

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043947.D
 Acq On : 21 Nov 2024 19:55
 Operator : JC/MD
 Sample : P4934-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 04:04:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

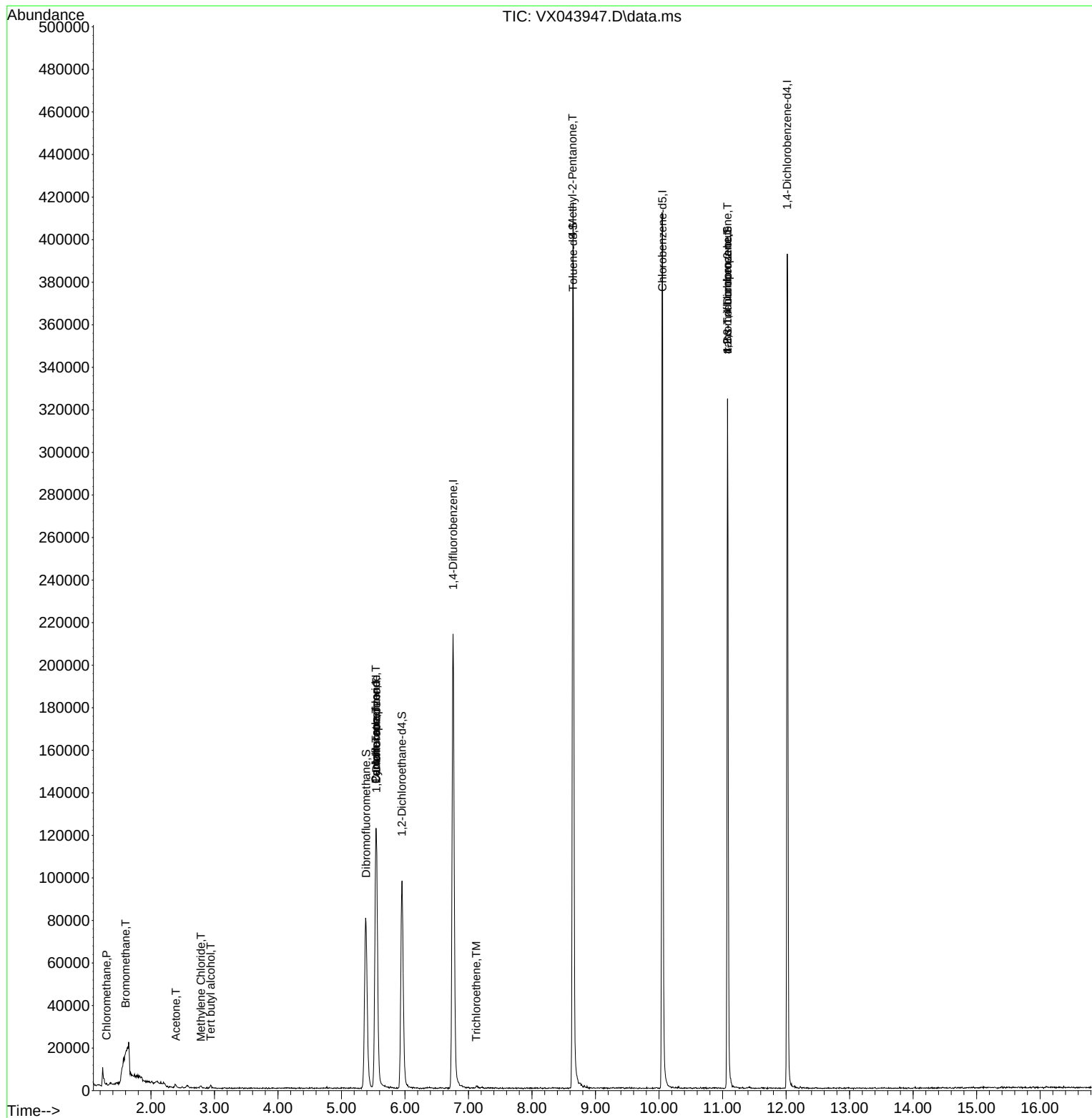
Internal Standards						
1) Pentafluorobenzene	5.544	168	110999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95301	50.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.120%
35) Dibromofluoromethane	5.385	113	69690	46.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	259081	49.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	85216	48.154	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.300%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	528	0.357	ug/l	93
5) Bromomethane	1.599	94	411	0.424	ug/l	93
11) Tert butyl alcohol	2.940	59	364	1.191	ug/l #	73
16) Acetone	2.392	43	1697	1.941	ug/l	100
20) Methylene Chloride	2.788	84	478	0.322	ug/l #	80
31) Cyclohexane	5.544	56	3165	1.492	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	10185	5.418	ug/l #	48
38) Carbon Tetrachloride	5.544	117	12801	6.061	ug/l #	17
44) Trichloroethene	7.123	130	438	0.264	ug/l	60
51) 4-Methyl-2-Pentanone	8.641	43	1170	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47505	27.819	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47505	75.911	ug/l #	7

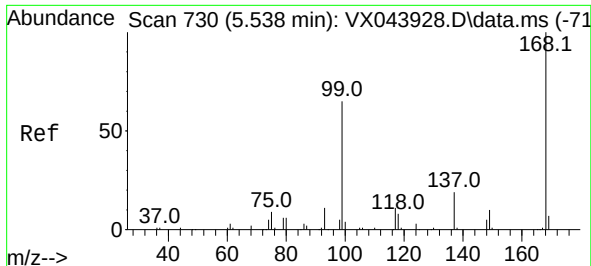
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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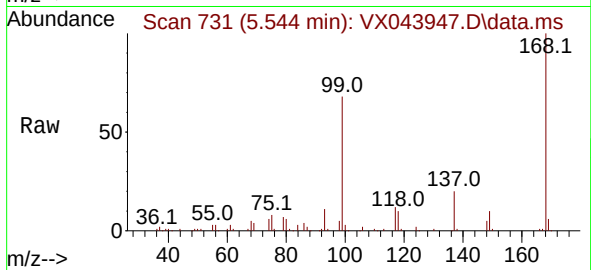
Quant Time: Nov 22 04:04:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



