

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046688.D
 Acq On : 13 Jun 2025 14:53
 Operator : JC/MD
 Sample : Q2287-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-SLAB

Quant Time: Jun 13 23:30:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

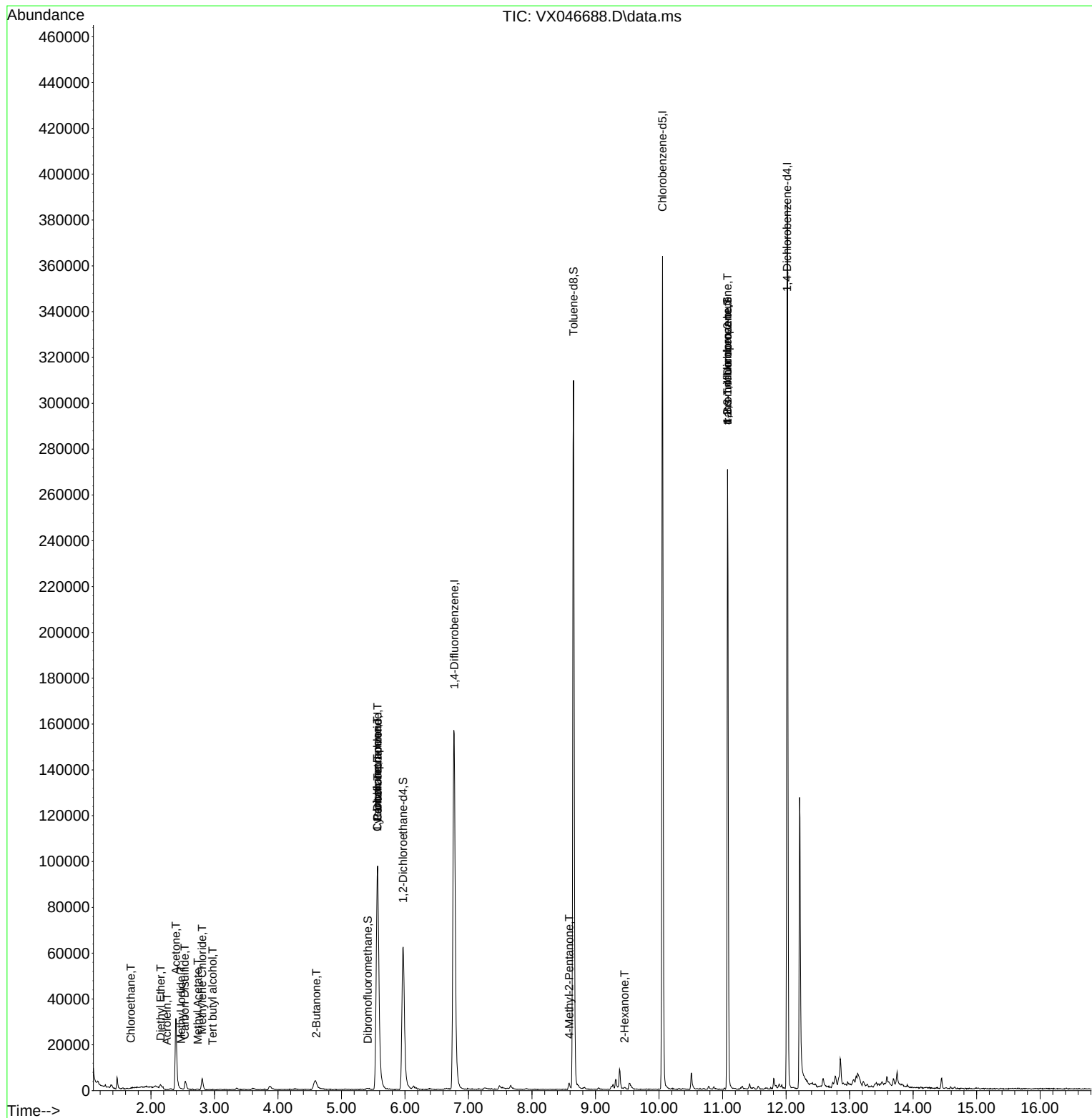
Internal Standards						
1) Pentafluorobenzene	5.568	168	93474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	167468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	68212	41.017	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.040%
35) Dibromofluoromethane	5.416	113	680	0.552	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.100%#
50) Toluene-d8	8.653	98	185606	45.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.420%
62) 4-Bromofluorobenzene	11.079	95	72729	43.293	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.580%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	554	0.725	ug/l #	44
8) Diethyl Ether	2.154	74	414	0.601	ug/l	76
10) Methyl Iodide	2.477	142	371	0.279	ug/l #	71
11) Tert butyl alcohol	2.971	59	144	0.780	ug/l #	72
13) Acrolein	2.252	56	20	30.084	ug/l #	15
16) Acetone	2.392	43	37346	60.731	ug/l	94
17) Carbon Disulfide	2.532	76	602	0.457	ug/l #	76
18) Methyl Acetate	2.739	43	472	0.238	ug/l #	55
20) Methylene Chloride	2.806	84	2434	1.824	ug/l	87
25) 2-Butanone	4.605	43	3305	3.570	ug/l	95
31) Cyclohexane	5.562	56	2167	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	8247	4.688	ug/l #	53
38) Carbon Tetrachloride	5.568	117	10228	5.191	ug/l #	18
51) 4-Methyl-2-Pentanone	8.586	43	2257	1.187	ug/l	92
59) 2-Hexanone	9.458	43	901	0.660	ug/l	66
76) 1,2,3-Trichloropropane	11.079	75	39258	24.313	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39258	70.133	ug/l #	1

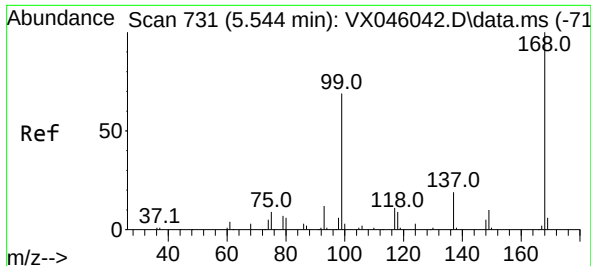
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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CONCRETE-SLAB

Quant Time: Jun 13 23:30:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

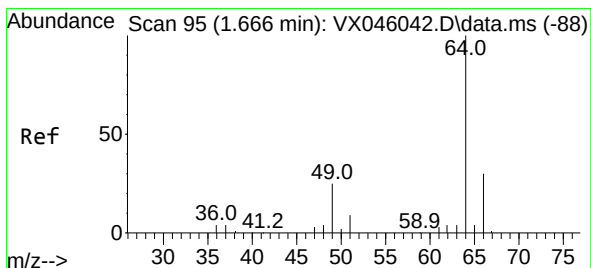
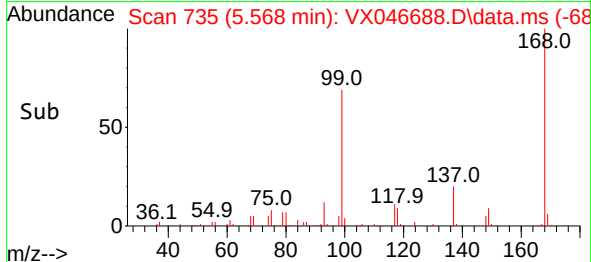
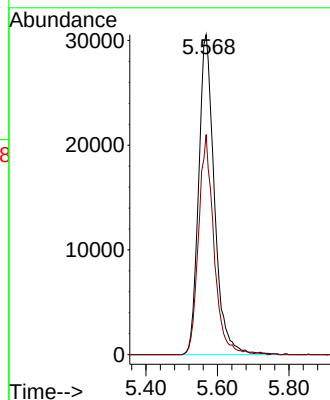
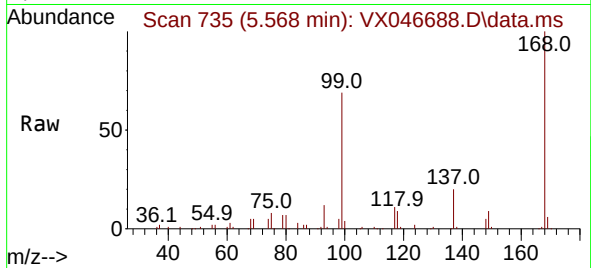




