

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043943.D
 Acq On : 21 Nov 2024 18:23
 Operator : JC/MD
 Sample : P4934-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 04:03:03 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	5.550	168	110330	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	206208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94499	49.937	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.880%
35) Dibromofluoromethane	5.385	113	69376	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	251263	49.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	79292	45.871	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.740%

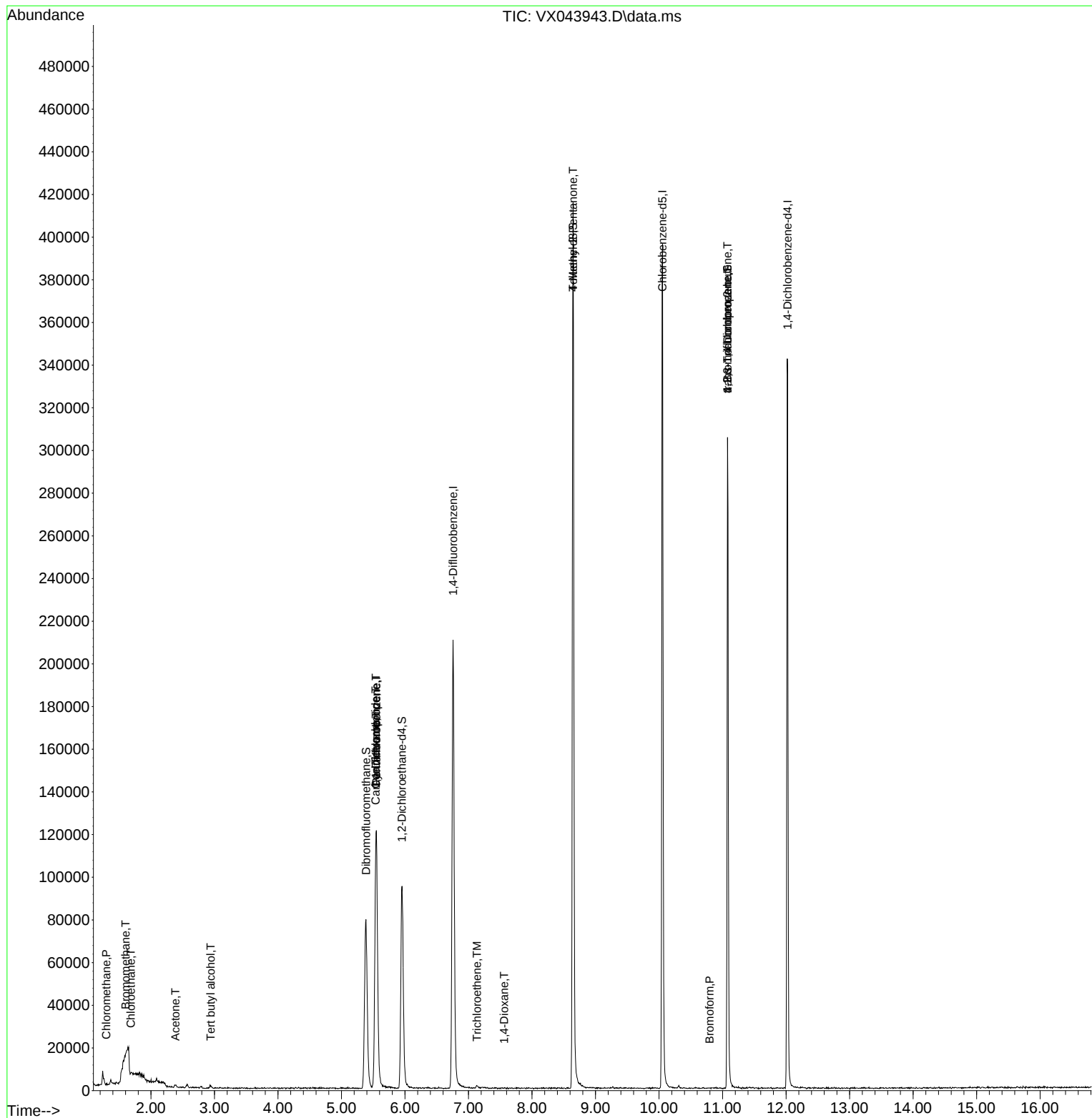
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	428	0.291	ug/l #	87
5) Bromomethane	1.599	94	461	0.479	ug/l #	66
6) Chloroethane	1.685	64	285	0.299	ug/l #	42
11) Tert butyl alcohol	2.940	59	297	0.978	ug/l #	73
16) Acetone	2.386	43	1356	1.560	ug/l #	89
31) Cyclohexane	5.544	56	3075	1.458	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	10186	5.548	ug/l #	50
38) Carbon Tetrachloride	5.538	117	12643	6.128	ug/l #	17
44) Trichloroethene	7.135	130	363	0.224	ug/l	52
49) 1,4-Dioxane	7.562	88	28	0.903	ug/l #	30
51) 4-Methyl-2-Pentanone	8.647	43	1281	0.579	ug/l #	1
71) Bromoform	10.799	173	53	1.260	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	45582	30.111	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	45582	82.165	ug/l #	7

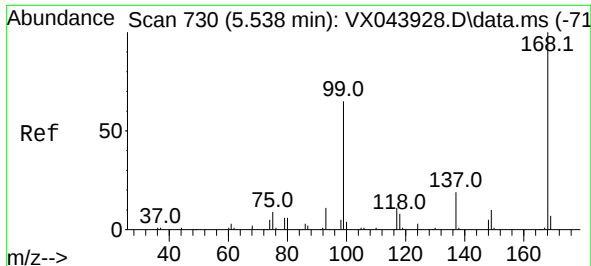
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
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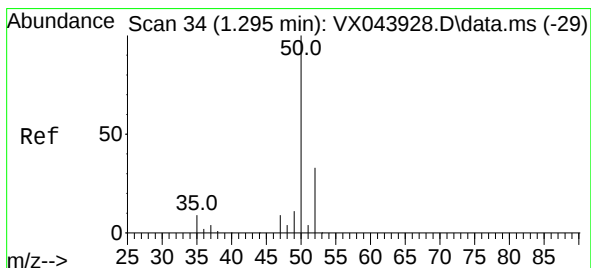
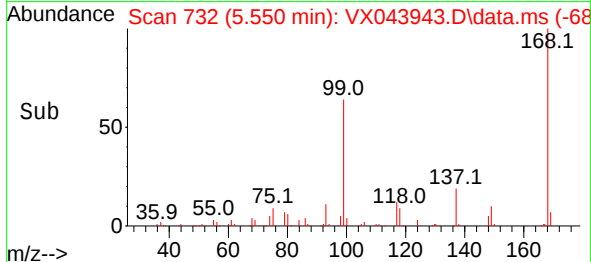
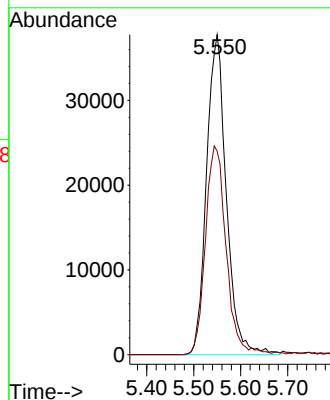
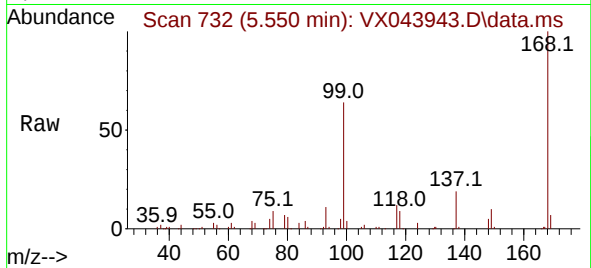




