

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046701.D
 Acq On : 13 Jun 2025 19:34
 Operator : JC/MD
 Sample : Q2287-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-SLABRE

Quant Time: Jun 13 23:36:12 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)

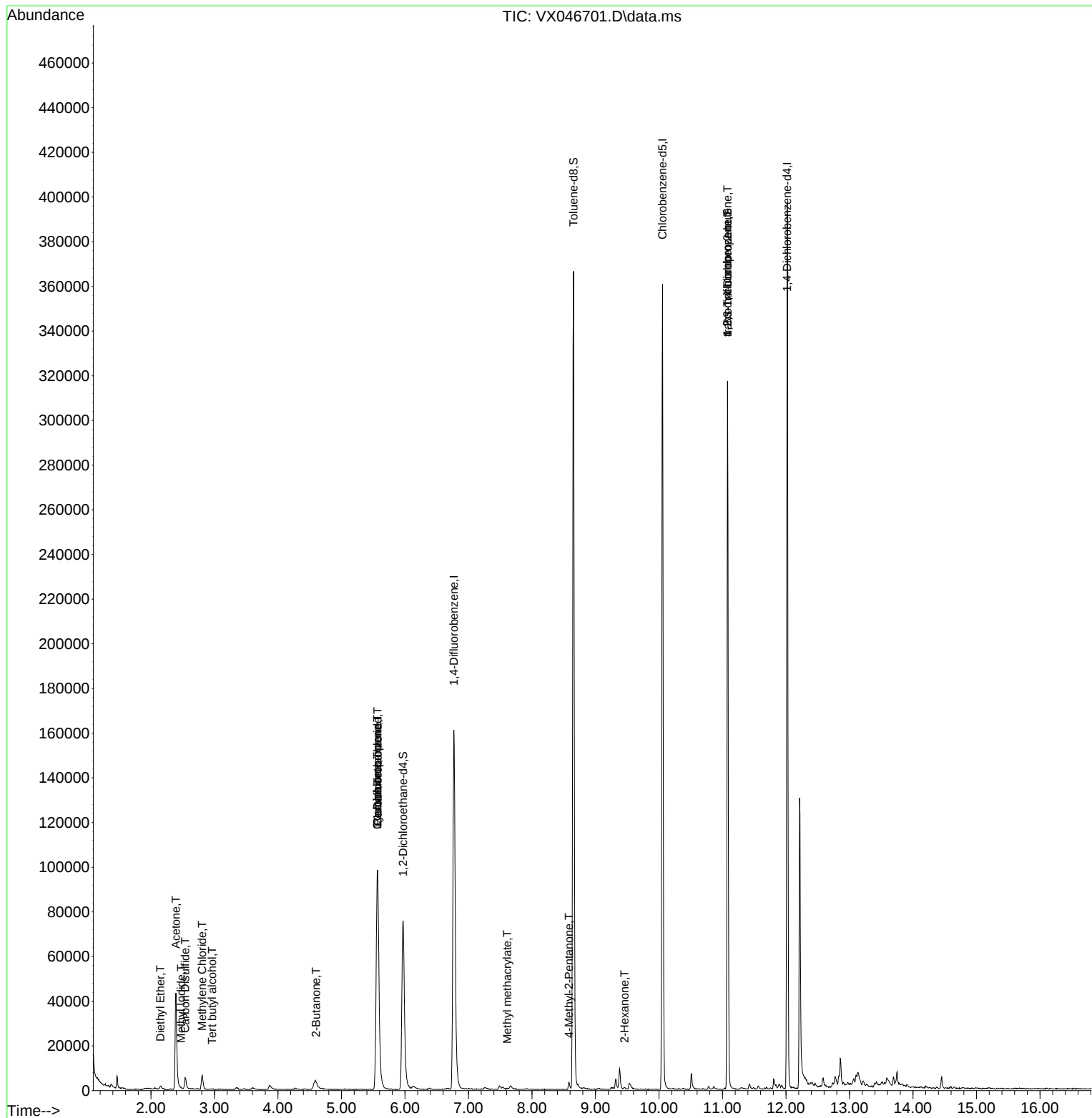
Internal Standards						
1) Pentafluorobenzene	5.568	168	95835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	168297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	82976	48.666	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.340%		
35) Dibromofluoromethane	5.556	113	43	0.035	ug/l	0.15
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.060#		
50) Toluene-d8	8.653	98	217204	53.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.460%		
62) 4-Bromofluorobenzene	11.079	95	85311	50.533	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.060%		
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	503	0.713	ug/l	69
10) Methyl Iodide	2.477	142	301	0.221	ug/l #	50
11) Tert butyl alcohol	2.965	59	210	1.110	ug/l #	72
16) Acetone	2.392	43	52950	82.226	ug/l	94
17) Carbon Disulfide	2.538	76	797	0.531	ug/l #	76
20) Methylene Chloride	2.806	84	3083	2.254	ug/l	92
25) 2-Butanone	4.599	43	4021	4.236	ug/l	97
31) Cyclohexane	5.562	56	2294	1.157	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	8653	4.895	ug/l #	51
38) Carbon Tetrachloride	5.568	117	10902	5.506	ug/l #	18
48) Methyl methacrylate	7.610	41	645	0.417	ug/l #	22
51) 4-Methyl-2-Pentanone	8.580	43	2176	1.138	ug/l	95
59) 2-Hexanone	9.458	43	846	0.617	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	45340	27.607	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45340	79.636	ug/l #	1

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

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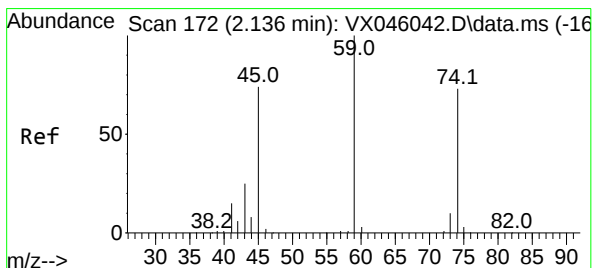
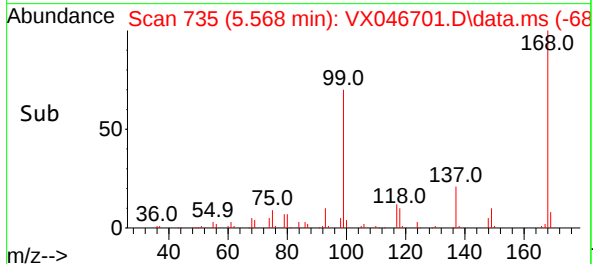
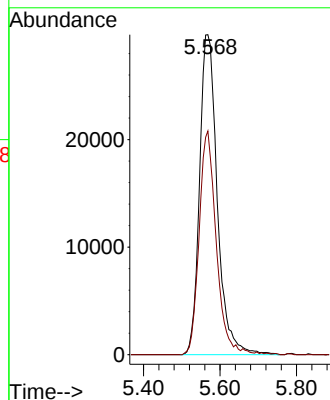
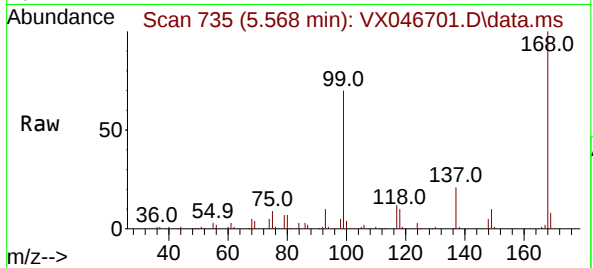




