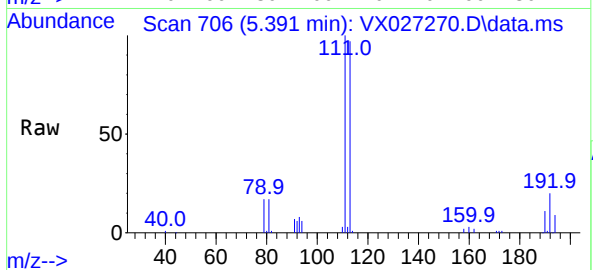
88 15.7 0.0 33.0



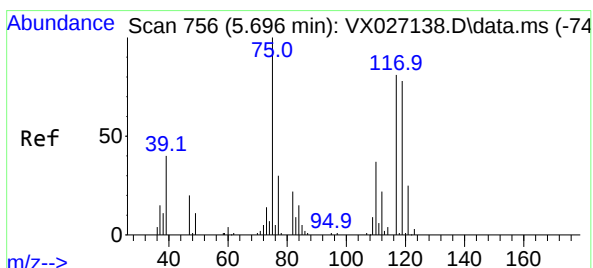
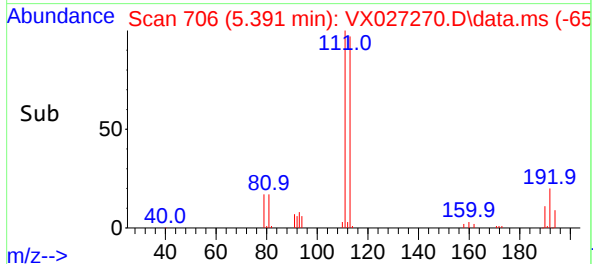
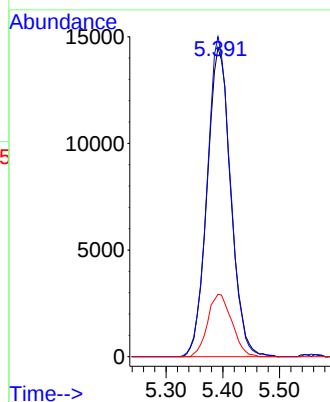


#35
Dibromofluoromethane
Concen: 51.072 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :

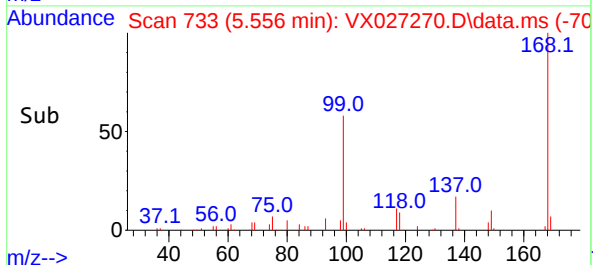
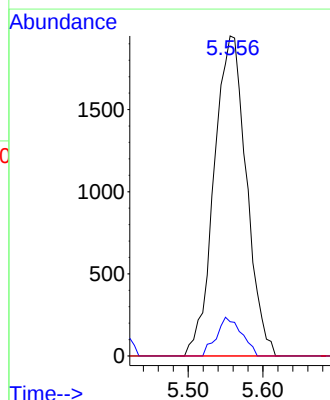
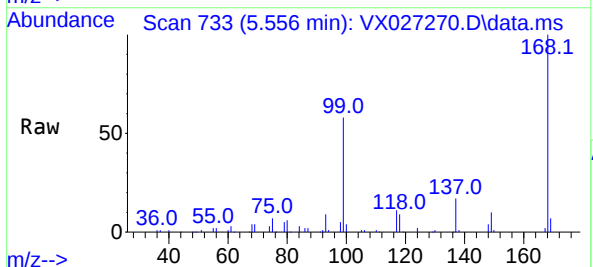


