

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046454.D
 Acq On : 02 Jun 2025 19:06
 Operator : JC/MD
 Sample : Q2177-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB05312025

Quant Time: Jun 03 01:36:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

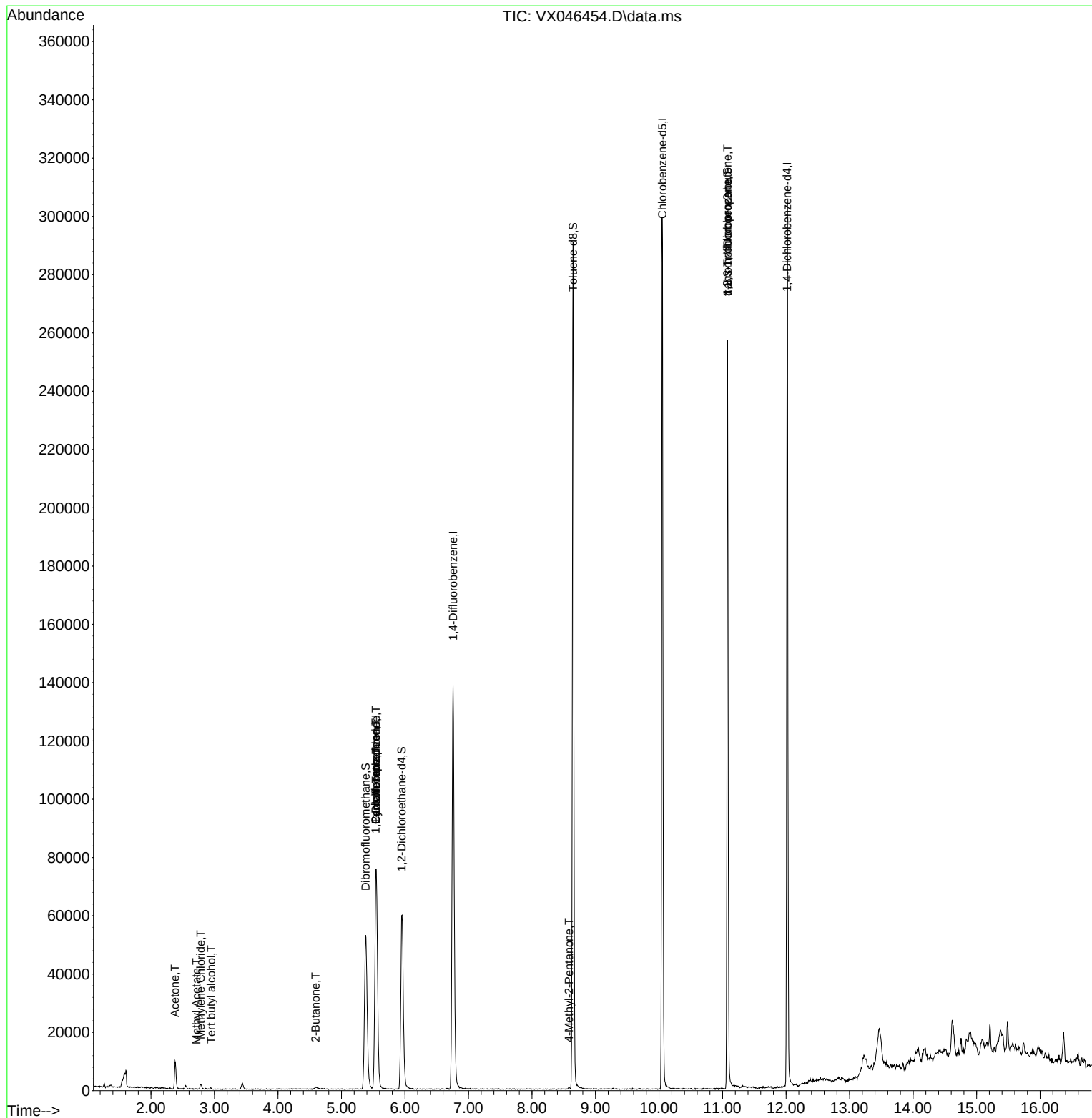
Internal Standards						
1) Pentafluorobenzene	5.544	168	65892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63761	51.904	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.800%	
35) Dibromofluoromethane	5.379	113	46419	49.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.180%	
50) Toluene-d8	8.647	98	164764	50.340	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.079	95	66656	53.092	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	89	0.516	ug/l #	72
16) Acetone	2.380	43	10525	21.369	ug/l	98
18) Methyl Acetate	2.715	43	240	0.210	ug/l #	55
20) Methylene Chloride	2.782	84	858	0.909	ug/l	84
25) 2-Butanone	4.593	43	1719	2.404	ug/l	91
31) Cyclohexane	5.544	56	1998	1.365	ug/l #	42
36) 1,1-Dichloropropene	5.538	75	6458	5.083	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7711	5.401	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	557	0.350	ug/l #	66
76) 1,2,3-Trichloropropane	11.079	75	37861	28.161	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37861	91.683	ug/l #	1

