

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044610.D
 Acq On : 07 Jan 2025 18:51
 Operator : JC/MD
 Sample : Q1022-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 05:57:09 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)

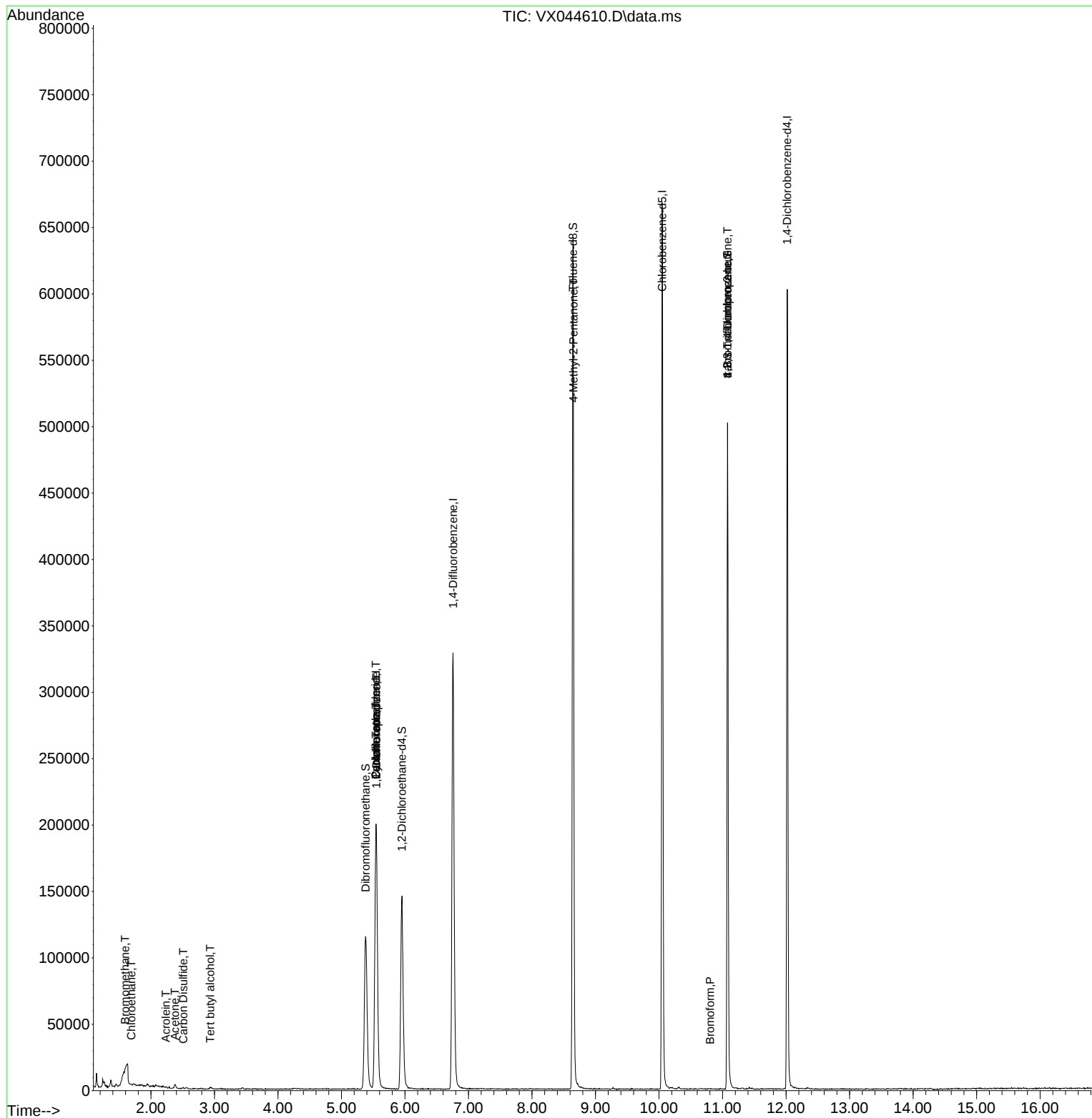
Internal Standards						
1) Pentafluorobenzene	5.544	168	178481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	326468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	293289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	119305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145465	50.547	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.100%	
35) Dibromofluoromethane	5.379	113	102441	45.760	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.520%	
50) Toluene-d8	8.647	98	388881	50.856	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.720%	
62) 4-Bromofluorobenzene	11.079	95	133679	49.529	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	99.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	501	0.401	ug/l #	33
6) Chloroethane	1.691	64	321	0.232	ug/l #	41
11) Tert butyl alcohol	2.934	59	623	1.758	ug/l #	72
13) Acrolein	2.233	56	141	0.301	ug/l #	32
16) Acetone	2.380	43	3376	3.722	ug/l	91
17) Carbon Disulfide	2.508	76	954	0.231	ug/l #	95
31) Cyclohexane	5.544	56	4564	1.398	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	16414	5.670	ug/l #	52
38) Carbon Tetrachloride	5.544	117	20028	6.236	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1872	0.656	ug/l #	1
71) Bromoform	10.805	173	117	0.696	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	74359	31.092	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	74359	94.643	ug/l #	4

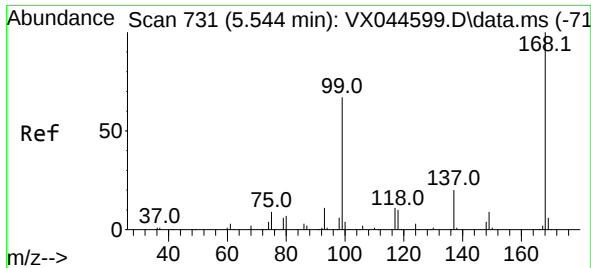
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

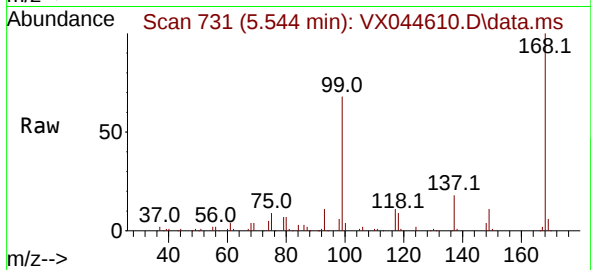
Quant Time: Jan 08 05:57:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration