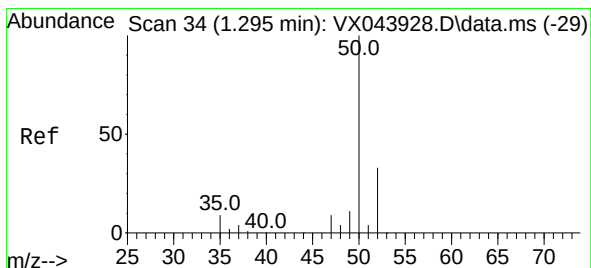
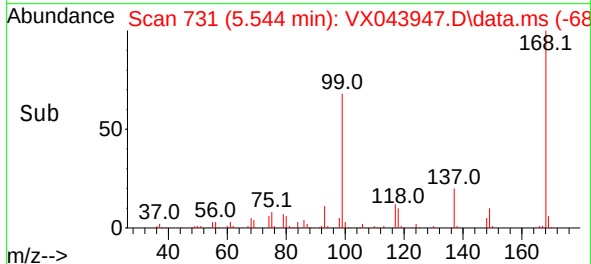
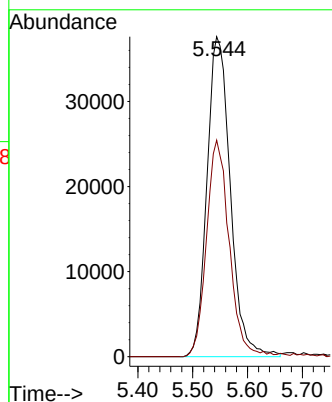


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Instrument :
MSVOA_X
ClientSampleId :

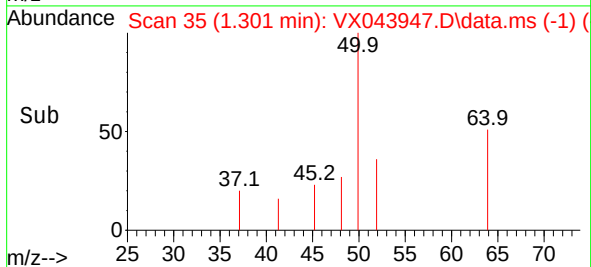
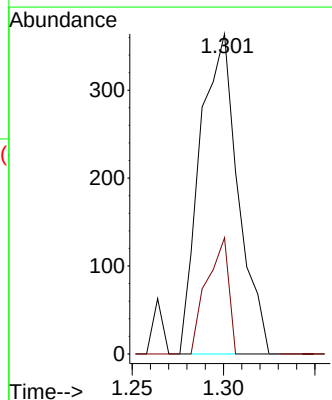
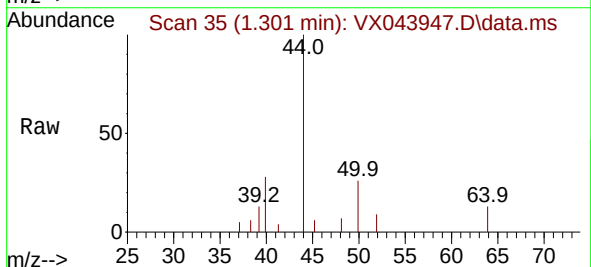


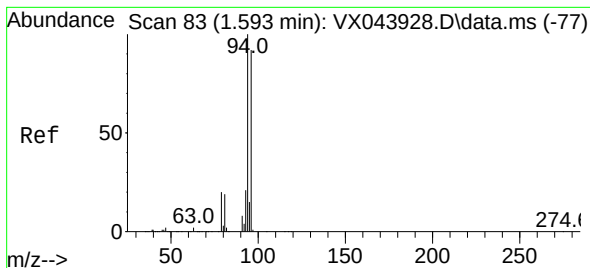
Tgt Ion:168 Resp: 110999
Ion Ratio Lower Upper
168 100
99 67.7 51.8 77.8



#3
Chloromethane
Concen: 0.357 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 36.3 26.1 39.1





#5

Bromomethane

Concen: 0.424 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX043947.D

Acq: 21 Nov 2024 19:55

Instrument :

MSVOA_X

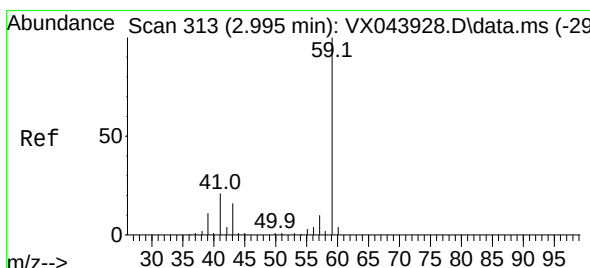
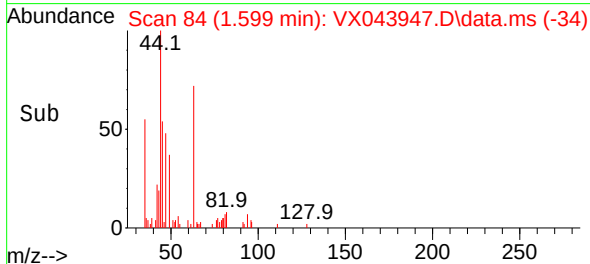
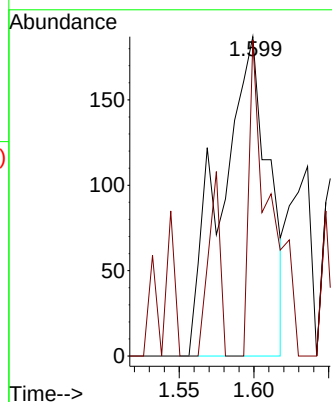
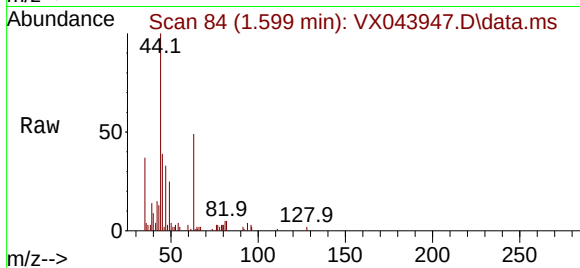
ClientSampleId :