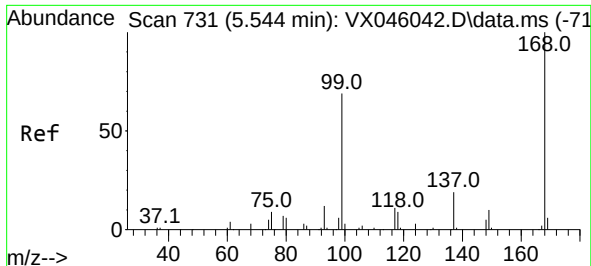
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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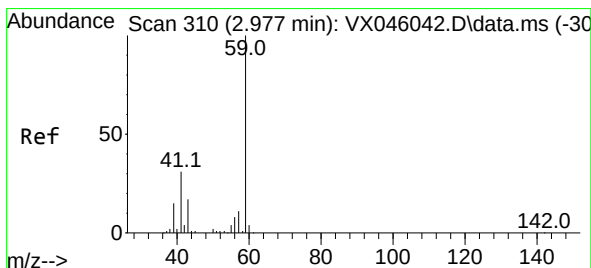
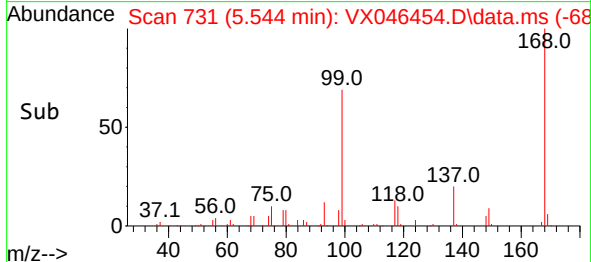
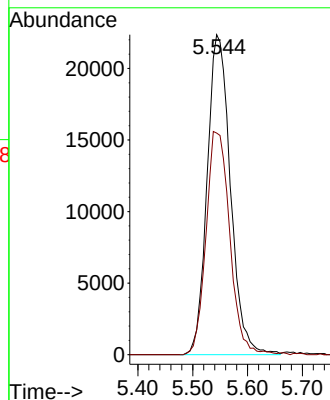
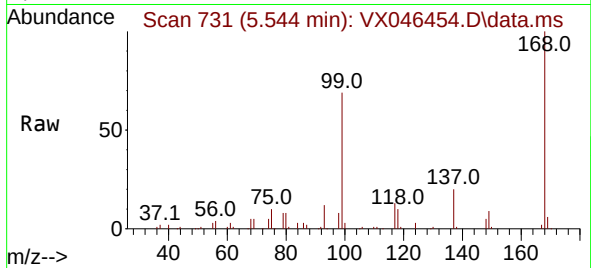




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

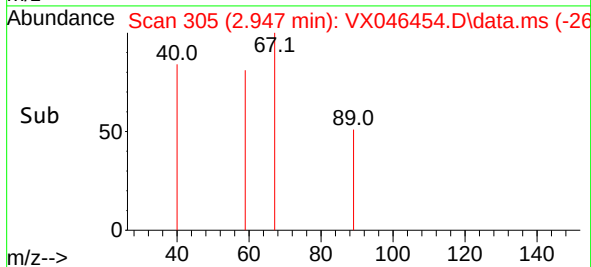
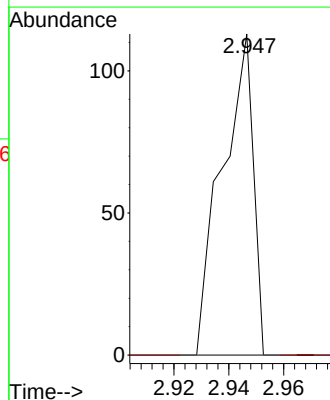
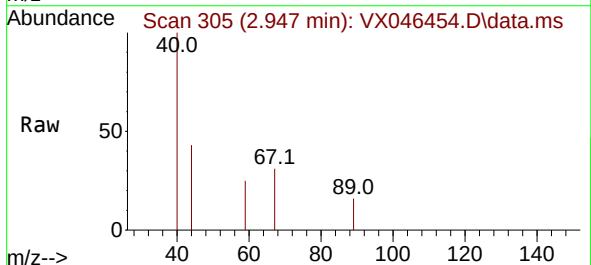
Instrument :
MSVOA_X
ClientSampleId :
EB05312025

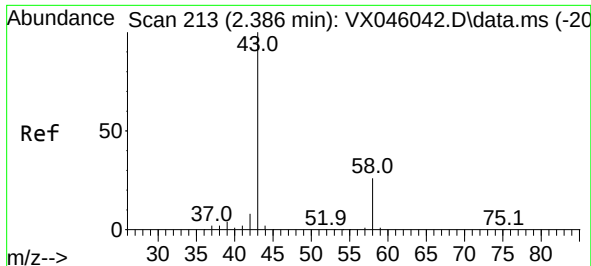
Tgt Ion:168 Resp: 65892
Ion Ratio Lower Upper
168 100
99 69.3 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.516 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

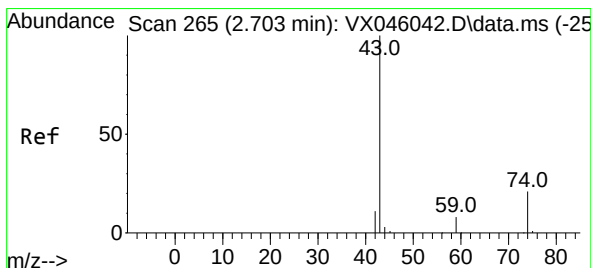
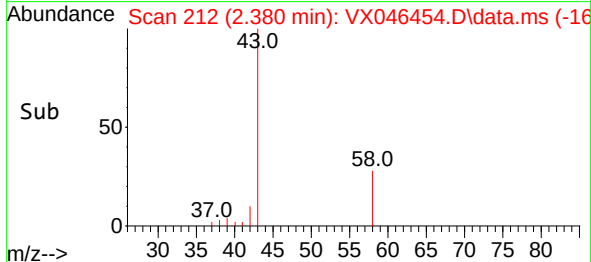
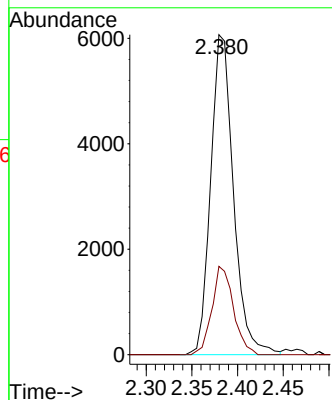
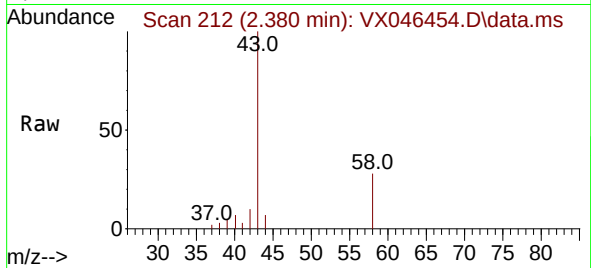