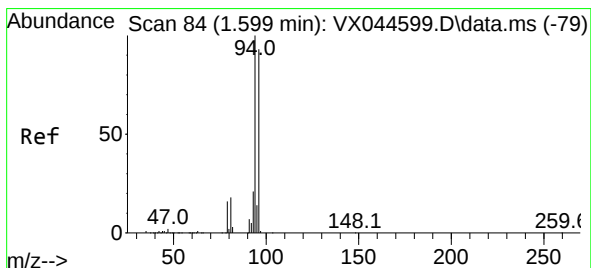
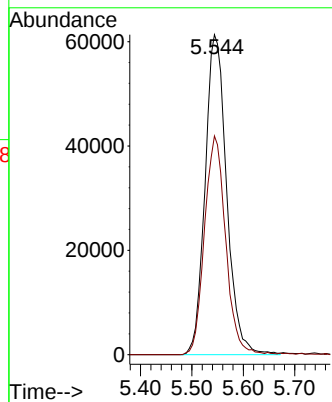
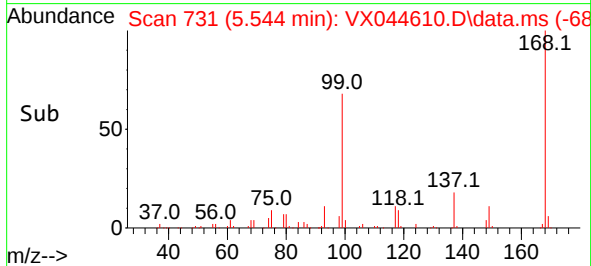


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :

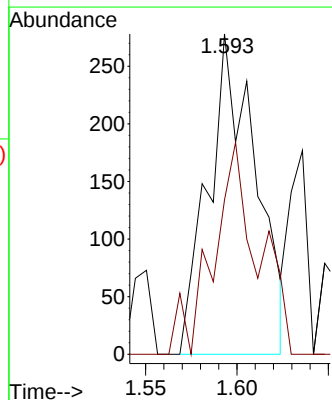
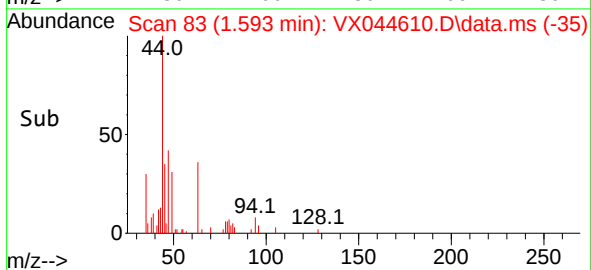
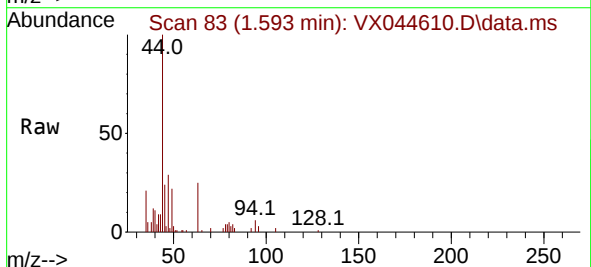


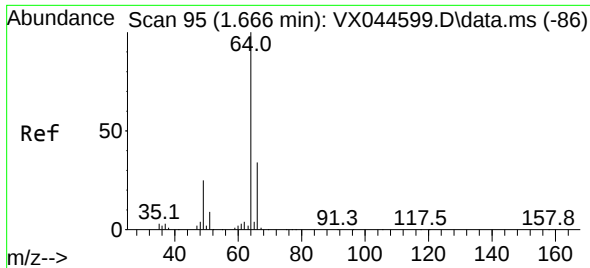
Tgt Ion:168 Resp: 178481
Ion Ratio Lower Upper
168 100
99 68.3 53.5 80.3



#5
Bromomethane
Concen: 0.401 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

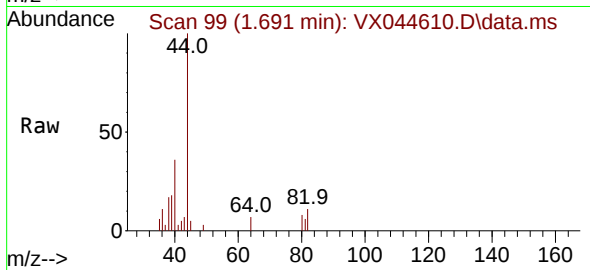
Tgt Ion: 94 Resp: 501
Ion Ratio Lower Upper
94 100
96 29.1 74.6 112.0#



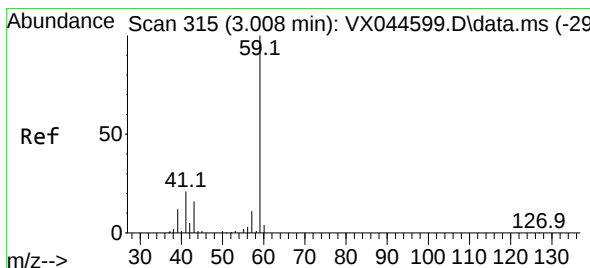
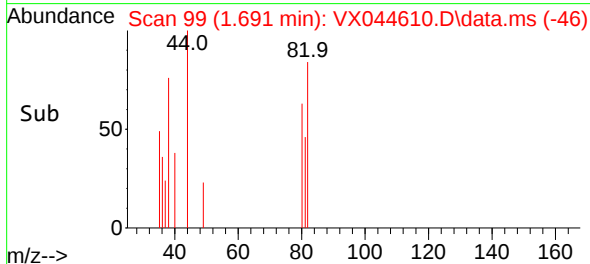
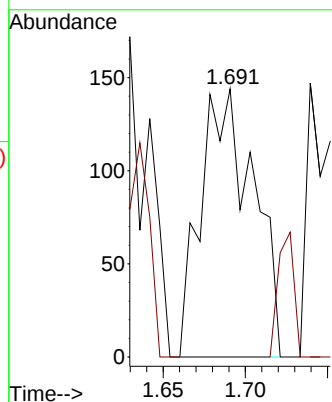


#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :

