

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022675.D
 Acq On : 12 Jun 2025 15:44
 Operator : SY/MD
 Sample : Q2287-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-SLAB

Quant Time: Jun 13 05:42:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

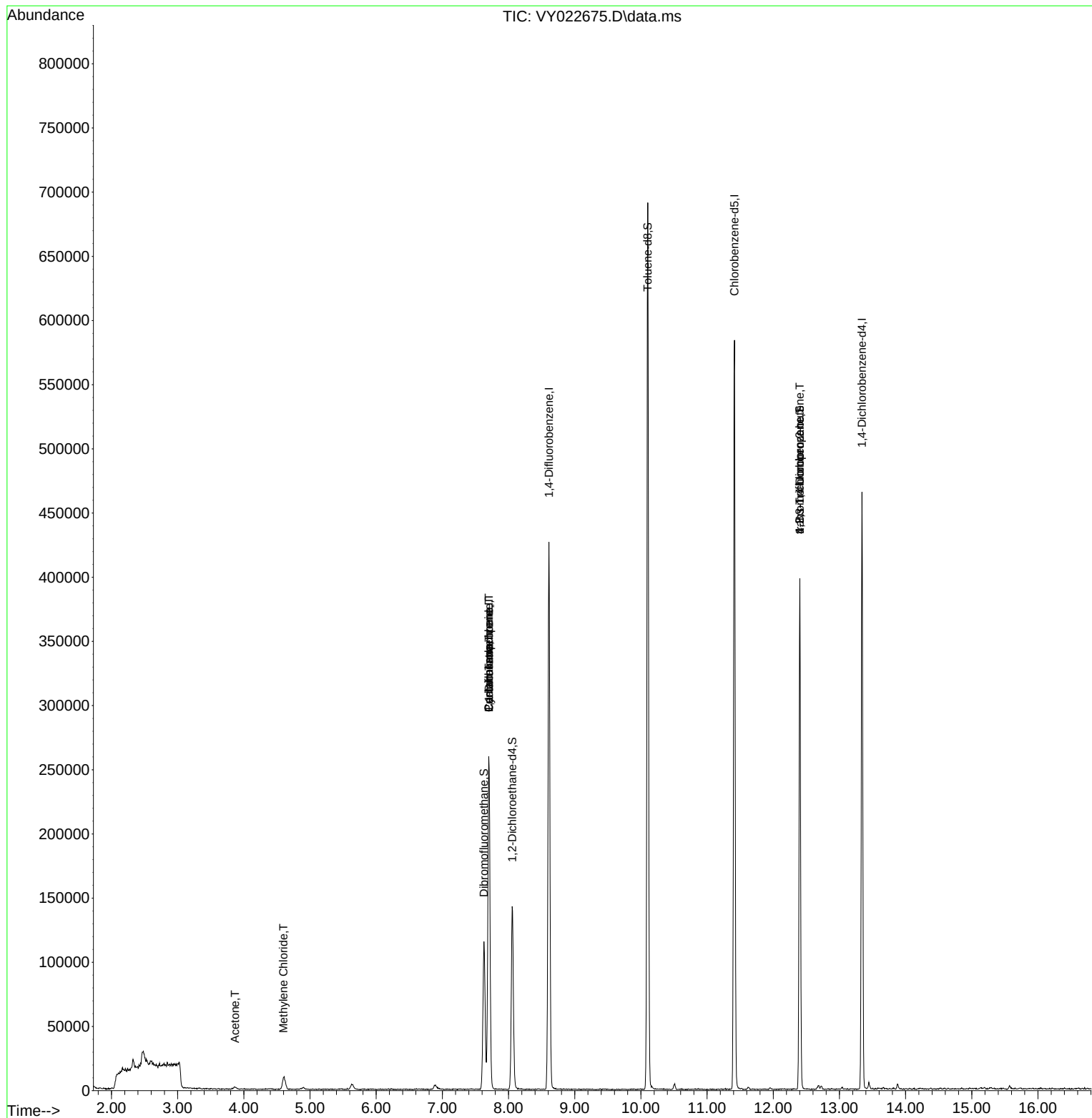
Internal Standards						
1) Pentafluorobenzene	7.701	168	191831	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	349747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	287106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	105030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	106484	49.631	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.260%
35) Dibromofluoromethane	7.628	113	75944	36.379	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.760%
50) Toluene-d8	10.103	98	426538	50.567	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.402	95	105136	41.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.660%
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	3006	6.899	ug/l	96
20) Methylene Chloride	4.598	84	6461	2.610	ug/l	98
31) Cyclohexane	7.701	56	4993	1.211	ug/l #	31
36) 1,1-Dichloropropene	7.701	75	16513	4.874	ug/l #	51
38) Carbon Tetrachloride	7.701	117	19254	5.540	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	62156	51.728	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	62156	124.921	ug/l #	10