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

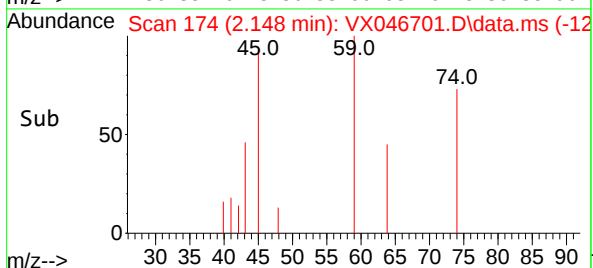
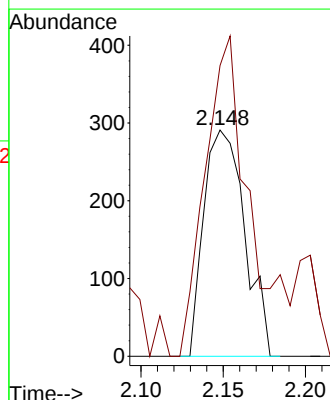
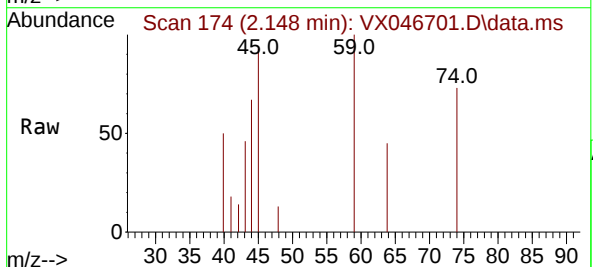
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

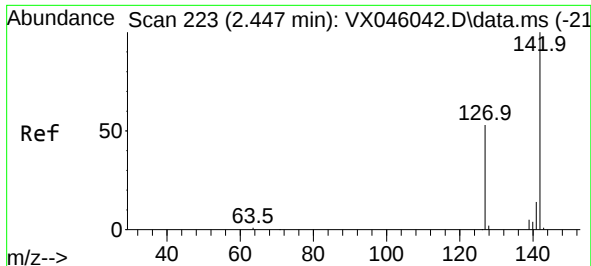
Tgt Ion:168 Resp: 95835
Ion Ratio Lower Upper
168 100
99 69.9 54.9 82.3



#8
Diethyl Ether
Concen: 0.713 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 74 Resp: 503
Ion Ratio Lower Upper
74 100
45 142.1 54.9 164.8

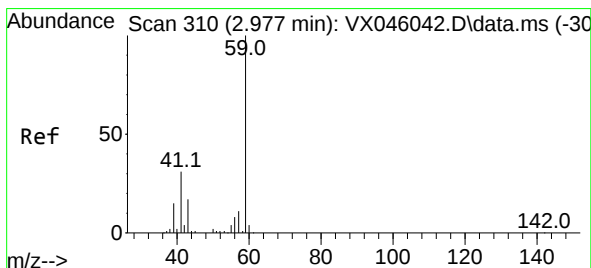
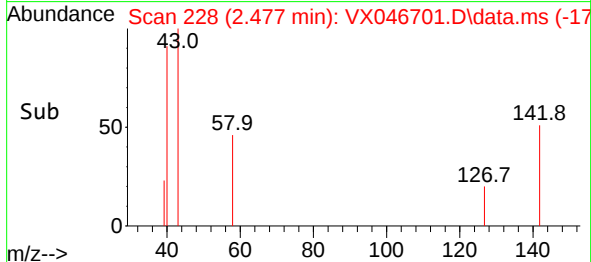
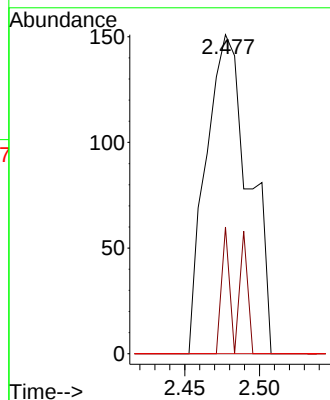
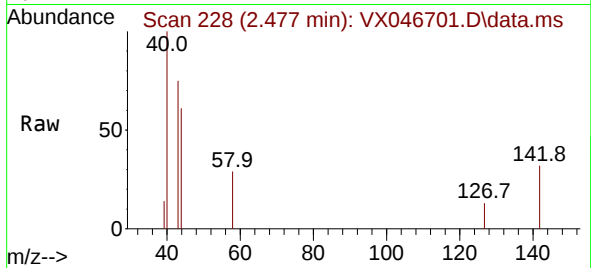




#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

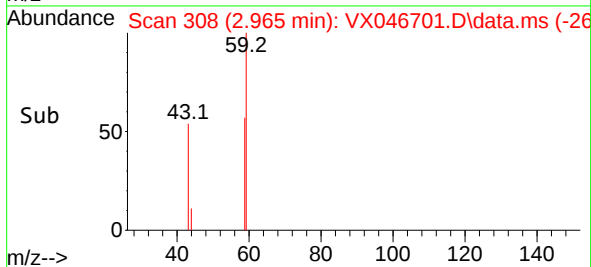
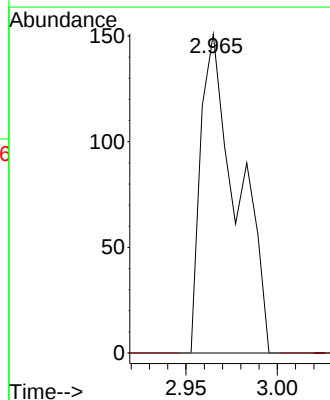
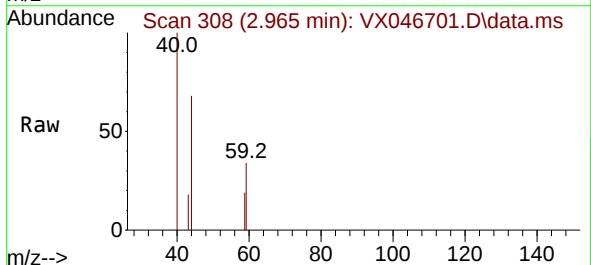
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

