

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044849.D
 Acq On : 05 Feb 2025 17:22
 Operator : JC/MD
 Sample : Q1250-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:41:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

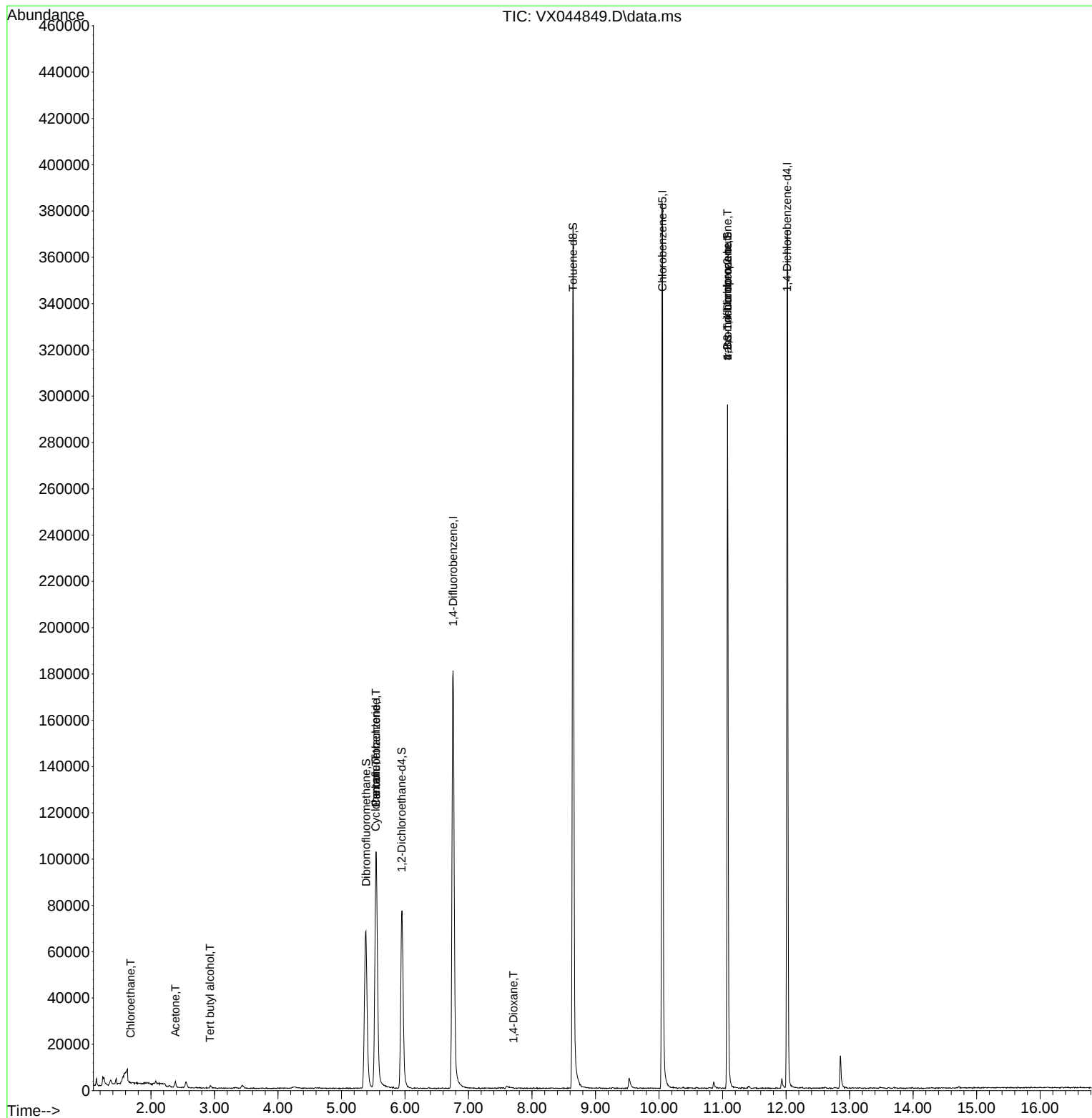
Internal Standards						
1) Pentafluorobenzene	5.544	168	98319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71921	48.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.920%
35) Dibromofluoromethane	5.385	113	61525	48.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.647	98	232547	52.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.580%
62) 4-Bromofluorobenzene	11.079	95	79214	48.238	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.480%
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	82	0.316	ug/l #	41
11) Tert butyl alcohol	2.928	59	174	0.526	ug/l #	85
16) Acetone	2.386	43	2649	4.512	ug/l #	88
31) Cyclohexane	5.538	56	2178	1.166	ug/l #	20
38) Carbon Tetrachloride	5.544	117	10161	5.137	ug/l #	15
49) 1,4-Dioxane	7.708	88	44	1.319	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41687	23.064	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	41687	52.744	ug/l #	12

