

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043934.D
 Acq On : 21 Nov 2024 14:50
 Operator : JC/MD
 Sample : VX1121WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 03:58:32 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)

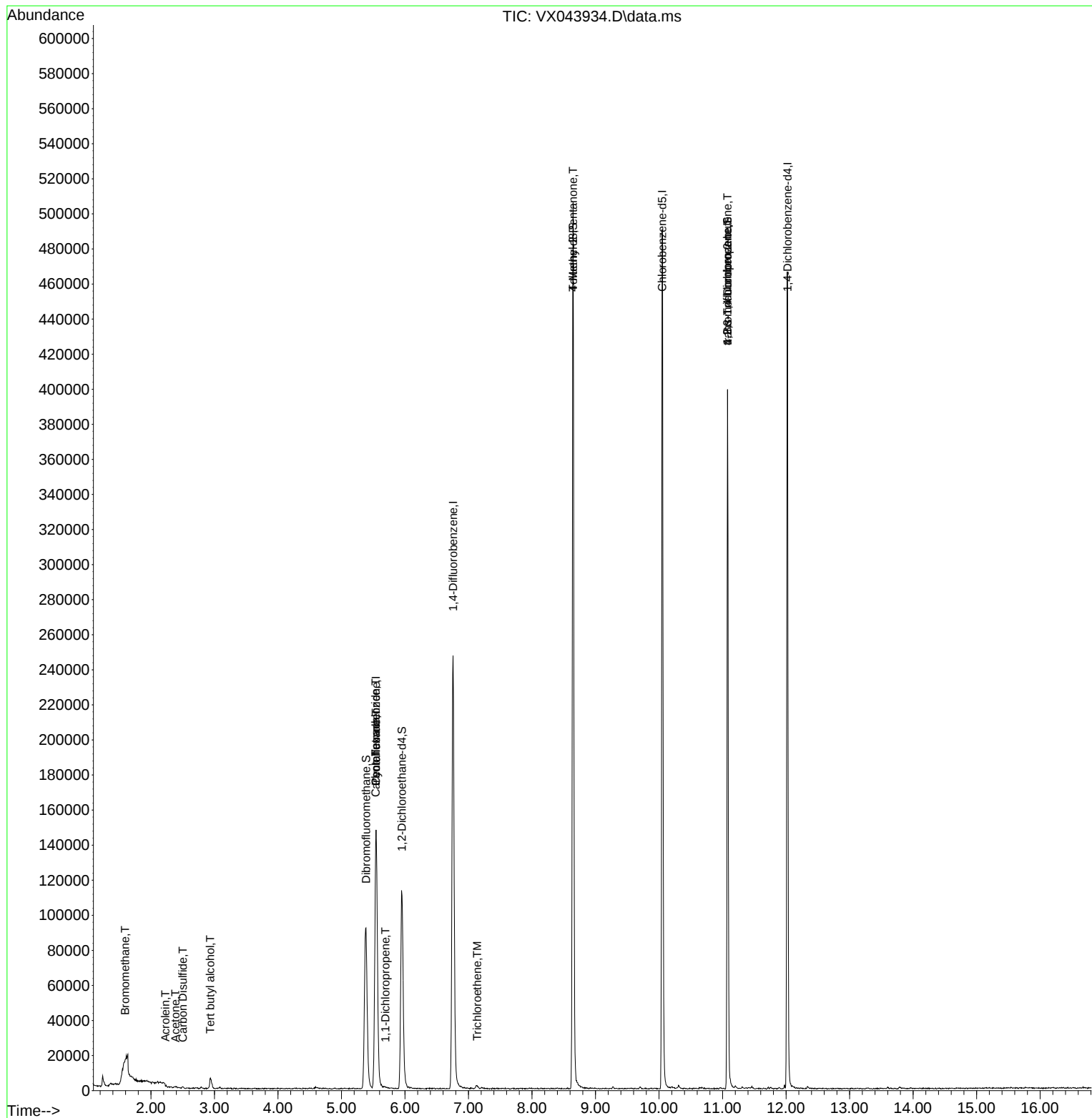
Internal Standards						
1) Pentafluorobenzene	5.544	168	130697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	216577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110985	49.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.020%
35) Dibromofluoromethane	5.385	113	81362	45.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	301761	49.450	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	101842	49.038	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	719	0.631	ug/l #	63
11) Tert butyl alcohol	2.934	59	3132	8.705	ug/l #	73
13) Acrolein	2.227	56	137	0.361	ug/l #	70
16) Acetone	2.386	43	603	0.586	ug/l #	46
17) Carbon Disulfide	2.502	76	983	0.316	ug/l #	84
31) Cyclohexane	5.544	56	3907	1.564	ug/l #	53
36) 1,1-Dichloropropene	5.690	75	442	0.200	ug/l #	41
38) Carbon Tetrachloride	5.538	117	14718	5.938	ug/l #	17
44) Trichloroethene	7.135	130	641	0.330	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1534	0.577	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.305	63	25	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.079	75	57910	28.665	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	57910	78.219	ug/l #	6

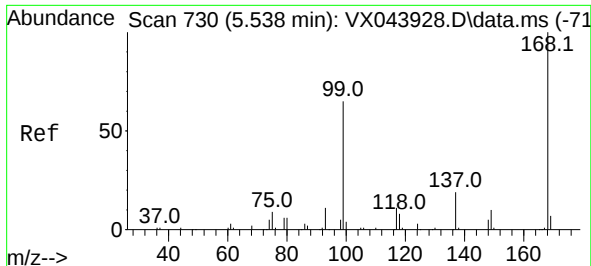
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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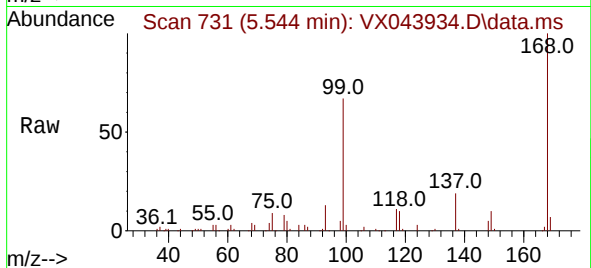
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



