

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046293.D
 Acq On : 21 May 2025 13:32
 Operator : JC/MD
 Sample : Q2075-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05162025

Quant Time: May 22 01:48:55 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)

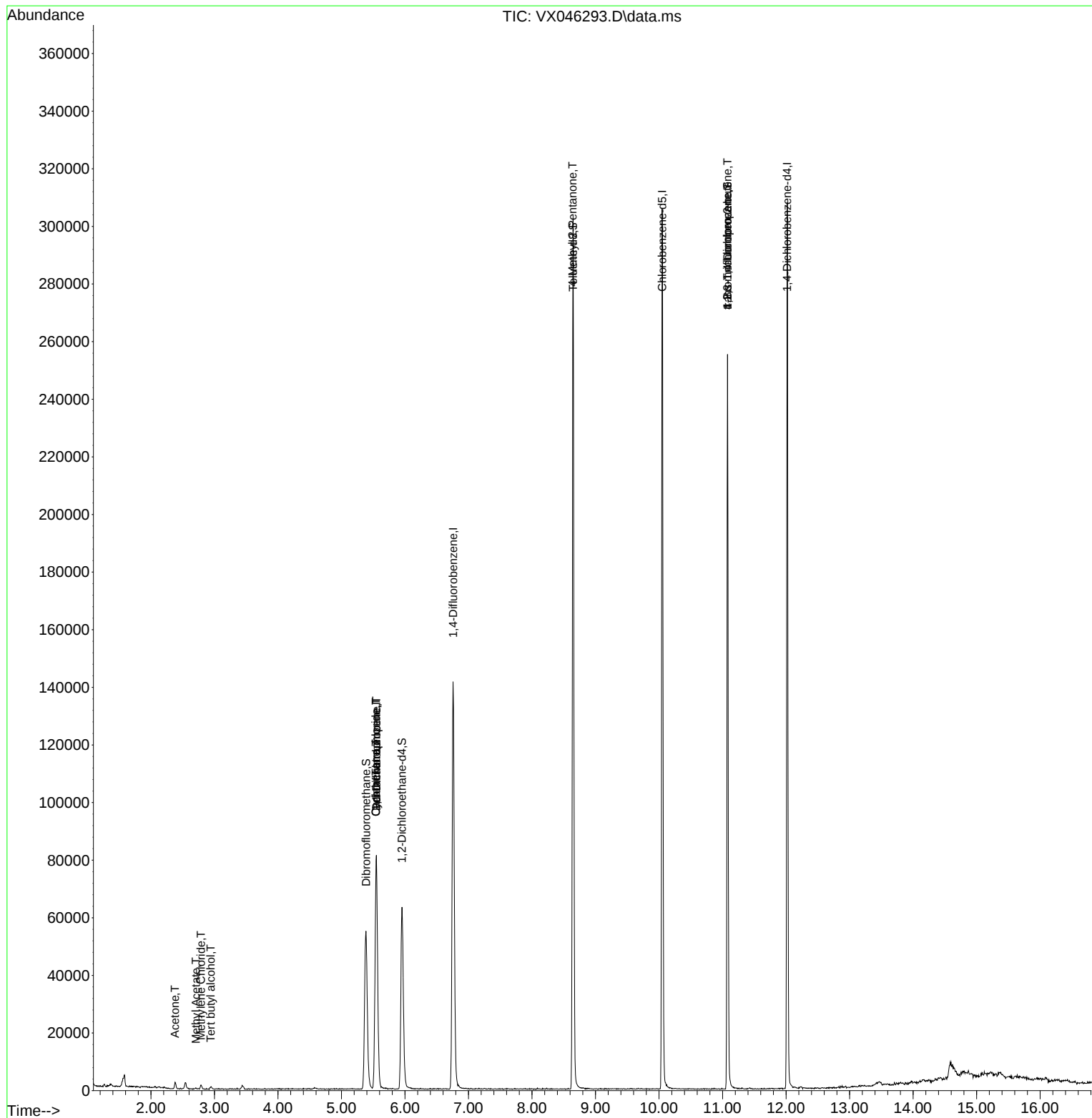
Internal Standards						
1) Pentafluorobenzene	5.550	168	67975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66150	52.199	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.400%			
35) Dibromofluoromethane	5.385	113	48762	50.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.647	98	169067	50.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	66765	51.716	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.440%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	413	2.322	ug/l #	72
16) Acetone	2.380	43	2408	4.739	ug/l	99
18) Methyl Acetate	2.709	43	274	0.232	ug/l #	70
20) Methylene Chloride	2.788	84	725	0.745	ug/l #	51
31) Cyclohexane	5.544	56	1946	1.289	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	6679	5.112	ug/l #	52
38) Carbon Tetrachloride	5.544	117	8340	5.681	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	955	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38254	28.401	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38254	92.466	ug/l #	1

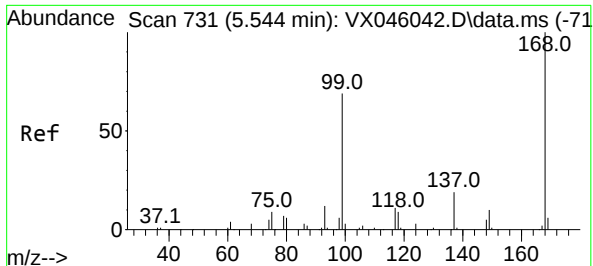
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046293.D
Acq On : 21 May 2025 13:32
Operator : JC/MD
Sample : Q2075-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

