

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043959.D
 Acq On : 22 Nov 2024 14:57
 Operator : JC/MD
 Sample : P4846-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 22:23:57 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)

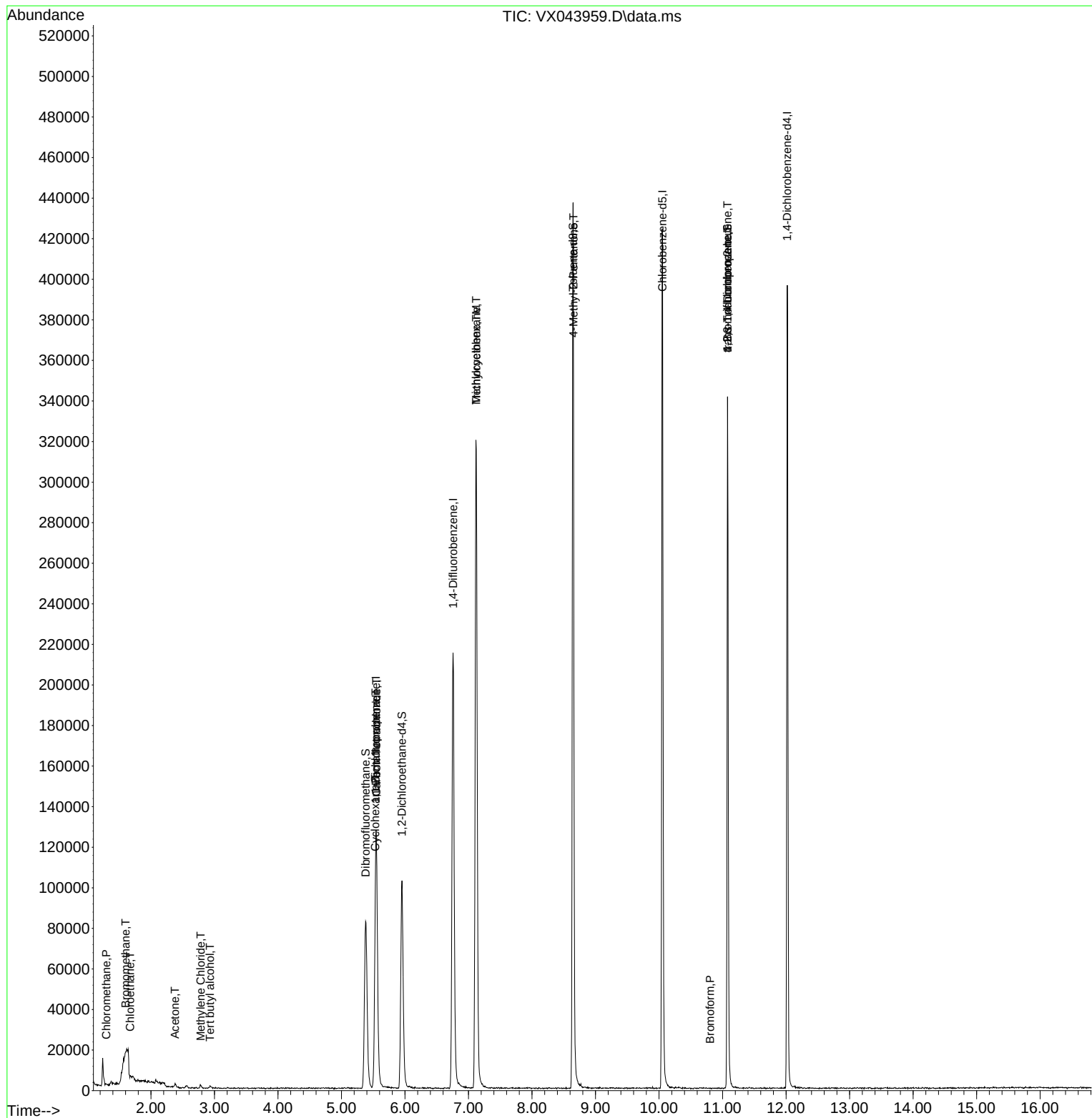
Internal Standards						
1) Pentafluorobenzene	5.543	168	111846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99420	51.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.660%	
35) Dibromofluoromethane	5.379	113	71893	45.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.700%	
50) Toluene-d8	8.647	98	265258	49.074	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	11.079	95	88331	48.017	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	433	0.290	ug/l	96
5) Bromomethane	1.599	94	217	0.222	ug/l #	69
6) Chloroethane	1.672	64	257	0.266	ug/l #	88
11) Tert butyl alcohol	2.928	59	364	1.182	ug/l #	73
16) Acetone	2.379	43	1724	1.957	ug/l #	82
20) Methylene Chloride	2.782	84	562	0.376	ug/l #	85
31) Cyclohexane	5.531	56	3284	1.536	ug/l #	62
36) 1,1-Dichloropropene	5.537	75	10745	5.499	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13194	6.009	ug/l #	17
39) Methylcyclohexane	7.122	83	1778	0.700	ug/l #	1
44) Trichloroethene	7.122	130	120261	69.796	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	1498	0.636	ug/l #	1
71) Bromoform	10.805	173	59	1.263	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	48714	28.920	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	48714	78.916	ug/l #	6

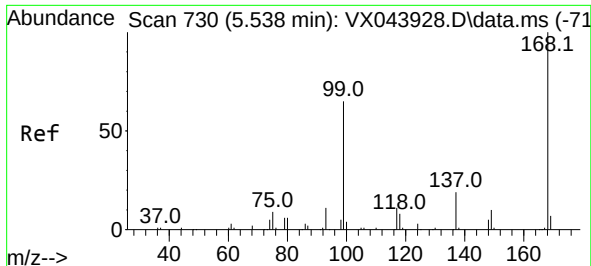
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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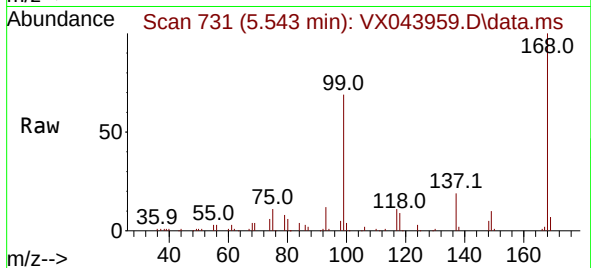
Quant Time: Nov 22 22:23:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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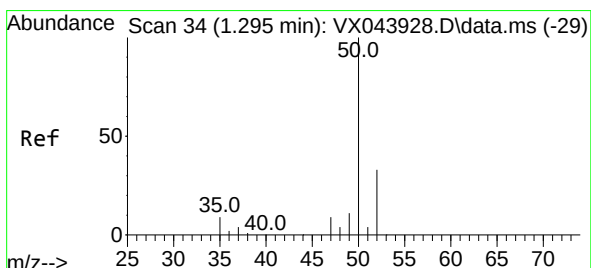
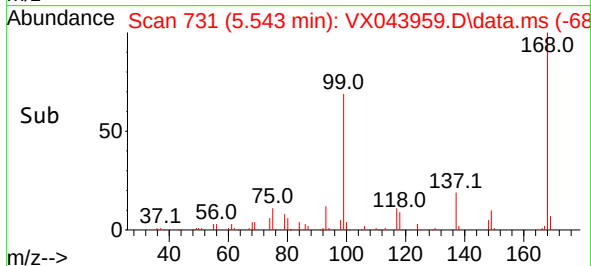
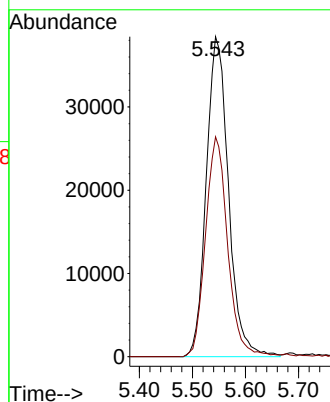


