

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046263.D
 Acq On : 19 May 2025 13:27
 Operator : JC/MD
 Sample : Q2062-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L1-WC-1

Quant Time: May 19 23:10:06 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)

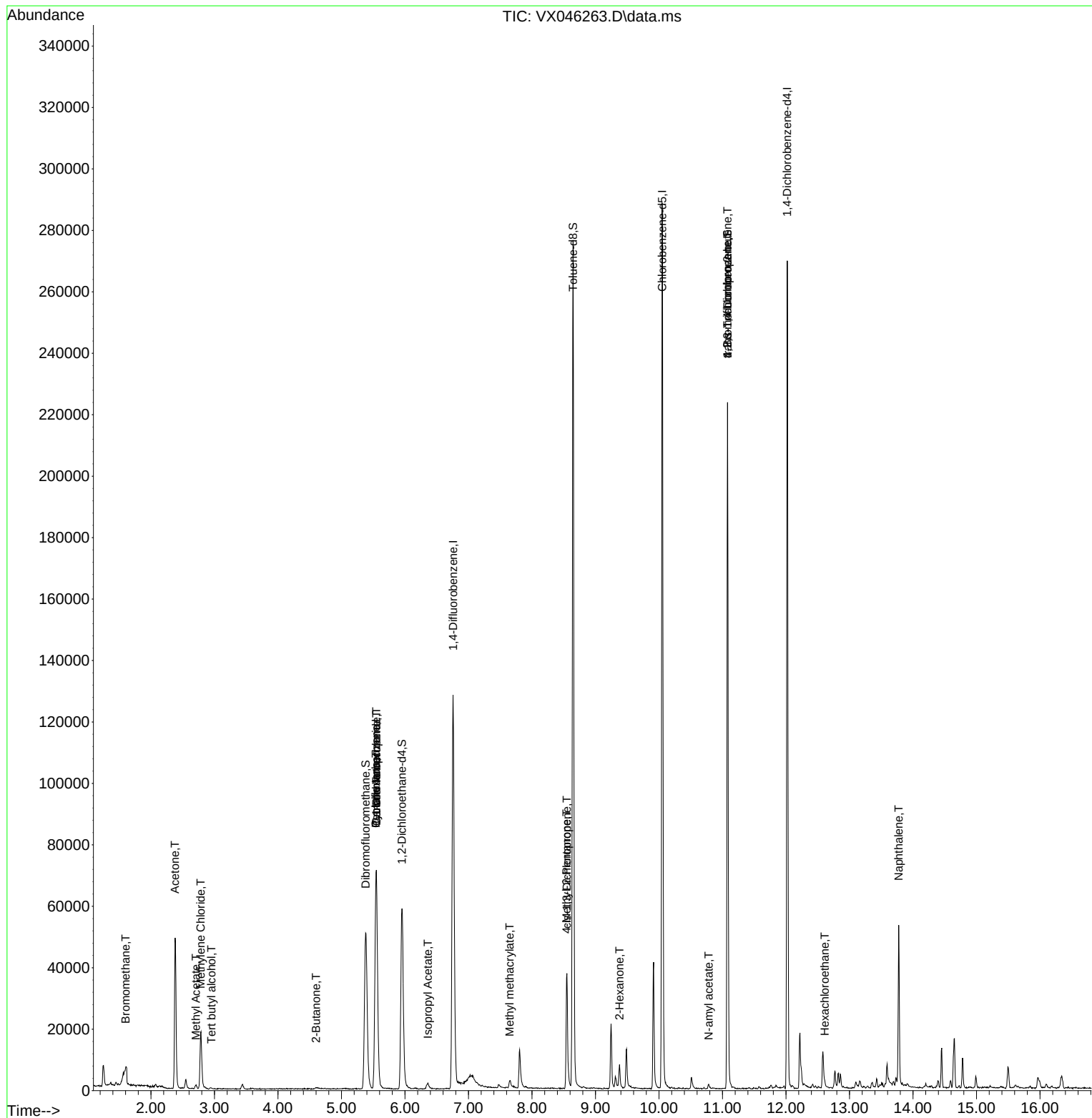
Internal Standards						
1) Pentafluorobenzene	5.544	168	60394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62482	55.493	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.980%			
35) Dibromofluoromethane	5.379	113	45097	51.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	8.647	98	155498	51.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	11.079	95	58836	50.978	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.960%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	80	0.207	ug/l #	62
11) Tert butyl alcohol	2.953	59	118	0.747	ug/l #	72
16) Acetone	2.380	43	54456	120.625	ug/l	96
18) Methyl Acetate	2.709	43	1665	1.589	ug/l	97
20) Methylene Chloride	2.782	84	9040	10.449	ug/l #	88
25) 2-Butanone	4.599	43	819	1.250	ug/l #	86
31) Cyclohexane	5.544	56	1714	1.277	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	6245	5.347	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7264	5.535	ug/l #	17
43) Isopropyl Acetate	6.361	43	2914	1.324	ug/l #	93
48) Methyl methacrylate	7.647	41	469	0.417	ug/l #	41
51) 4-Methyl-2-Pentanone	8.543	43	15429	10.558	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	5698	4.389	ug/l #	64
59) 2-Hexanone	9.378	43	5464	5.054	ug/l #	28
74) N-amyl acetate	10.781	43	1402	0.742	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	33707	28.499	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33707	92.785	ug/l #	1
90) Hexachloroethane	12.610	117	254	0.442	ug/l #	19
95) Naphthalene	13.774	128	30446	8.886	ug/l	98

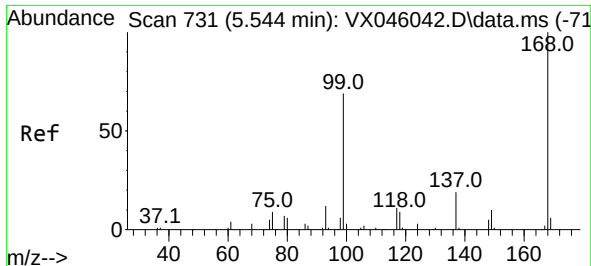
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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L1-WC-1

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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

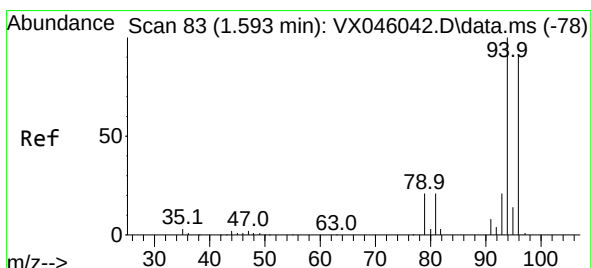
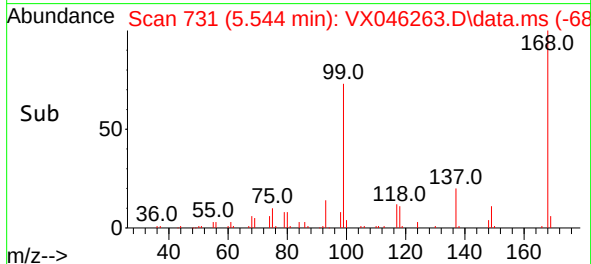
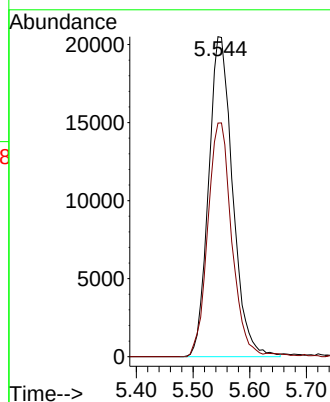
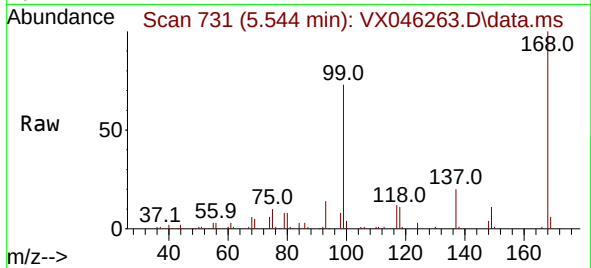




