

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044624.D
 Acq On : 08 Jan 2025 13:42
 Operator : JC/MD
 Sample : Q1006-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 00:28:29 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)

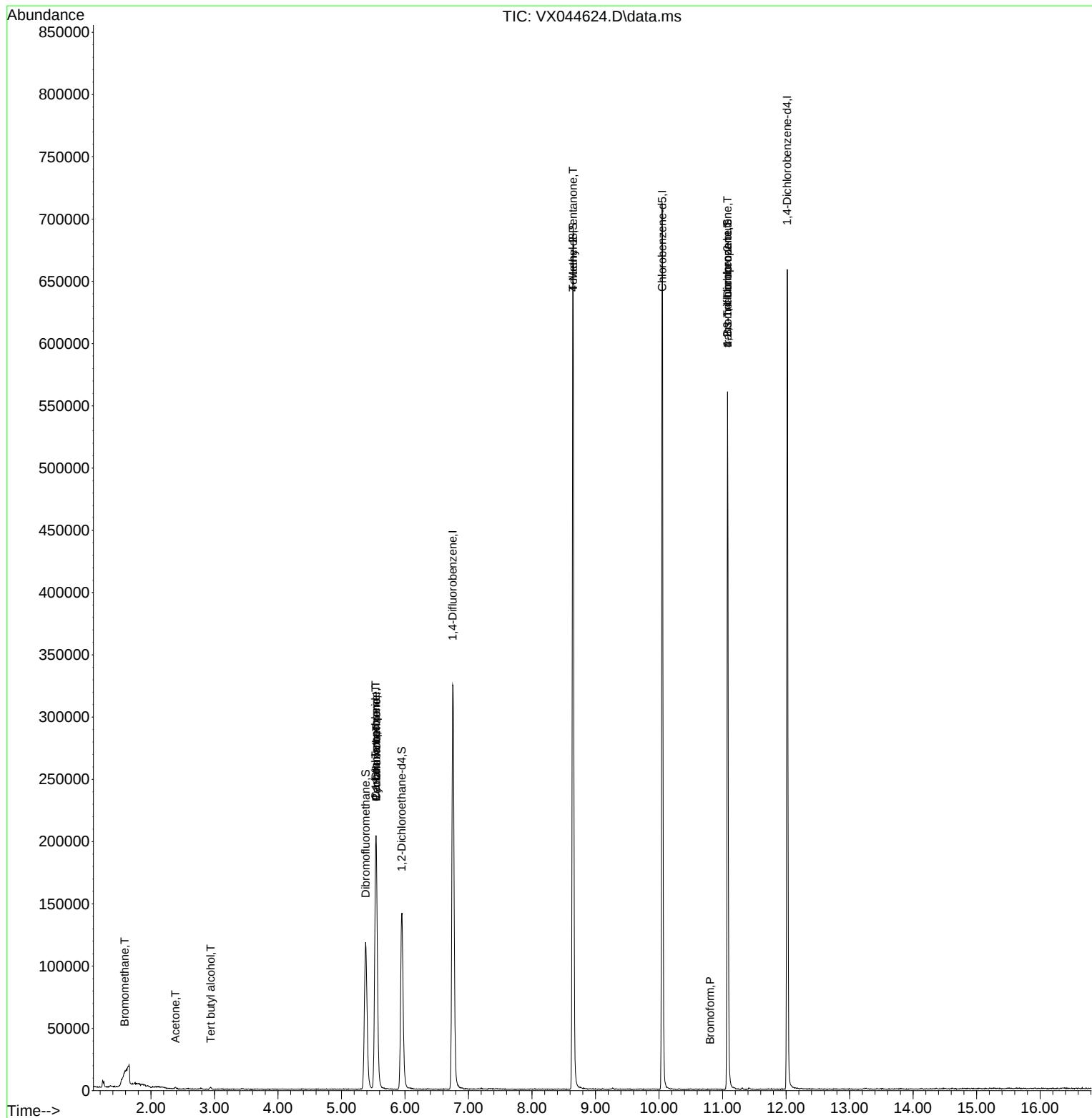
Internal Standards						
1) Pentafluorobenzene	5.550	168	181030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	329662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	320820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	147321	50.472	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.940%			
35) Dibromofluoromethane	5.379	113	104004	46.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.020%			
50) Toluene-d8	8.647	98	422950	54.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.560%			
62) 4-Bromofluorobenzene	11.079	95	150892	55.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.720%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	398	0.314	ug/l #	3
11) Tert butyl alcohol	2.941	59	537	1.494	ug/l #	72
16) Acetone	2.386	43	821	0.892	ug/l #	29
31) Cyclohexane	5.550	56	4747	1.433	ug/l #	44
36) 1,1-Dichloropropene	5.538	75	16638	5.692	ug/l #	48
38) Carbon Tetrachloride	5.538	117	20897	6.443	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1867	0.647	ug/l #	1
71) Bromoform	10.805	173	119	0.690	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	76268	29.438	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	76268	89.608	ug/l #	4

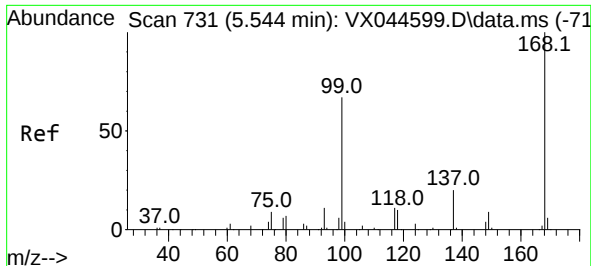
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