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :

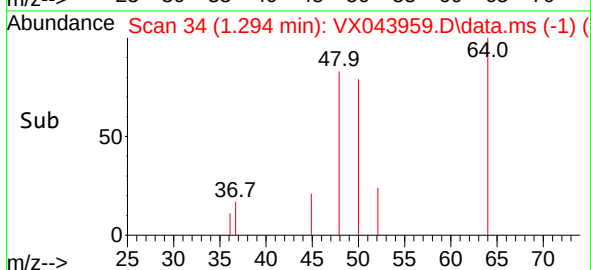
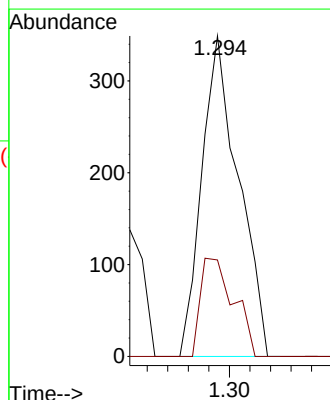
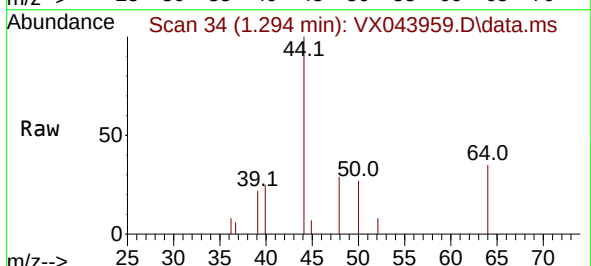


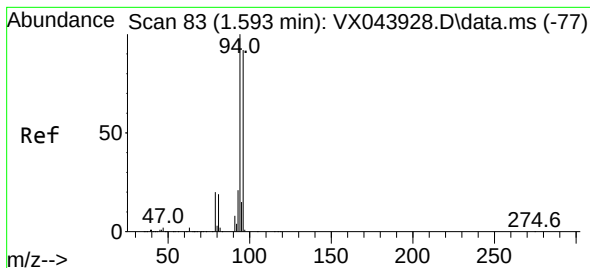
Tgt Ion:168 Resp: 111846
Ion Ratio Lower Upper
168 100
99 68.7 51.8 77.8



#3
Chloromethane
Concen: 0.290 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 30.1 26.1 39.1





#5

Bromomethane

Concen: 0.222 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX043959.D

Acq: 22 Nov 2024 14:57

Instrument :

MSVOA_X

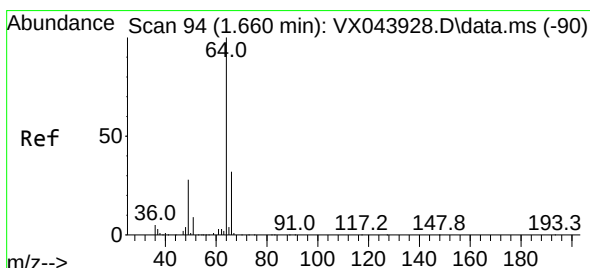
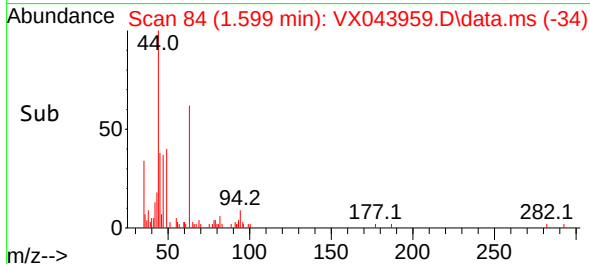
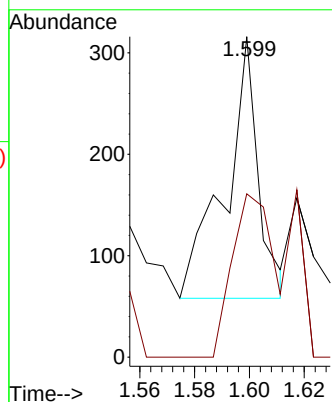
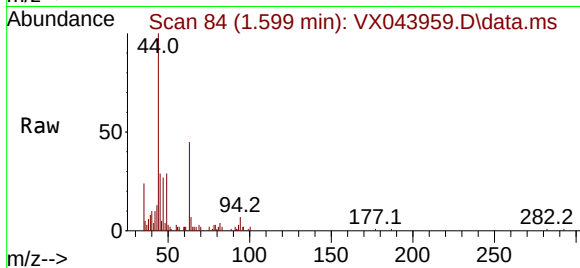
ClientSampleId :

Tgt Ion: 94 Resp: 217

Ion Ratio Lower Upper

94 100

96 62.4 73.9 110.9#



#6

Chloroethane

Concen: 0.266 ug/l

RT: 1.672 min Scan# 96

Delta R.T. 0.012 min

Lab File: VX043959.D

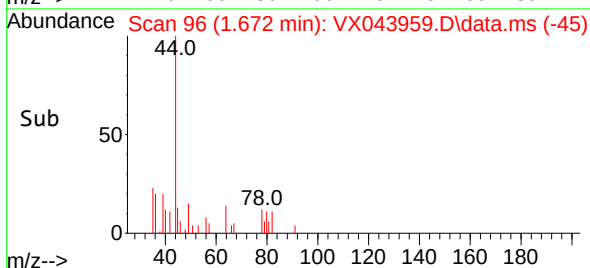
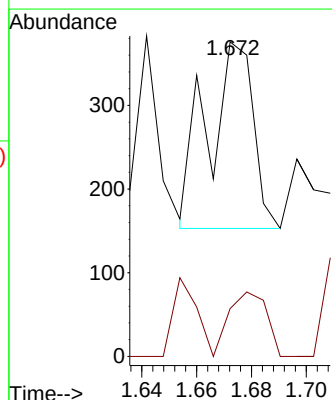
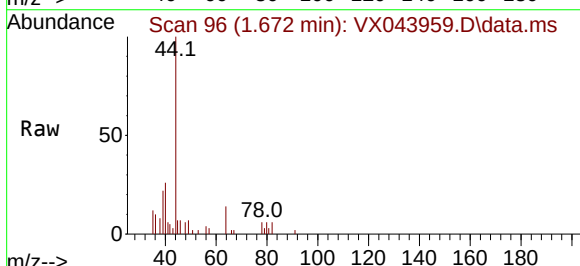
Acq: 22 Nov 2024 14:57