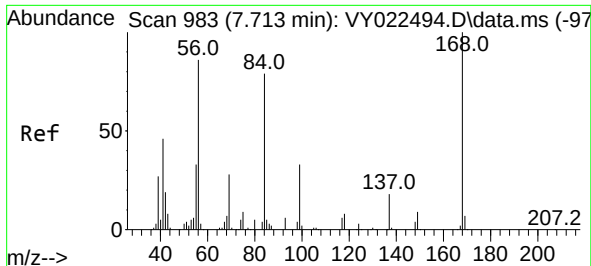
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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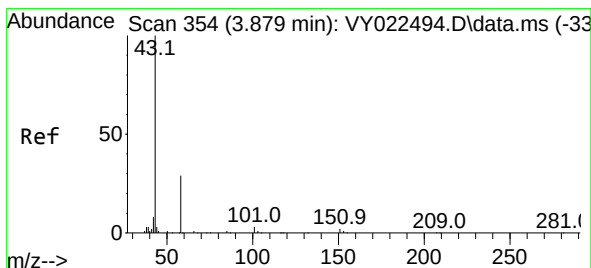
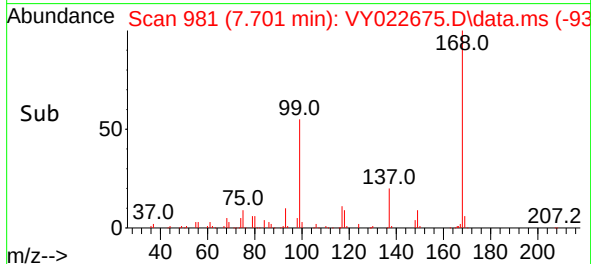
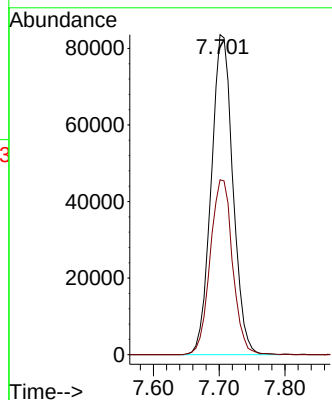
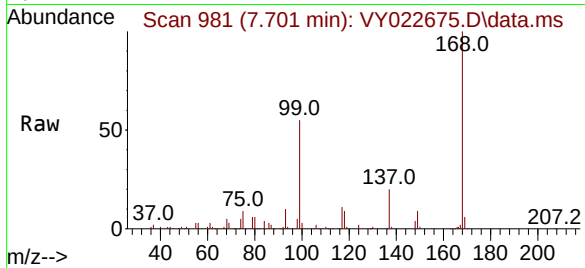




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

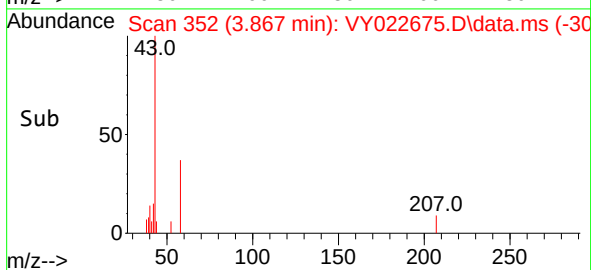
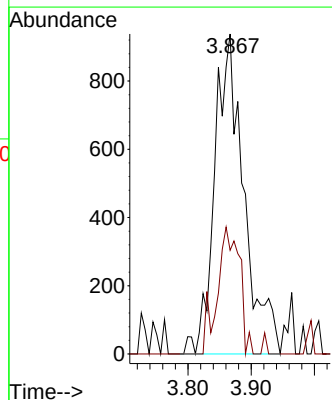
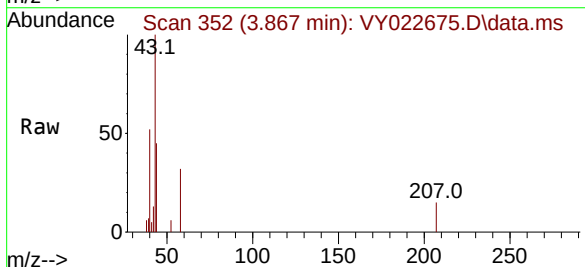
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SLAB