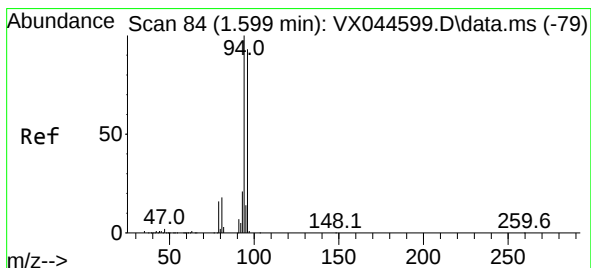
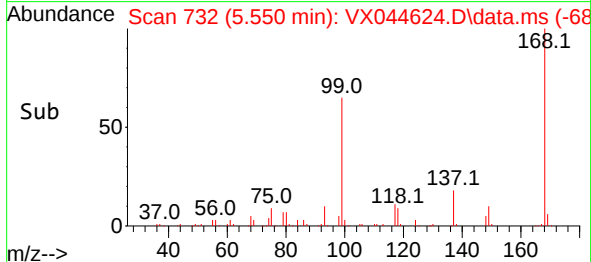
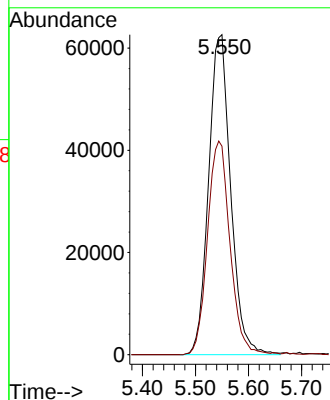
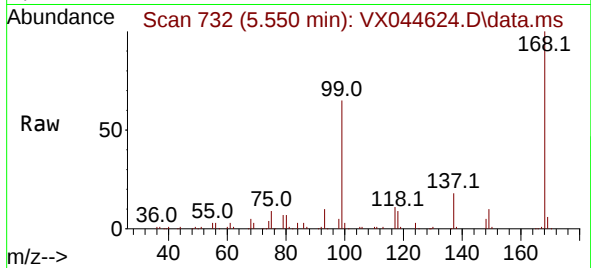




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

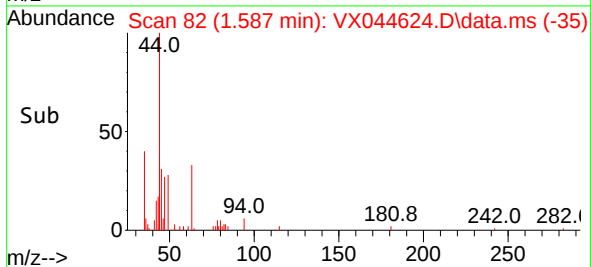
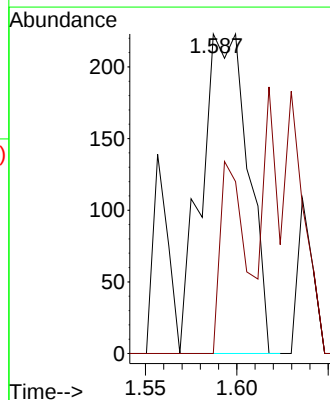
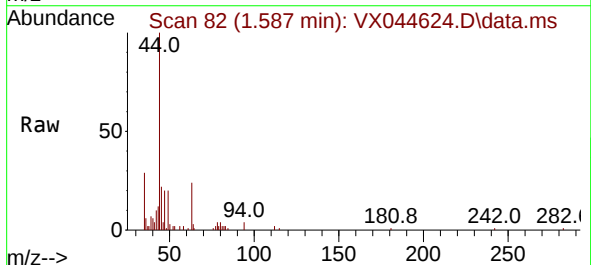
Instrument :
MSVOA_X
ClientSampleId :

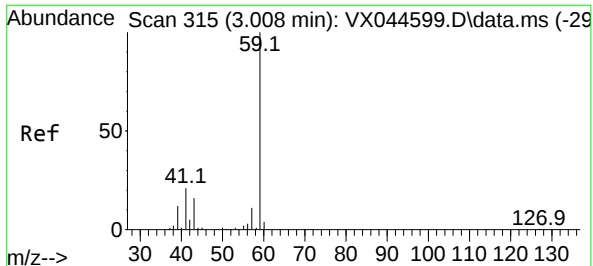
Tgt Ion:168 Resp: 181030
Ion Ratio Lower Upper
168 100
99 65.2 53.5 80.3



#5
Bromomethane
Concen: 0.314 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 0.0 74.6 112.0#





#11

Tert butyl alcohol

Concen: 1.494 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX044624.D

Acq: 08 Jan 2025 13:42

Instrument :