#16
Acetone
Concen: 21.369 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

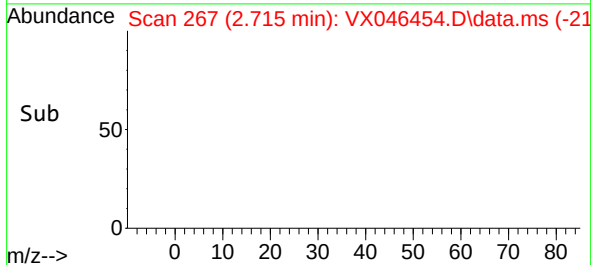
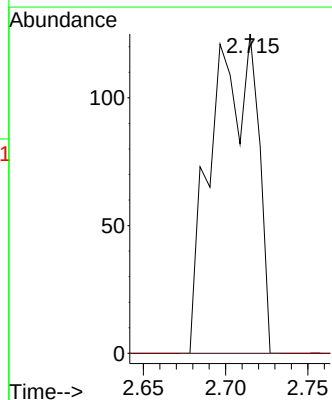
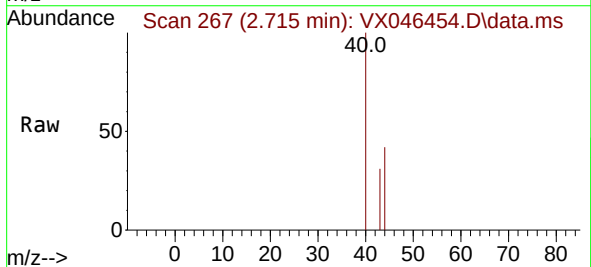
Instrument :
MSVOA_X
ClientSampleId :
EB05312025

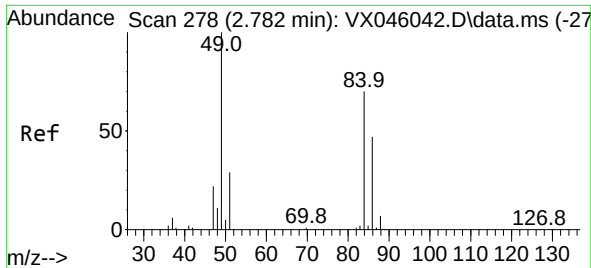
Tgt Ion: 43 Resp: 10525
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

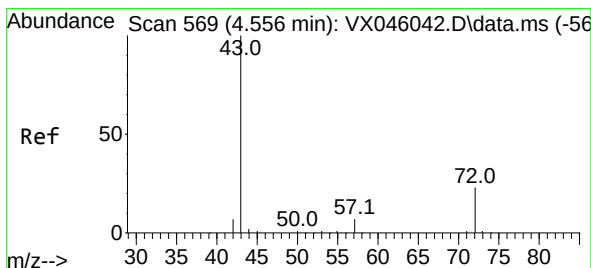
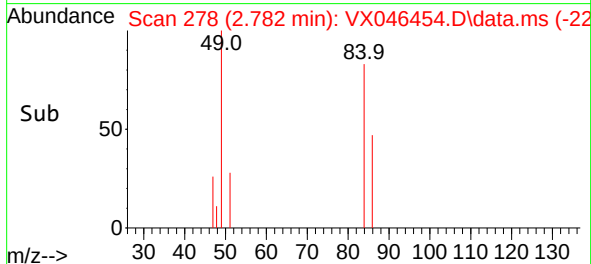
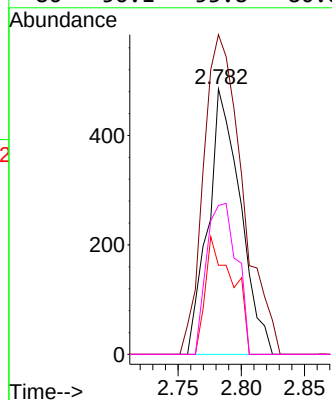
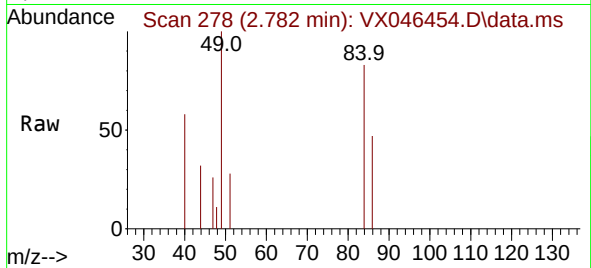




#20
Methylene Chloride
Concen: 0.909 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