Tgt Ion: 94 Resp: 411

Ion Ratio Lower Upper

94 100

96 98.9 73.9 110.9



#11

Tert butyl alcohol

Concen: 1.191 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX043947.D

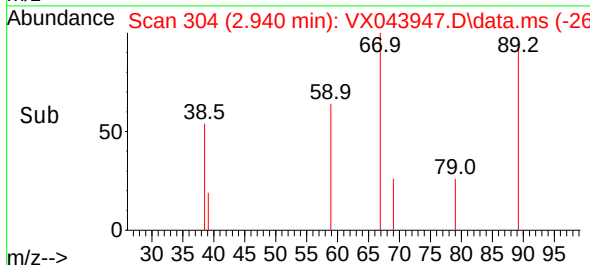
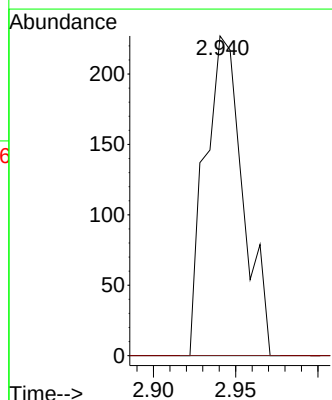
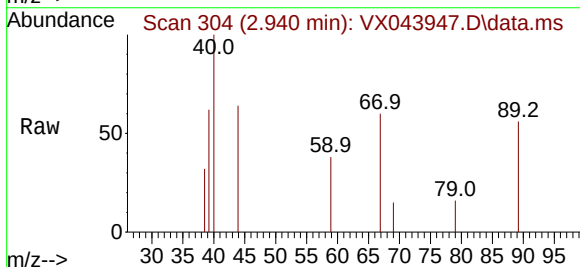
Acq: 21 Nov 2024 19:55

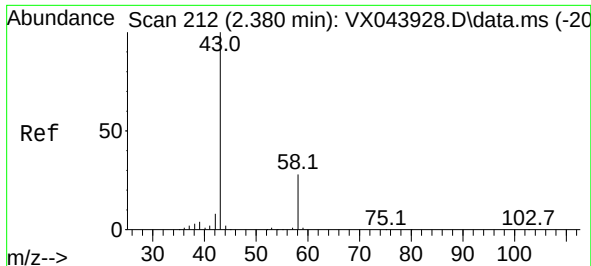
Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#16

Acetone

Concen: 1.941 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX043947.D

Acq: 21 Nov 2024 19:55

Instrument :

MSVOA_X

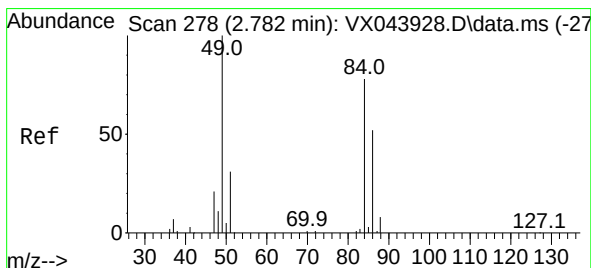
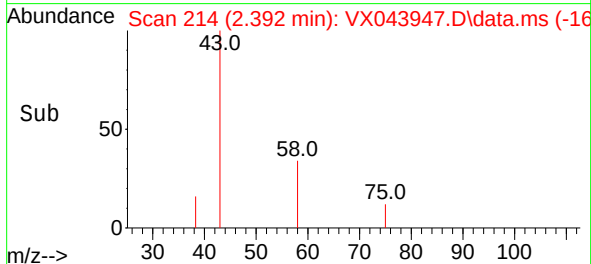
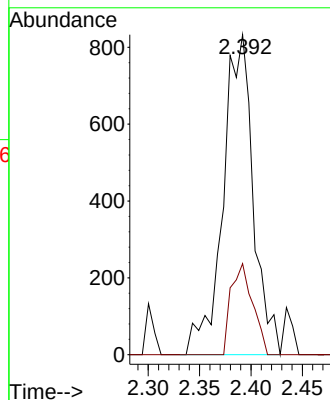
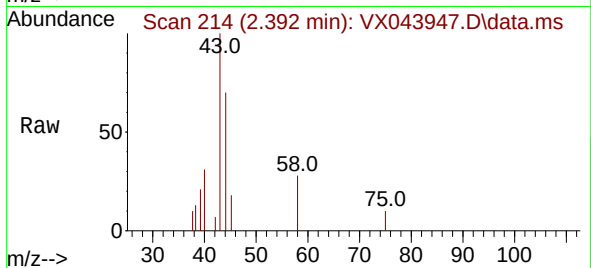
ClientSampleId :

Tgt Ion: 43 Resp: 1697

Ion Ratio Lower Upper

43 100

58 28.5 22.7 34.1



#20

Methylene Chloride

Concen: 0.322 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043947.D

Acq: 21 Nov 2024 19:55

Tgt Ion: 84 Resp: 478

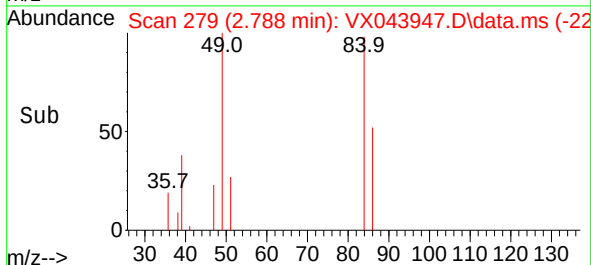
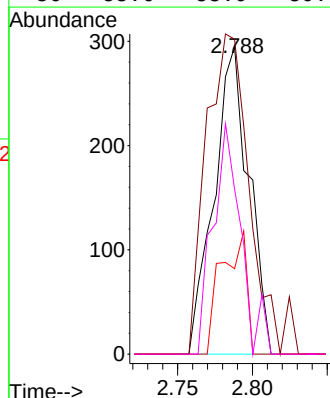
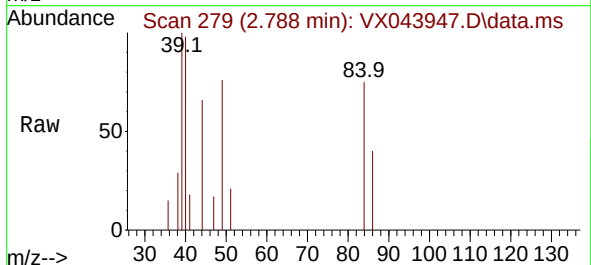
Ion Ratio Lower Upper