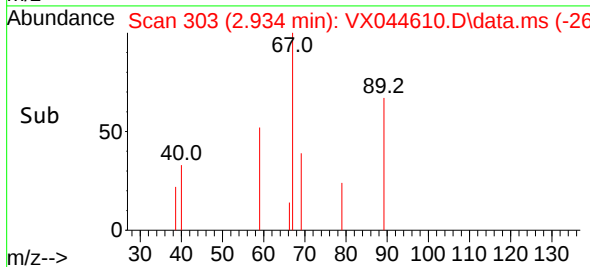
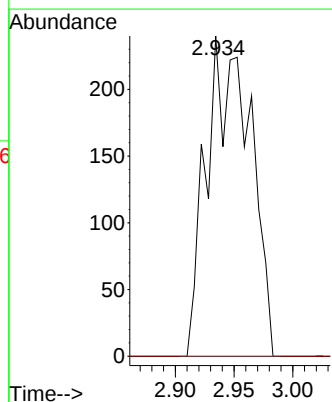
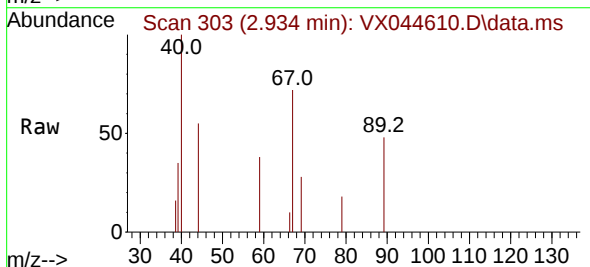


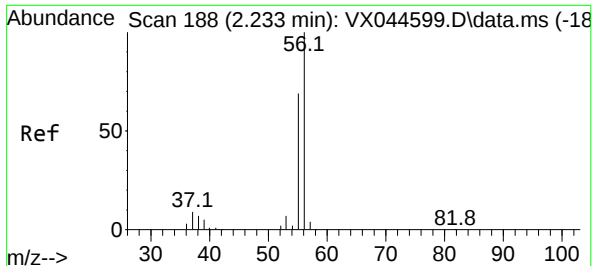
Tgt Ion: 64 Resp: 321
Ion Ratio Lower Upper
64 100
66 0.0 27.3 40.9#



#11
Tert butyl alcohol
Concen: 1.758 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

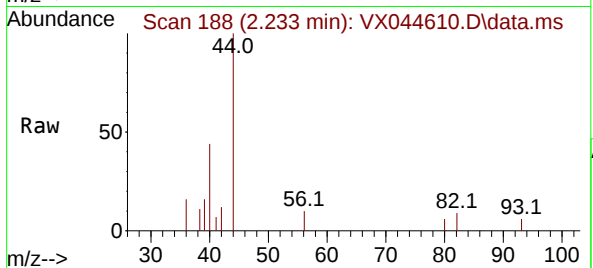
Tgt Ion: 59 Resp: 623
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



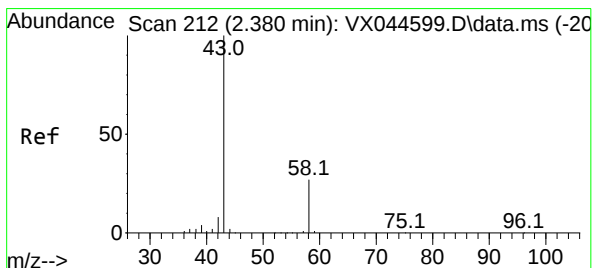
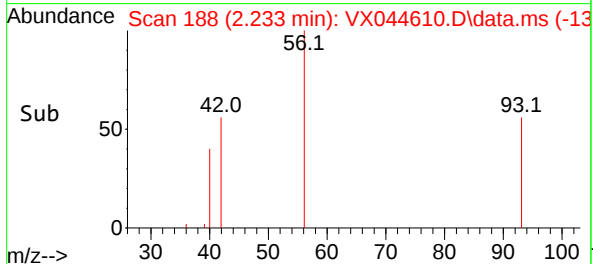
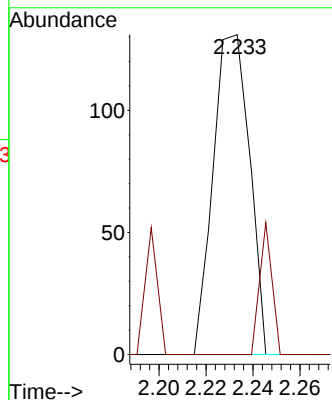


#13
Acrolein
Concen: 0.301 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument : MSVOA_X
ClientSampleId :

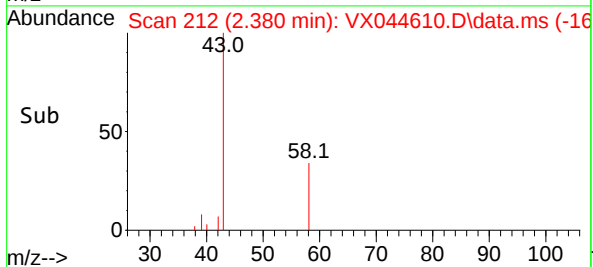
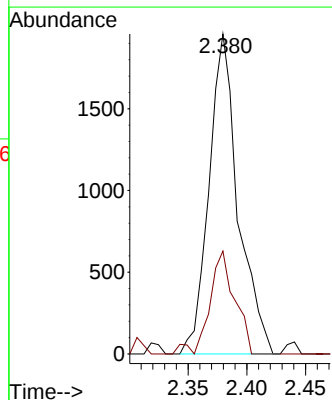
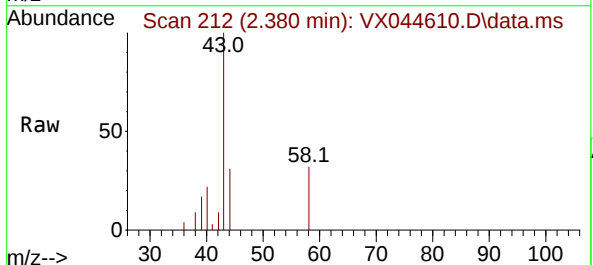


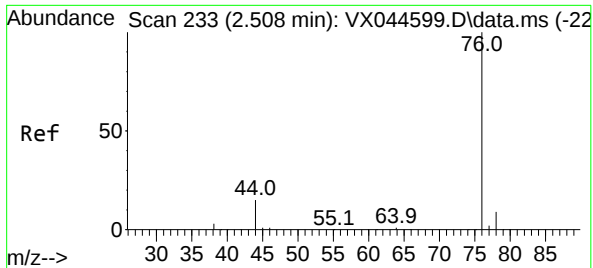
Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 14.2 55.8 83.8#