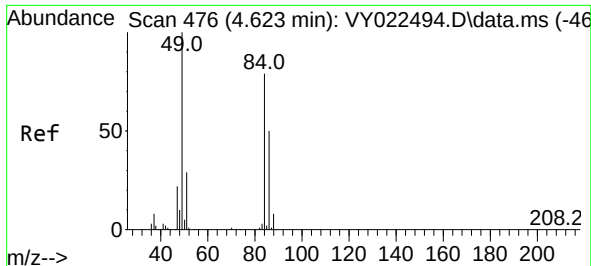
Tgt Ion:168 Resp: 191831
Ion Ratio Lower Upper
168 100
99 54.6 44.3 66.5



#16
Acetone
Concen: 6.899 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

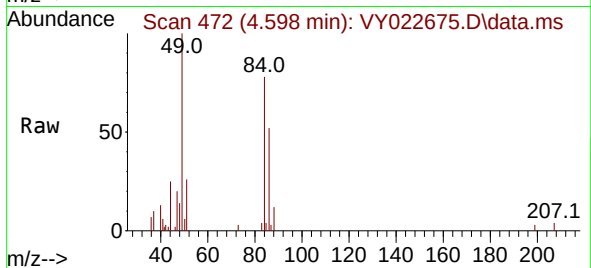
Tgt Ion: 43 Resp: 3006
Ion Ratio Lower Upper
43 100
58 32.4 24.0 36.0



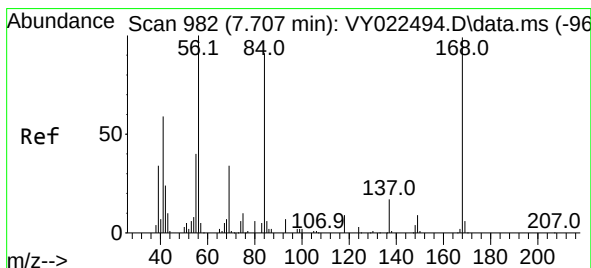
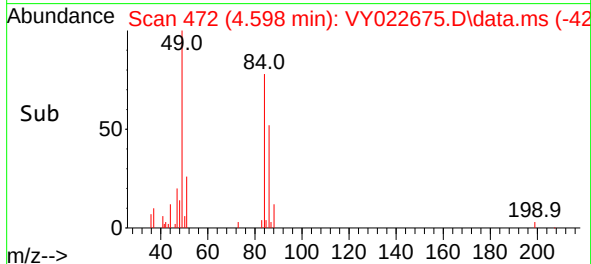
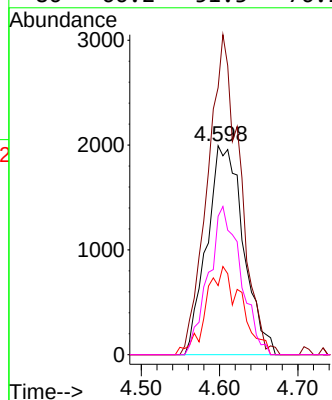


#20
Methylene Chloride
Concen: 2.610 ug/l
RT: 4.598 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SLAB