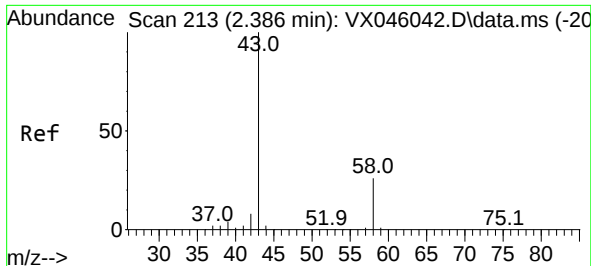
Tgt Ion:142 Resp: 301
Ion Ratio Lower Upper
142 100
127 14.3 41.7 62.5#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 1.110 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

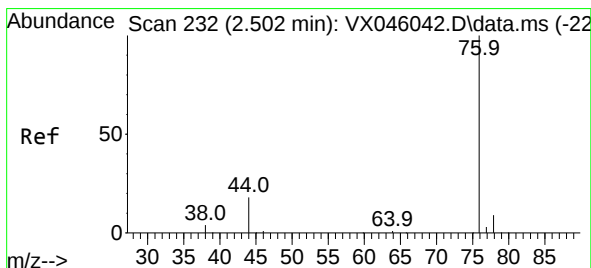
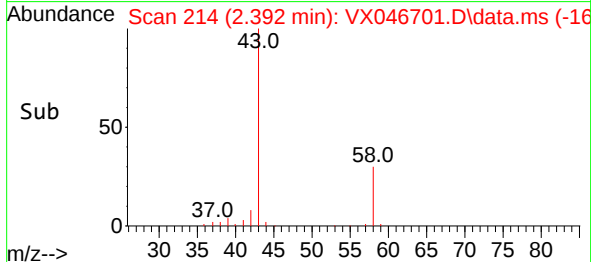
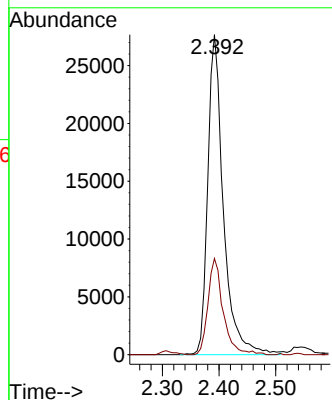
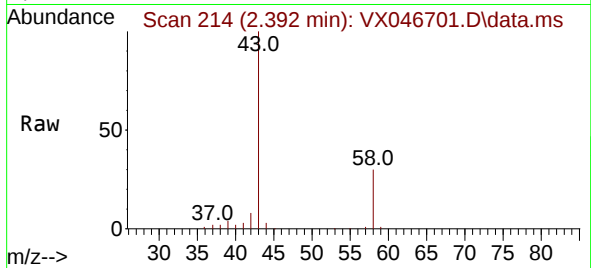




#16
Acetone
Concen: 82.226 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

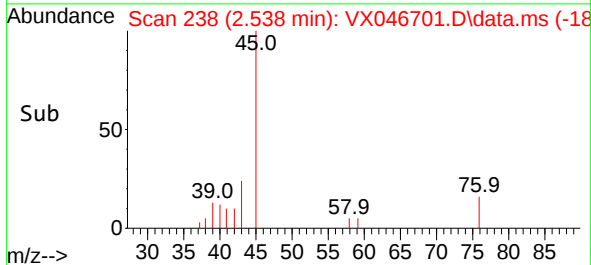
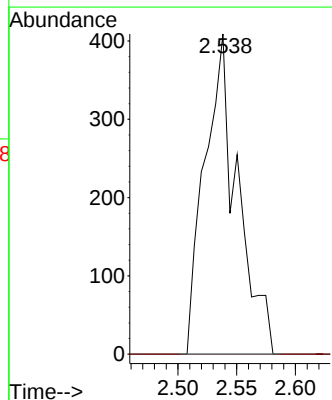
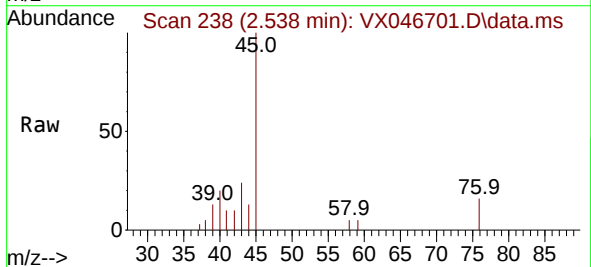
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

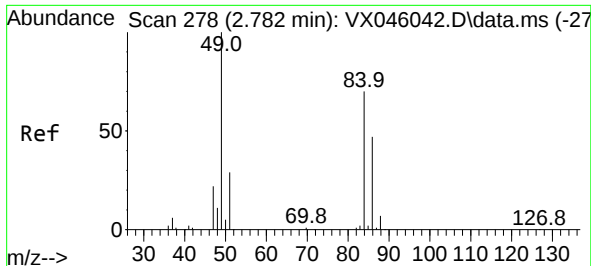
Tgt Ion: 43 Resp: 52950
Ion Ratio Lower Upper
43 100
58 29.7 21.2 31.8



#17
Carbon Disulfide
Concen: 0.531 ug/l
RT: 2.538 min Scan# 238
Delta R.T. 0.006 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 76 Resp: 797
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#





#20

Methylene Chloride

Concen: 2.254 ug/l

RT: 2.806 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046701.D

Acq: 13 Jun 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

CONCRETE-SLABRE

Tgt Ion: 84 Resp: 3083

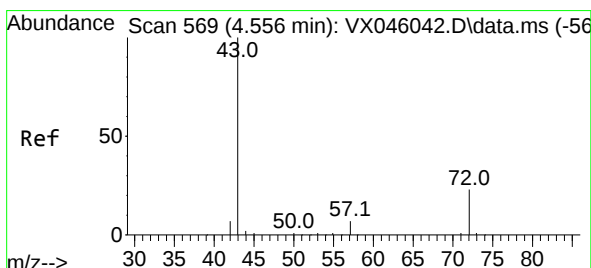
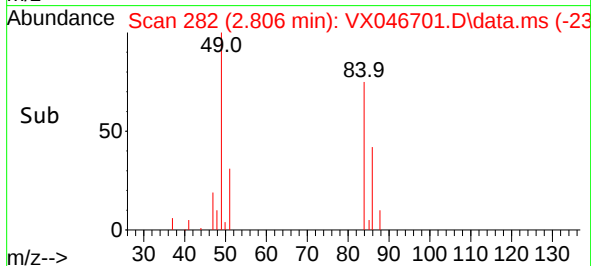
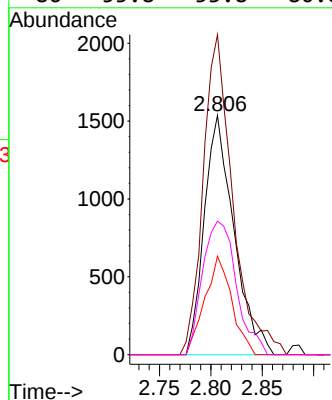
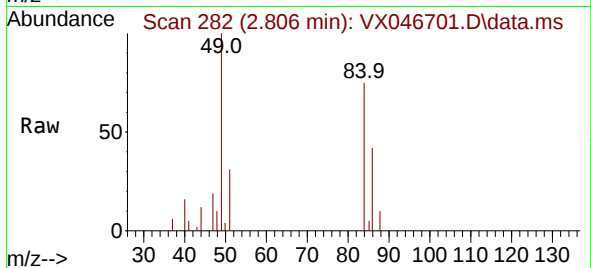
Ion Ratio Lower Upper

