

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044631.D
 Acq On : 08 Jan 2025 16:21
 Operator : JC/MD
 Sample : Q1032-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 00:32:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

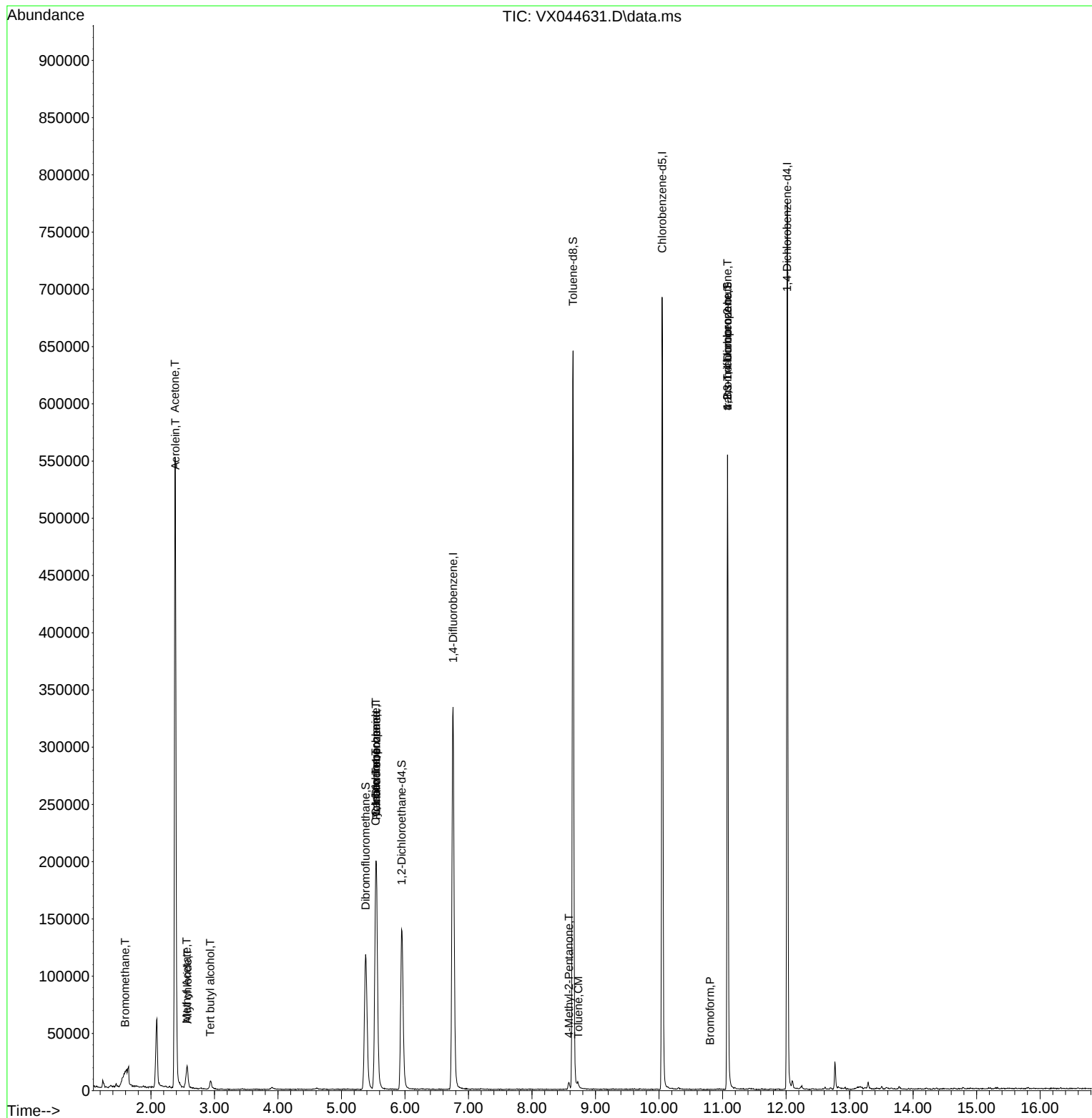
Internal Standards						
1) Pentafluorobenzene	5.550	168	181190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	335238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	298344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	144872	49.589	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.180%
35) Dibromofluoromethane	5.379	113	103946	45.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.440%
50) Toluene-d8	8.647	98	387466	49.345	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	160599	57.947	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	421	0.332	ug/l #	29
11) Tert butyl alcohol	2.934	59	4151	11.539	ug/l #	72
13) Acrolein	2.386	56	102	0.214	ug/l #	1
14) Allyl chloride	2.575	41	2678	0.794	ug/l #	54
16) Acetone	2.380	43	624403	678.118	ug/l	99
18) Methyl Acetate	2.563	43	7733	2.845	ug/l #	51
31) Cyclohexane	5.538	56	4897	1.477	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	16190	5.447	ug/l #	51
38) Carbon Tetrachloride	5.544	117	20955	6.354	ug/l #	19
51) 4-Methyl-2-Pentanone	8.580	43	4490	1.531	ug/l	98
52) Toluene	8.726	92	1717	0.304	ug/l	94
71) Bromoform	10.805	173	95	0.678	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	77159	23.728	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	77159	72.227	ug/l #	4

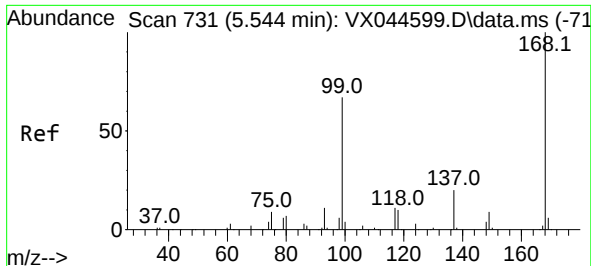
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044631.D
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Operator : JC/MD
Sample : Q1032-01 100X
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

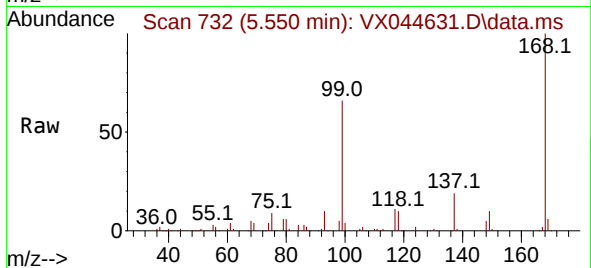
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration



