

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026169.D
 Acq On : 30 Dec 2021 15:37
 Operator : JC/MD
 Sample : M5207-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-122021

Quant Time: Dec 31 07:09:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

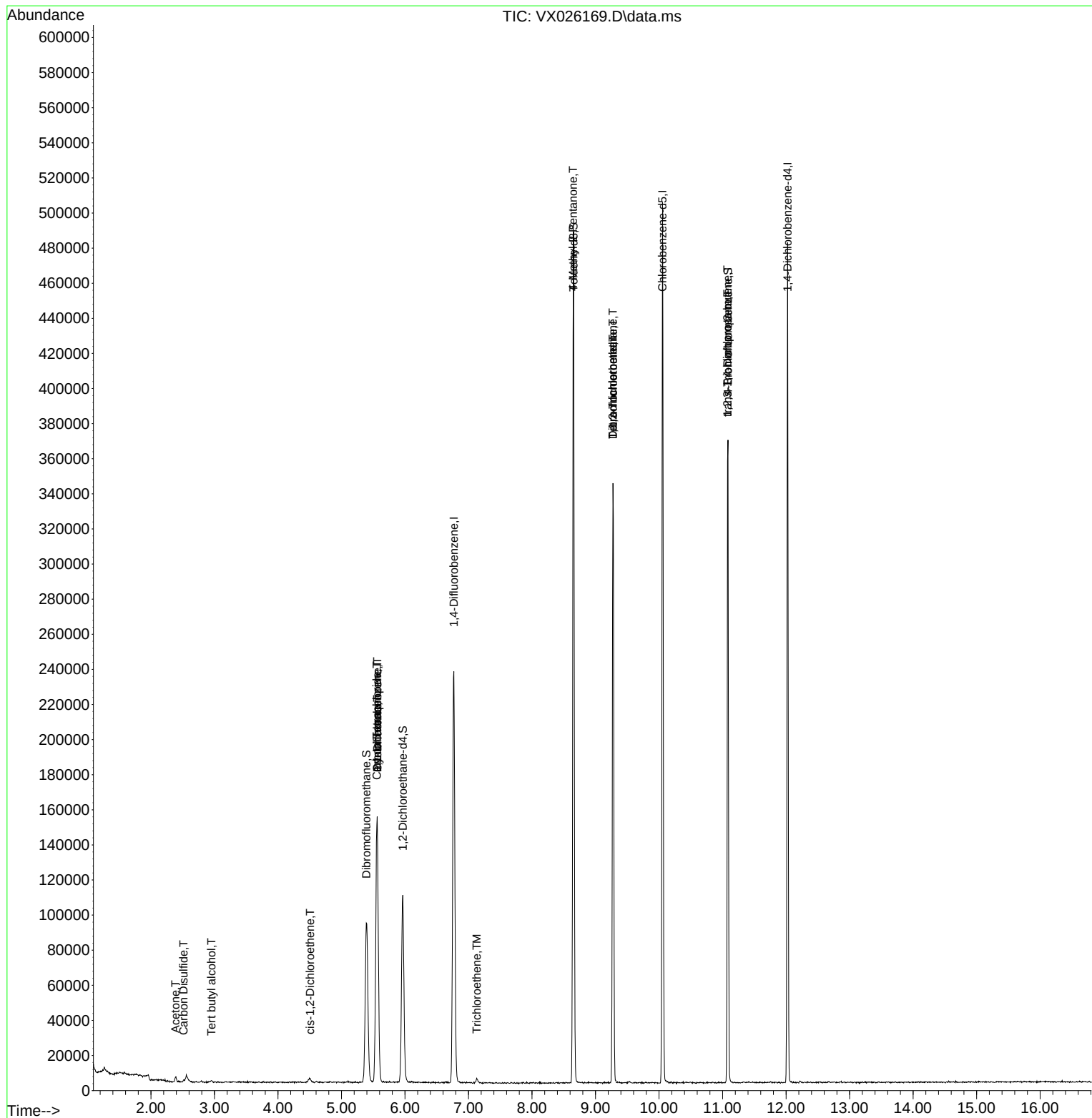
Internal Standards						
1) Pentafluorobenzene	5.562	168	134112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99507	51.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.580%			
35) Dibromofluoromethane	5.391	113	77791	51.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	8.653	98	271884	48.815	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.085	95	93556	47.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.380%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	611	1.577	ug/l #	73
16) Acetone	2.386	43	3577	3.403	ug/l	100
17) Carbon Disulfide	2.514	76	1206	0.283	ug/l #	76
20) Methylene Chloride	2.788	84	319	Below Cal	#	77
27) cis-1,2-Dichloroethene	4.507	96	1444	0.783	ug/l	92
31) Cyclohexane	5.562	56	3650	1.321	ug/l #	36
36) 1,1-Dichloropropene	5.562	75	11794	4.883	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13878	5.166	ug/l #	15
44) Trichloroethene	7.129	130	949	0.512	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	1459	0.514	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	577	0.331	ug/l #	3
60) Dibromochloromethane	9.275	129	58814	29.770	ug/l #	11
64) Tetrachloroethene	9.275	164	61827	35.891	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	53009	24.909	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53009	72.063	ug/l #	10

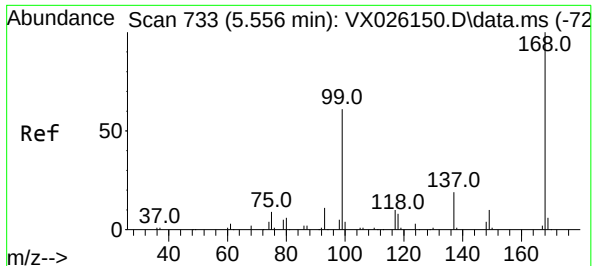
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
Data File : VX026169.D
Acq On : 30 Dec 2021 15:37
Operator : JC/MD
Sample : M5207-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