Quant Time: May 22 01:48:55 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

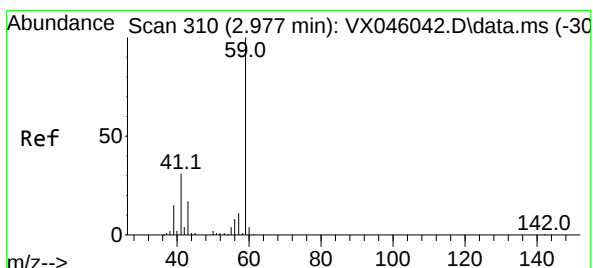
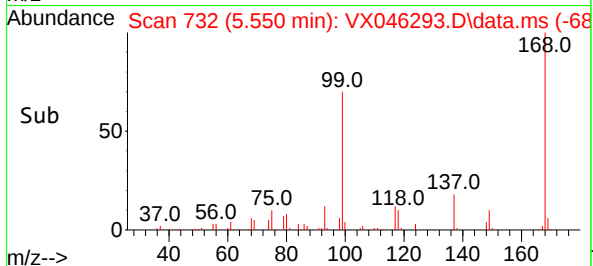
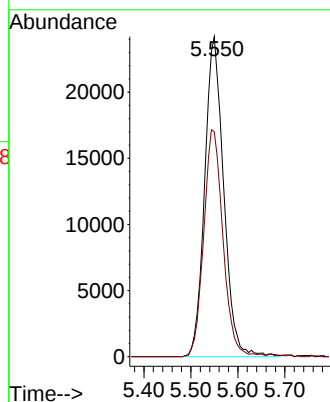
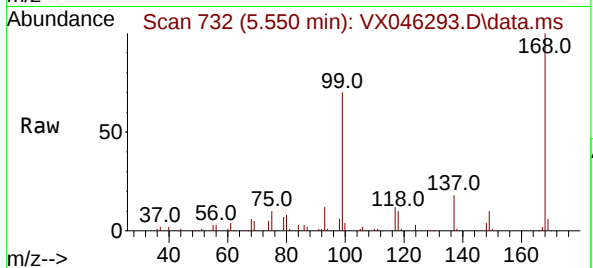




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

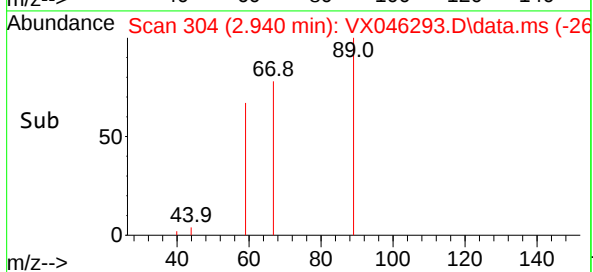
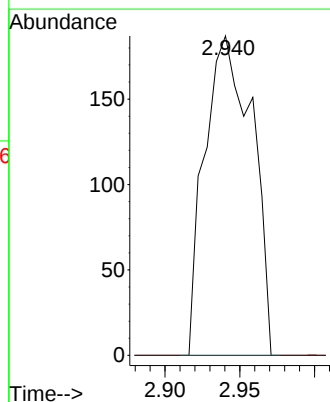
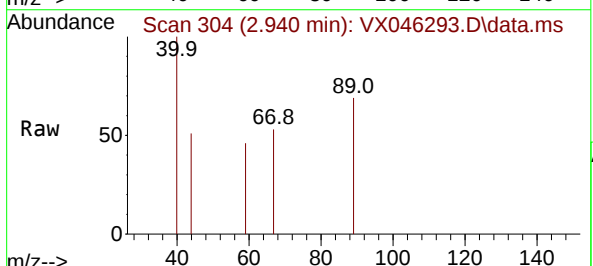
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

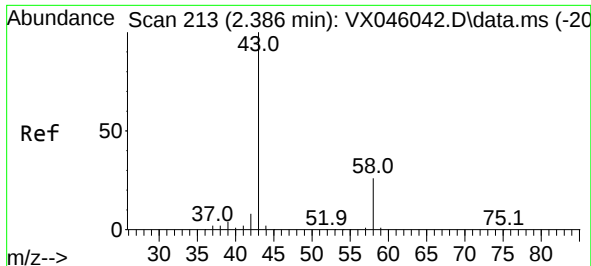
Tgt Ion:168 Resp: 67975
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#11
Tert butyl alcohol
Concen: 2.322 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

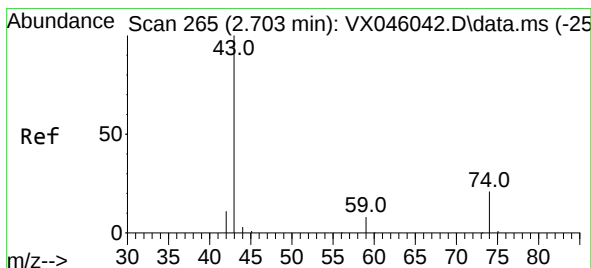
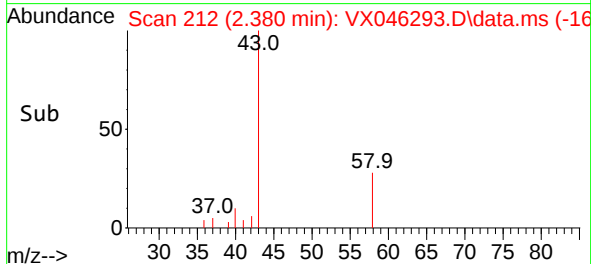
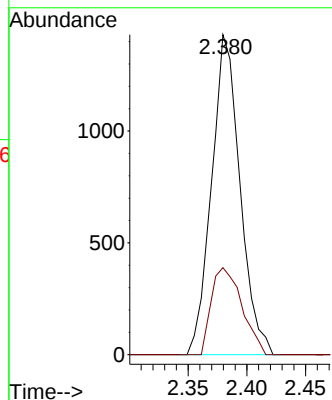
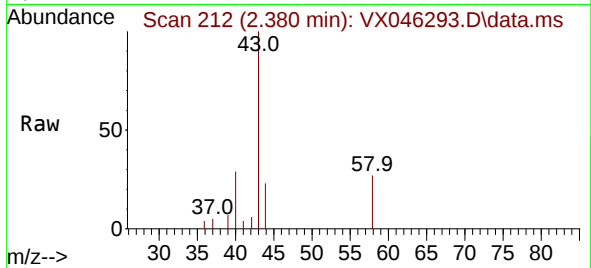