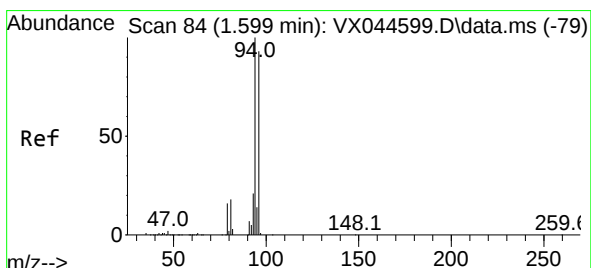
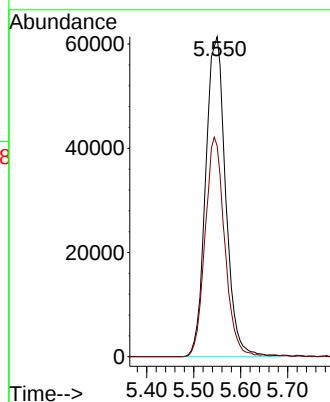
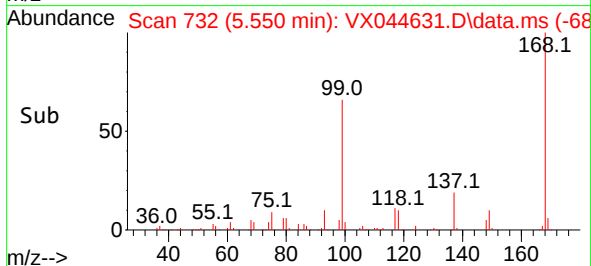


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :

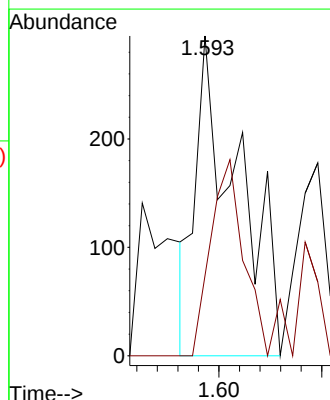
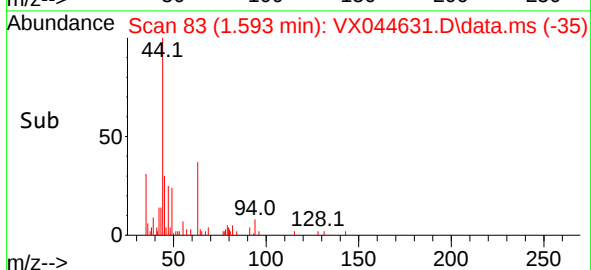
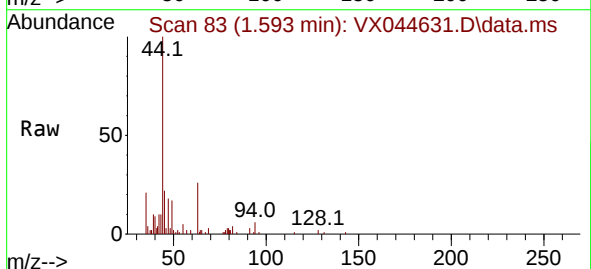


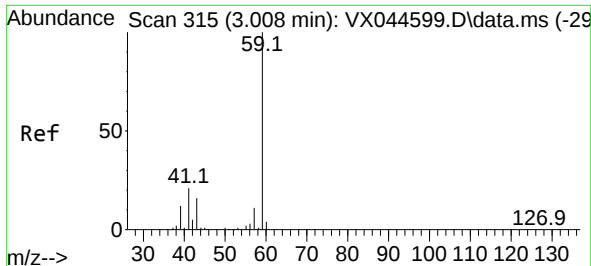
Tgt Ion:168 Resp: 181190
Ion Ratio Lower Upper
168 100
99 65.8 53.5 80.3



#5
Bromomethane
Concen: 0.332 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 25.1 74.6 112.0#





#11

Tert butyl alcohol

Concen: 11.539 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

Instrument :

MSVOA_X

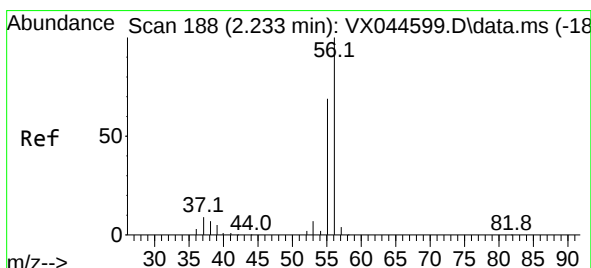
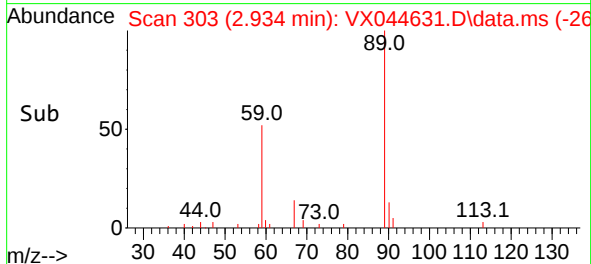
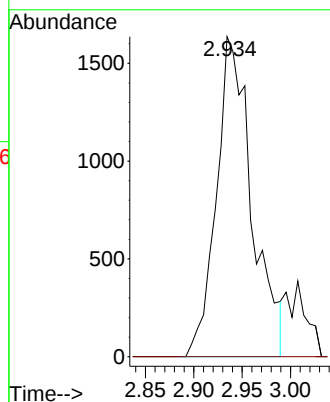
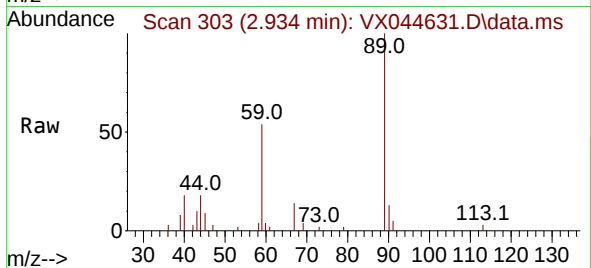
ClientSampleId :

Tgt Ion: 59 Resp: 4151

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.214 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.152 min