Quant Time: Dec 31 07:09:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

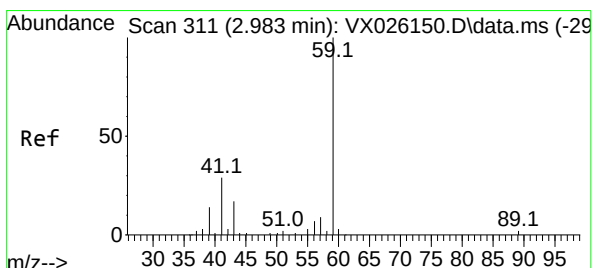
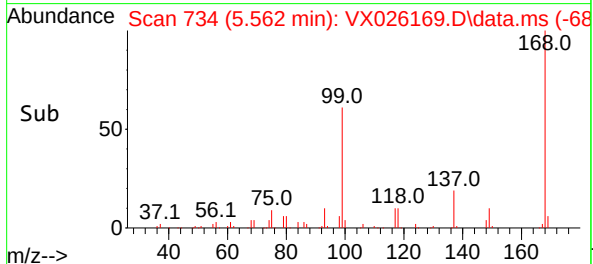
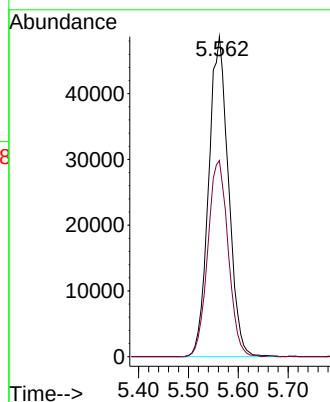
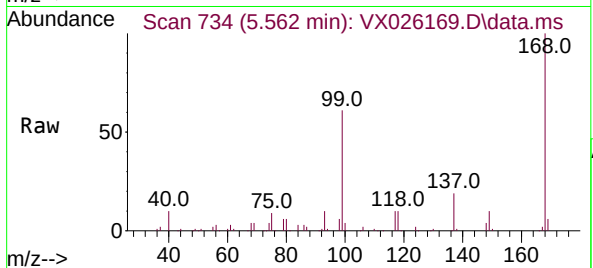




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

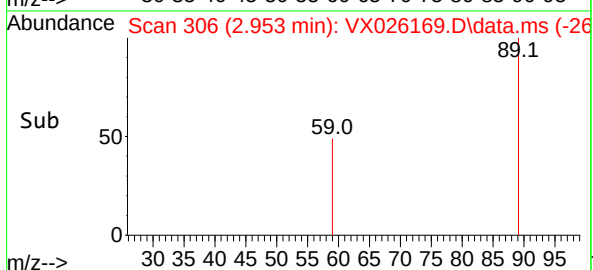
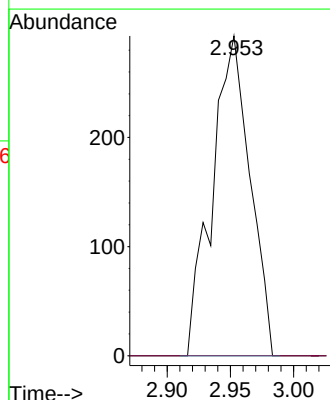
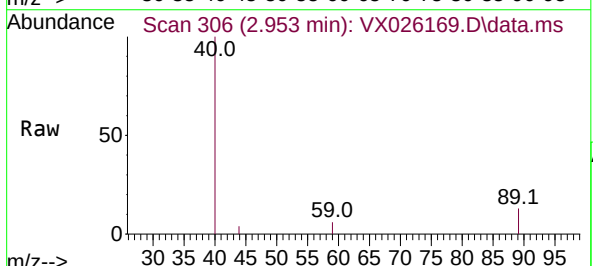
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

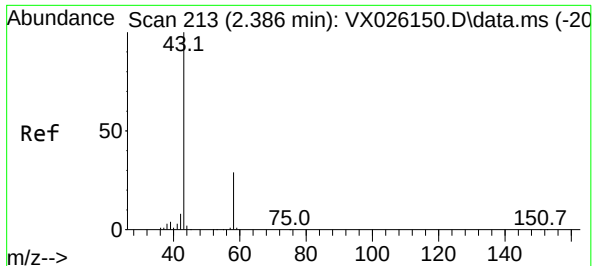
Tgt Ion:168 Resp: 134112
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.577 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

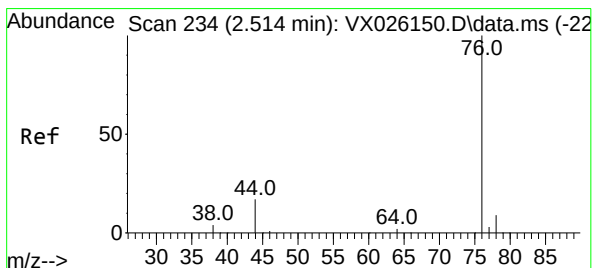
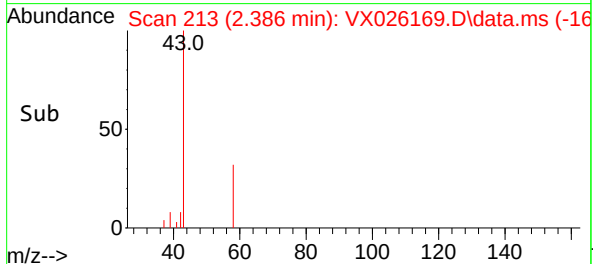
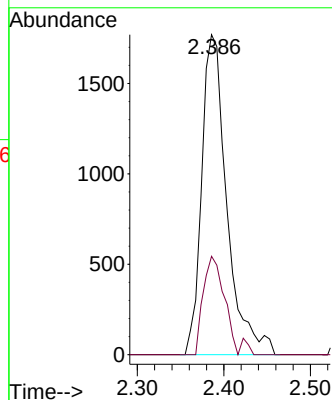
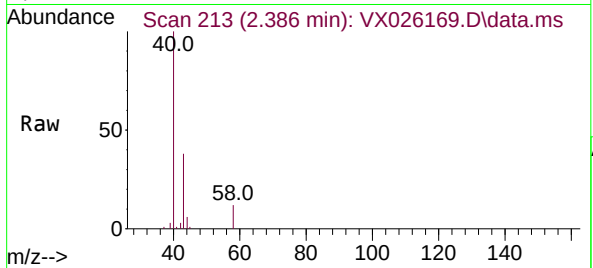




#16
Acetone
Concen: 3.403 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

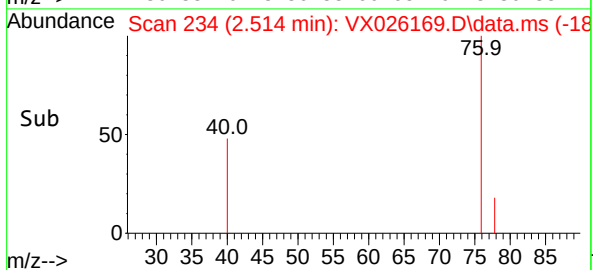
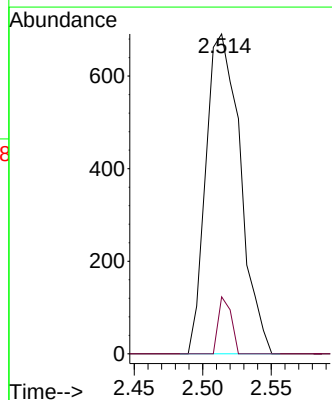
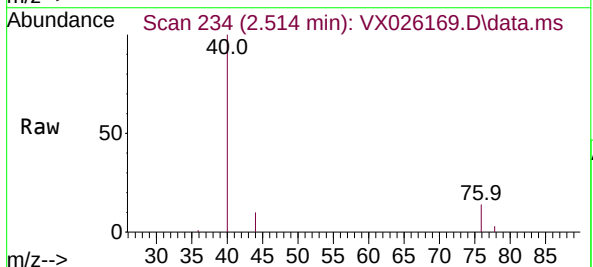
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