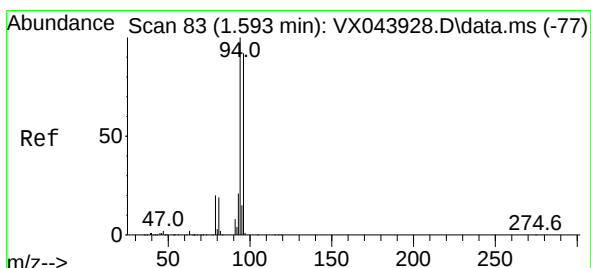
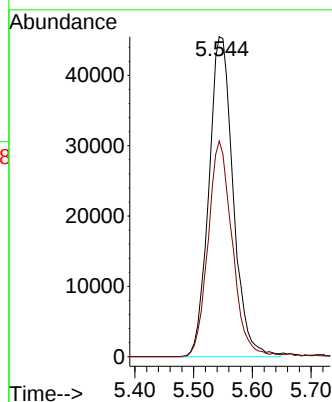
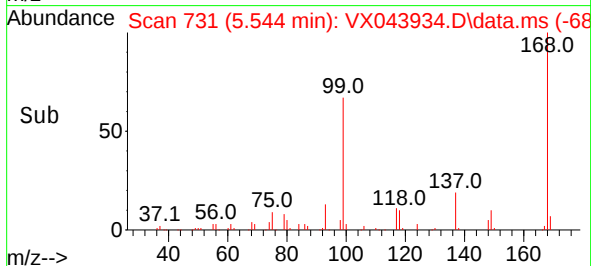


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

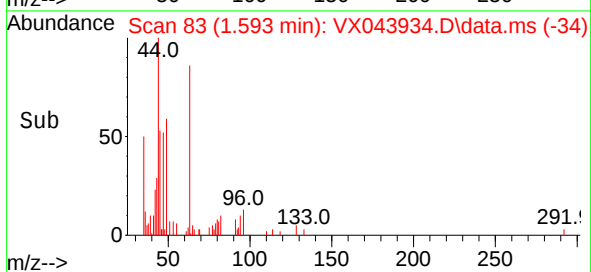
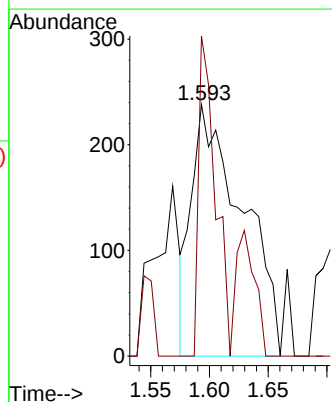
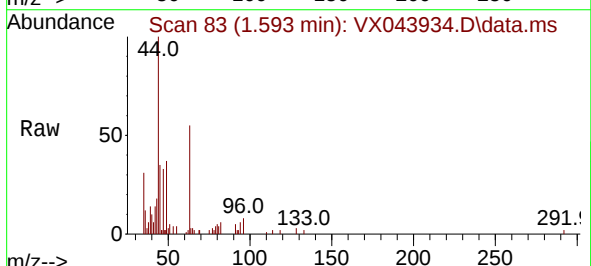


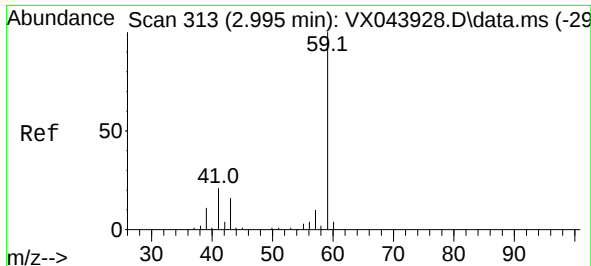
Tgt Ion:168 Resp: 130697
Ion Ratio Lower Upper
168 100
99 67.4 51.8 77.8



#5
Bromomethane
Concen: 0.631 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 127.3 73.9 110.9#

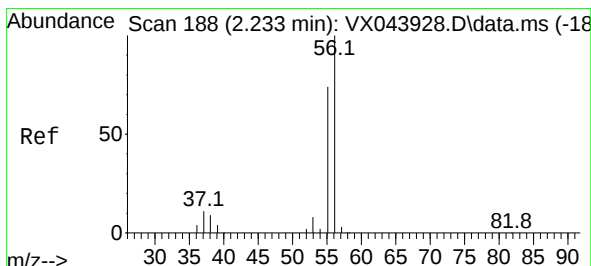
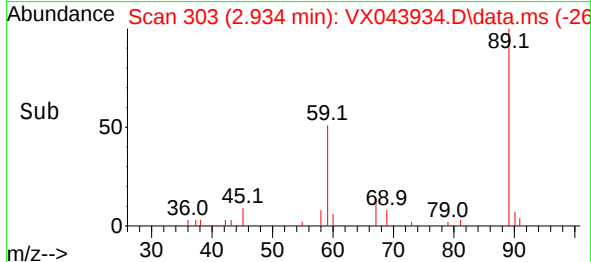
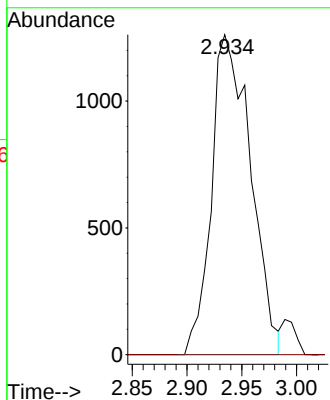
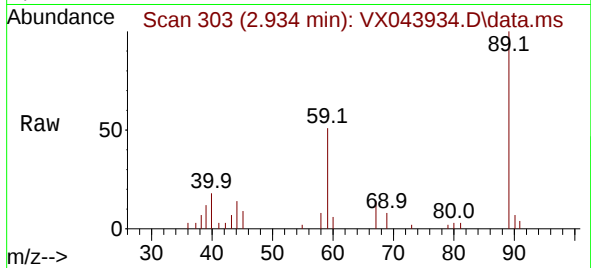




#11
Tert butyl alcohol
Concen: 8.705 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