Lab File: VX044631.D

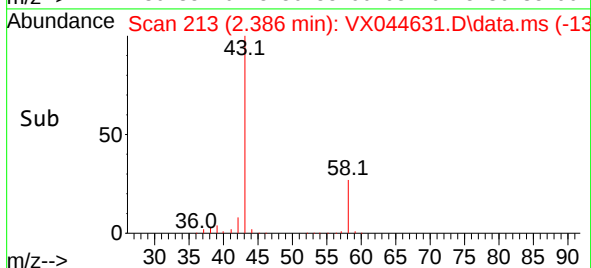
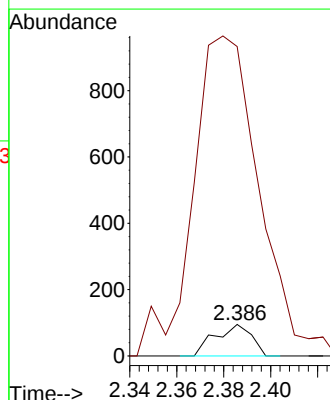
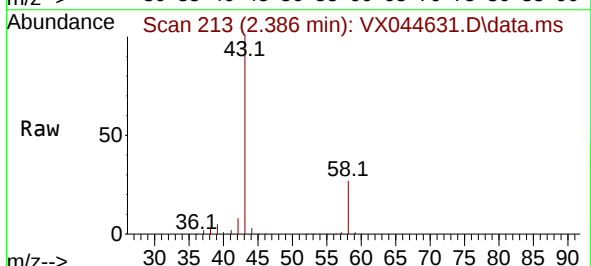
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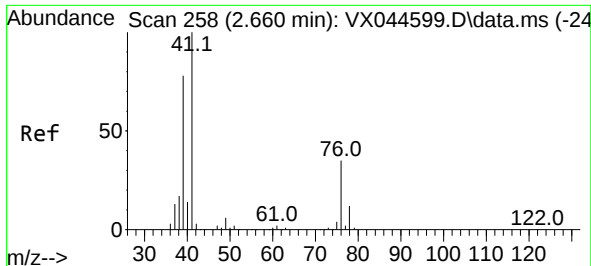
Tgt Ion: 56 Resp: 102

Ion Ratio Lower Upper

56 100

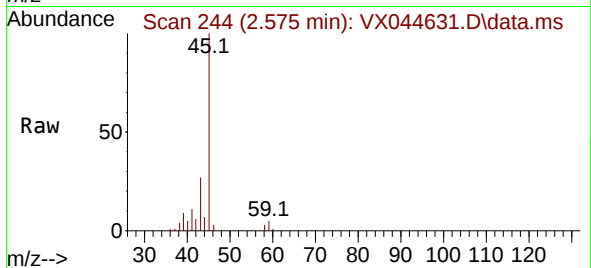
55 1852.9 55.8 83.8#



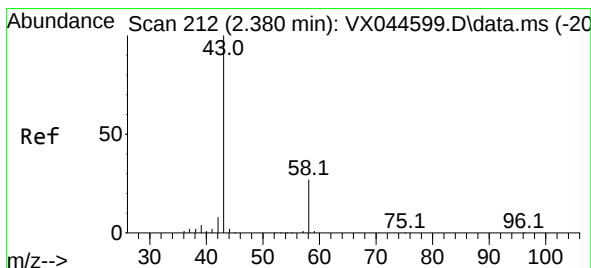
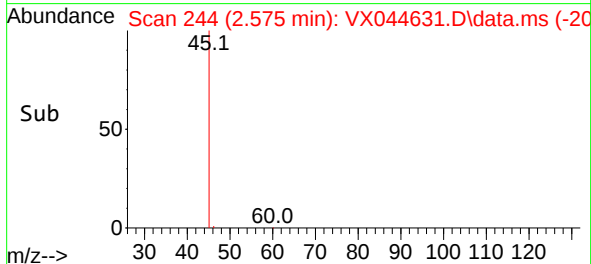
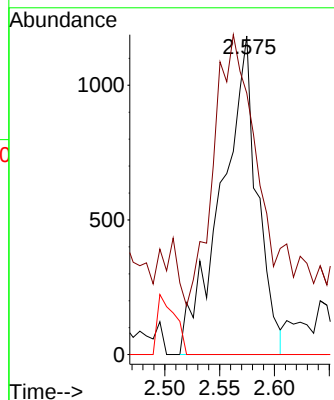


#14
 Allyl chloride
 Concen: 0.794 ug/l
 RT: 2.575 min Scan# 244
 Delta R.T. -0.085 min
 Lab File: VX044631.D
 Acq: 08 Jan 2025 16:21

Instrument :
 MSVOA_X
 ClientSampleId :

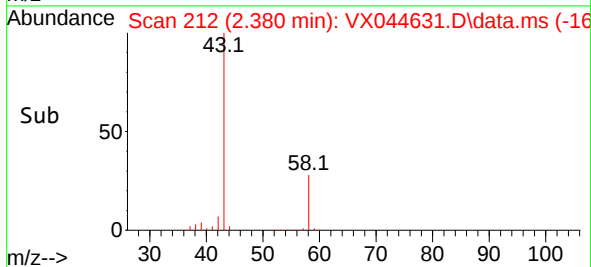
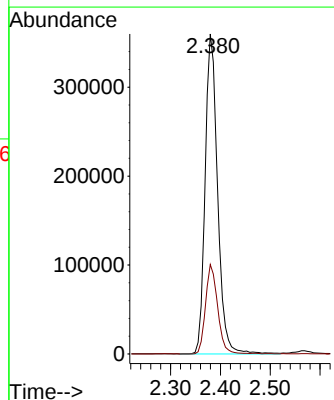
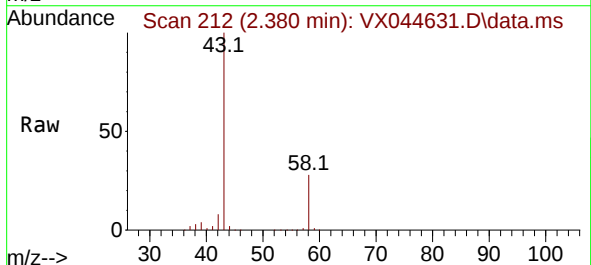


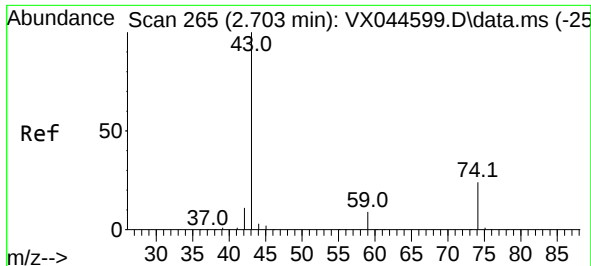
Tgt Ion: 41 Resp: 2678
 Ion Ratio Lower Upper
 41 100
 39 109.9 60.2 90.2#
 76 0.0 25.9 38.9#



#16
 Acetone
 Concen: 678.118 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX044631.D
 Acq: 08 Jan 2025 16:21

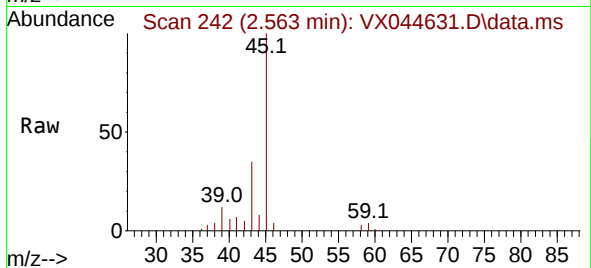
Tgt Ion: 43 Resp: 624403
 Ion Ratio Lower Upper
 43 100
 58 27.9 22.0 33.0