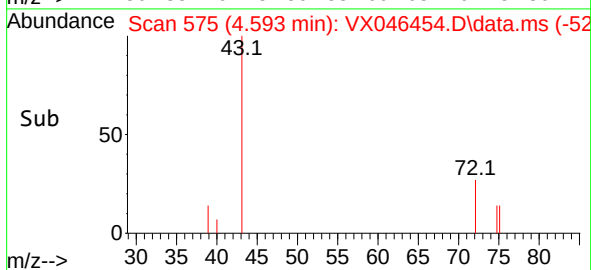
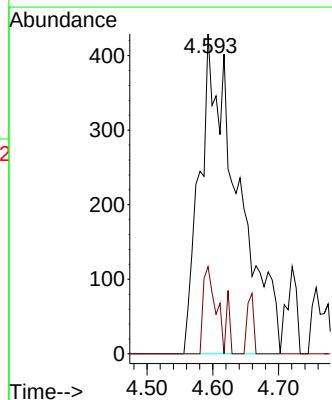
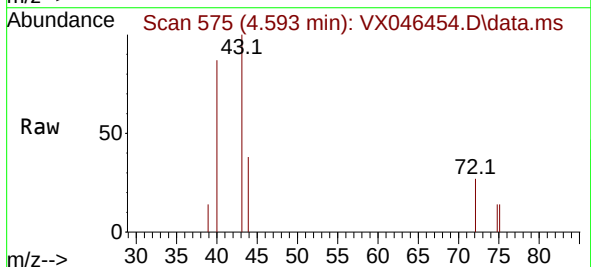
Instrument :
MSVOA_X
ClientSampleId :
EB05312025

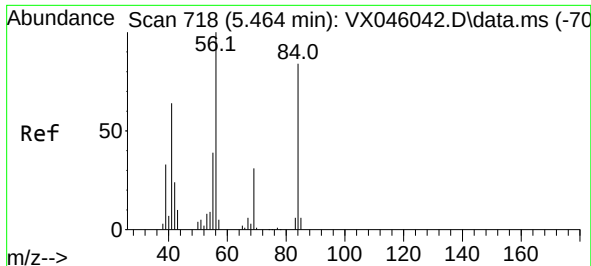
Tgt Ion:	84	Resp:	858
Ion	Ratio	Lower	Upper
84	100		
49	120.4	113.9	170.9
51	33.6	33.5	50.3
86	56.1	53.8	80.8



#25
2-Butanone
Concen: 2.404 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.036 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

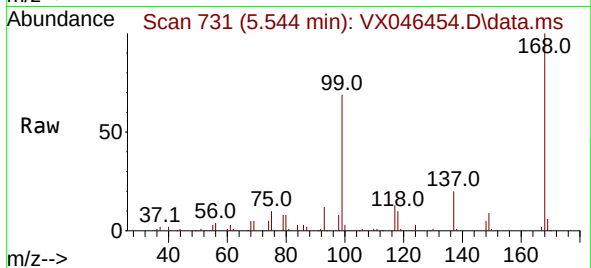
Tgt Ion:	43	Resp:	1719
Ion	Ratio	Lower	Upper
43	100		
72	27.3	18.4	27.6



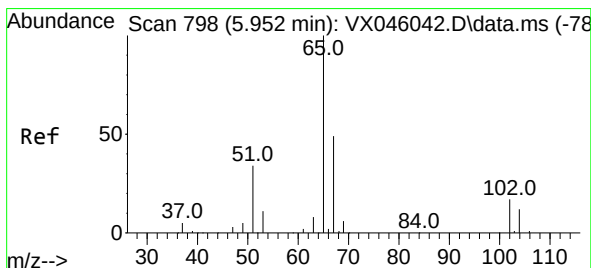
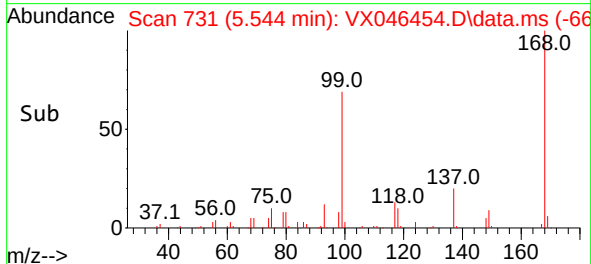
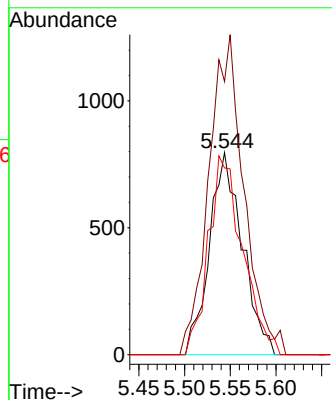


#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Instrument :
MSVOA_X
ClientSampleId :
EB05312025

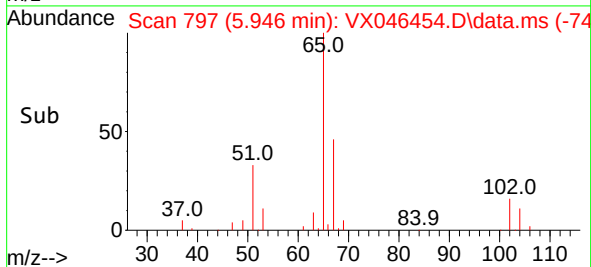
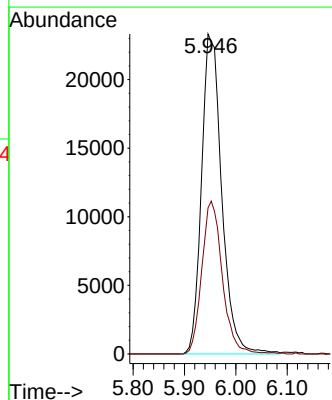
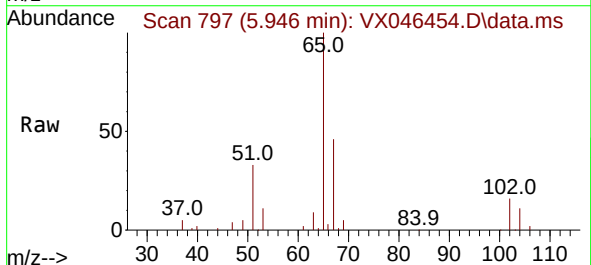