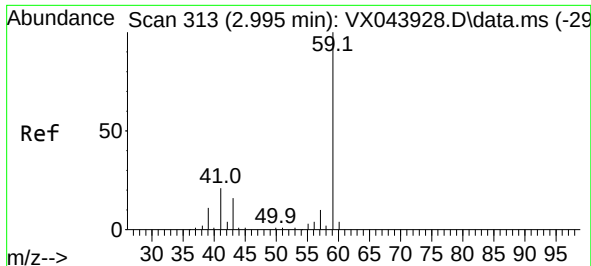
Tgt Ion: 64 Resp: 257

Ion Ratio Lower Upper

64 100

66 25.6 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.182 ug/l

RT: 2.928 min Scan# 30

Delta R.T. -0.067 min

Lab File: VX043959.D

Acq: 22 Nov 2024 14:57

Instrument :

MSVOA_X

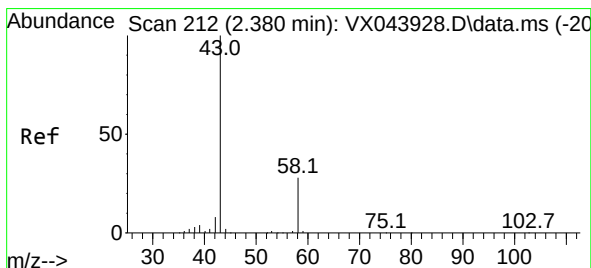
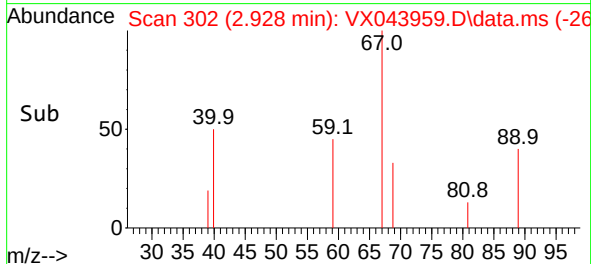
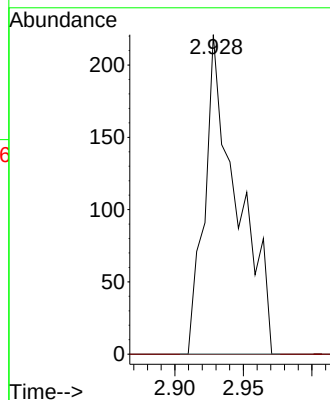
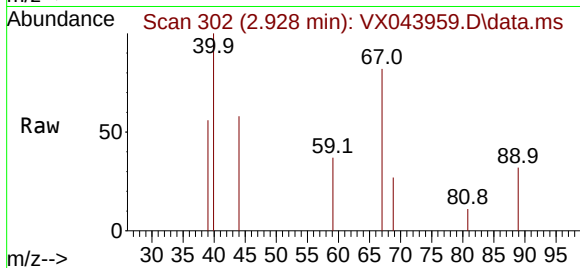
ClientSampleId :

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 1.957 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043959.D

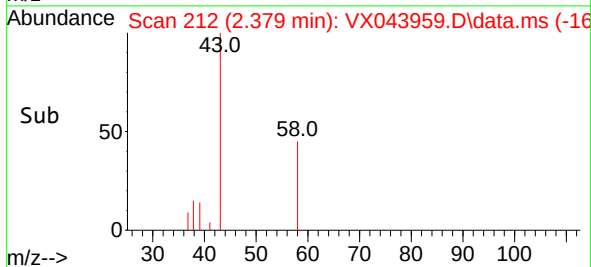
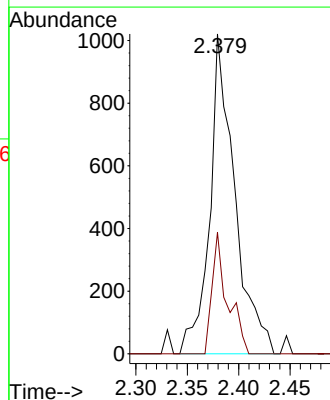
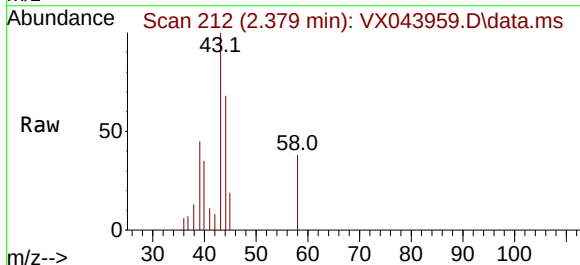
Acq: 22 Nov 2024 14:57

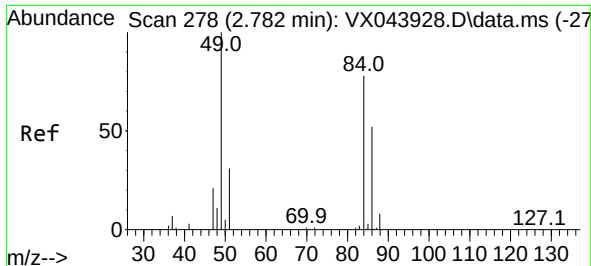
Tgt Ion: 43 Resp: 1724

Ion Ratio Lower Upper

43 100

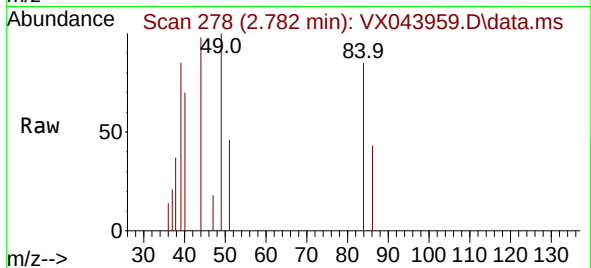
58 38.0 22.7 34.1#



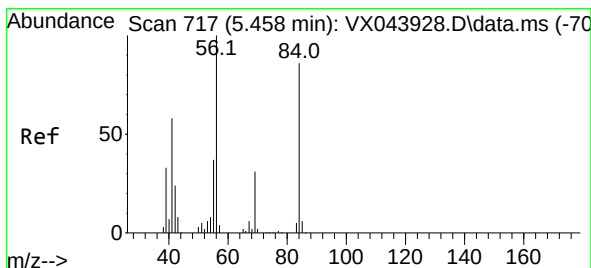
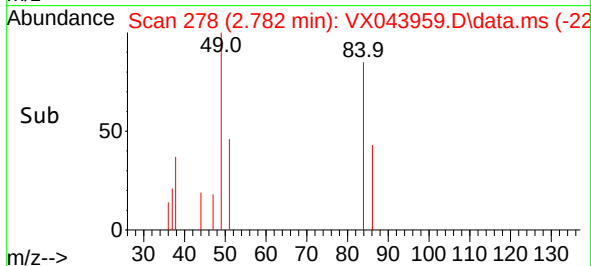
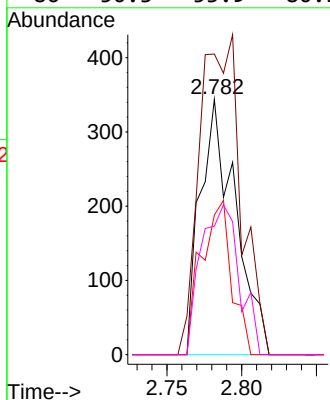