MSVOA_X

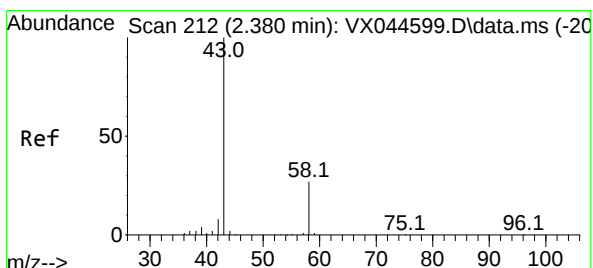
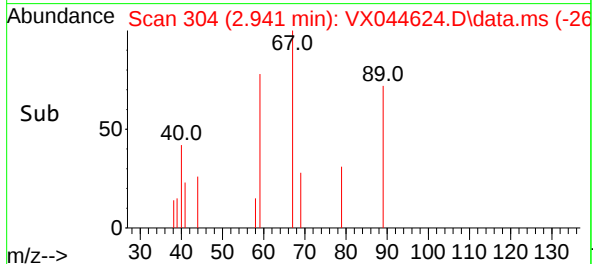
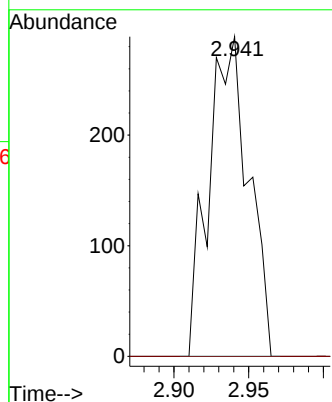
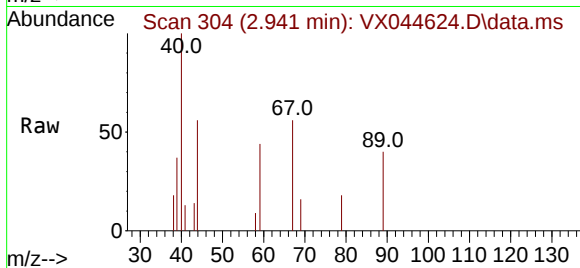
ClientSampleId :

Tgt Ion: 59 Resp: 537

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 0.892 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044624.D

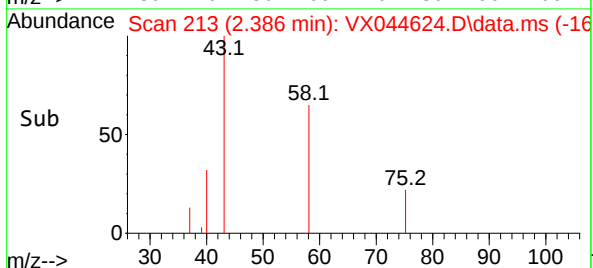
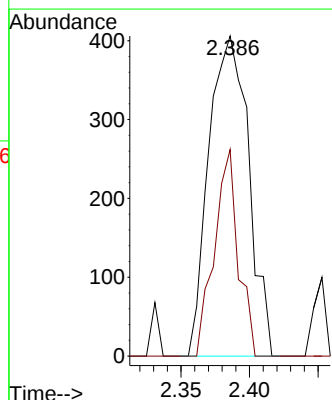
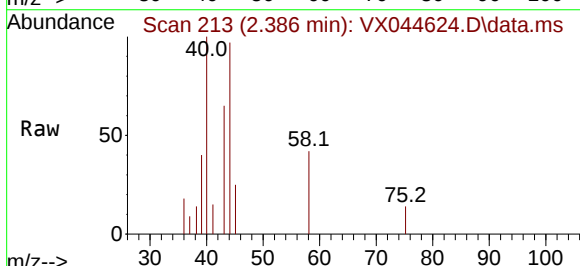
Acq: 08 Jan 2025 13:42

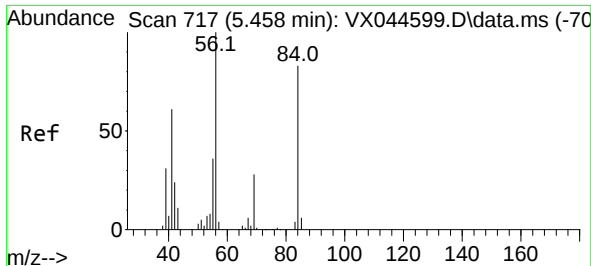
Tgt Ion: 43 Resp: 821

Ion Ratio Lower Upper

43 100

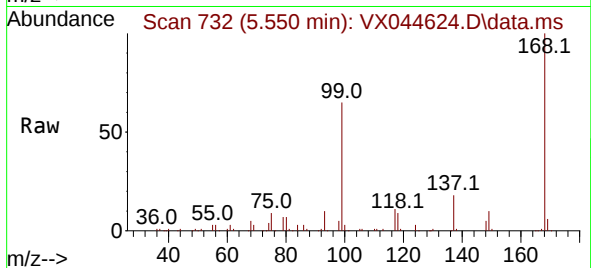
58 64.5 22.0 33.0#



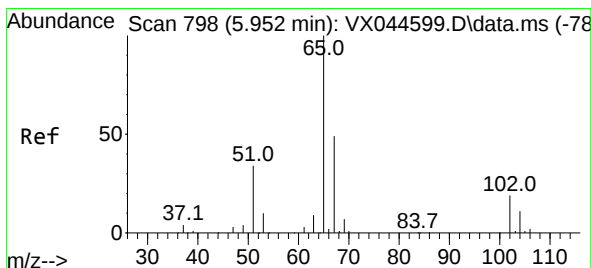
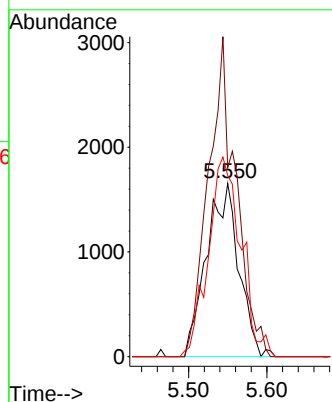
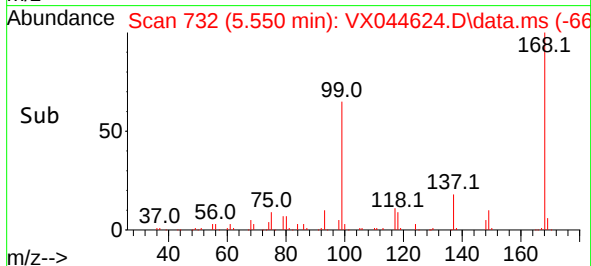