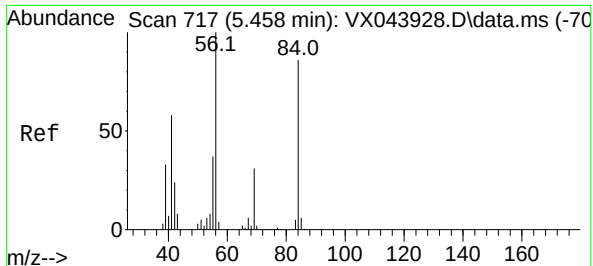
84 100

49 102.4 102.7 154.1#

51 27.8 31.7 47.5#

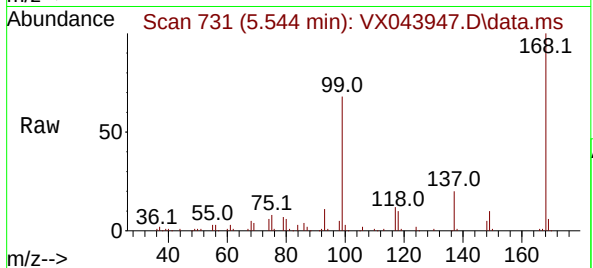
86 53.6 53.9 80.9#



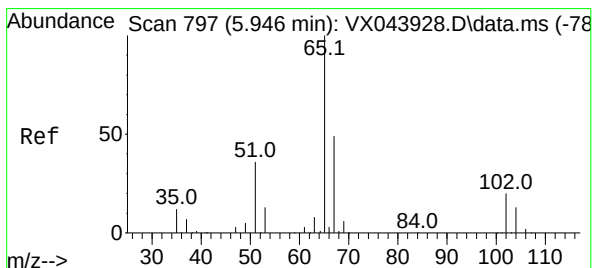
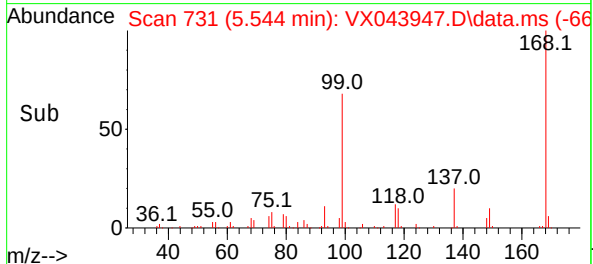
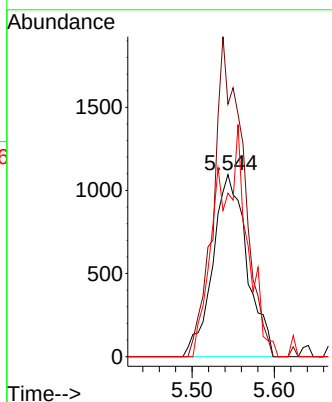


#31
Cyclohexane
Concen: 1.492 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Instrument :
MSVOA_X
ClientSampleId :

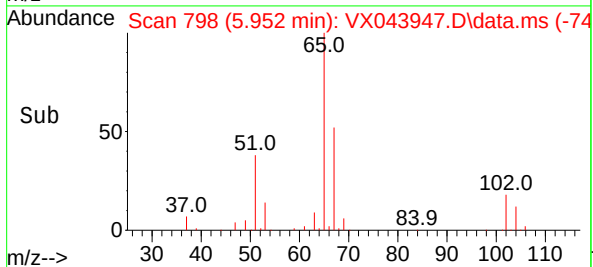
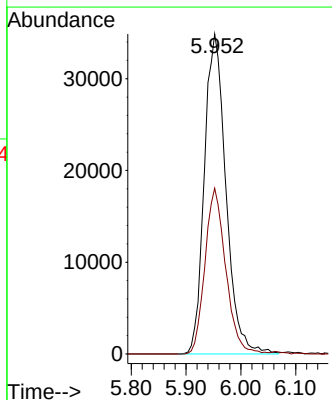
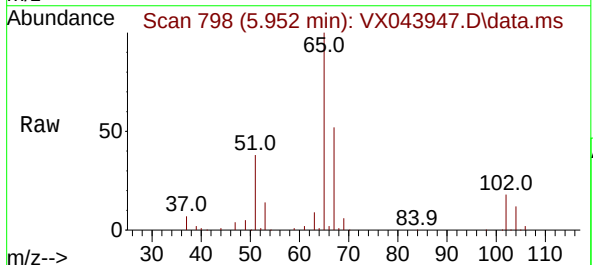


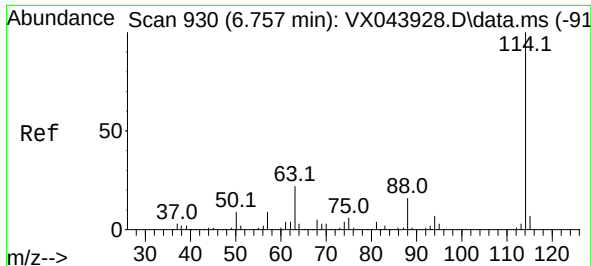
Tgt Ion: 56 Resp: 3165
Ion Ratio Lower Upper
56 100
69 138.7 24.7 37.1#
84 89.9 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 50.058 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Tgt Ion: 65 Resp: 95301
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8