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

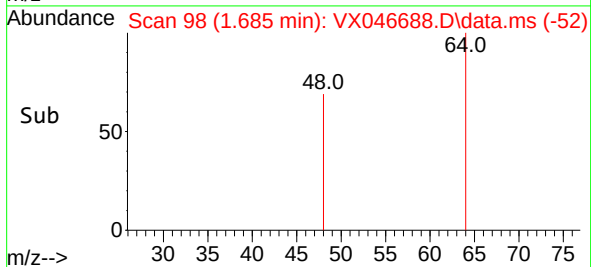
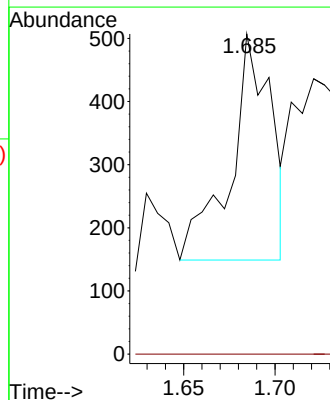
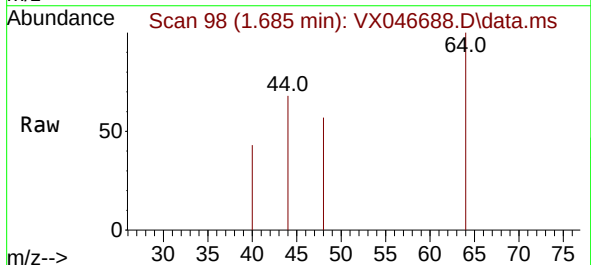
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

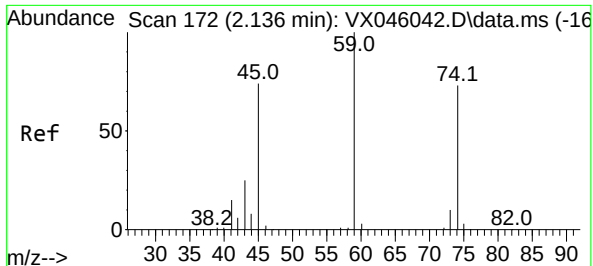
Tgt Ion:168 Resp: 93474
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3



#6
Chloroethane
Concen: 0.725 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.018 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 64 Resp: 554
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

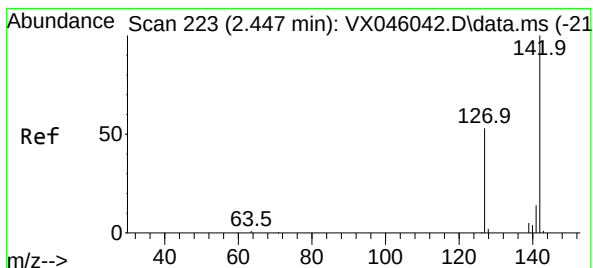
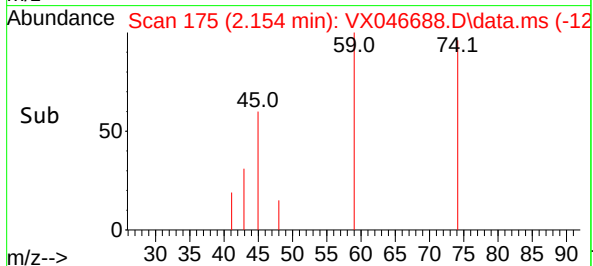
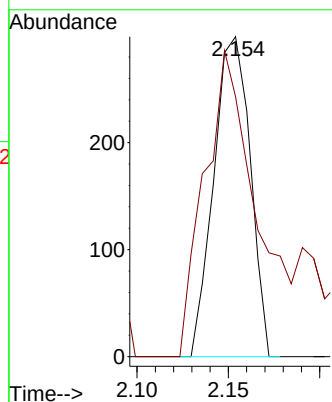
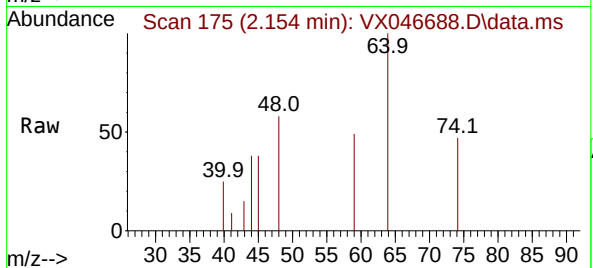




#8
Diethyl Ether
Concen: 0.601 ug/l
RT: 2.154 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

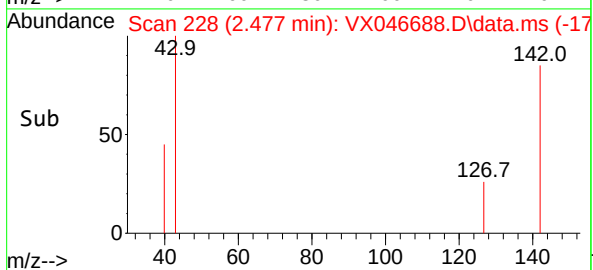
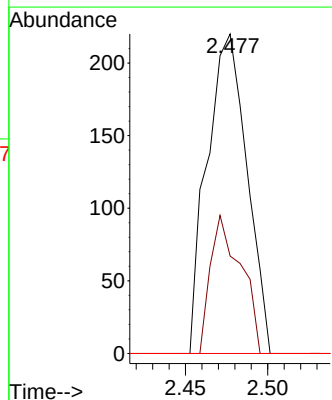
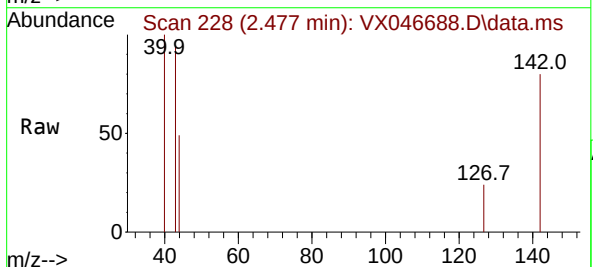
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

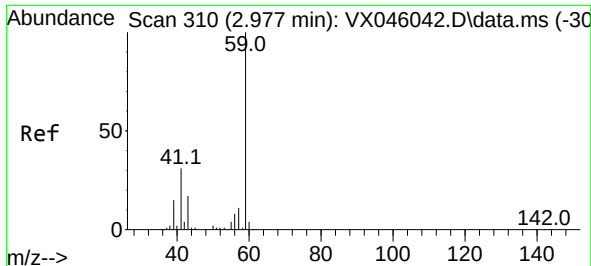
Tgt Ion: 74 Resp: 414
Ion Ratio Lower Upper
74 100
45 135.7 54.9 164.8



