

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044629.D
 Acq On : 08 Jan 2025 15:36
 Operator : JC/MD
 Sample : Q1029-01ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 00:31:19 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)

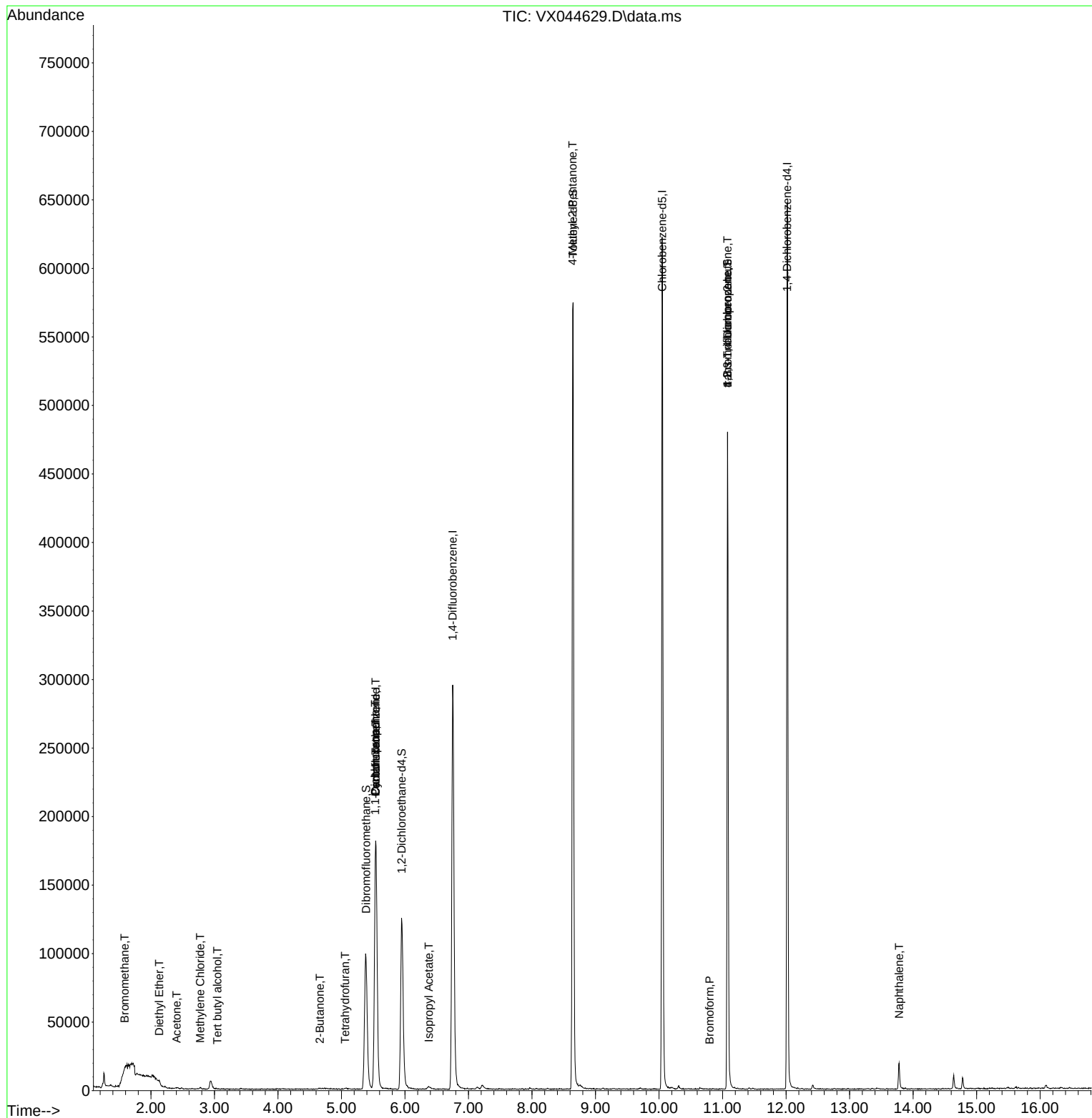
Internal Standards						
1) Pentafluorobenzene	5.538	168	162314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	298311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	124190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	131624	50.293	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.580%		
35) Dibromofluoromethane	5.385	113	85459	41.778	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 83.560%		
50) Toluene-d8	8.647	98	351788	50.347	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.700%		
62) 4-Bromofluorobenzene	11.079	95	128411	52.068	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.140%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	494	0.434	ug/l #	15
8) Diethyl Ether	2.130	74	996	0.862	ug/l #	40
11) Tert butyl alcohol	3.044	59	135	0.419	ug/l #	72
16) Acetone	2.404	43	1299	1.575	ug/l	97
20) Methylene Chloride	2.776	84	612	0.291	ug/l #	82
25) 2-Butanone	4.660	43	241	0.202	ug/l #	50
29) Tetrahydrofuran	5.056	42	493	0.605	ug/l #	57
31) Cyclohexane	5.538	56	4229	1.424	ug/l #	11
36) 1,1-Dichloropropene	5.531	75	14701	5.558	ug/l #	52
38) Carbon Tetrachloride	5.538	117	18350	6.253	ug/l #	19
43) Isopropyl Acetate	6.373	43	1172	0.263	ug/l #	63
51) 4-Methyl-2-Pentanone	8.641	43	1719	0.659	ug/l #	1
71) Bromoform	10.799	173	56	0.653	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	72214	29.007	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	72214	88.298	ug/l #	4
95) Naphthalene	13.780	128	13699	1.768	ug/l #	95

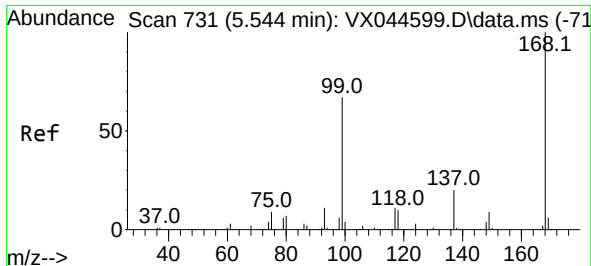
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
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Sample : Q1029-01ME
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

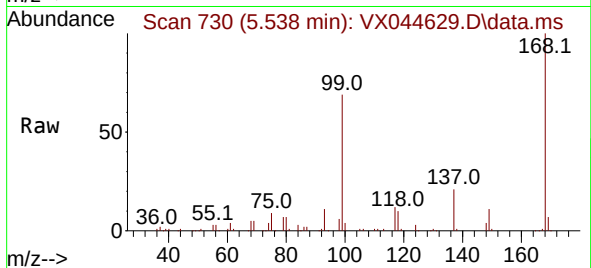
Quant Time: Jan 09 00:31:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration