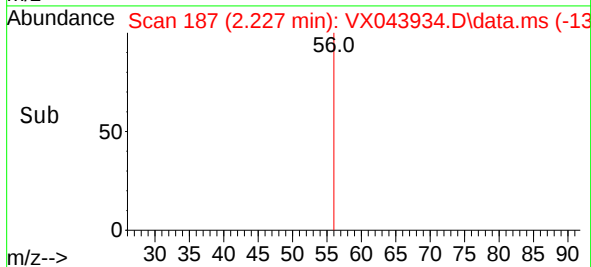
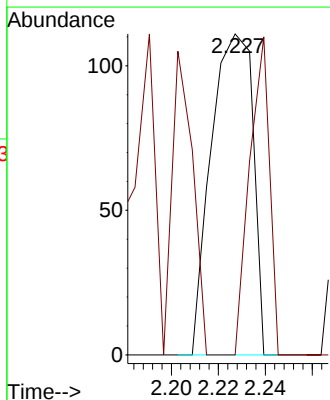
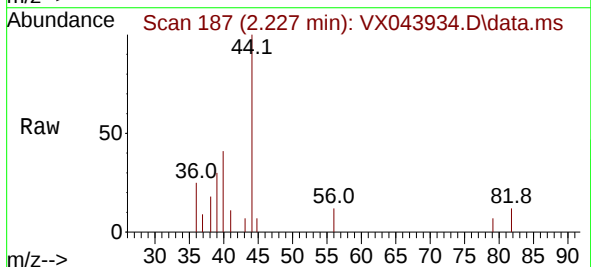
Instrument :
MSVOA_X
ClientSampleId :

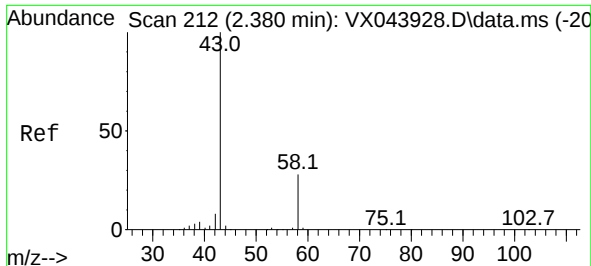
Tgt Ion: 59 Resp: 3132
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 0.361 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 47.4 58.2 87.2#

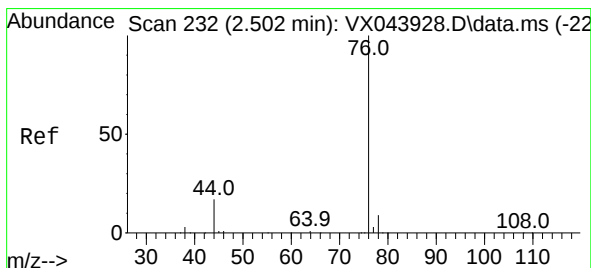
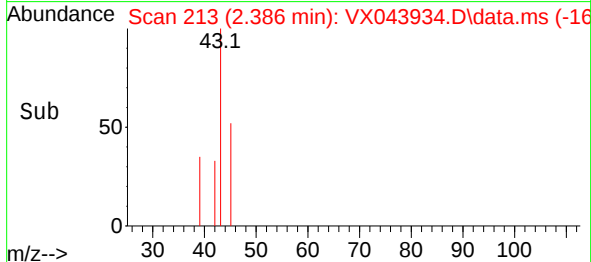
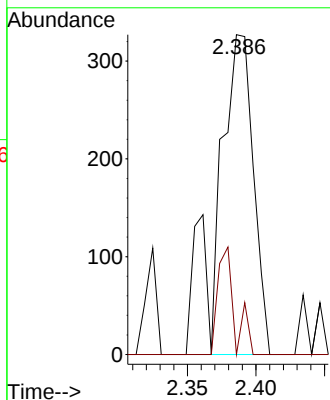
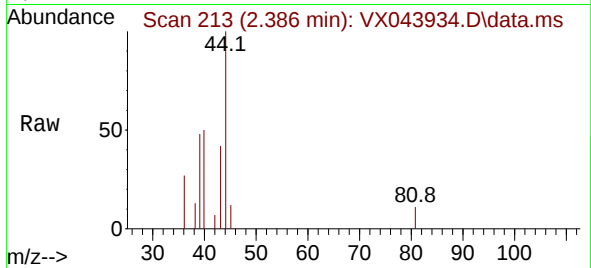




#16
Acetone
Concen: 0.586 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

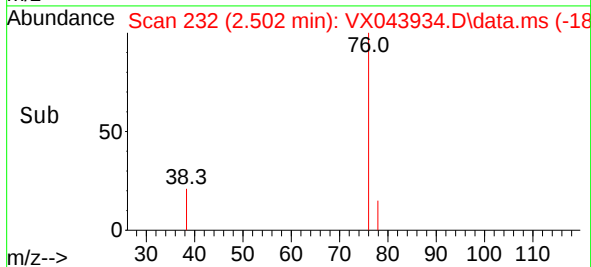
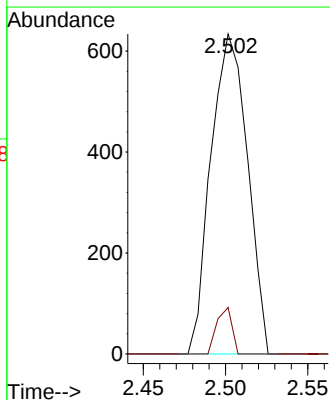
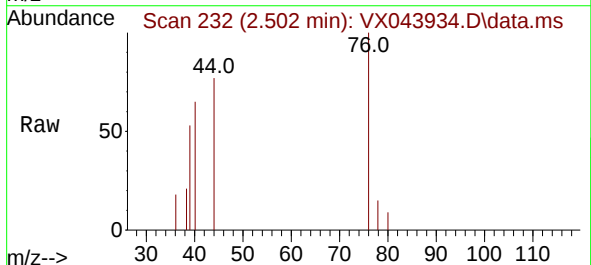
Instrument :
MSVOA_X
ClientSampleId :

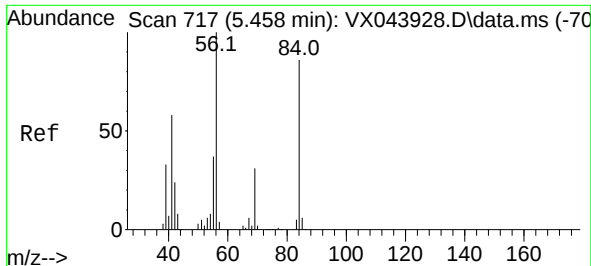
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#17
Carbon Disulfide
Concen: 0.316 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

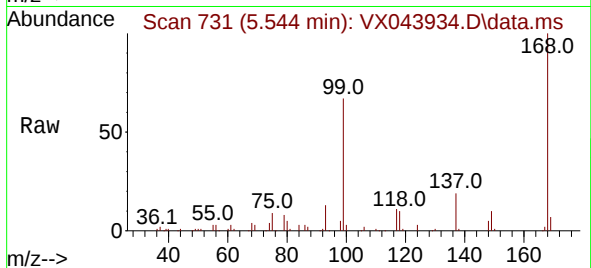
Tgt Ion: 76 Resp: 983
Ion Ratio Lower Upper
76 100
78 14.5 7.0 10.6#