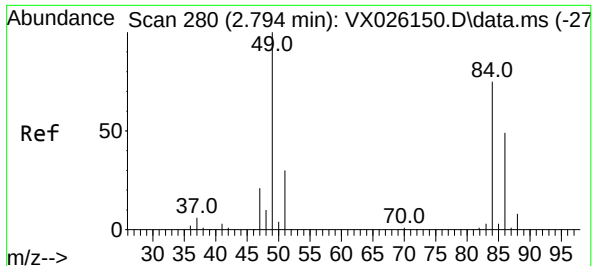
Tgt Ion: 43 Resp: 3577
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2



#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion: 76 Resp: 1206
Ion Ratio Lower Upper
76 100
78 17.8 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX026169.D

Acq: 30 Dec 2021 15:37

Instrument :

MSVOA_X

ClientSampleId :

SUMP-122021

Tgt Ion: 84 Resp: 319

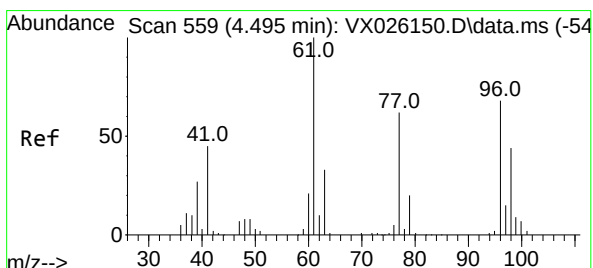
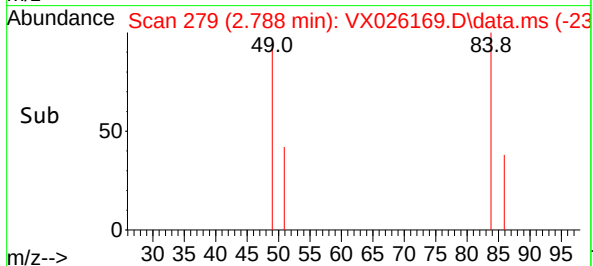
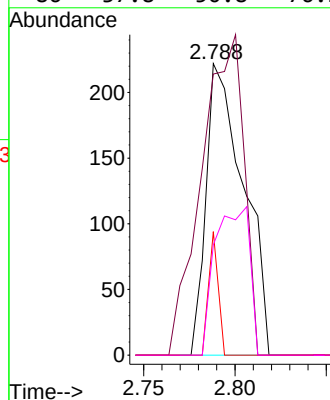
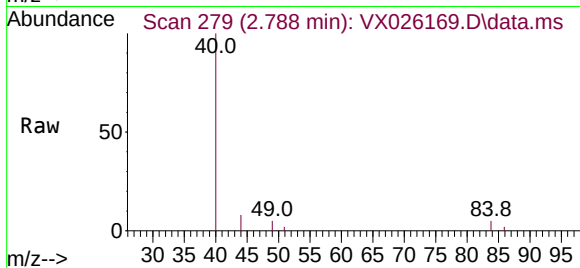
Ion Ratio Lower Upper

84 100

49 96.4 97.1 145.7#

51 42.3 29.3 43.9

86 37.8 50.8 76.2#



#27

cis-1,2-Dichloroethene

Concen: 0.783 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX026169.D

Acq: 30 Dec 2021 15:37

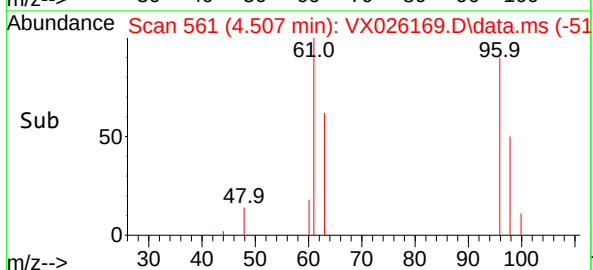
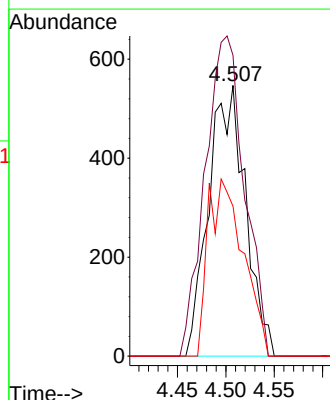
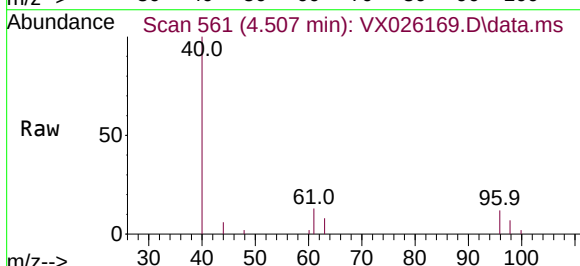
Tgt Ion: 96 Resp: 1444

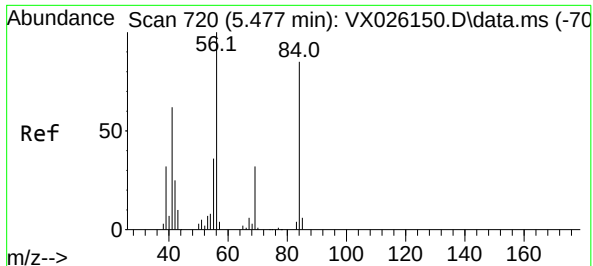
Ion Ratio Lower Upper

96 100

61 126.2 0.0 276.8

98 63.0 0.0 130.6

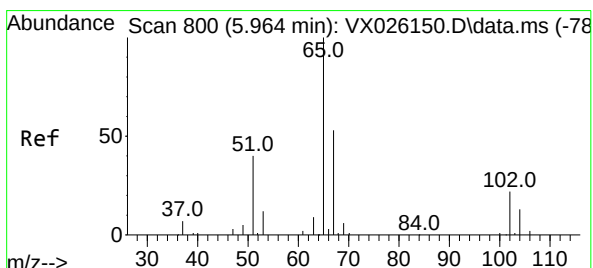
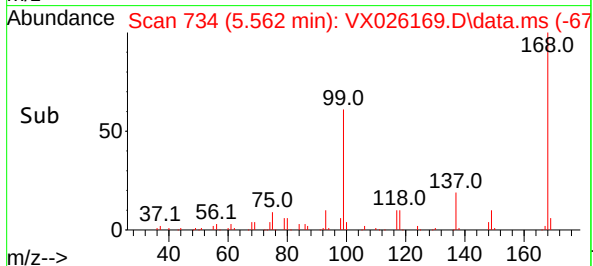
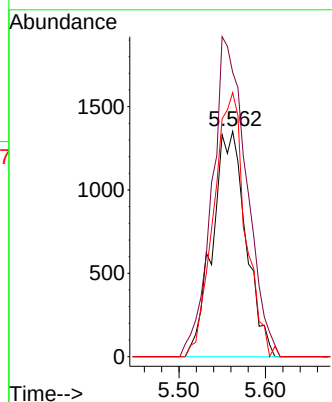
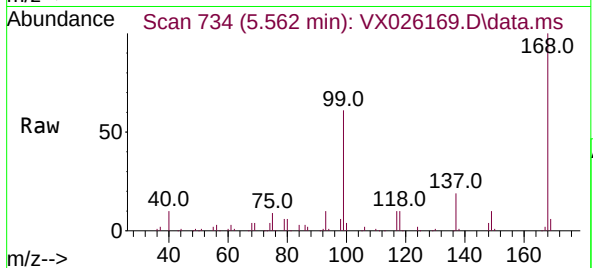