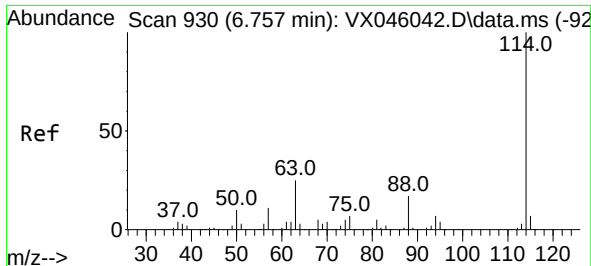
Tgt Ion: 56 Resp: 1998
Ion Ratio Lower Upper
56 100
69 135.2 24.4 36.6#
84 92.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.904 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Tgt Ion: 65 Resp: 63761
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

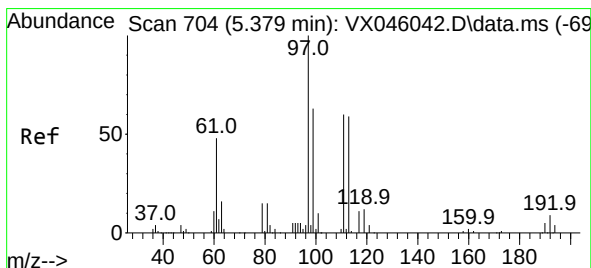
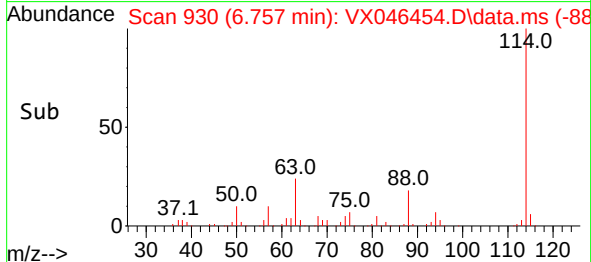
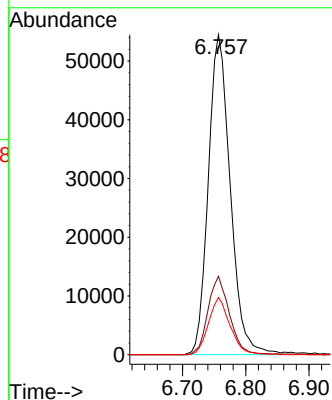
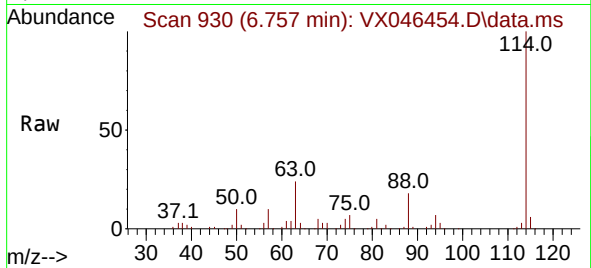




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 913
Delta R.T. -0.000 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

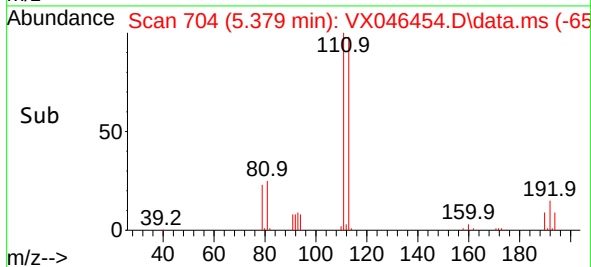
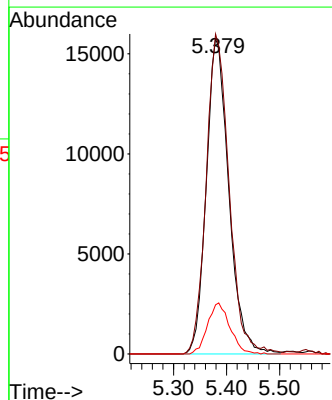
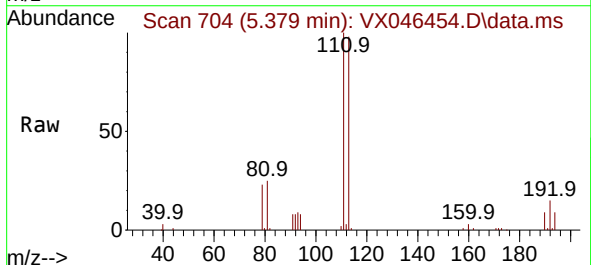
Instrument :
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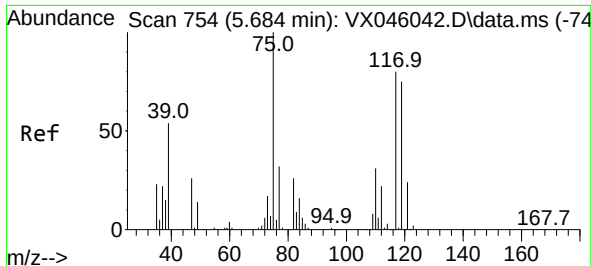
Tgt Ion:114 Resp: 131320
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.087 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Tgt Ion:113 Resp: 46419
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.1 13.3 19.9