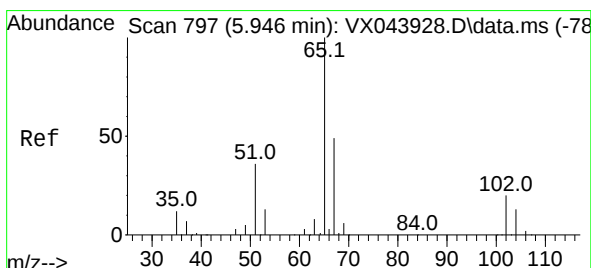
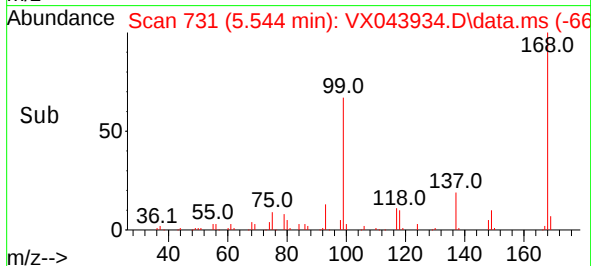
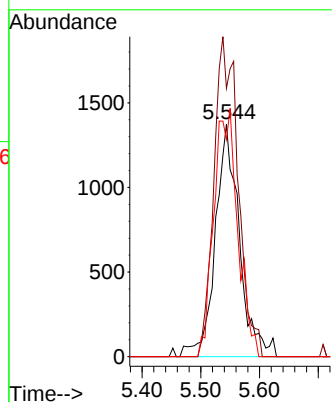


#31
Cyclohexane
Concen: 1.564 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

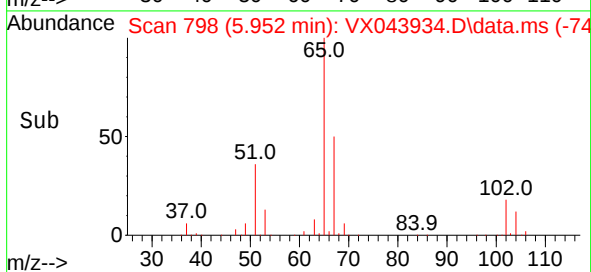
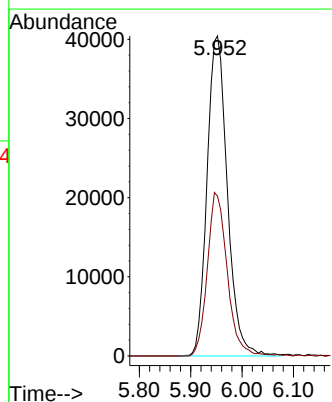
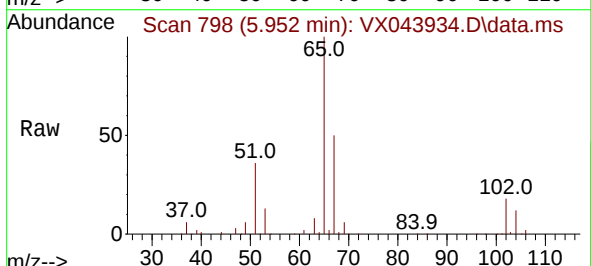


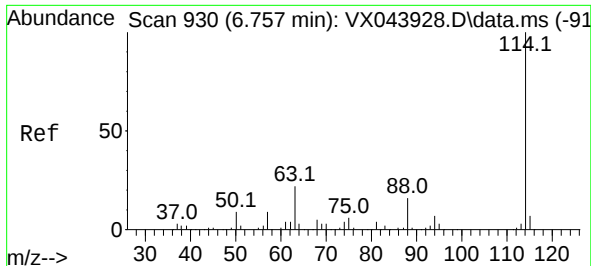
Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
69 115.4 24.7 37.1#
84 93.4 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 49.510 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Tgt Ion: 65 Resp: 110985
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# 91

Delta R.T. -0.000 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

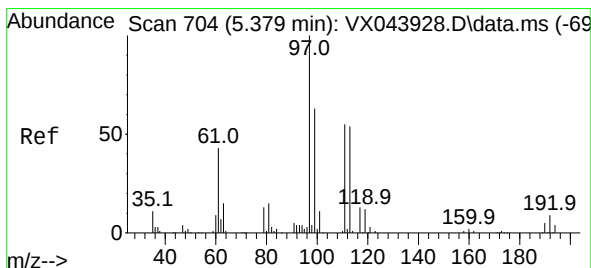
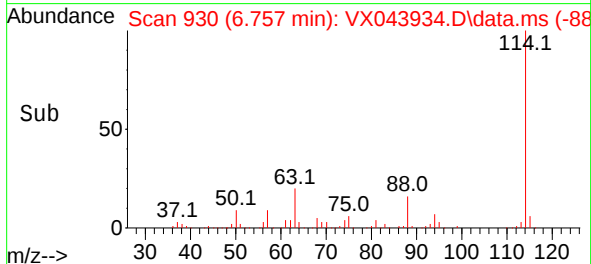
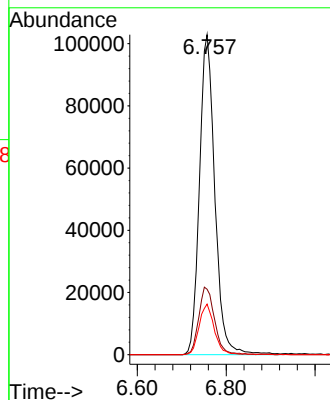
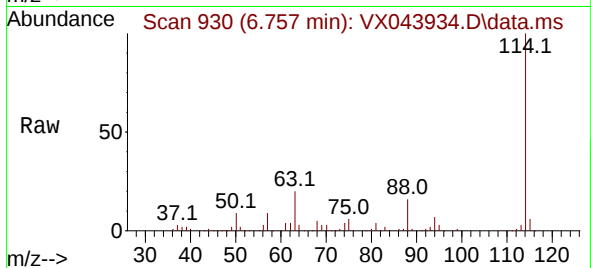
Tgt Ion:114 Resp: 247747

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

88 15.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 45.960 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