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

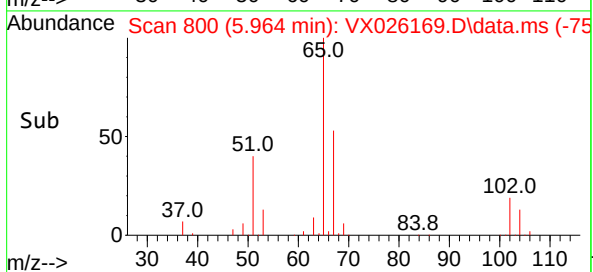
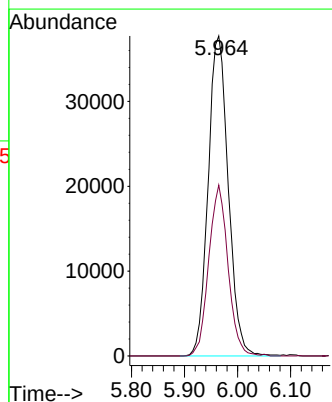
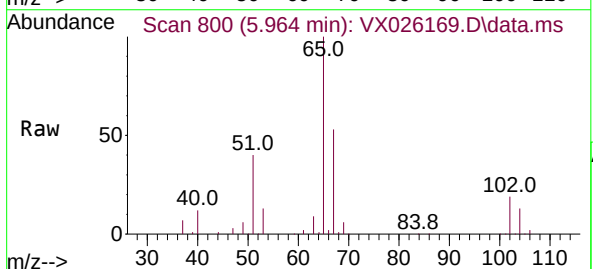
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

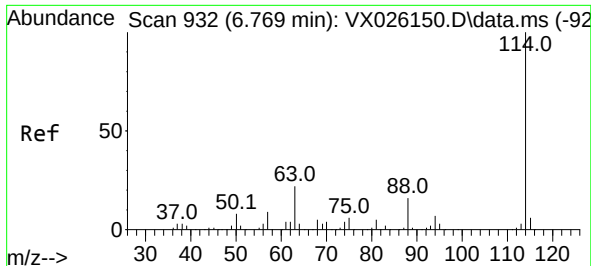
Tgt Ion: 56 Resp: 3650
Ion Ratio Lower Upper
56 100
69 126.2 23.9 35.9#
84 117.2 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 51.287 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion: 65 Resp: 99507
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

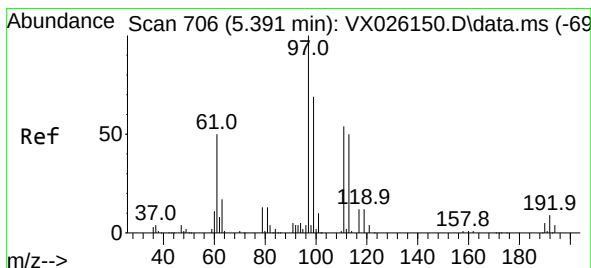
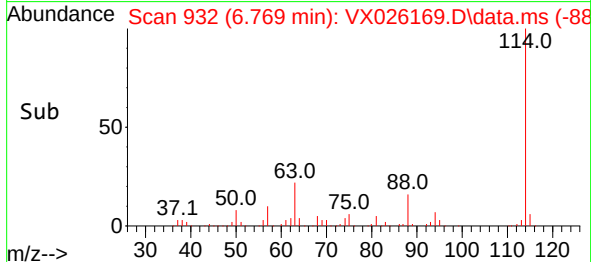
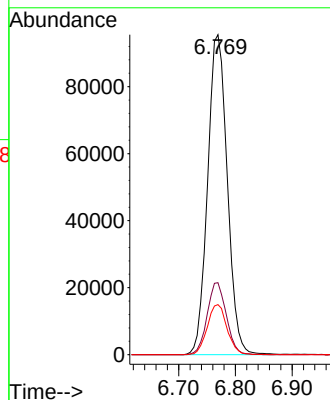
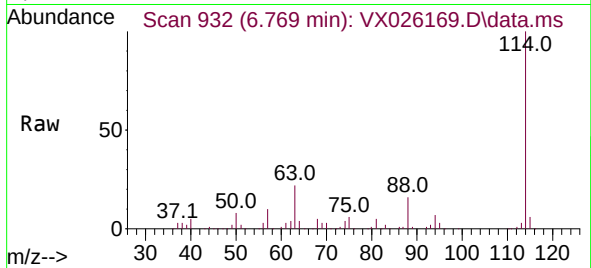




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

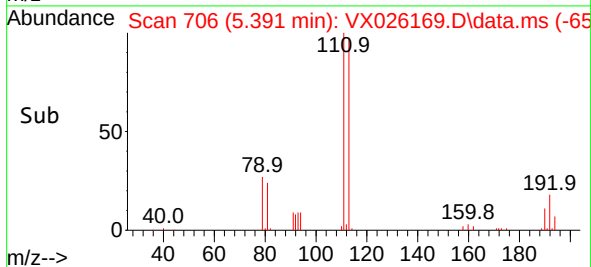
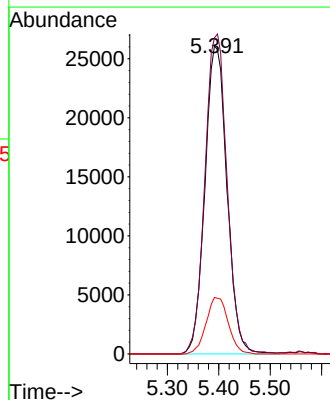
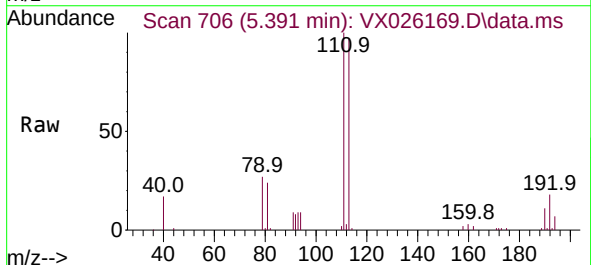
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