#16
Acetone
Concen: 3.722 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

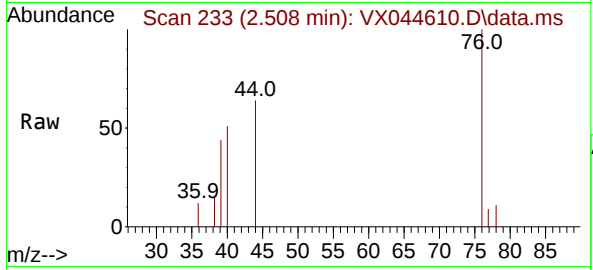
Tgt Ion: 43 Resp: 3376
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0



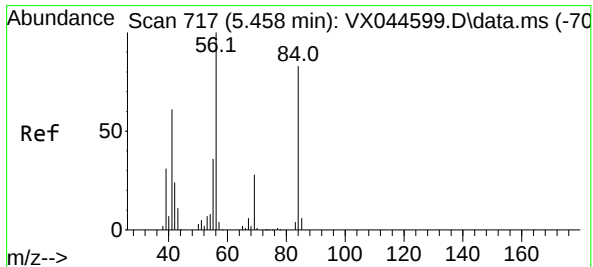
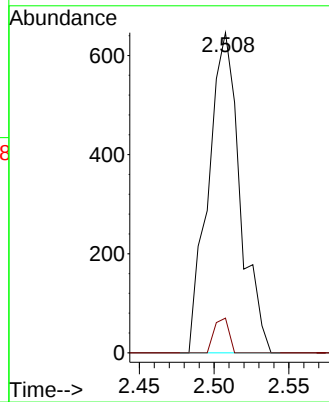
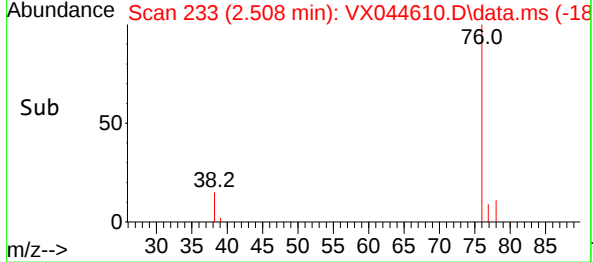


#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :

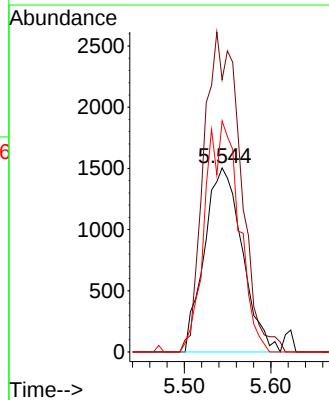
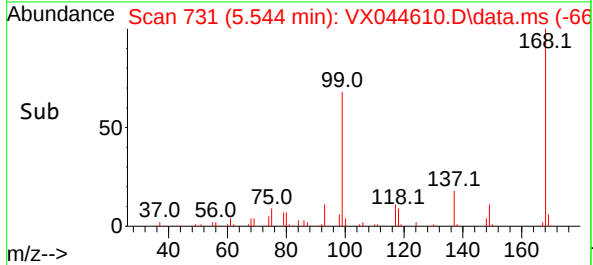
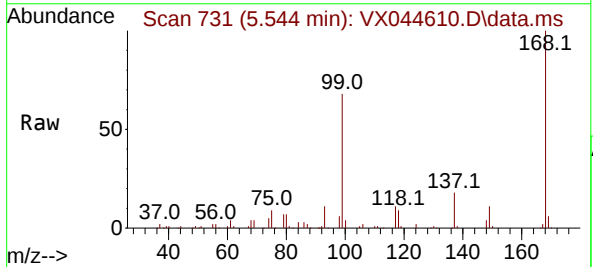


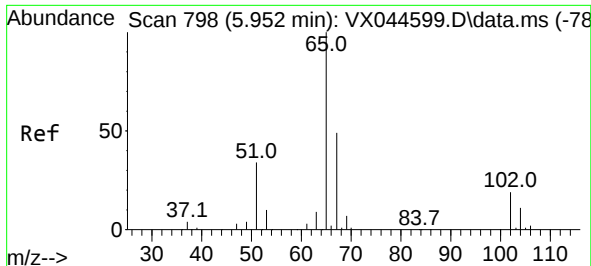
Tgt Ion: 76 Resp: 954
Ion Ratio Lower Upper
76 100
78 10.8 7.1 10.7#



#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Tgt Ion: 56 Resp: 4564
Ion Ratio Lower Upper
56 100
69 148.0 22.2 33.4#
84 125.5 66.6 100.0#





#33

1,2-Dichloroethane-d4

Concen: 50.547 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044610.D

Acq: 07 Jan 2025 18:51

Instrument :

MSVOA_X

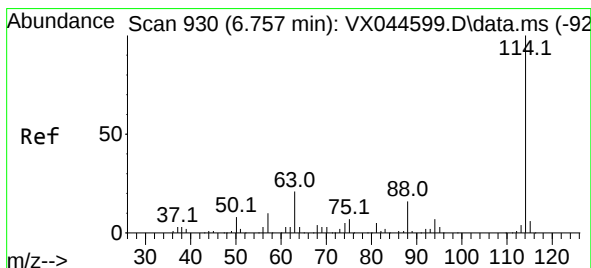
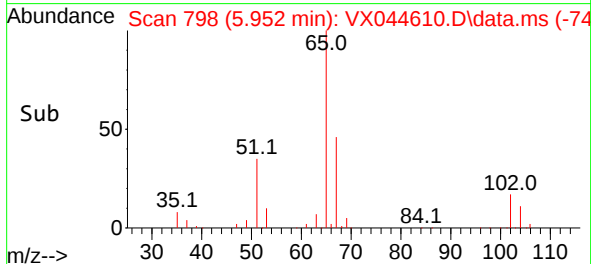
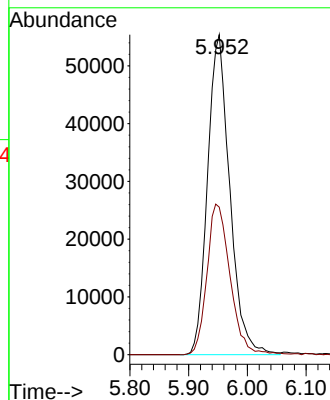
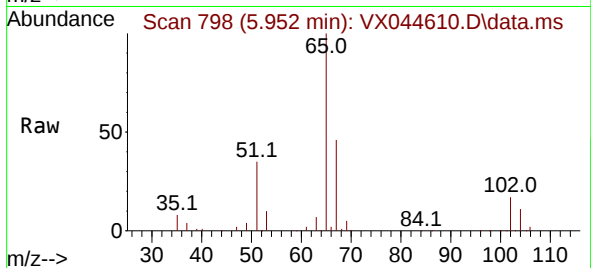
ClientSampleId :