84 100

49 133.7 113.9 170.9

51 41.1 33.5 50.3

86 55.8 53.8 80.8



#25

2-Butanone

Concen: 4.236 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.025 min

Lab File: VX046701.D

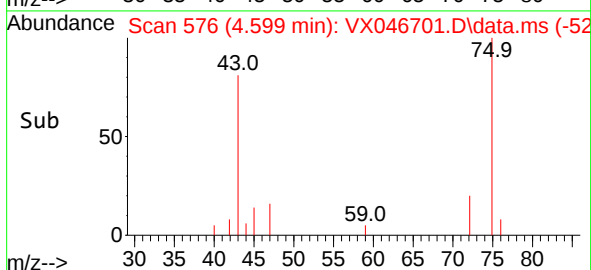
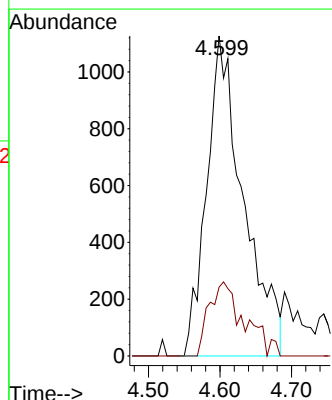
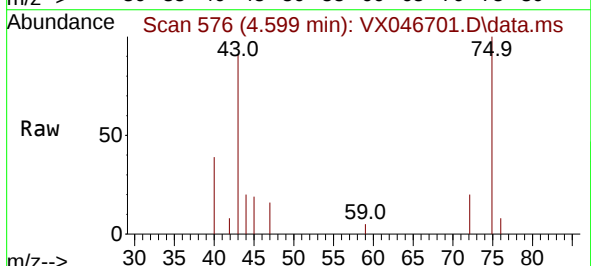
Acq: 13 Jun 2025 19:34

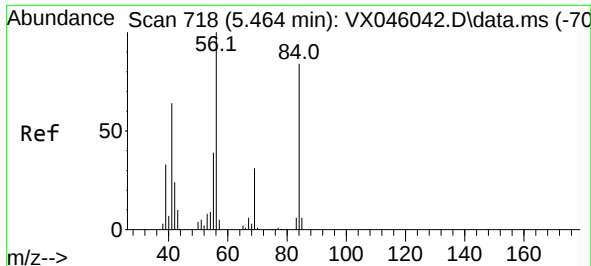
Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

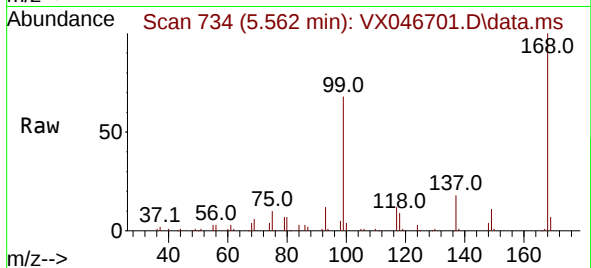
72 21.5 18.4 27.6



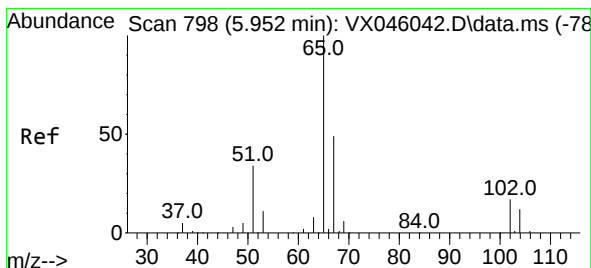
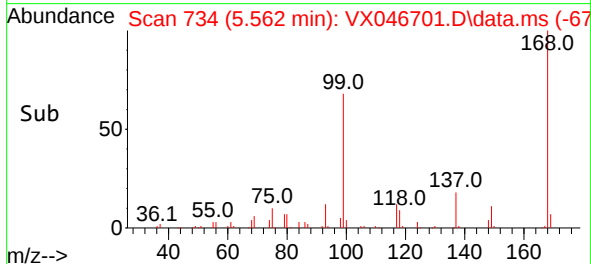
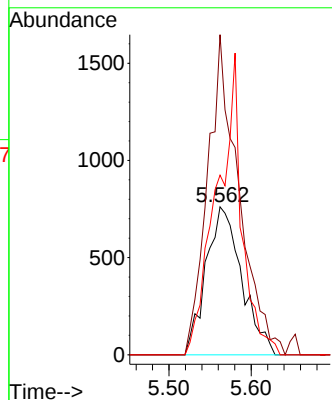


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

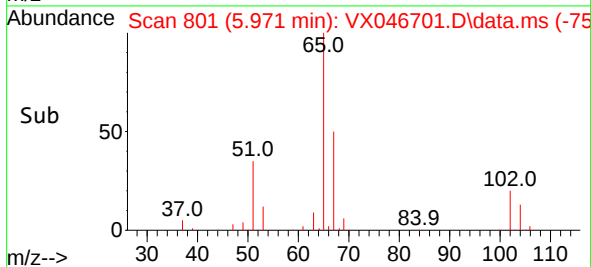
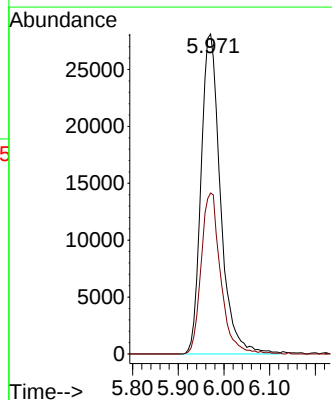
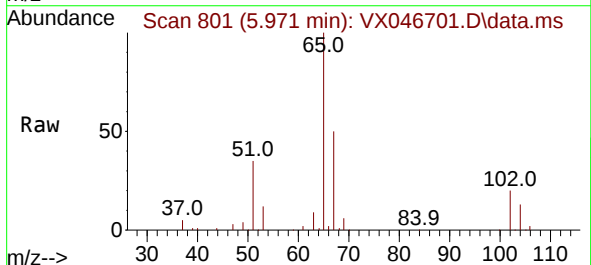