#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :

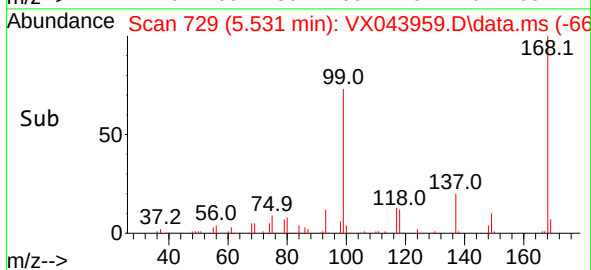
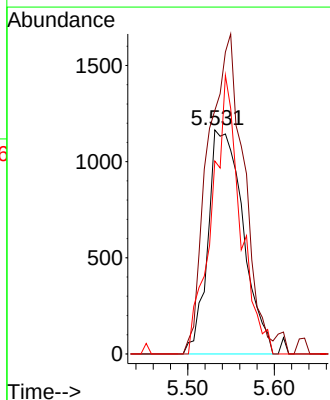
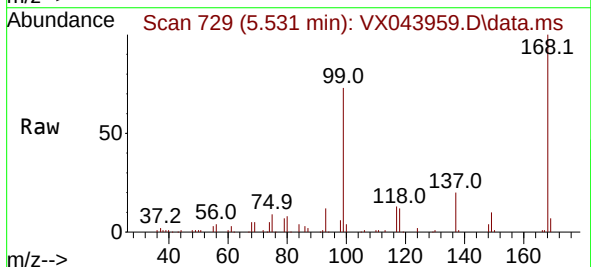


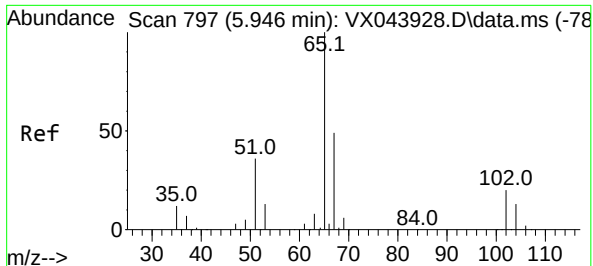
Tgt Ion:	84	Resp:	562
Ion	Ratio	Lower	Upper
84	100		
49	117.7	102.7	154.1
51	54.7	31.7	47.5#
86	50.3	53.9	80.9#



#31
Cyclohexane
Concen: 1.536 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion:	56	Resp:	3284
Ion	Ratio	Lower	Upper
56	100		
69	108.7	24.7	37.1#
84	86.1	68.7	103.1





#33

1,2-Dichloroethane-d4

Concen: 51.826 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX043959.D

Acq: 22 Nov 2024 14:57

Instrument :

MSVOA_X

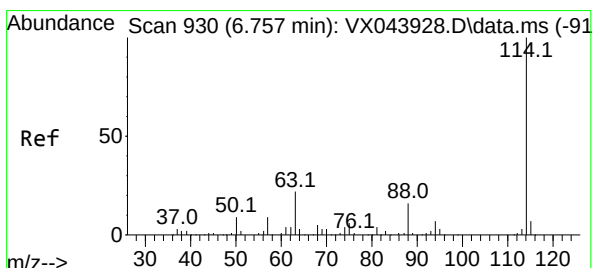
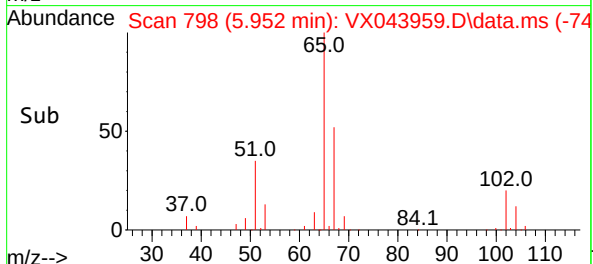
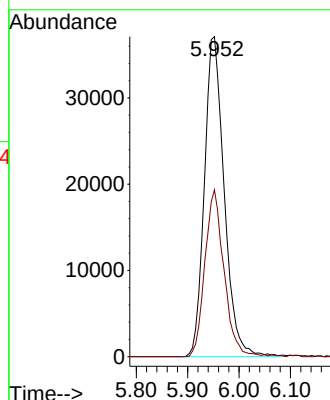
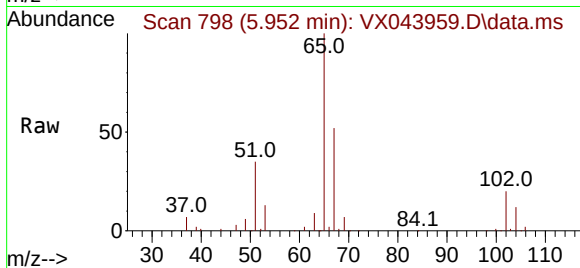
ClientSampleId :

Tgt Ion: 65 Resp: 99420

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043959.D

Acq: 22 Nov 2024 14:57

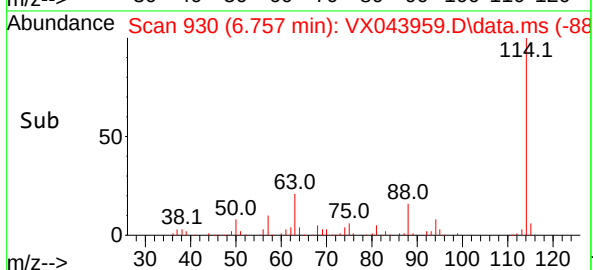
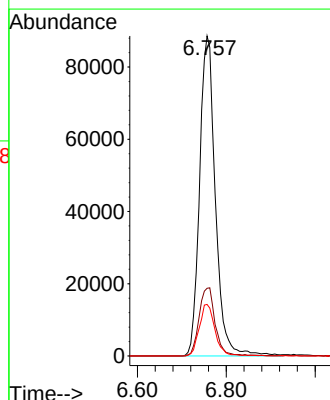
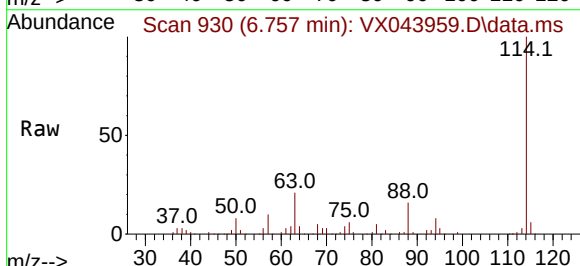
Tgt Ion: 114 Resp: 219449

