

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043987.D
 Acq On : 25 Nov 2024 15:26
 Operator : JC/MD
 Sample : P4886-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Nov 27 07:41:37 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)

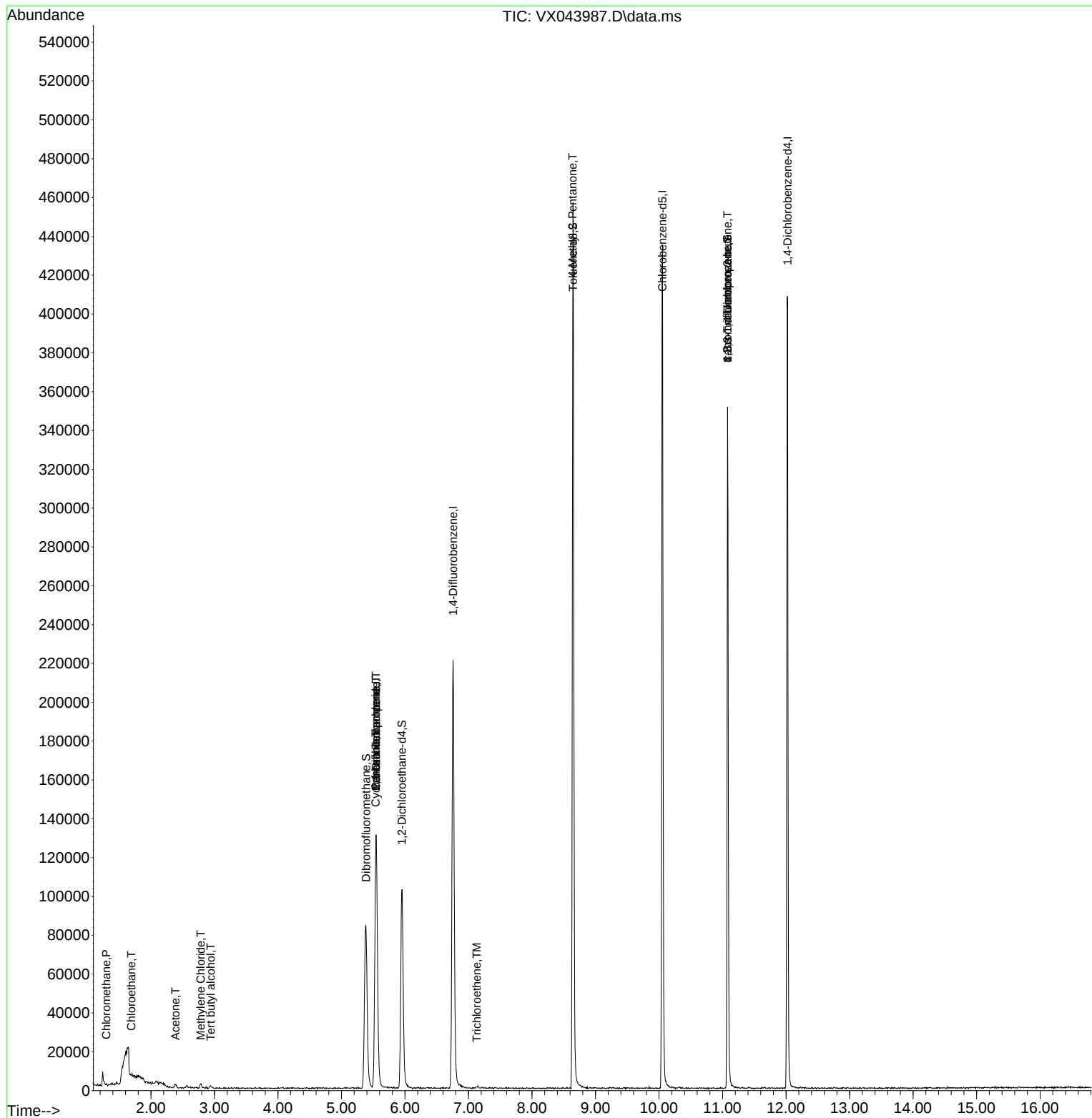
Internal Standards							
1) Pentafluorobenzene		5.544	168	116995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.757	114	217462	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	194965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	82714	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.952	65	100682	50.174	ug/l	0.00
Spiked Amount 50.000		Range 74 - 125		Recovery	= 100.340%		
35) Dibromofluoromethane		5.385	113	73801	47.495	ug/l	0.00
Spiked Amount 50.000		Range 75 - 124		Recovery	= 94.980%		
50) Toluene-d8		8.647	98	269999	50.407	ug/l	0.00
Spiked Amount 50.000		Range 86 - 113		Recovery	= 100.820%		
62) 4-Bromofluorobenzene		11.079	95	90835	49.829	ug/l	0.00
Spiked Amount 50.000		Range 77 - 121		Recovery	= 99.660%		
Target Compounds							Qvalue
3) Chloromethane		1.294	50	638	0.409	ug/l	93
6) Chloroethane		1.691	64	374	0.370	ug/l #	42
11) Tert butyl alcohol		2.940	59	536	1.664	ug/l #	73
16) Acetone		2.386	43	1727	1.874	ug/l	97
20) Methylene Chloride		2.782	84	949	0.607	ug/l	95
31) Cyclohexane		5.537	56	3319	1.484	ug/l #	41
36) 1,1-Dichloropropene		5.544	75	10336	5.338	ug/l #	50
38) Carbon Tetrachloride		5.544	117	13029	5.988	ug/l #	18
44) Trichloroethene		7.129	130	418	0.245	ug/l	48
51) 4-Methyl-2-Pentanone		8.641	43	1432	0.613	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	50617	27.905	ug/l #	34
81) trans-1,4-Dichloro-2-b...		11.079	75	50617	76.146	ug/l #	6