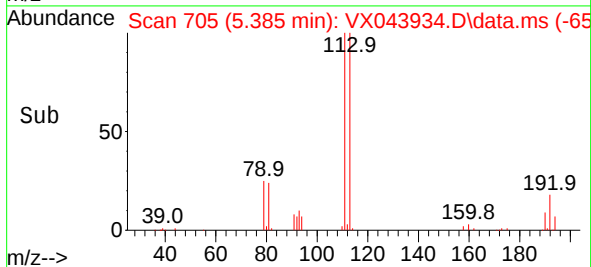
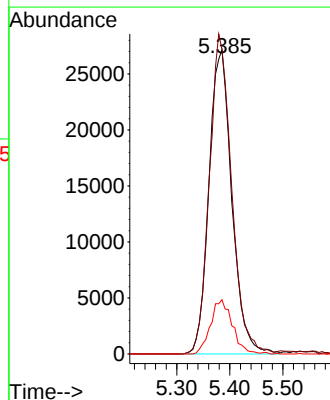
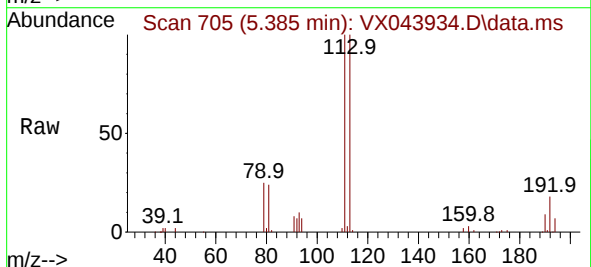
Tgt Ion:113 Resp: 81362

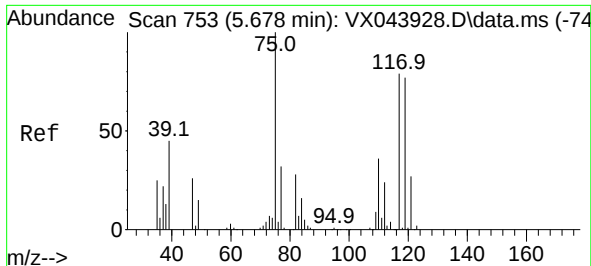
Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

192 16.9 13.0 19.6

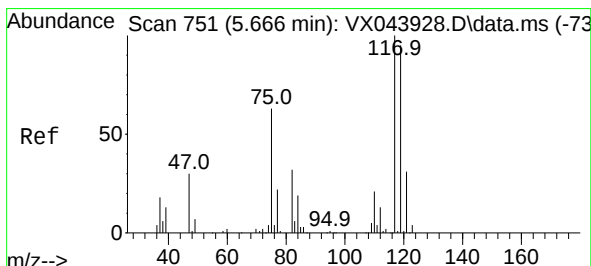
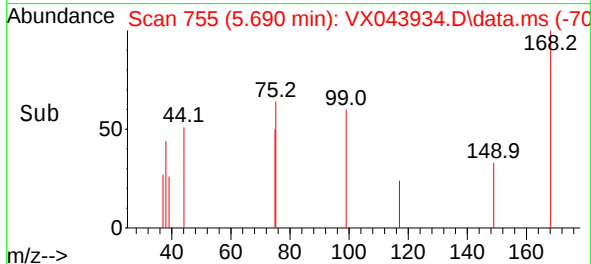
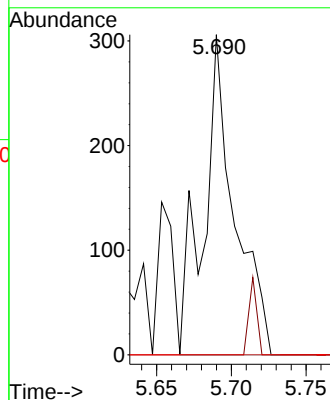
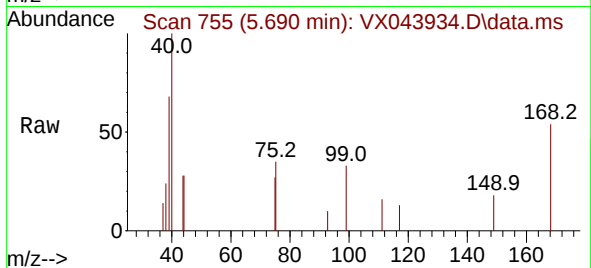




#36
1,1-Dichloropropene
Concen: 0.200 ug/l
RT: 5.690 min Scan# 753
Delta R.T. 0.012 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

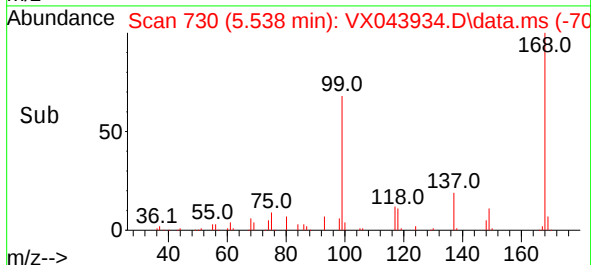
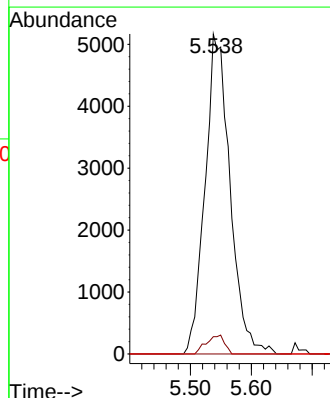
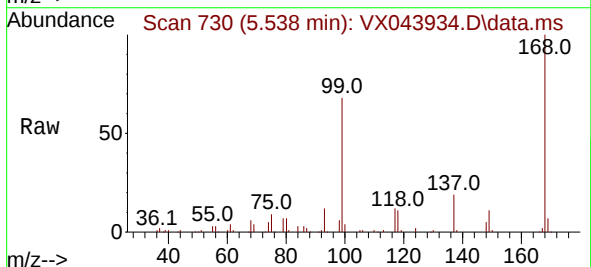
Instrument :
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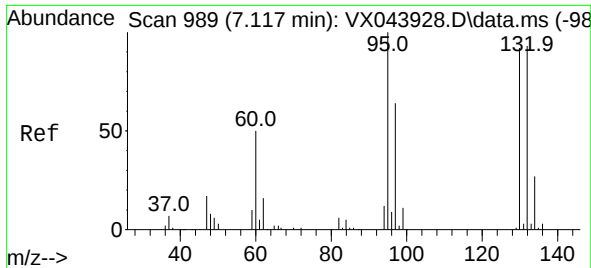
Tgt Ion: 75 Resp: 442
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Tgt Ion:117 Resp: 14718
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.5 36.7#