#16
Acetone
Concen: 4.739 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

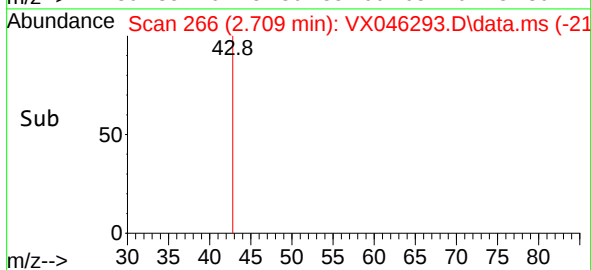
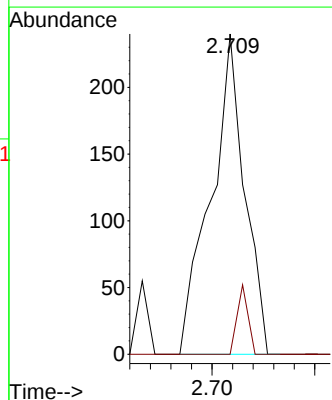
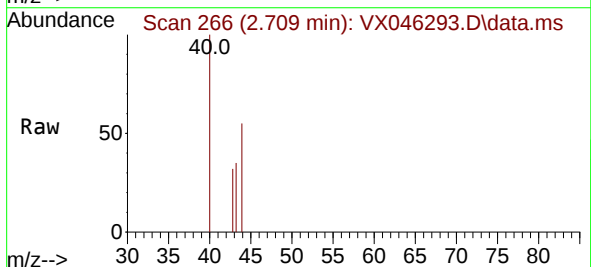
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

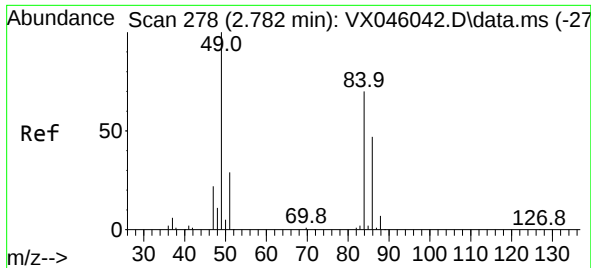
Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
74 6.9 16.7 25.1#

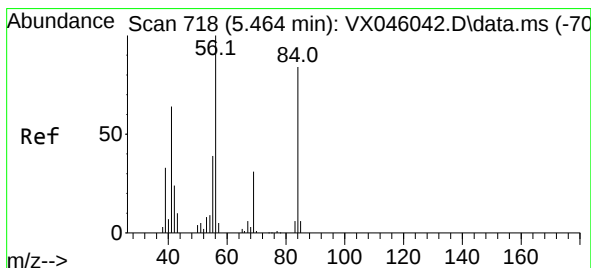
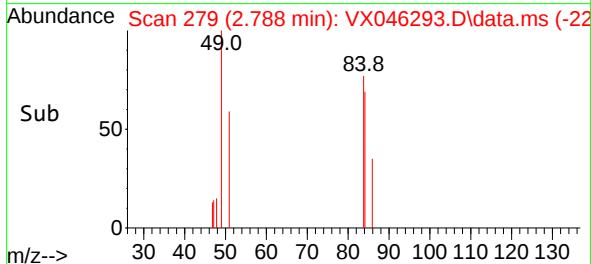
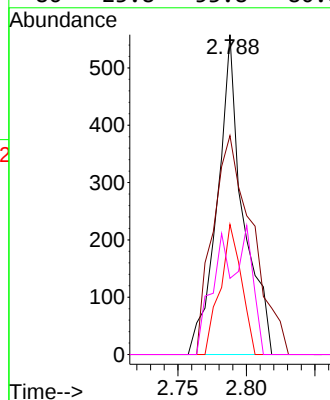
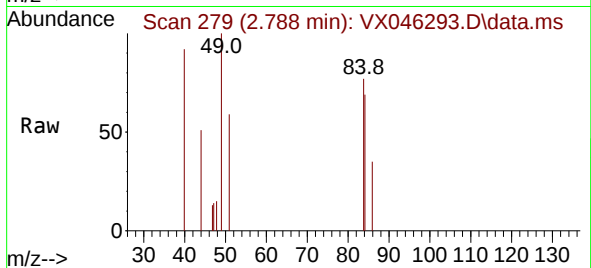




#20
Methylene Chloride
Concen: 0.745 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