#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

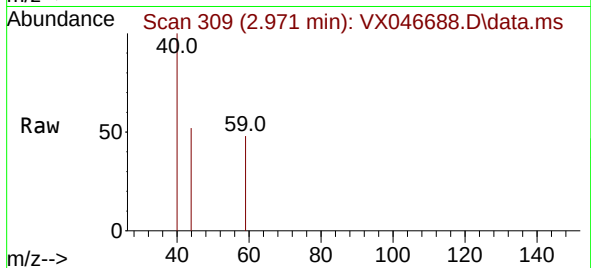
Tgt Ion: 142 Resp: 371
Ion Ratio Lower Upper
142 100
127 33.2 41.7 62.5#
141 0.0 11.5 17.3#



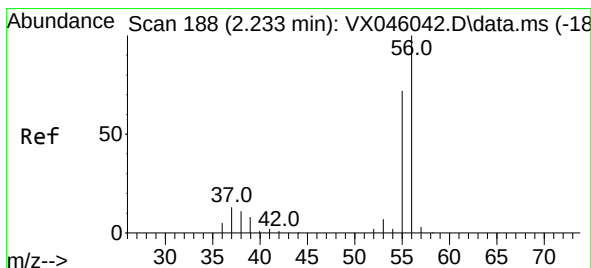
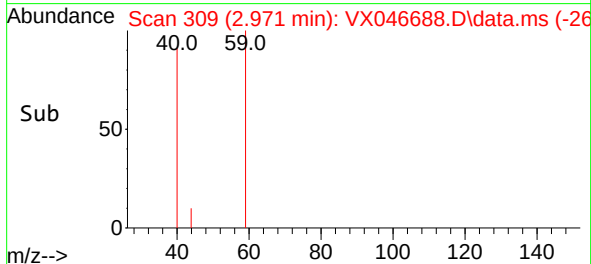
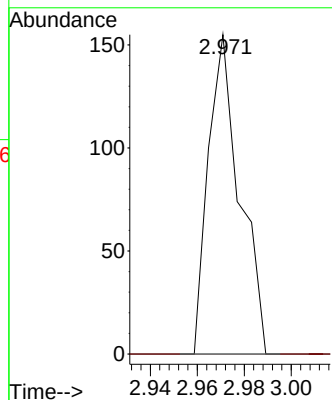


#11
Tert butyl alcohol
Concen: 0.780 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

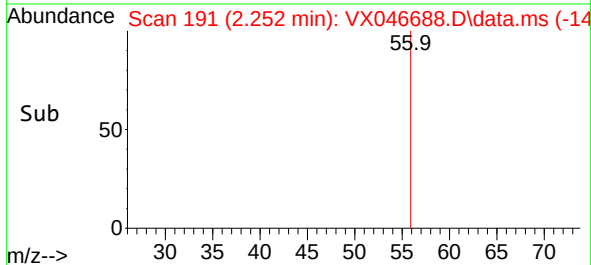
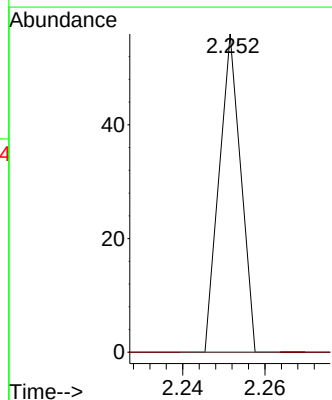
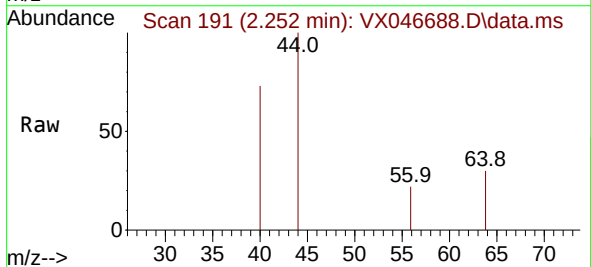


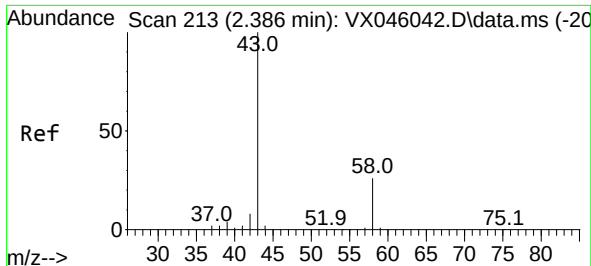
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 30.084 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.001 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#

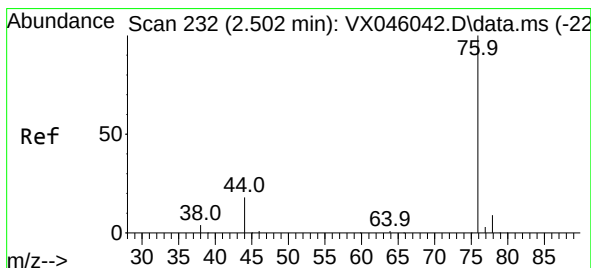
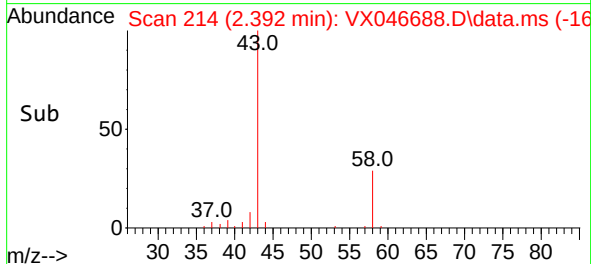
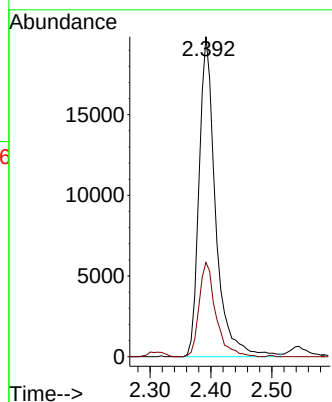
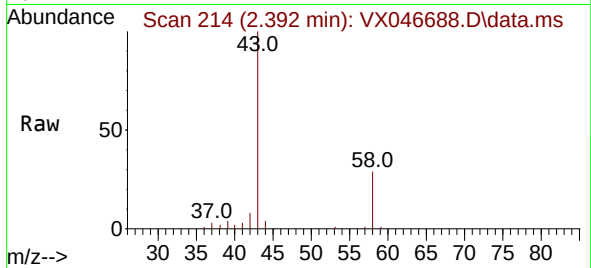




#16
Acetone
Concen: 60.731 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

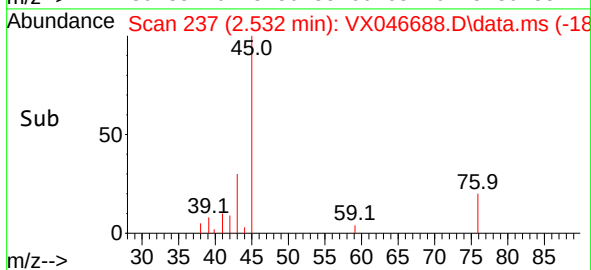
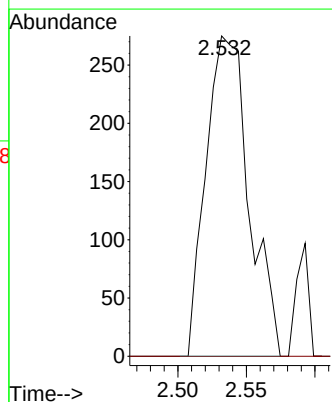
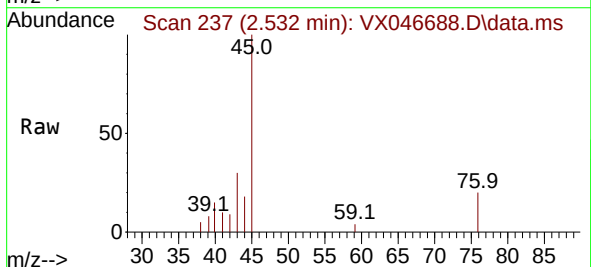
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