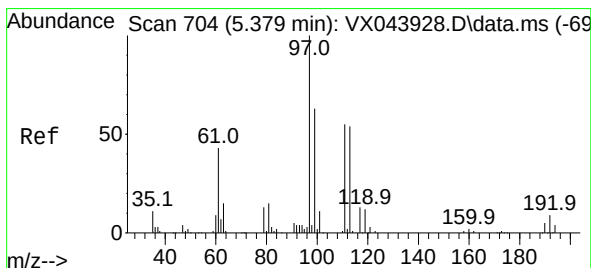
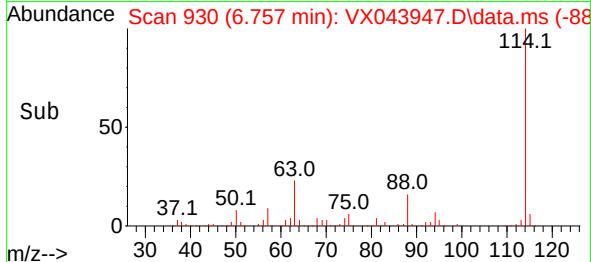
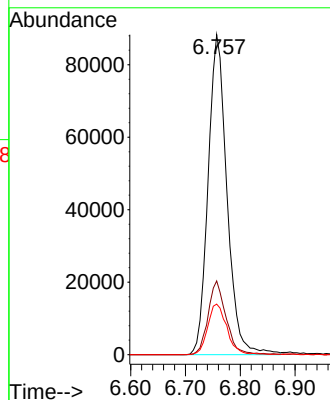
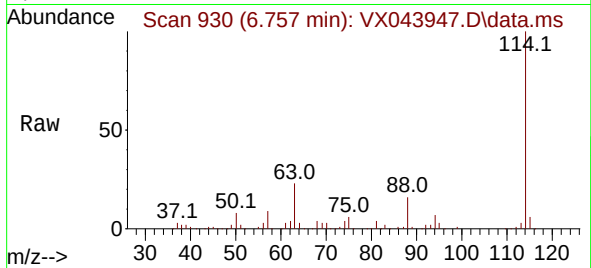




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

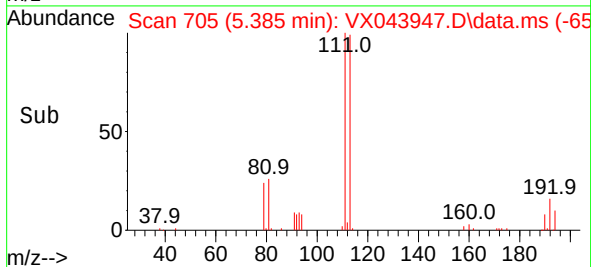
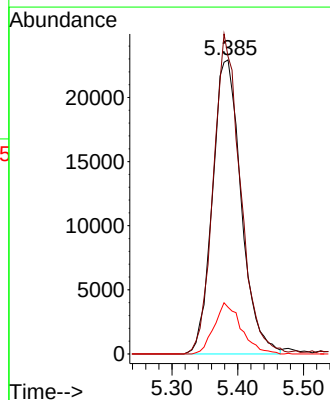
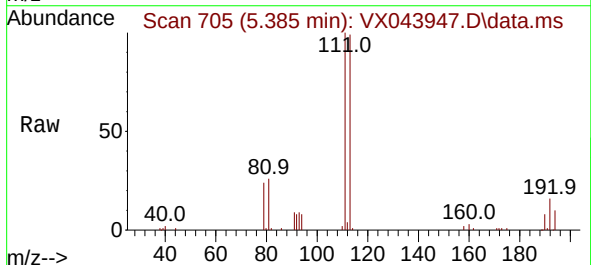
Instrument :
MSVOA_X
ClientSampleId :

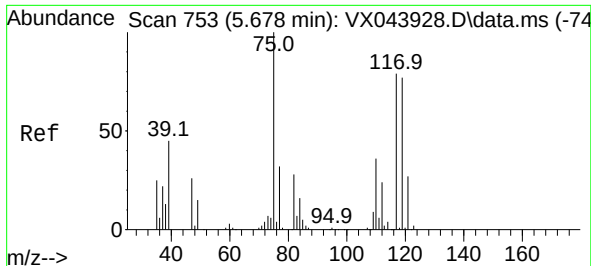
Tgt Ion:114 Resp: 211108
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.0
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.199 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

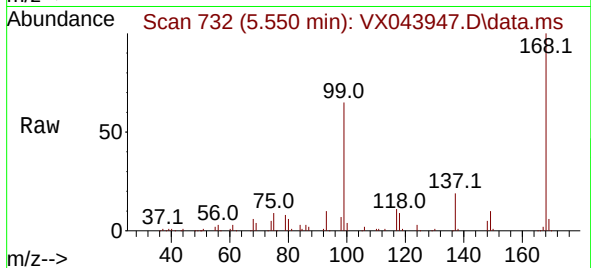
Tgt Ion:113 Resp: 69690
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.4
192 16.4 13.0 19.6



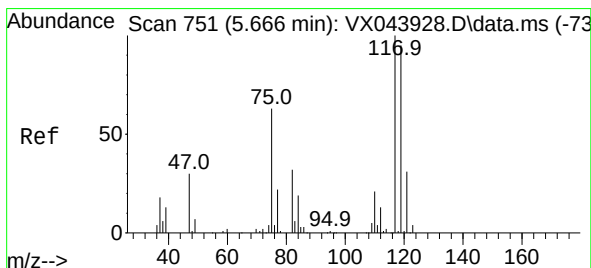
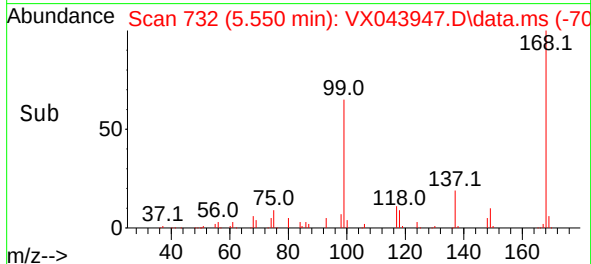
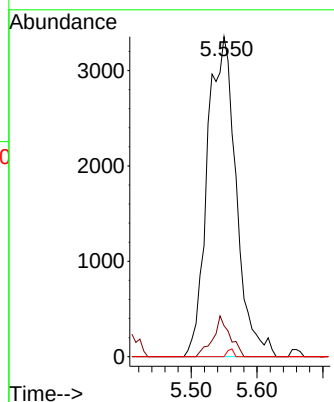


#36
1,1-Dichloropropene
Concen: 5.418 ug/l
RT: 5.550 min Scan# 74
Delta R.T. -0.128 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Instrument :
MSVOA_X
ClientSampleId :