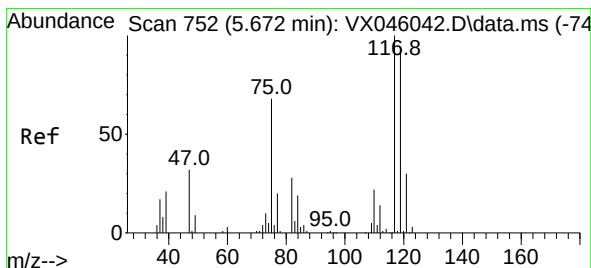
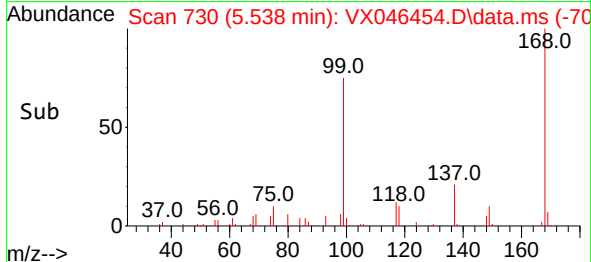
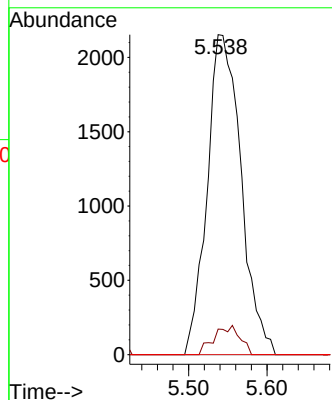
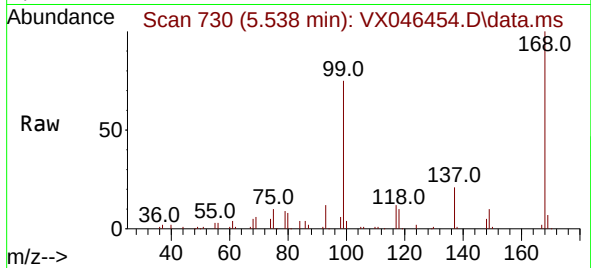




#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

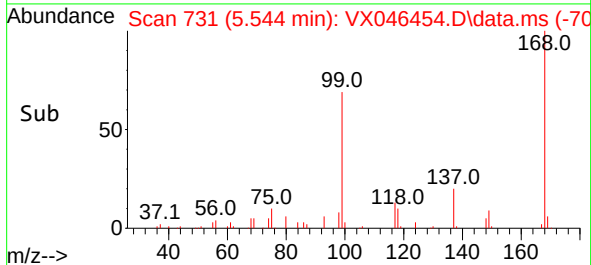
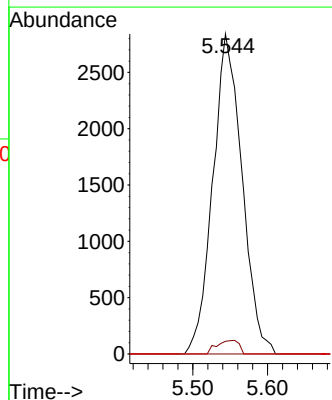
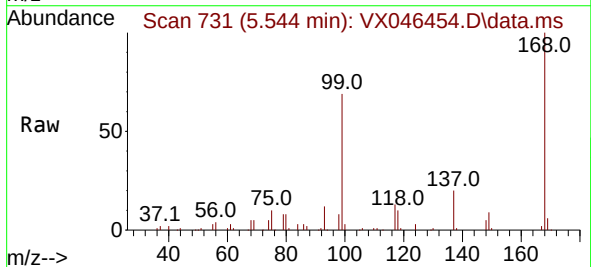
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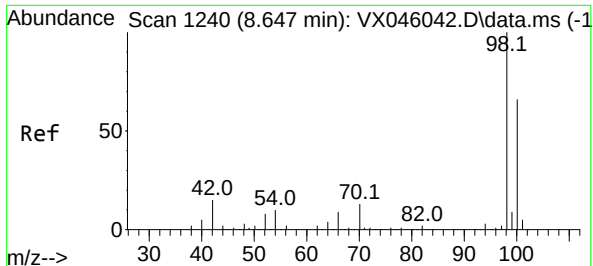
Tgt Ion: 75 Resp: 6458
Ion Ratio Lower Upper
75 100
110 7.0 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.401 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Tgt Ion: 117 Resp: 7711
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.2 36.4#

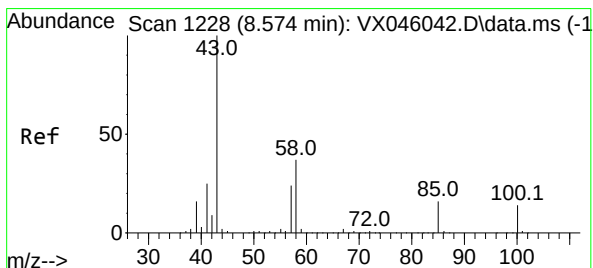
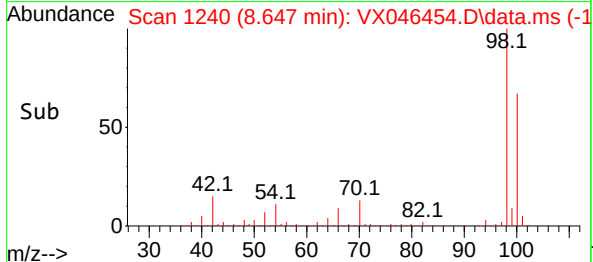
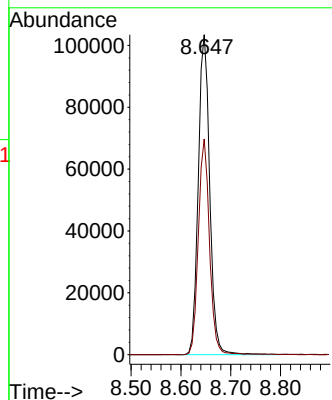
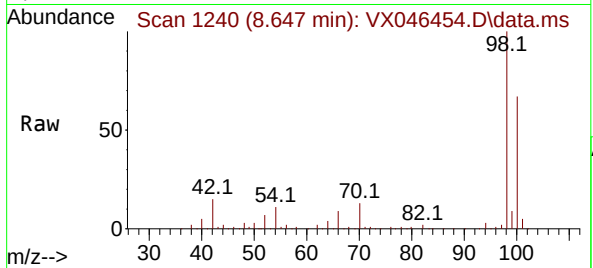