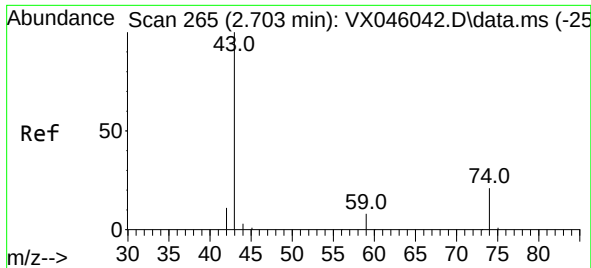
Tgt Ion: 43 Resp: 37346
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8



#17
Carbon Disulfide
Concen: 0.457 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 76 Resp: 602
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

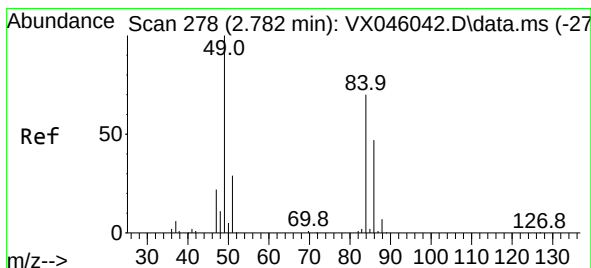
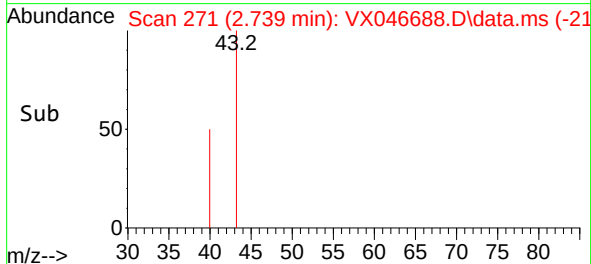
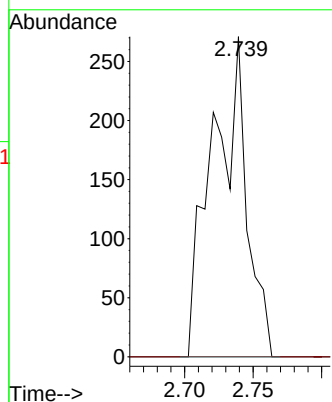
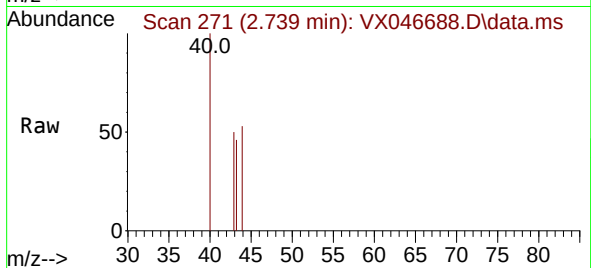




#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.739 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

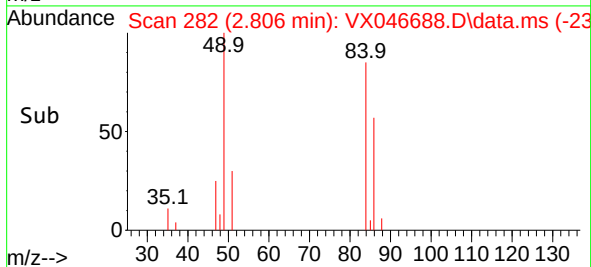
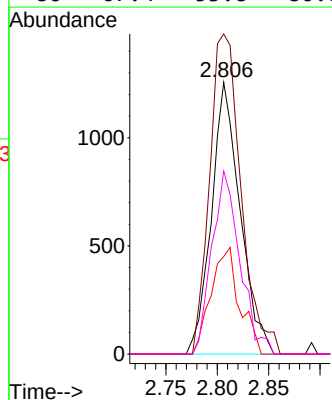
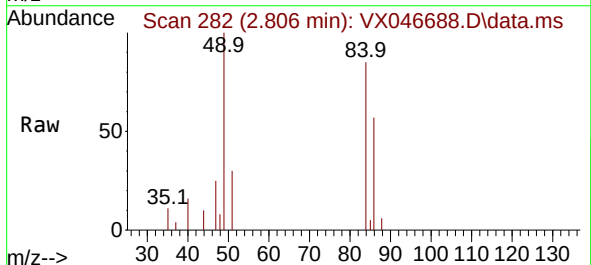
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

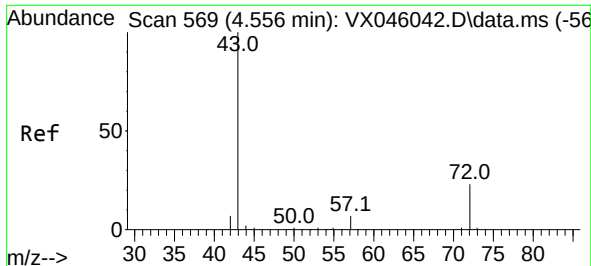
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.824 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 84 Resp: 2434
Ion Ratio Lower Upper
84 100
49 117.8 113.9 170.9
51 35.9 33.5 50.3
86 67.4 53.8 80.8

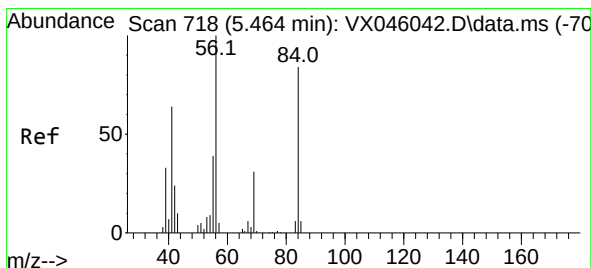
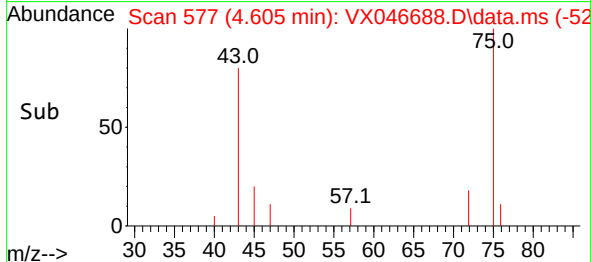
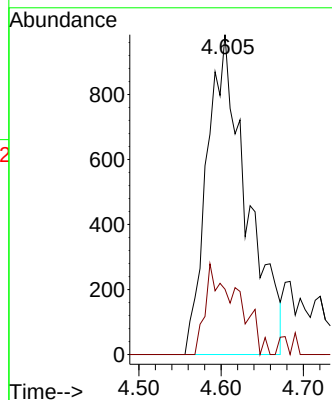
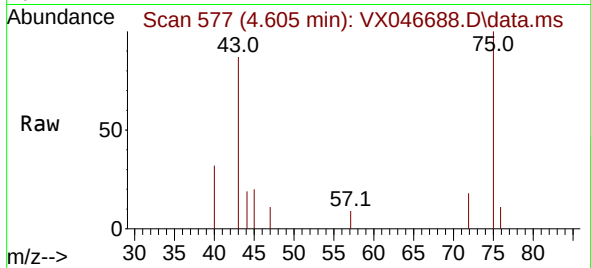