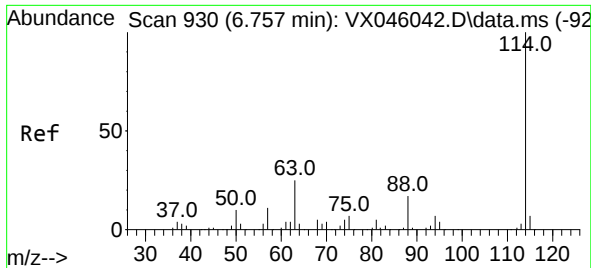
Tgt Ion: 56 Resp: 2294
Ion Ratio Lower Upper
56 100
69 216.4 24.4 36.6#
84 121.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.666 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.001 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 65 Resp: 82976
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.0

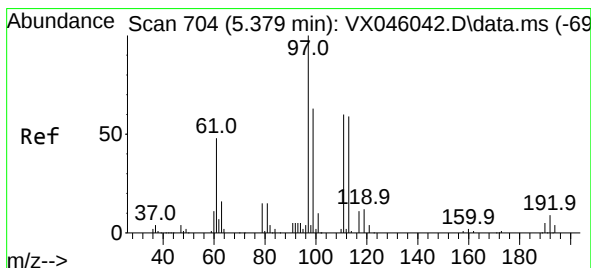
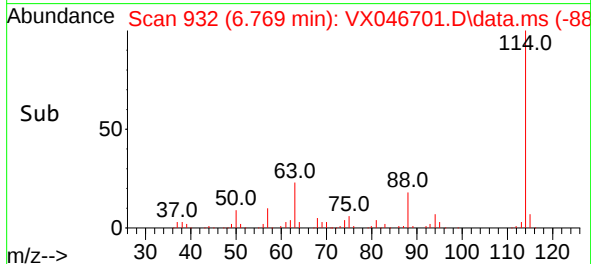
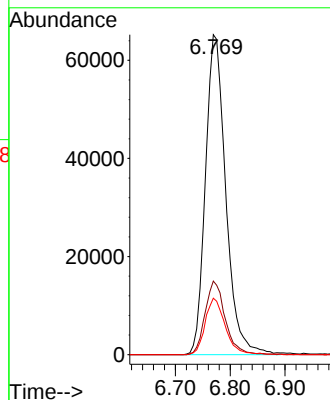
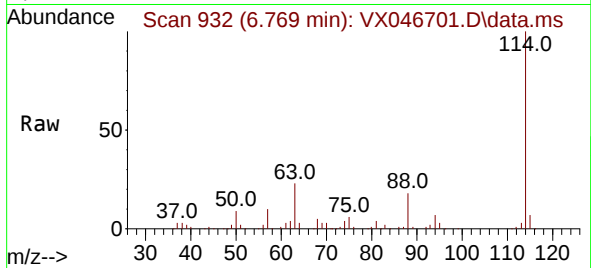




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

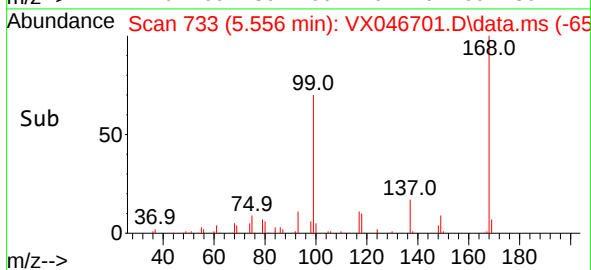
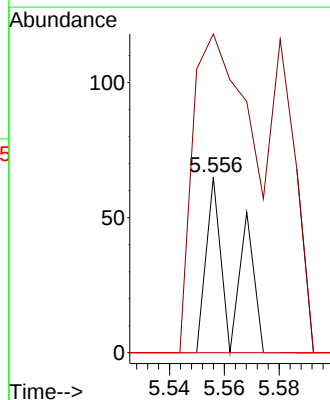
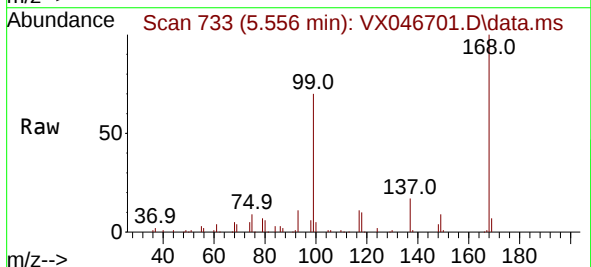
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

Tgt Ion:114 Resp: 168297
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 0.035 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.153 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion:113 Resp: 43
Ion Ratio Lower Upper
113 100
111 560.5 83.1 124.7#
192 0.0 13.3 19.9#

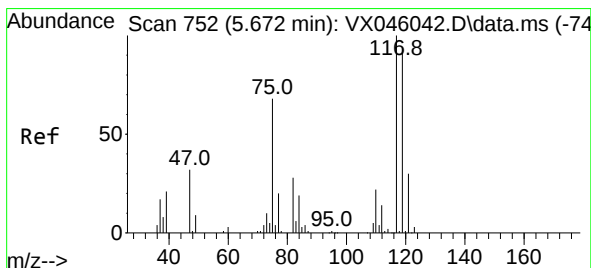
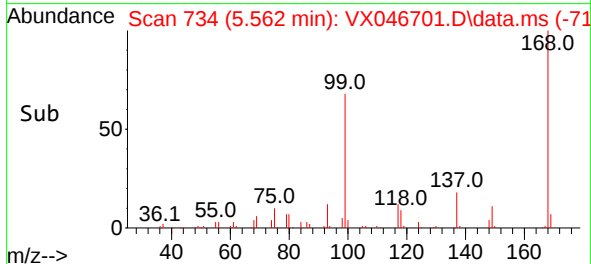
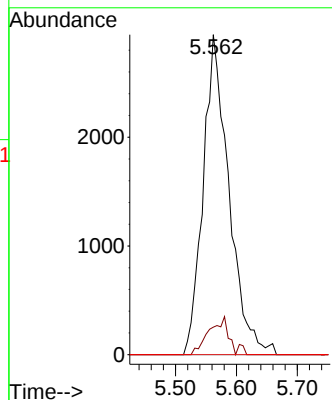
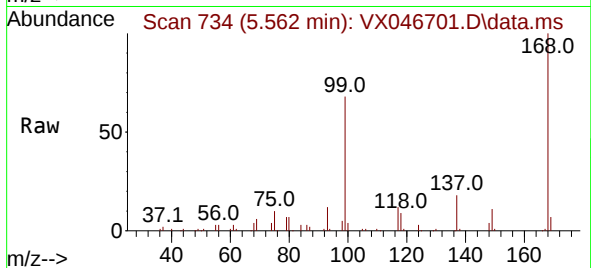