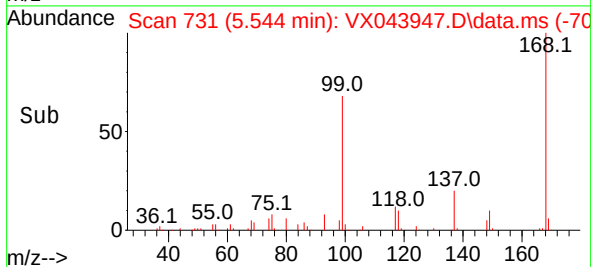
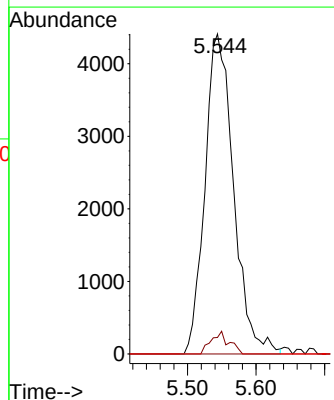
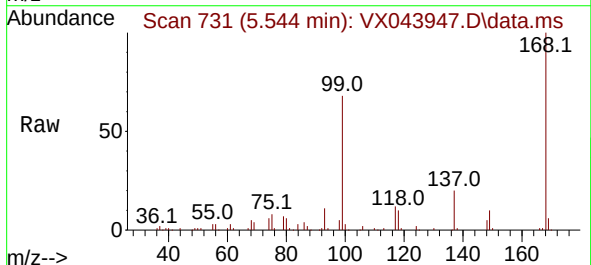


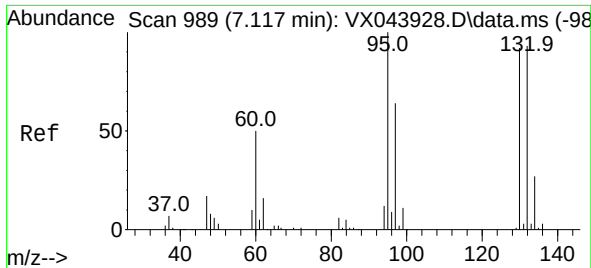
Tgt Ion: 75 Resp: 10185
Ion Ratio Lower Upper
75 100
110 7.5 17.4 52.2#
77 0.5 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Tgt Ion:117 Resp: 12801
Ion Ratio Lower Upper
117 100
119 5.1 75.2 112.8#
121 0.0 24.5 36.7#

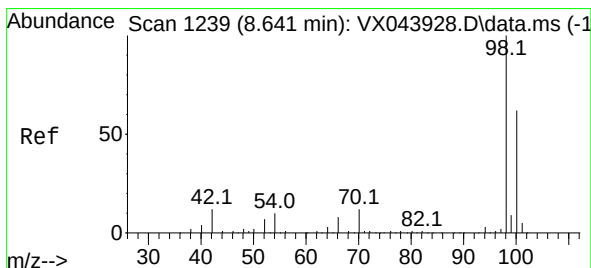
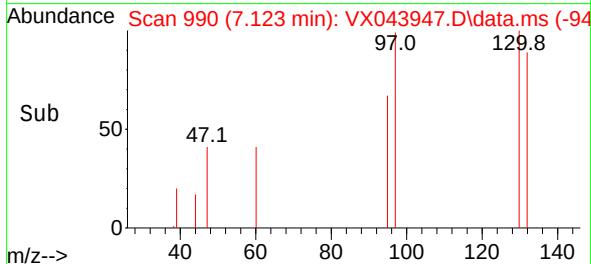
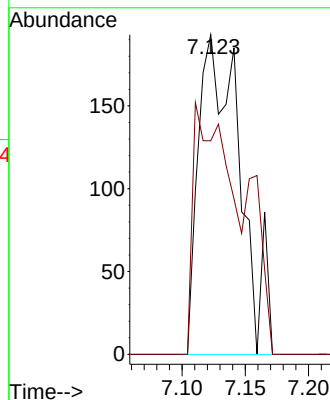
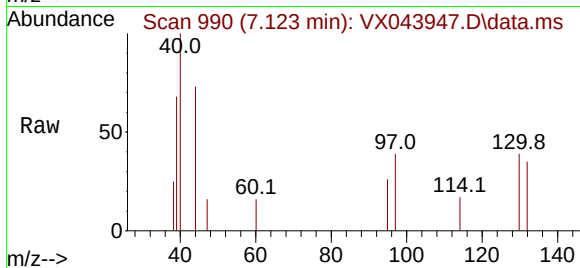




#44
Trichloroethene
Concen: 0.264 ug/l
RT: 7.123 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

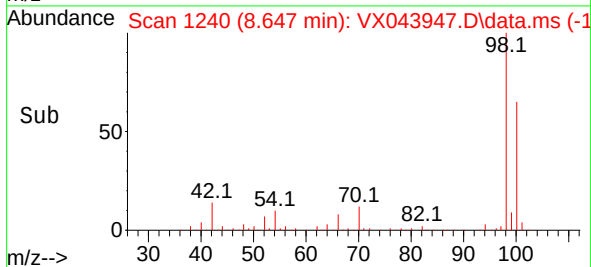
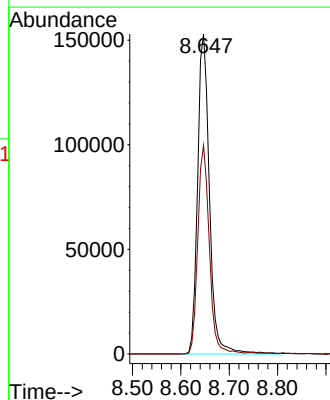
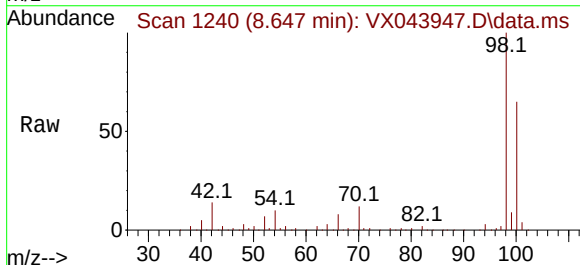
Instrument :
MSVOA_X
ClientSampleId :