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

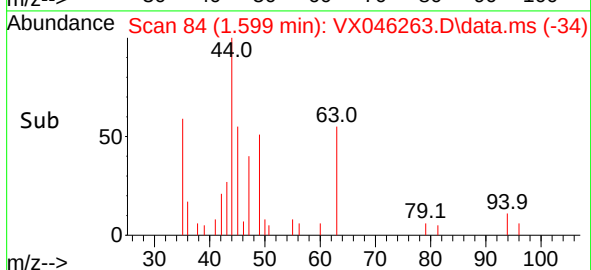
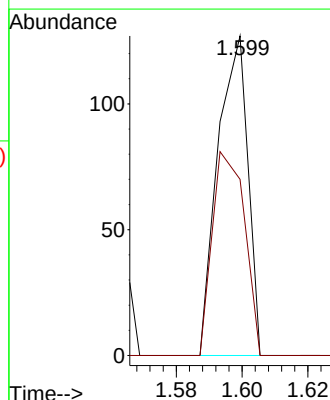
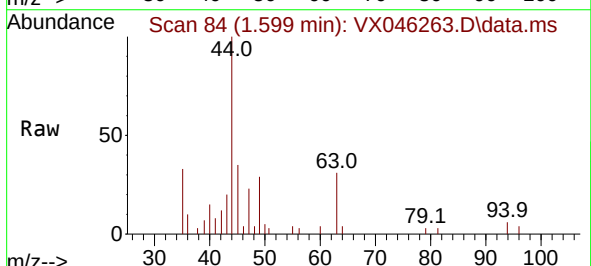
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

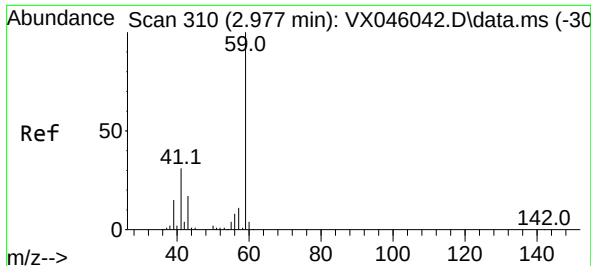
Tgt Ion:168 Resp: 60394
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3



#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 55.1 72.8 109.2#

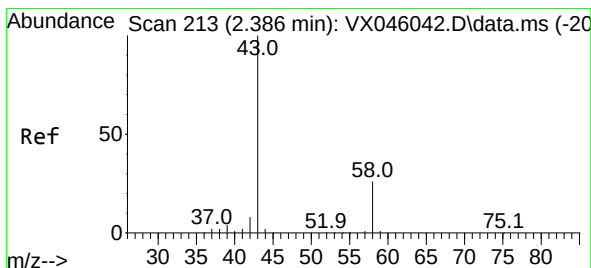
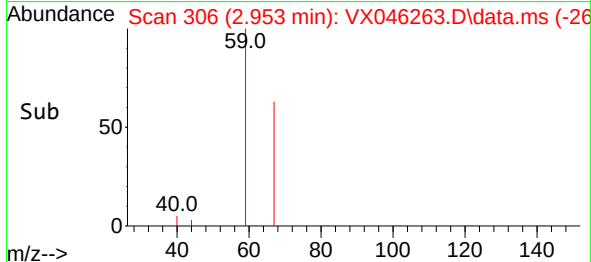
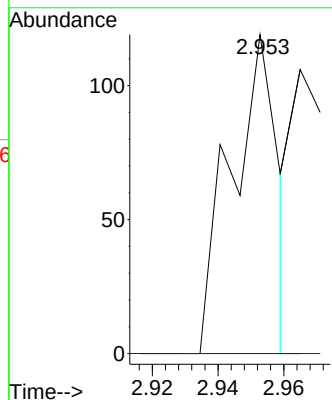
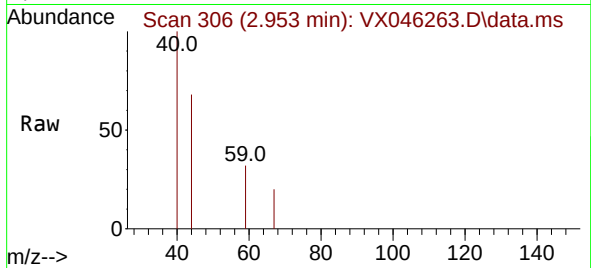




#11
Tert butyl alcohol
Concen: 0.747 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

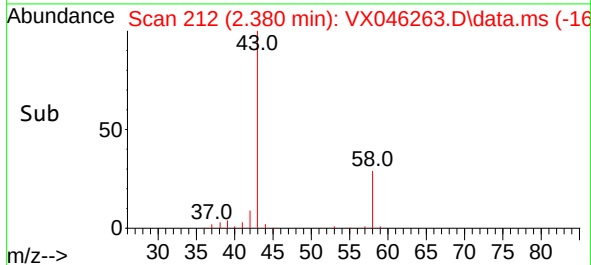
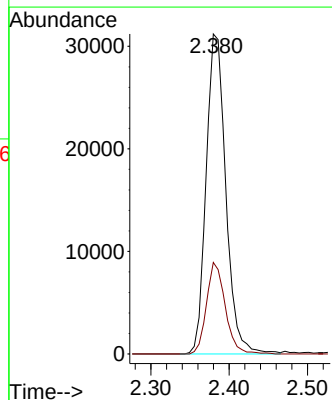
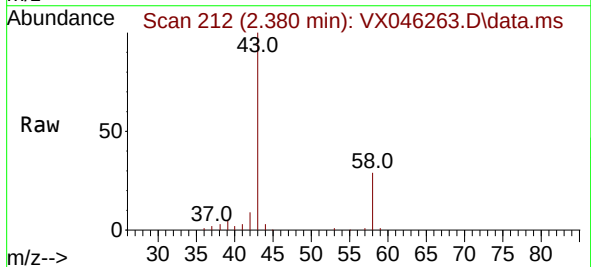
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

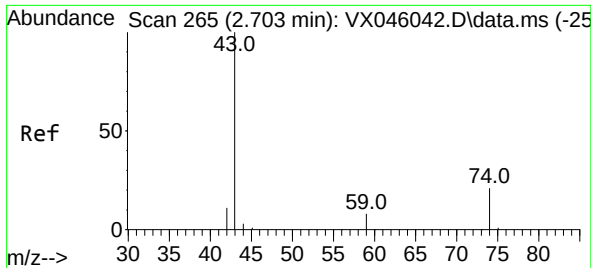
Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 120.625 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 43 Resp: 54456
Ion Ratio Lower Upper
43 100
58 28.6 21.2 31.8

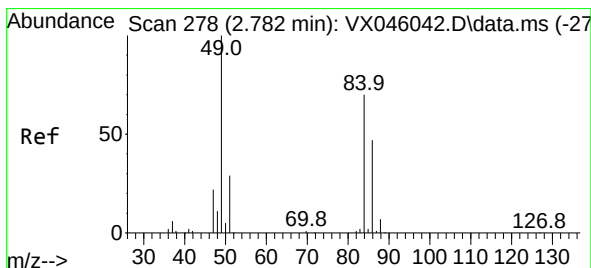
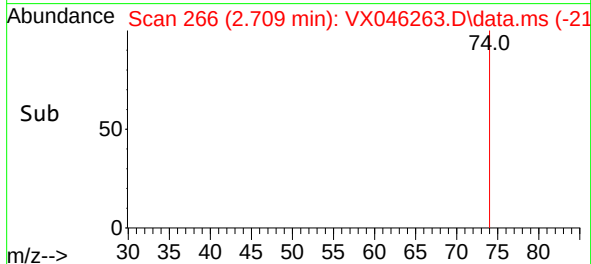
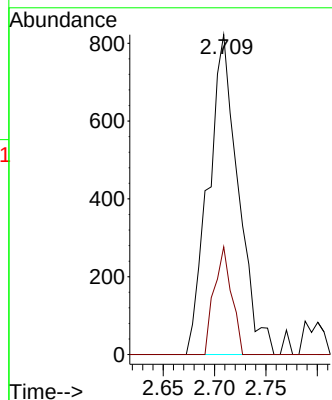
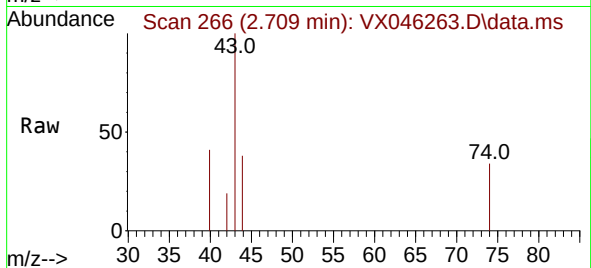