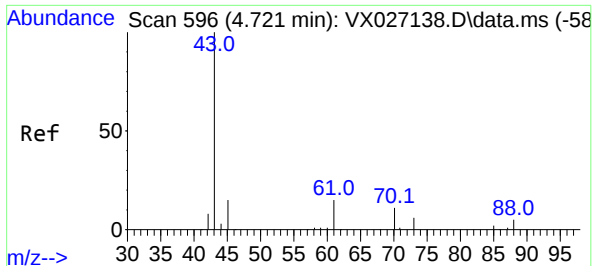
Tgt Ion:113 Resp: 41986
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 20.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Tgt Ion: 75 Resp: 5850
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.228 ug/l

RT: 4.587 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX027270.D

Acq: 02 Mar 2022 18:14

Instrument :

MSVOA_X

ClientSampleId :

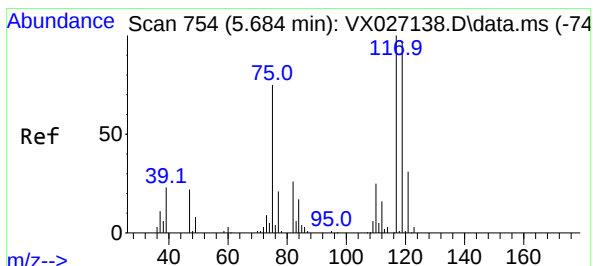
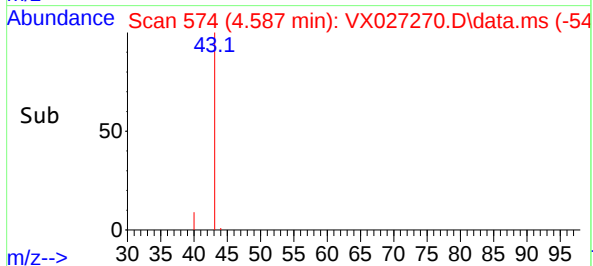
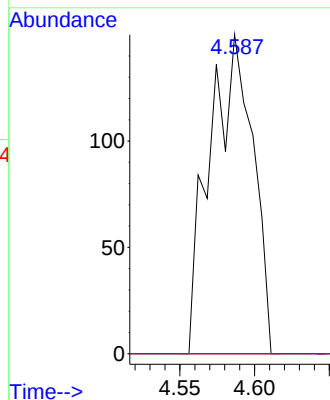
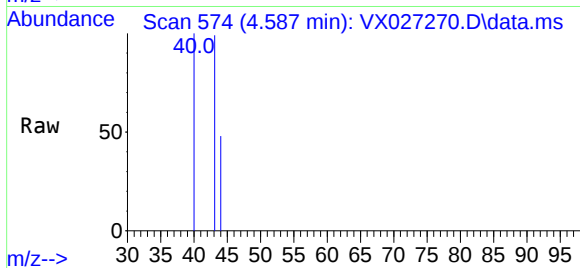
Tgt Ion: 43 Resp: 301

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027270.D

Acq: 02 Mar 2022 18:14

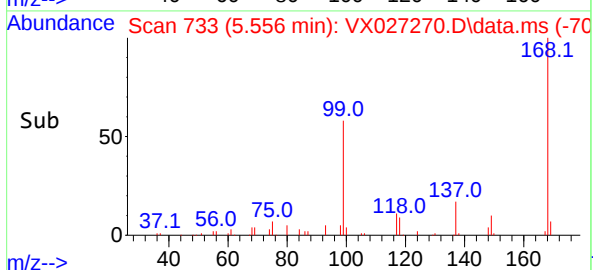
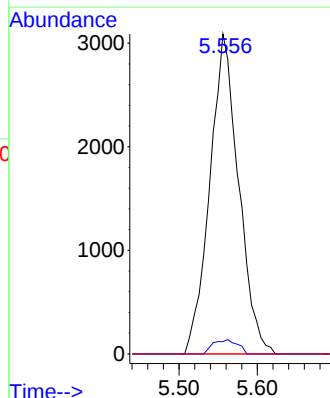
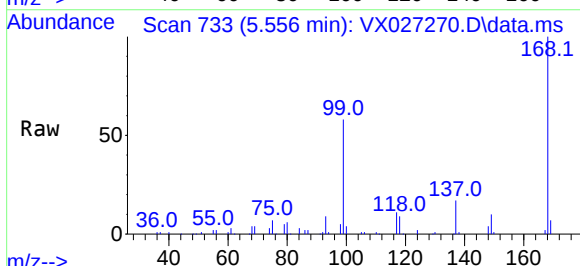
Tgt Ion: 117 Resp: 7887