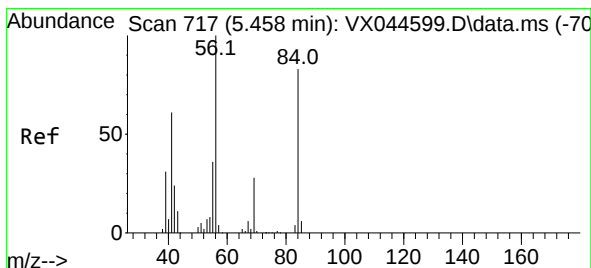
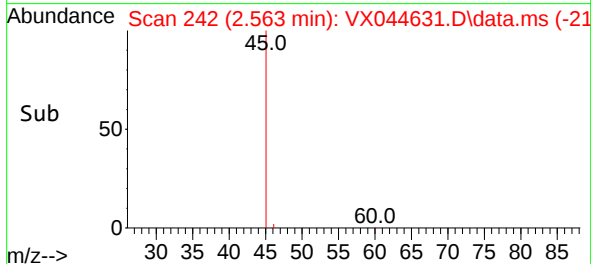
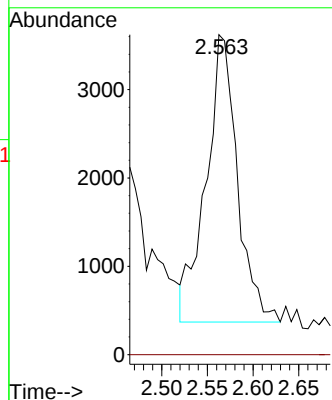


#18
Methyl Acetate
Concen: 2.845 ug/l
RT: 2.563 min Scan# 24
Delta R.T. -0.140 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :

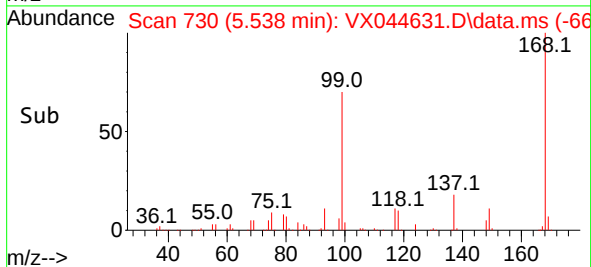
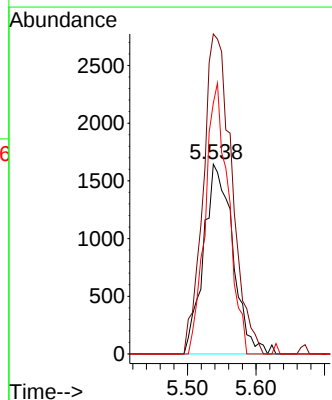
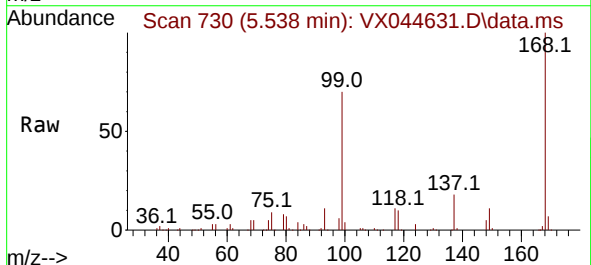


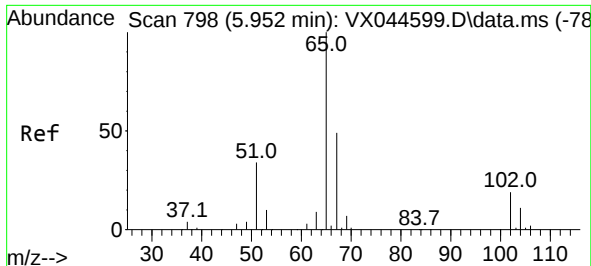
Tgt Ion: 43 Resp: 7733
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

Tgt Ion: 56 Resp: 4897
Ion Ratio Lower Upper
56 100
69 168.7 22.2 33.4#
84 136.1 66.6 100.0#





#33

1,2-Dichloroethane-d4

Concen: 49.589 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

Instrument :

MSVOA_X

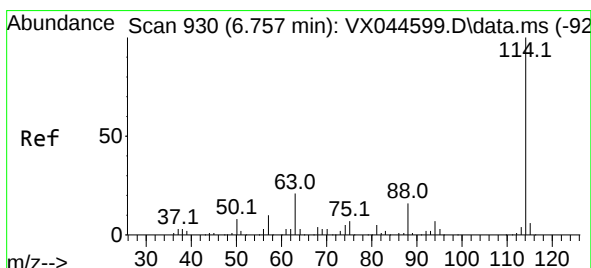
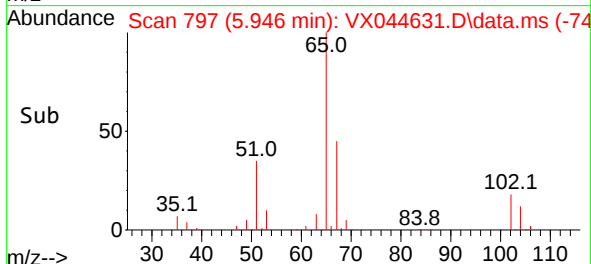
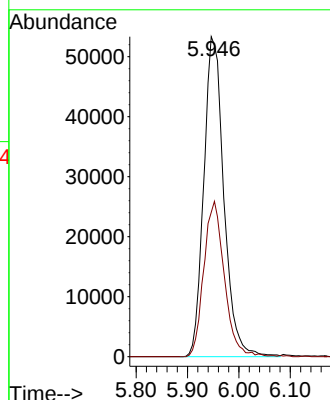
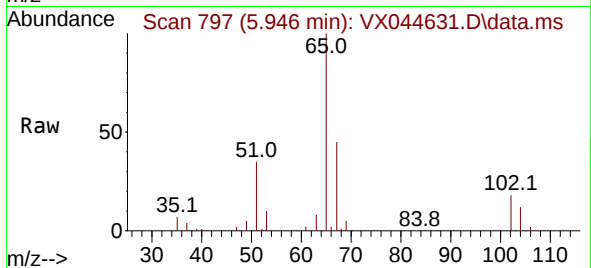
ClientSampleId :