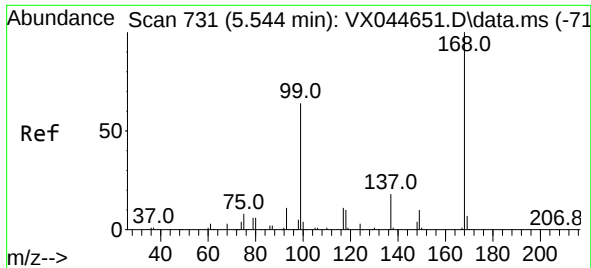
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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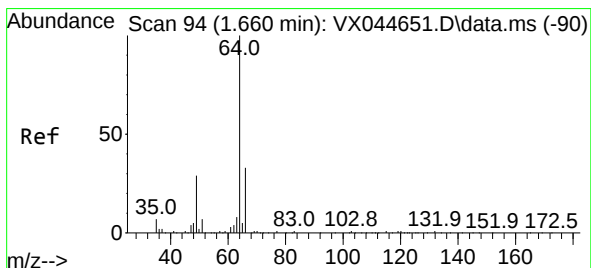
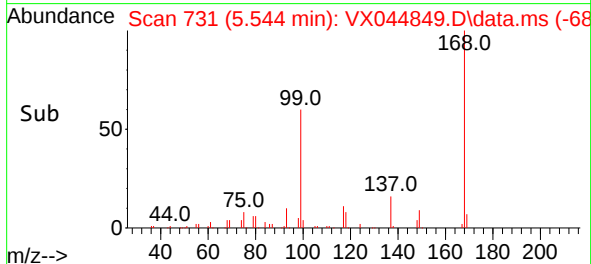
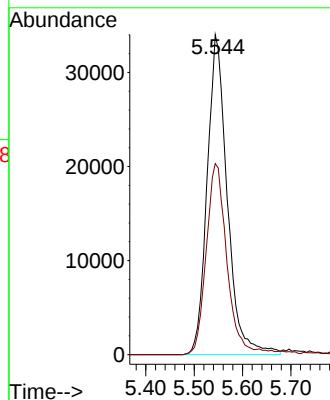
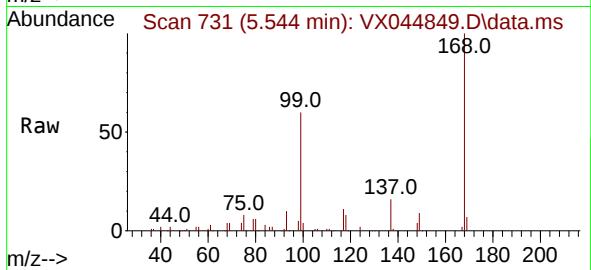




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

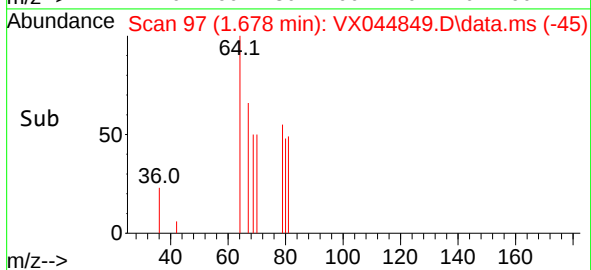
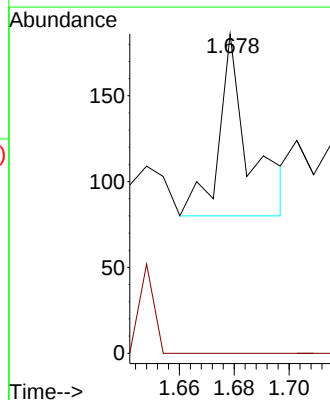
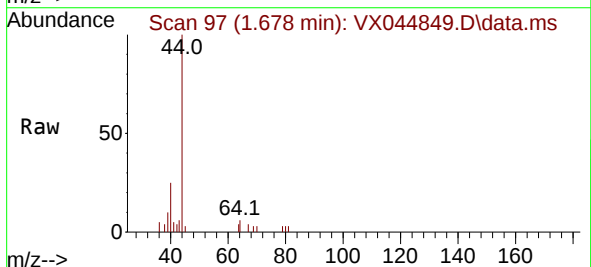
Instrument :
MSVOA_X
ClientSampleId :

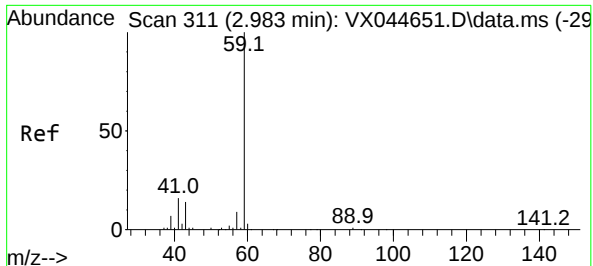
Tgt Ion:168 Resp: 98319
Ion Ratio Lower Upper
168 100
99 59.7 51.1 76.7



#6
Chloroethane
Concen: 0.316 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.018 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