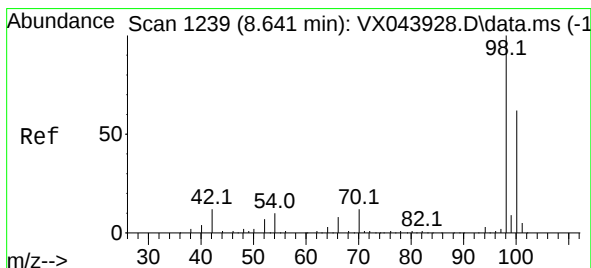
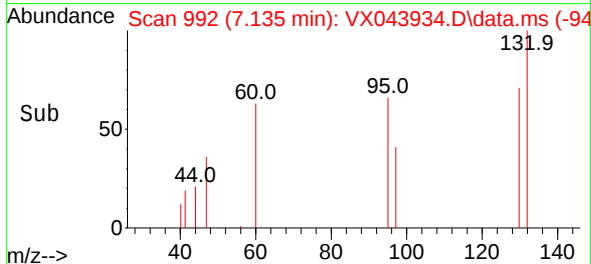
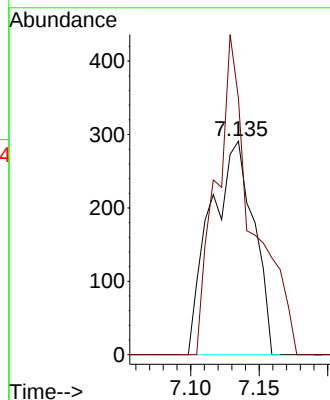
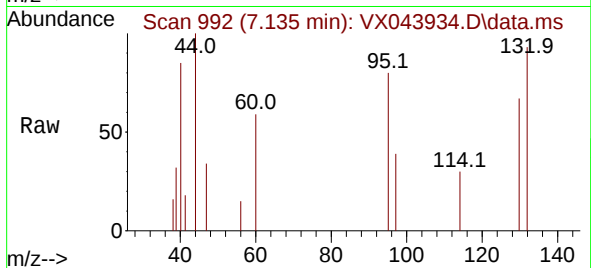




#44
Trichloroethene
Concen: 0.330 ug/l
RT: 7.135 min Scan# 94
Delta R.T. 0.018 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

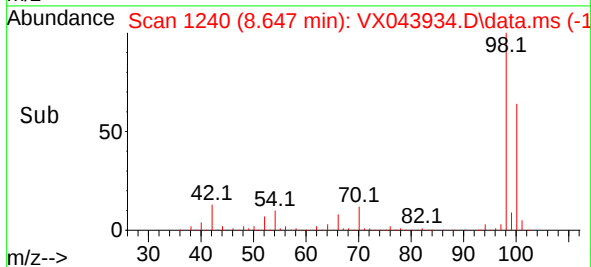
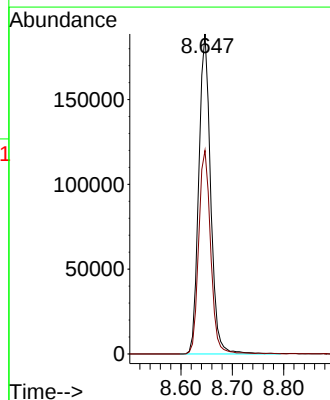
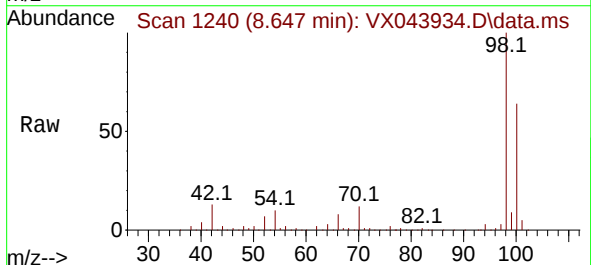
Instrument :
MSVOA_X
ClientSampleId :

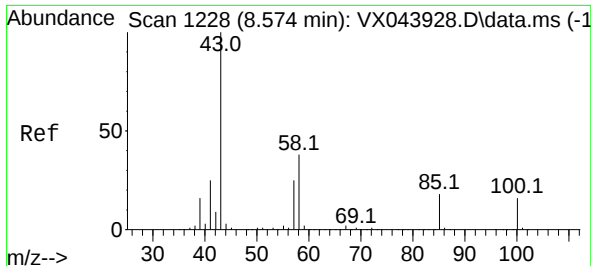
Tgt Ion:130 Resp: 641
Ion Ratio Lower Upper
130 100
95 119.9 0.0 217.8



#50
Toluene-d8
Concen: 49.450 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Tgt Ion: 98 Resp: 301761
Ion Ratio Lower Upper
98 100
100 64.0 52.6 79.0

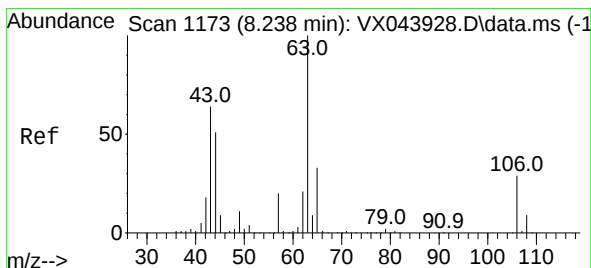
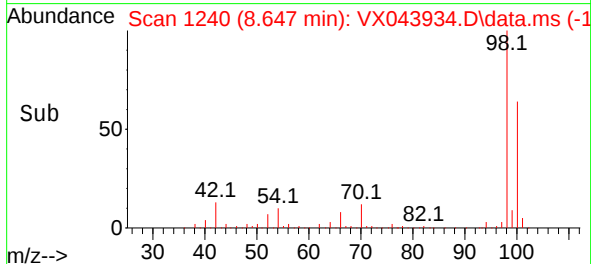
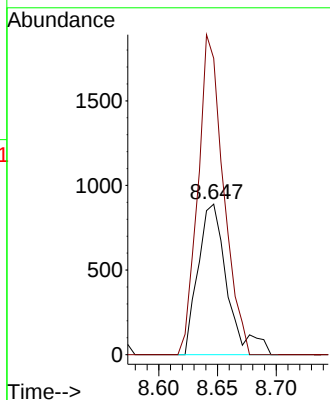
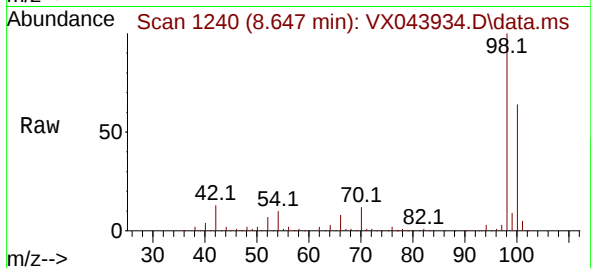