#18
Methyl Acetate
Concen: 1.589 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

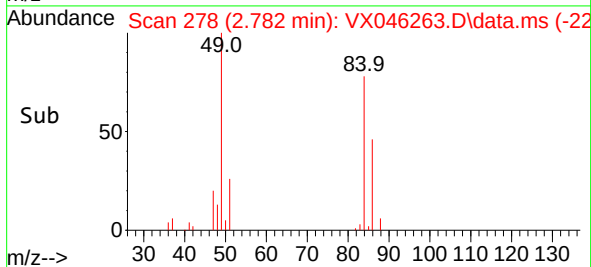
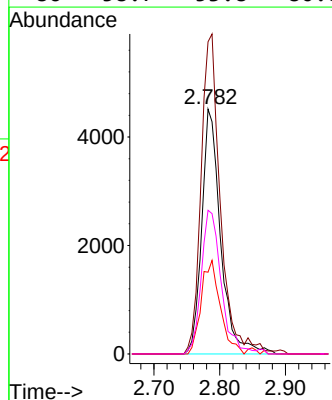
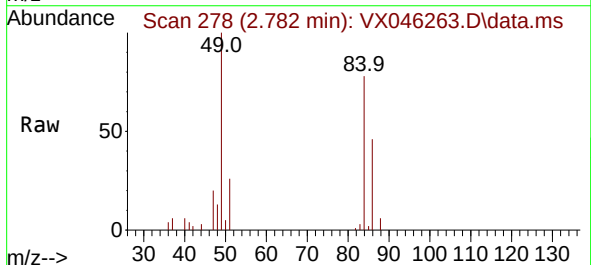
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

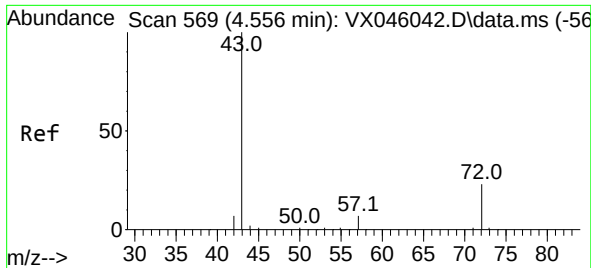
Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
74 19.6 16.7 25.1



#20
Methylene Chloride
Concen: 10.449 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 84 Resp: 9040
Ion Ratio Lower Upper
84 100
49 127.5 113.9 170.9
51 33.4 33.5 50.3#
86 58.7 53.8 80.8

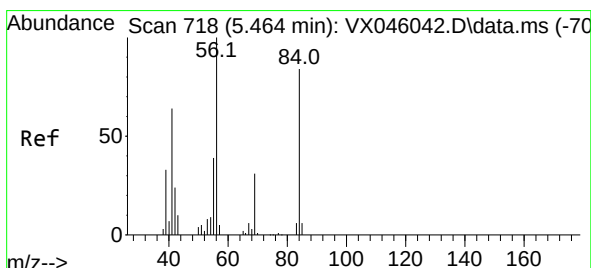
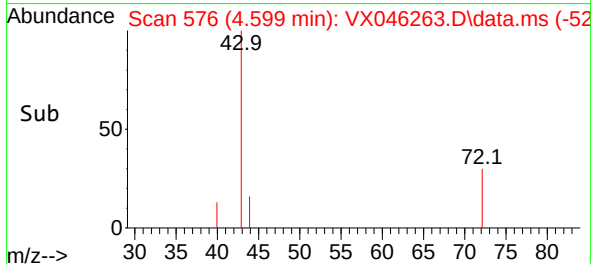
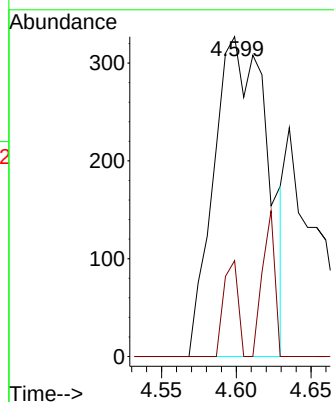
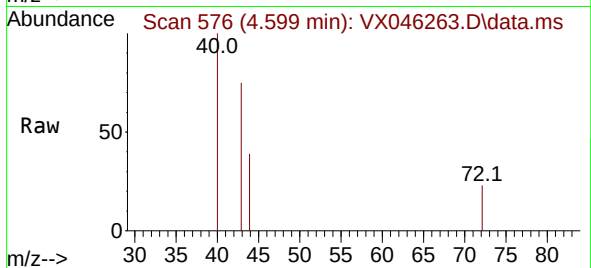




#25
2-Butanone
Concen: 1.250 ug/l
RT: 4.599 min Scan# 519
Delta R.T. 0.043 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

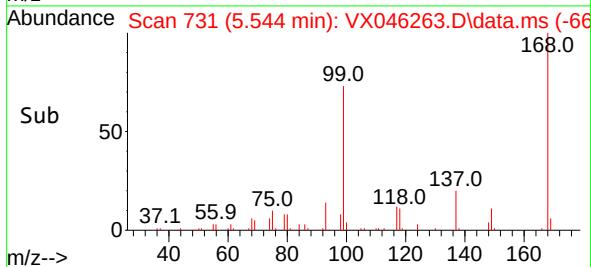
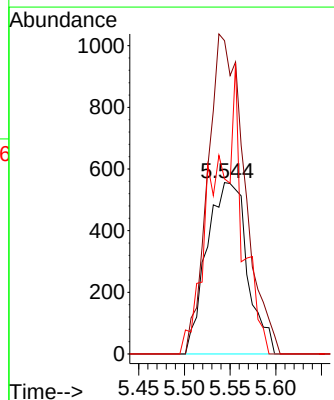
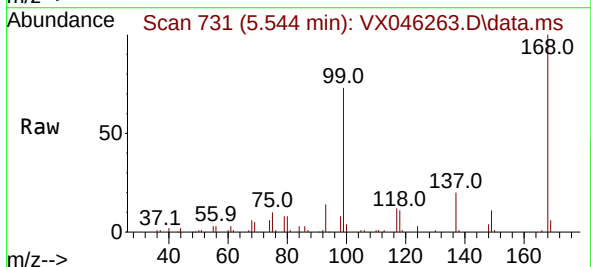
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

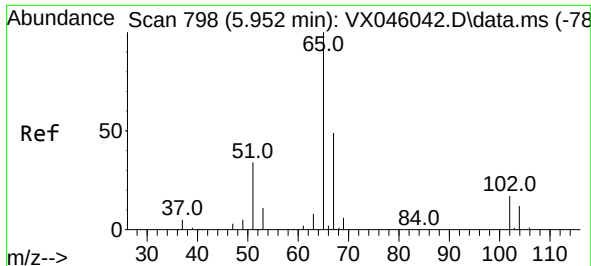
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
72 30.0 18.4 27.6#



#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 56 Resp: 1714
Ion Ratio Lower Upper
56 100
69 182.7 24.4 36.6#
84 102.2 66.9 100.3#