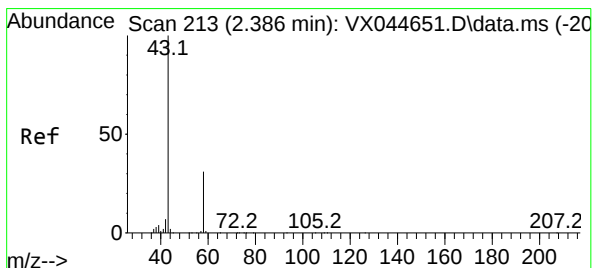
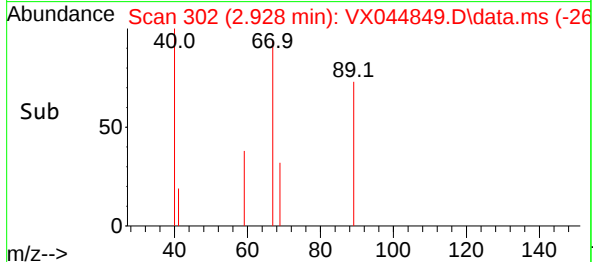
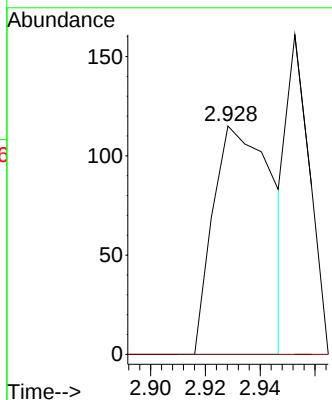
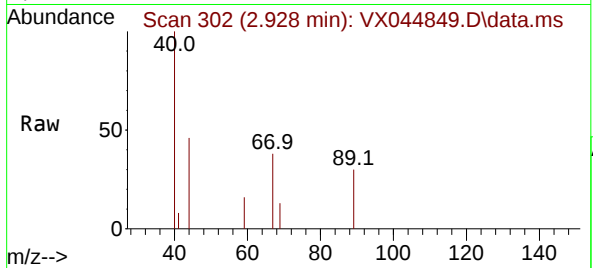




#11
Tert butyl alcohol
Concen: 0.526 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

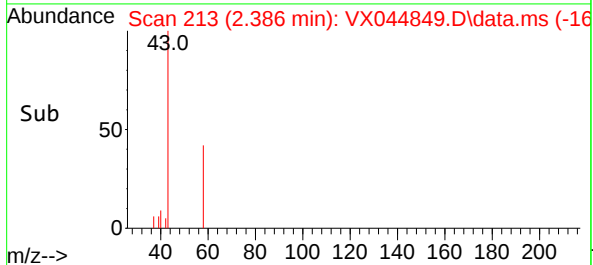
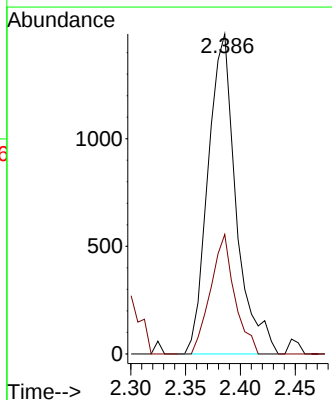
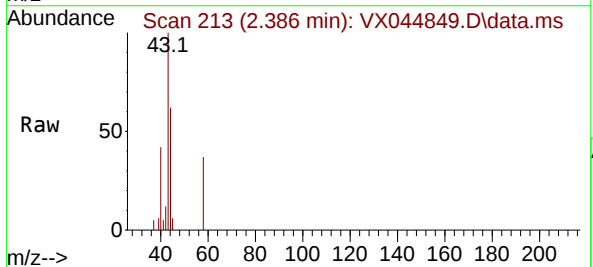
Instrument :
MSVOA_X
ClientSampleId :

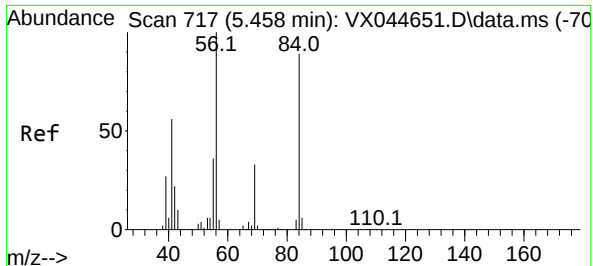
Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#



#16
Acetone
Concen: 4.512 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

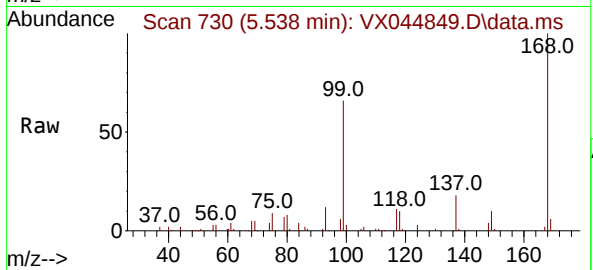
Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
58 37.3 24.6 37.0#