Tgt Ion: 65 Resp: 144872

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

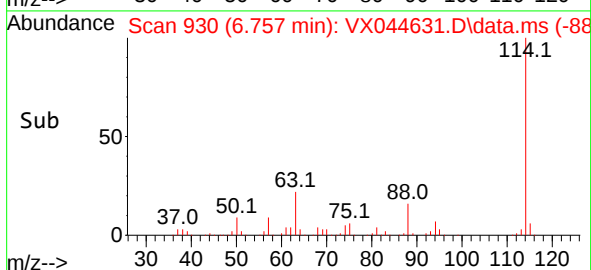
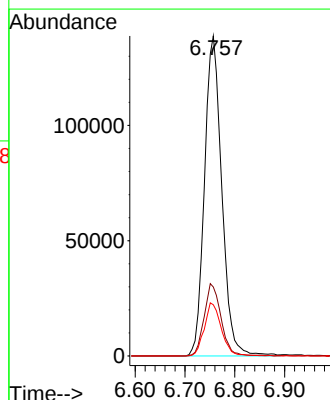
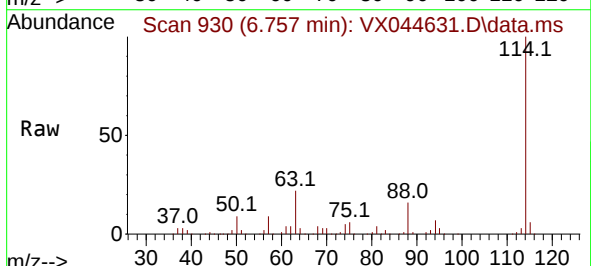
Tgt Ion: 114 Resp: 335238

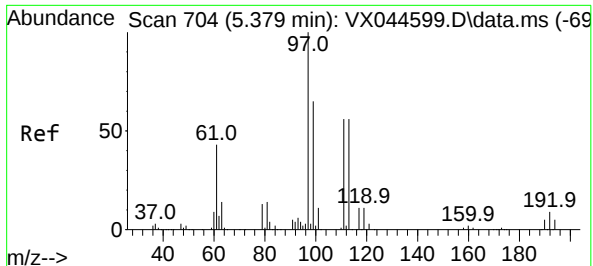
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

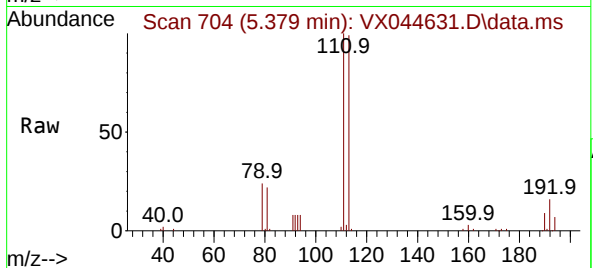
88 16.0 0.0 32.6



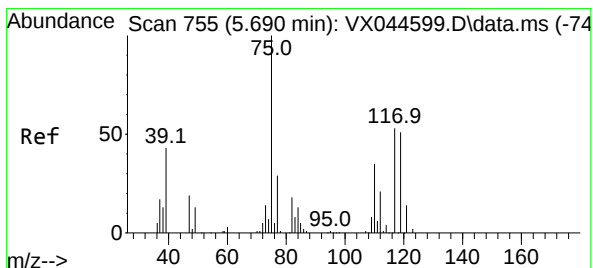
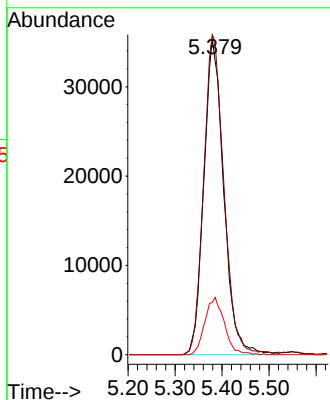
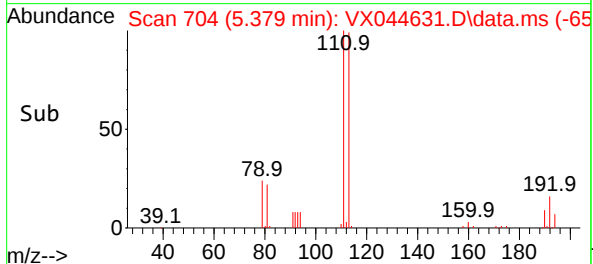


#35
Dibromofluoromethane
Concen: 45.218 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

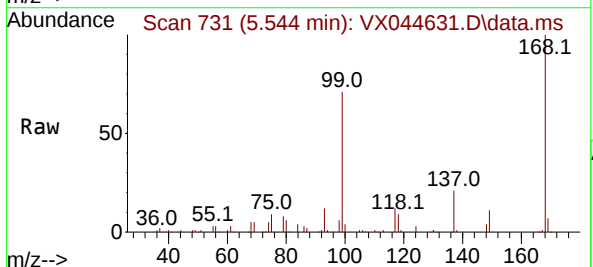
Instrument :
MSVOA_X
ClientSampleId :



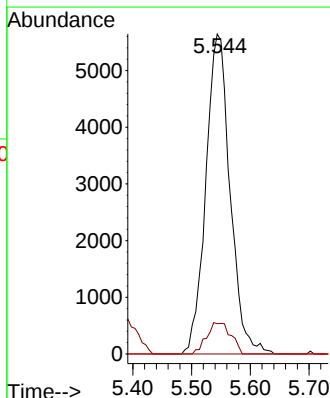
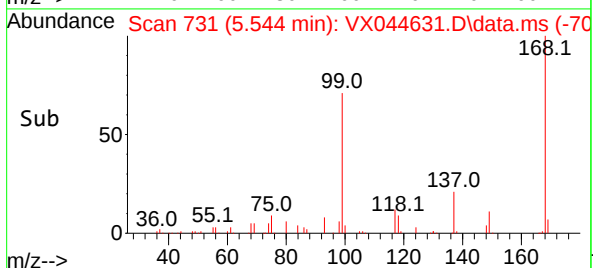
Tgt Ion:113 Resp: 103946
Ion Ratio Lower Upper
113 100
111 102.6 83.3 124.9
192 17.8 14.3 21.5

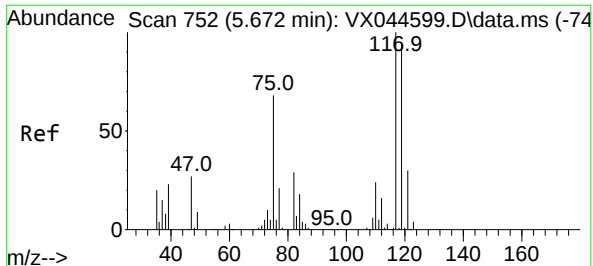


#36
1,1-Dichloropropene
Concen: 5.447 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21



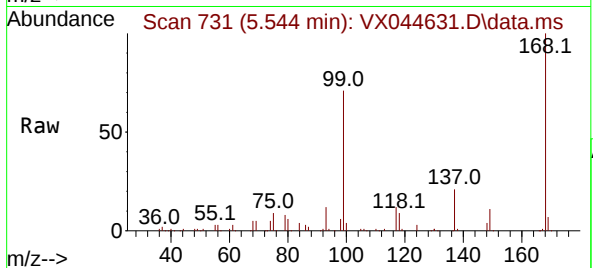
Tgt Ion: 75 Resp: 16190
Ion Ratio Lower Upper
75 100
110 9.8 17.3 51.9#
77 0.0 24.7 37.1#