#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

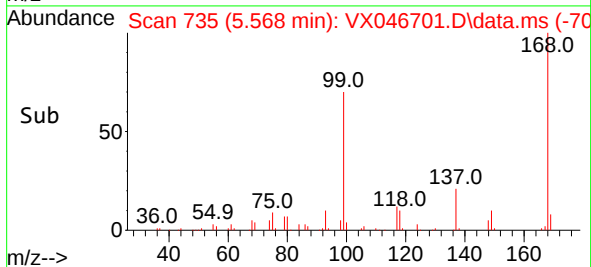
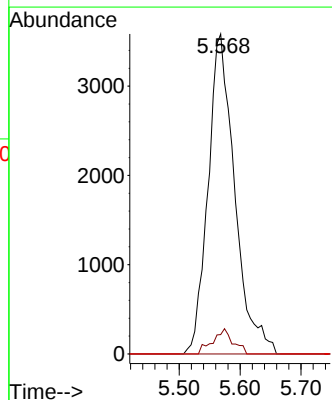
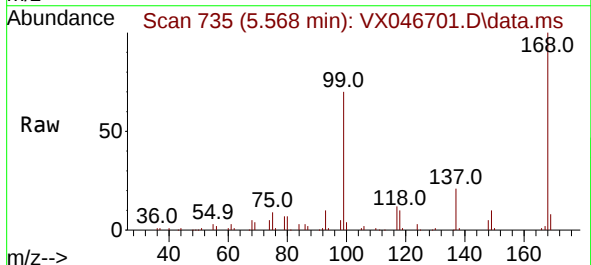
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

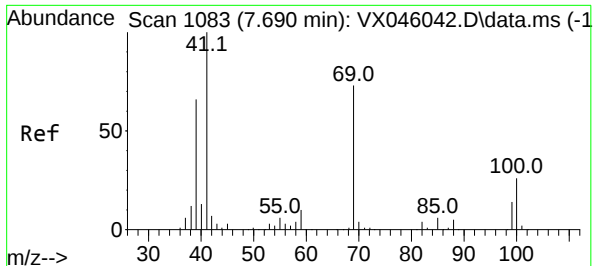
Tgt Ion: 75 Resp: 8653
Ion Ratio Lower Upper
75 100
110 8.8 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.506 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 117 Resp: 10902
Ion Ratio Lower Upper
117 100
119 6.1 75.2 112.8#
121 0.0 24.2 36.4#

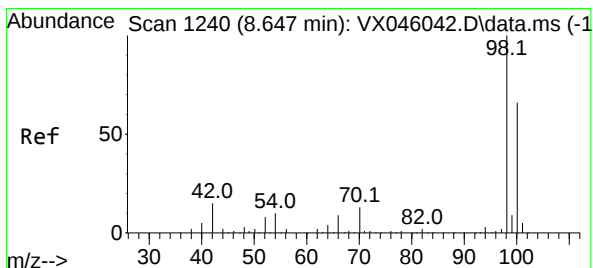
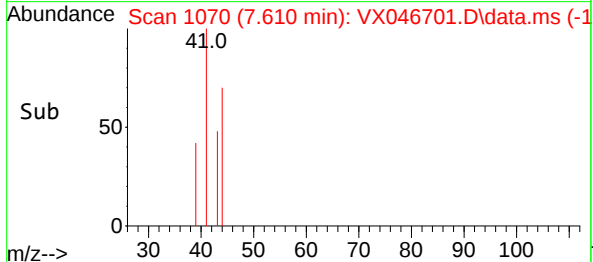
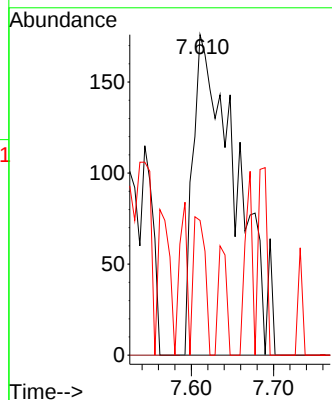
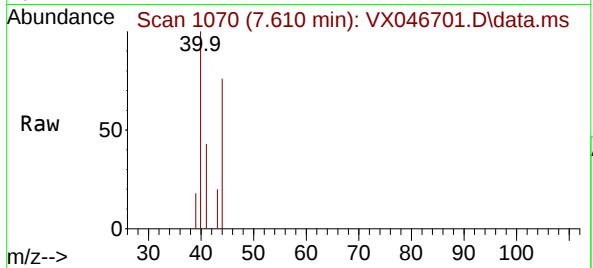




#48
Methyl methacrylate
Concen: 0.417 ug/l
RT: 7.610 min Scan# 1083
Delta R.T. -0.092 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

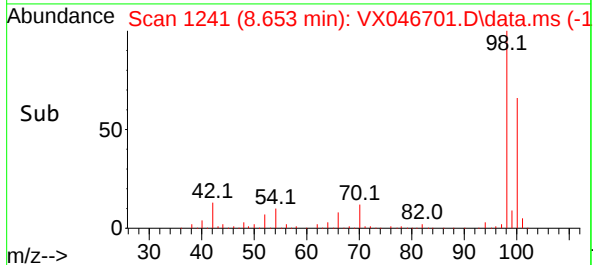
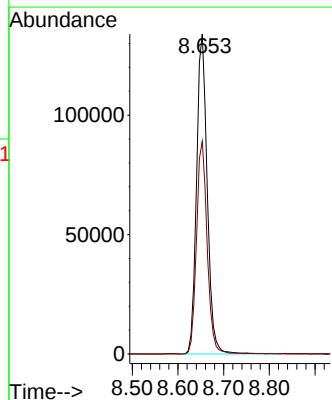
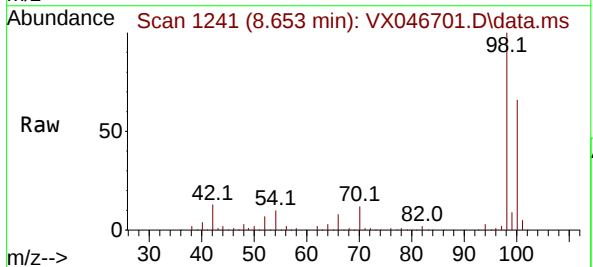
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

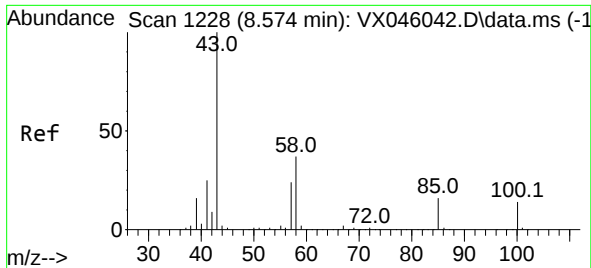
Tgt Ion: 41 Resp: 645
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 11.8 51.7 77.5#



#50
Toluene-d8
Concen: 53.231 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 98 Resp: 217204
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3