#25
2-Butanone
Concen: 3.570 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

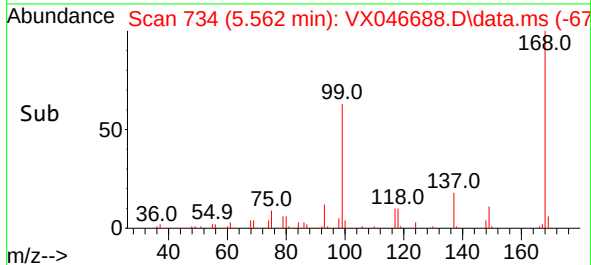
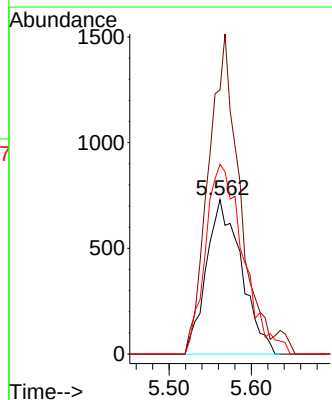
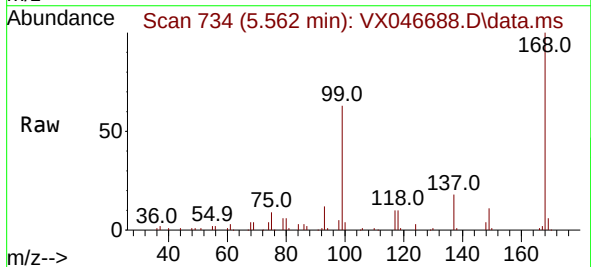
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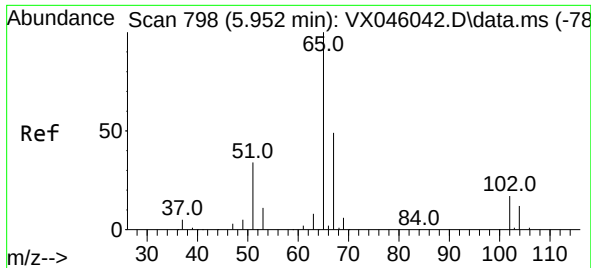
Tgt Ion: 43 Resp: 3305
Ion Ratio Lower Upper
43 100
72 20.4 18.4 27.6



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.073 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 56 Resp: 2167
Ion Ratio Lower Upper
56 100
69 171.0 24.4 36.6#
84 122.7 66.9 100.3#

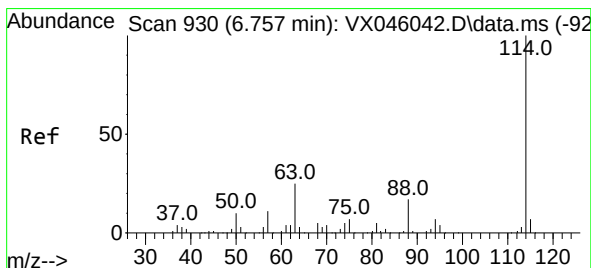
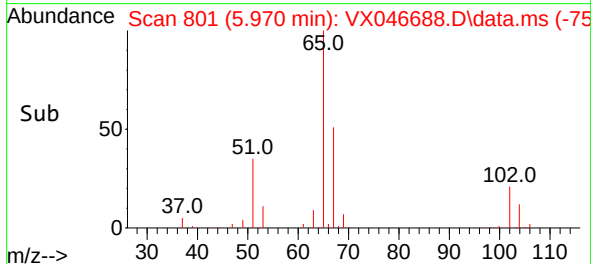
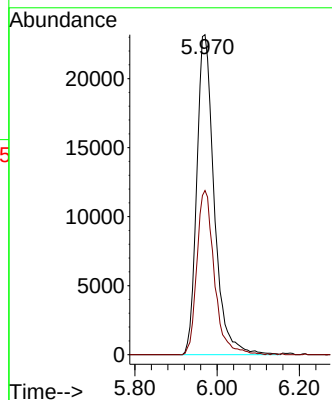
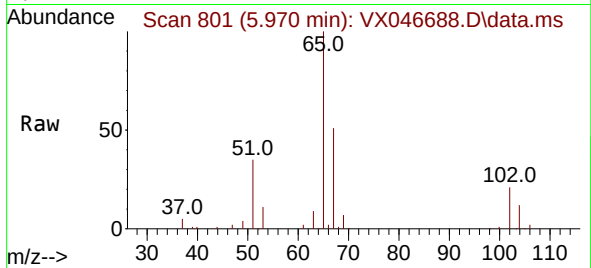




#33
 1,2-Dichloroethane-d4
 Concen: 41.017 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VX046688.D
 Acq: 13 Jun 2025 14:53

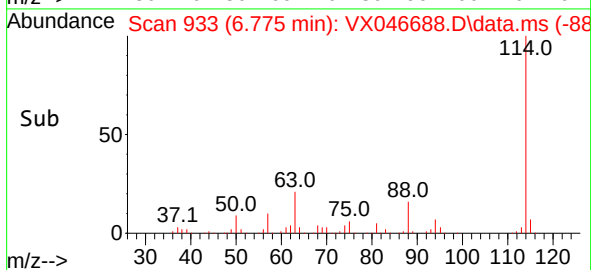
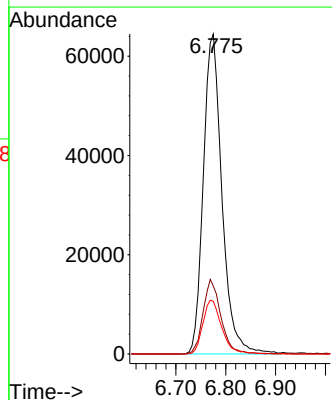
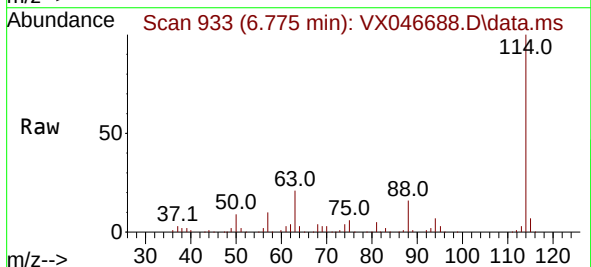
Instrument :
 MSVOA_X
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 CONCRETE-SLAB

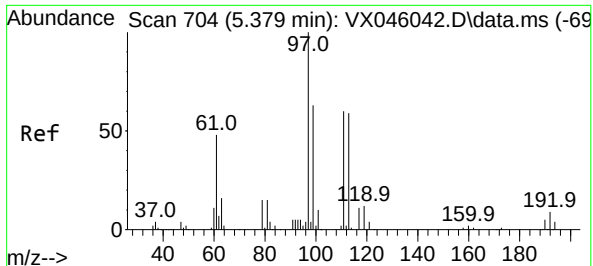
Tgt Ion: 65 Resp: 68212
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.000 min
 Lab File: VX046688.D
 Acq: 13 Jun 2025 14:53

Tgt Ion: 114 Resp: 167468
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 49.2
 88 16.5 0.0 33.6