#31
Cyclohexane
Concen: 1.433 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :

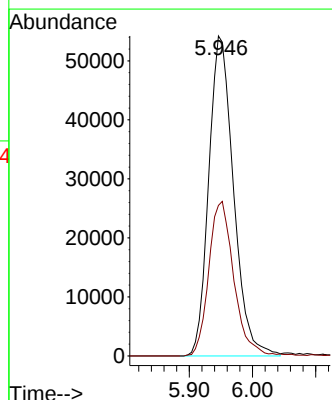
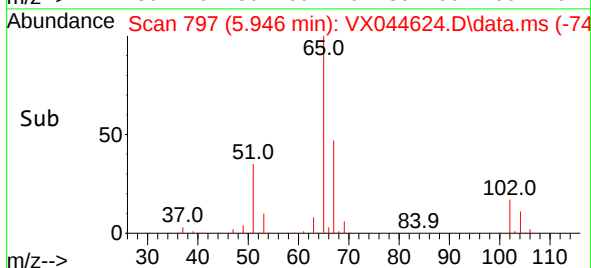
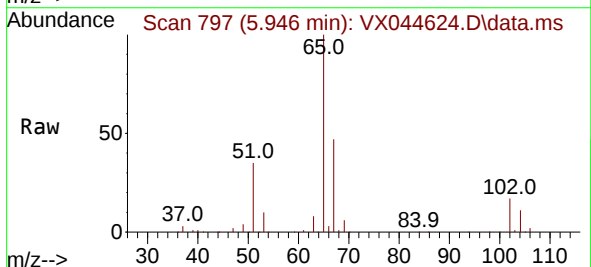


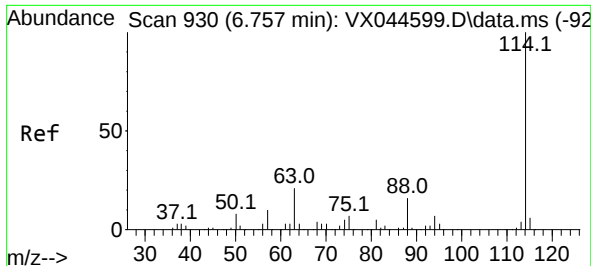
Tgt Ion: 56 Resp: 4747
Ion Ratio Lower Upper
56 100
69 109.1 22.2 33.4#
84 104.6 66.6 100.0#



#33
1,2-Dichloroethane-d4
Concen: 50.472 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Tgt Ion: 65 Resp: 147321
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

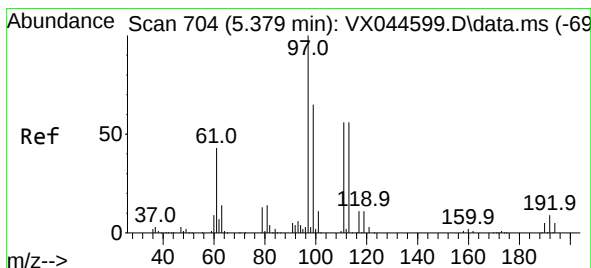
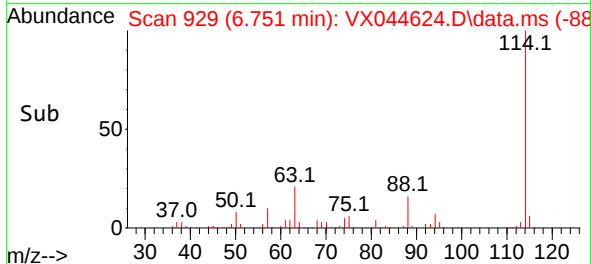
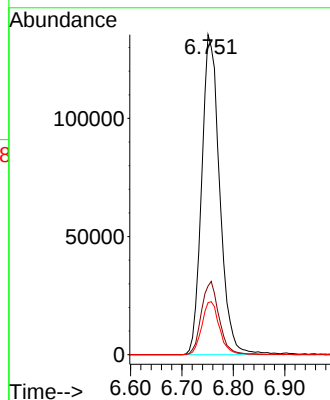
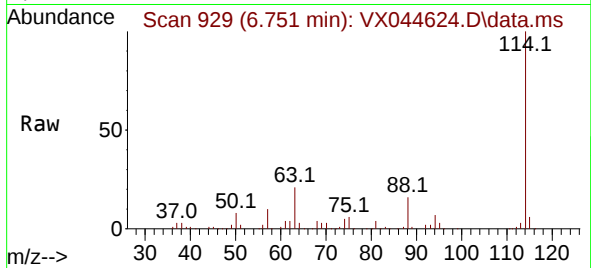




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

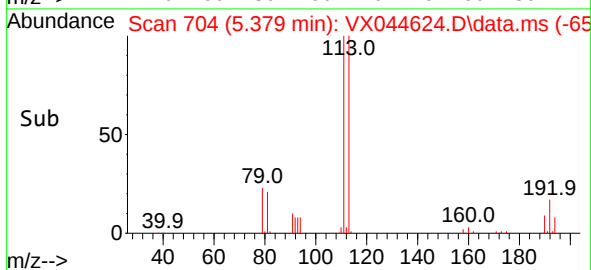
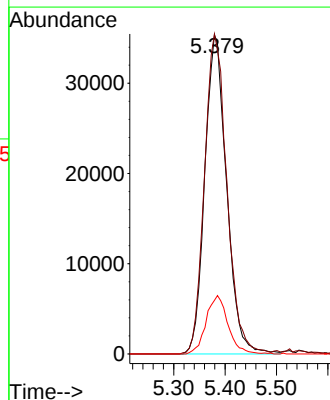
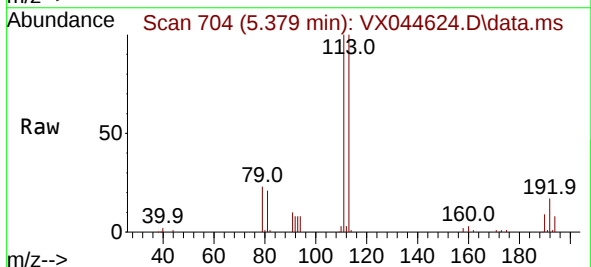
Instrument :
MSVOA_X
ClientSampleId :