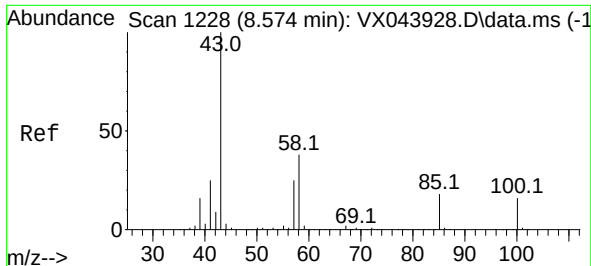
Tgt Ion:130 Resp: 438
Ion Ratio Lower Upper
130 100
95 66.8 0.0 217.8



#50
Toluene-d8
Concen: 49.825 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Tgt Ion: 98 Resp: 259081
Ion Ratio Lower Upper
98 100
100 63.4 52.6 79.0

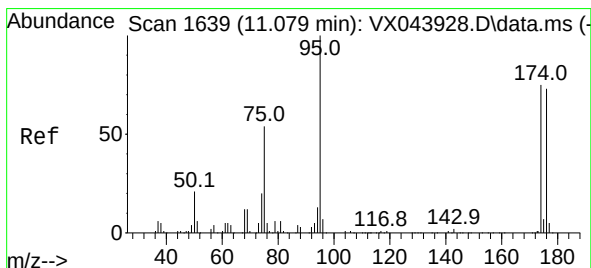
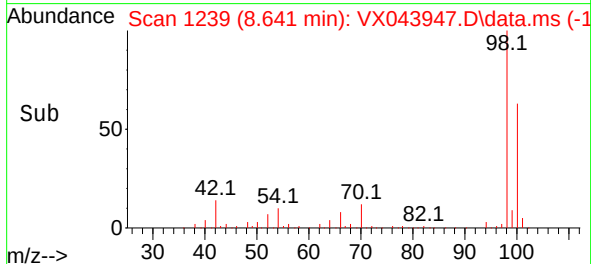
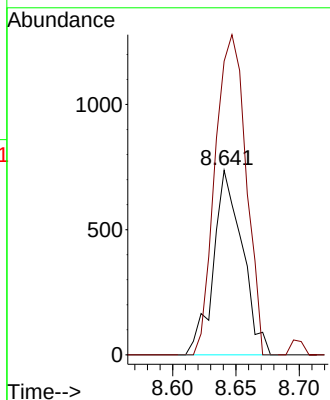
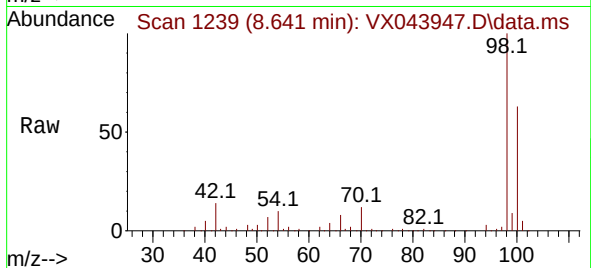




#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

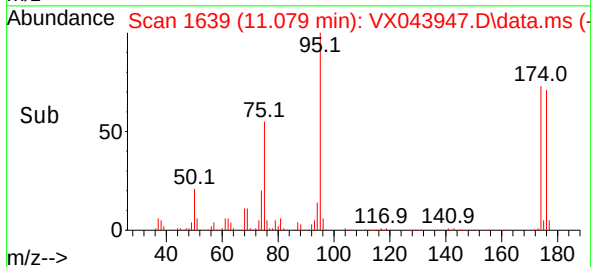
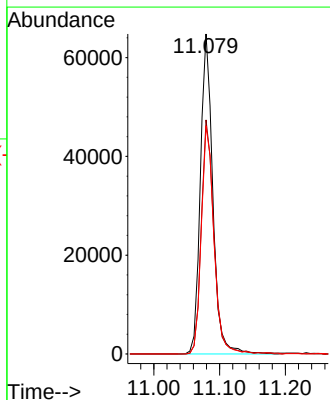
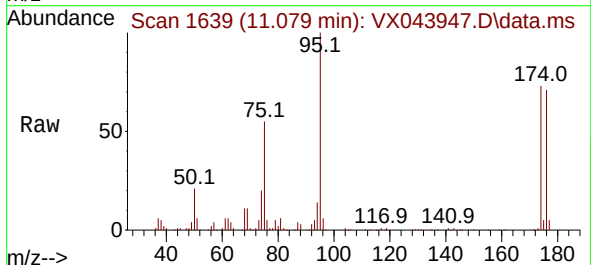
Instrument :
MSVOA_X
ClientSampleId :

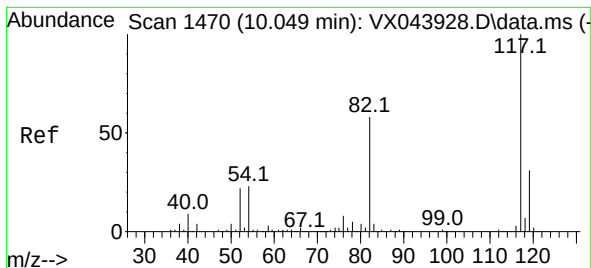
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 185.9 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 48.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043947.D
Acq: 21 Nov 2024 19:55

Tgt Ion: 95 Resp: 85216
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.4
176 72.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX043947.D