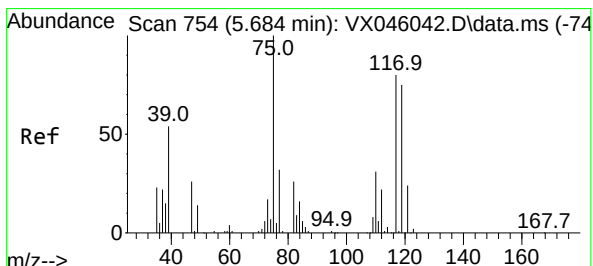
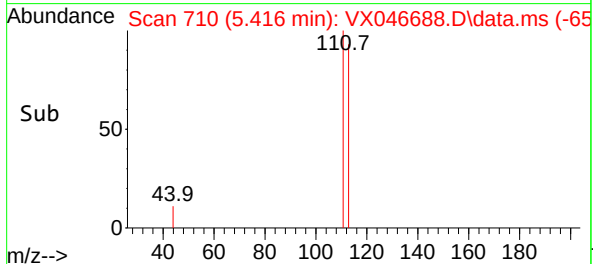
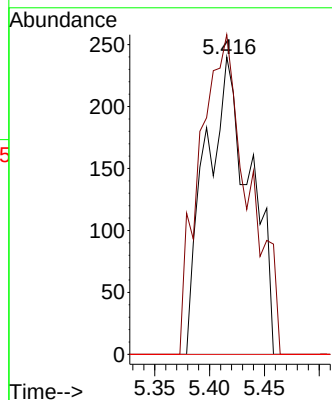
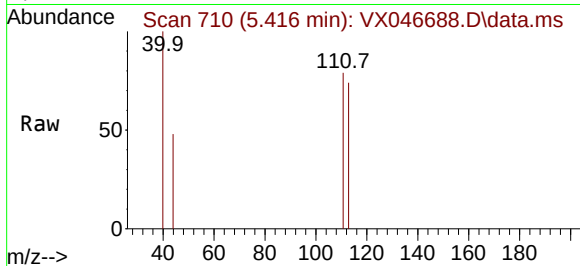




#35
 Dibromofluoromethane
 Concen: 0.552 ug/l
 RT: 5.416 min Scan# 710
 Delta R.T. 0.013 min
 Lab File: VX046688.D
 Acq: 13 Jun 2025 14:53

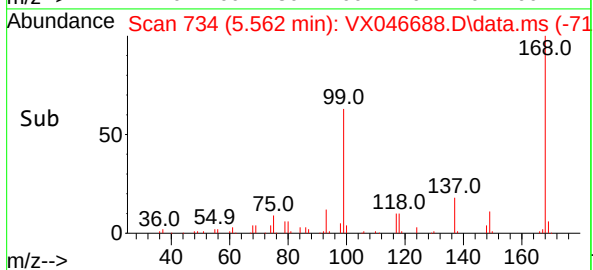
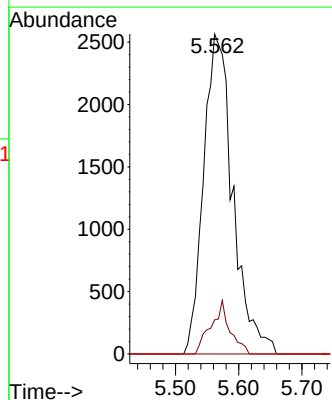
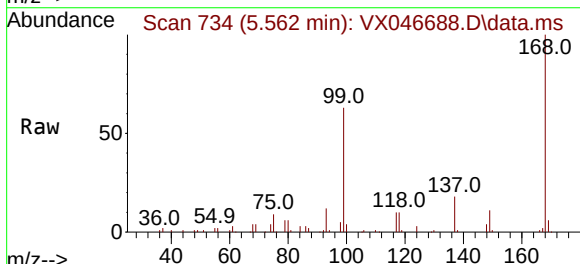
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-SLAB

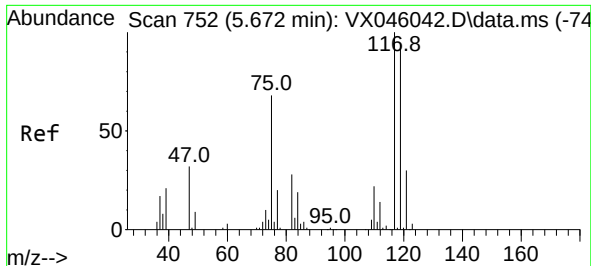
Tgt Ion:113 Resp: 680
 Ion Ratio Lower Upper
 113 100
 111 117.5 83.1 124.7
 192 0.0 13.3 19.9#



#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.152 min
 Lab File: VX046688.D
 Acq: 13 Jun 2025 14:53

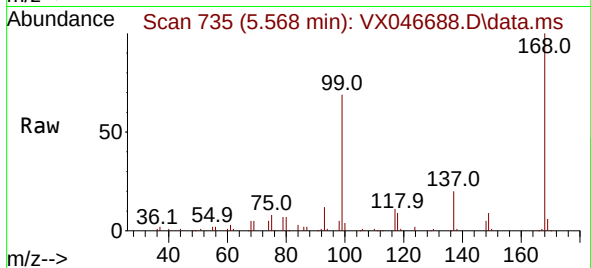
Tgt Ion: 75 Resp: 8247
 Ion Ratio Lower Upper
 75 100
 110 10.7 16.3 48.9#
 77 0.0 24.3 36.5#



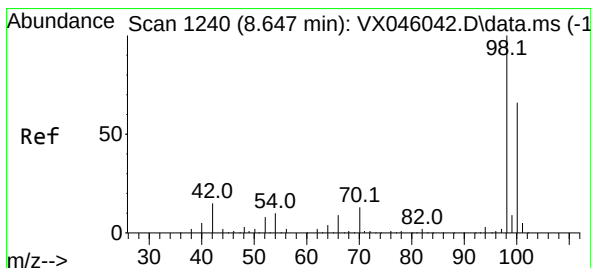
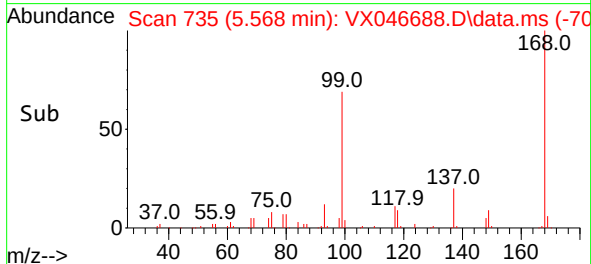
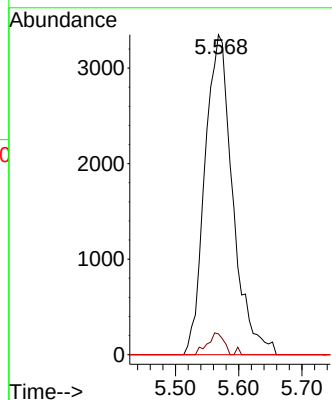


#38
Carbon Tetrachloride
Concen: 5.191 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