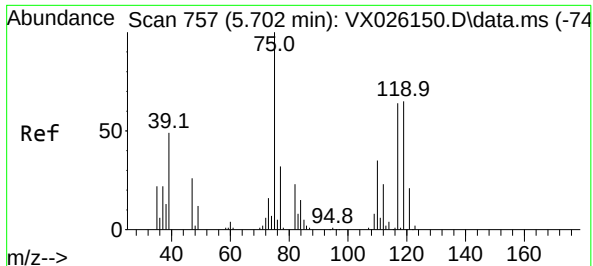
Tgt Ion:114 Resp: 230317
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.0
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.952 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion:113 Resp: 77791
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 18.4 15.0 22.4

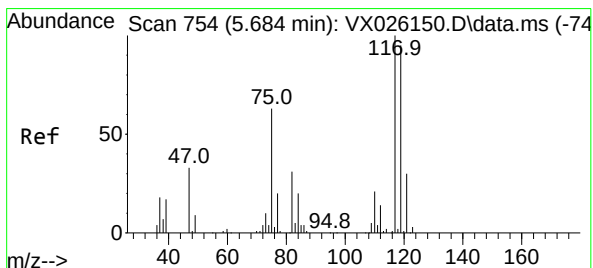
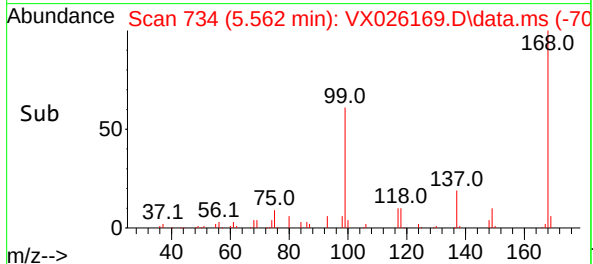
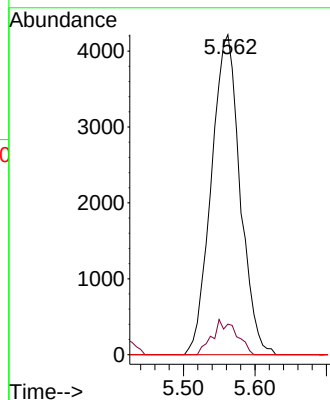
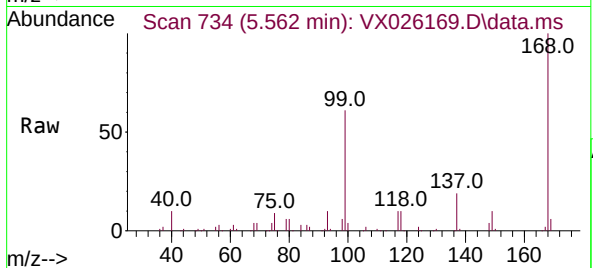




#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

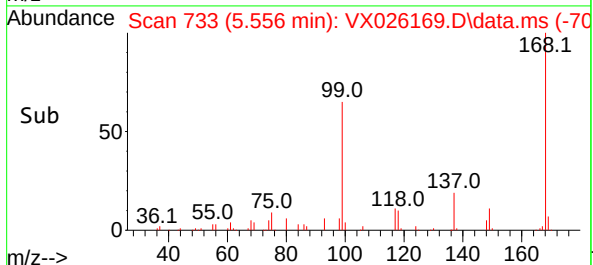
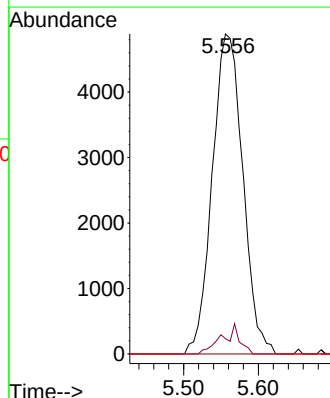
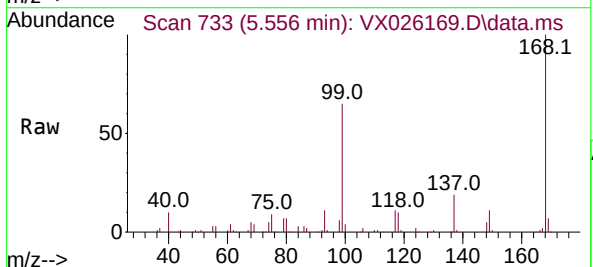
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

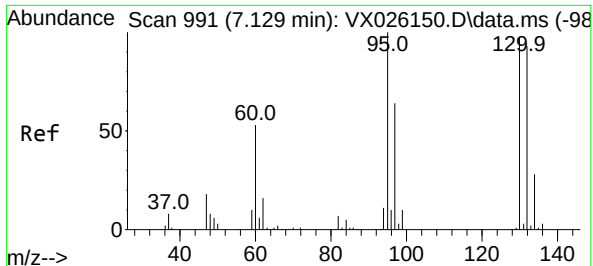
Tgt Ion: 75 Resp: 11794
Ion Ratio Lower Upper
75 100
110 9.1 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion: 117 Resp: 13878
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 23.8 35.8#

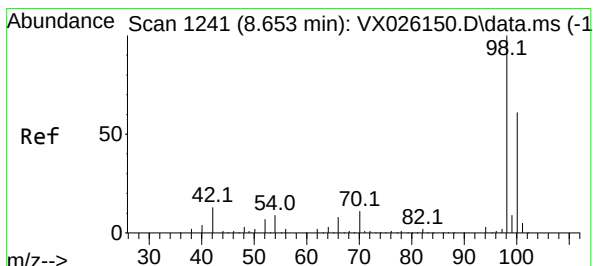
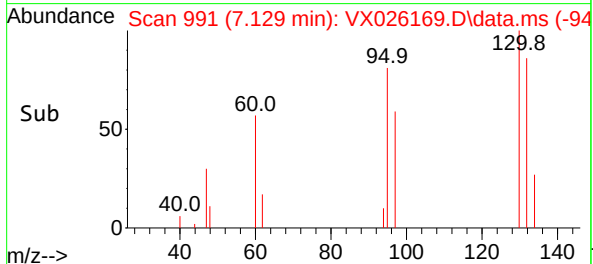
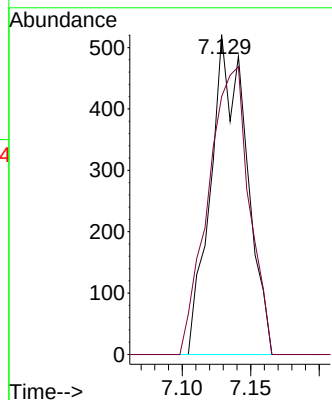
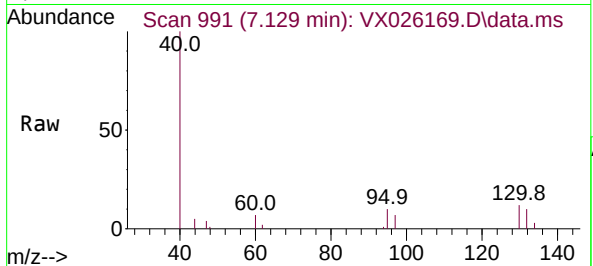