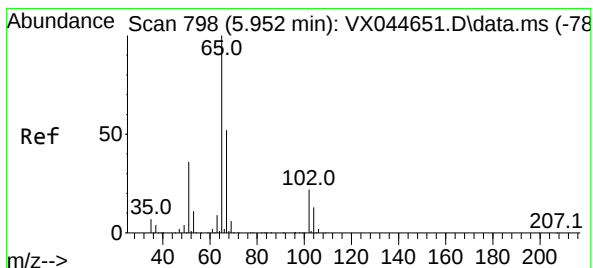
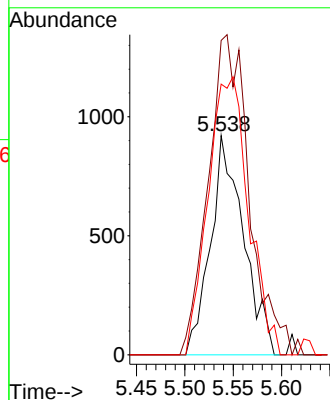
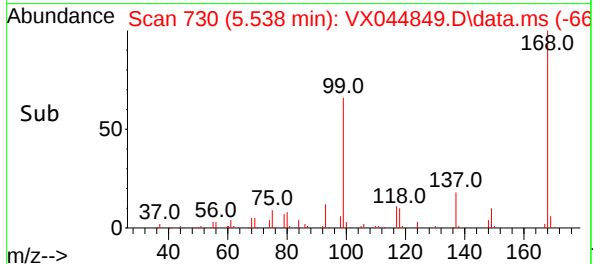


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :

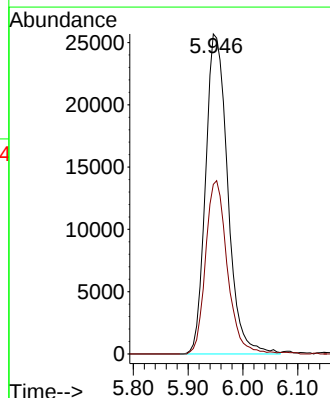
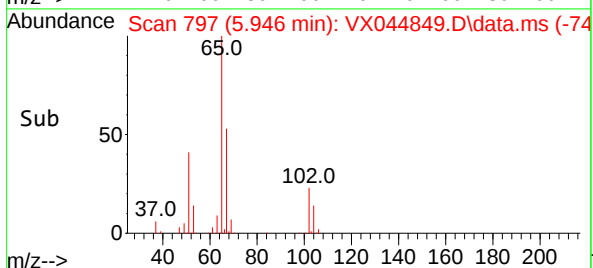
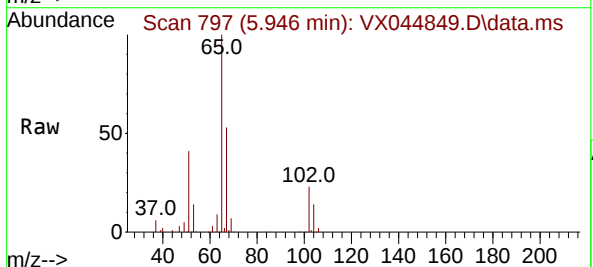


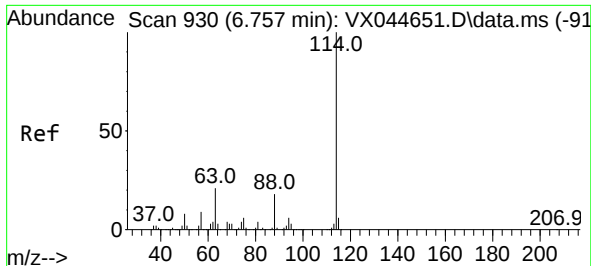
Tgt Ion: 56 Resp: 2178
Ion Ratio Lower Upper
56 100
69 143.4 26.8 40.2#
84 123.5 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 48.463 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

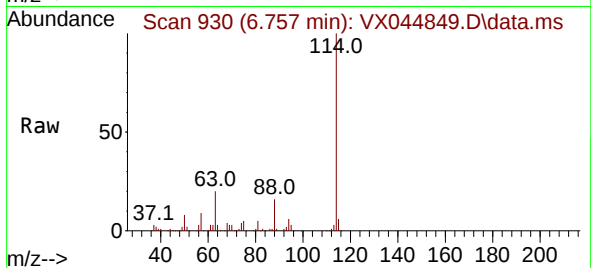
Tgt Ion: 65 Resp: 71921
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4