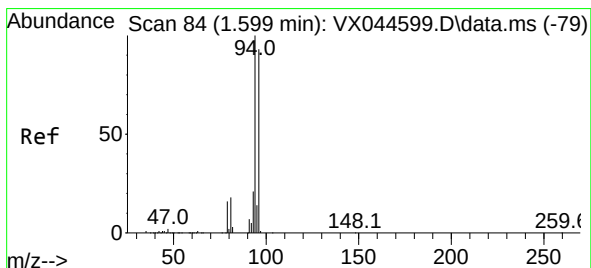
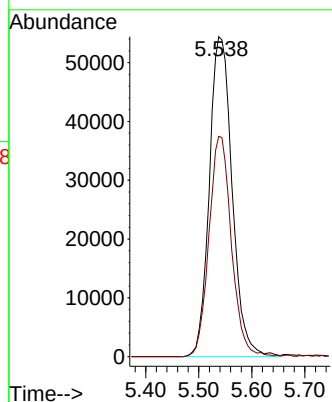
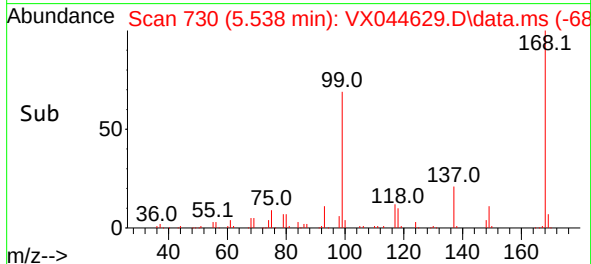


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :

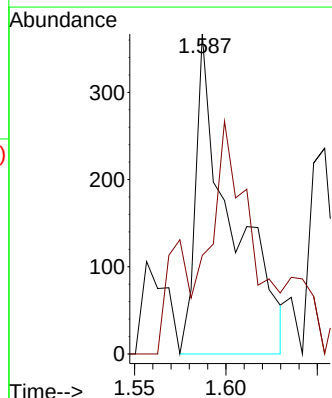
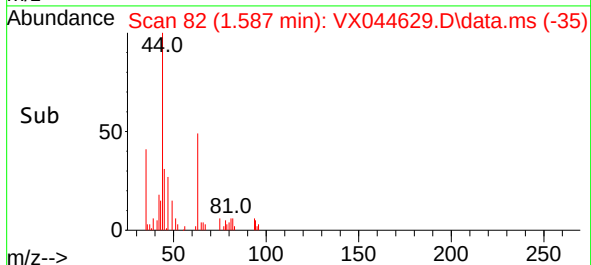
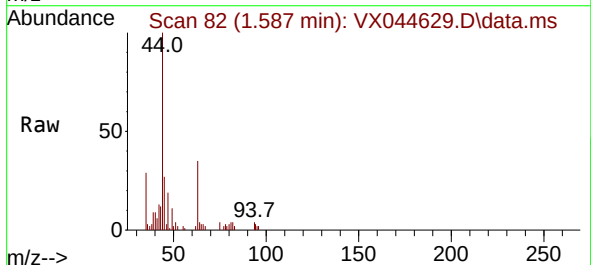


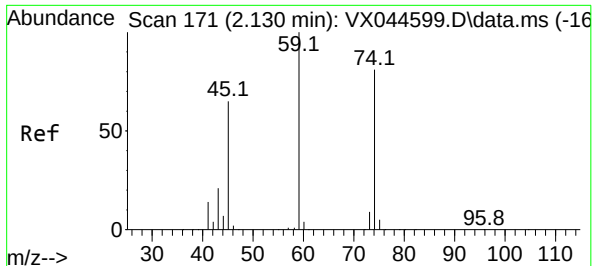
Tgt Ion:168 Resp: 162314
Ion Ratio Lower Upper
168 100
99 68.9 53.5 80.3



#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

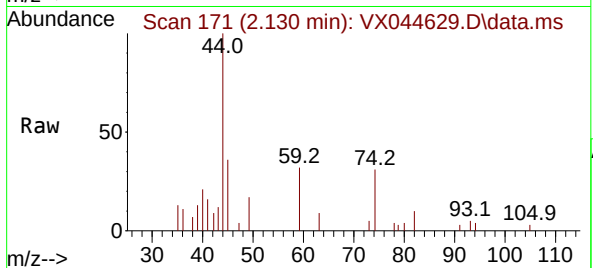
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 11.7 74.6 112.0#



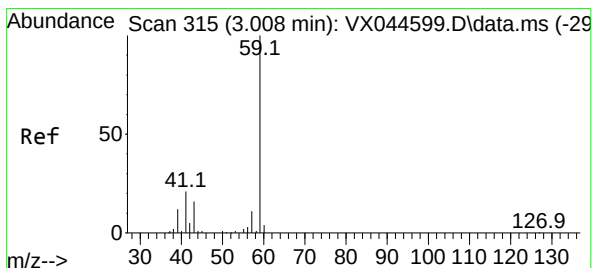
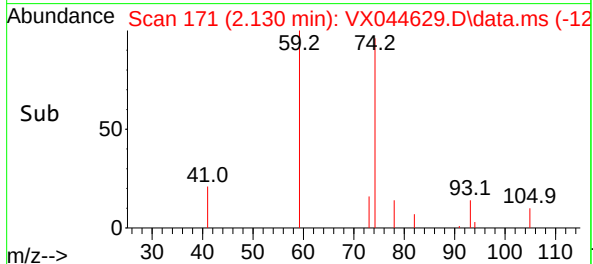
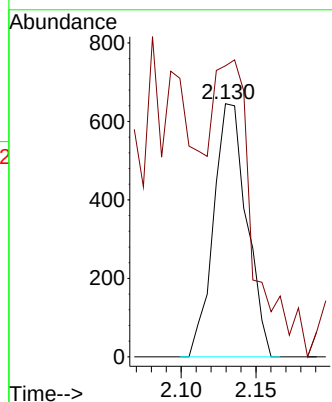


#8
Diethyl Ether
Concen: 0.862 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :

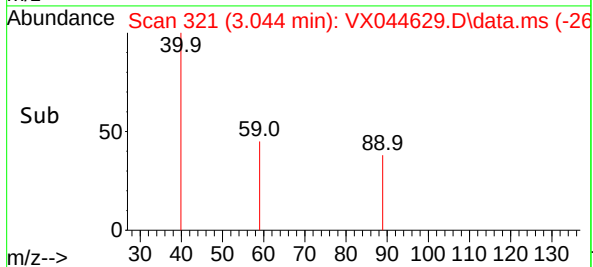
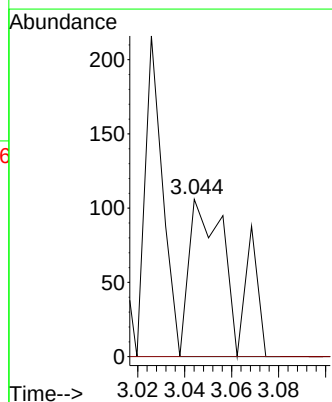
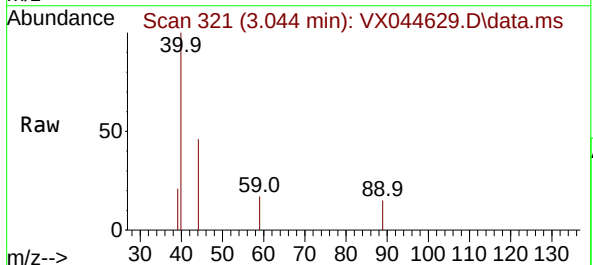


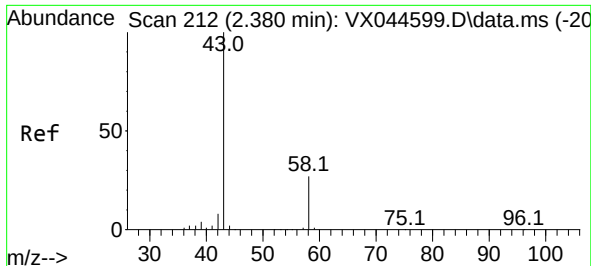
Tgt Ion: 74 Resp: 996
Ion Ratio Lower Upper
74 100
45 137.4 41.7 125.1#