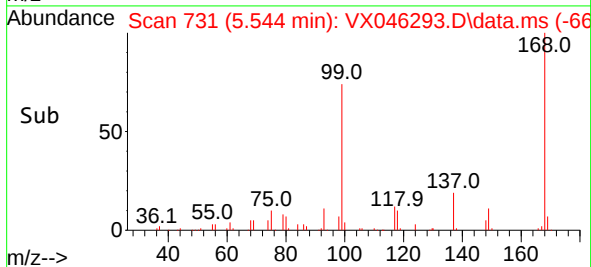
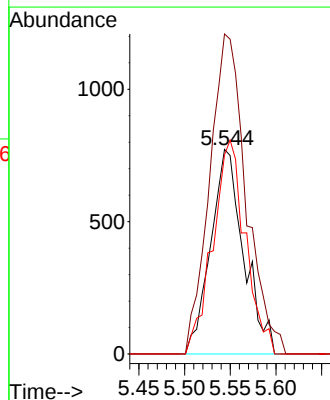
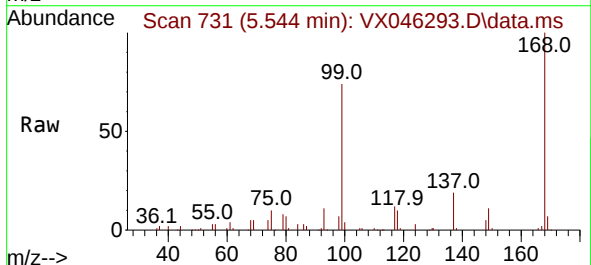
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

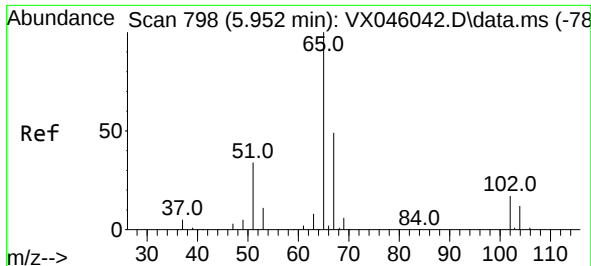
Tgt Ion:	84	Resp:	725
Ion	Ratio	Lower	Upper
84	100		
49	68.5	113.9	170.9#
51	40.7	33.5	50.3
86	23.8	53.8	80.8#



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion:	56	Resp:	1946
Ion	Ratio	Lower	Upper
56	100		
69	156.4	24.4	36.6#
84	97.3	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 52.199 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046293.D

Acq: 21 May 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

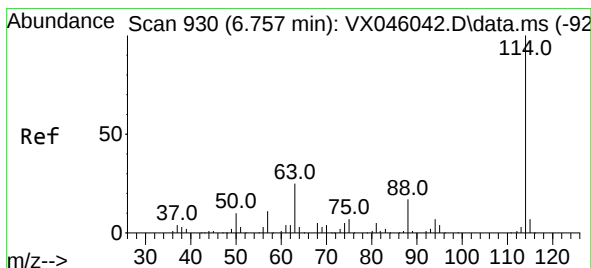
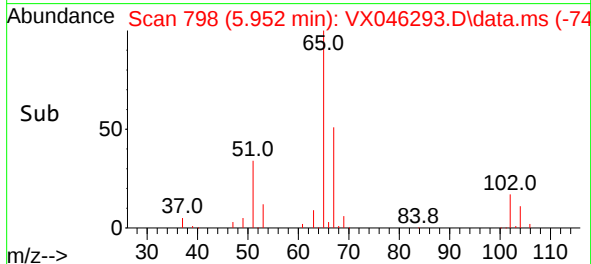
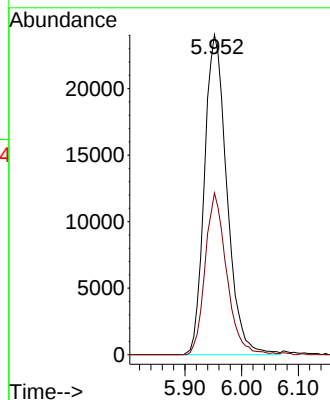
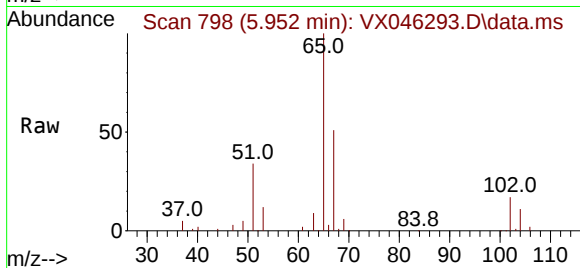
FB-05162025