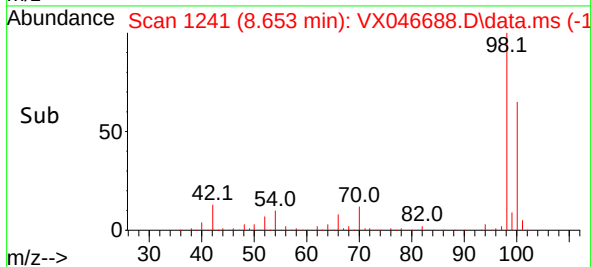
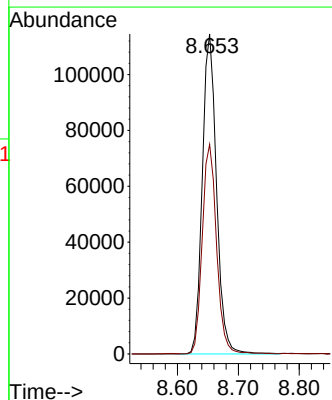
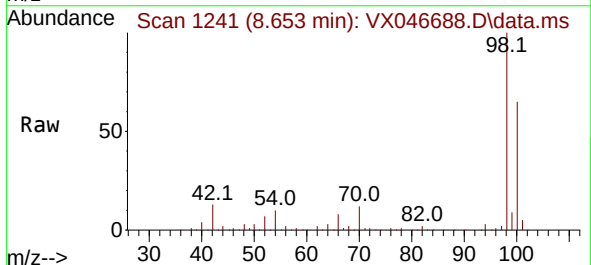


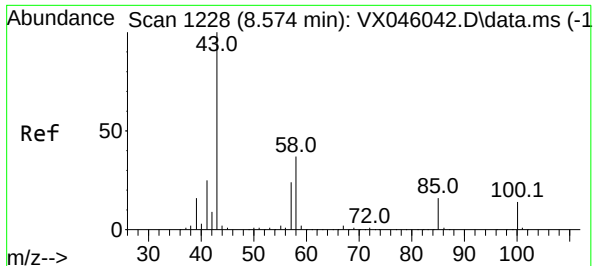
Tgt Ion:117 Resp: 10228
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 45.713 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 98 Resp: 185606
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

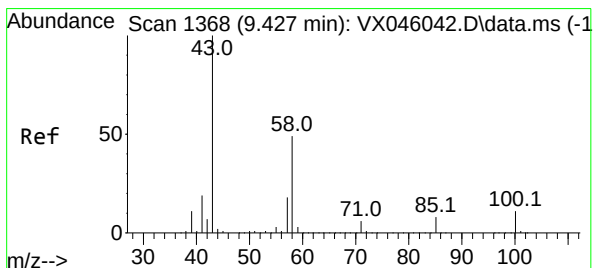
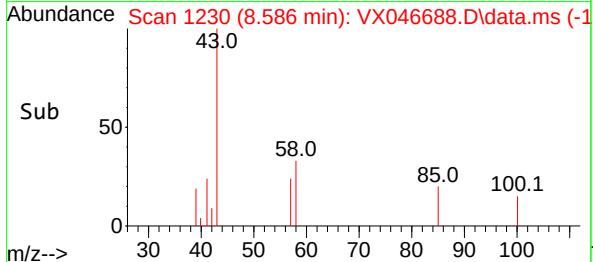
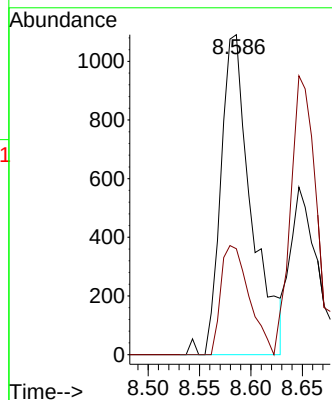
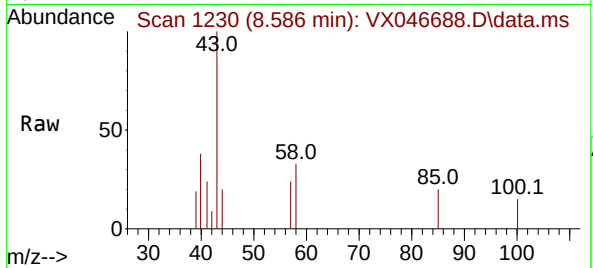




#51
4-Methyl-2-Pentanone
Concen: 1.187 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

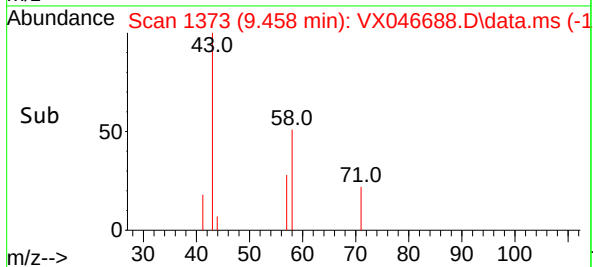
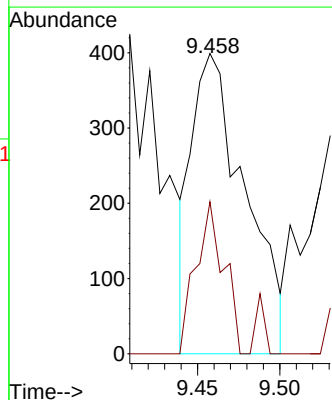
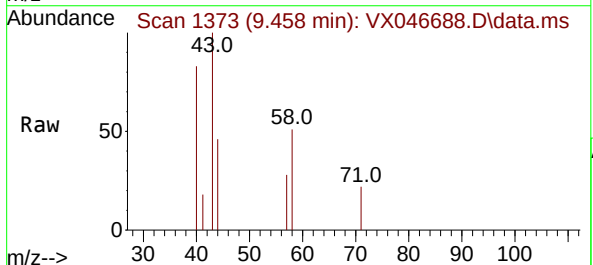
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

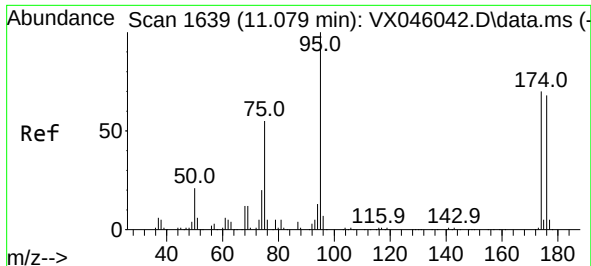
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
58 31.5 28.9 43.3



#59
2-Hexanone
Concen: 0.660 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.025 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 26.6 24.9 74.6

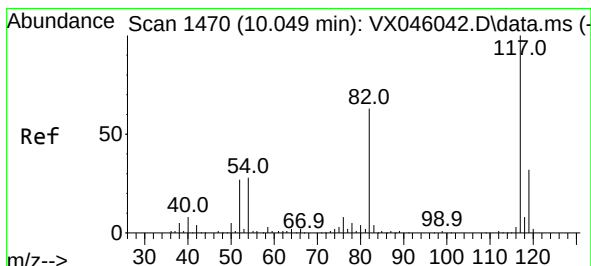
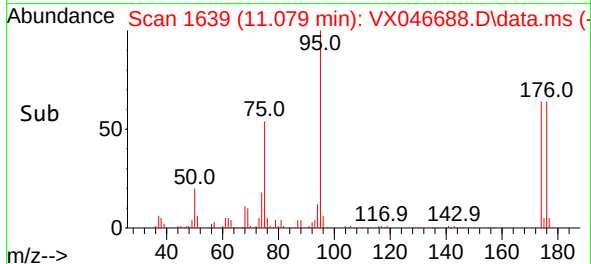
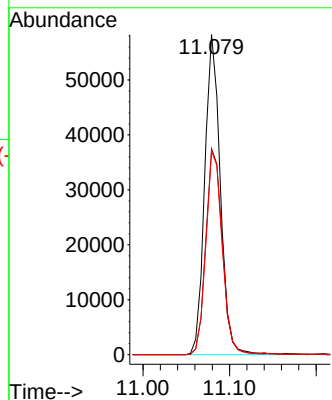
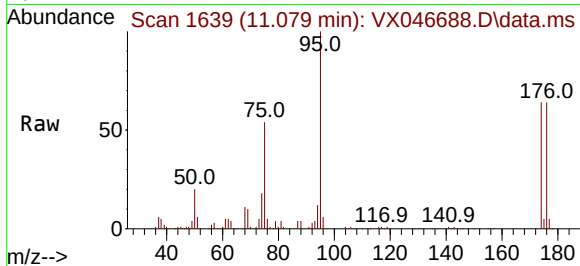