Acq: 21 Nov 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

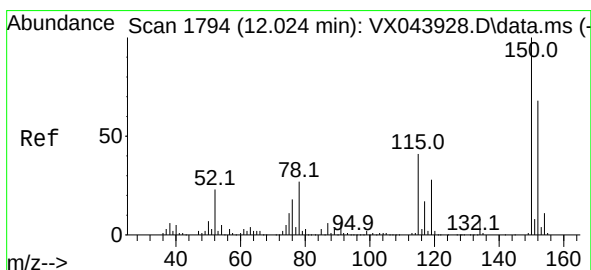
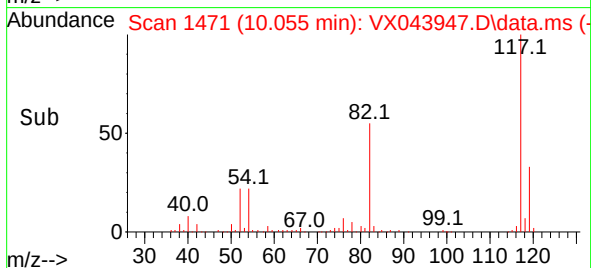
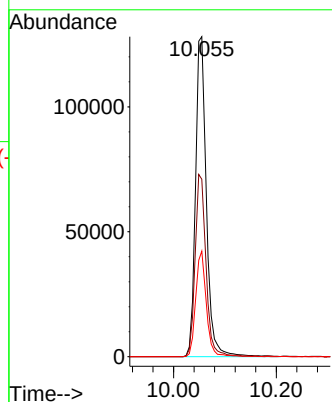
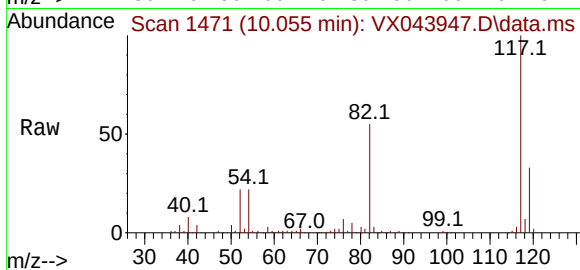
Tgt Ion:117 Resp: 188768

Ion Ratio Lower Upper

117 100

82 55.5 46.4 69.6

119 33.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043947.D

Acq: 21 Nov 2024 19:55

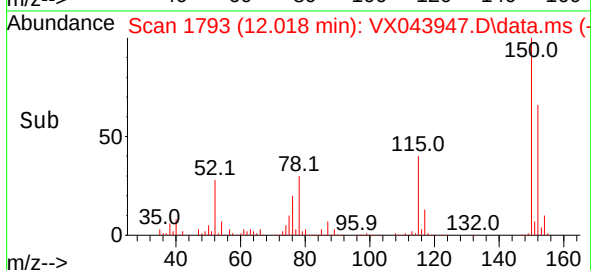
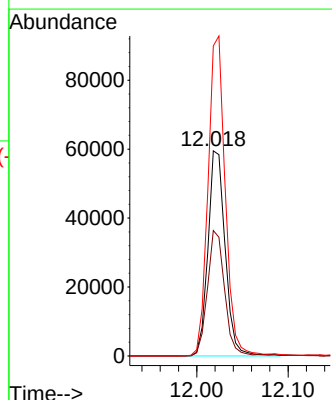
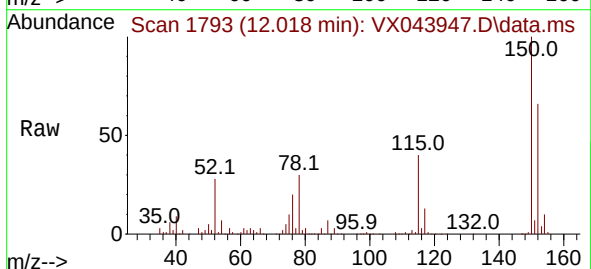
Tgt Ion:152 Resp: 77869

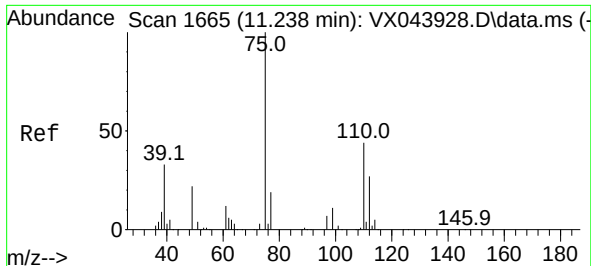
Ion Ratio Lower Upper

152 100

115 61.2 45.4 136.2

150 156.5 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 27.819 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043947.D

Acq: 21 Nov 2024 19:55

Instrument :

MSVOA_X

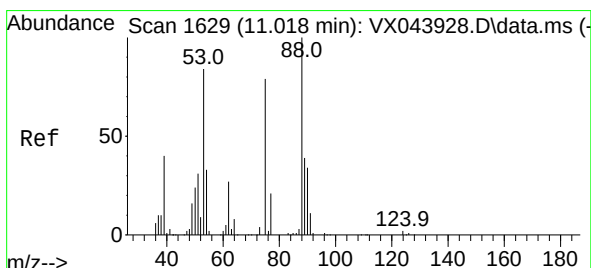
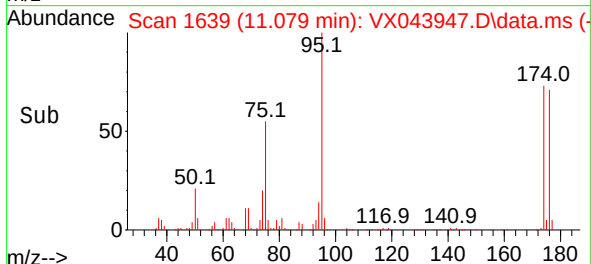
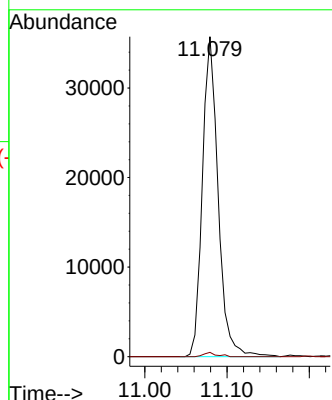
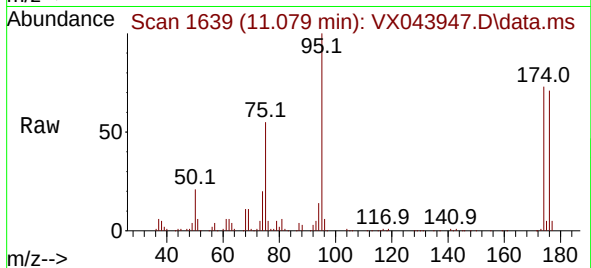
ClientSampleId :

Tgt Ion: 75 Resp: 47505

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.911 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043947.D

Acq: 21 Nov 2024 19:55

Tgt Ion: 75 Resp: 47505

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.1 38.2 57.2#