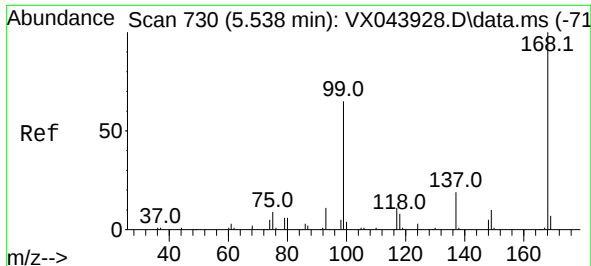
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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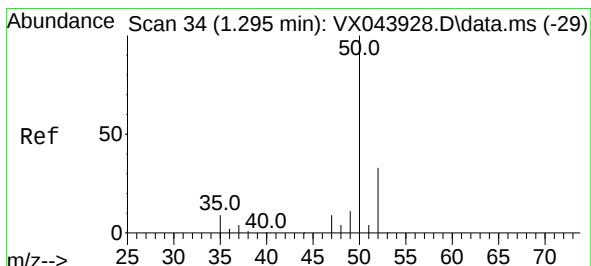
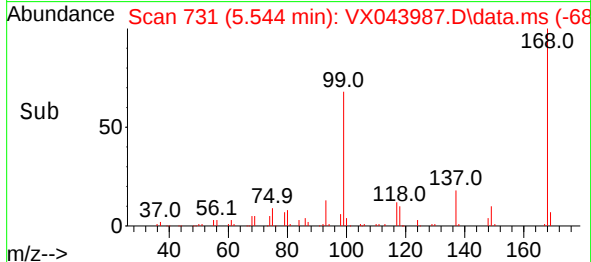
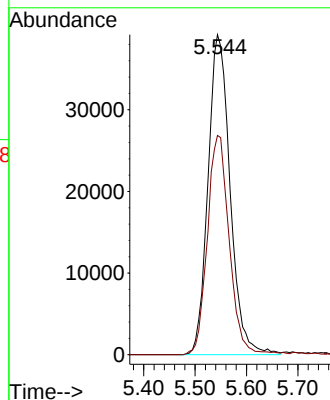
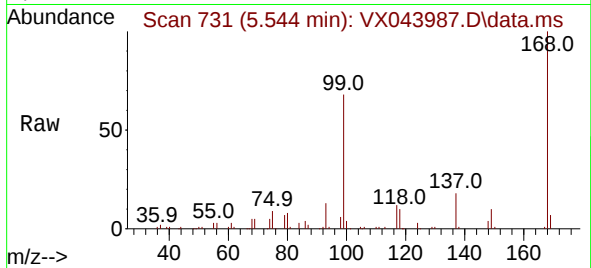




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

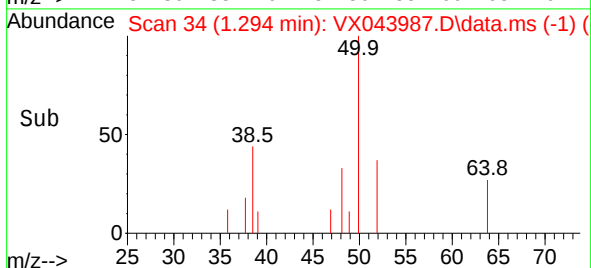
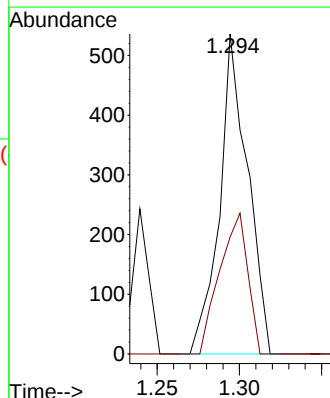
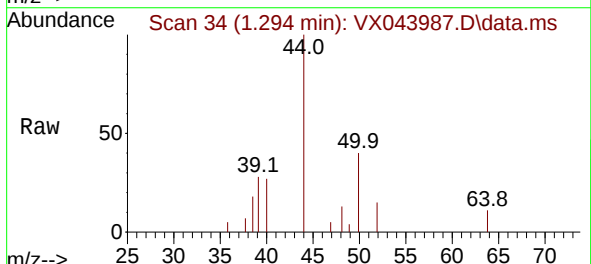
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

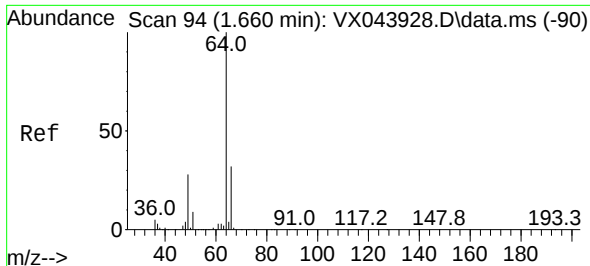
Tgt Ion:168 Resp: 116995
Ion Ratio Lower Upper
168 100
99 68.5 51.8 77.8



#3
Chloromethane
Concen: 0.409 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 36.6 26.1 39.1

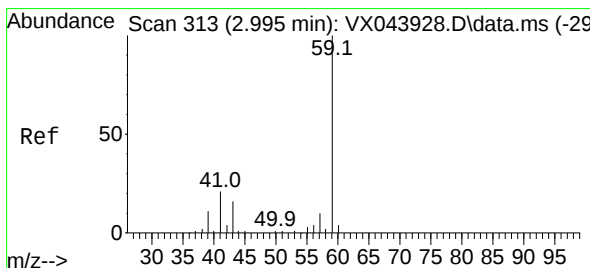
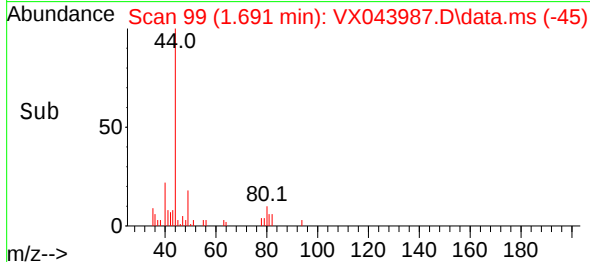
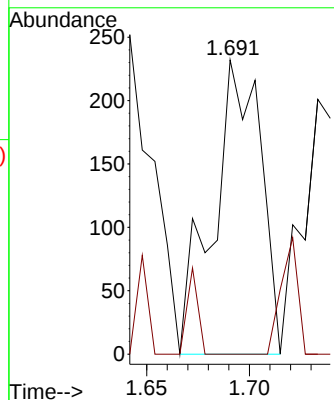
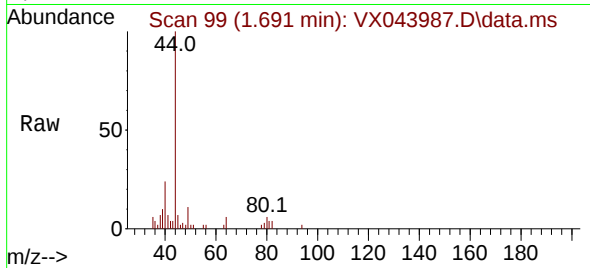