#11
Tert butyl alcohol
Concen: 0.419 ug/l
RT: 3.044 min Scan# 321
Delta R.T. 0.036 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

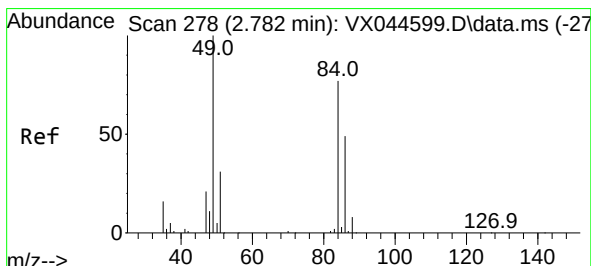
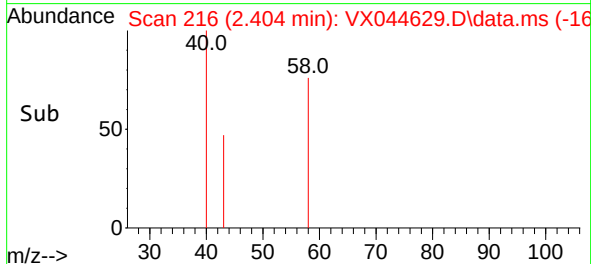
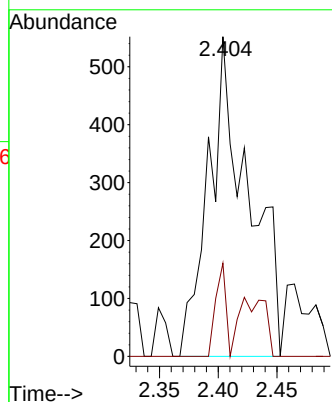
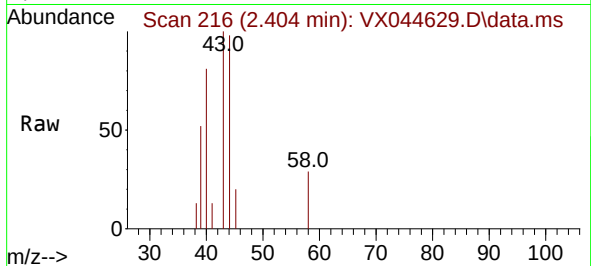




#16
Acetone
Concen: 1.575 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

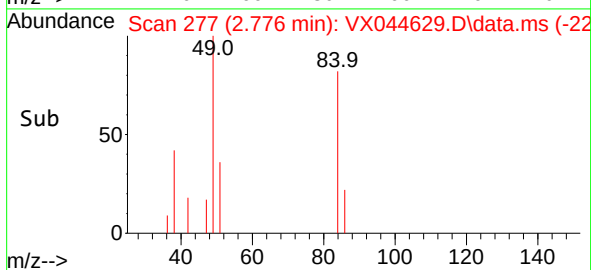
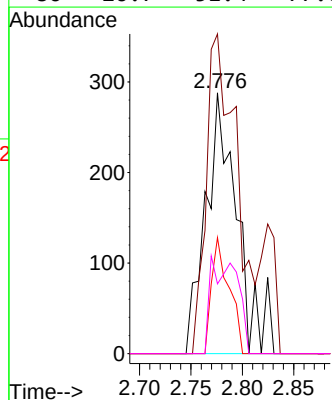
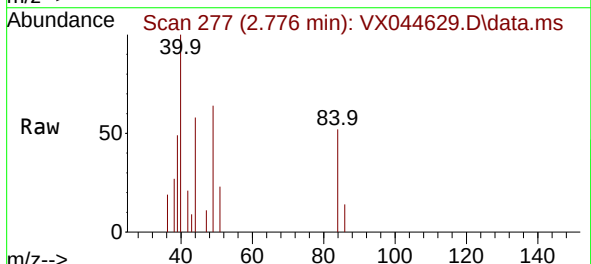
Instrument :
MSVOA_X
ClientSampleId :

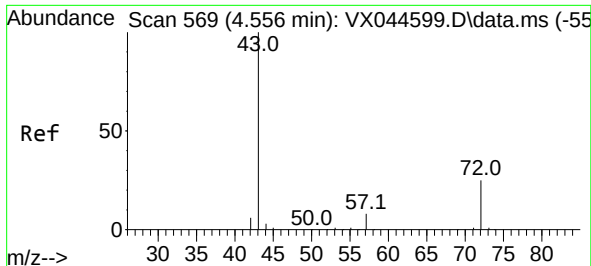
Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
58 29.2 22.0 33.0



#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Tgt Ion: 84 Resp: 612
Ion Ratio Lower Upper
84 100
49 122.6 104.4 156.6
51 44.4 32.0 48.0
86 26.7 51.4 77.0#

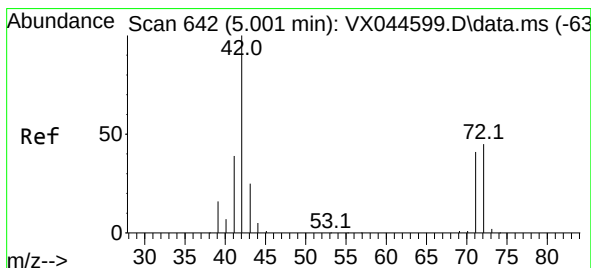
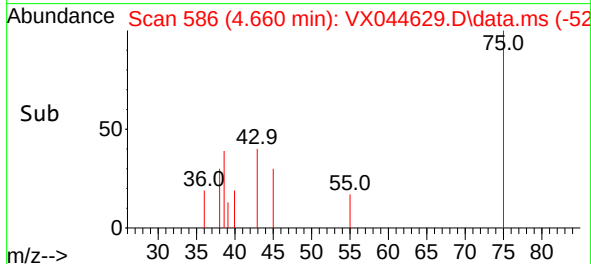
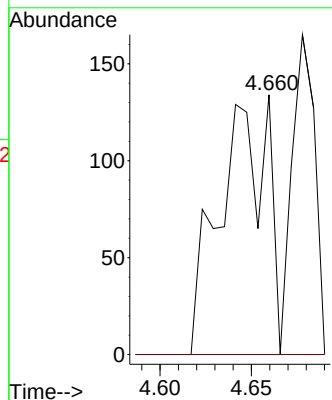
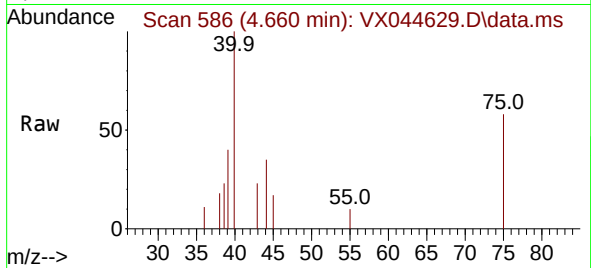




#25
2-Butanone
Concen: 0.202 ug/l
RT: 4.660 min Scan# 51
Delta R.T. 0.104 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