Tgt Ion: 65 Resp: 145465

Ion Ratio Lower Upper

65 100

67 49.2 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: VX044610.D

Acq: 07 Jan 2025 18:51

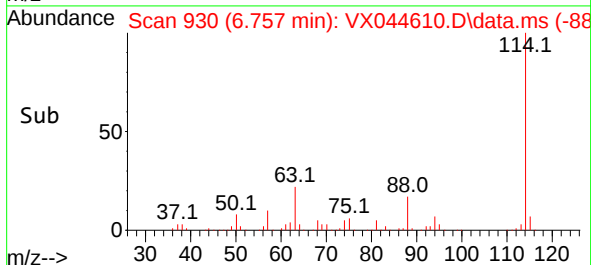
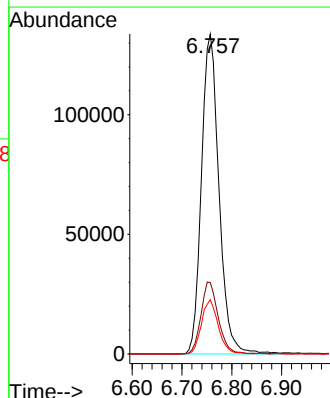
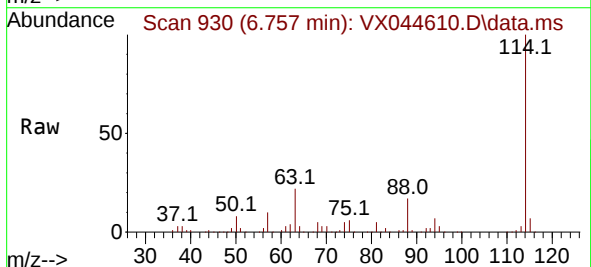
Tgt Ion: 114 Resp: 326468

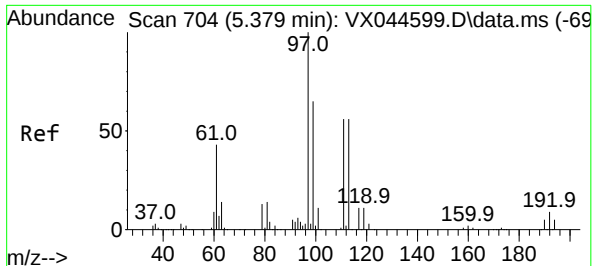
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.6

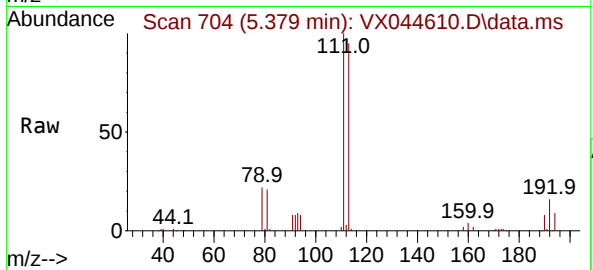
88 17.0 0.0 32.6



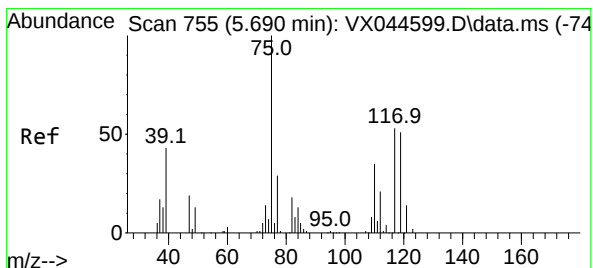
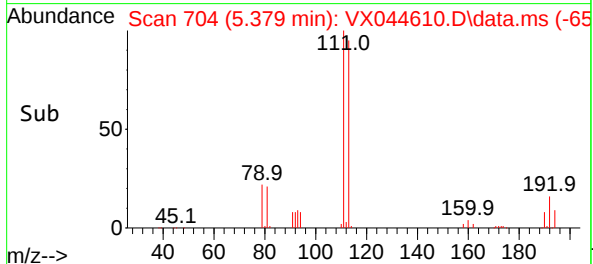
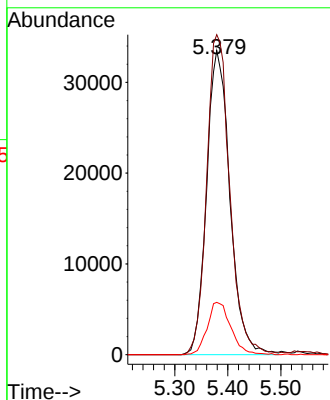


#35
Dibromofluoromethane
Concen: 45.760 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :

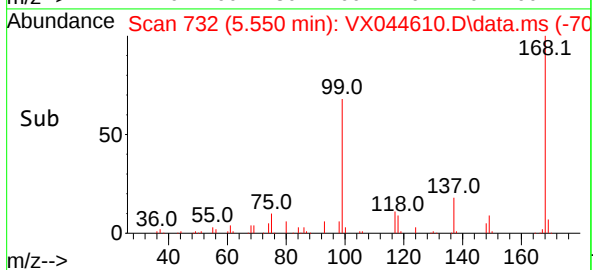
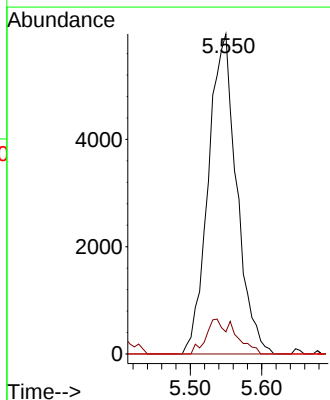
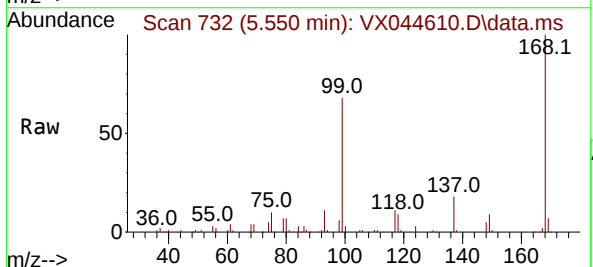