#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.647 min Scan# 1184
Delta R.T. 0.073 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

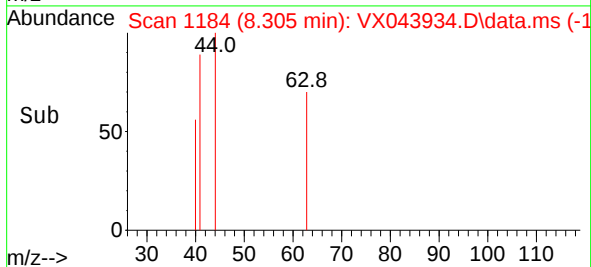
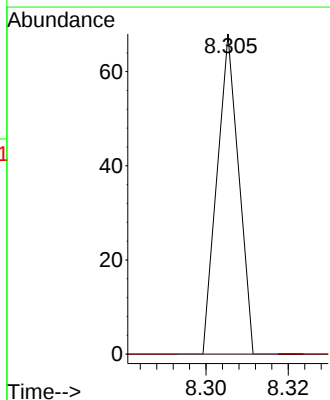
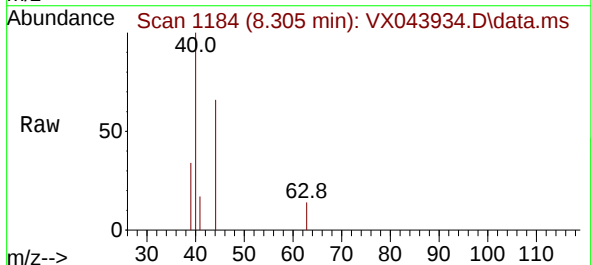
Instrument :
MSVOA_X
ClientSampleId :

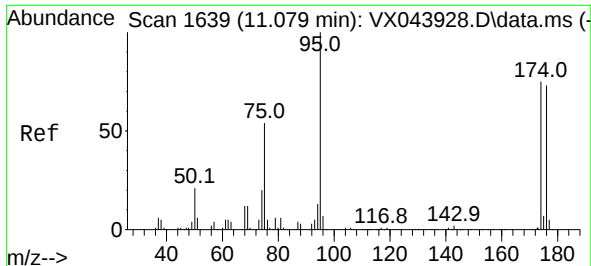
Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
58 186.3 30.0 45.0#



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.305 min Scan# 1184
Delta R.T. 0.067 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#





#62

4-Bromofluorobenzene

Concen: 49.038 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

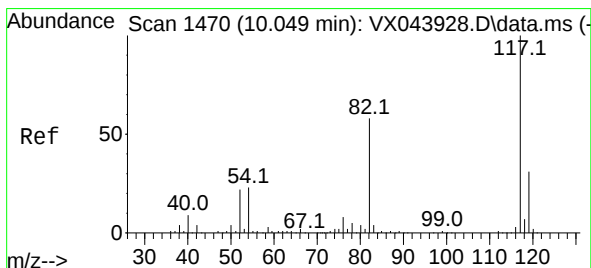
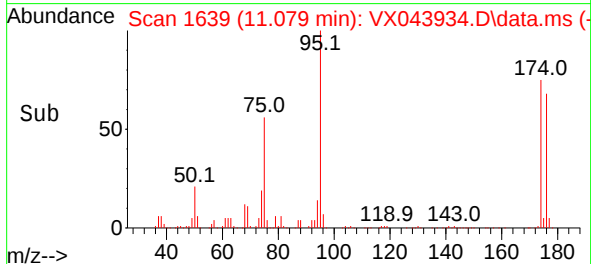
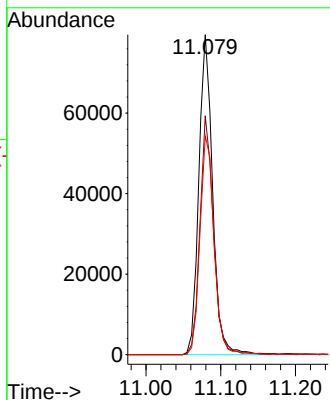
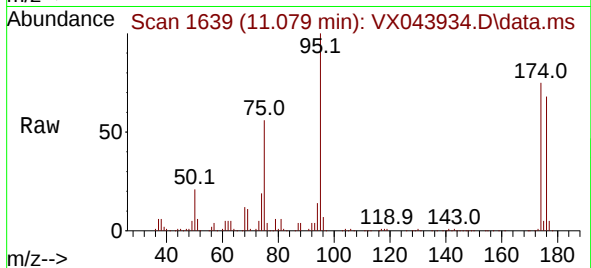
Tgt Ion: 95 Resp: 101842

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.4

176 70.2 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX043934.D

Acq: 21 Nov 2024 14:50

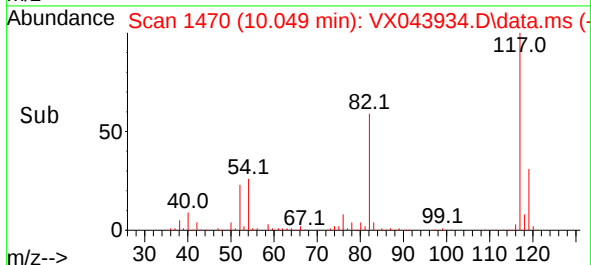
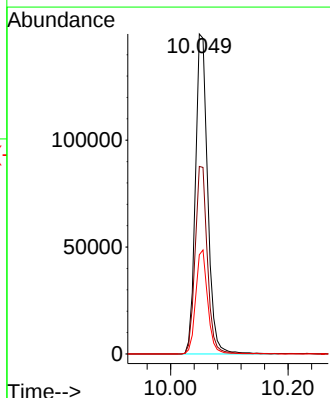
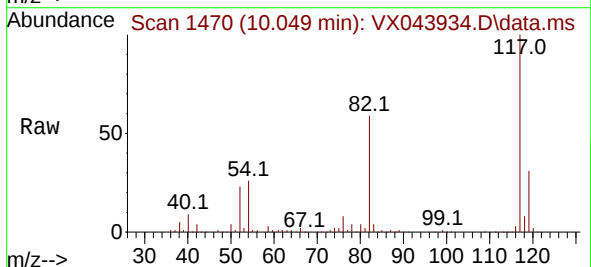
Tgt Ion: 117 Resp: 216577