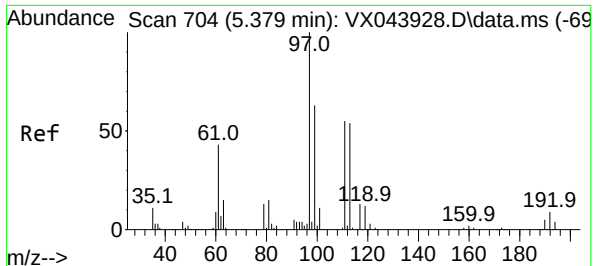
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

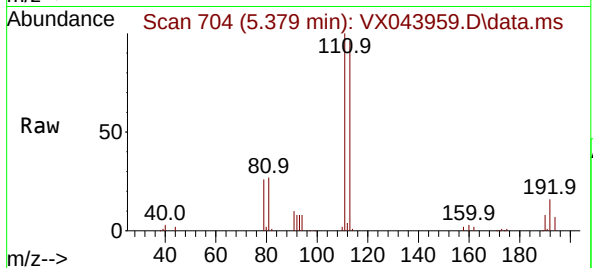
88 16.1 0.0 32.4



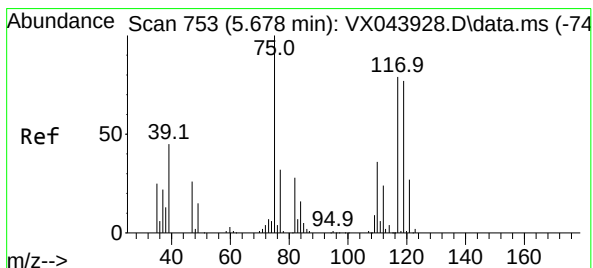
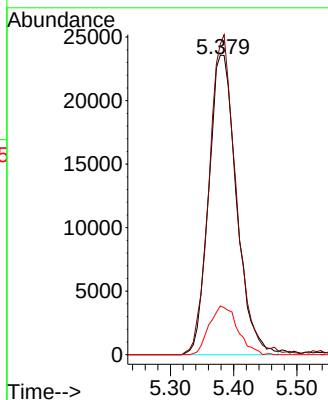
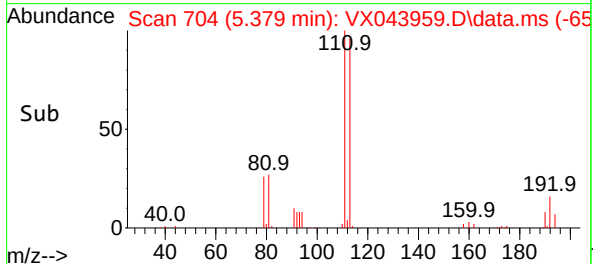


#35
Dibromofluoromethane
Concen: 45.848 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :

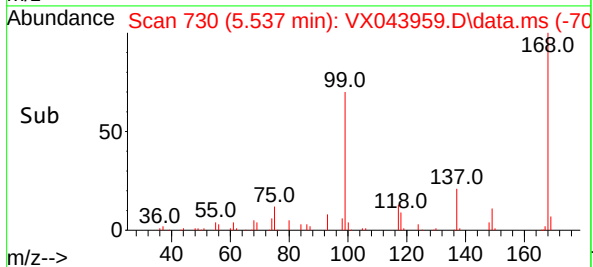
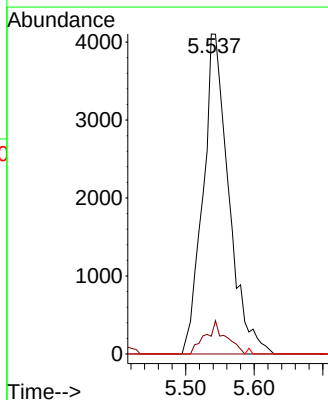
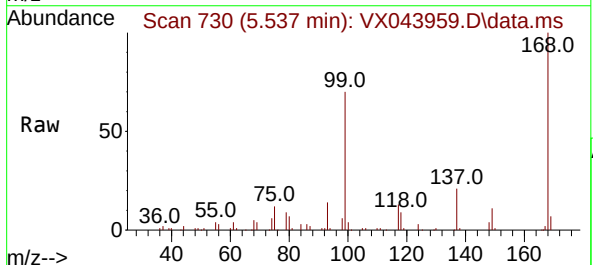


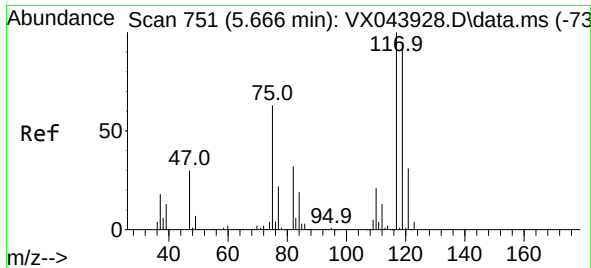
Tgt Ion:113 Resp: 71893
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.4
192 16.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.499 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.141 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

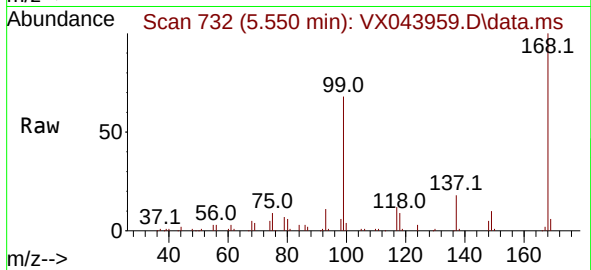
Tgt Ion: 75 Resp: 10745
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.2#
77 0.0 25.8 38.8#



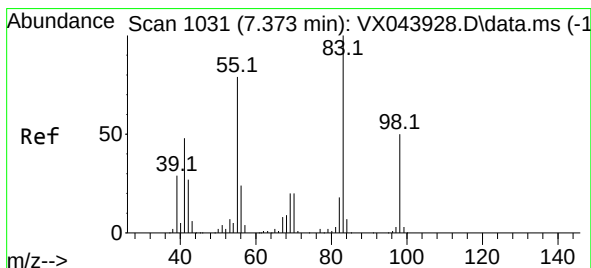
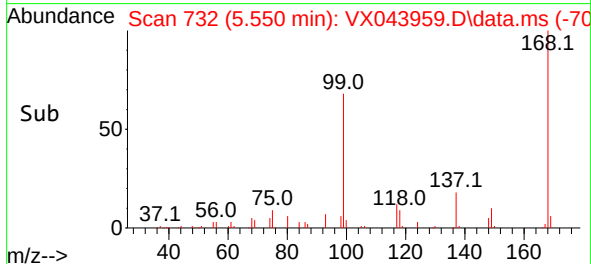
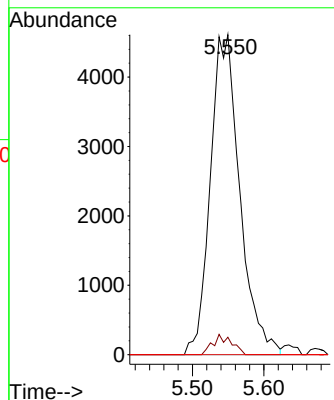