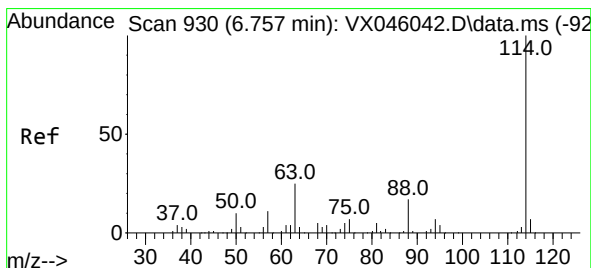
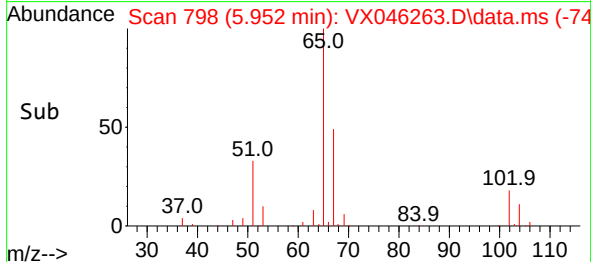
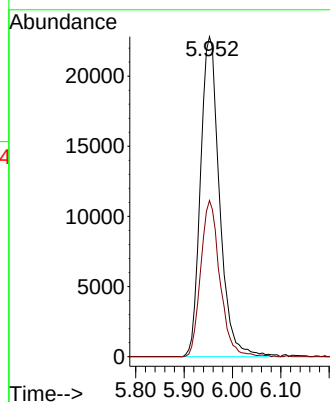
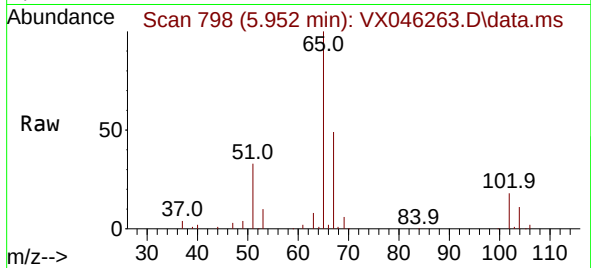




#33
 1,2-Dichloroethane-d4
 Concen: 55.493 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046263.D
 Acq: 19 May 2025 13:27

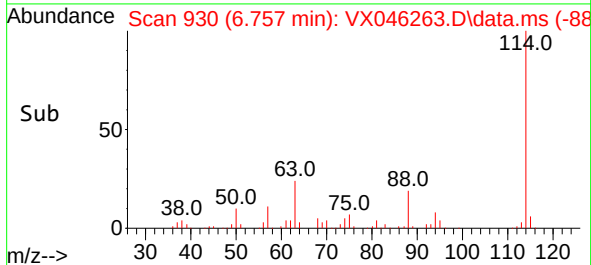
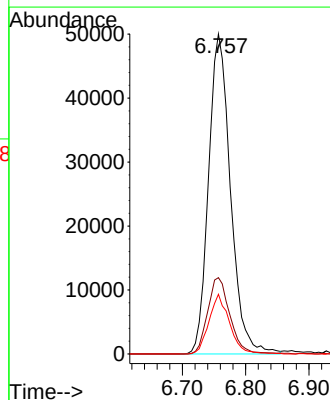
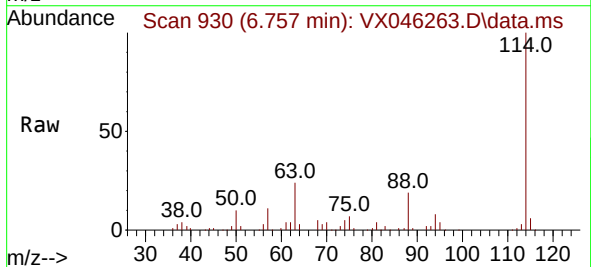
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 ClientSampleId :
 L1-WC-1

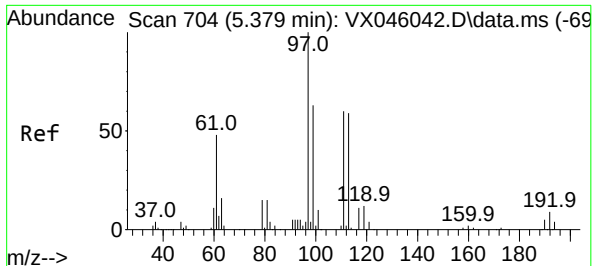
Tgt Ion: 65 Resp: 62482
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046263.D
 Acq: 19 May 2025 13:27

Tgt Ion: 114 Resp: 120720
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 18.6 0.0 33.6

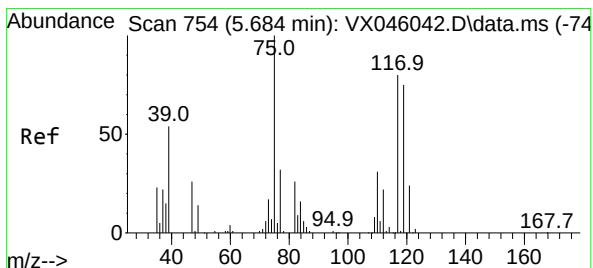
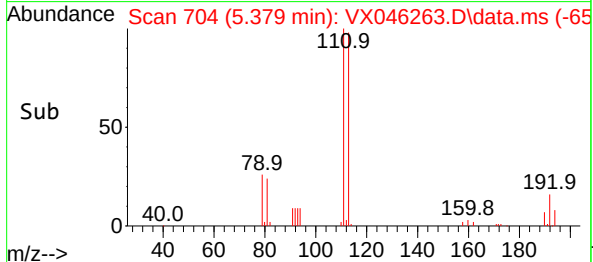
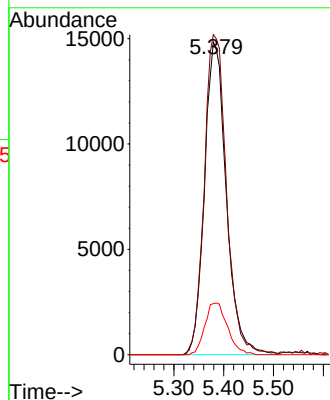
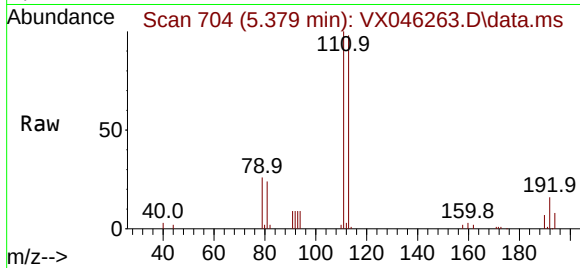




#35
Dibromofluoromethane
Concen: 51.877 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

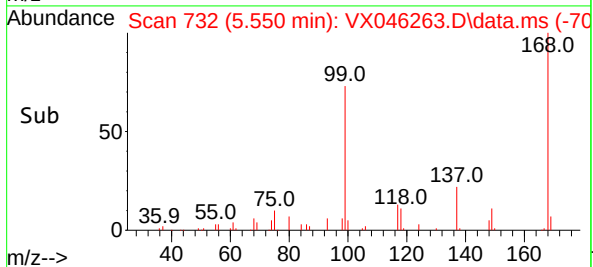
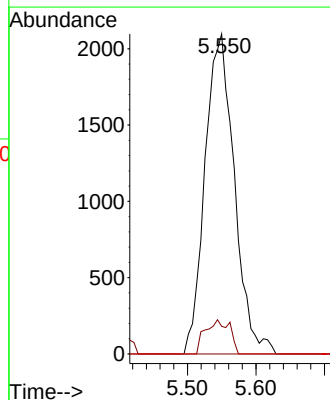
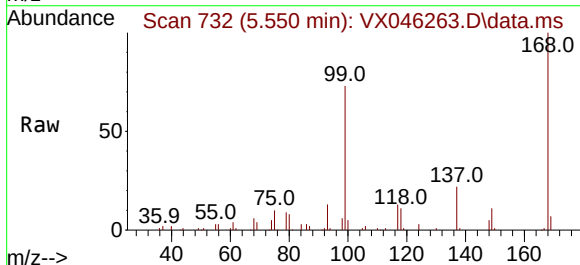
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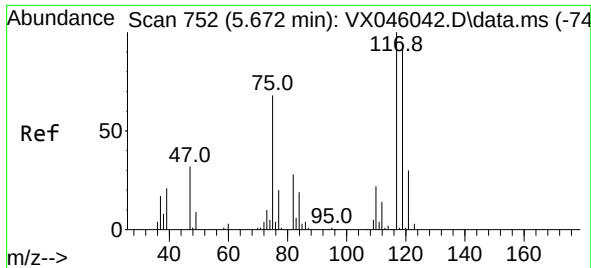
Tgt Ion:	113	Resp:	45097
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	17.1	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.347 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