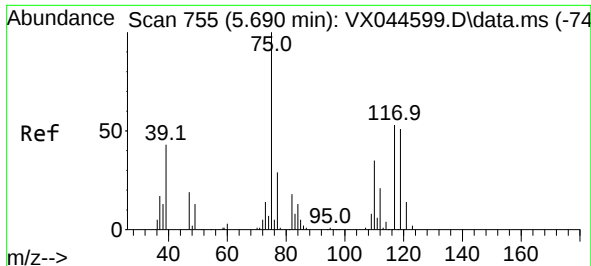
Tgt Ion:114 Resp: 329662
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.009 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

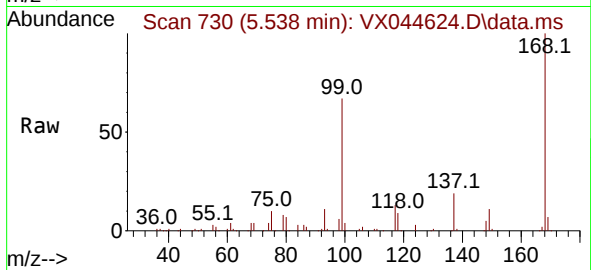
Tgt Ion:113 Resp: 104004
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 18.4 14.3 21.5



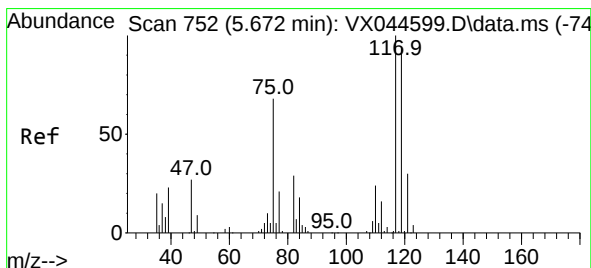
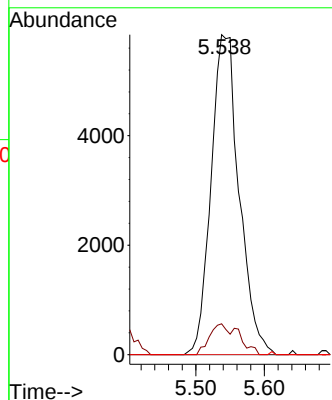
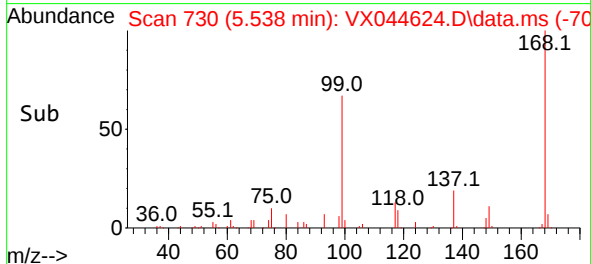


#36
1,1-Dichloropropene
Concen: 5.692 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.152 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

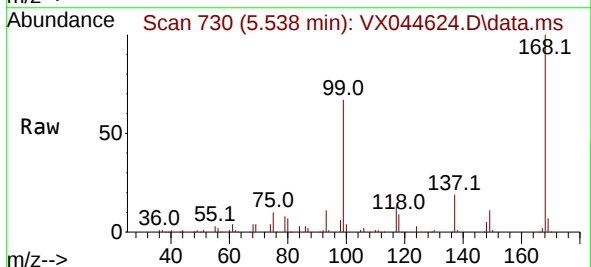
Instrument :
MSVOA_X
ClientSampleId :



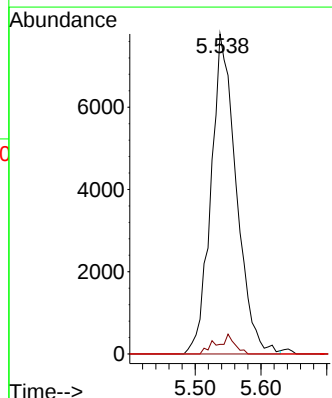
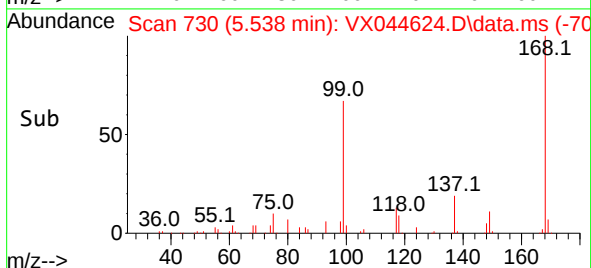
Tgt Ion: 75 Resp: 16638
Ion Ratio Lower Upper
75 100
110 6.6 17.3 51.9#
77 0.0 24.7 37.1#