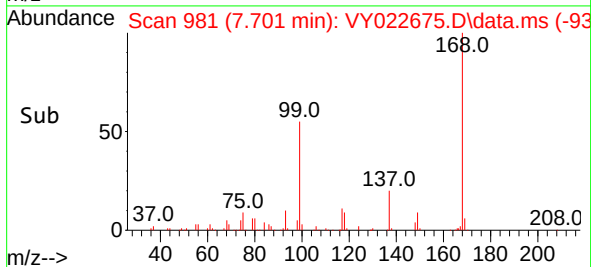
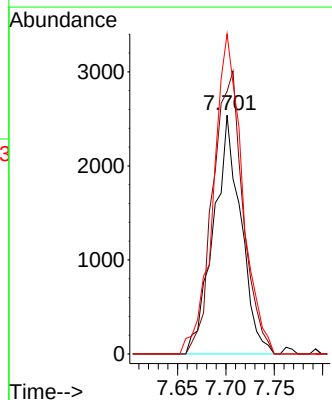
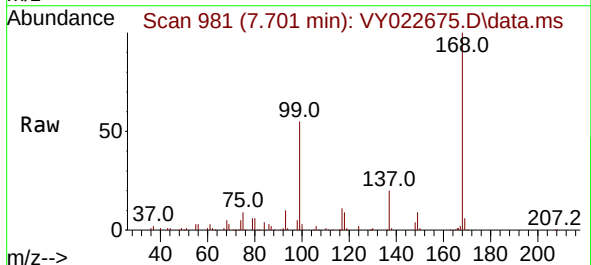


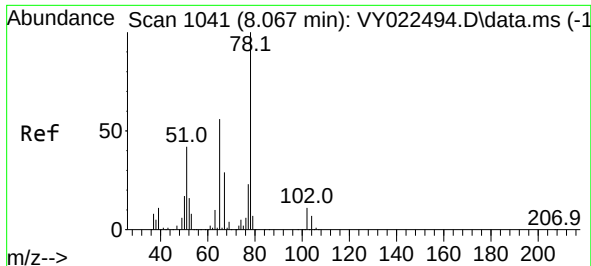
Tgt Ion:	84	Resp:	6461
Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.9	152.9
51	33.1	29.8	44.8
86	66.2	51.3	76.9



#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

Tgt Ion:	56	Resp:	4993
Ion	Ratio	Lower	Upper
56	100		
69	110.0	27.0	40.6#
84	134.0	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 49.631 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY022675.D

Acq: 12 Jun 2025 15:44

Instrument :

MSVOA_Y

ClientSampleId :

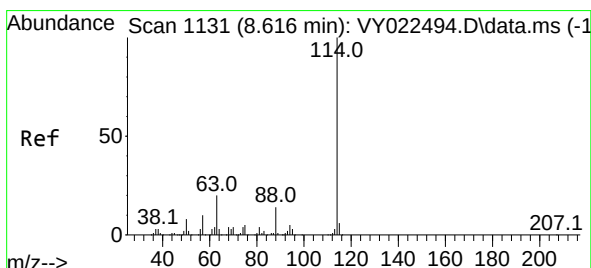
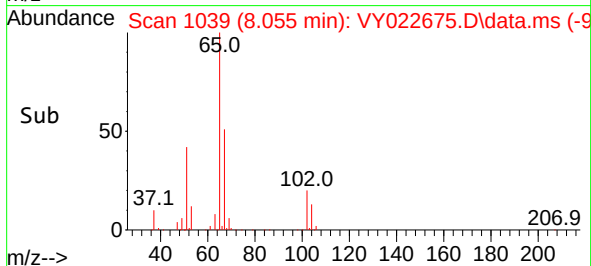
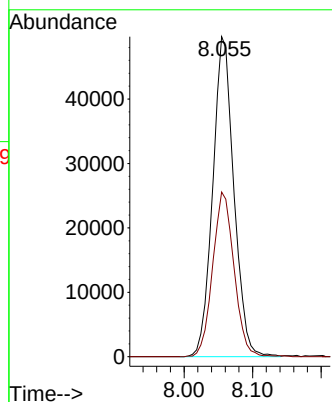
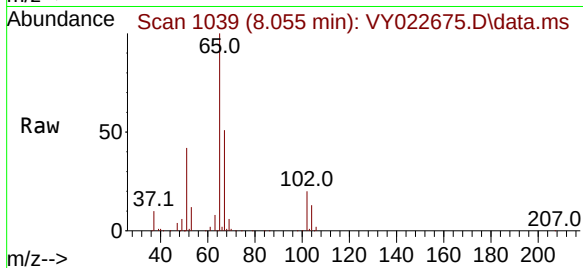
CONCRETE-SLAB