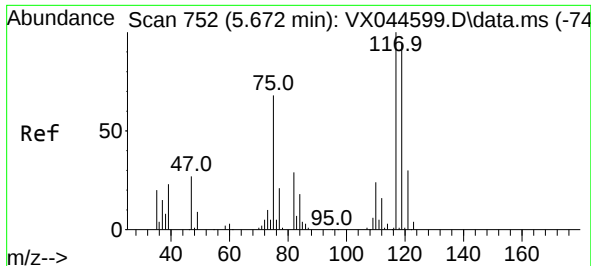
Tgt Ion:113 Resp: 102441
Ion Ratio Lower Upper
113 100
111 104.1 83.3 124.9
192 17.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.670 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

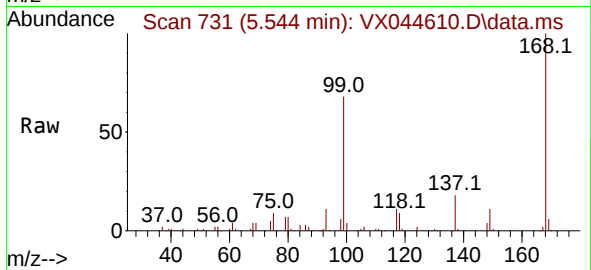
Tgt Ion: 75 Resp: 16414
Ion Ratio Lower Upper
75 100
110 11.2 17.3 51.9#
77 0.0 24.7 37.1#



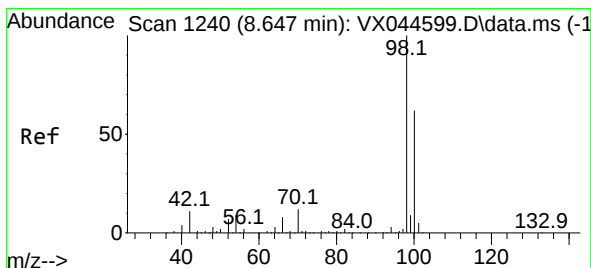
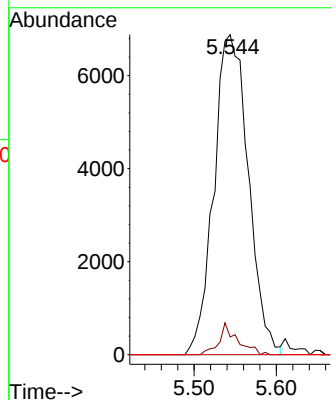
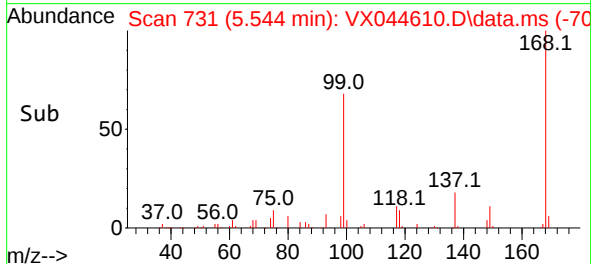


#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :

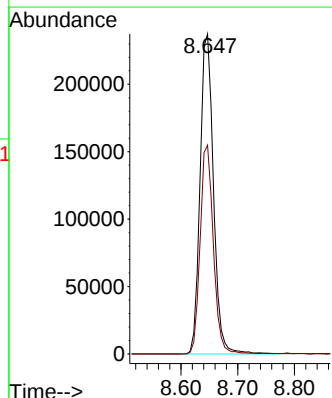
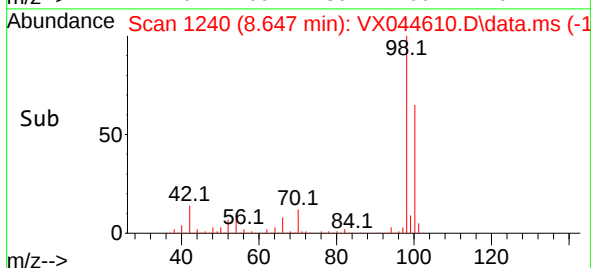
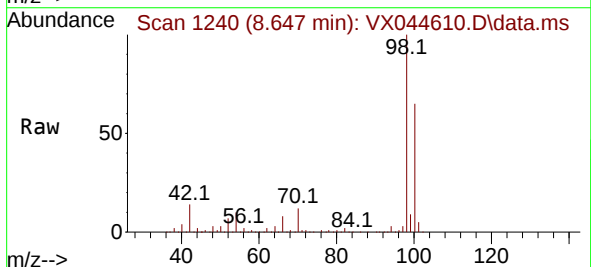


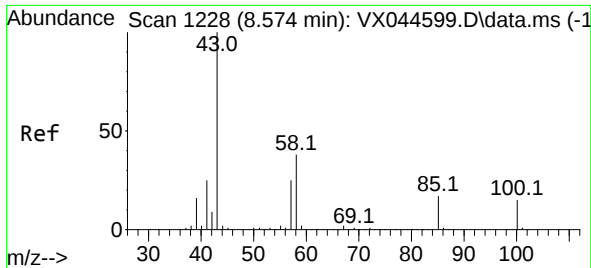
Tgt Ion:117 Resp: 20028
Ion Ratio Lower Upper
117 100
119 5.5 74.5 111.7#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Tgt Ion: 98 Resp: 388881
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

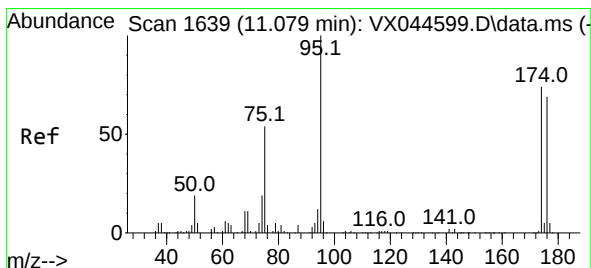
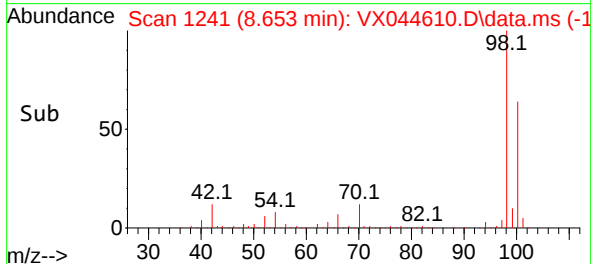
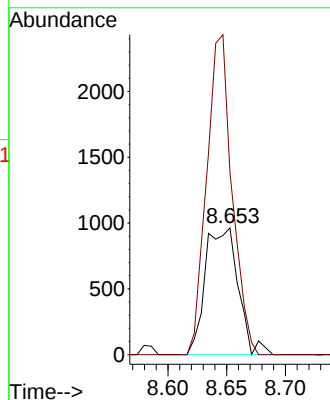
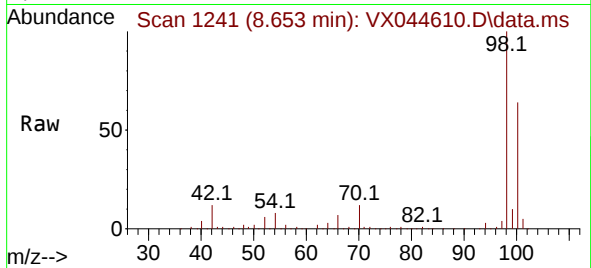