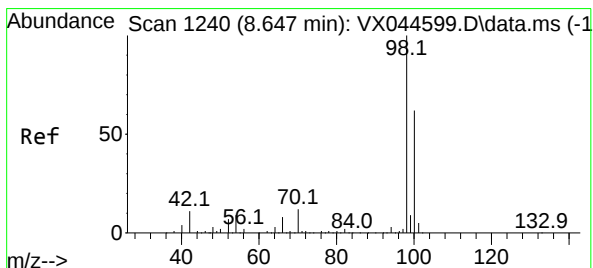
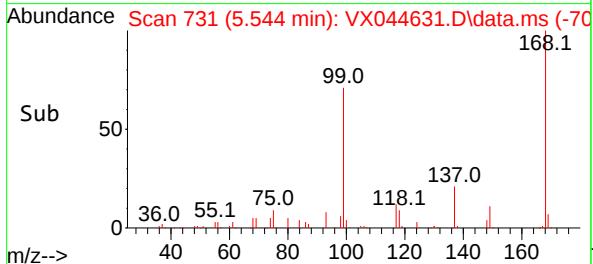
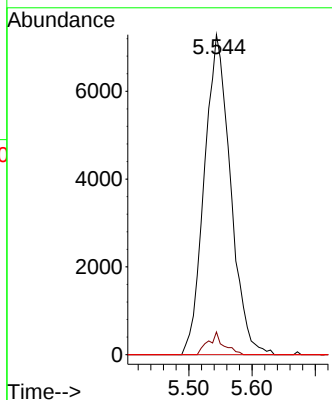


#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

Instrument :
MSVOA_X
ClientSampleId :

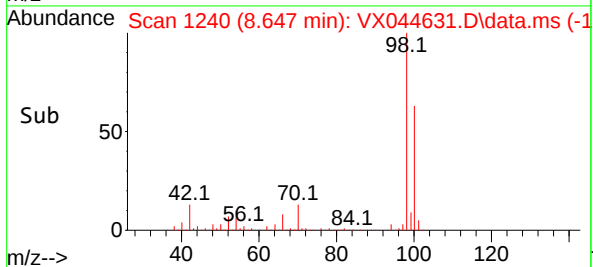
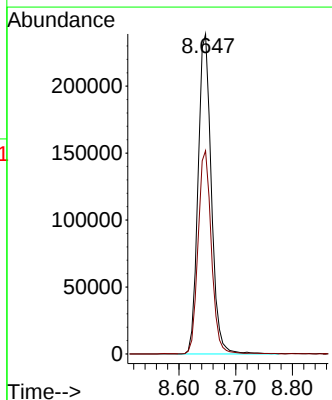
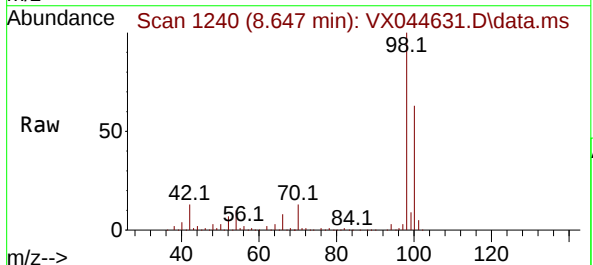


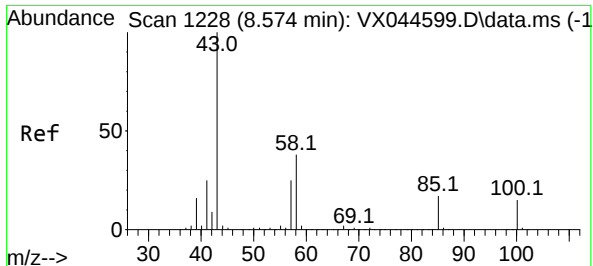
Tgt Ion:117 Resp: 20955
Ion Ratio Lower Upper
117 100
119 7.1 74.5 111.7#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.345 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

Tgt Ion: 98 Resp: 387466
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7

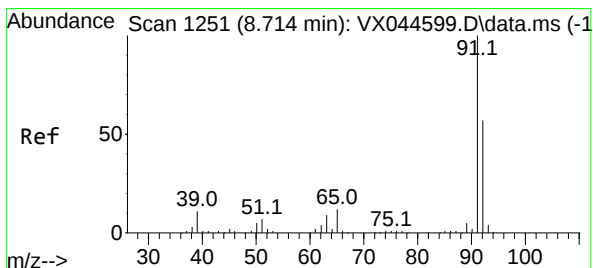
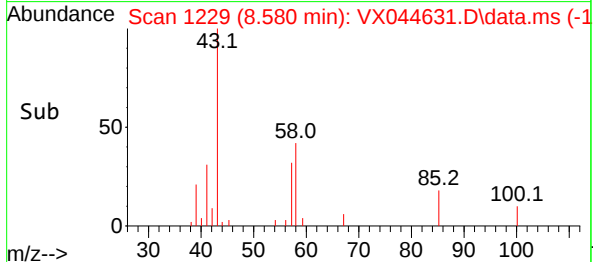
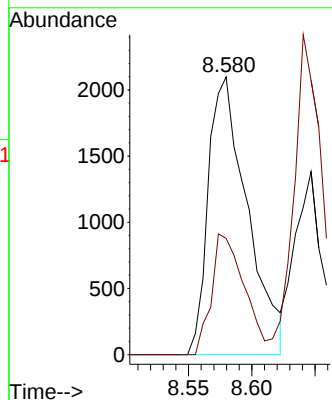
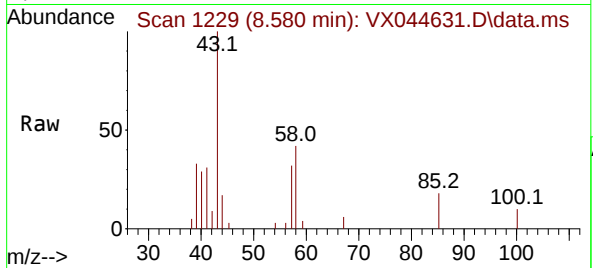




#51
4-Methyl-2-Pentanone
Concen: 1.531 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