Tgt Ion: 65 Resp: 106484

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022675.D

Acq: 12 Jun 2025 15:44

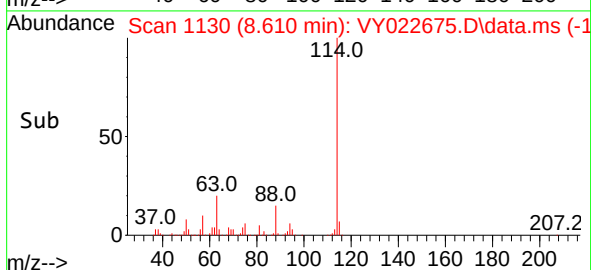
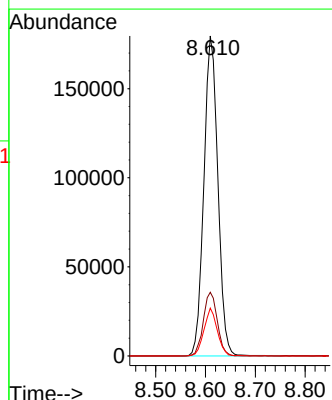
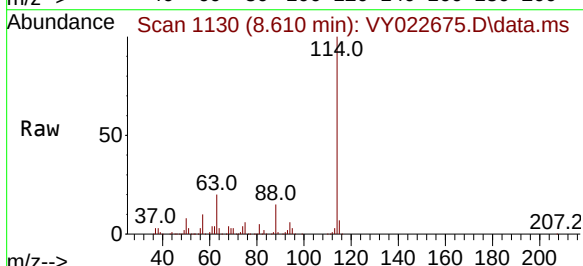
Tgt Ion: 114 Resp: 349747

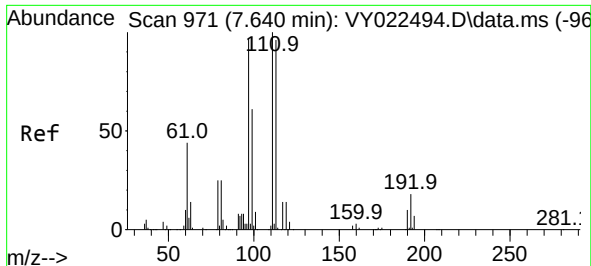
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.0 0.0 27.8





#35

Dibromofluoromethane

Concen: 36.379 ug/l

RT: 7.628 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY022675.D

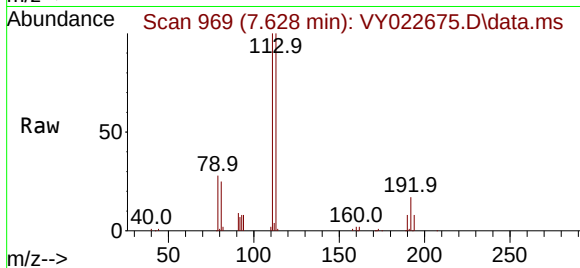
Acq: 12 Jun 2025 15:44

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-SLAB



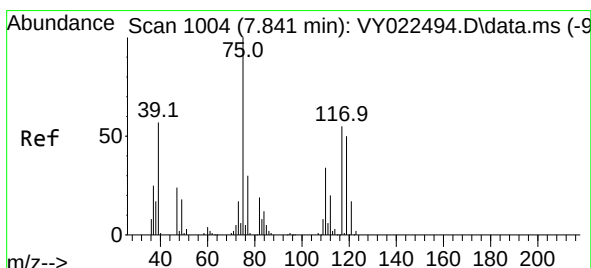
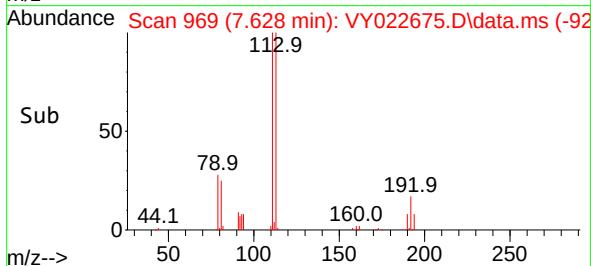
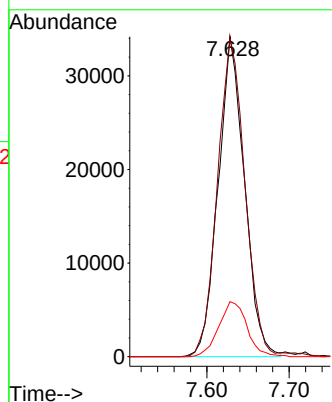
Tgt Ion:113 Resp: 75944