#6
Chloroethane
Concen: 0.370 ug/l
RT: 1.691 min Scan# 94
Delta R.T. 0.030 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

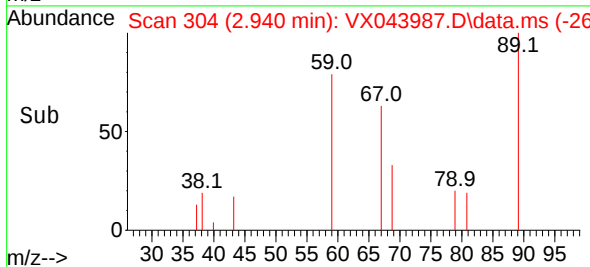
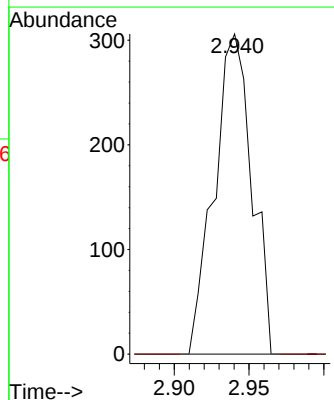
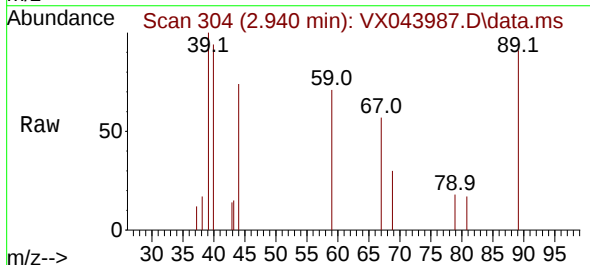
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

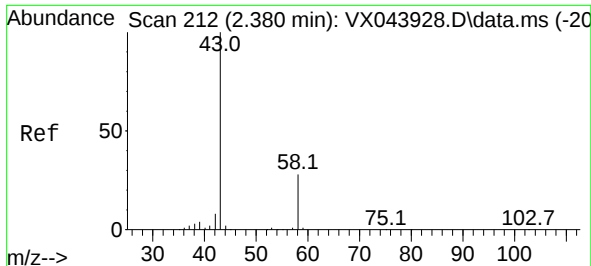
Tgt Ion: 64 Resp: 374
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 1.664 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Tgt Ion: 59 Resp: 536
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 1.874 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX043987.D

Acq: 25 Nov 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

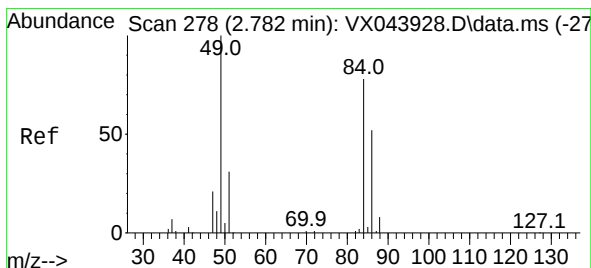
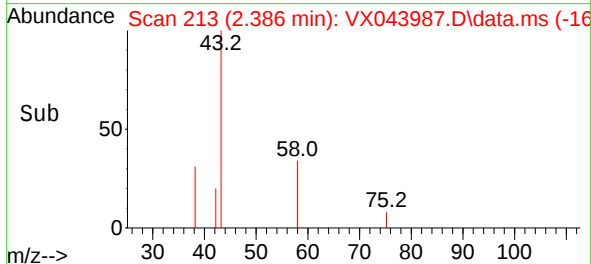
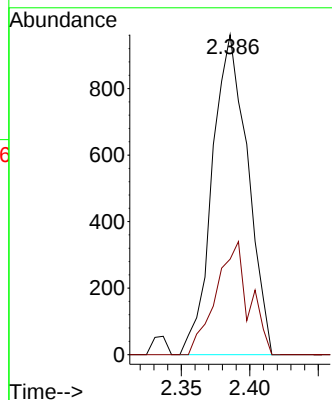
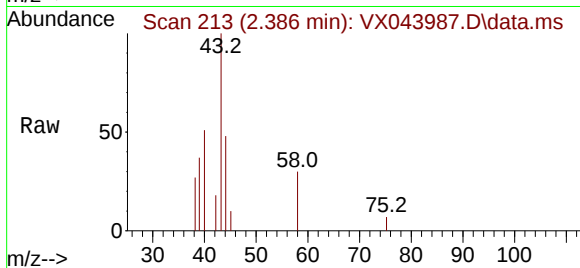
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

58 29.8 22.7 34.1



#20

Methylene Chloride

Concen: 0.607 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043987.D

Acq: 25 Nov 2024 15:26

Tgt Ion: 84 Resp: 949

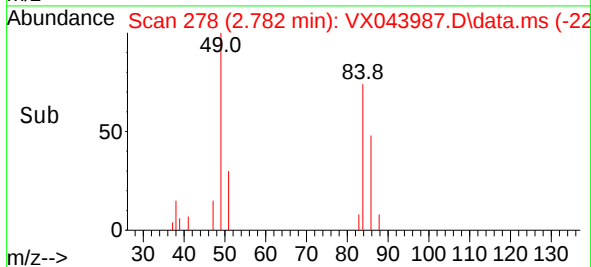
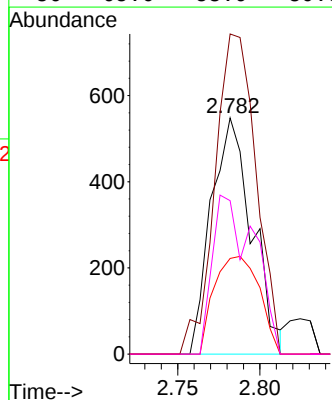
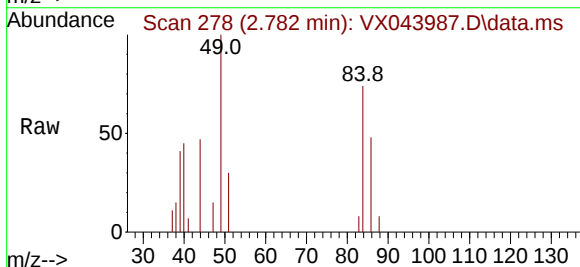
Ion Ratio Lower Upper