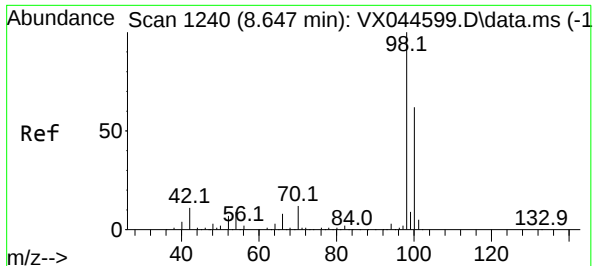


#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42



Tgt Ion: 117 Resp: 20897
Ion Ratio Lower Upper
117 100
119 3.0 74.5 111.7#
121 0.0 24.1 36.1#

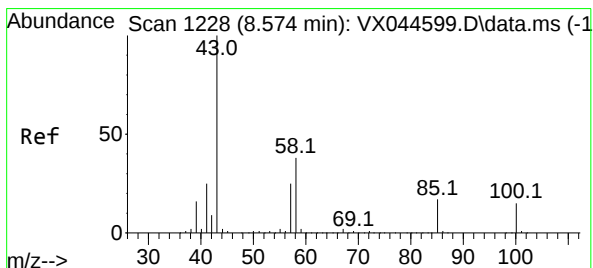
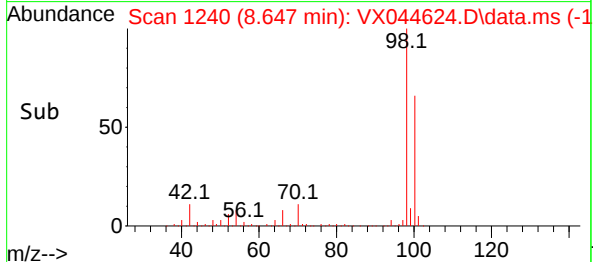
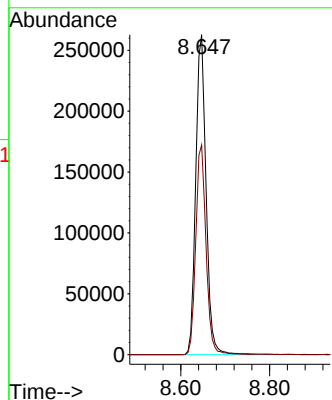
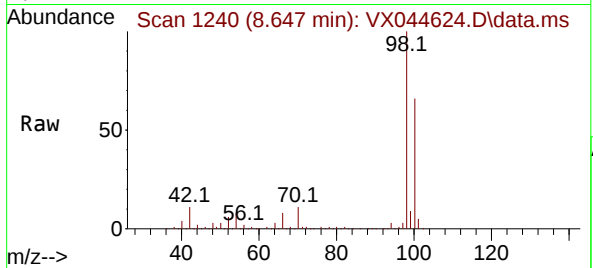




#50
Toluene-d8
Concen: 54.775 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

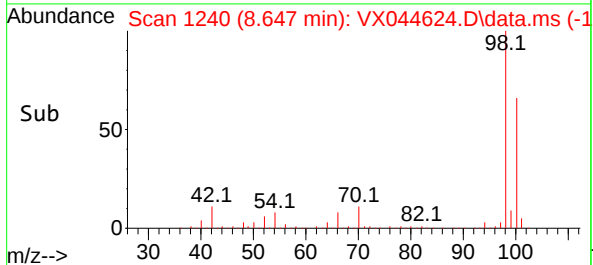
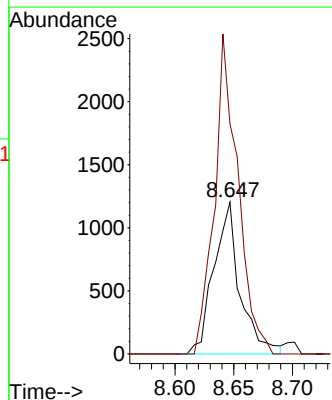
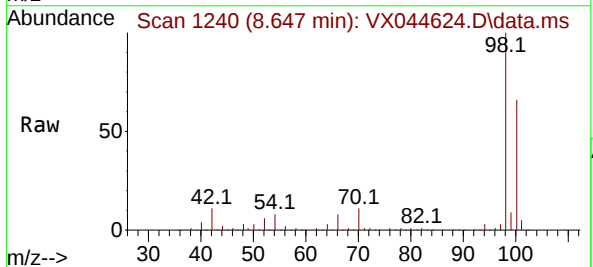
Instrument :
MSVOA_X
ClientSampleId :

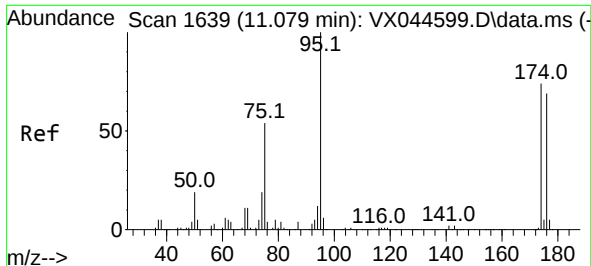
Tgt Ion: 98 Resp: 422950
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Tgt Ion: 43 Resp: 1867
Ion Ratio Lower Upper
43 100
58 189.2 30.0 45.0#