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

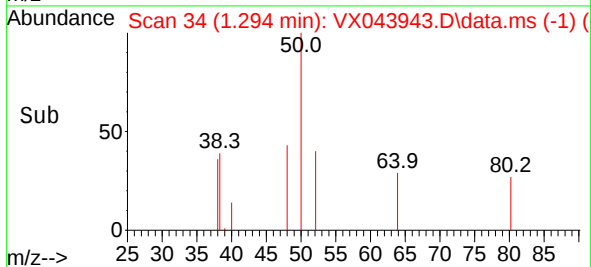
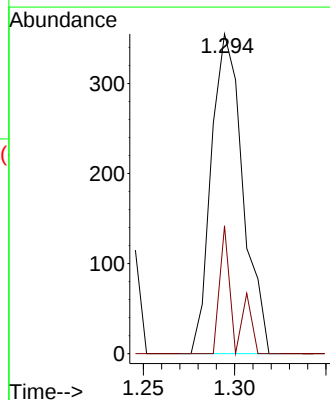
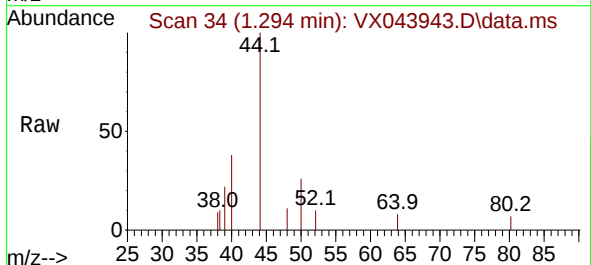
Instrument :
MSVOA_X
ClientSampleId :

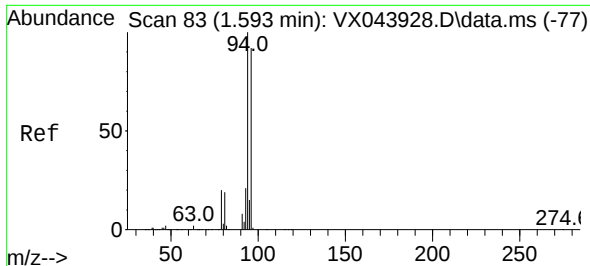
Tgt Ion:168 Resp: 110330
Ion Ratio Lower Upper
168 100
99 63.5 51.8 77.8



#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 40.0 26.1 39.1#

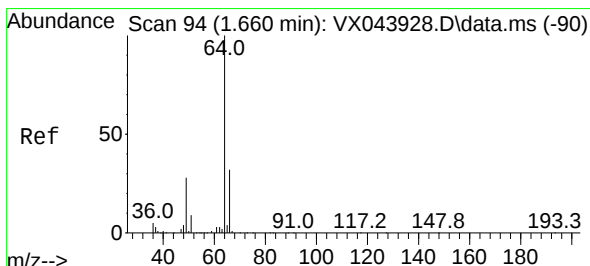
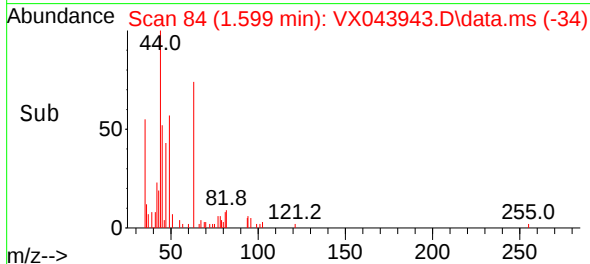
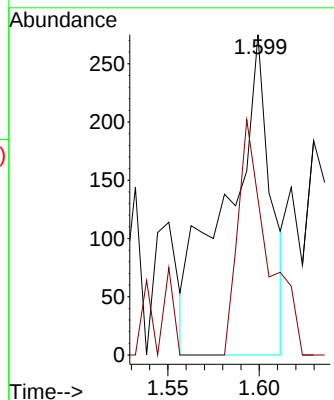
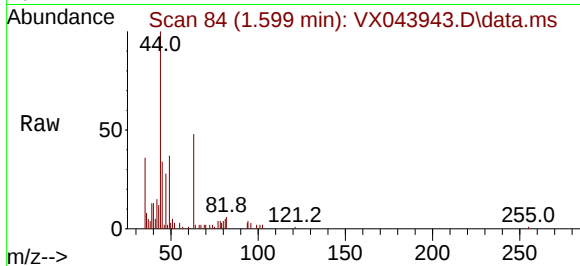




#5
Bromomethane
Concen: 0.479 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

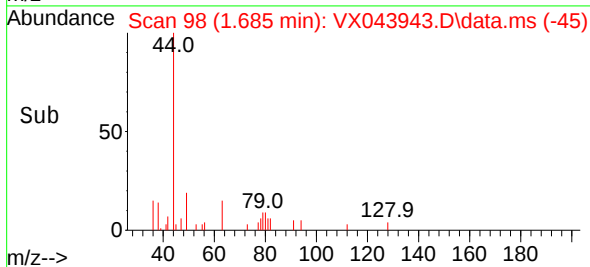
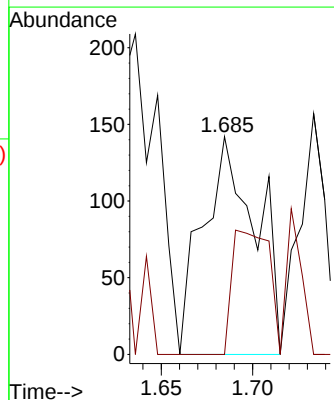
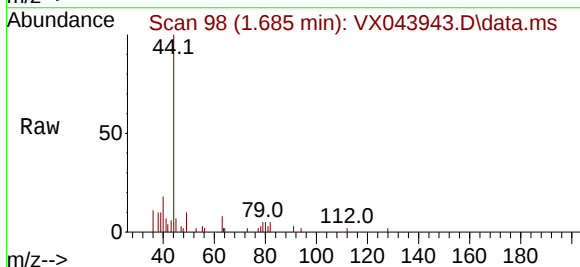
Instrument :
MSVOA_X
ClientSampleId :