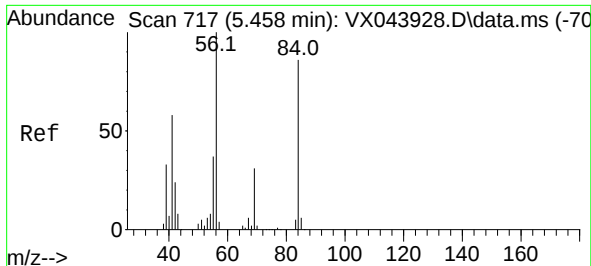
84 100

49 135.6 102.7 154.1

51 40.5 31.7 47.5

86 65.0 53.9 80.9

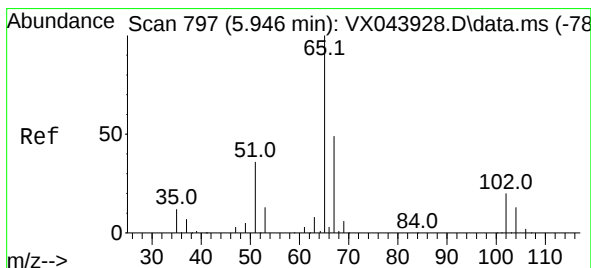
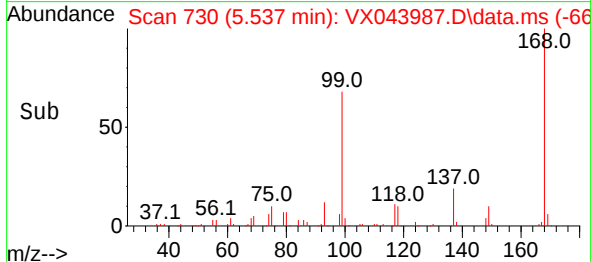
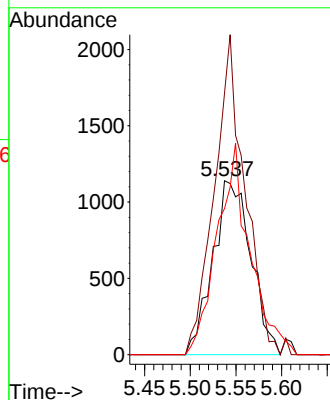
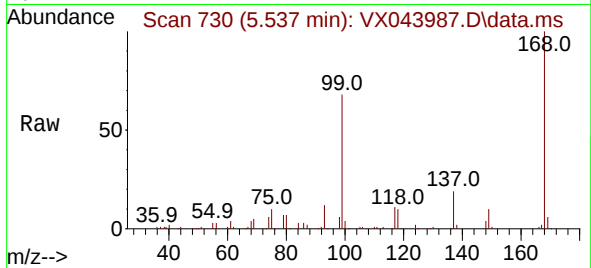




#31
Cyclohexane
Concen: 1.484 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

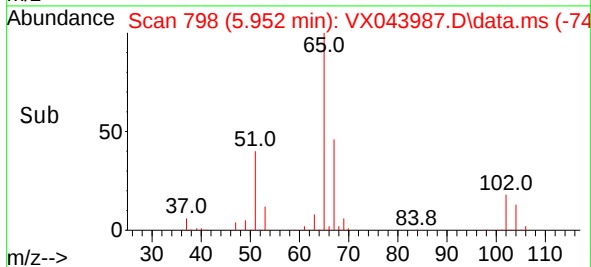
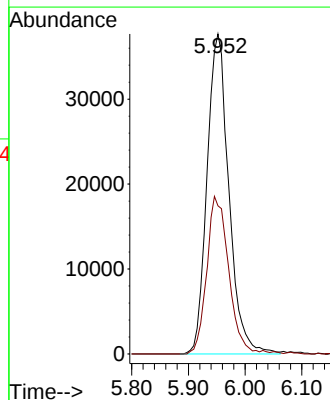
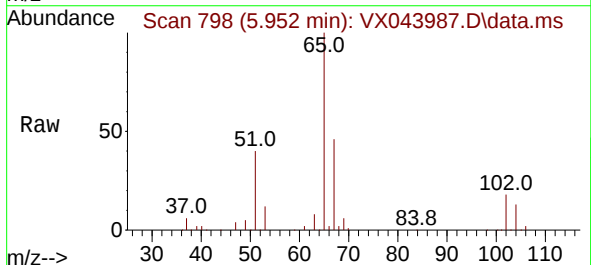
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

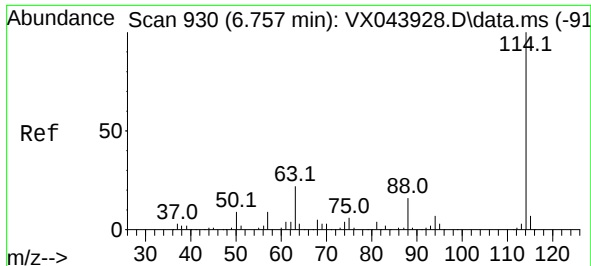
Tgt Ion: 56 Resp: 3319
Ion Ratio Lower Upper
56 100
69 150.3 24.7 37.1#
84 83.9 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 50.174 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Tgt Ion: 65 Resp: 100682
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