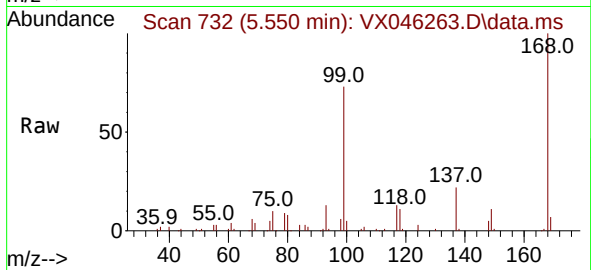
Tgt Ion:	75	Resp:	6245
Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.3	48.9#
77	0.0	24.3	36.5#



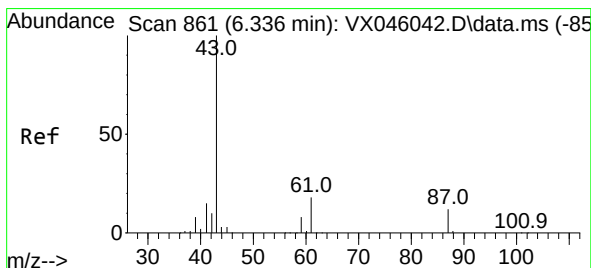
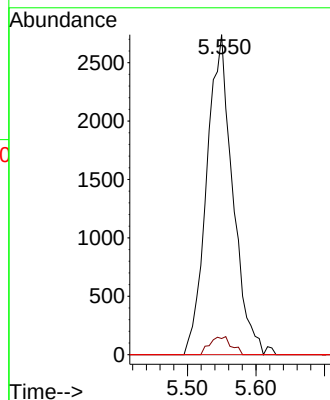
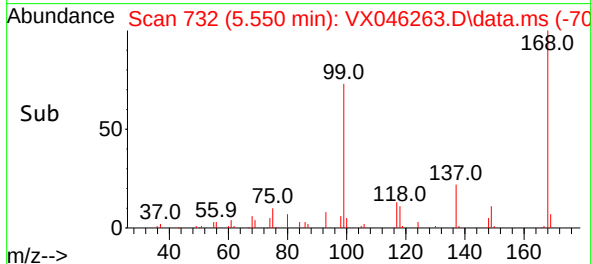


#38
Carbon Tetrachloride
Concen: 5.535 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

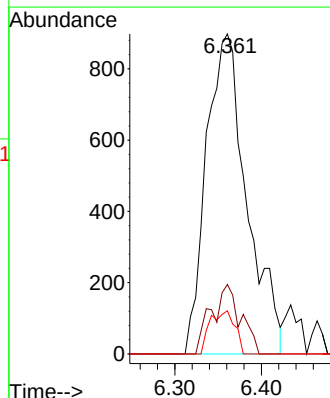
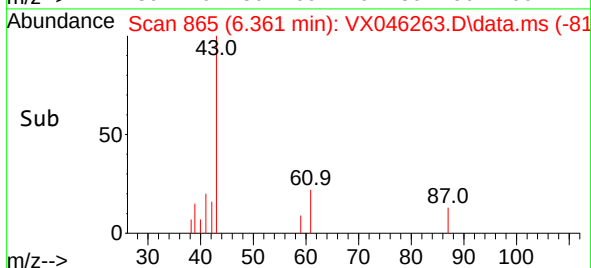
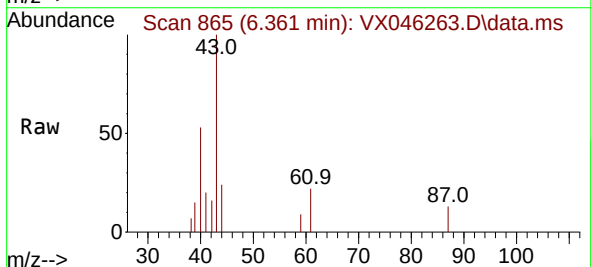


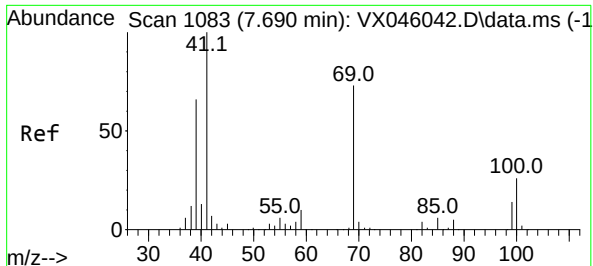
Tgt Ion:117 Resp: 7264
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 1.324 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.024 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 43 Resp: 2914
Ion Ratio Lower Upper
43 100
61 15.7 14.3 21.5
87 8.2 9.5 14.3#





#48

Methyl methacrylate

Concen: 0.417 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.043 min

Lab File: VX046263.D

Acq: 19 May 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

L1-WC-1

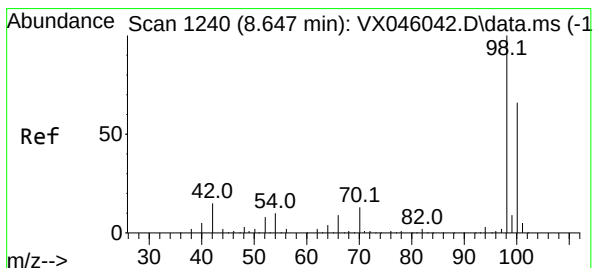
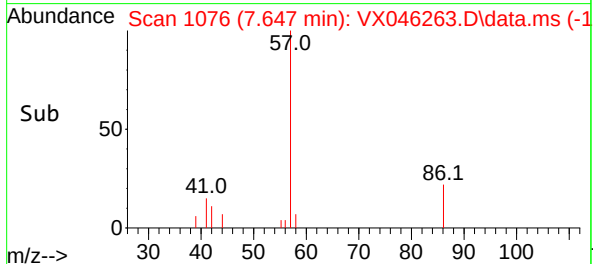
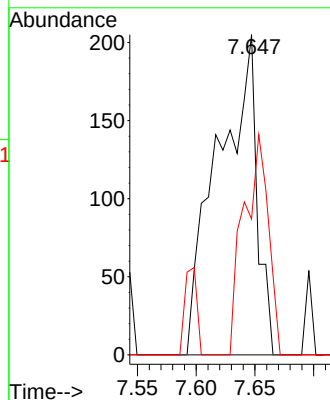
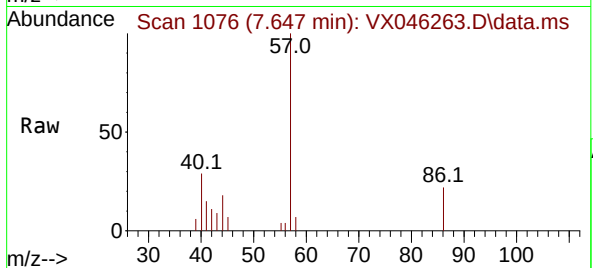
Tgt Ion: 41 Resp: 469

Ion Ratio Lower Upper

41 100

69 0.0 58.5 87.7#

39 43.9 51.7 77.5#



#50

Toluene-d8

Concen: 51.681 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046263.D

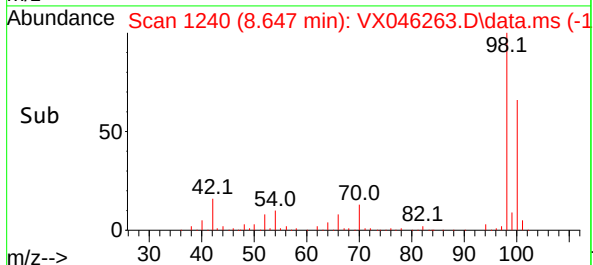
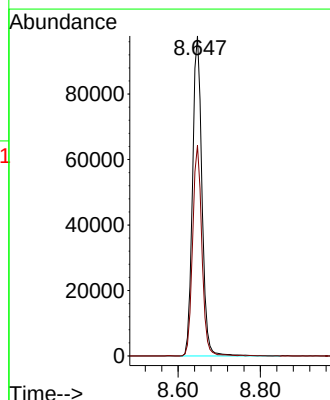
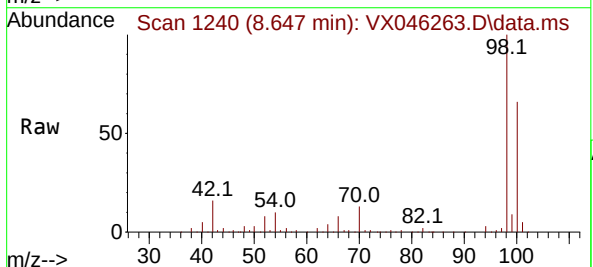
Acq: 19 May 2025 13:27