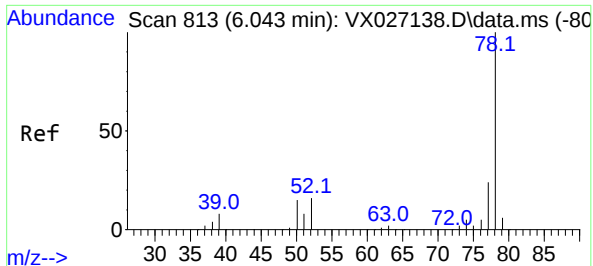
Ion Ratio Lower Upper

117 100

119 3.8 74.7 112.1#

121 0.0 25.4 38.0#





#40

Benzene

Concen: 0.408 ug/l

RT: 6.038 min Scan# 813

Delta R.T. -0.005 min

Lab File: VX027270.D

Acq: 02 Mar 2022 18:14

Instrument :

MSVOA_X

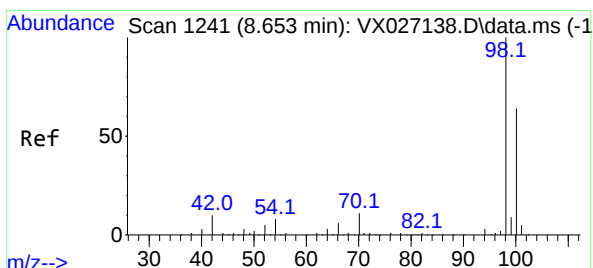
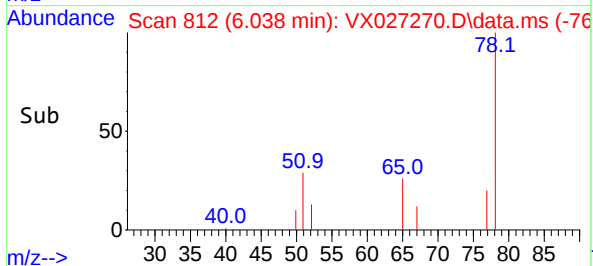
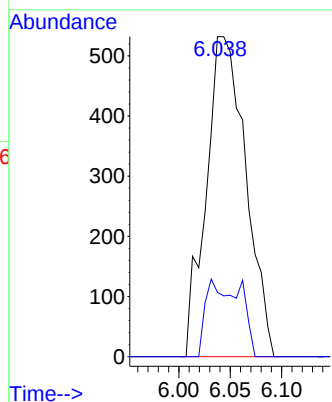
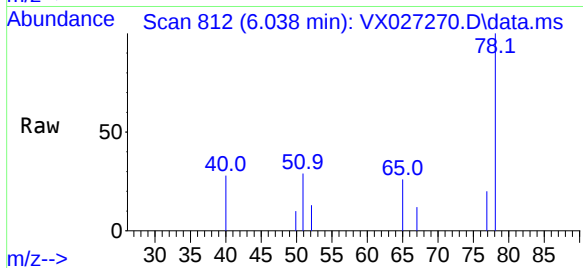
ClientSampleId :