#50
Toluene-d8
Concen: 50.340 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

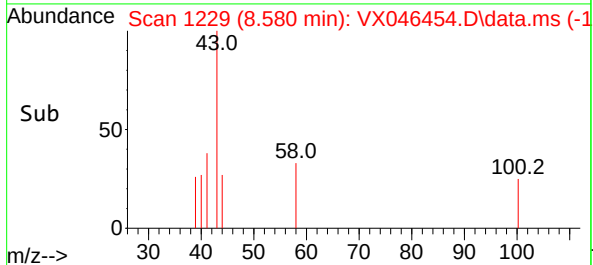
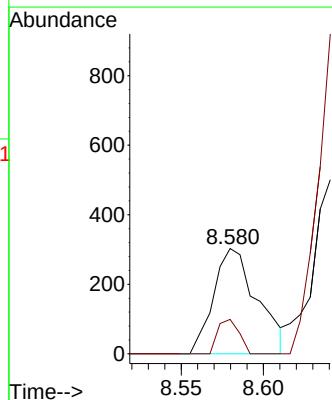
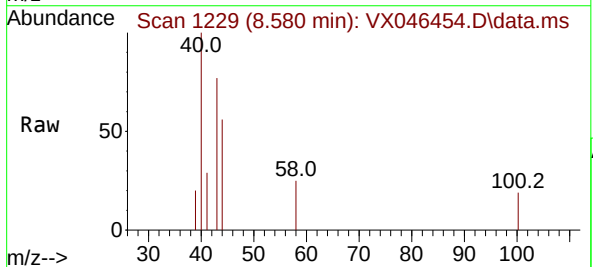
Instrument :
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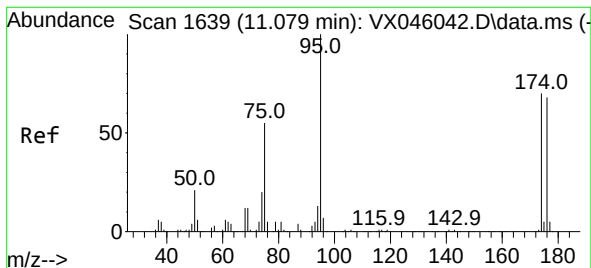
Tgt Ion: 98 Resp: 164764
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.350 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 16.0 28.9 43.3#

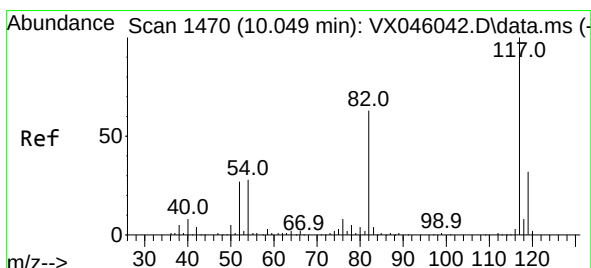
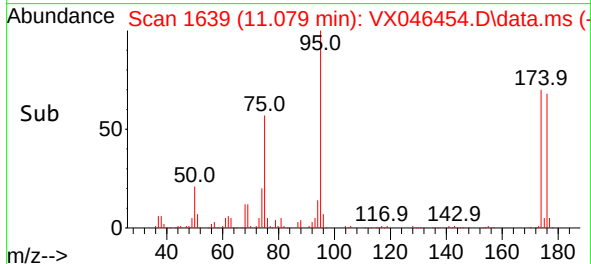
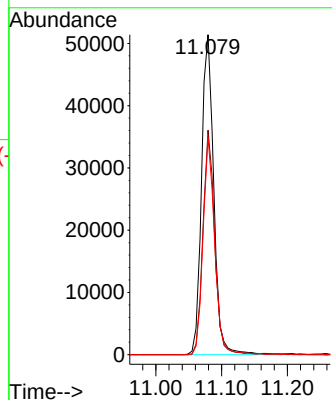
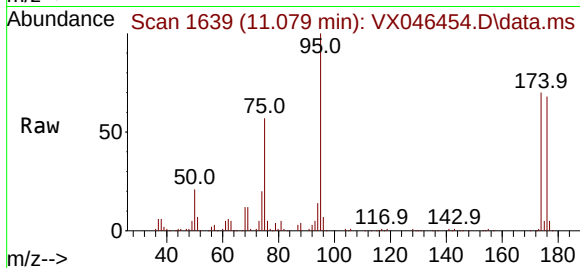




#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

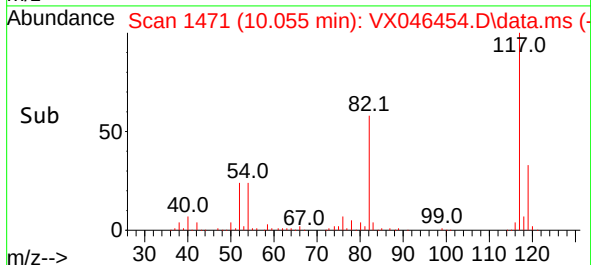
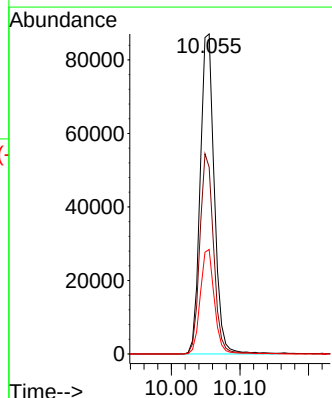
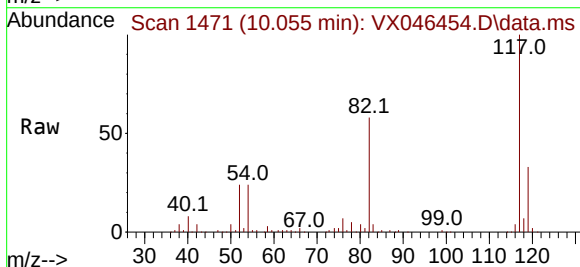
Instrument :
MSVOA_X
ClientSampleId :
EB05312025