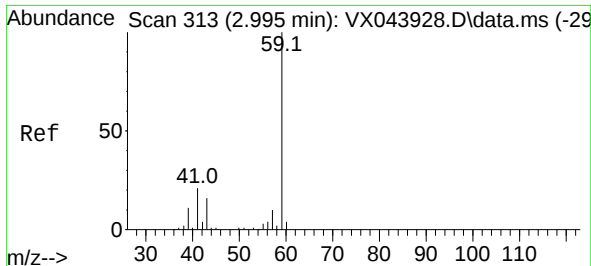
Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 60.4 73.9 110.9#



#6
Chloroethane
Concen: 0.299 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.024 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

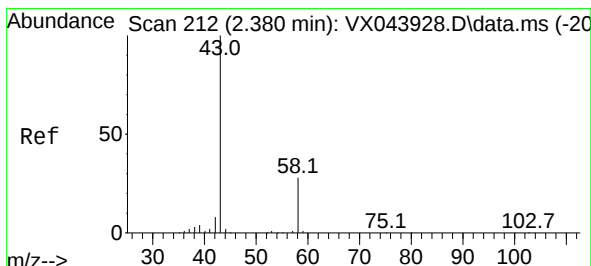
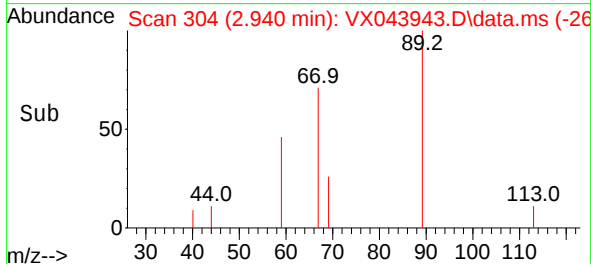
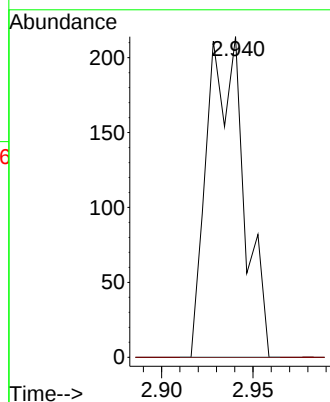
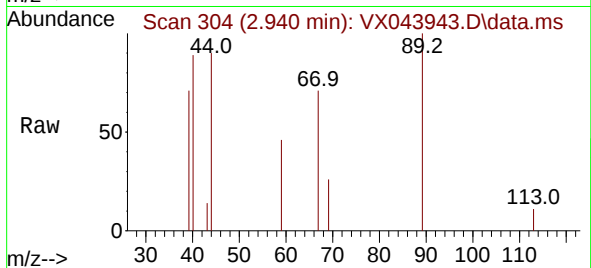




#11
Tert butyl alcohol
Concen: 0.978 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

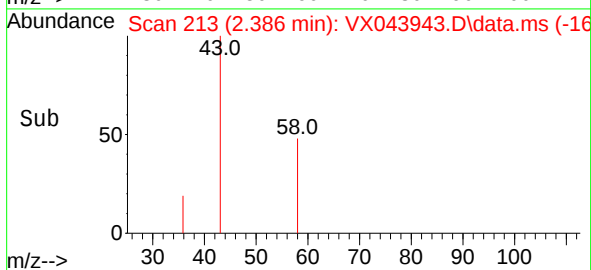
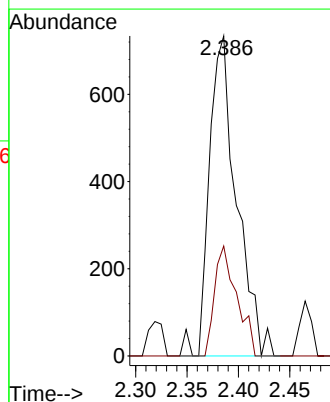
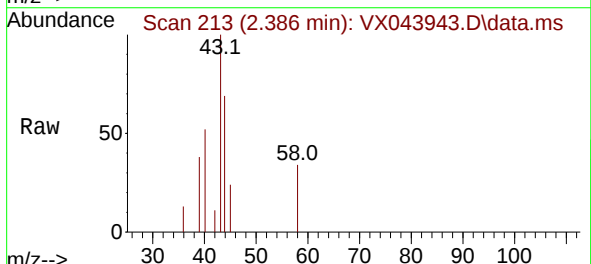
Instrument :
MSVOA_X
ClientSampleId :

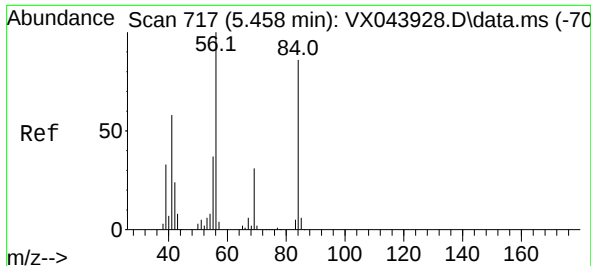
Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 1.560 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

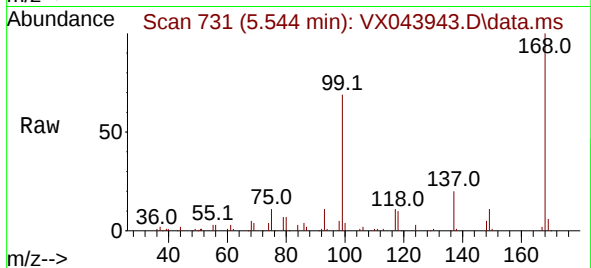
Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#