Tgt Ion: 78 Resp: 1430

Ion Ratio Lower Upper

78 100

77 20.1 18.9 28.3



#50

Toluene-d8

Concen: 50.068 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027270.D

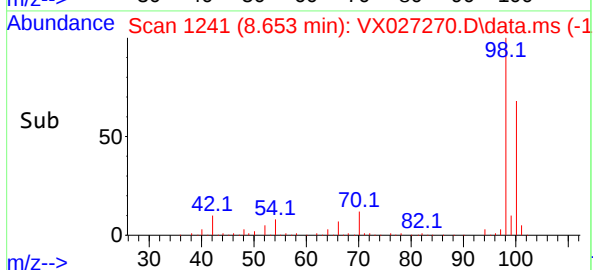
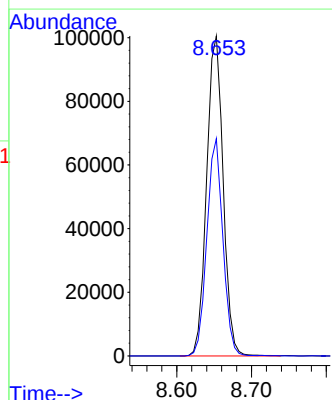
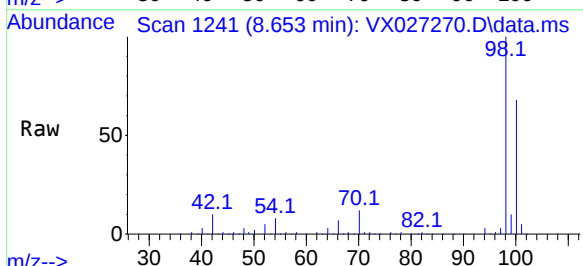
Acq: 02 Mar 2022 18:14

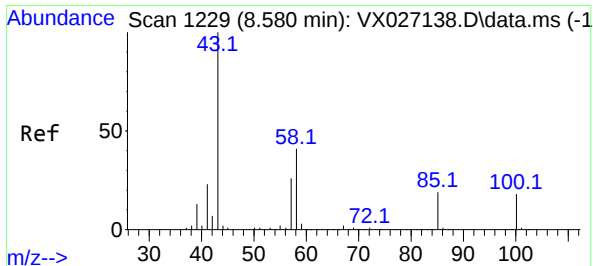
Tgt Ion: 98 Resp: 153904

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8

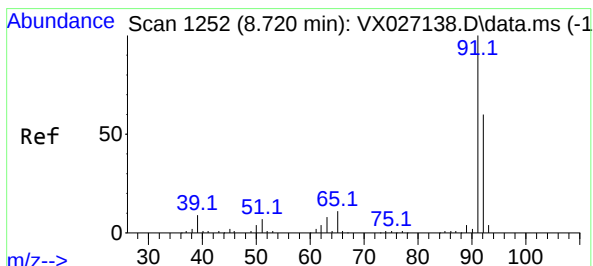
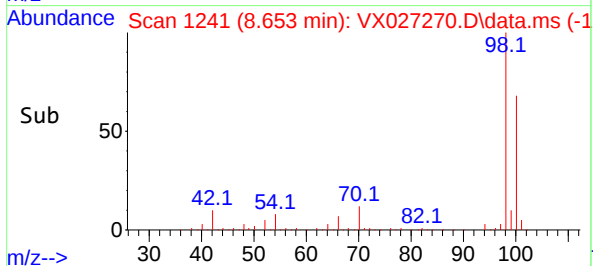
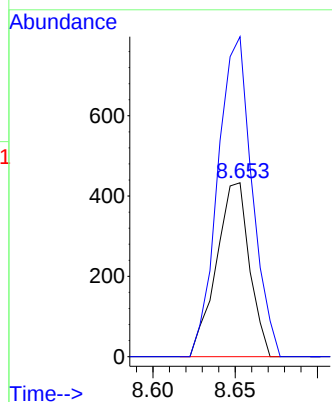
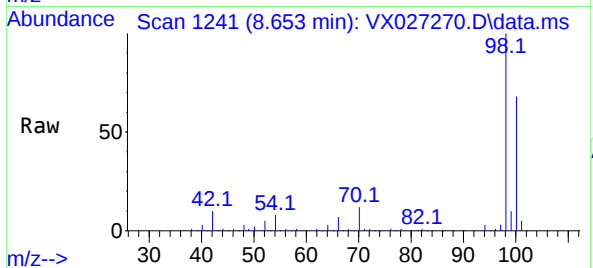