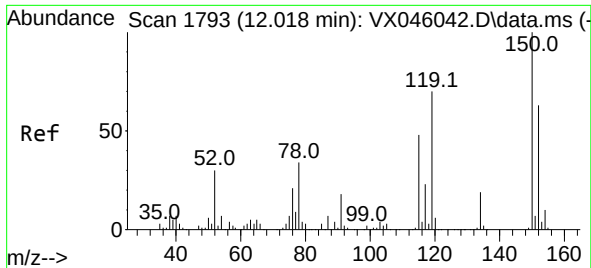
Tgt Ion: 95 Resp: 66656
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 64.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046454.D
Acq: 02 Jun 2025 19:06

Tgt Ion: 117 Resp: 124794
Ion Ratio Lower Upper
117 100
82 58.4 50.6 76.0
119 32.7 25.8 38.6

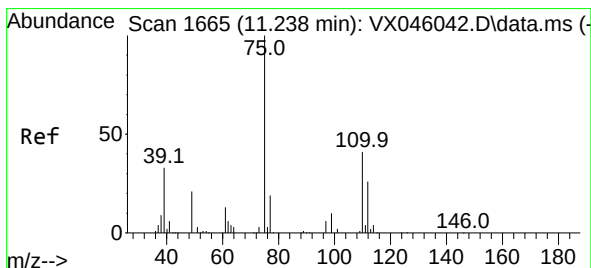
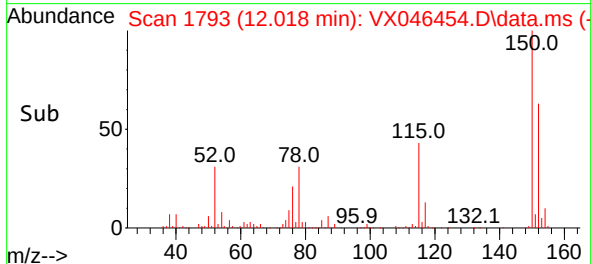
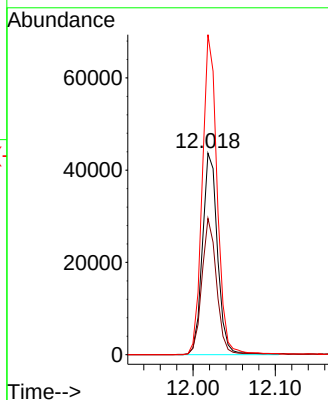
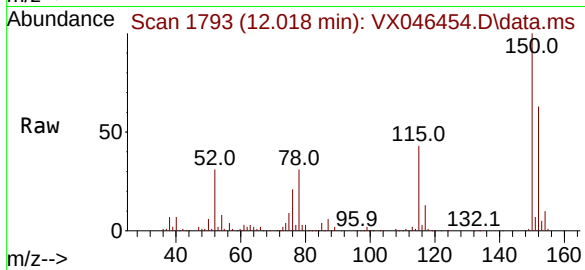




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046454.D
 Acq: 02 Jun 2025 19:06

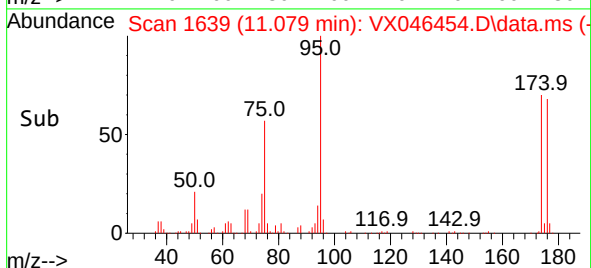
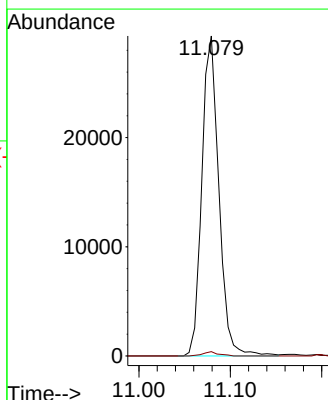
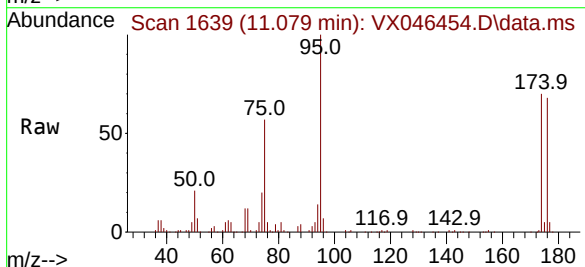
Instrument :
 MSVOA_X
 ClientSampleId :
 EB05312025

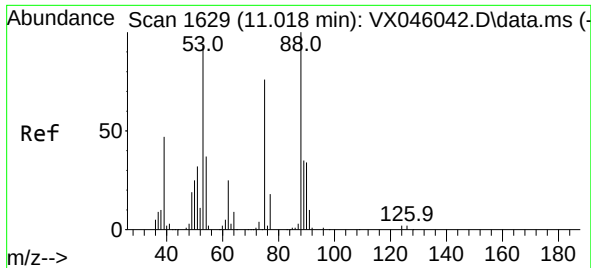
Tgt Ion:152 Resp: 55855
 Ion Ratio Lower Upper
 152 100
 115 66.8 46.9 140.7
 150 156.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.161 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046454.D
 Acq: 02 Jun 2025 19:06

Tgt Ion: 75 Resp: 37861
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.683 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX046454.D
 Acq: 02 Jun 2025 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 EB05312025

Tgt Ion: 75 Resp: 37861
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