#44
Trichloroethene
Concen: 0.512 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

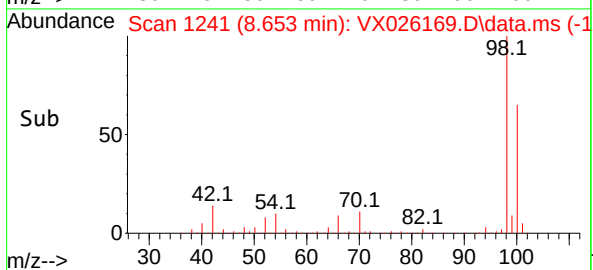
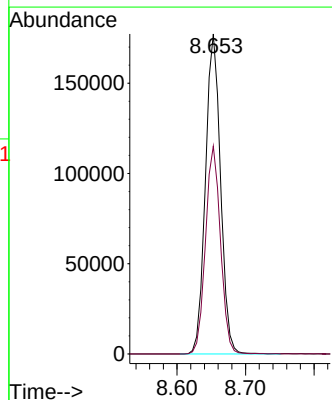
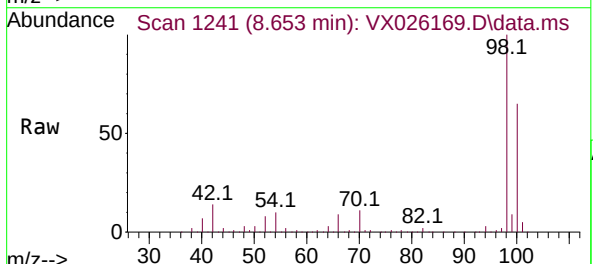
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

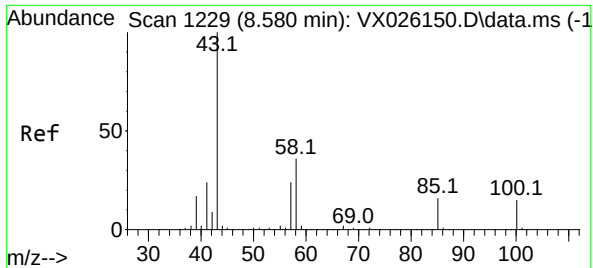
Tgt Ion:130 Resp: 949
Ion Ratio Lower Upper
130 100
95 80.6 0.0 186.4



#50
Toluene-d8
Concen: 48.815 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion: 98 Resp: 271884
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

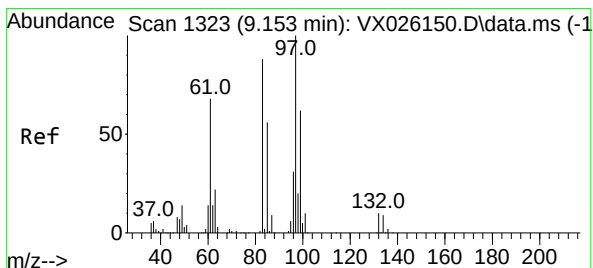
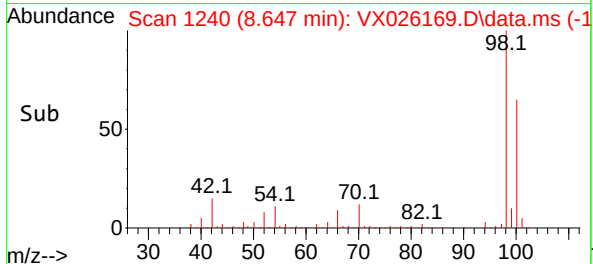
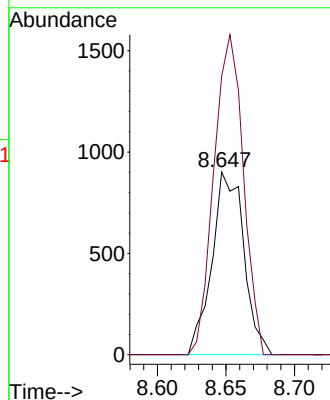
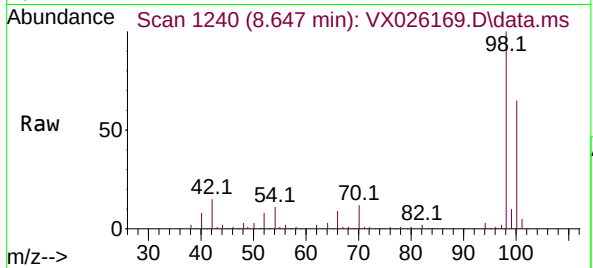




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

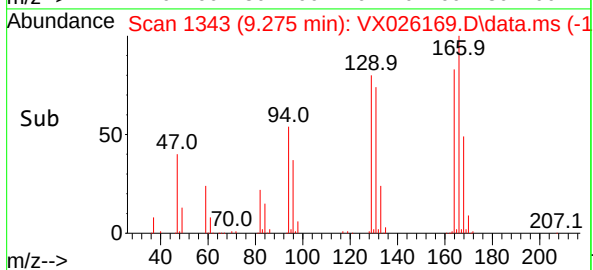
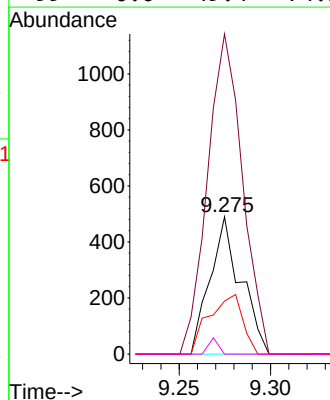
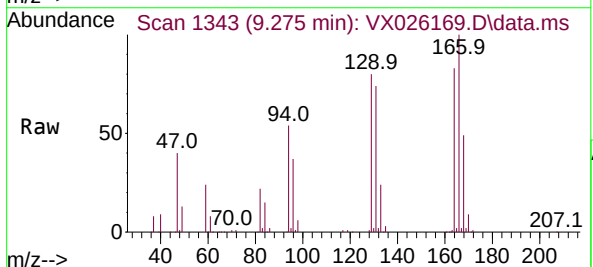
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

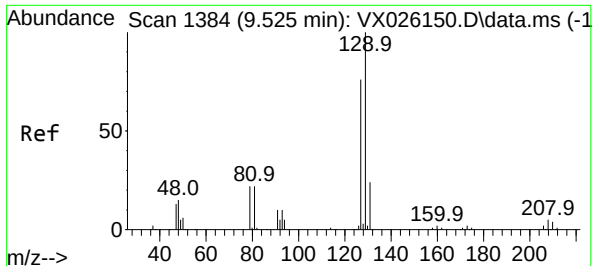
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 161.8 30.8 46.2#



#55
1,1,2-Trichloroethane
Concen: 0.331 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion: 97 Resp: 577
Ion Ratio Lower Upper
97 100
83 233.3 70.5 105.7#
85 38.6 43.8 65.6#
99 0.0 49.4 74.2#