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

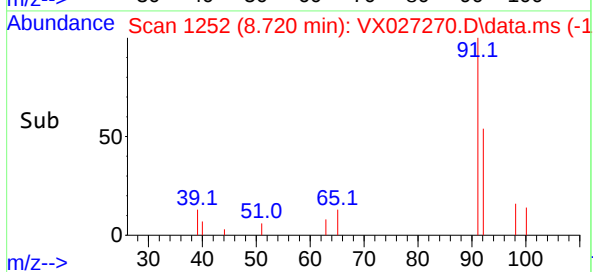
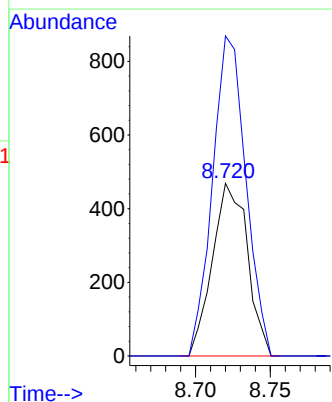
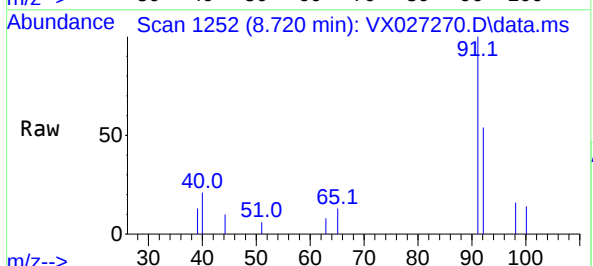
Instrument :
MSVOA_X
ClientSampleId :

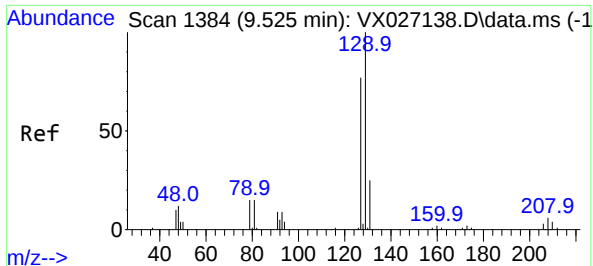
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 190.3 30.5 45.7#



#52
Toluene
Concen: 0.340 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Tgt Ion: 92 Resp: 763
Ion Ratio Lower Upper
92 100
91 176.5 135.7 203.5

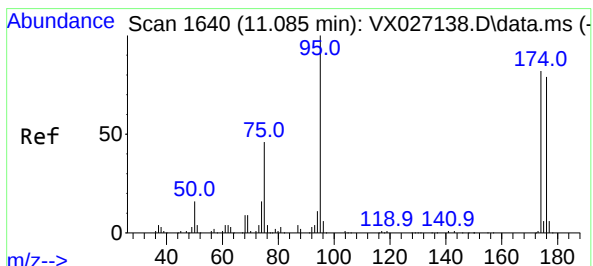
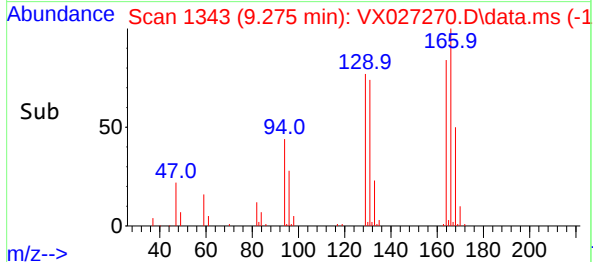
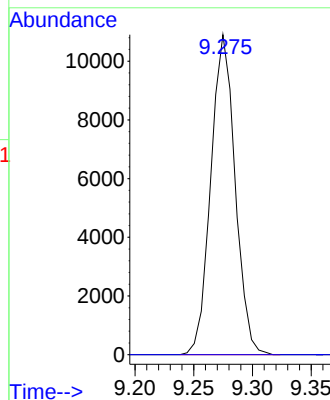
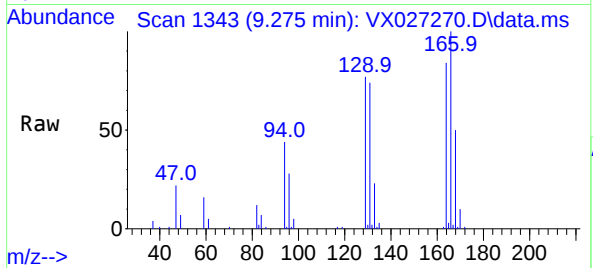