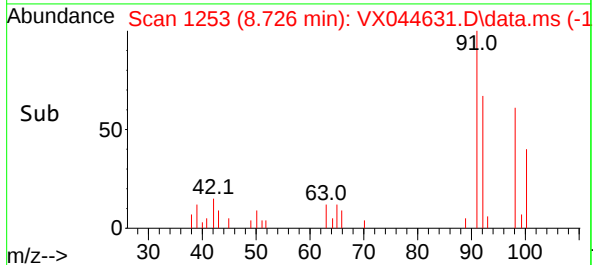
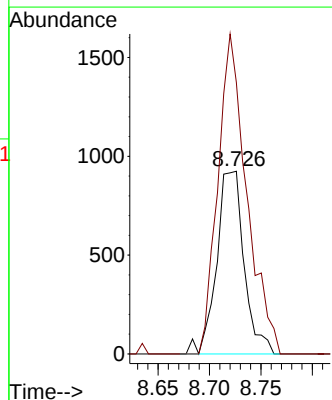
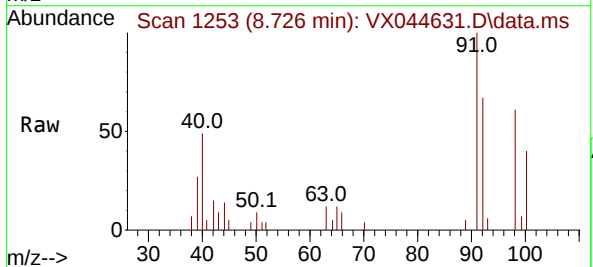
Instrument :
MSVOA_X
ClientSampleId :

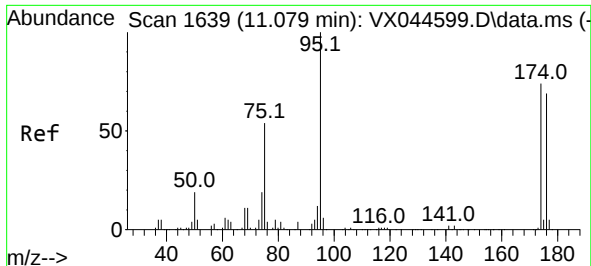
Tgt Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
58 36.4 30.0 45.0



#52
Toluene
Concen: 0.304 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX044631.D
Acq: 08 Jan 2025 16:21

Tgt Ion: 92 Resp: 1717
Ion Ratio Lower Upper
92 100
91 183.6 140.6 210.8





#62

4-Bromofluorobenzene

Concen: 57.947 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

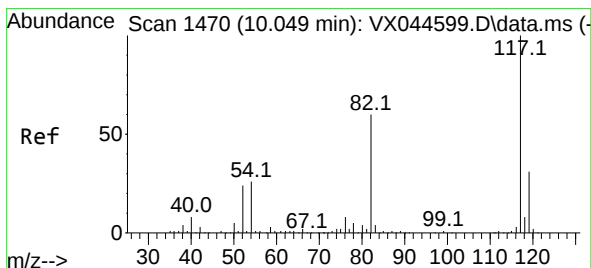
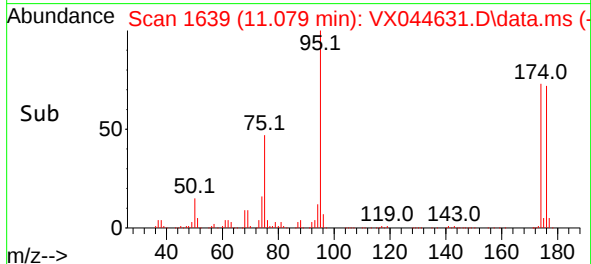
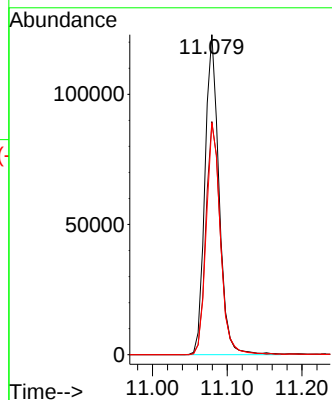
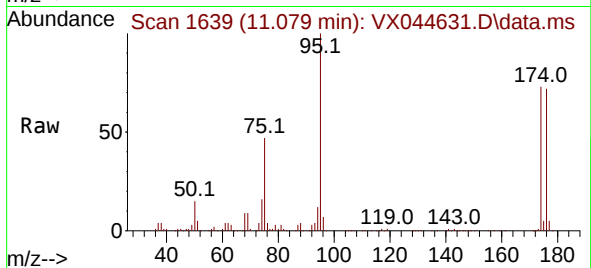
Tgt Ion: 95 Resp: 160599

Ion Ratio Lower Upper

95 100

174 74.9 0.0 148.8

176 72.9 0.0 139.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

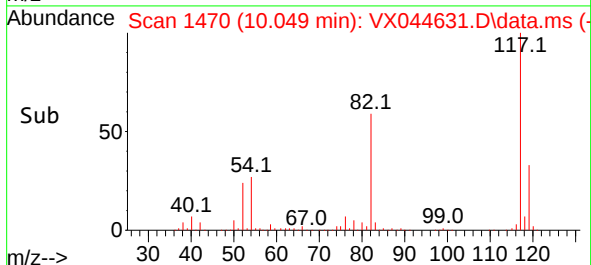
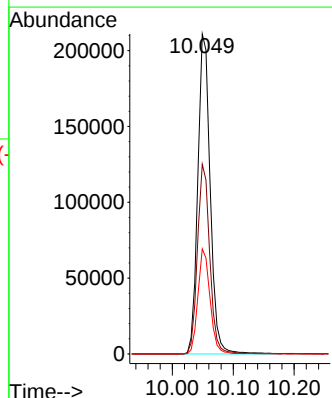
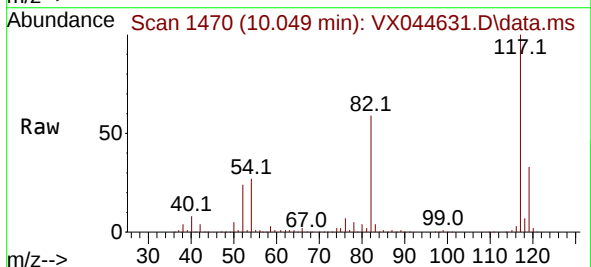
Tgt Ion: 117 Resp: 298344

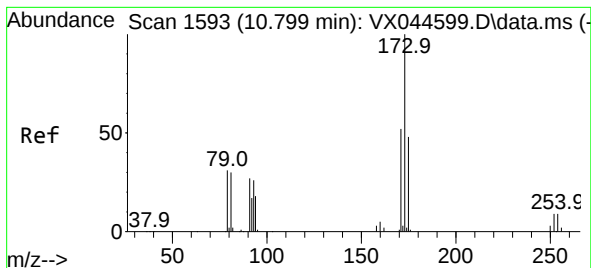
Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.6

119 32.9 25.0 37.6





#71

Bromoform

Concen: 0.678 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

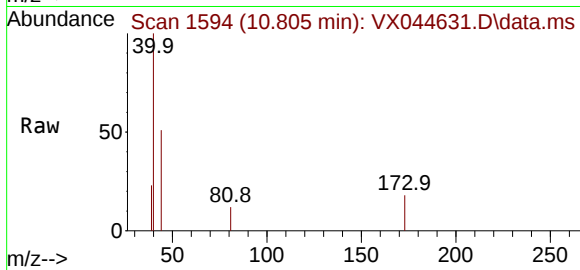
Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