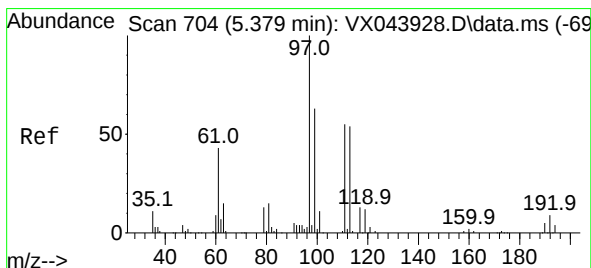
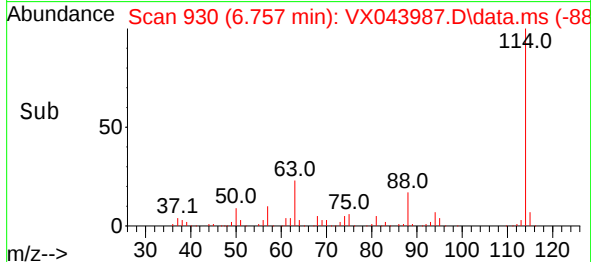
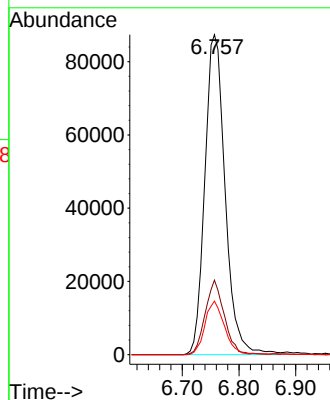
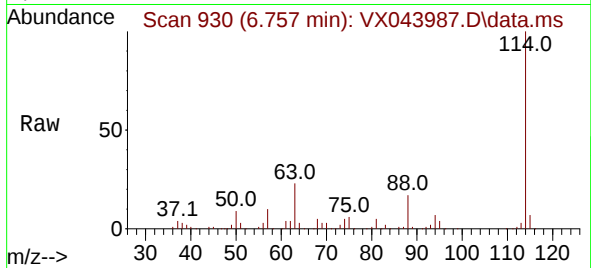




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

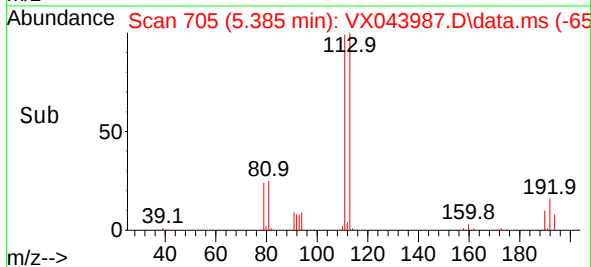
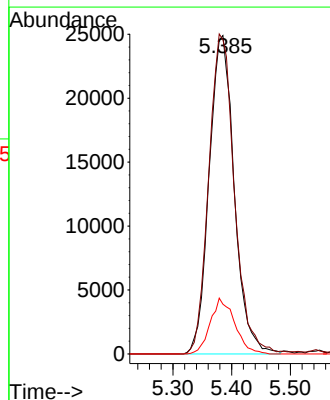
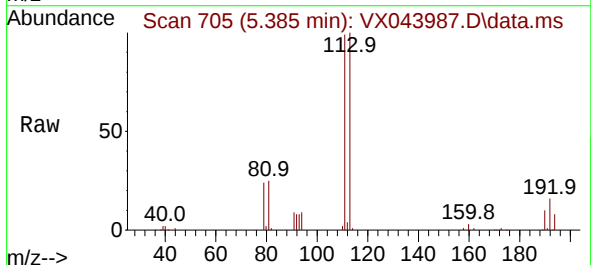
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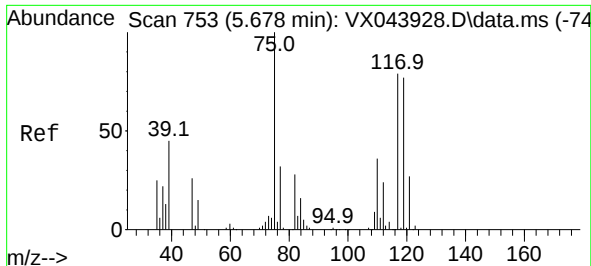
Tgt Ion:114 Resp: 217462
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.0
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.495 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Tgt Ion:113 Resp: 73801
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.4
192 17.1 13.0 19.6

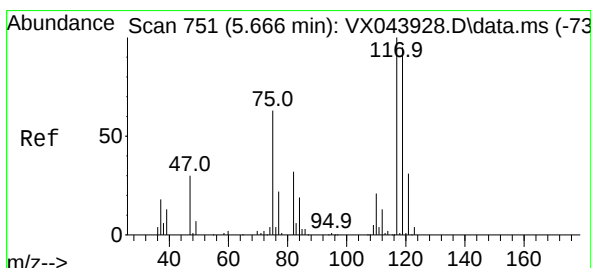
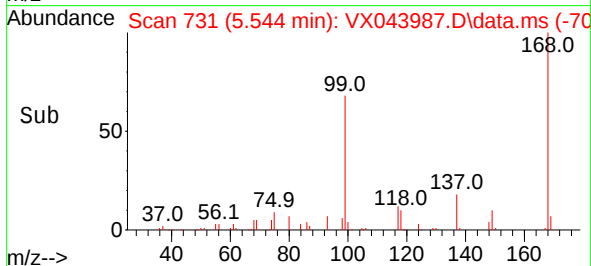
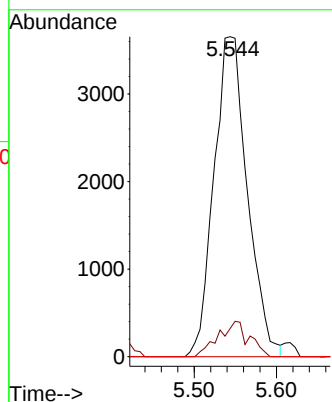
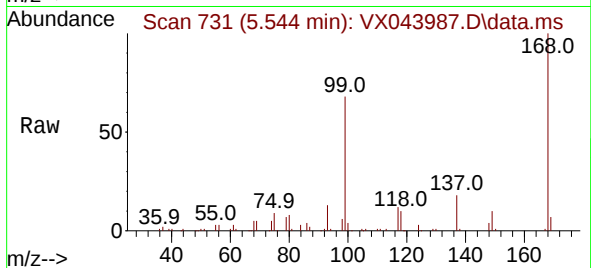