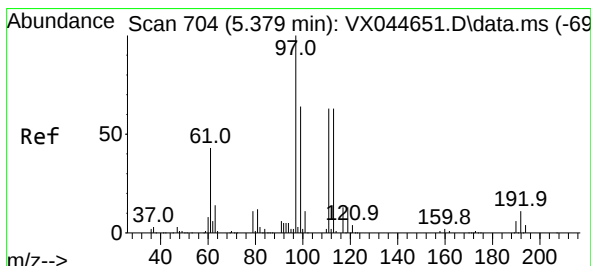
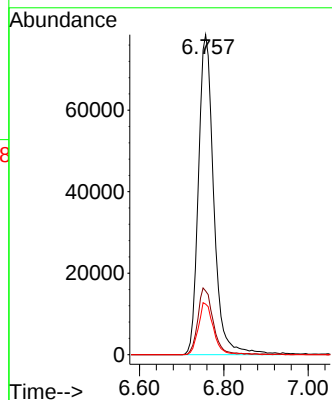
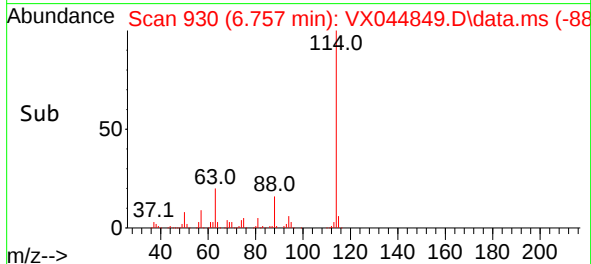


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044849.D
 Acq: 05 Feb 2025 17:22

Instrument :
 MSVOA_X
 ClientSampleId :

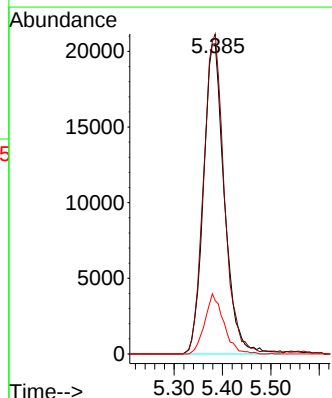
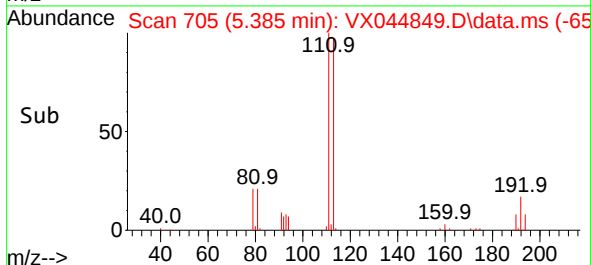
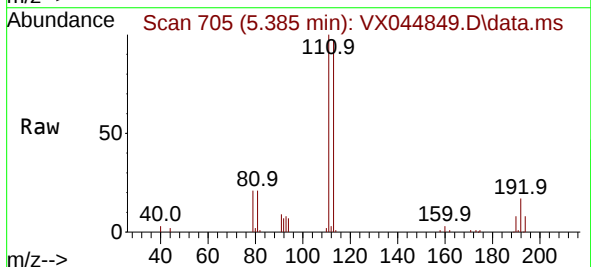


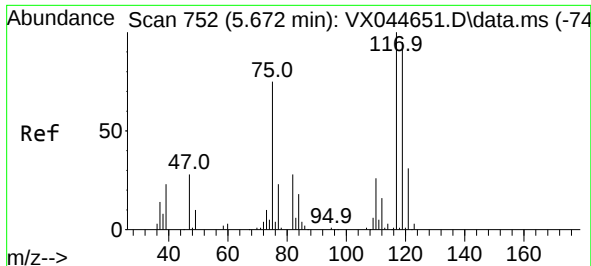
Tgt Ion:114 Resp: 198864
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.0
 88 15.8 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 48.700 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX044849.D
 Acq: 05 Feb 2025 17:22

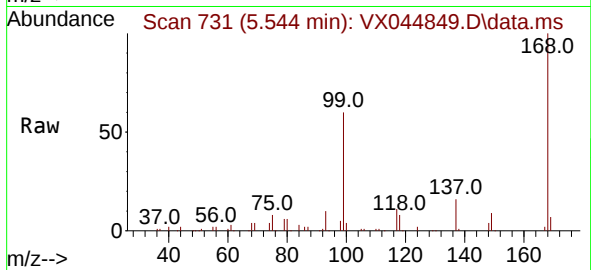
Tgt Ion:113 Resp: 61525
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 17.7 14.4 21.6