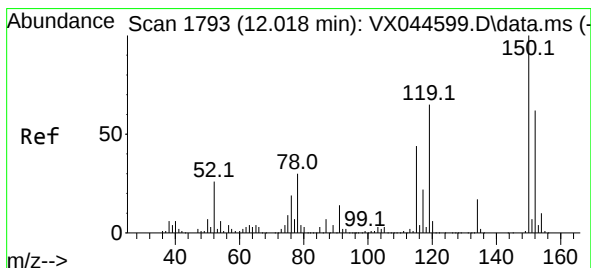
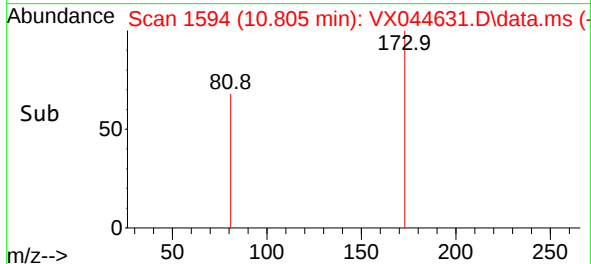
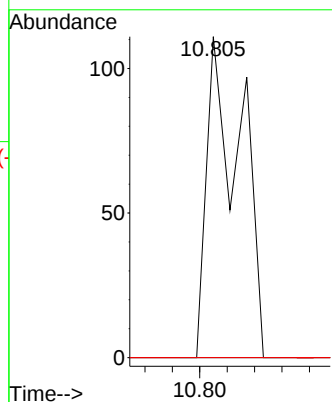
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:173	Resp:	95
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6 73.8#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

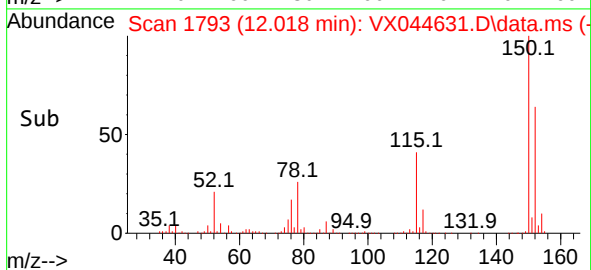
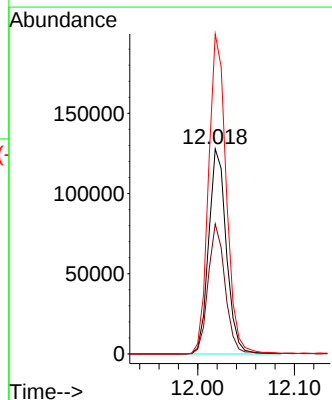
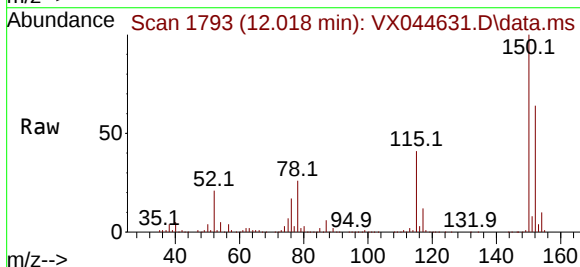
RT: 12.018 min Scan# 1793

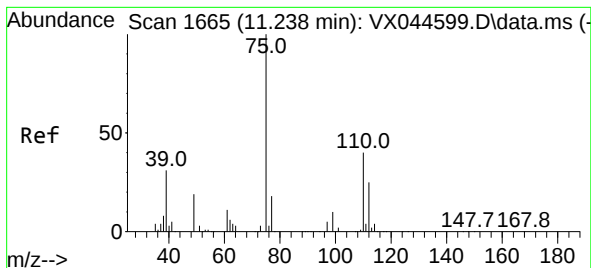
Delta R.T. -0.000 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

Tgt Ion:152	Resp:	162219
Ion Ratio	Lower	Upper
152	100	
115	61.2	44.4 133.1
150	156.5	0.0 355.0





#76

1,2,3-Trichloropropane

Concen: 23.728 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

Instrument :

MSVOA_X

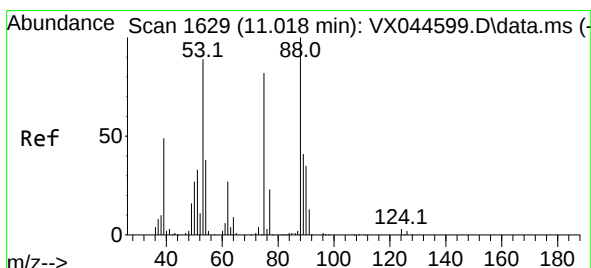
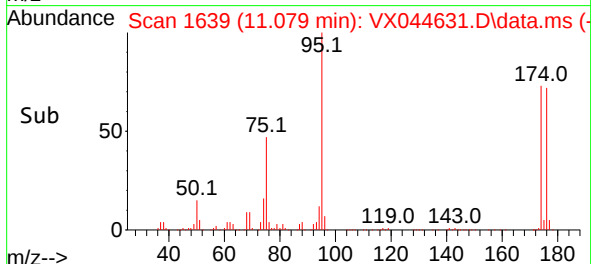
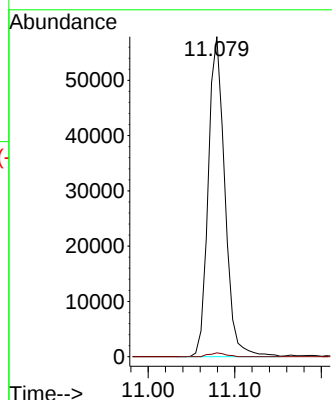
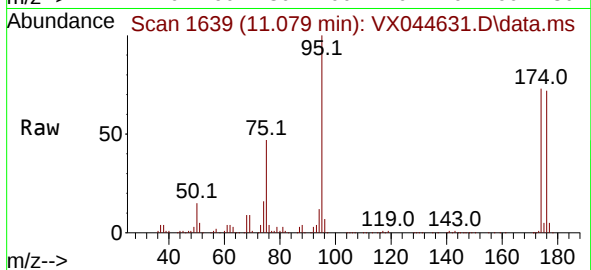
ClientSampleId :

Tgt Ion: 75 Resp: 77159

Ion Ratio Lower Upper

75 100

77 1.2 21.1 63.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.227 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044631.D

Acq: 08 Jan 2025 16:21

Tgt Ion: 75 Resp: 77159

Ion Ratio Lower Upper

75 100

53 0.0 92.7 139.1#

89 0.0 38.3 57.5#