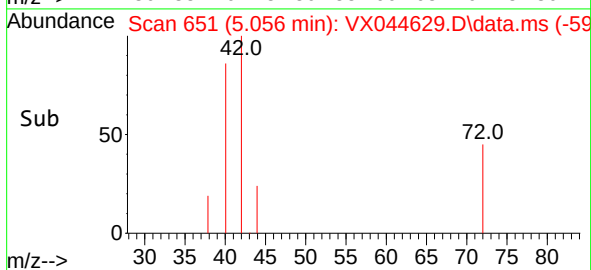
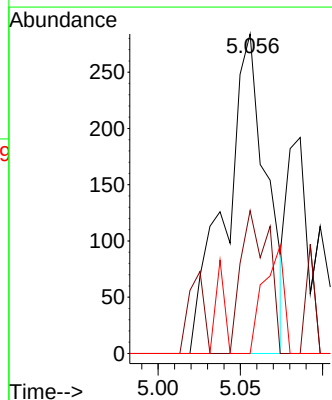
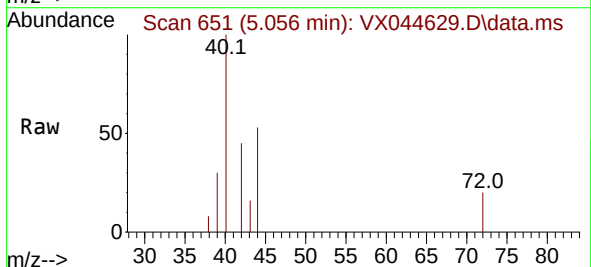
Instrument :
MSVOA_X
ClientSampleId :

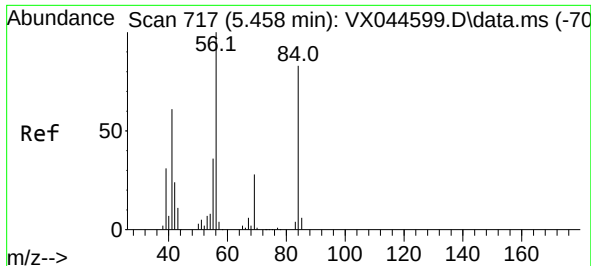
Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.605 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.055 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

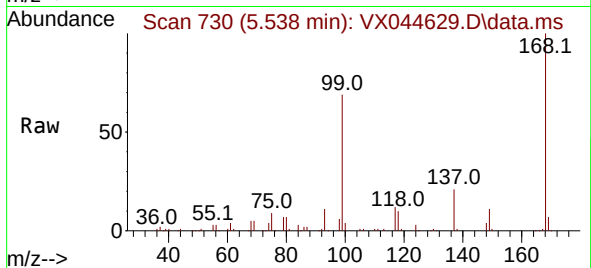
Tgt Ion: 42 Resp: 493
Ion Ratio Lower Upper
42 100
72 30.0 36.1 54.1#
71 0.0 33.0 49.6#



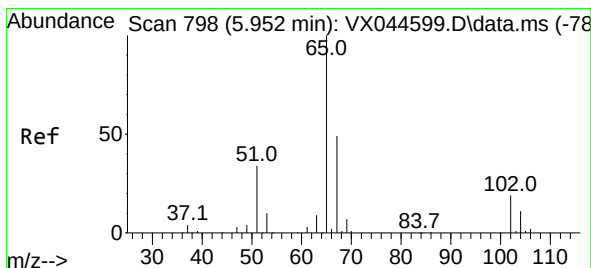
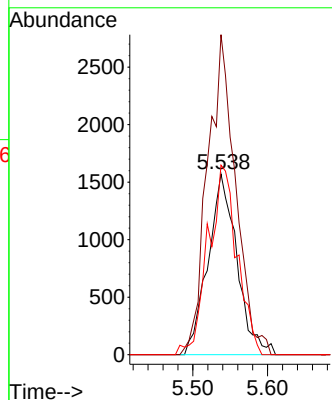
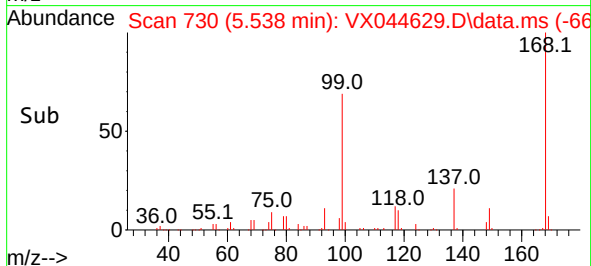


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :

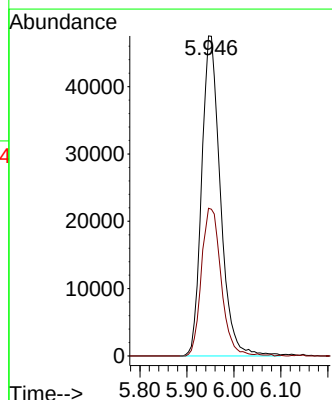
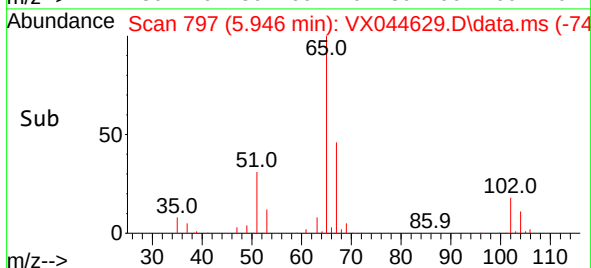
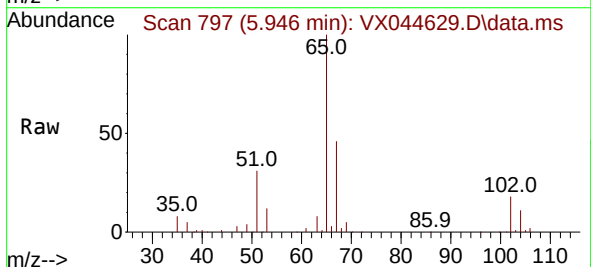


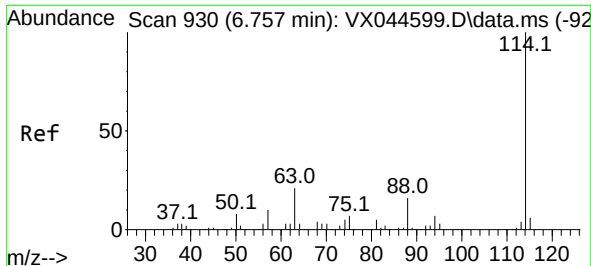
Tgt Ion: 56 Resp: 4229
Ion Ratio Lower Upper
56 100
69 177.1 22.2 33.4#
84 104.9 66.6 100.0#



#33
1,2-Dichloroethane-d4
Concen: 50.293 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Tgt Ion: 65 Resp: 131624
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