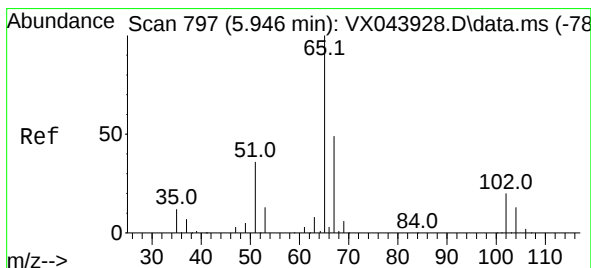
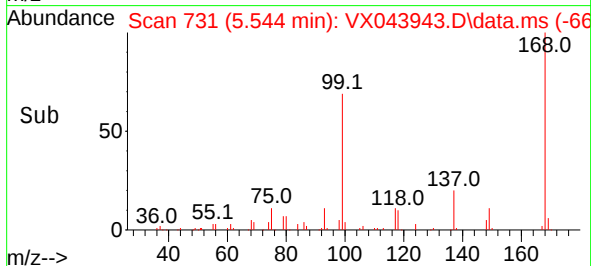
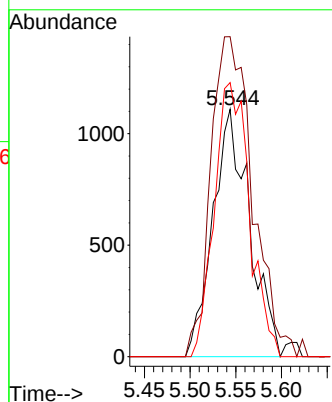


#31
Cyclohexane
Concen: 1.458 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

Instrument :
MSVOA_X
ClientSampleId :

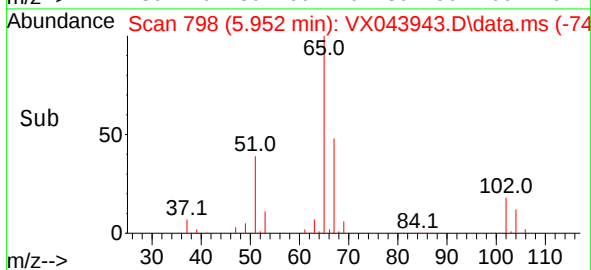
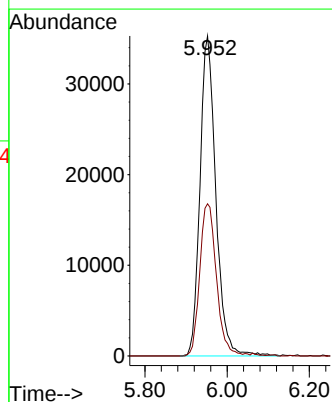
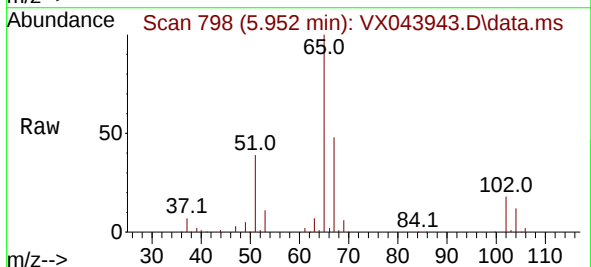


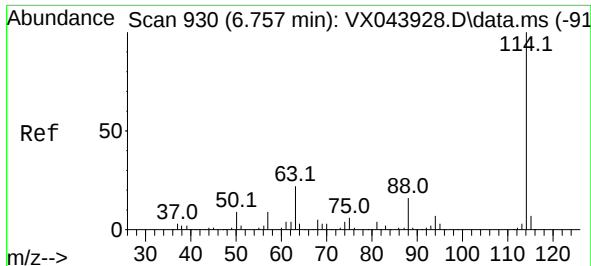
Tgt Ion: 56 Resp: 3075
Ion Ratio Lower Upper
56 100
69 129.4 24.7 37.1#
84 110.8 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 49.937 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

Tgt Ion: 65 Resp: 94499
Ion Ratio Lower Upper
65 100
67 50.0 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: VX043943.D

Acq: 21 Nov 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

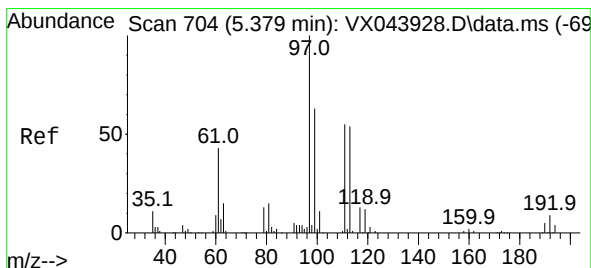
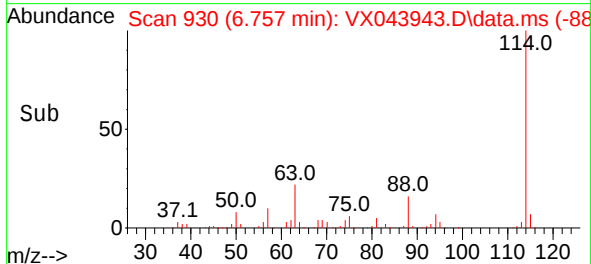
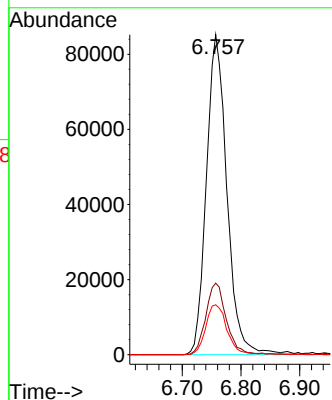
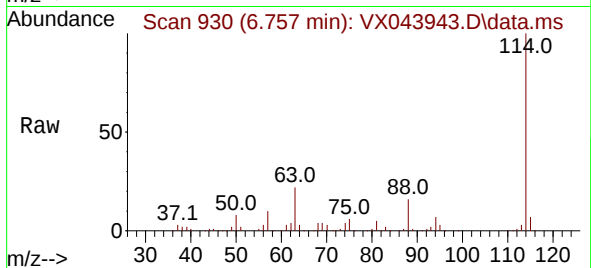
Tgt Ion:114 Resp: 206208

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 15.6 0.0 32.4



#35

Dibromofluoromethane

Concen: 47.084 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043943.D

Acq: 21 Nov 2024 18:23

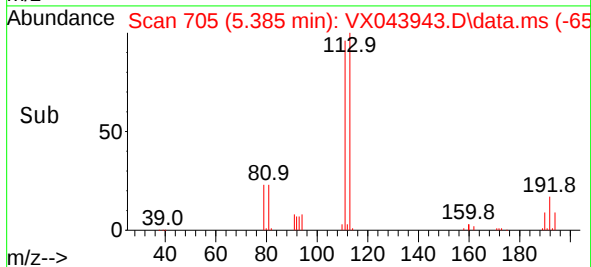
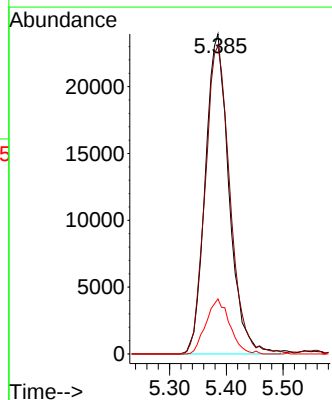
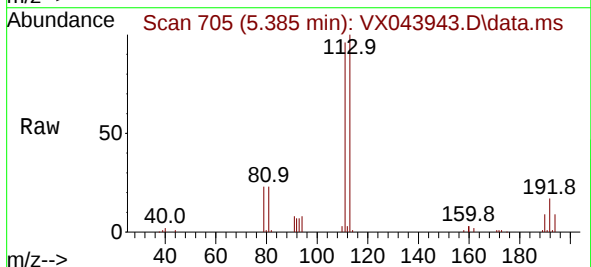
Tgt Ion:113 Resp: 69376