#62
4-Bromofluorobenzene
Concen: 43.293 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

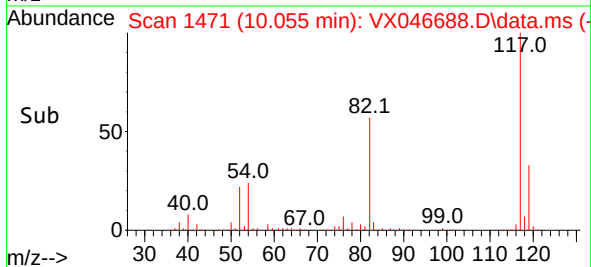
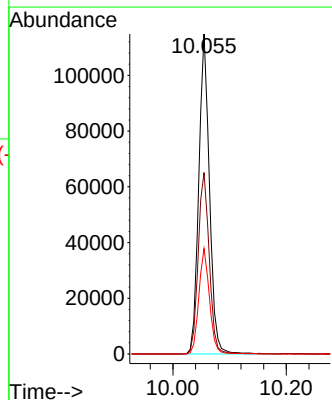
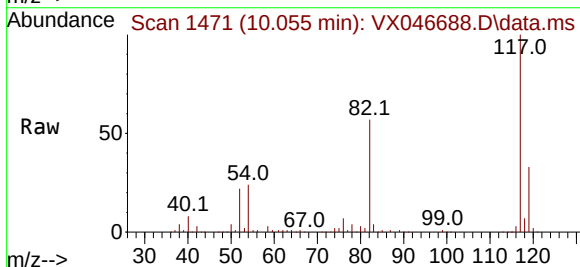
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLAB

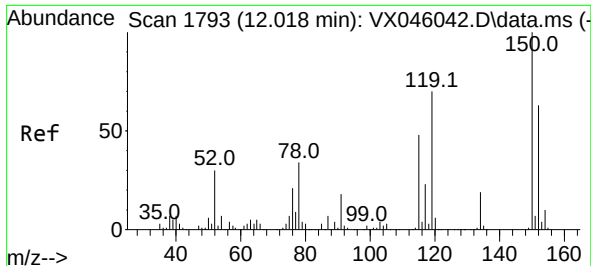
Tgt Ion: 95 Resp: 72729
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046688.D
Acq: 13 Jun 2025 14:53

Tgt Ion: 117 Resp: 150066
Ion Ratio Lower Upper
117 100
82 56.7 50.6 76.0
119 32.9 25.8 38.6

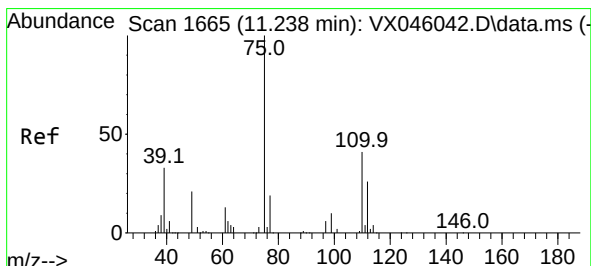
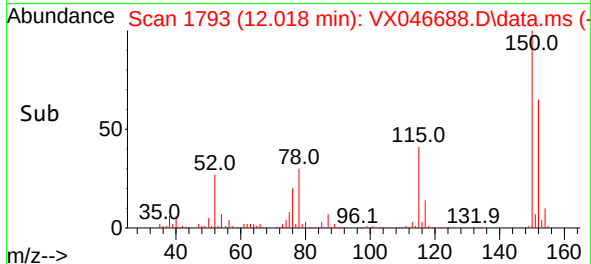
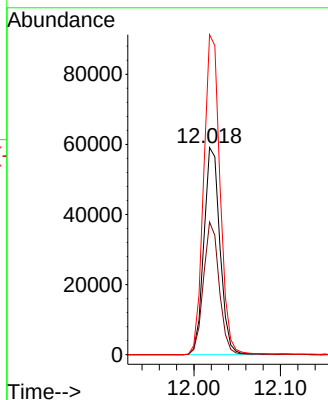
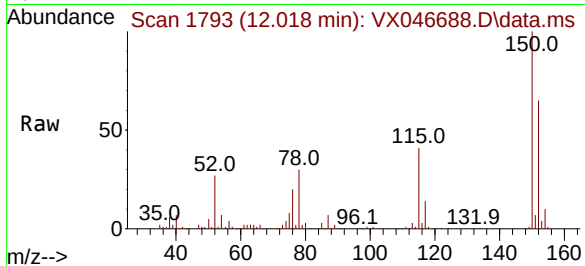




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046688.D
 Acq: 13 Jun 2025 14:53

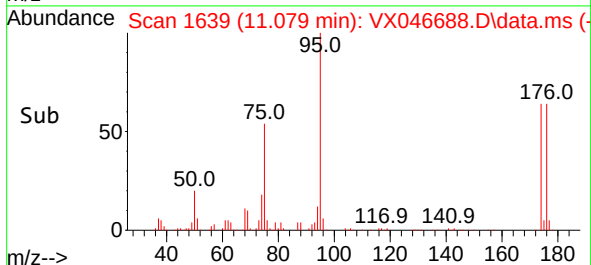
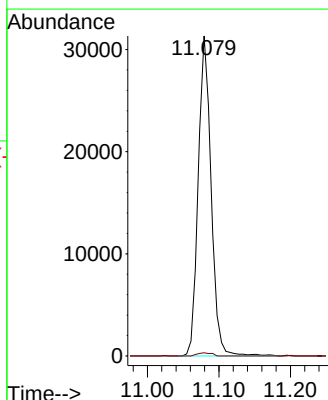
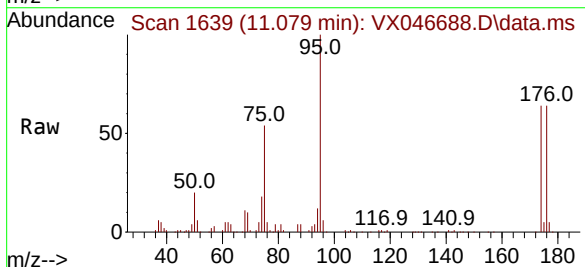
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-SLAB

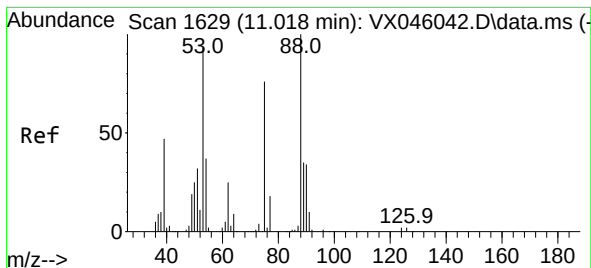
Tgt Ion:152 Resp: 76233
 Ion Ratio Lower Upper
 152 100
 115 63.0 46.9 140.7
 150 157.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 24.313 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046688.D
 Acq: 13 Jun 2025 14:53

Tgt Ion: 75 Resp: 39258
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.133 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046688.D
 Acq: 13 Jun 2025 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-SLAB

Tgt Ion: 75 Resp: 39258
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