Tgt Ion: 65 Resp: 66150

Ion Ratio Lower Upper

65 100

67 48.3 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: VX046293.D

Acq: 21 May 2025 13:32

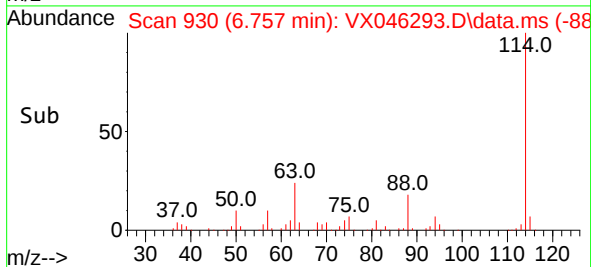
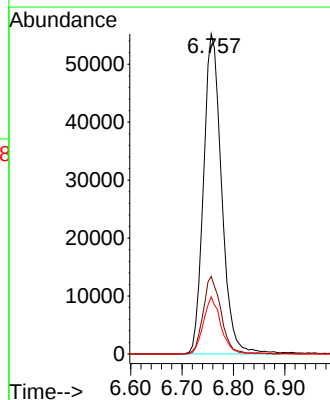
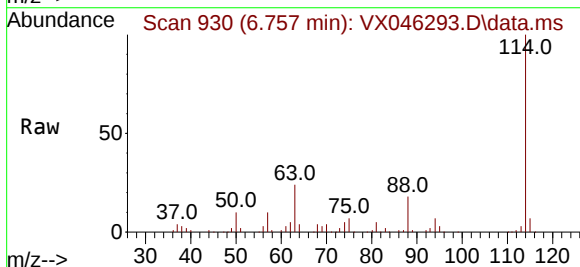
Tgt Ion: 114 Resp: 135035

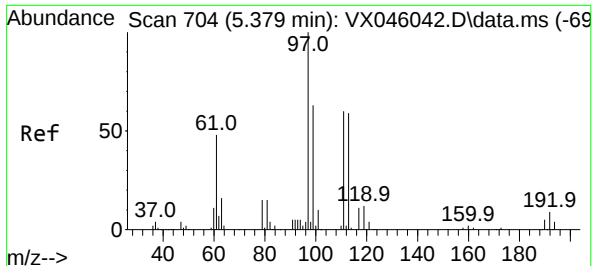
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 17.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.146 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046293.D

Acq: 21 May 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

FB-05162025

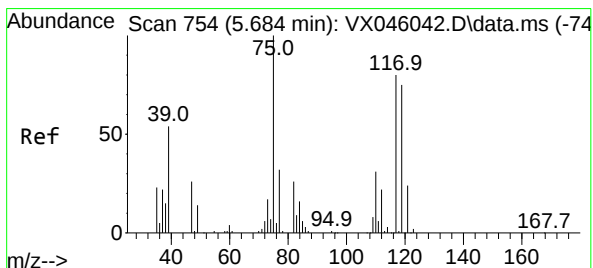
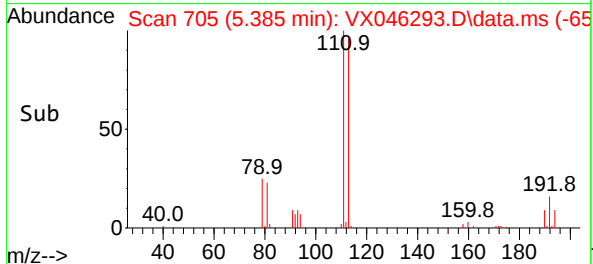
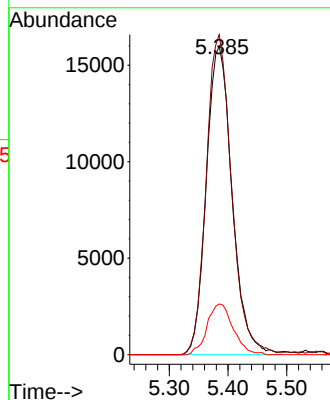
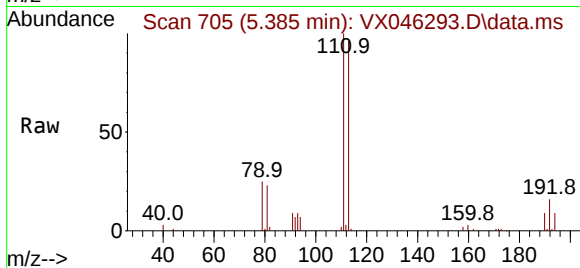
Tgt Ion:113 Resp: 48762

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

192 16.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.112 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX046293.D

Acq: 21 May 2025 13:32

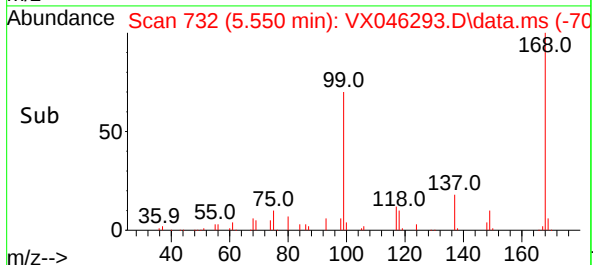
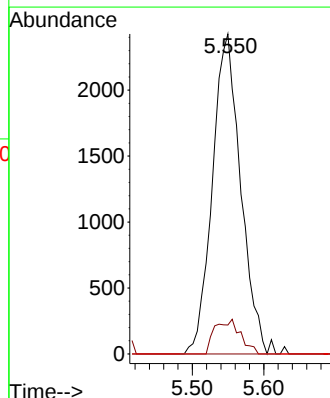
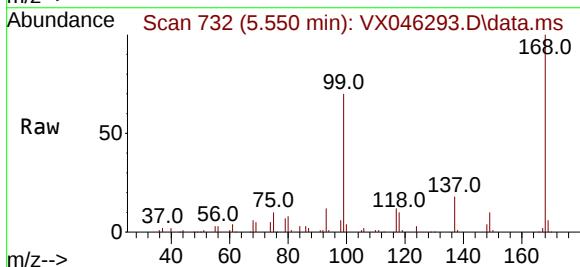
Tgt Ion: 75 Resp: 6679