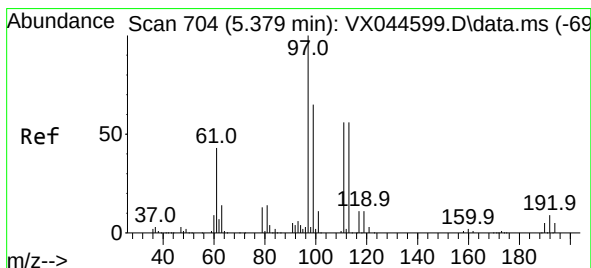
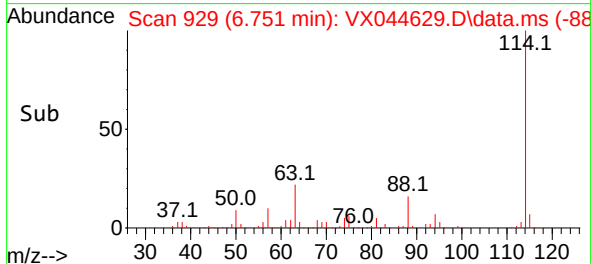
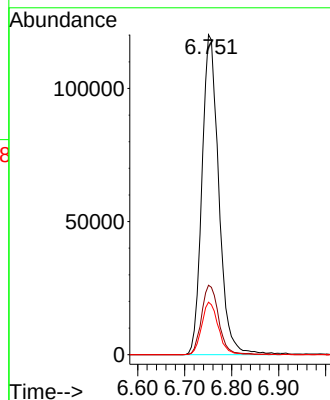
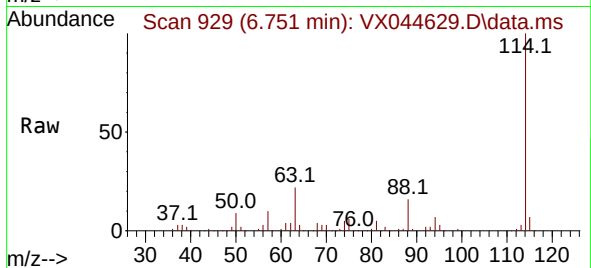




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

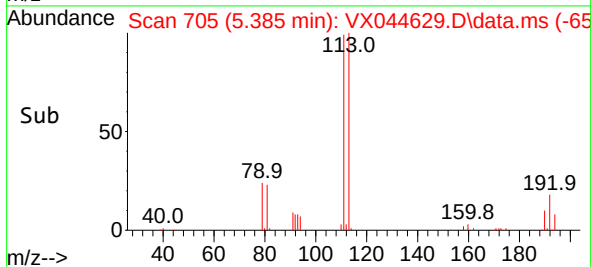
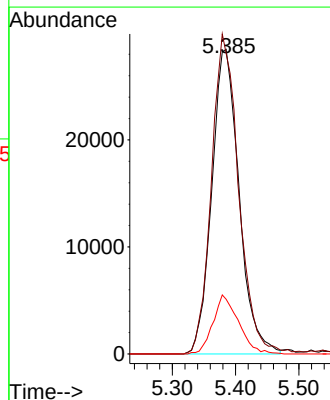
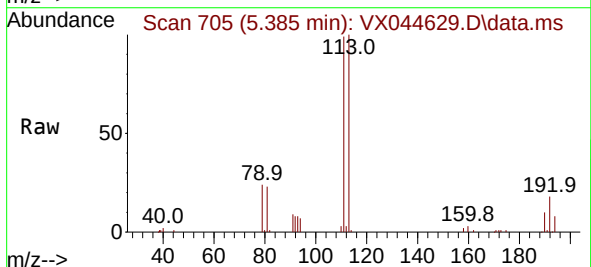
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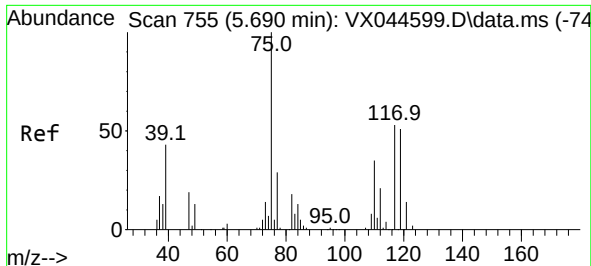
Tgt Ion:114 Resp: 298311
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.6
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 41.778 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Tgt Ion:113 Resp: 85459
Ion Ratio Lower Upper
113 100
111 104.6 83.3 124.9
192 18.1 14.3 21.5

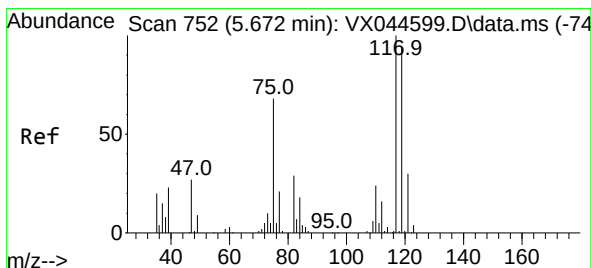
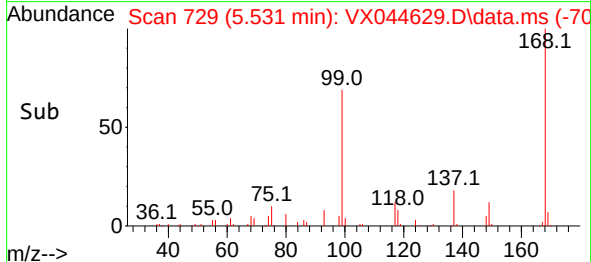
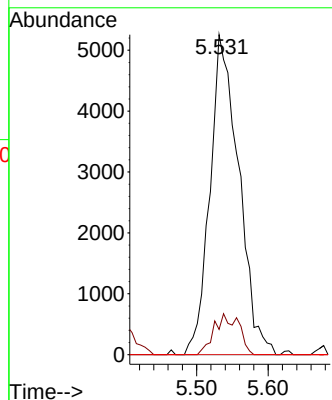
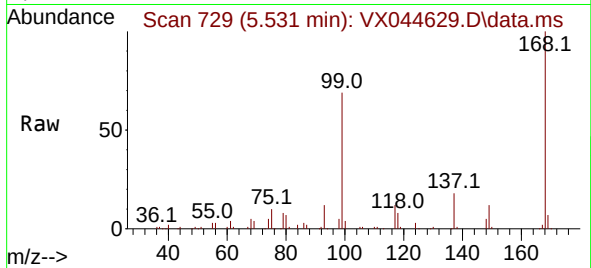




#36
1,1-Dichloropropene
Concen: 5.558 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.159 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

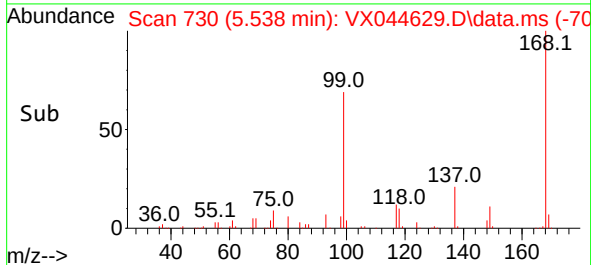
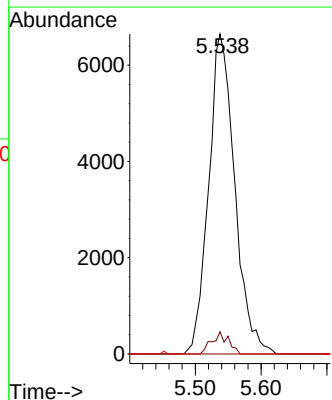
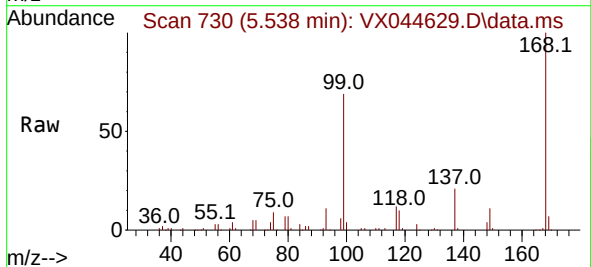
Instrument :
MSVOA_X
ClientSampleId :