Ion Ratio Lower Upper

113 100

111 104.4 81.1 121.7

192 18.6 14.2 21.2



#36

1,1-Dichloropropene

Concen: 4.874 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.140 min

Lab File: VY022675.D

Acq: 12 Jun 2025 15:44

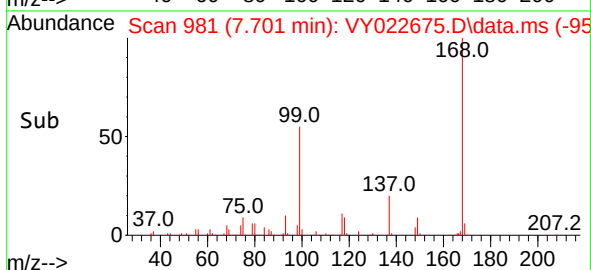
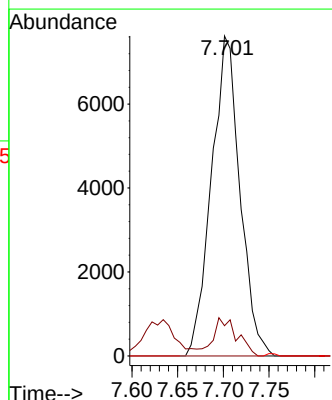
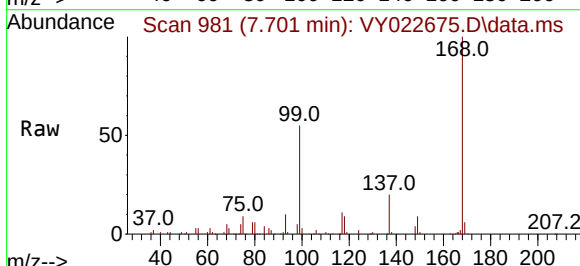
Tgt Ion: 75 Resp: 16513

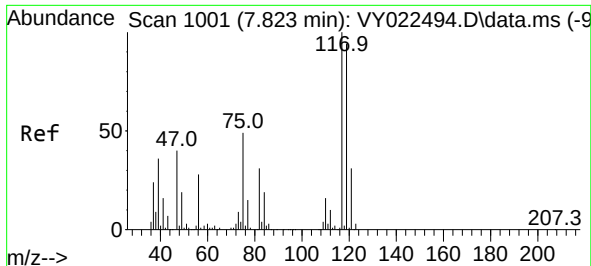
Ion Ratio Lower Upper

75 100

110 10.1 16.9 50.7#

77 0.0 24.8 37.2#

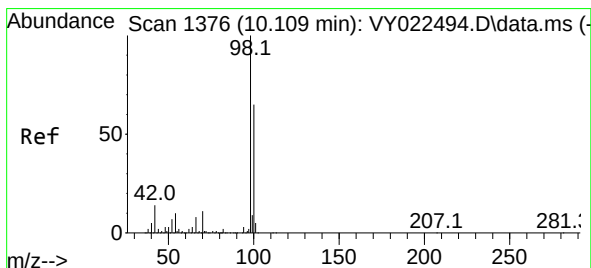
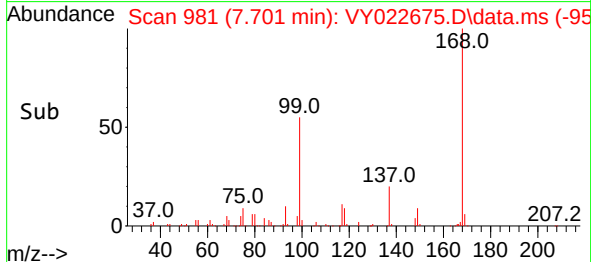
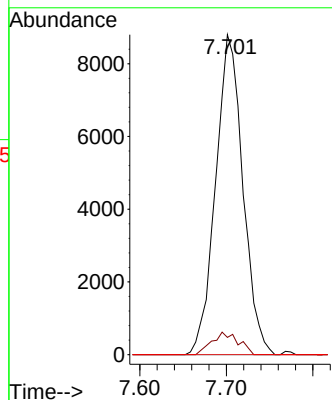
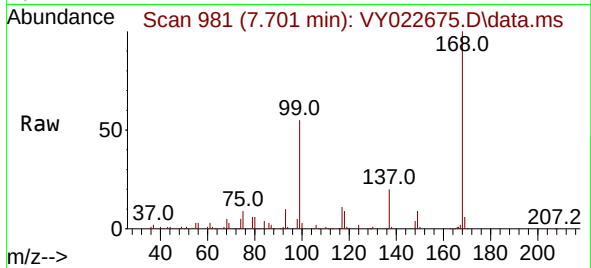