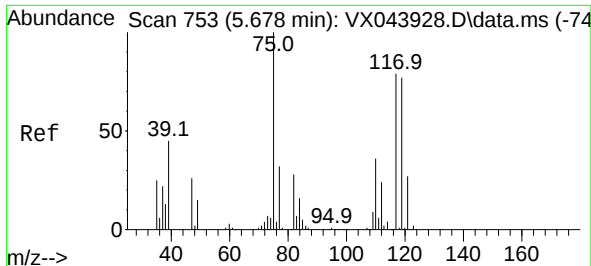
Ion Ratio Lower Upper

113 100

111 100.9 81.0 121.4

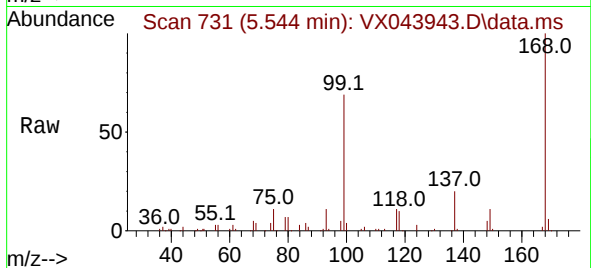
192 17.2 13.0 19.6



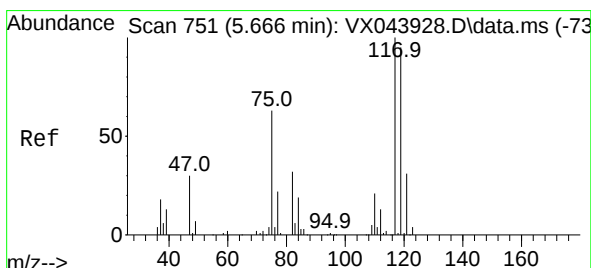
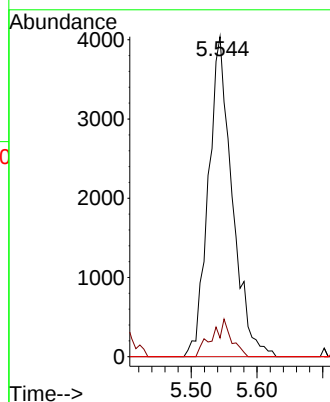
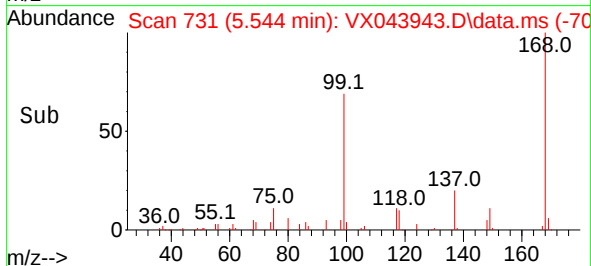


#36
1,1-Dichloropropene
Concen: 5.548 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

Instrument :
MSVOA_X
ClientSampleId :

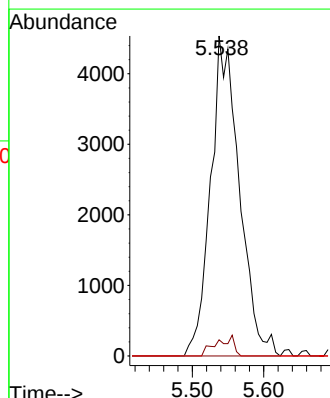
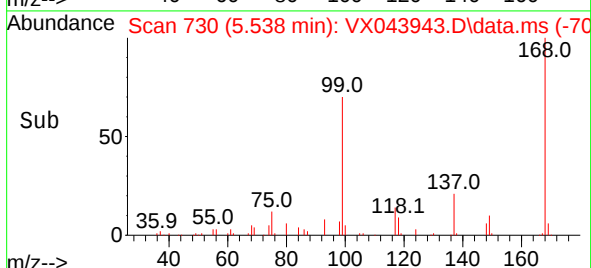
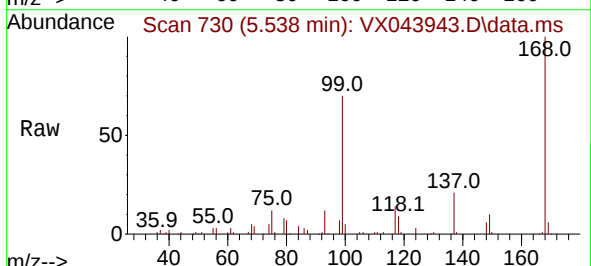


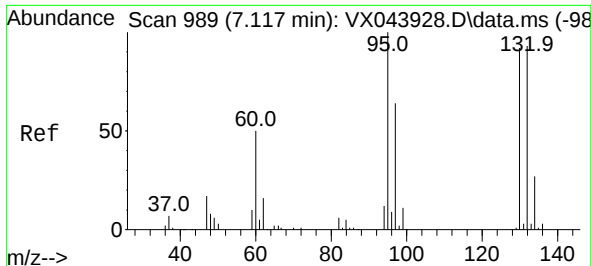
Tgt Ion: 75 Resp: 10186
Ion Ratio Lower Upper
75 100
110 9.5 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

Tgt Ion: 117 Resp: 12643
Ion Ratio Lower Upper
117 100
119 5.1 75.2 112.8#
121 0.0 24.5 36.7#





#44

Trichloroethene

Concen: 0.224 ug/l

RT: 7.135 min Scan# 94

Delta R.T. 0.018 min

Lab File: VX043943.D

Acq: 21 Nov 2024 18:23

Instrument :