#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :

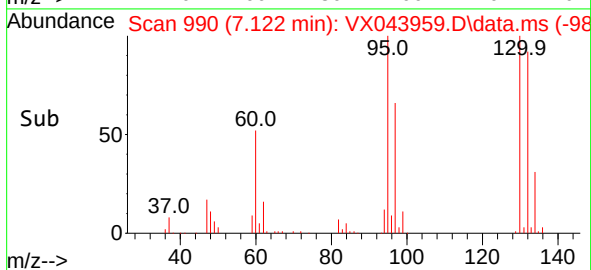
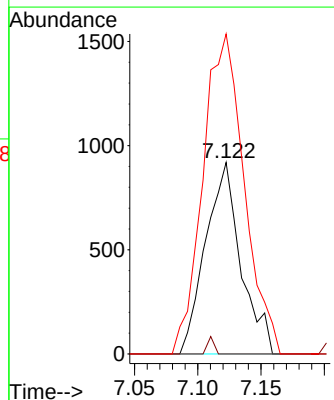
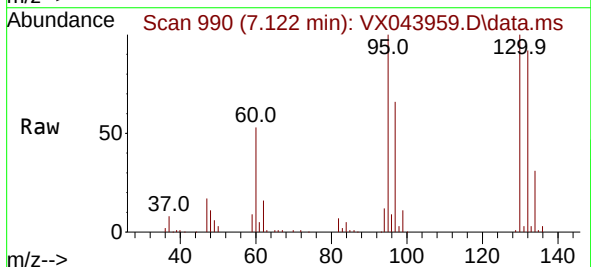


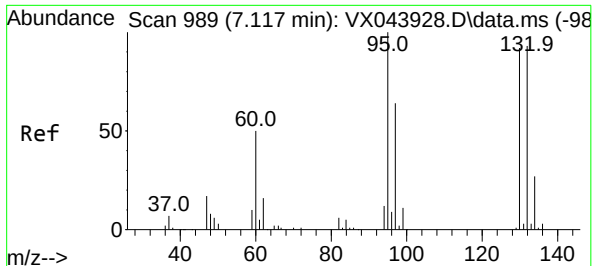
Tgt Ion:117 Resp: 13194
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.700 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion: 83 Resp: 1778
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 167.1 40.0 60.0#

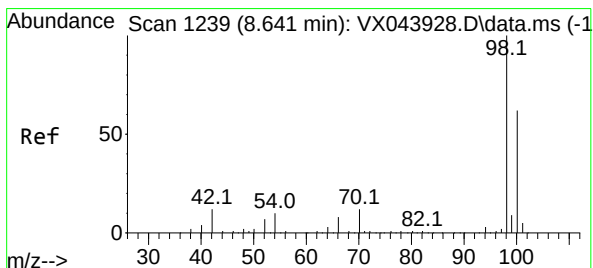
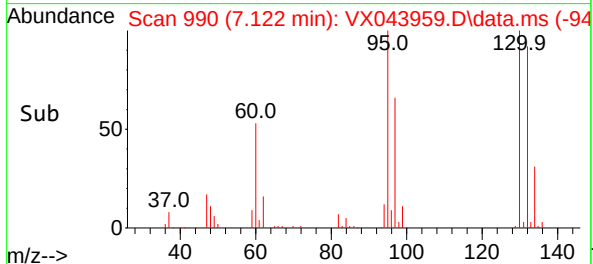
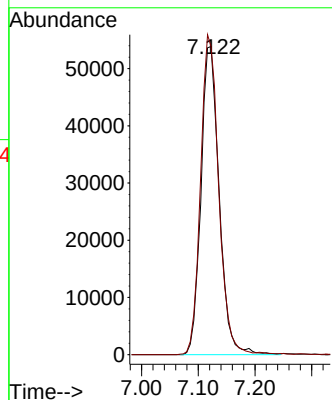
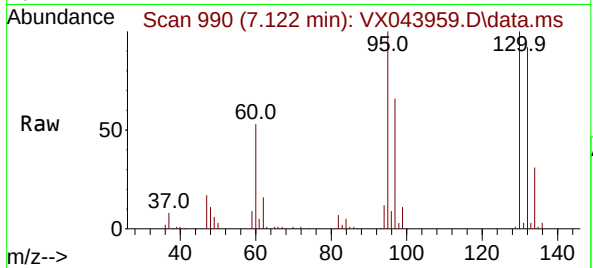




#44
Trichloroethene
Concen: 69.796 ug/l
RT: 7.122 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

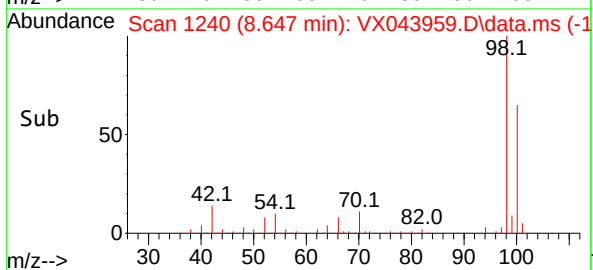
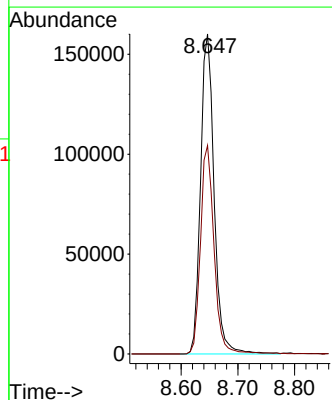
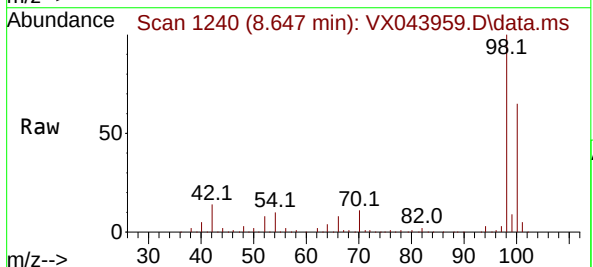
Instrument :
MSVOA_X
ClientSampleId :

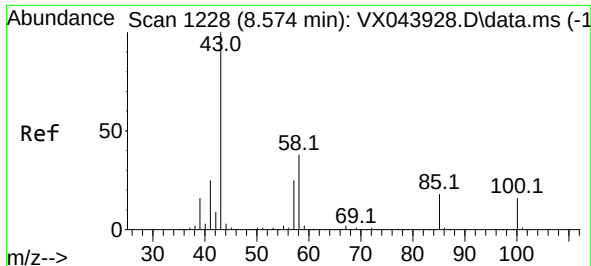
Tgt Ion:130 Resp: 120261
Ion Ratio Lower Upper
130 100
95 99.7 0.0 217.8



#50
Toluene-d8
Concen: 49.074 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