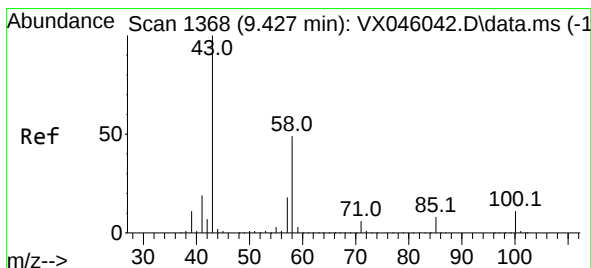
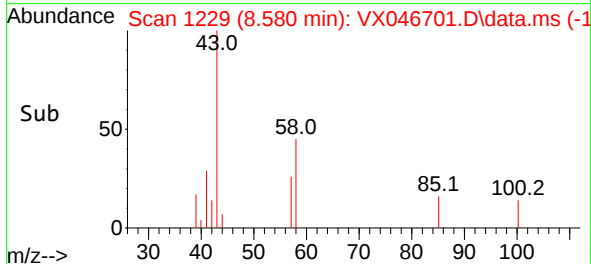
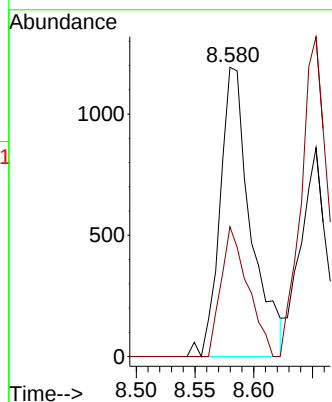
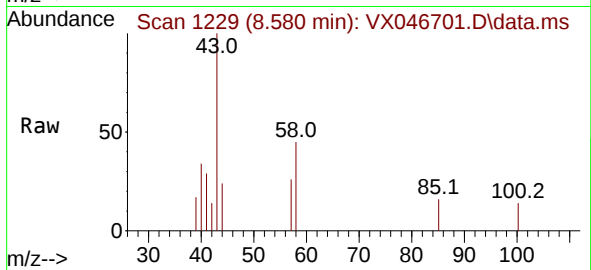




#51
4-Methyl-2-Pentanone
Concen: 1.138 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

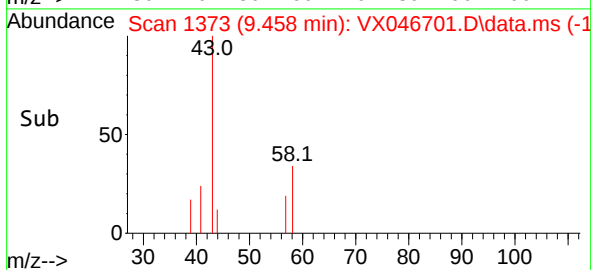
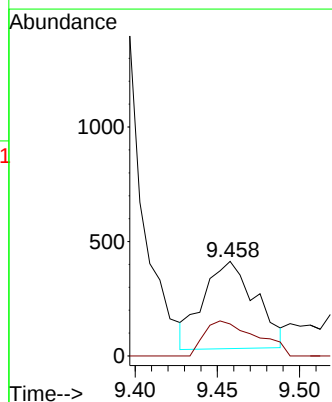
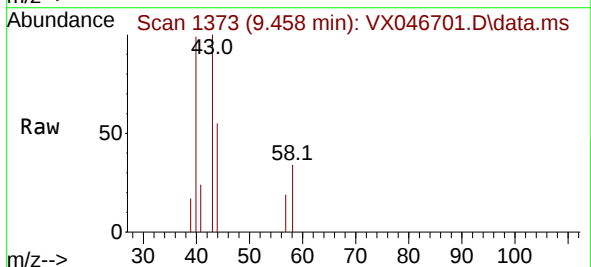
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

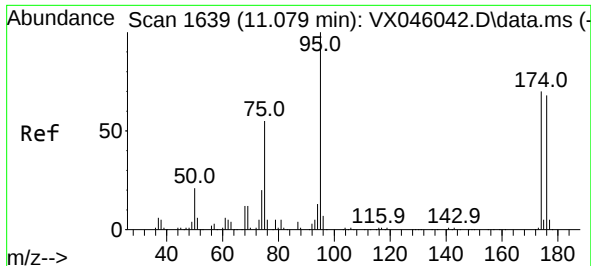
Tgt Ion: 43 Resp: 2176
Ion Ratio Lower Upper
43 100
58 39.2 28.9 43.3



#59
2-Hexanone
Concen: 0.617 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.025 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 39.7 24.9 74.6

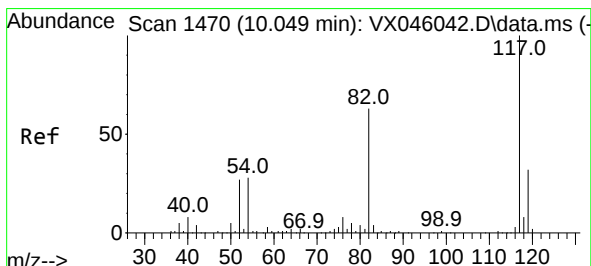
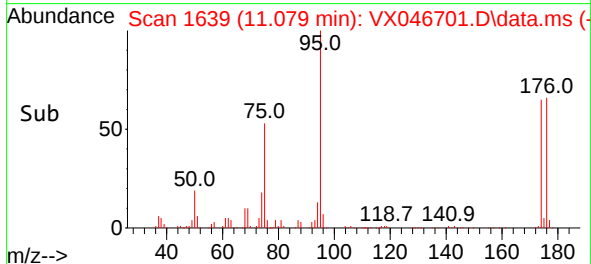
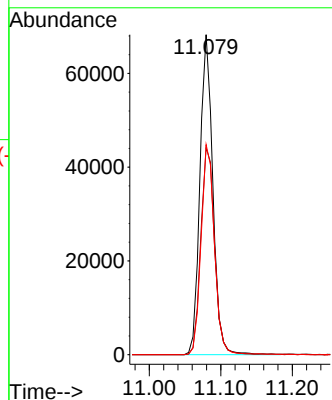
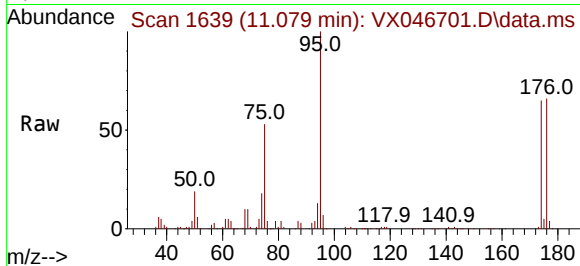




#62
4-Bromofluorobenzene
Concen: 50.533 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