MSVOA_X

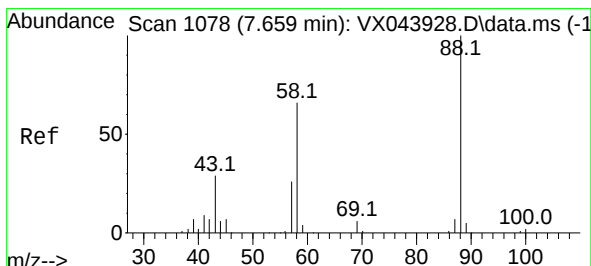
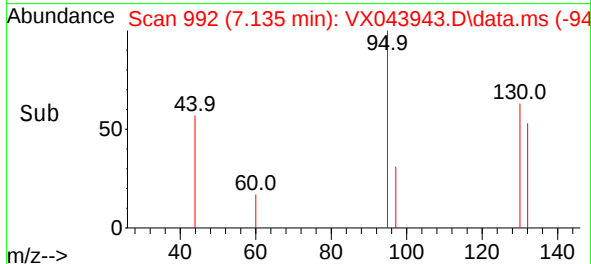
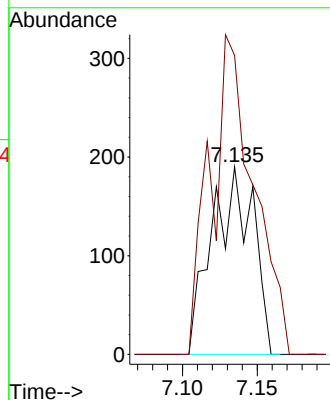
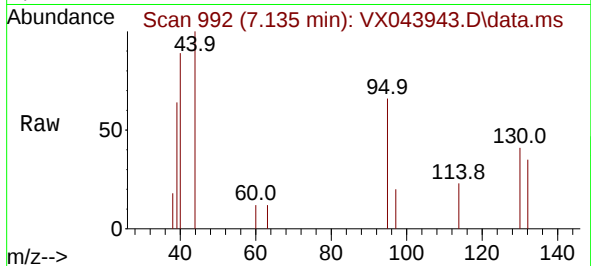
ClientSampleId :

Tgt Ion:130 Resp: 363

Ion Ratio Lower Upper

130 100

95 159.5 0.0 217.8



#49

1,4-Dioxane

Concen: 0.903 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.098 min

Lab File: VX043943.D

Acq: 21 Nov 2024 18:23

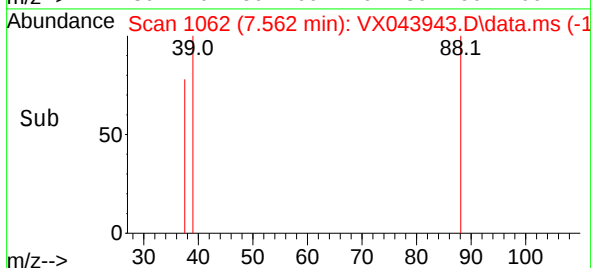
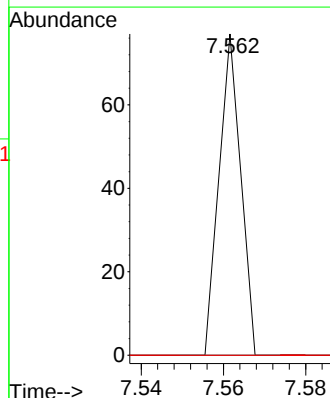
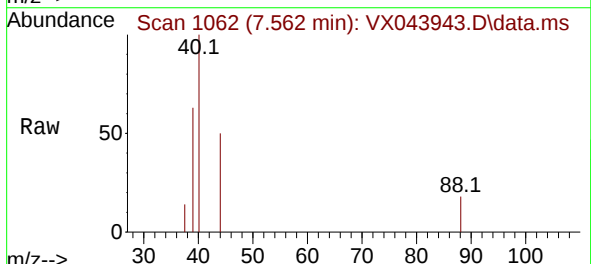
Tgt Ion: 88 Resp: 28

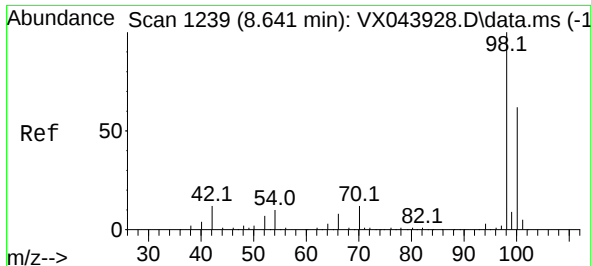
Ion Ratio Lower Upper

88 100

43 0.0 26.8 40.2#

58 0.0 45.4 68.2#





#50

Toluene-d8

Concen: 49.469 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043943.D

Acq: 21 Nov 2024 18:23

Instrument :

MSVOA_X

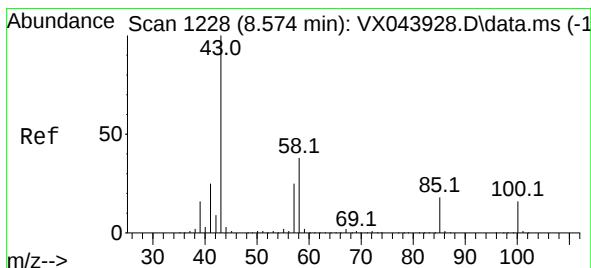
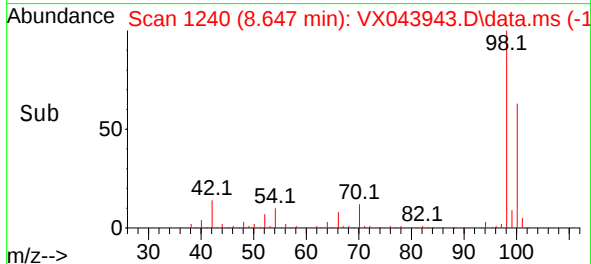
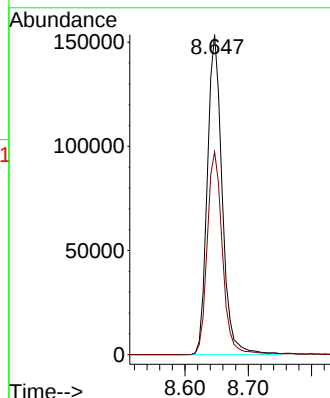
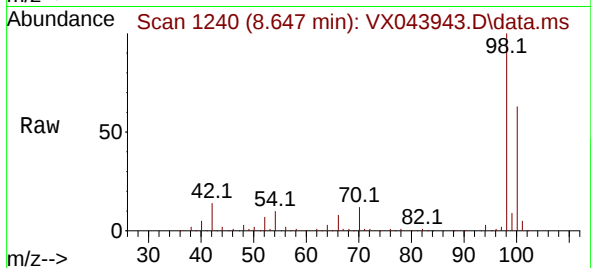
ClientSampleId :