#51
4-Methyl-2-Pentanone
Concen: 0.656 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

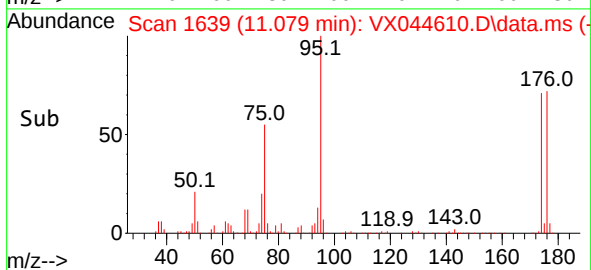
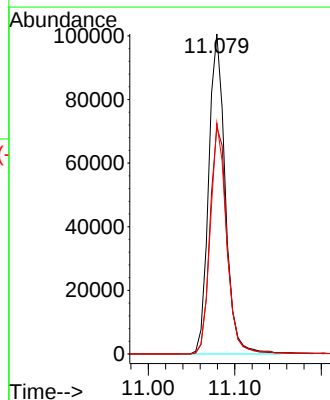
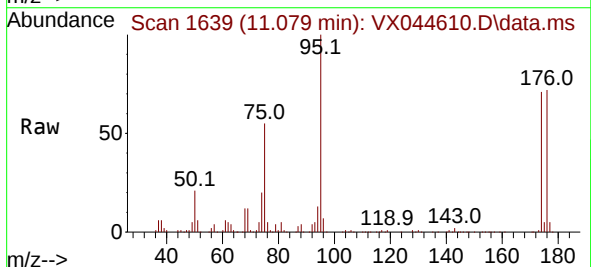
Instrument :
MSVOA_X
ClientSampleId :

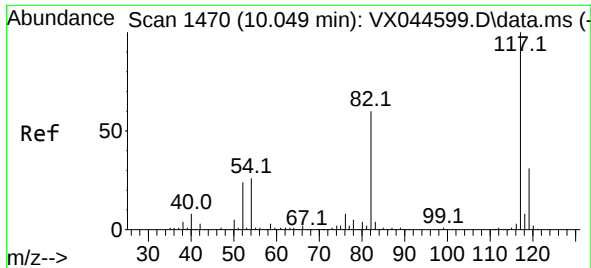
Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 195.8 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Tgt Ion: 95 Resp: 133679
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.8
176 71.1 0.0 139.8

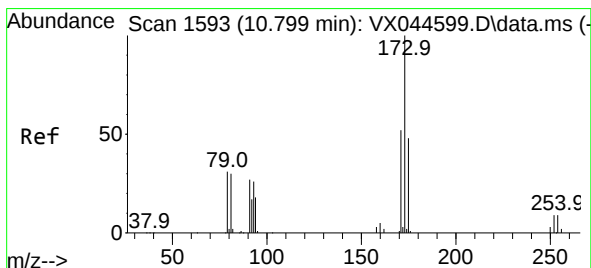
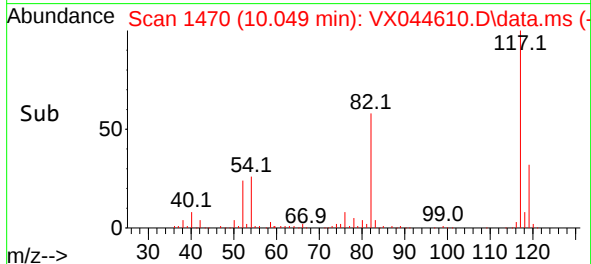
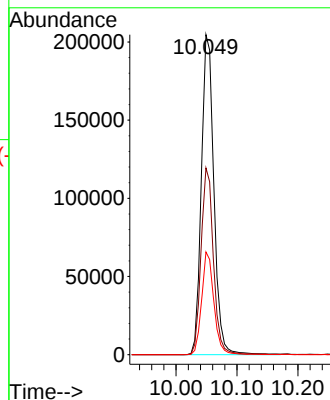
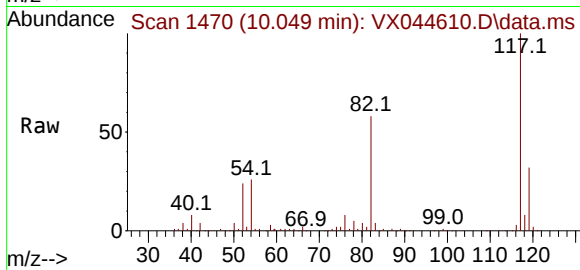




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

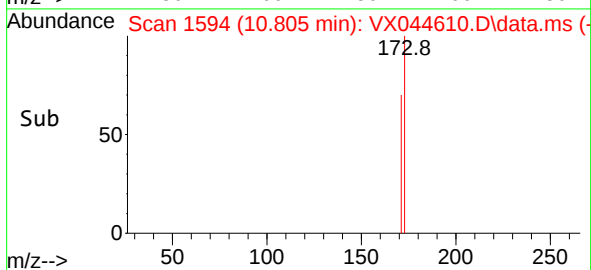
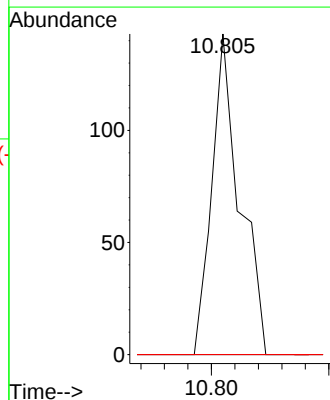
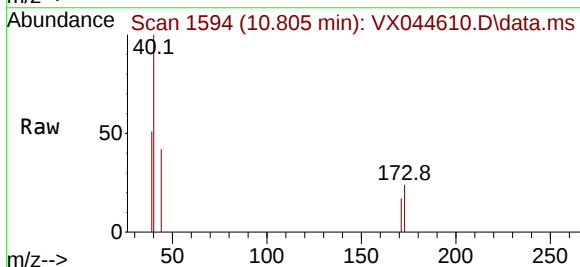
Instrument :
MSVOA_X
ClientSampleId :