#36
1,1-Dichloropropene
Concen: 5.338 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

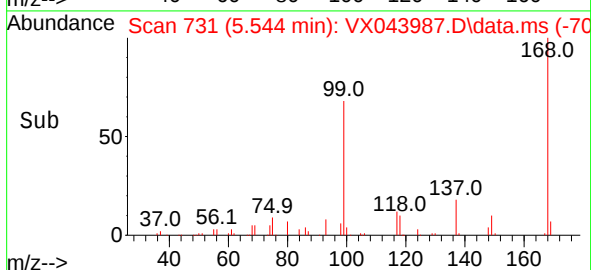
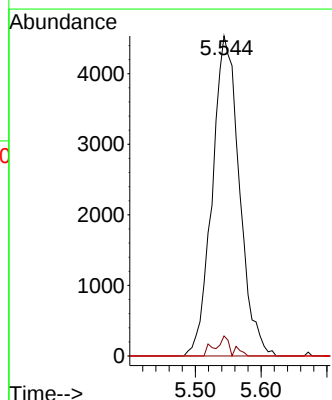
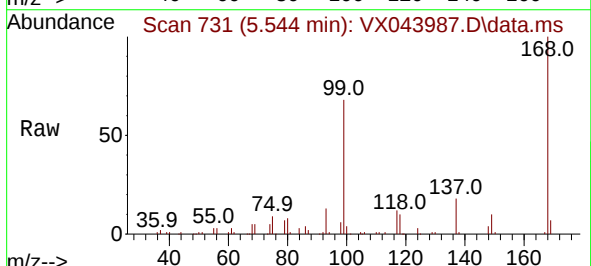
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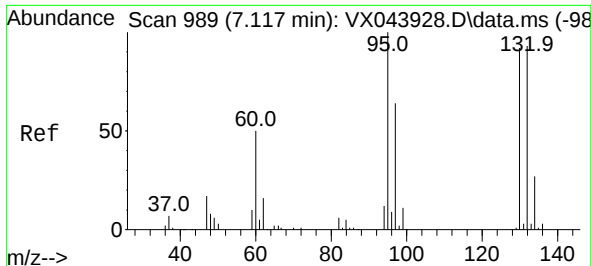
Tgt Ion: 75 Resp: 10336
Ion Ratio Lower Upper
75 100
110 10.1 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Tgt Ion:117 Resp: 13029
Ion Ratio Lower Upper
117 100
119 6.3 75.2 112.8#
121 0.0 24.5 36.7#





#44

Trichloroethene

Concen: 0.245 ug/l

RT: 7.129 min Scan# 90

Delta R.T. 0.012 min

Lab File: VX043987.D

Acq: 25 Nov 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

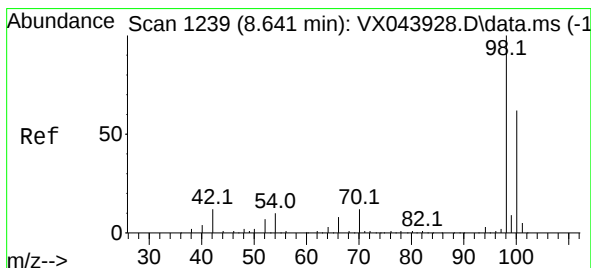
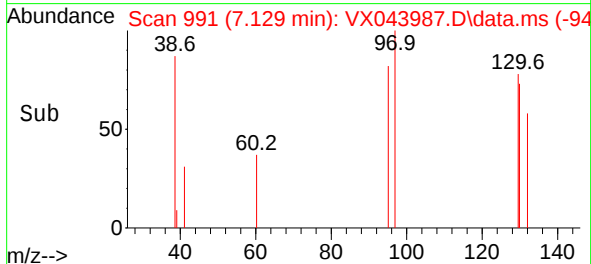
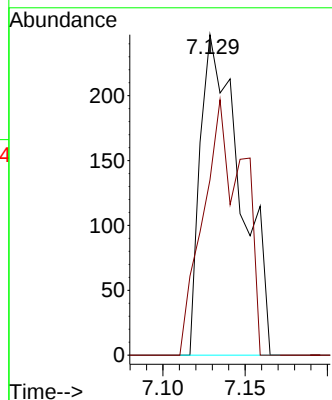
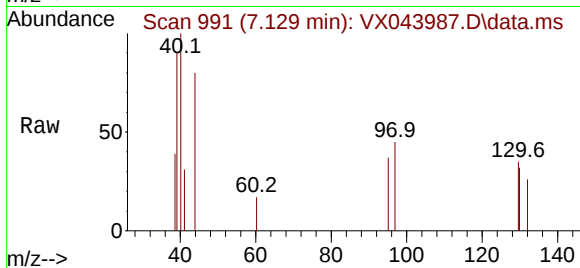
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:130 Resp: 418

Ion Ratio Lower Upper

130 100

95 54.7 0.0 217.8



#50

Toluene-d8

Concen: 50.407 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043987.D

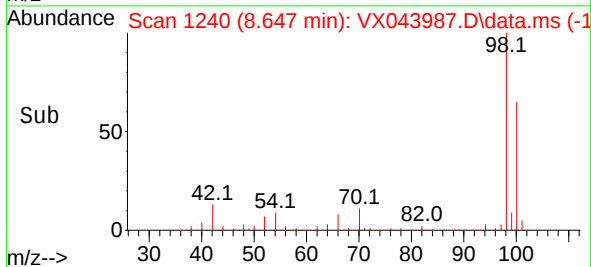
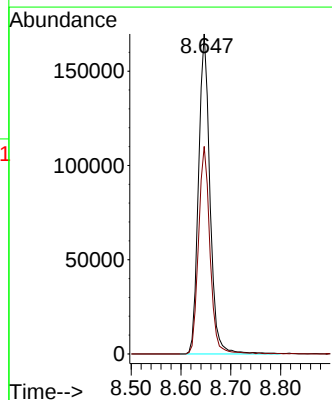
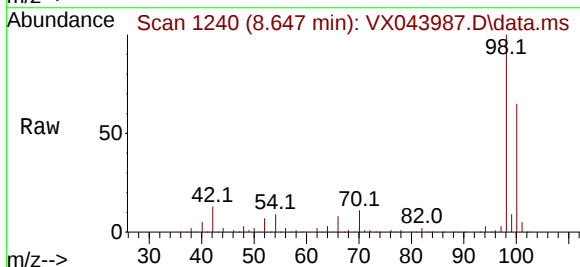
Acq: 25 Nov 2024 15:26