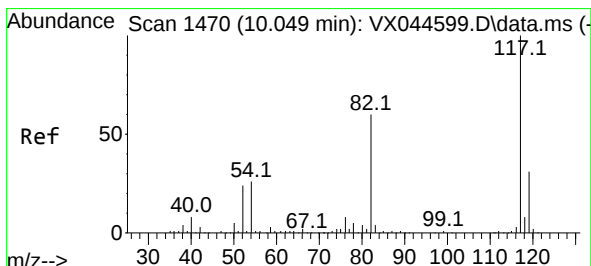
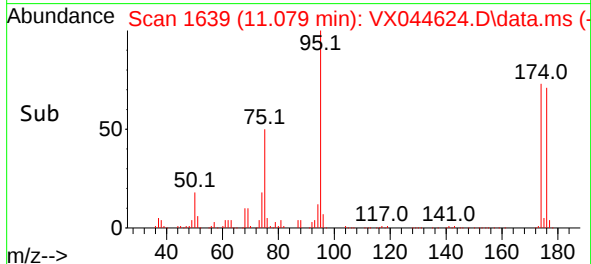
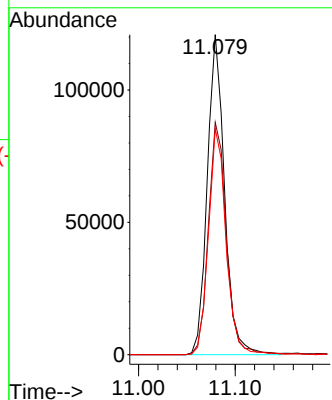
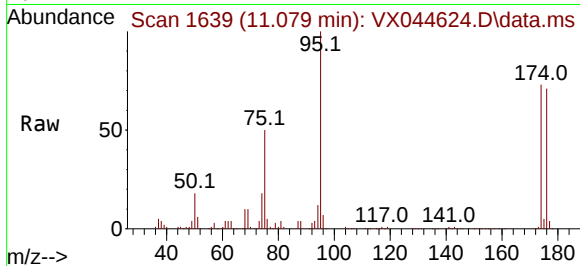




#62
4-Bromofluorobenzene
Concen: 55.365 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

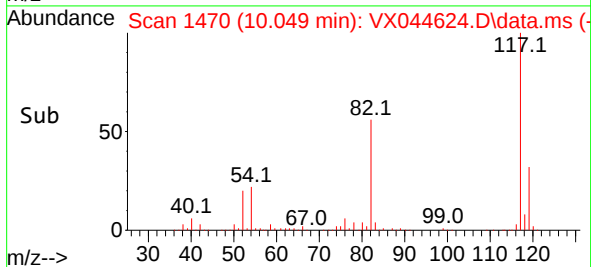
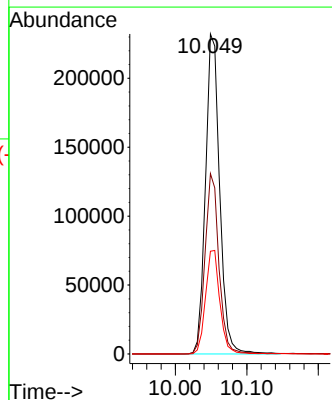
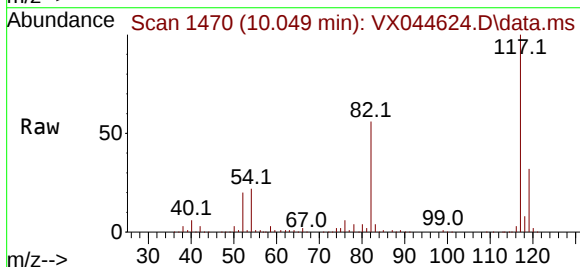
Instrument :
MSVOA_X
ClientSampleId :

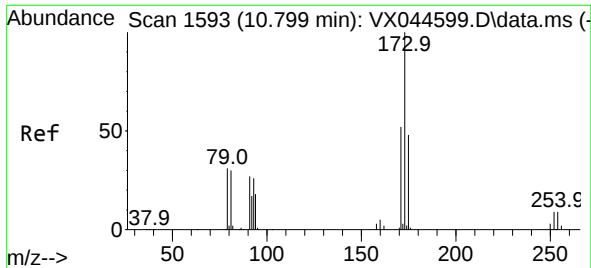
Tgt Ion: 95 Resp: 150892
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.8
176 71.9 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

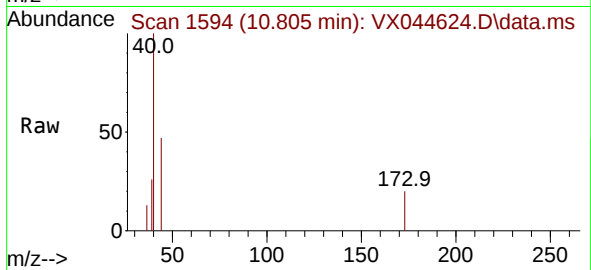
Tgt Ion: 117 Resp: 320820
Ion Ratio Lower Upper
117 100
82 56.3 47.8 71.6
119 32.1 25.0 37.6



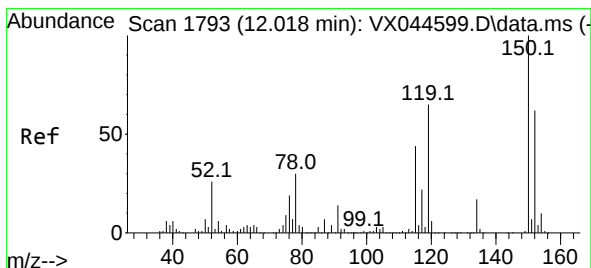
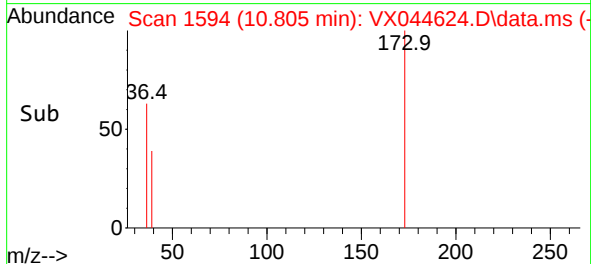
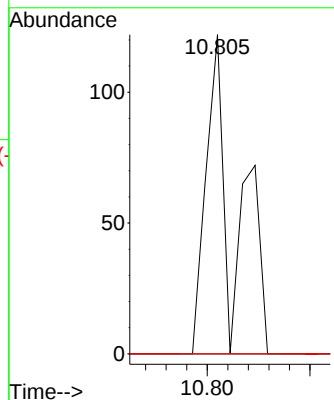