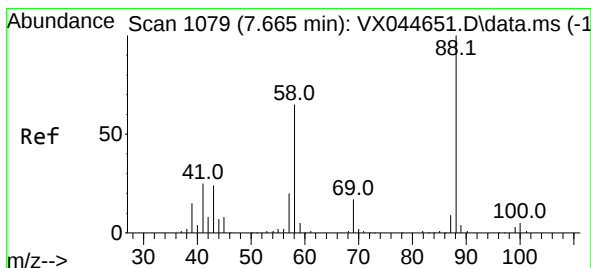
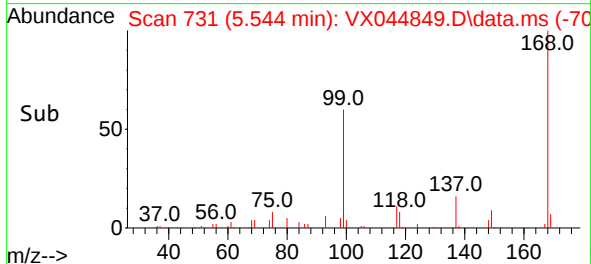
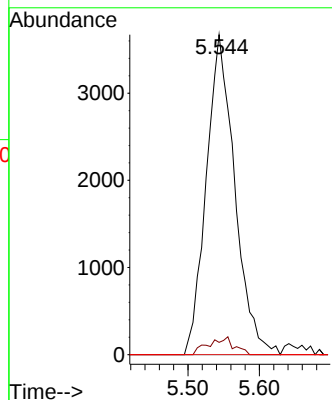


#38
Carbon Tetrachloride
Concen: 5.137 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :

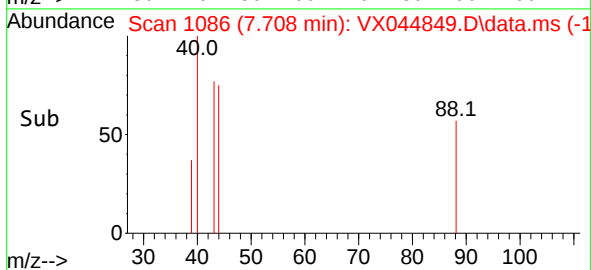
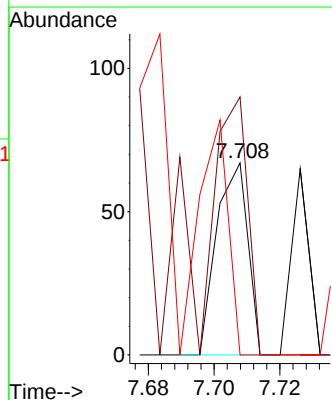
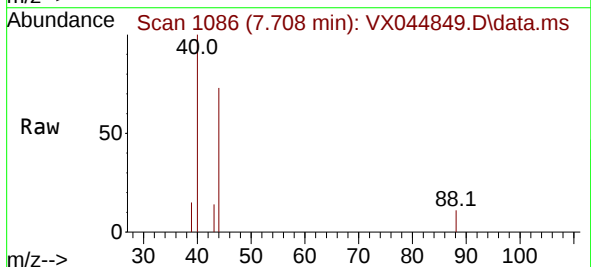


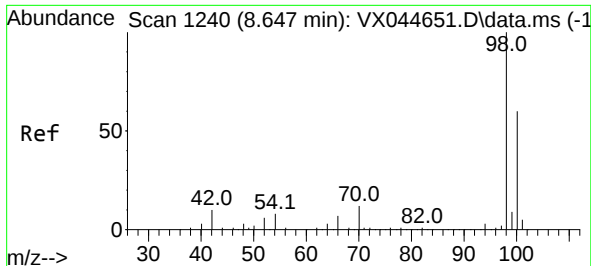
Tgt Ion:117 Resp: 10161
Ion Ratio Lower Upper
117 100
119 3.9 76.0 114.0#
121 0.0 24.6 36.8#



#49
1,4-Dioxane
Concen: 1.319 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.043 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 138.6 27.0 40.4#
58 0.0 55.8 83.8#

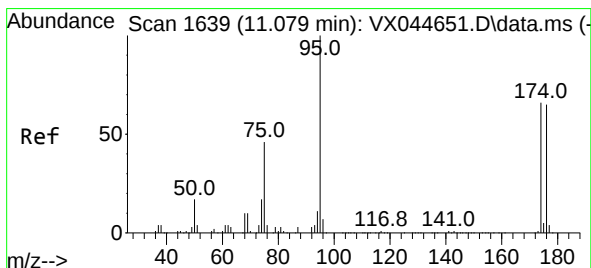
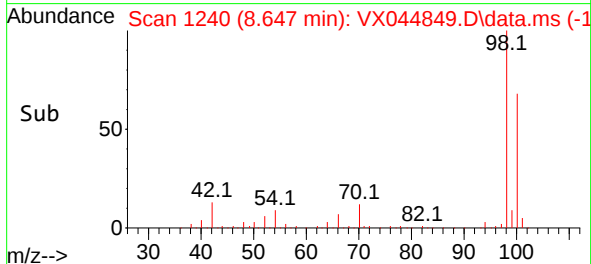
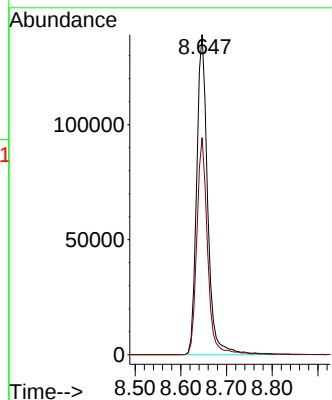
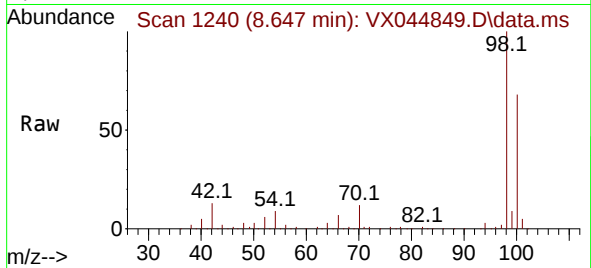