#60
Dibromochloromethane
Concen: 17.020 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

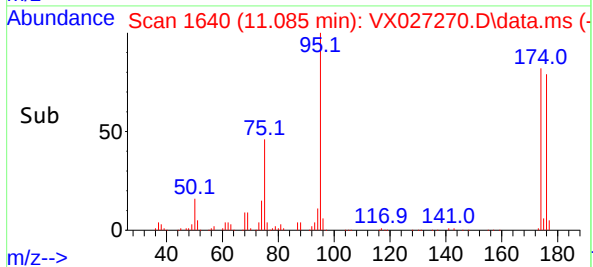
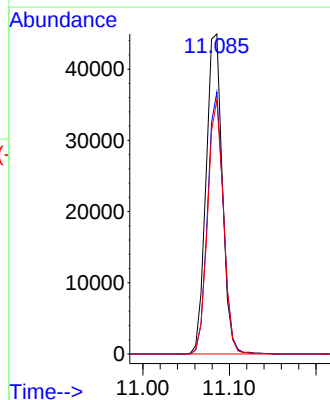
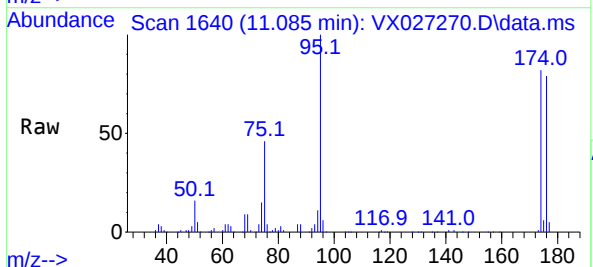
Instrument :
MSVOA_X
ClientSampleId :

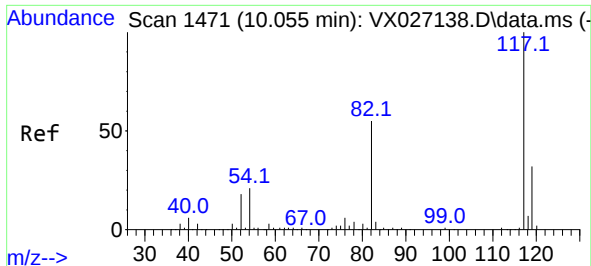
Tgt Ion:129 Resp: 15711
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 49.739 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Tgt Ion: 95 Resp: 58688
Ion Ratio Lower Upper
95 100
174 79.2 0.0 148.6
176 77.1 0.0 141.4

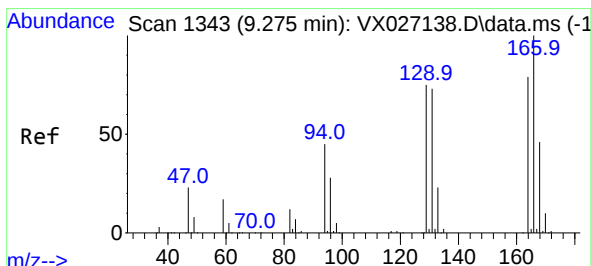
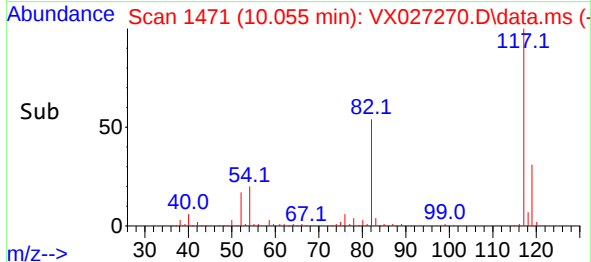
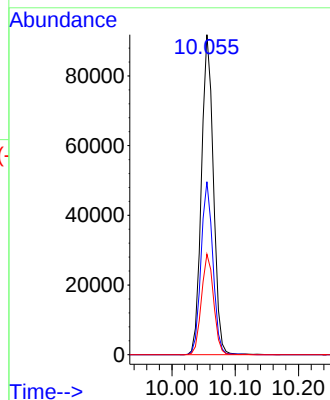
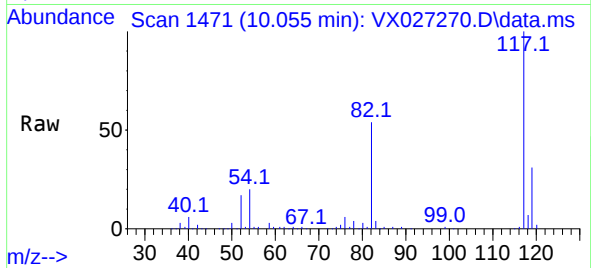