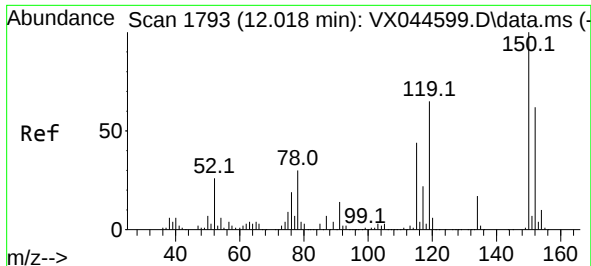
Tgt Ion:117 Resp: 293289
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.6
119 32.1 25.0 37.6



#71
Bromoform
Concen: 0.696 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

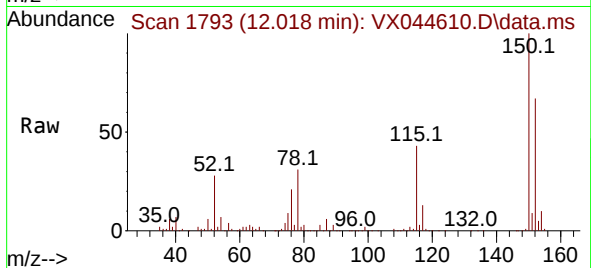
Tgt Ion:173 Resp: 117
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



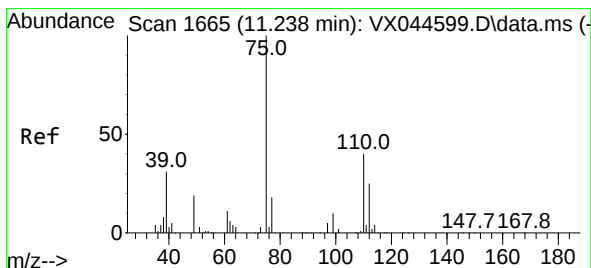
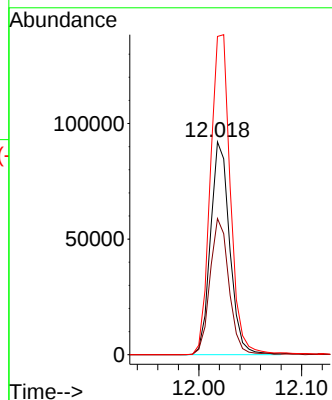
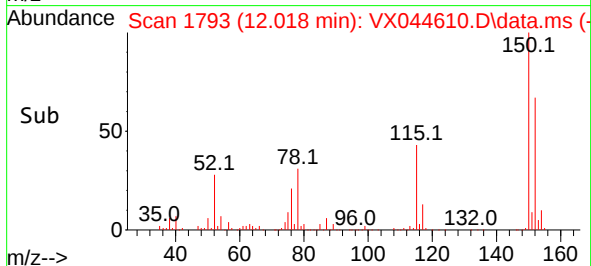


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :

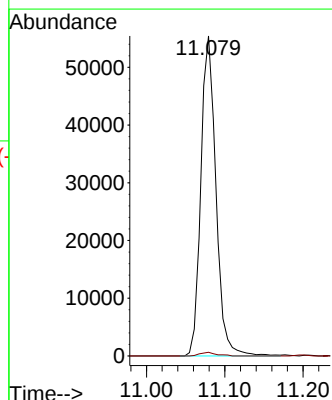
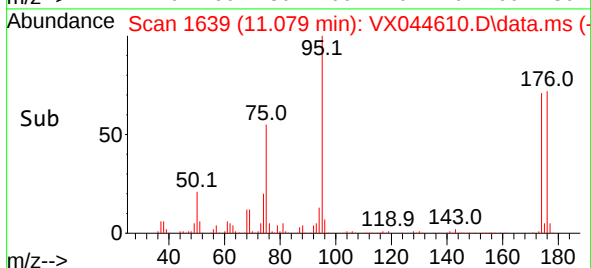
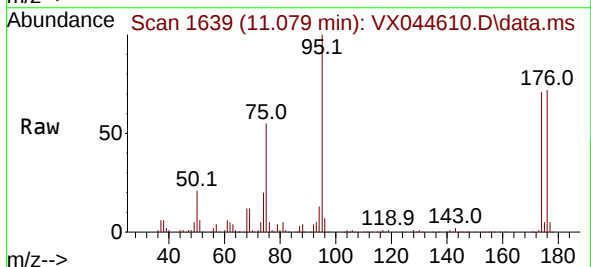


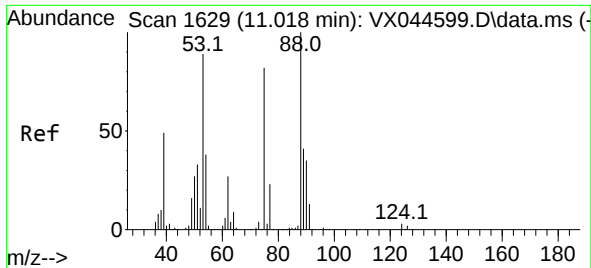
Tgt Ion:152 Resp: 119305
Ion Ratio Lower Upper
152 100
115 63.1 44.4 133.1
150 157.5 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 31.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

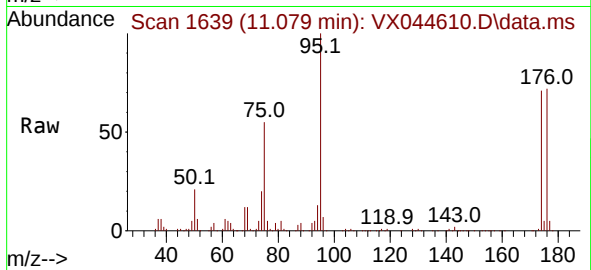
Tgt Ion: 75 Resp: 74359
Ion Ratio Lower Upper
75 100
77 1.2 21.1 63.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.643 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044610.D
Acq: 07 Jan 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 74359
Ion Ratio Lower Upper
75 100
53 0.0 92.7 139.1#
89 0.0 38.3 57.5#