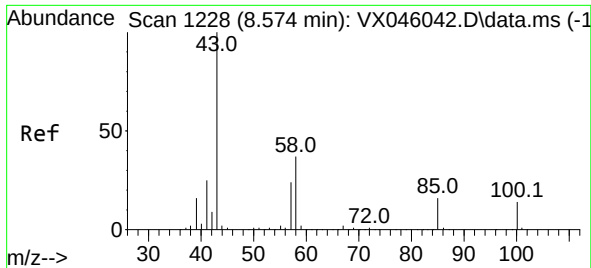
Tgt Ion: 98 Resp: 155498

Ion Ratio Lower Upper

98 100

100 64.5 53.5 80.3

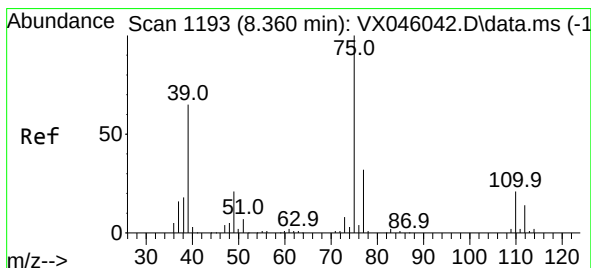
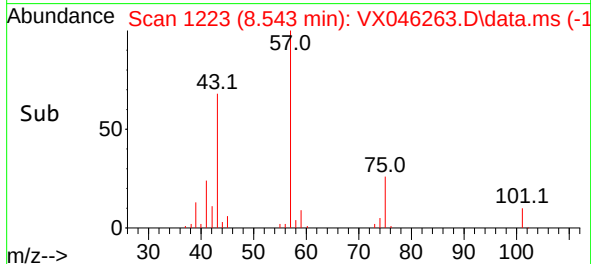
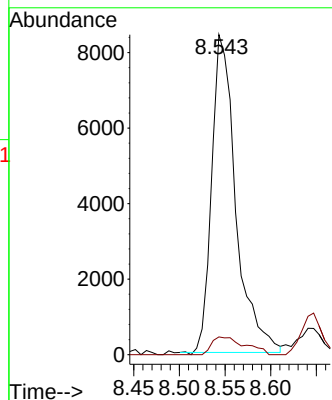
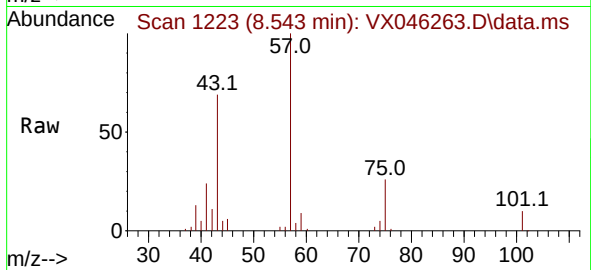




#51
4-Methyl-2-Pentanone
Concen: 10.558 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

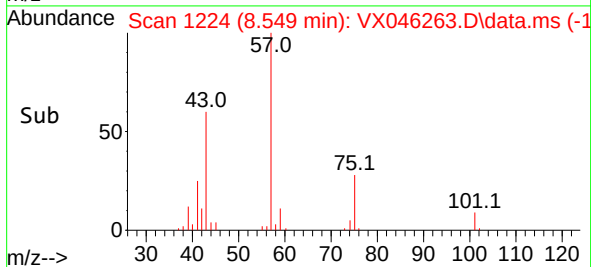
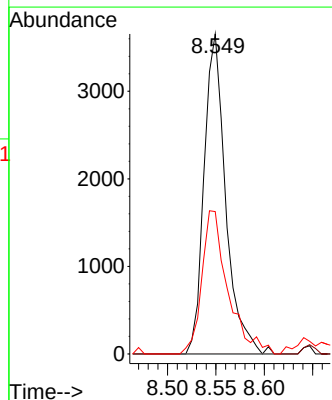
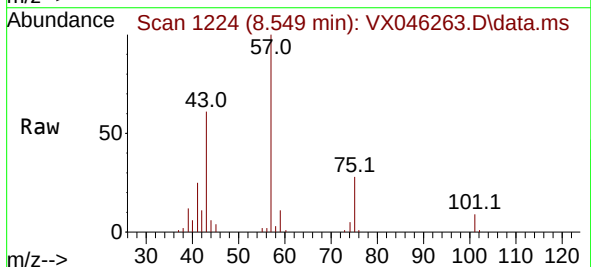
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

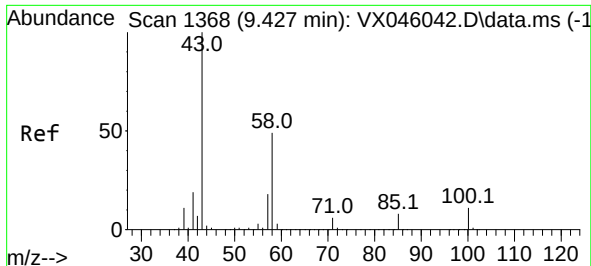
Tgt Ion: 43 Resp: 15429
Ion Ratio Lower Upper
43 100
58 7.7 28.9 43.3#



#54
cis-1,3-Dichloropropene
Concen: 4.389 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.189 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 75 Resp: 5698
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 44.5 52.2 78.4#

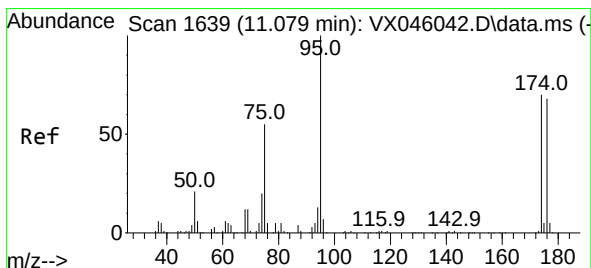
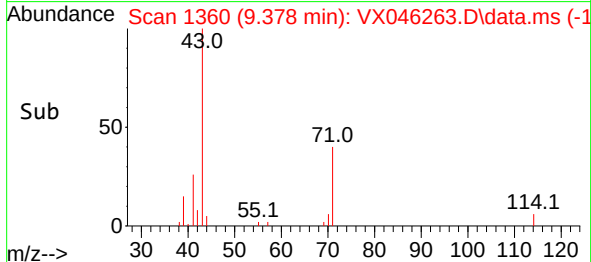
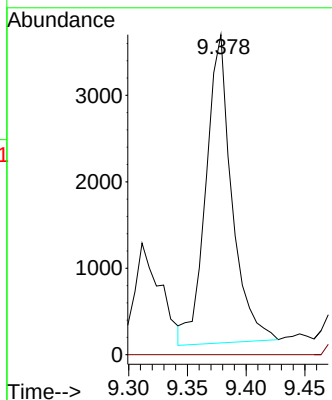
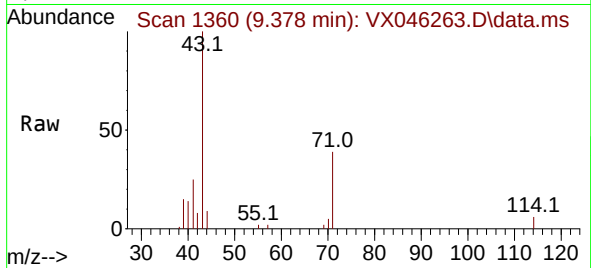




#59
2-Hexanone
Concen: 5.054 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