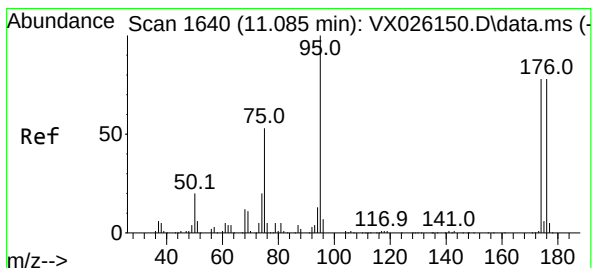
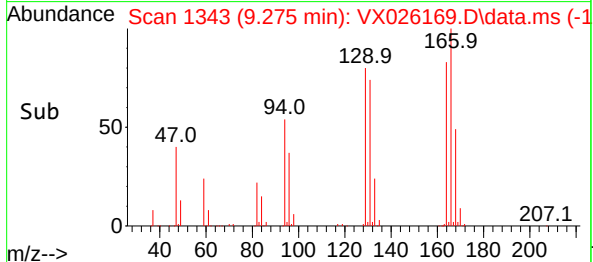
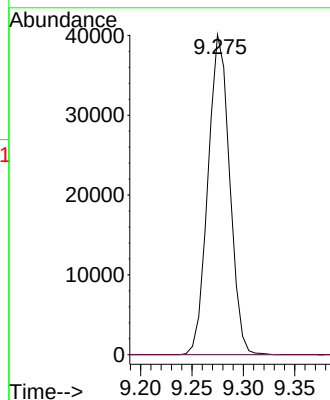
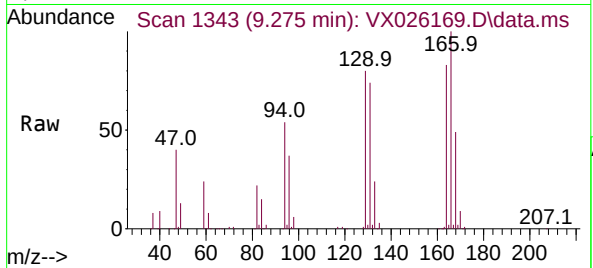




#60
Dibromochloromethane
Concen: 29.770 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

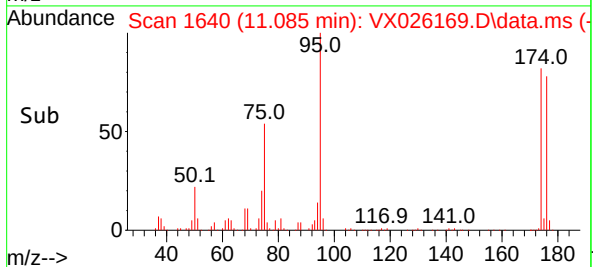
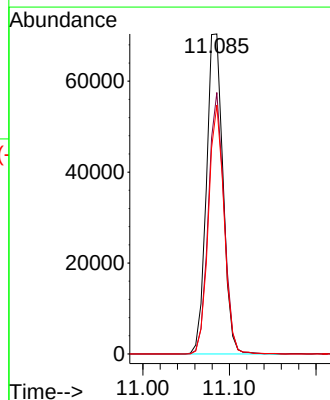
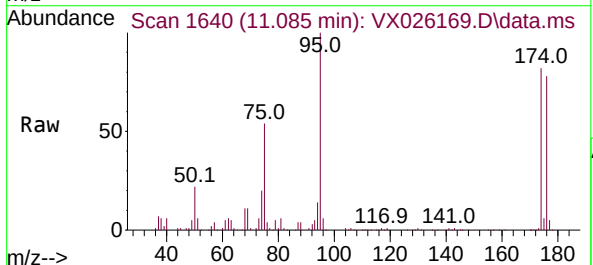
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

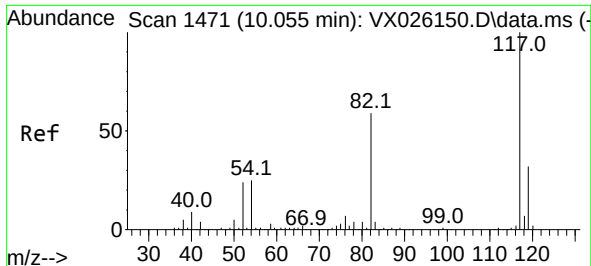
Tgt Ion:129 Resp: 58814
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 47.186 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion: 95 Resp: 93556
Ion Ratio Lower Upper
95 100
174 77.4 0.0 157.4
176 73.8 0.0 154.6

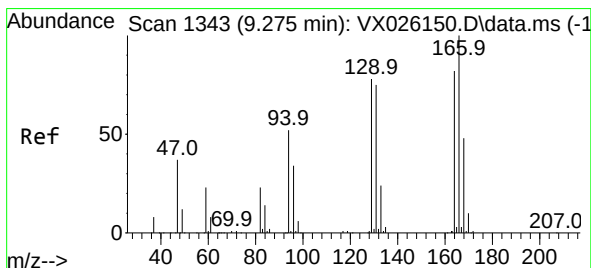
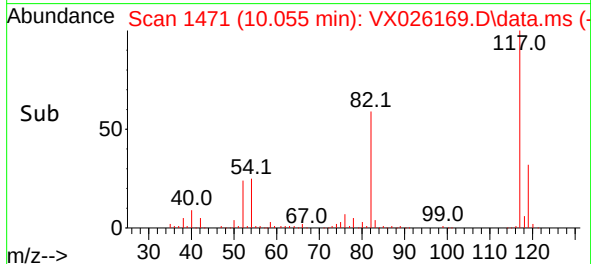
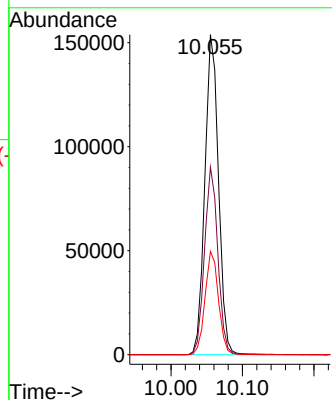
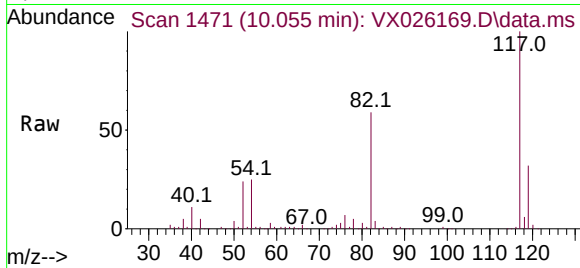