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

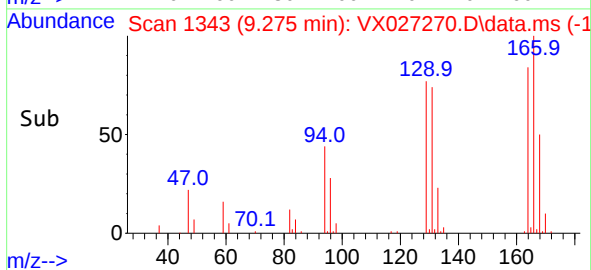
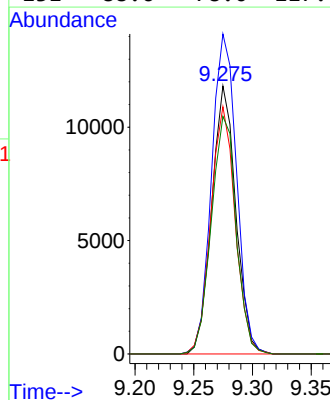
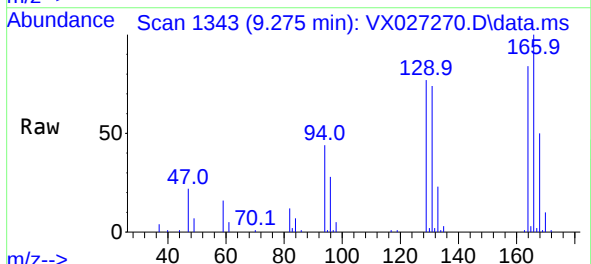
Instrument :
MSVOA_X
ClientSampleId :

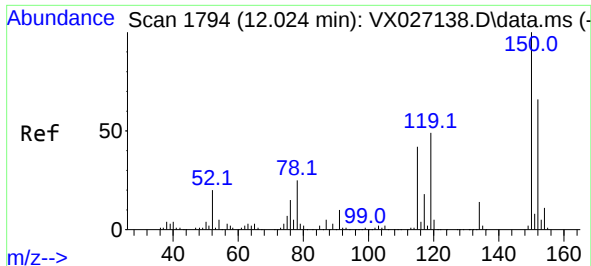
Tgt Ion:117 Resp: 120976
Ion Ratio Lower Upper
117 100
82 54.0 45.2 67.8
119 31.4 26.2 39.2



#64
Tetrachloroethene
Concen: 15.450 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

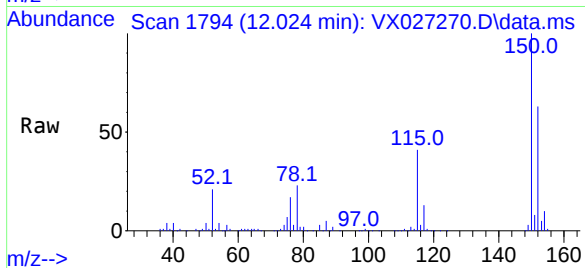
Tgt Ion:164 Resp: 16910
Ion Ratio Lower Upper
164 100
166 119.4 101.8 152.6
129 92.2 83.3 124.9
131 88.6 78.0 117.0