#50
Toluene-d8
Concen: 52.791 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

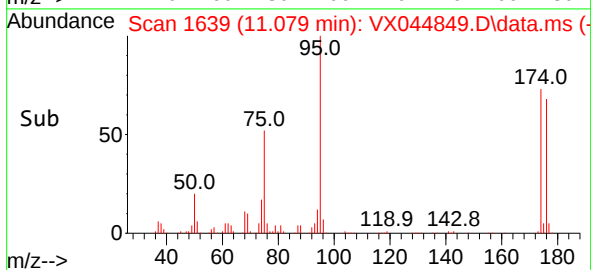
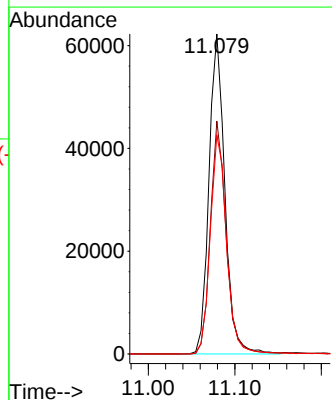
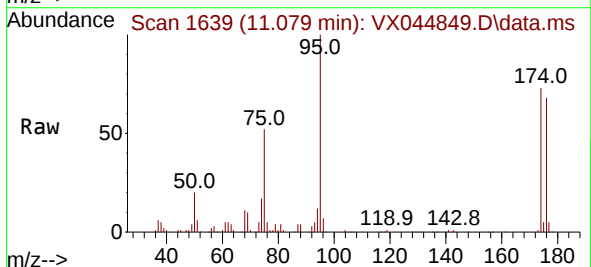
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MSVOA_X
ClientSampleId :

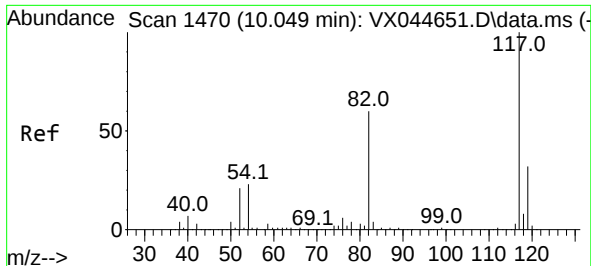
Tgt Ion: 98 Resp: 232547
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Tgt Ion: 95 Resp: 79214
Ion Ratio Lower Upper
95 100
174 72.7 0.0 133.0
176 70.5 0.0 129.4

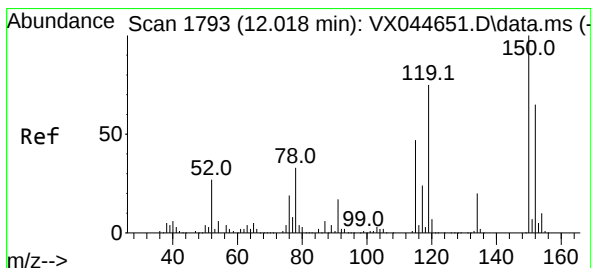
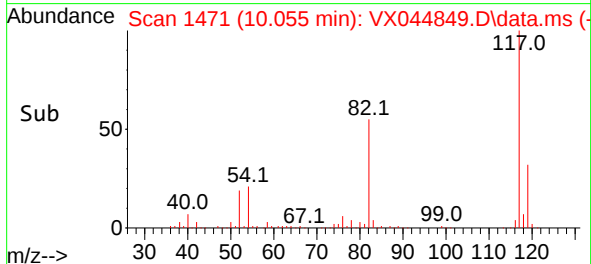
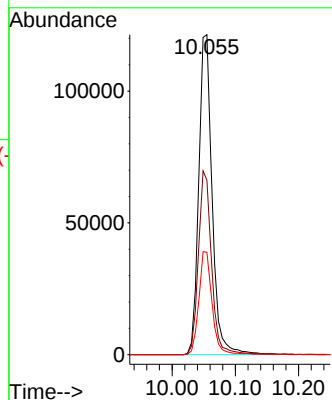
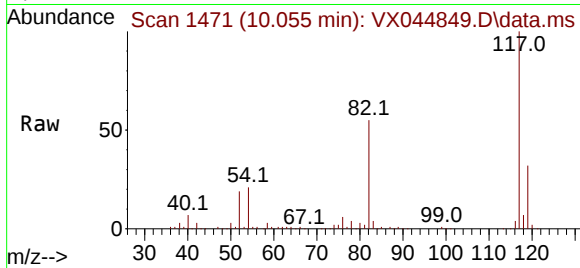