#71
Bromoform
Concen: 0.690 ug/l
RT: 10.805 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :

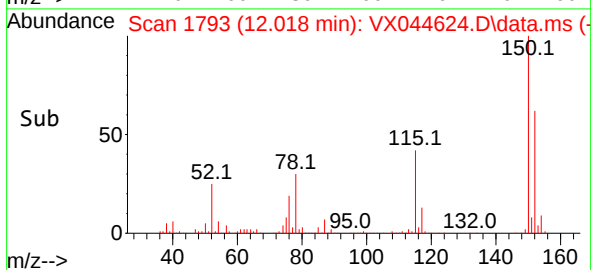
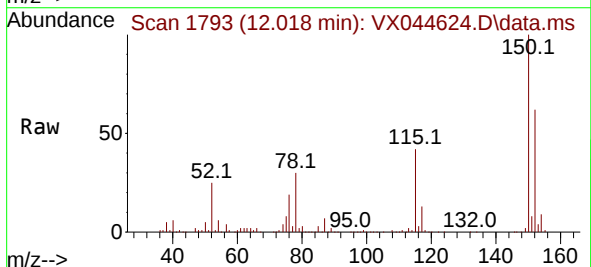
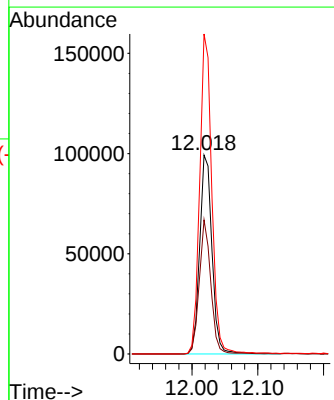


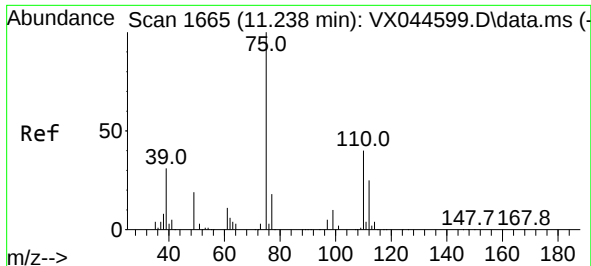
Tgt Ion:173 Resp: 119
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Tgt Ion:152 Resp: 129243
Ion Ratio Lower Upper
152 100
115 63.1 44.4 133.1
150 157.9 0.0 355.0

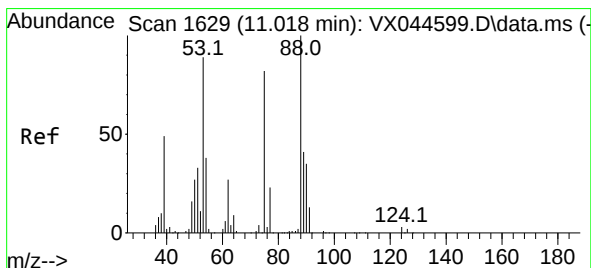
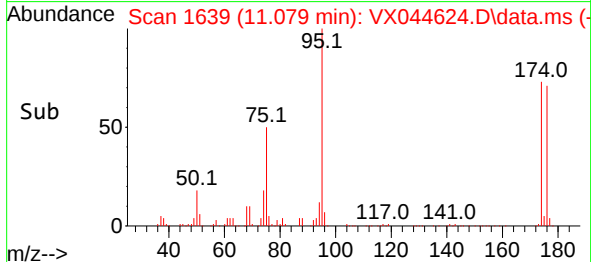
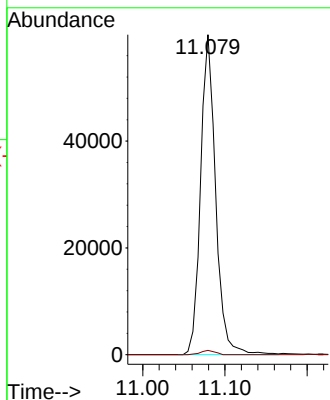
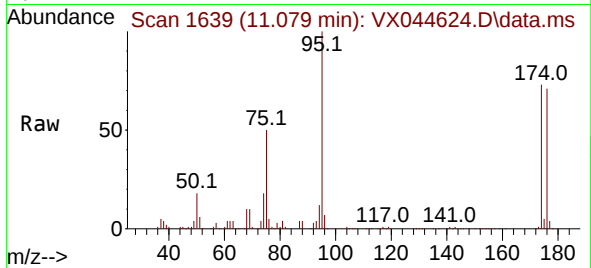




#76
1,2,3-Trichloropropane
Concen: 29.438 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 76268
Ion Ratio Lower Upper
75 100
77 1.3 21.1 63.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044624.D
Acq: 08 Jan 2025 13:42

Tgt Ion: 75 Resp: 76268
Ion Ratio Lower Upper
75 100
53 0.0 92.7 139.1#
89 0.0 38.3 57.5#