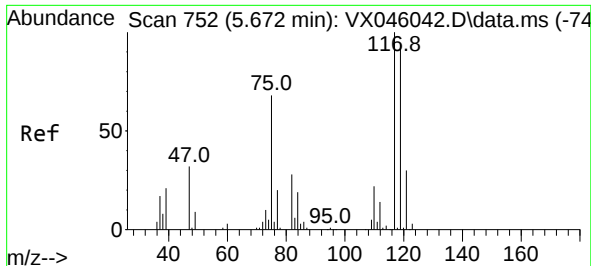
Ion Ratio Lower Upper

75 100

110 9.8 16.3 48.9#

77 0.0 24.3 36.5#

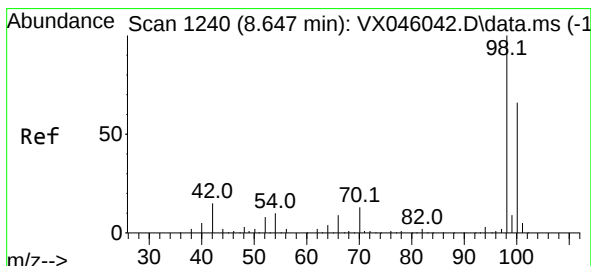
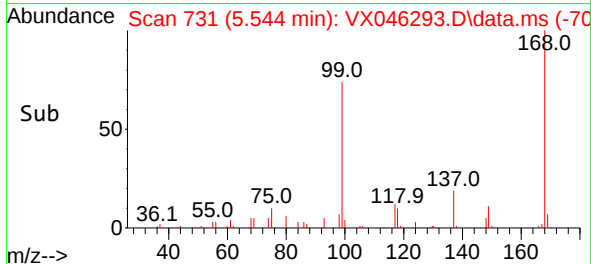
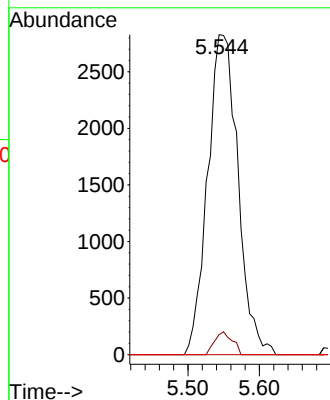
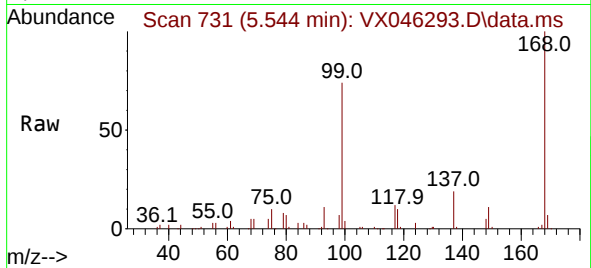




#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

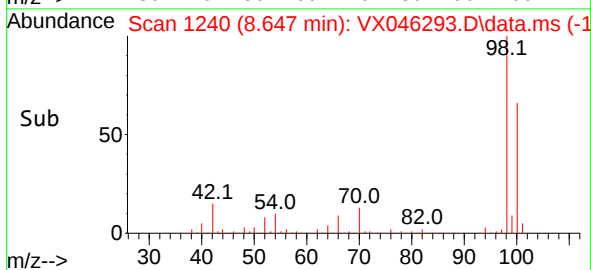
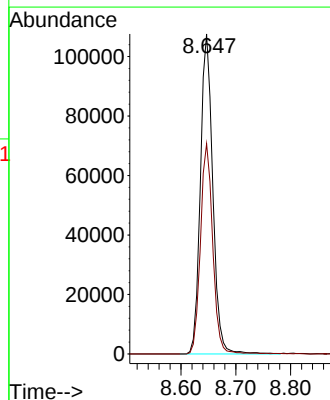
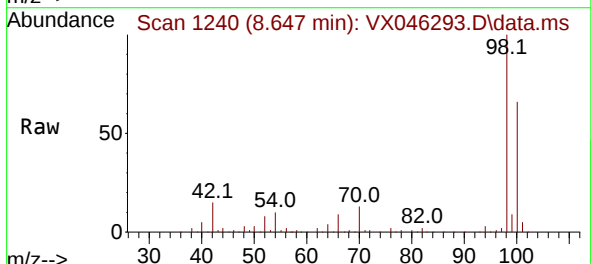
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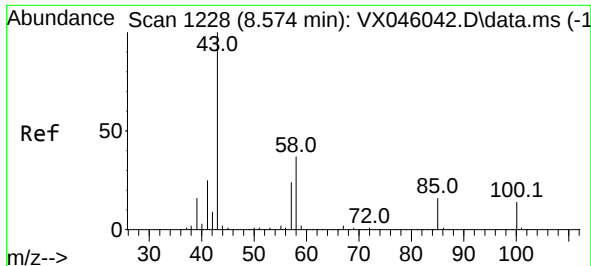
Tgt Ion:117 Resp: 8340
Ion Ratio Lower Upper
117 100
119 6.3 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.234 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 98 Resp: 169067
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