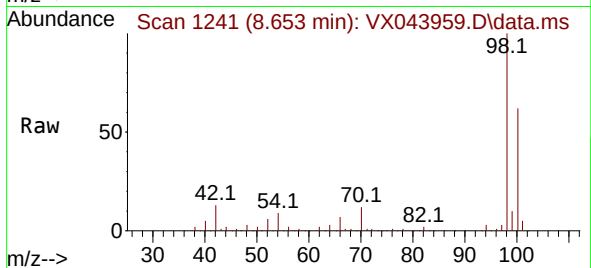
Tgt Ion: 98 Resp: 265258
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



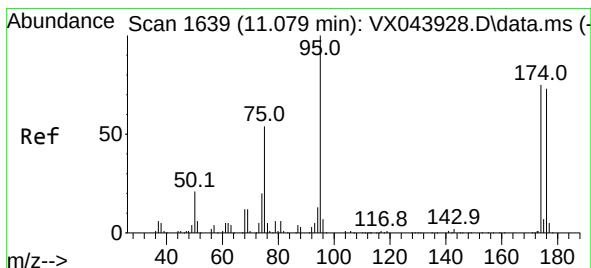
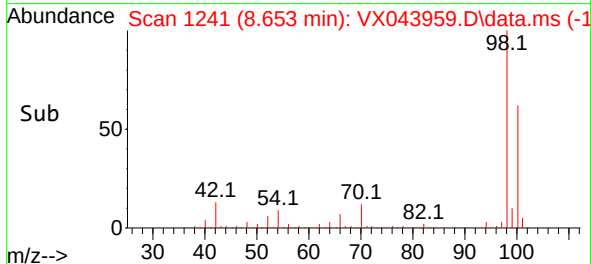
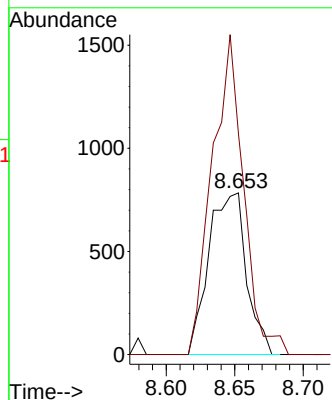


#51
4-Methyl-2-Pentanone
Concen: 0.636 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :

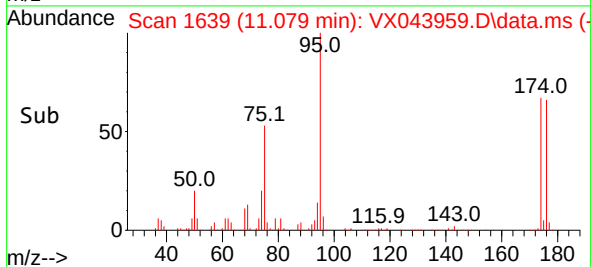
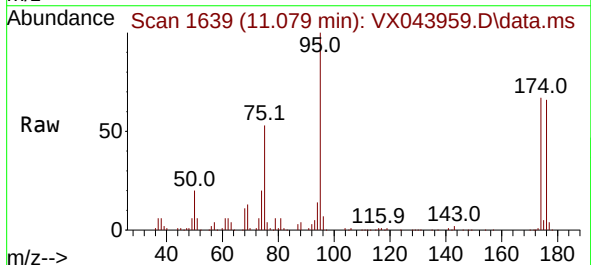
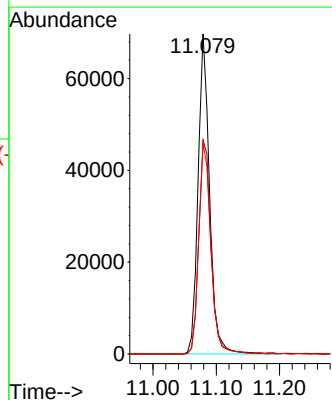


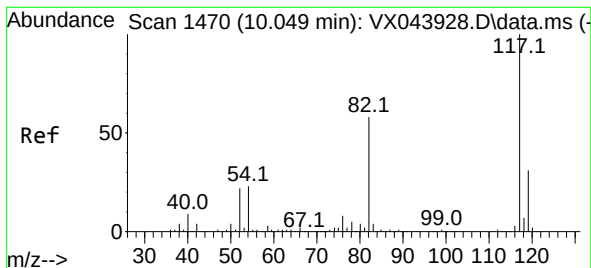
Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 165.6 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 48.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion: 95 Resp: 88331
Ion Ratio Lower Upper
95 100
174 71.2 0.0 150.4
176 69.5 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: VX043959.D

Acq: 22 Nov 2024 14:57

Instrument :

MSVOA_X

ClientSampleId :

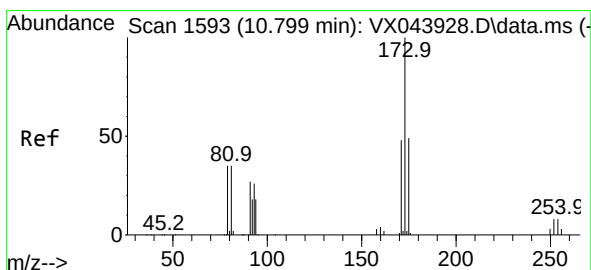
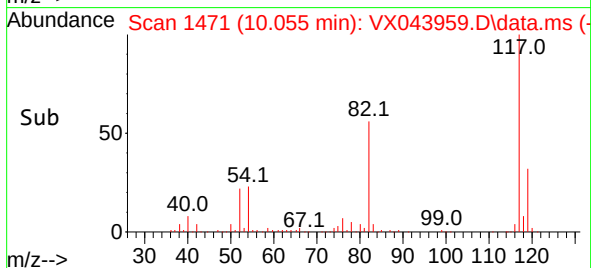
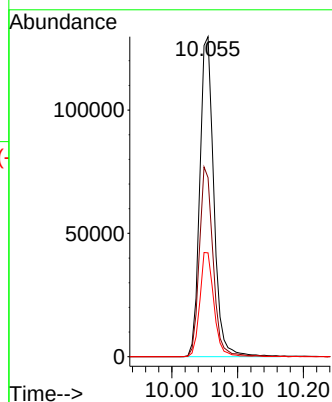
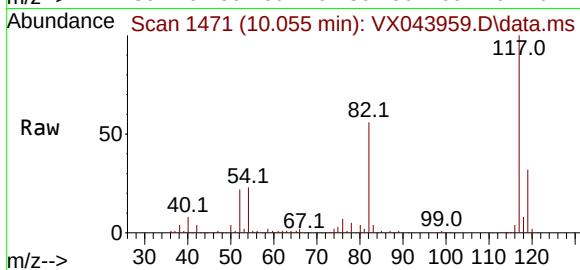
Tgt Ion:117 Resp: 192930