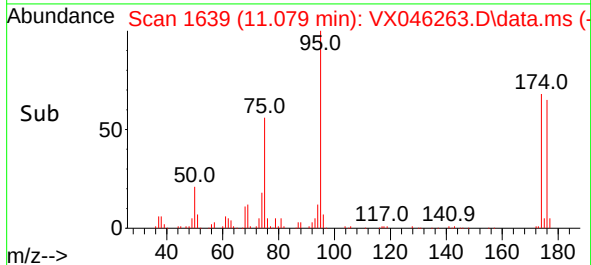
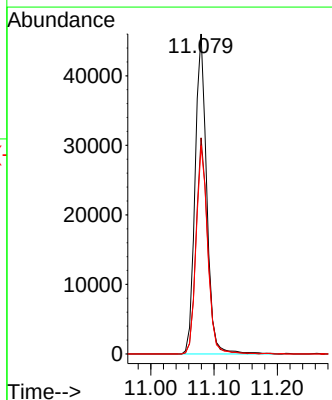
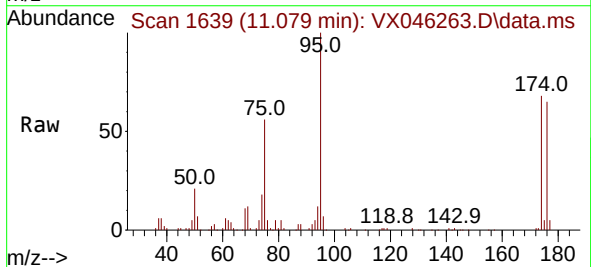
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

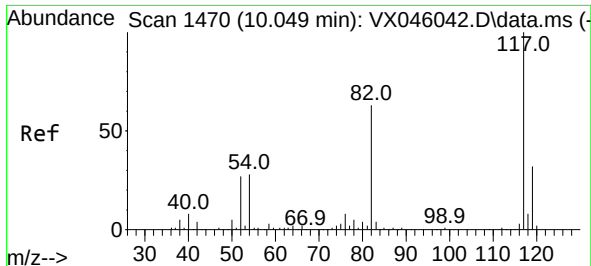
Tgt Ion: 43 Resp: 5464
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 50.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 95 Resp: 58836
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.8 0.0 131.4

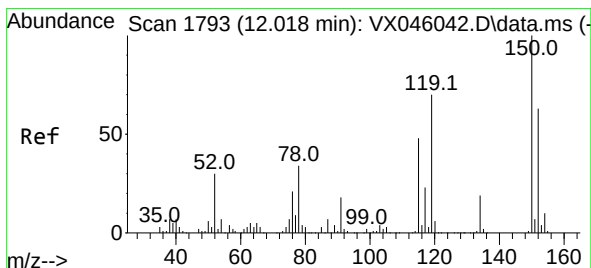
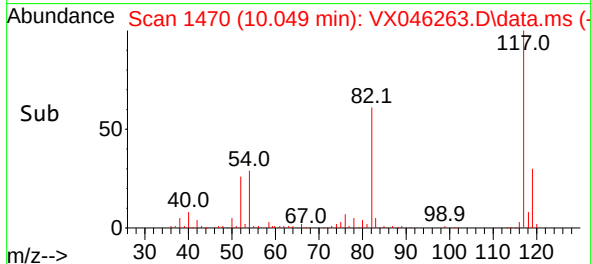
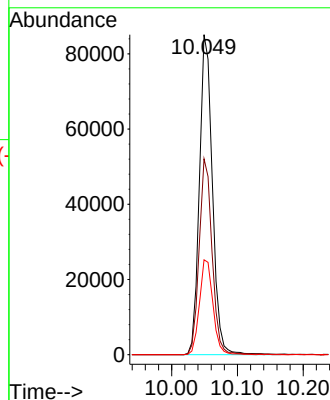
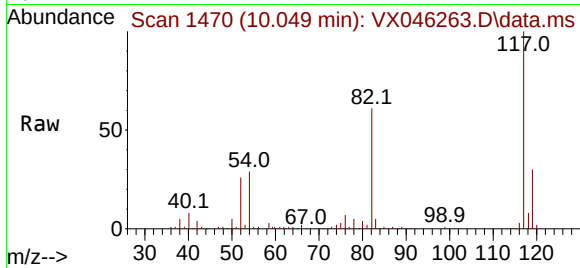




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

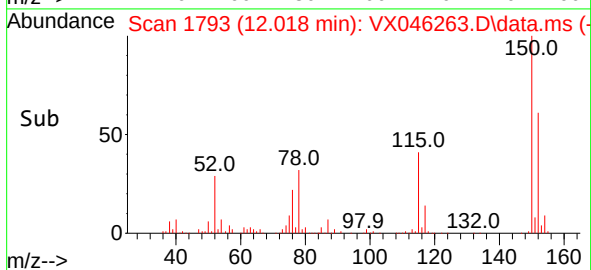
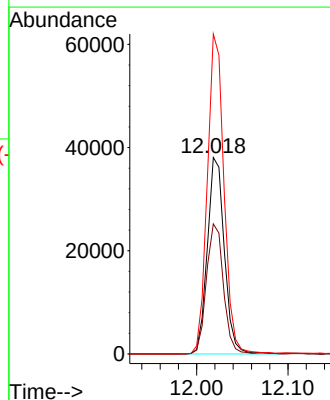
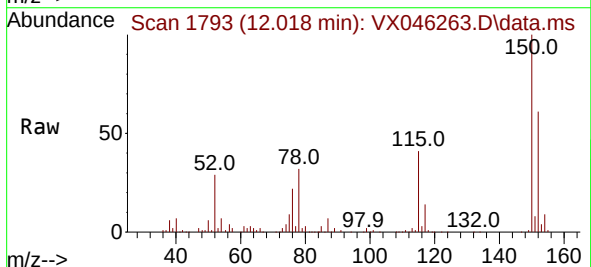
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

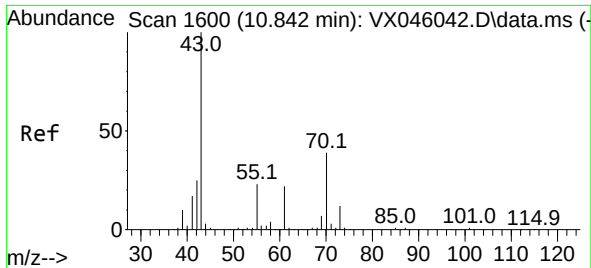
Tgt Ion:117 Resp: 116840
Ion Ratio Lower Upper
117 100
82 61.2 50.6 76.0
119 29.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion:152 Resp: 49136
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 159.8 0.0 351.0

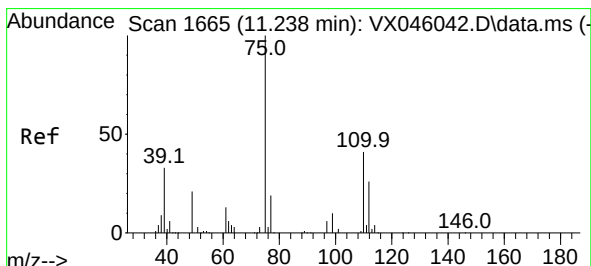
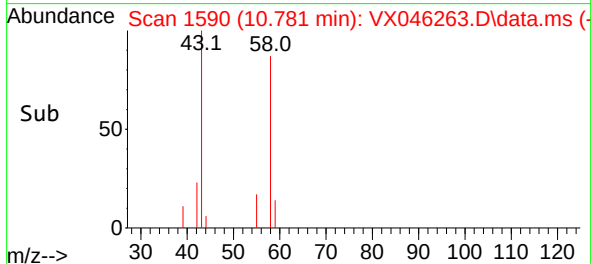
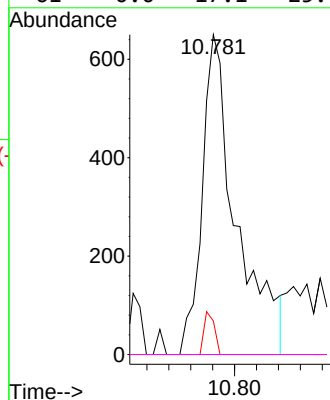
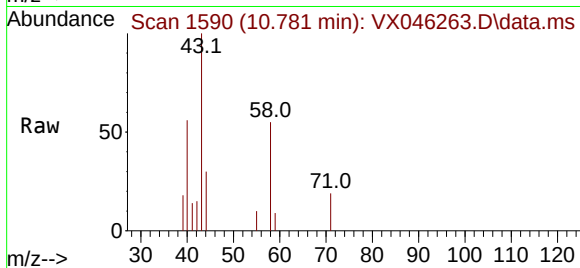