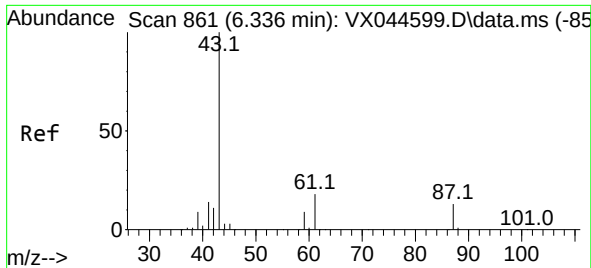
Tgt Ion: 75 Resp: 14701
Ion Ratio Lower Upper
75 100
110 10.9 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Tgt Ion: 117 Resp: 18350
Ion Ratio Lower Upper
117 100
119 6.9 74.5 111.7#
121 0.0 24.1 36.1#

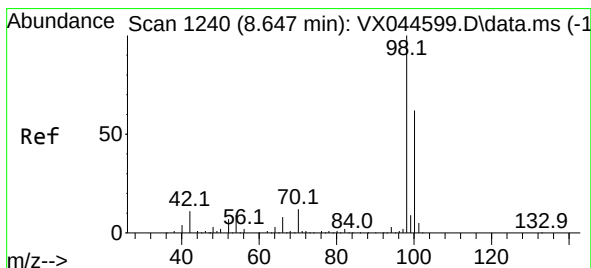
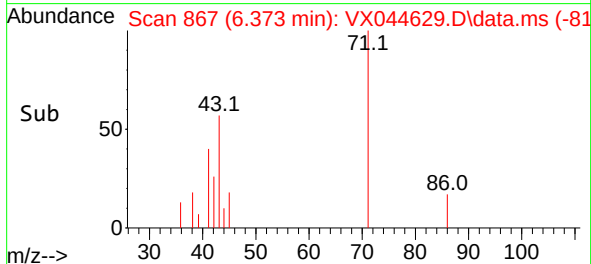
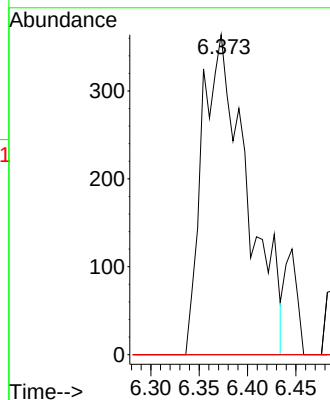
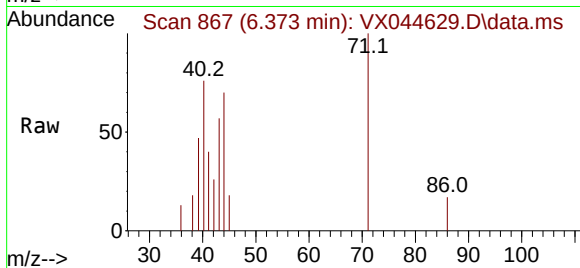




#43
Isopropyl Acetate
Concen: 0.263 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.036 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

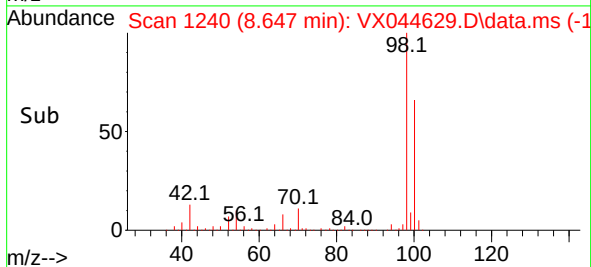
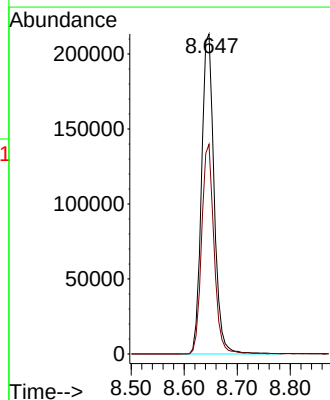
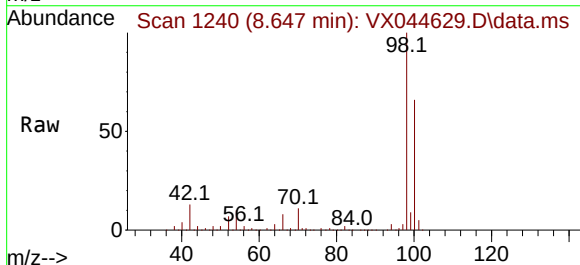
Instrument :
MSVOA_X
ClientSampleId :

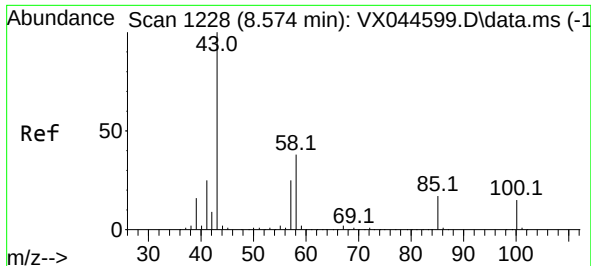
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
61 0.0 14.5 21.7#
87 0.0 10.1 15.1#



#50
Toluene-d8
Concen: 50.347 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Tgt Ion: 98 Resp: 351788
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

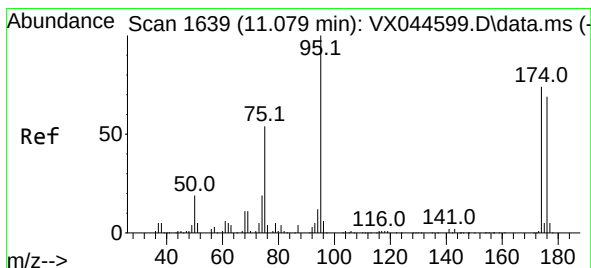
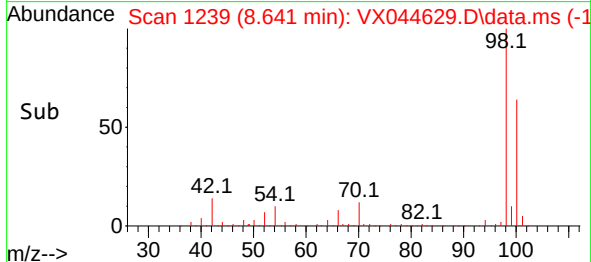
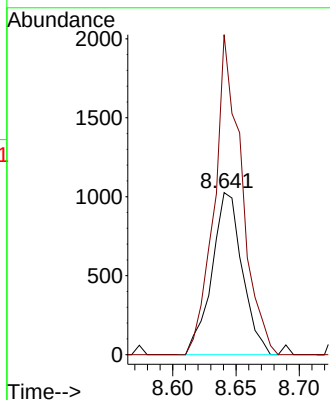
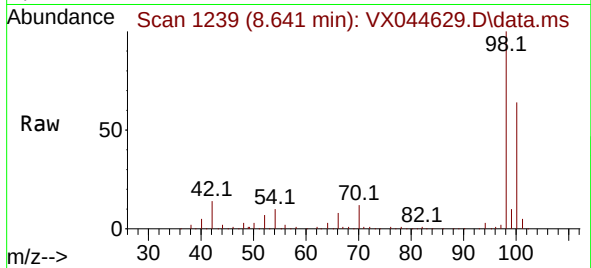