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

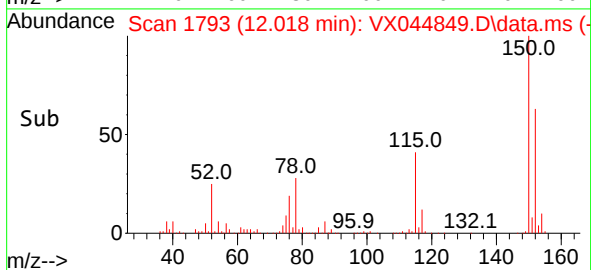
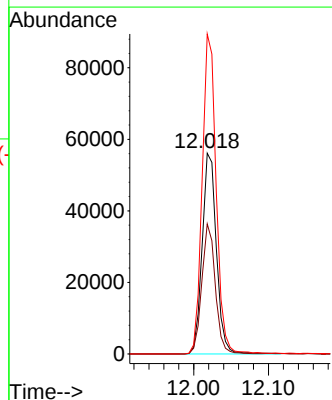
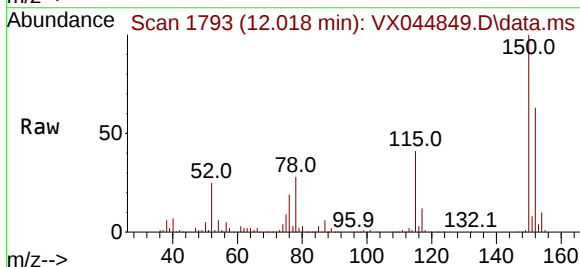
Instrument :
MSVOA_X
ClientSampleId :

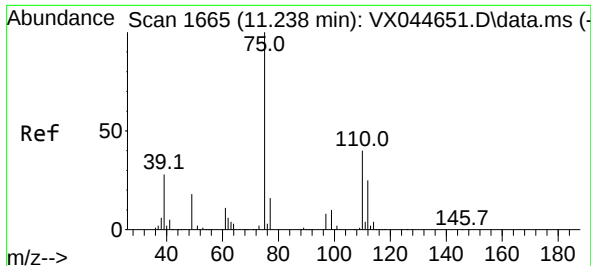
Tgt Ion:117 Resp: 179329
Ion Ratio Lower Upper
117 100
82 54.5 47.6 71.4
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Tgt Ion:152 Resp: 74477
Ion Ratio Lower Upper
152 100
115 61.2 43.8 131.4
150 156.2 0.0 347.8

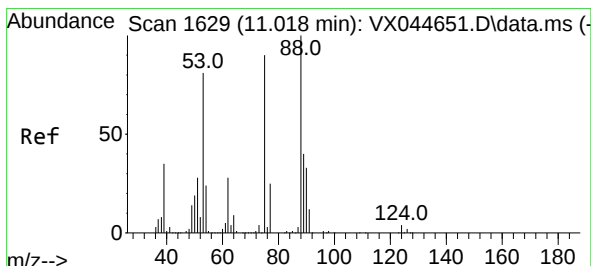
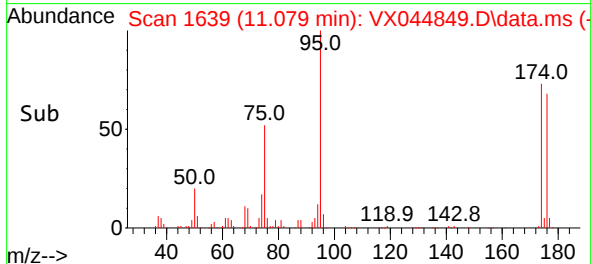
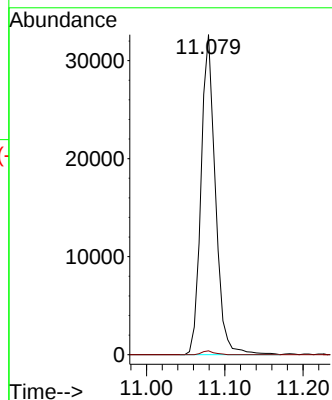
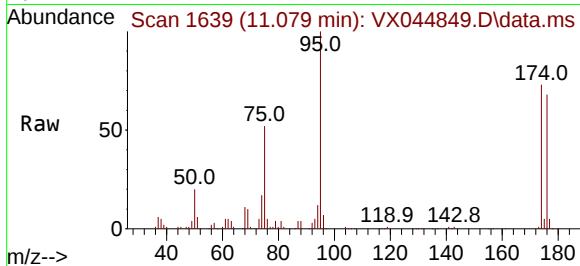




#76
1,2,3-Trichloropropane
Concen: 23.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41687
Ion Ratio Lower Upper
75 100
77 1.0 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044849.D
Acq: 05 Feb 2025 17:22

Tgt Ion: 75 Resp: 41687
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