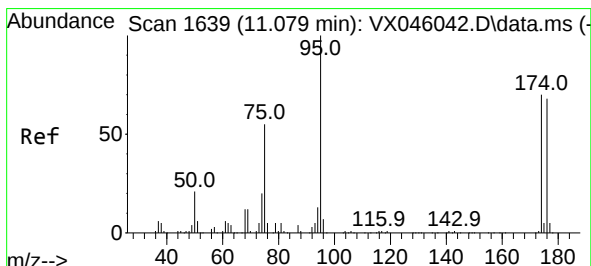
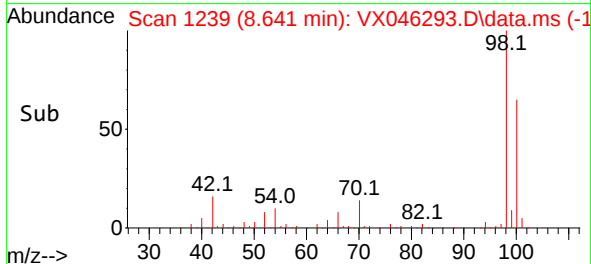
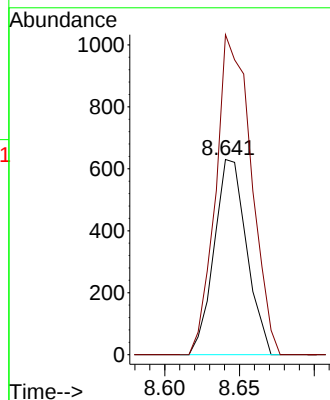
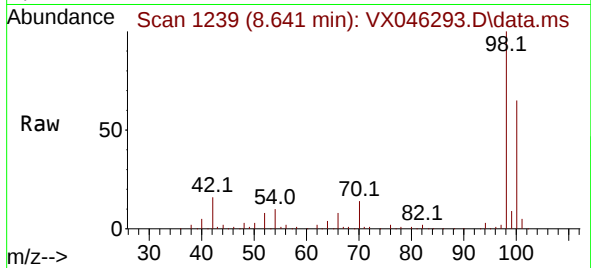




#51
 4-Methyl-2-Pentanone
 Concen: 0.584 ug/l
 RT: 8.641 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX046293.D
 Acq: 21 May 2025 13:32

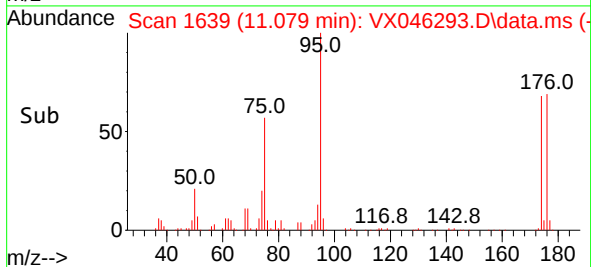
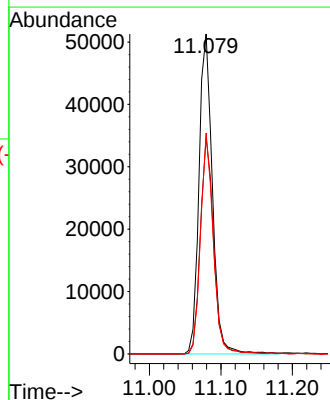
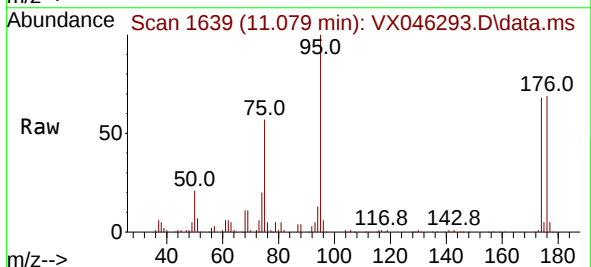
Instrument :
 MSVOA_X
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 FB-05162025

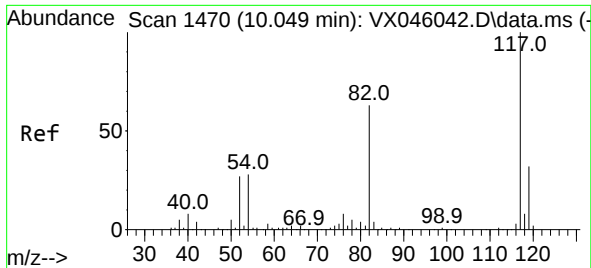
Tgt Ion: 43 Resp: 955
 Ion Ratio Lower Upper
 43 100
 58 178.3 28.9 43.3#



#62
 4-Bromofluorobenzene
 Concen: 51.716 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX046293.D
 Acq: 21 May 2025 13:32

Tgt Ion: 95 Resp: 66765
 Ion Ratio Lower Upper
 95 100
 174 67.1 0.0 135.8
 176 65.1 0.0 131.4

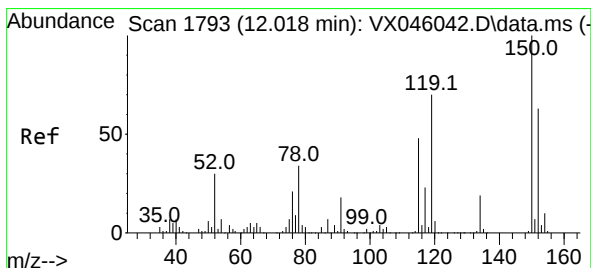
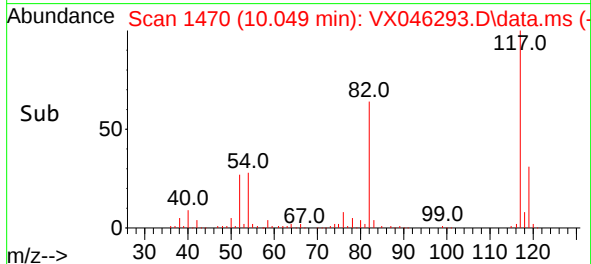
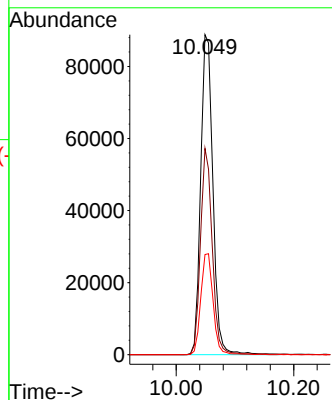
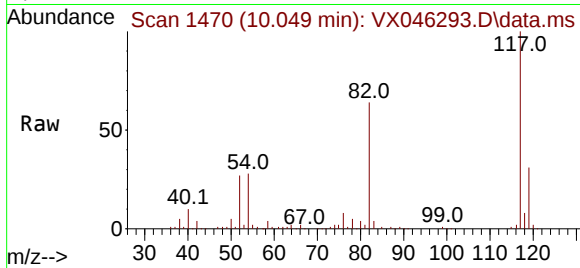