Tgt Ion: 98 Resp: 251263

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX043943.D

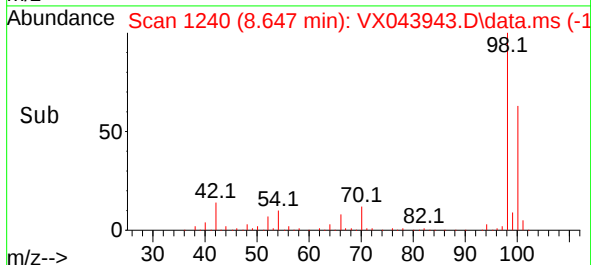
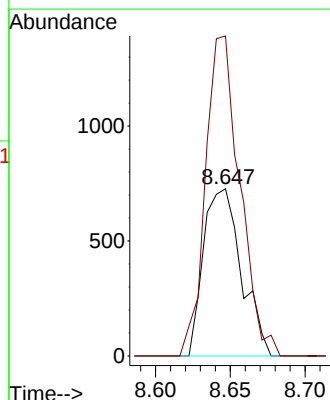
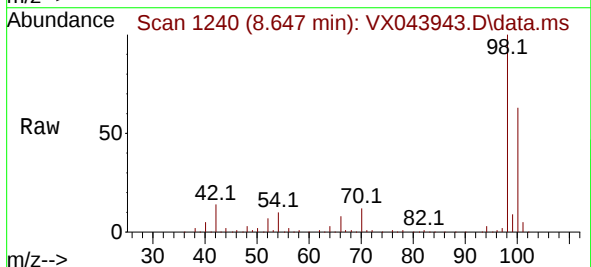
Acq: 21 Nov 2024 18:23

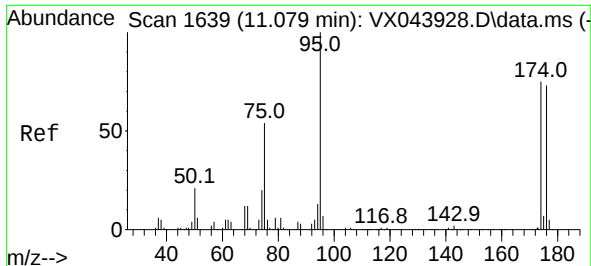
Tgt Ion: 43 Resp: 1281

Ion Ratio Lower Upper

43 100

58 173.6 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 45.871 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043943.D

Acq: 21 Nov 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

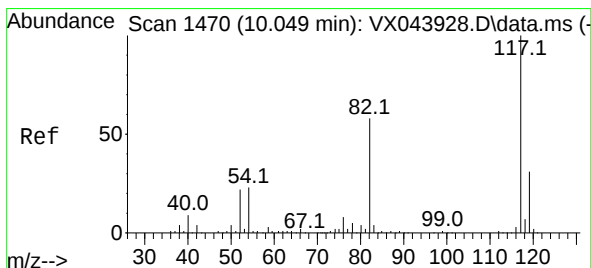
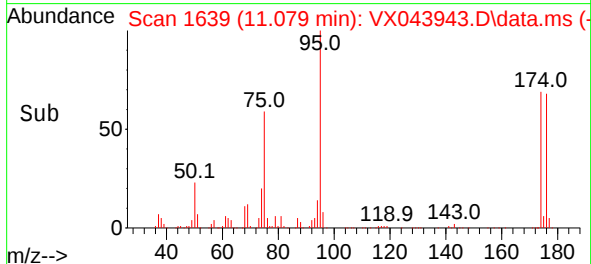
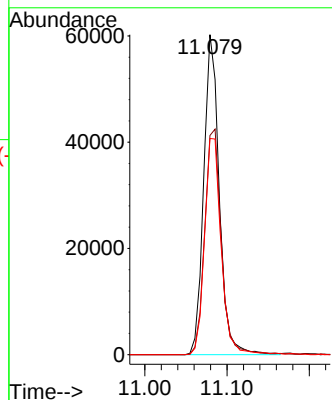
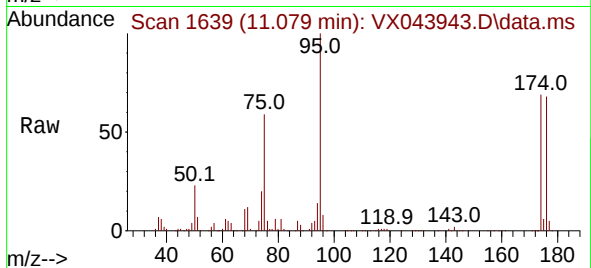
Tgt Ion: 95 Resp: 79292

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 72.2 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: VX043943.D

Acq: 21 Nov 2024 18:23

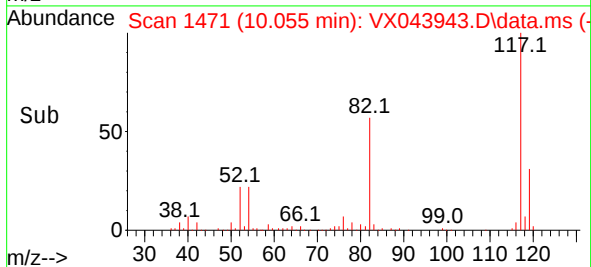
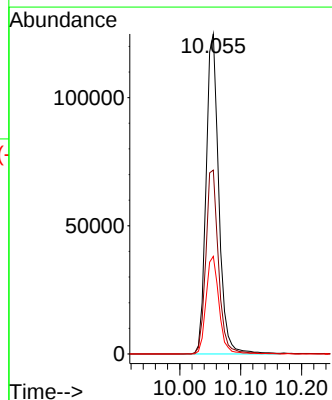
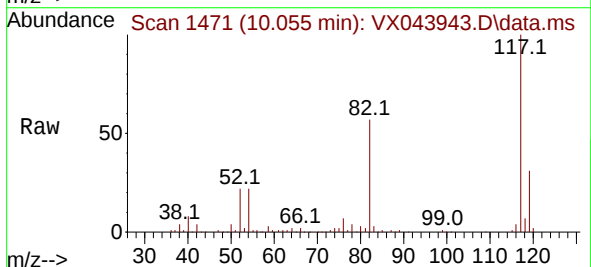
Tgt Ion: 117 Resp: 181398