Ion Ratio Lower Upper

117 100

82 56.0 46.4 69.6

119 32.5 24.6 37.0



#71

Bromoform

Concen: 1.263 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX043959.D

Acq: 22 Nov 2024 14:57

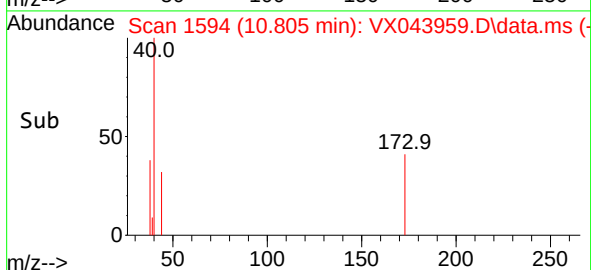
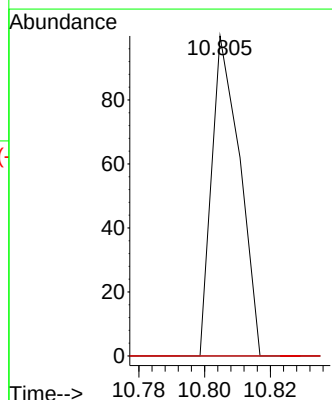
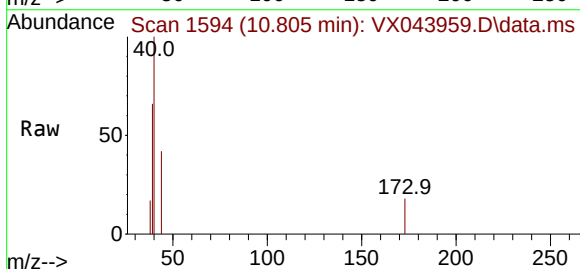
Tgt Ion:173 Resp: 59

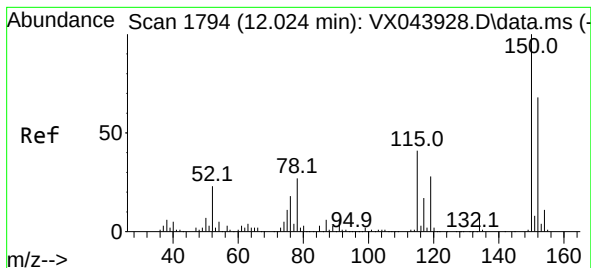
Ion Ratio Lower Upper

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: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043959.D

Acq: 22 Nov 2024 14:57

Instrument :

MSVOA_X

ClientSampleId :

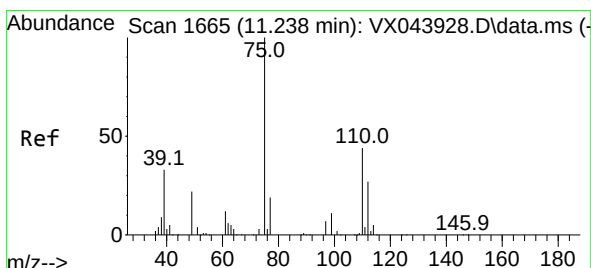
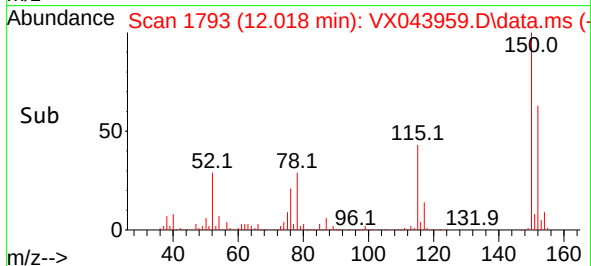
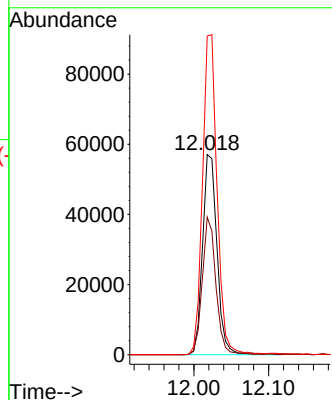
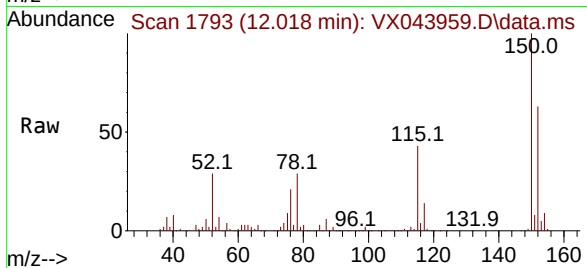
Tgt Ion:152 Resp: 76810

Ion Ratio Lower Upper

152 100

115 64.6 45.4 136.2

150 160.6 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 28.920 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043959.D

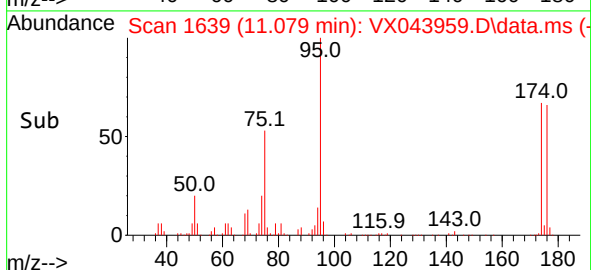
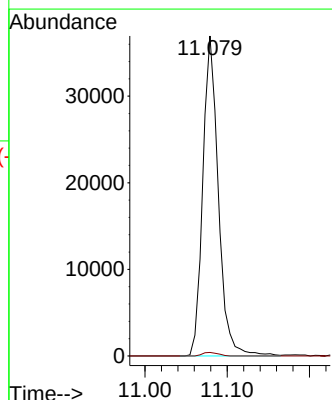
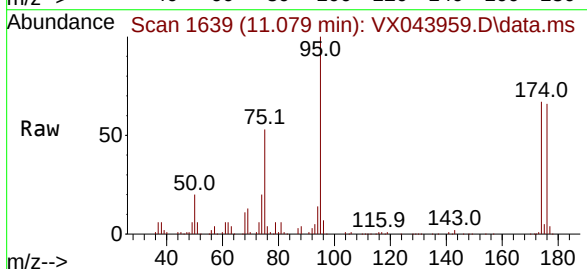
Acq: 22 Nov 2024 14:57

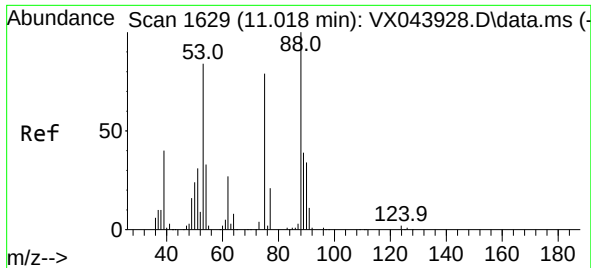
Tgt Ion: 75 Resp: 48714

Ion Ratio Lower Upper

75 100

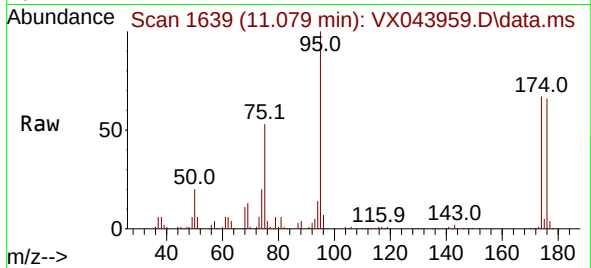
77 1.1 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.916 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043959.D
 Acq: 22 Nov 2024 14:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 48714
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