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

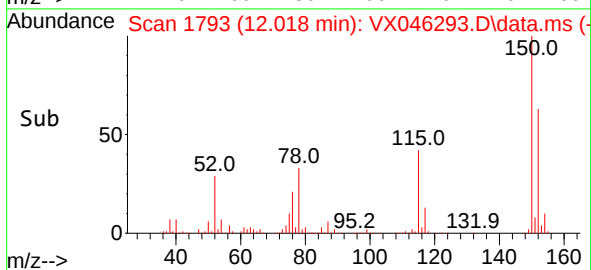
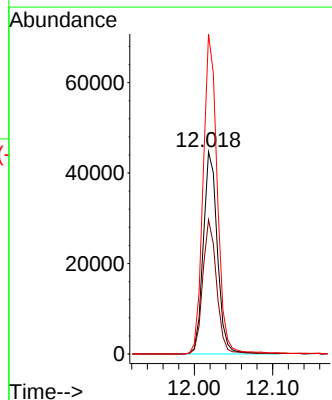
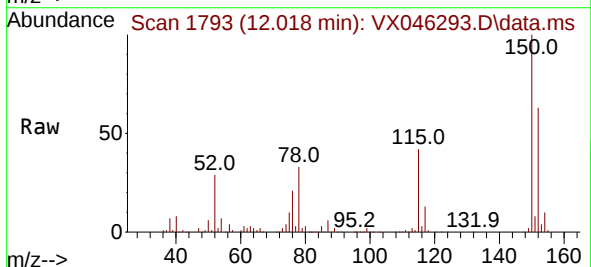
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

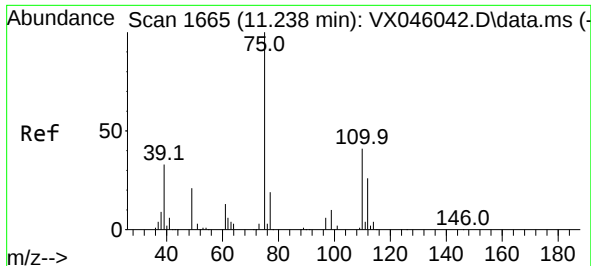
Tgt Ion:117 Resp: 128288
Ion Ratio Lower Upper
117 100
82 64.4 50.6 76.0
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion:152 Resp: 55957
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 158.4 0.0 351.0

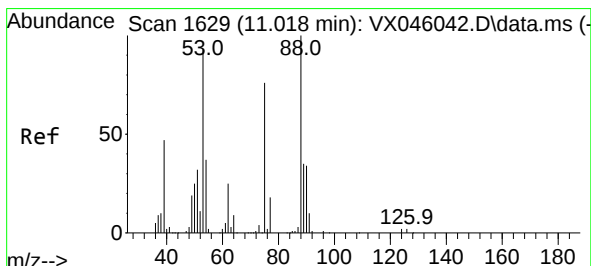
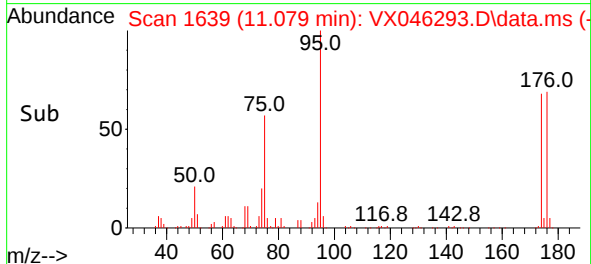
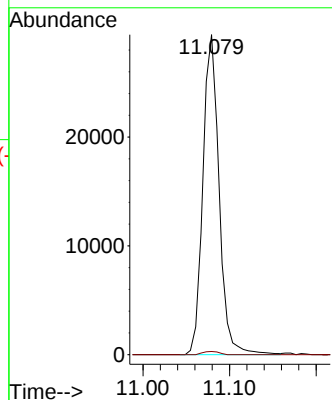
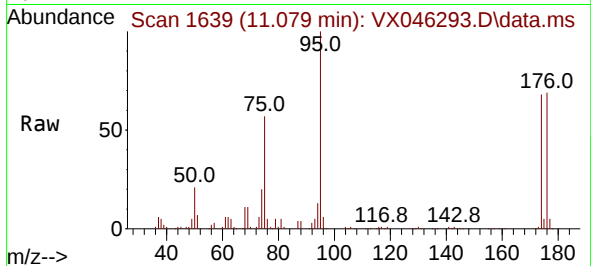




#76
1,2,3-Trichloropropane
Concen: 28.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

Tgt Ion: 75 Resp: 38254
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 75 Resp: 38254
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