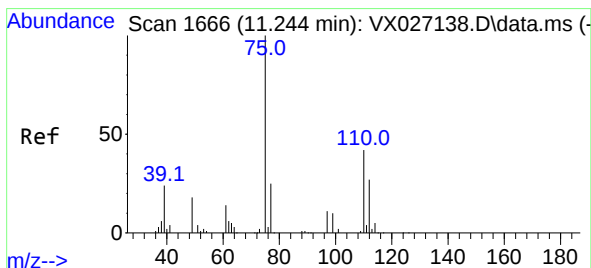
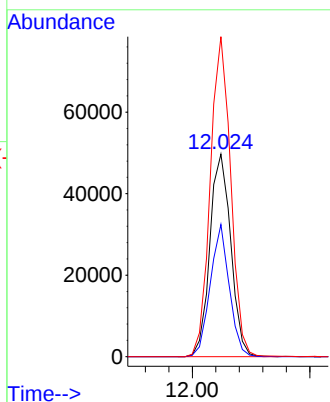
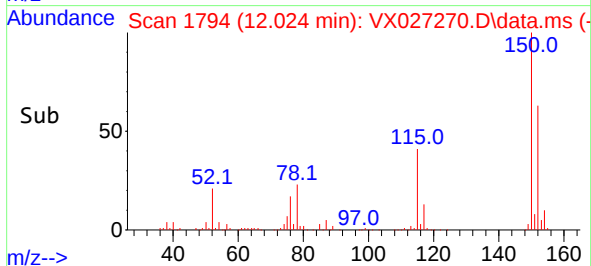


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :

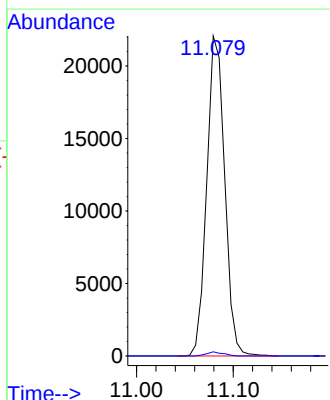
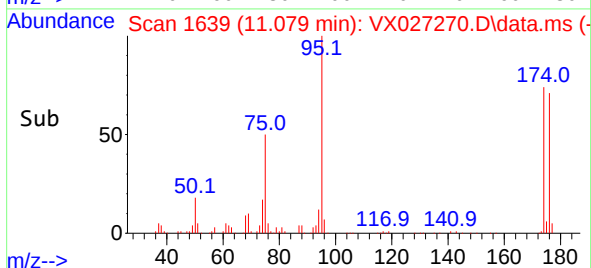
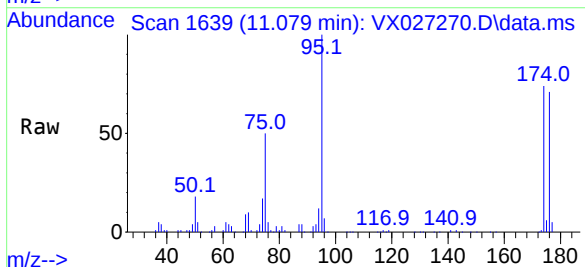


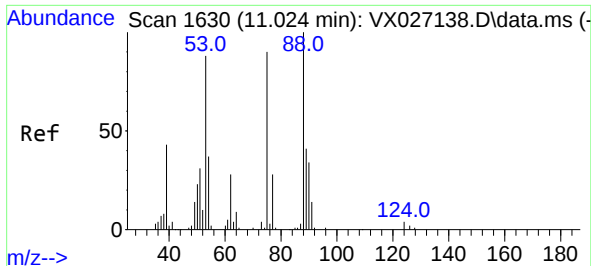
Tgt Ion:152 Resp: 61459
Ion Ratio Lower Upper
152 100
115 59.4 44.2 132.6
150 154.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027270.D
Acq: 02 Mar 2022 18:14

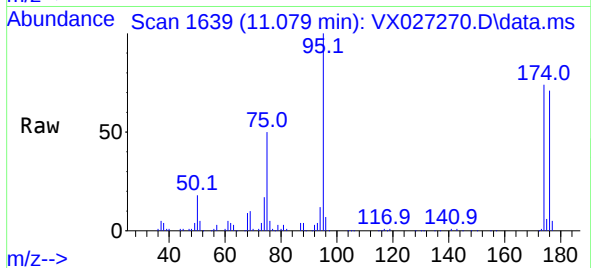
Tgt Ion: 75 Resp: 28495
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.588 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX027270.D
 Acq: 02 Mar 2022 18:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28495
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.1 37.0 55.4#