#51
 4-Methyl-2-Pentanone
 Concen: 0.659 ug/l
 RT: 8.641 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX044629.D
 Acq: 08 Jan 2025 15:36

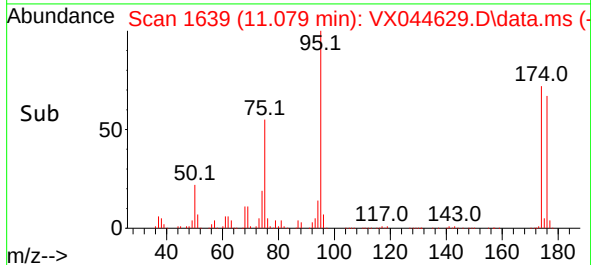
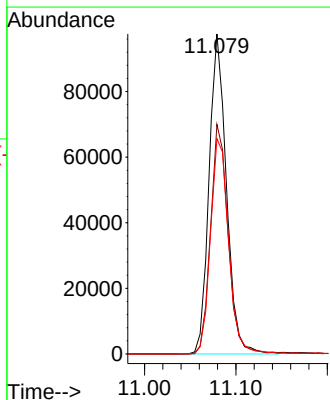
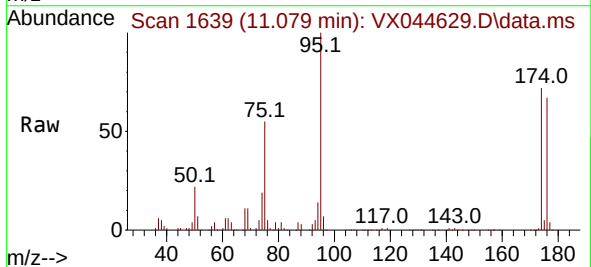
Instrument :
 MSVOA_X
 ClientSampleId :

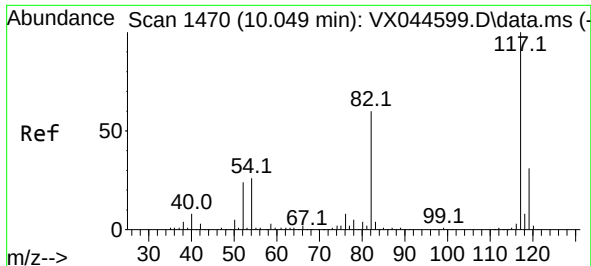
Tgt Ion: 43 Resp: 1719
 Ion Ratio Lower Upper
 43 100
 58 177.1 30.0 45.0#



#62
 4-Bromofluorobenzene
 Concen: 52.068 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX044629.D
 Acq: 08 Jan 2025 15:36

Tgt Ion: 95 Resp: 128411
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 148.8
 176 70.2 0.0 139.8

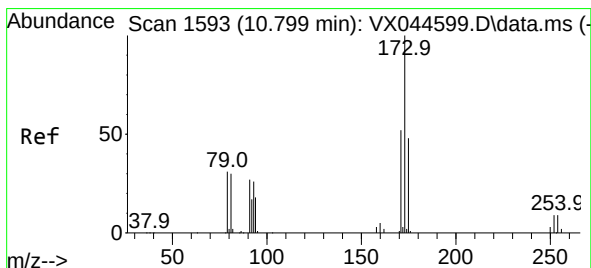
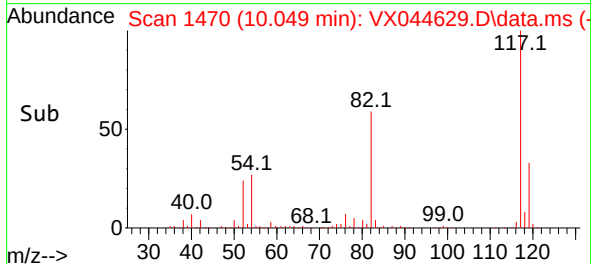
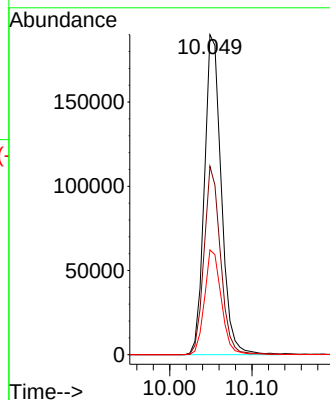
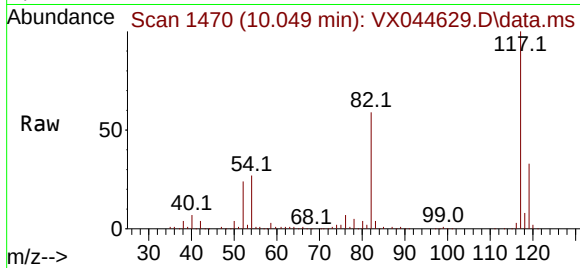




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

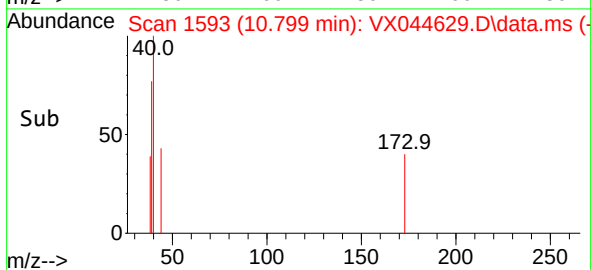
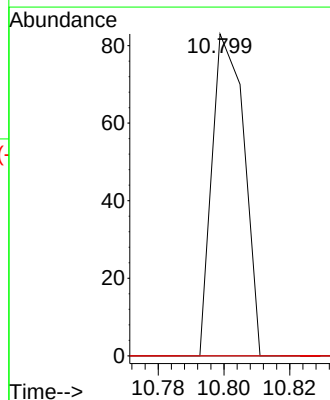
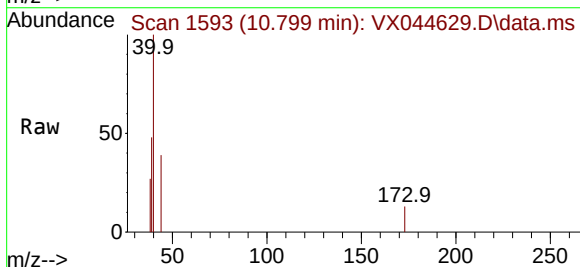
Instrument :
MSVOA_X
ClientSampleId :

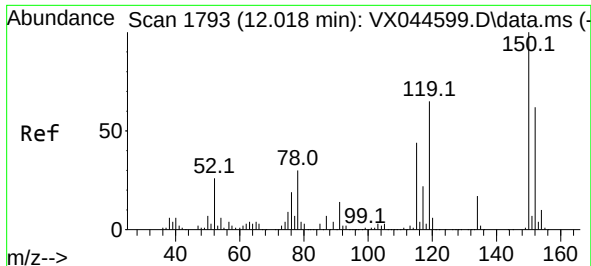
Tgt Ion:117 Resp: 272158
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.6
119 32.8 25.0 37.6