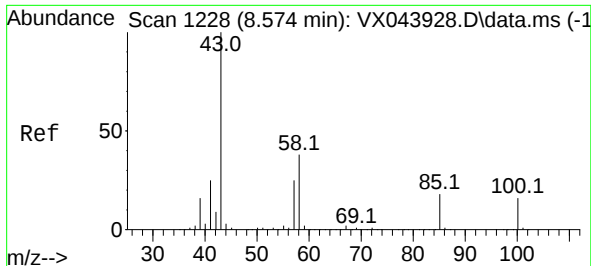
Tgt Ion: 98 Resp: 269999

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0

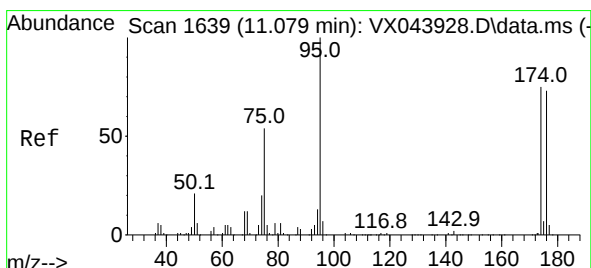
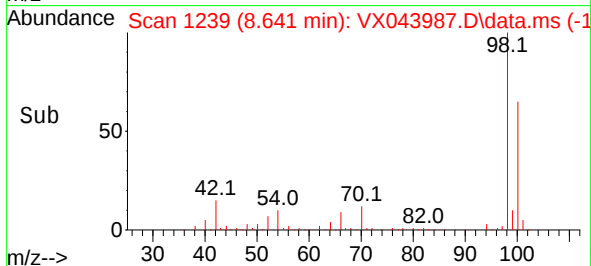
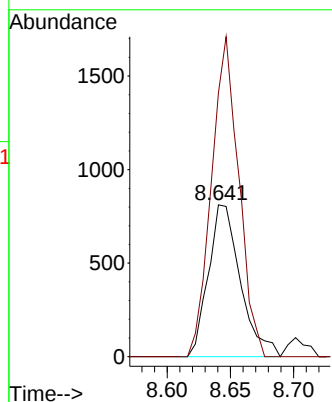
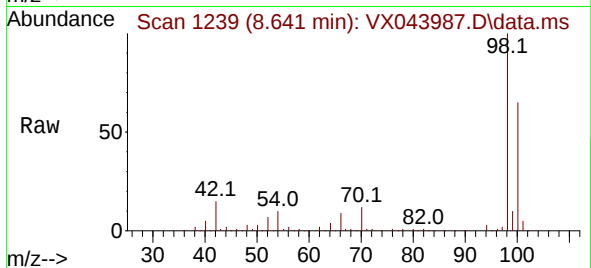




#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

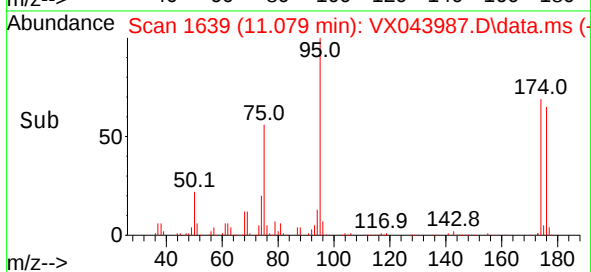
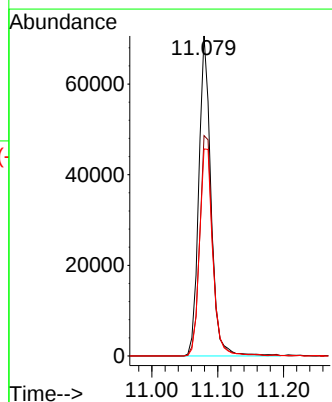
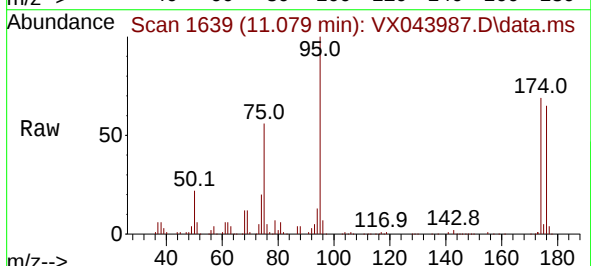
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

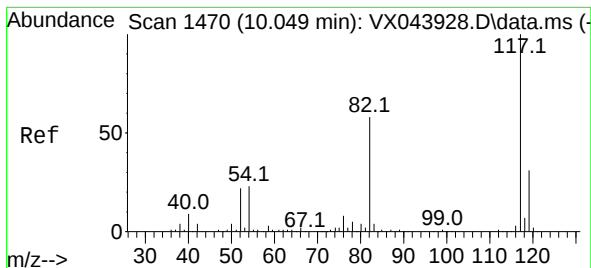
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 179.4 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Tgt Ion: 95 Resp: 90835
Ion Ratio Lower Upper
95 100
174 73.5 0.0 150.4
176 70.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043987.D