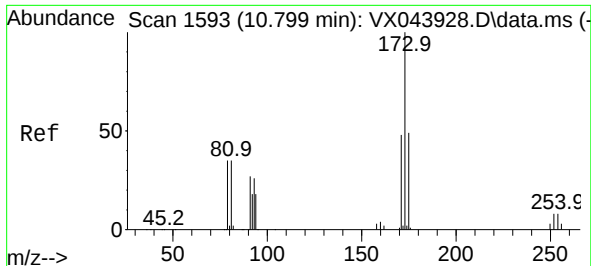
Ion Ratio Lower Upper

117 100

82 57.4 46.4 69.6

119 30.5 24.6 37.0

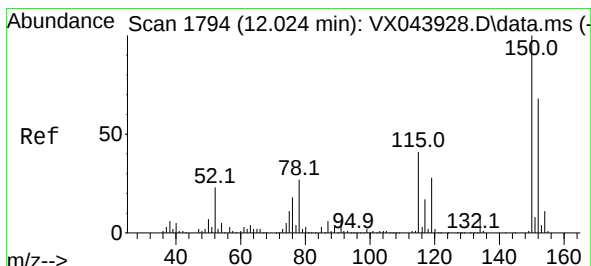
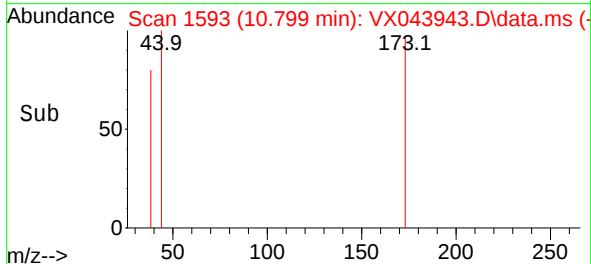
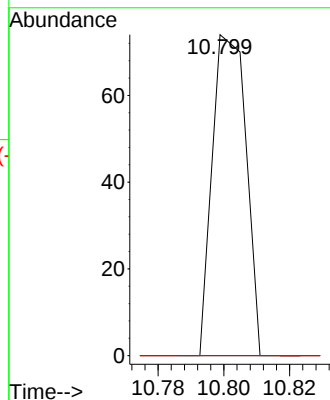
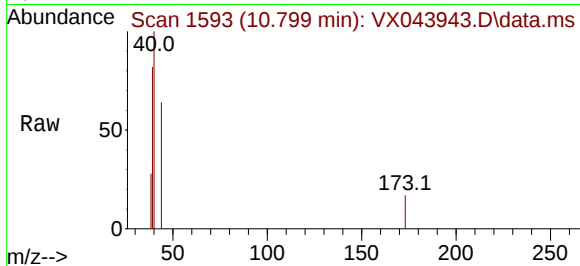




#71
Bromoform
Concen: 1.260 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

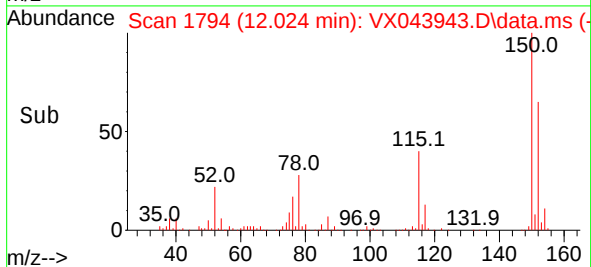
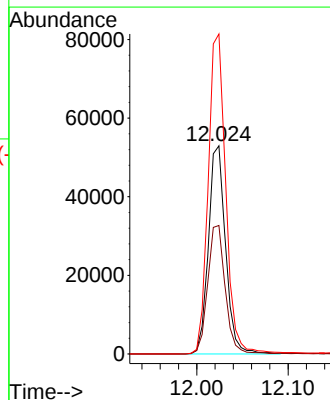
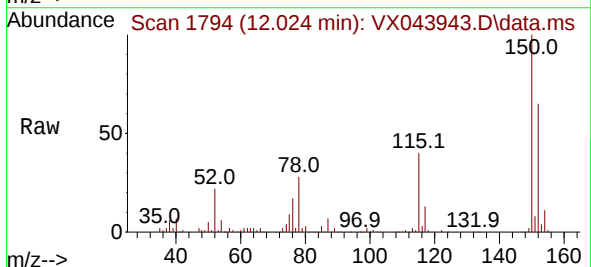
Instrument :
MSVOA_X
ClientSampleId :

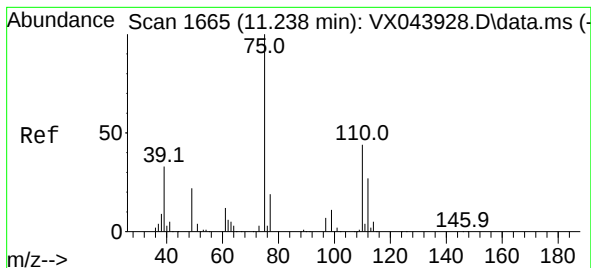
Tgt Ion:173 Resp: 53
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043943.D
Acq: 21 Nov 2024 18:23

Tgt Ion:152 Resp: 69030
Ion Ratio Lower Upper
152 100
115 62.9 45.4 136.2
150 157.9 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 30.111 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043943.D

Acq: 21 Nov 2024 18:23

Instrument :

MSVOA_X

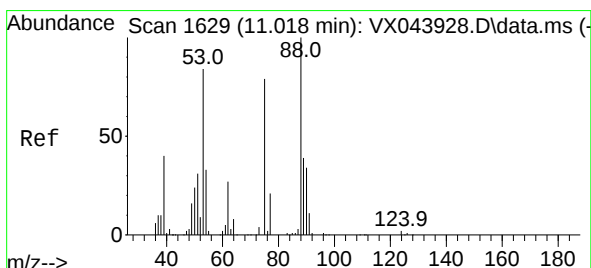
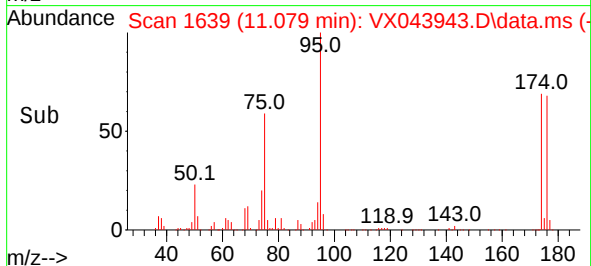
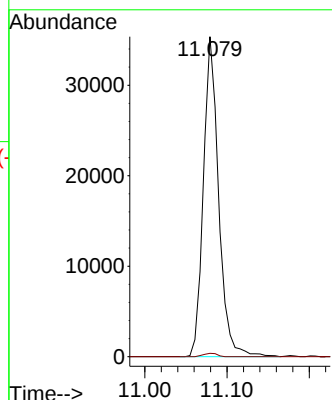
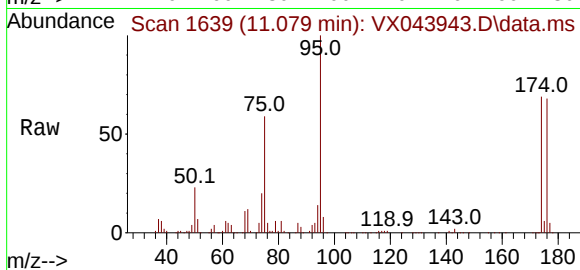
ClientSampleId :

Tgt Ion: 75 Resp: 45582

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.165 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043943.D

Acq: 21 Nov 2024 18:23

Tgt Ion: 75 Resp: 45582

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.2 38.2 57.2#