#74
N-amy1 acetate
Concen: 0.742 ug/l
RT: 10.781 min Scan# 1639
Delta R.T. -0.061 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

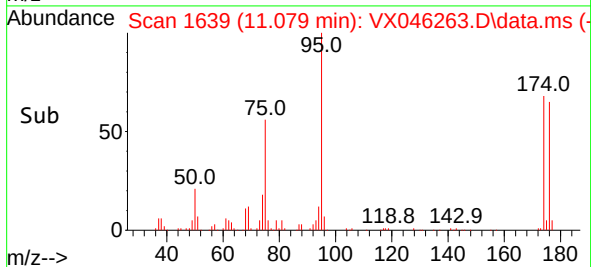
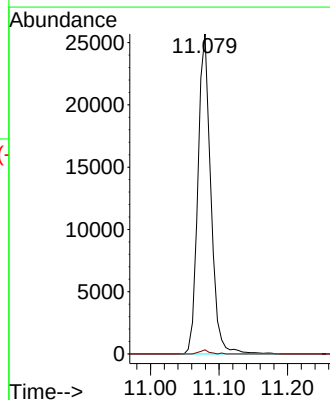
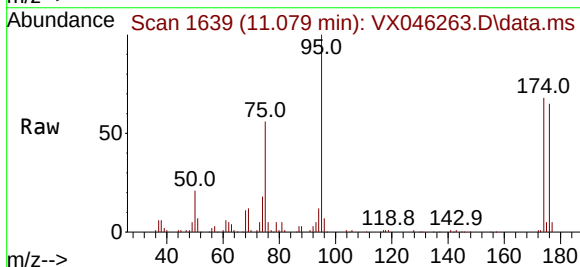
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

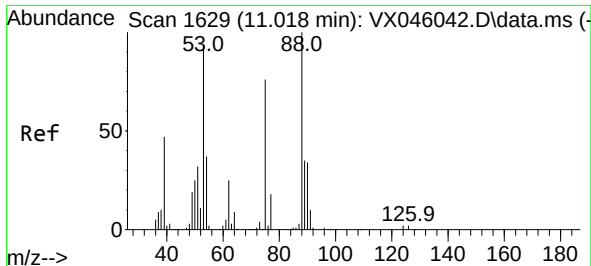
Tgt Ion: 43	Resp: 1402
Ion Ratio	Lower Upper
43 100	
70 0.0	30.9 46.3#
55 4.1	18.7 28.1#
61 0.0	17.1 25.7#



#76
1,2,3-Trichloropropane
Concen: 28.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 75	Resp:	33707	
Ion Ratio	Lower	Upper	
75 100			
77 1.0	20.5	61.5#	

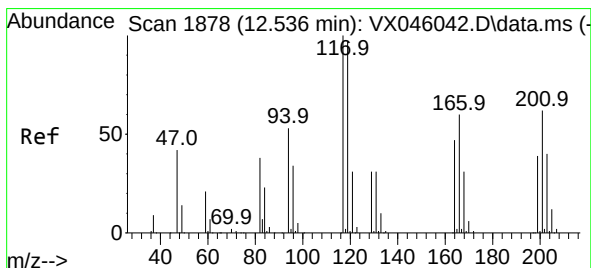
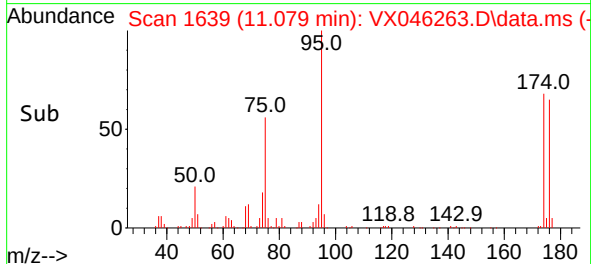
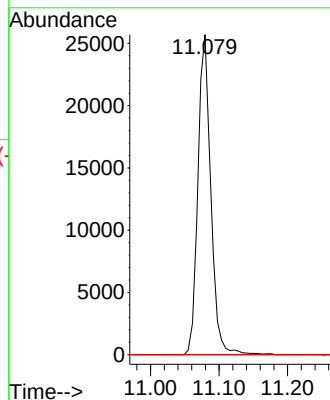
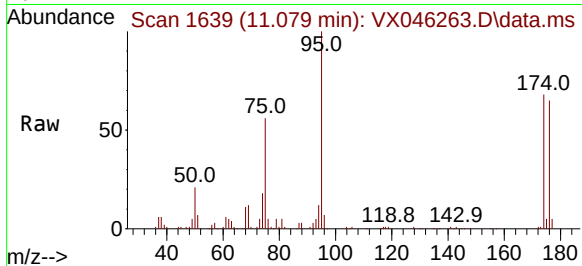




#81
trans-1,4-Dichloro-2-butene
Concen: 92.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

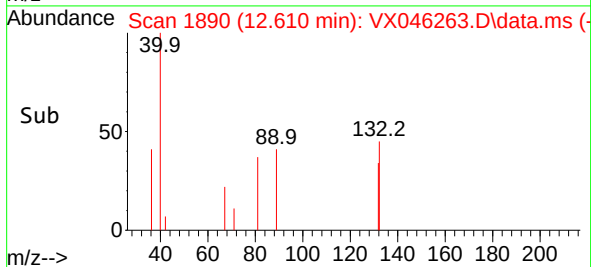
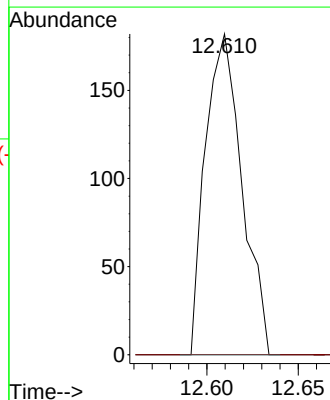
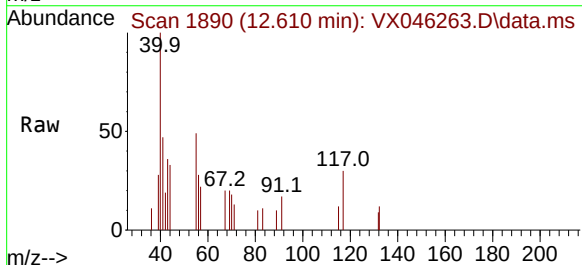
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-1

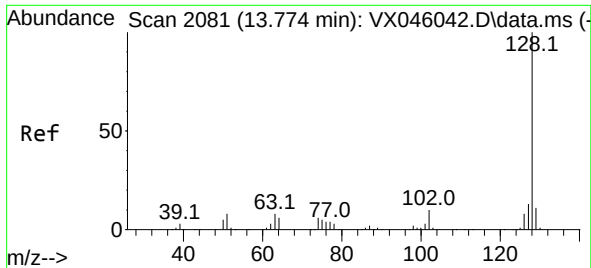
Tgt Ion: 75 Resp: 33707
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.442 ug/l
RT: 12.610 min Scan# 1890
Delta R.T. 0.073 min
Lab File: VX046263.D
Acq: 19 May 2025 13:27

Tgt Ion: 117 Resp: 254
Ion Ratio Lower Upper
117 100
201 0.0 31.6 94.7#





#95

Naphthalene

Concen: 8.886 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046263.D

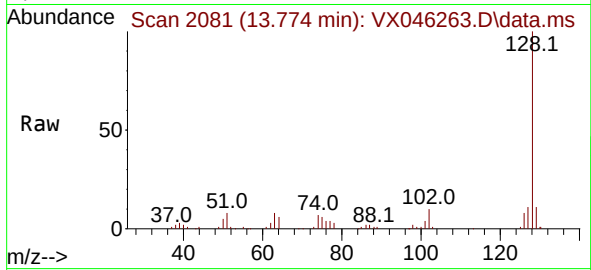
Acq: 19 May 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

L1-WC-1



Tgt Ion:128 Resp: 30446

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 10.9 8.6 13.0