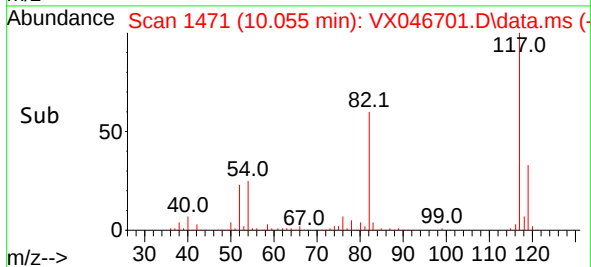
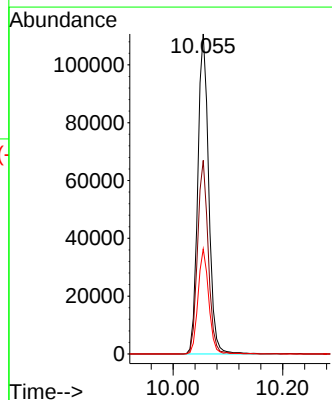
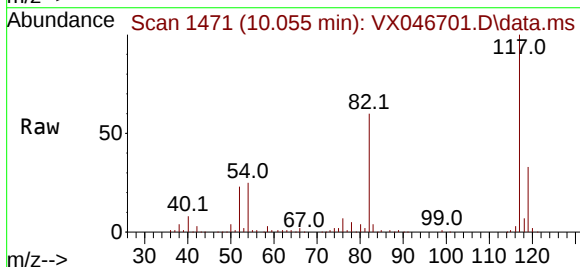
Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-SLABRE

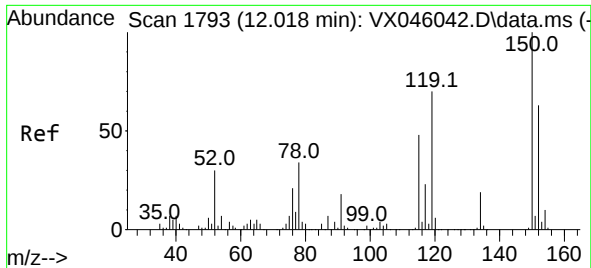
Tgt Ion: 95 Resp: 85311
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.8
176 68.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046701.D
Acq: 13 Jun 2025 19:34

Tgt Ion: 117 Resp: 153691
Ion Ratio Lower Upper
117 100
82 60.5 50.6 76.0
119 32.8 25.8 38.6

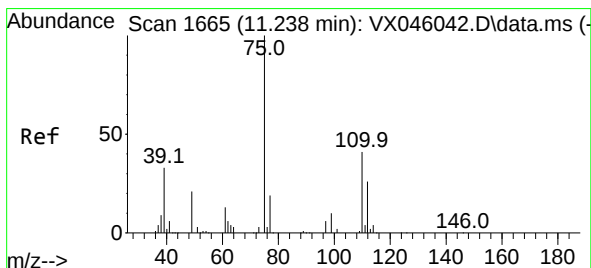
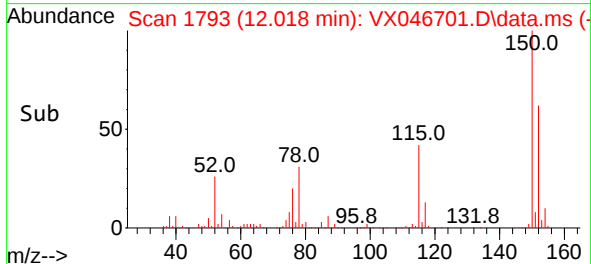
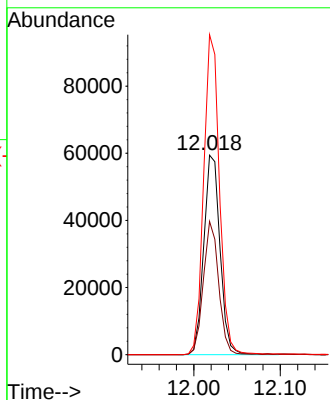
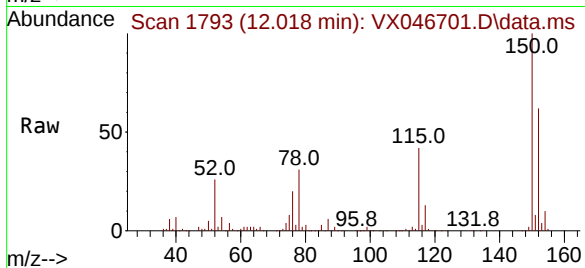




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046701.D
 Acq: 13 Jun 2025 19:34

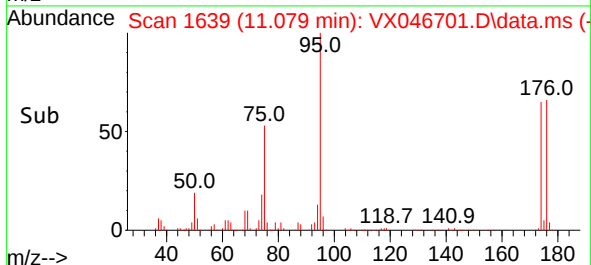
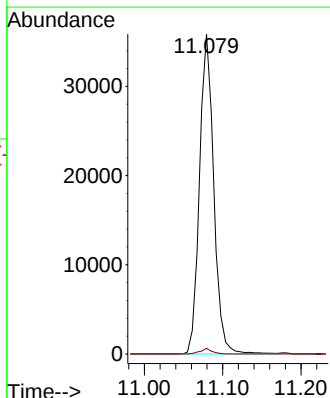
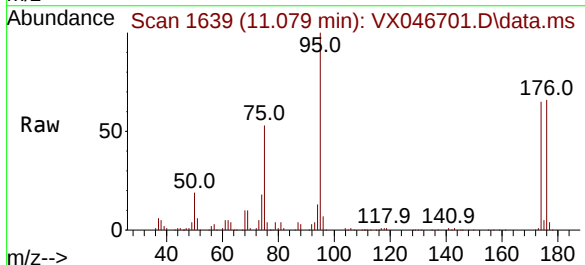
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-SLABRE

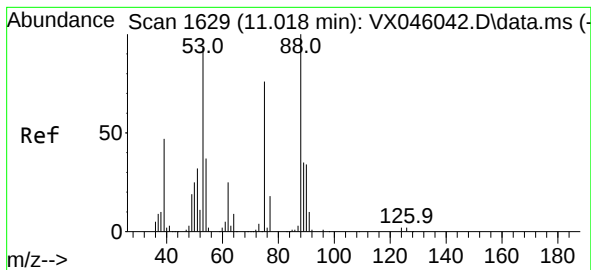
Tgt Ion:152 Resp: 77537
 Ion Ratio Lower Upper
 152 100
 115 63.2 46.9 140.7
 150 155.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.607 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046701.D
 Acq: 13 Jun 2025 19:34

Tgt Ion: 75 Resp: 45340
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.636 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046701.D
 Acq: 13 Jun 2025 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-SLABRE

Tgt Ion: 75 Resp: 45340
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.1 37.0 55.6#