#71
Bromoform
Concen: 0.653 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

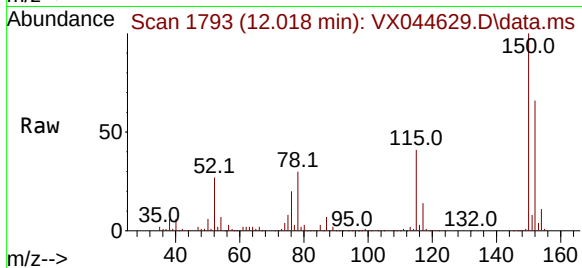
Tgt Ion:173 Resp: 56
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



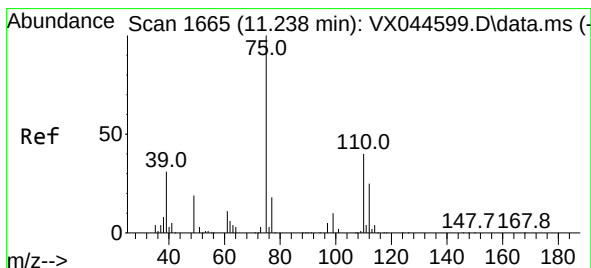
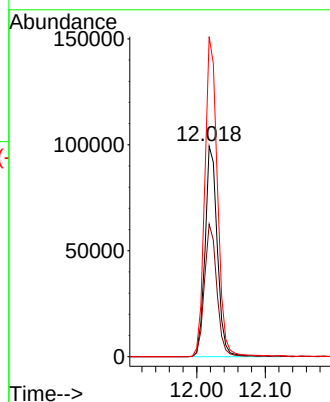
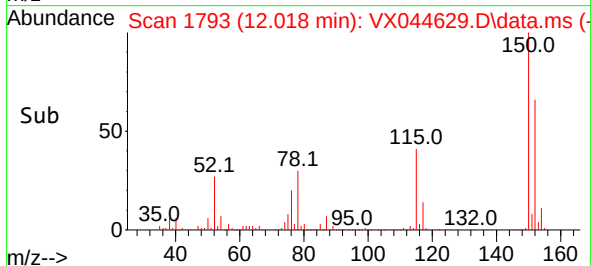


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044629.D
 Acq: 08 Jan 2025 15:36

Instrument :
 MSVOA_X
 ClientSampleId :

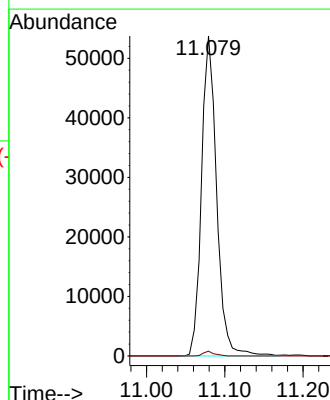
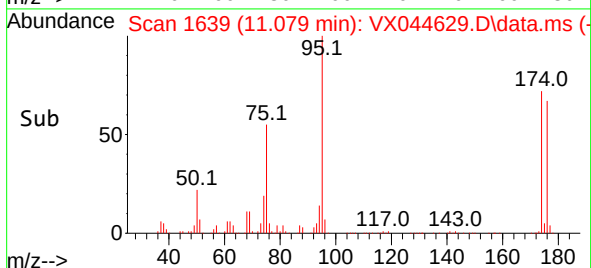
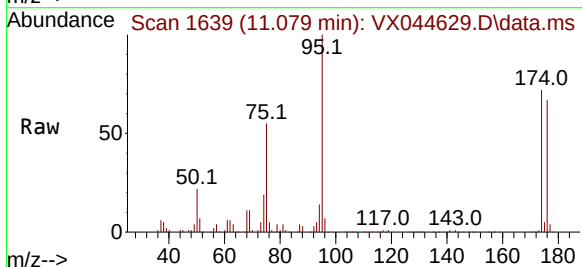


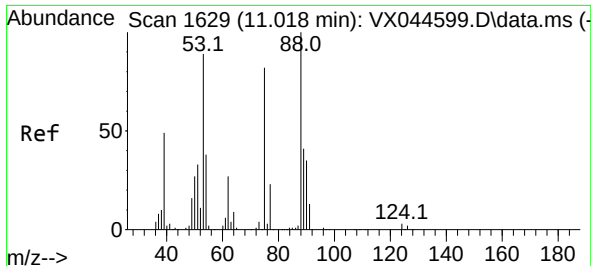
Tgt Ion:152 Resp: 124190
 Ion Ratio Lower Upper
 152 100
 115 63.7 44.4 133.1
 150 156.4 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 29.007 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044629.D
 Acq: 08 Jan 2025 15:36

Tgt Ion: 75 Resp: 72214
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.1 63.1#

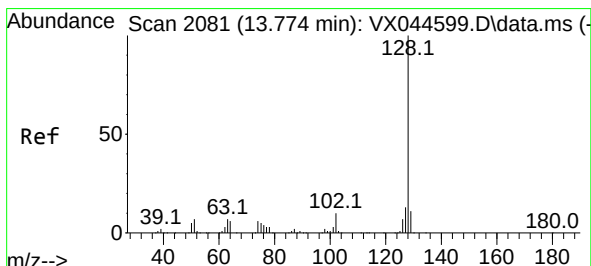
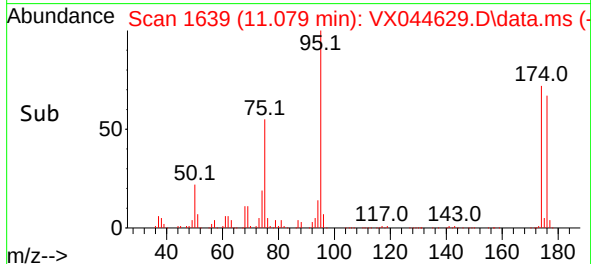
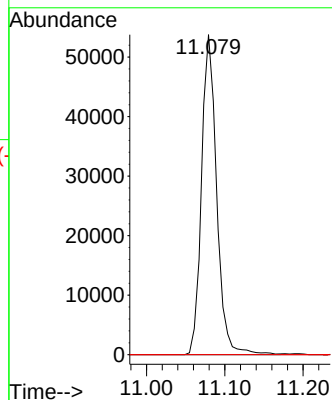
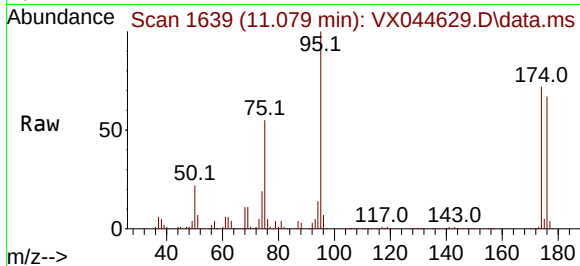




#81
trans-1,4-Dichloro-2-butene
Concen: 88.298 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 72214
Ion Ratio Lower Upper
75 100
53 0.0 92.7 139.1#
89 0.0 38.3 57.5#



#95
Naphthalene
Concen: 1.768 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044629.D
Acq: 08 Jan 2025 15:36

Tgt Ion:128 Resp: 13699
Ion Ratio Lower Upper
128 100
127 11.4 10.5 15.7
129 13.2 8.6 13.0#