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

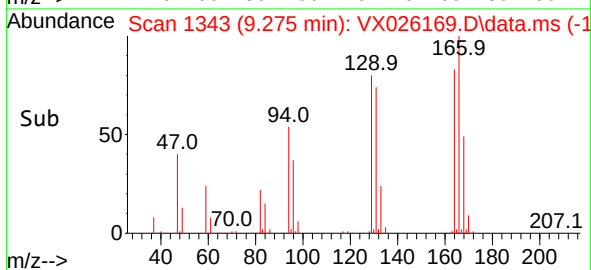
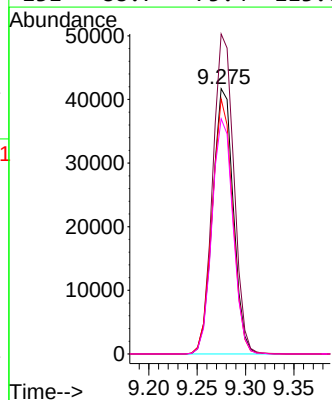
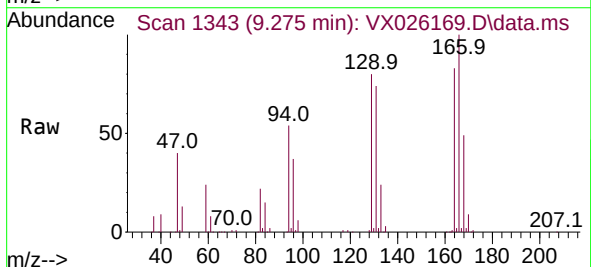
Instrument :
MSVOA_X
ClientSampleId :
SUMP-122021

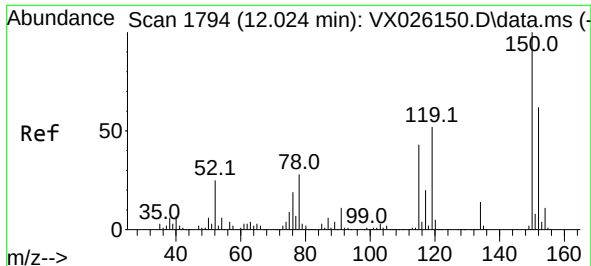
Tgt Ion:117 Resp: 204134
Ion Ratio Lower Upper
117 100
82 58.6 43.8 65.6
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 35.891 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX026169.D
Acq: 30 Dec 2021 15:37

Tgt Ion:164 Resp: 61827
Ion Ratio Lower Upper
164 100
166 120.6 99.4 149.0
129 96.2 78.6 118.0
131 88.7 75.4 113.0

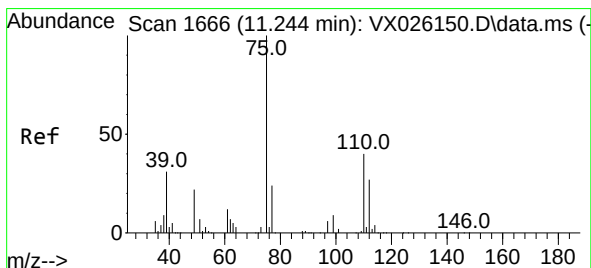
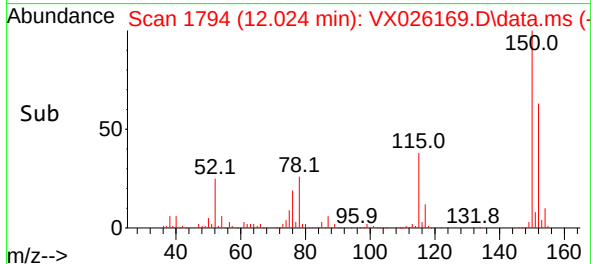
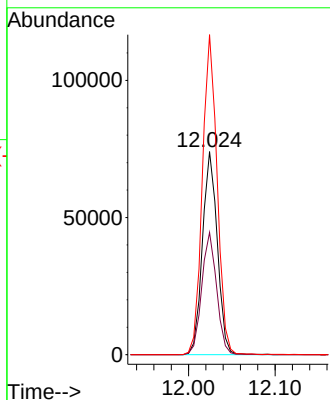
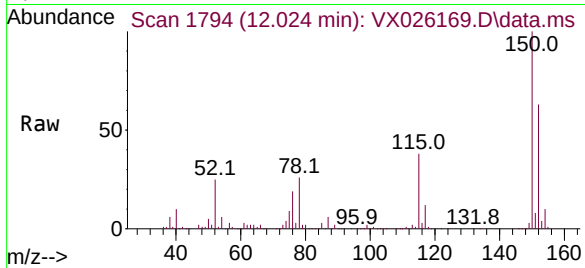




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026169.D
 Acq: 30 Dec 2021 15:37

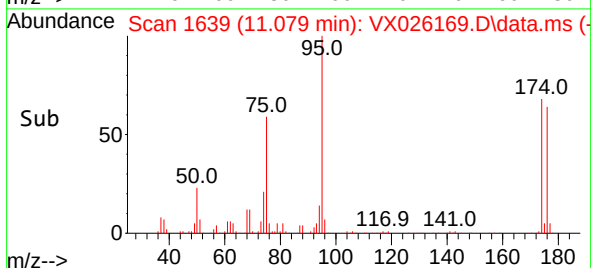
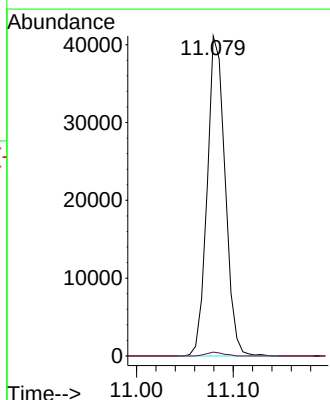
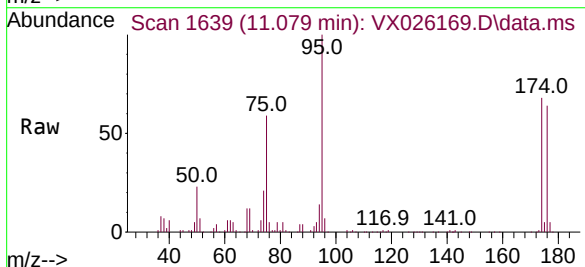
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-122021

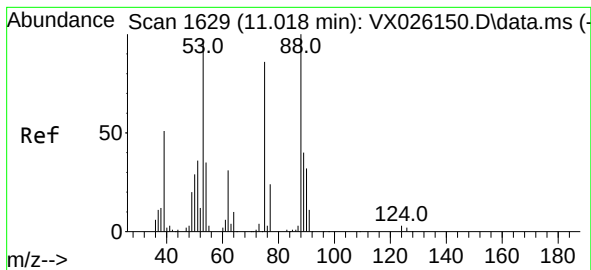
Tgt Ion:152 Resp: 88165
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.3 123.9
 150 156.3 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.909 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026169.D
 Acq: 30 Dec 2021 15:37

Tgt Ion: 75 Resp: 53009
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.063 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026169.D
 Acq: 30 Dec 2021 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-122021

Tgt Ion: 75 Resp: 53009
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