Acq: 25 Nov 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

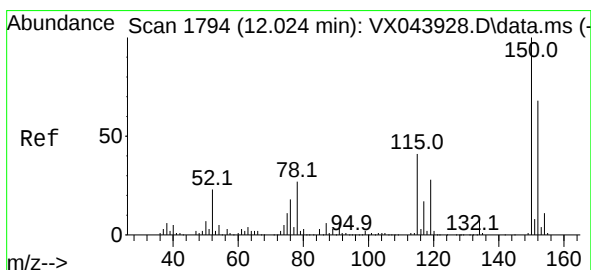
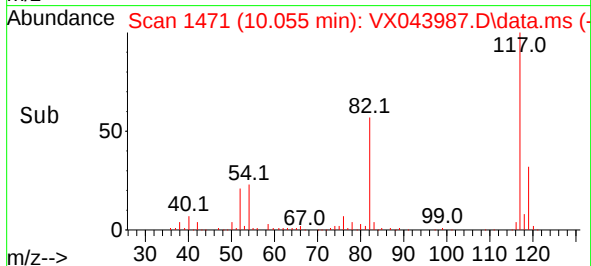
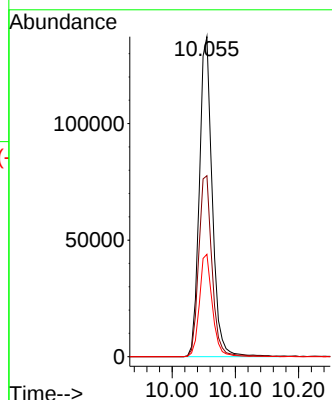
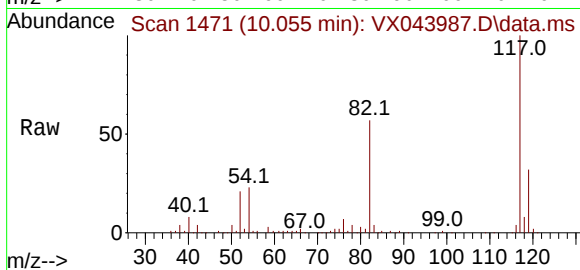
Tgt Ion:117 Resp: 194965

Ion Ratio Lower Upper

117 100

82 56.5 46.4 69.6

119 32.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043987.D

Acq: 25 Nov 2024 15:26

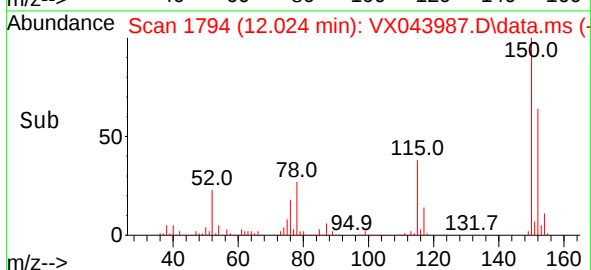
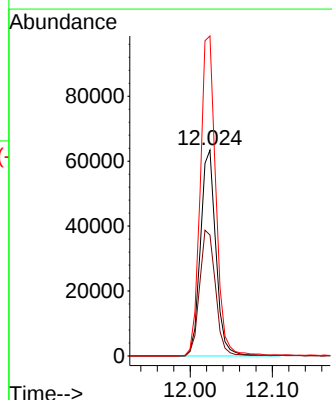
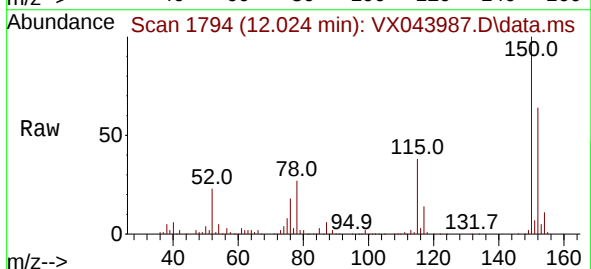
Tgt Ion:152 Resp: 82714

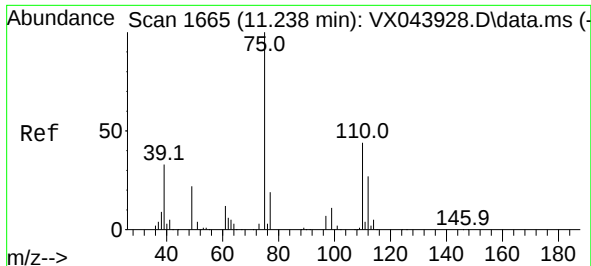
Ion Ratio Lower Upper

152 100

115 62.9 45.4 136.2

150 156.8 0.0 353.0

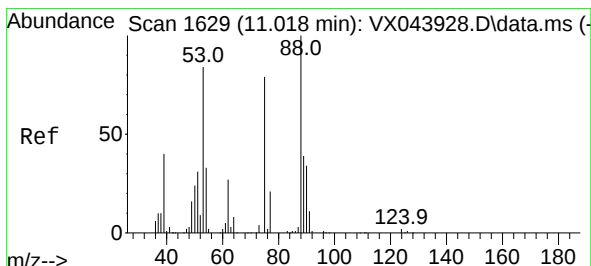
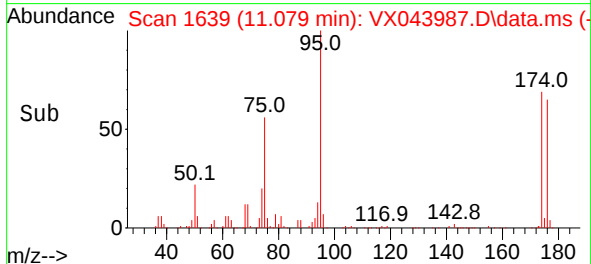
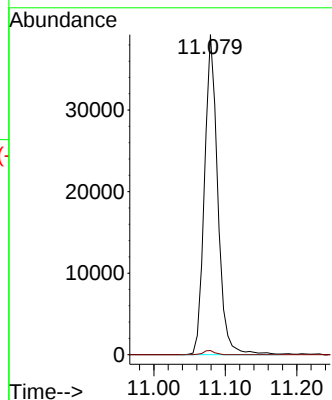
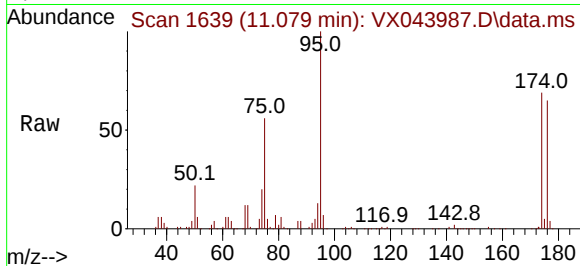




#76
1,2,3-Trichloropropane
Concen: 27.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 50617
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043987.D
Acq: 25 Nov 2024 15:26

Tgt Ion: 75 Resp: 50617
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