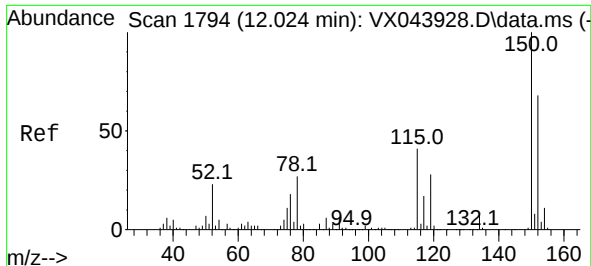
Ion Ratio Lower Upper

117 100

82 58.6 46.4 69.6

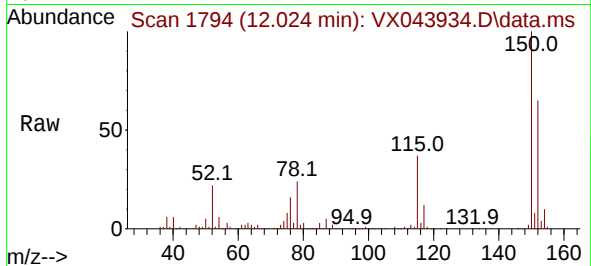
119 31.0 24.6 37.0



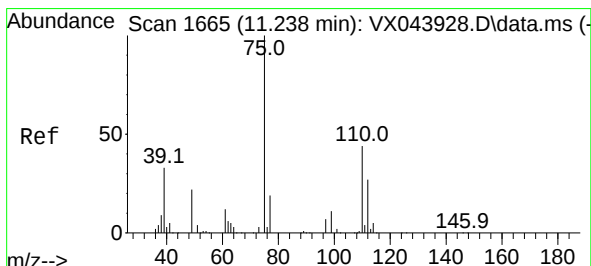
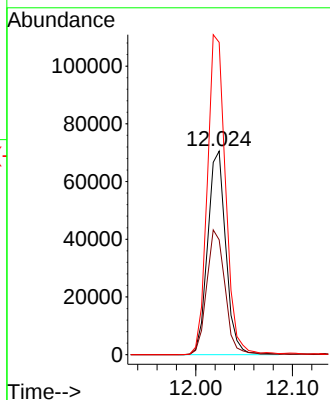
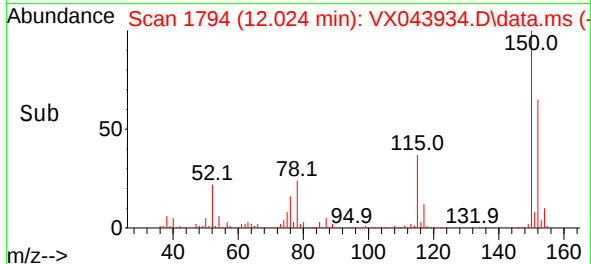


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

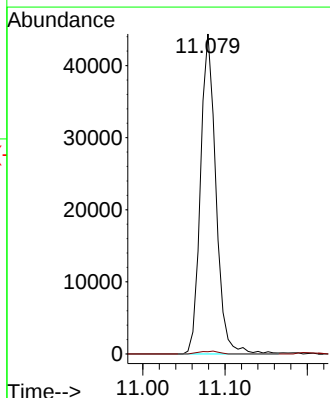
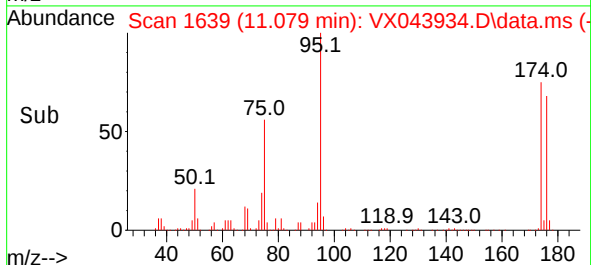
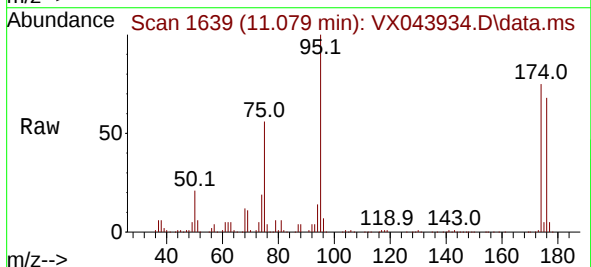


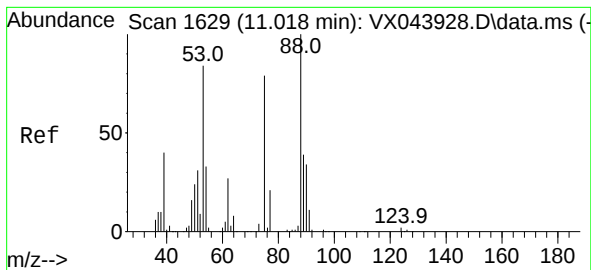
Tgt Ion:152 Resp: 92124
Ion Ratio Lower Upper
152 100
115 61.8 45.4 136.2
150 157.8 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 28.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043934.D
Acq: 21 Nov 2024 14:50

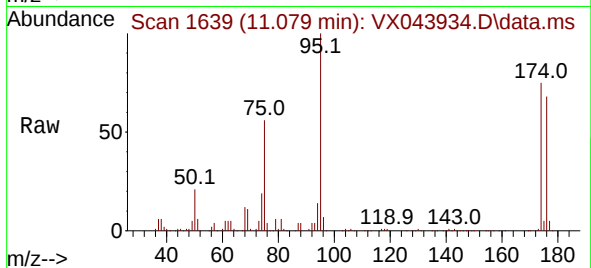
Tgt Ion: 75 Resp: 57910
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.219 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043934.D
 Acq: 21 Nov 2024 14:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57910
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