#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

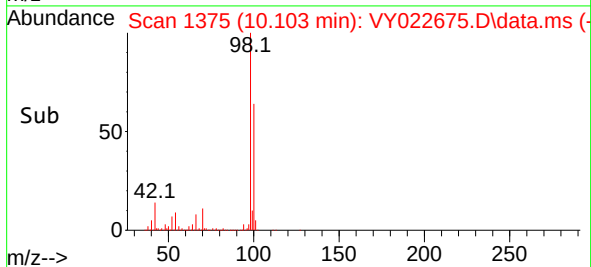
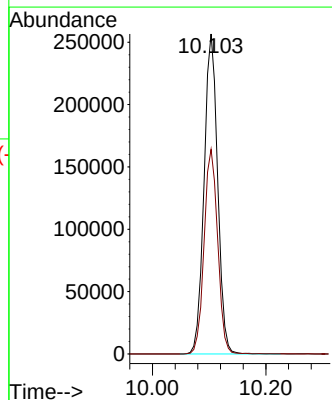
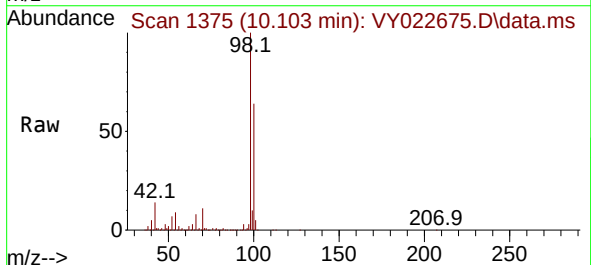
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SLAB

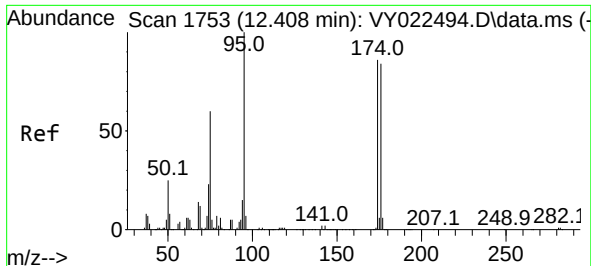
Tgt Ion:117 Resp: 19254
Ion Ratio Lower Upper
117 100
119 5.4 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.567 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

Tgt Ion: 98 Resp: 426538
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

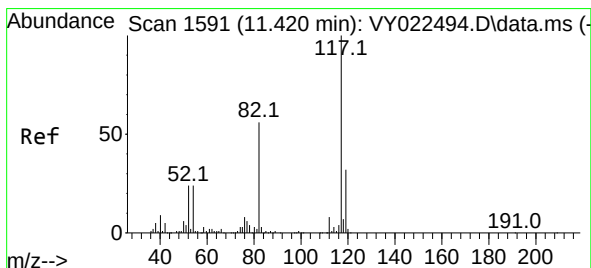
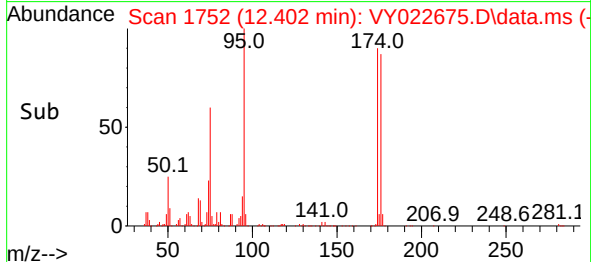
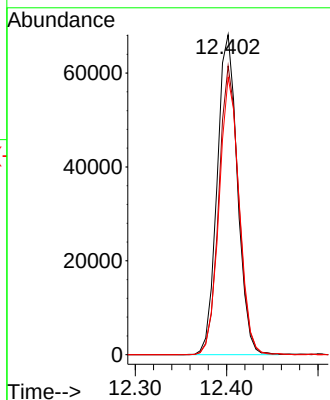
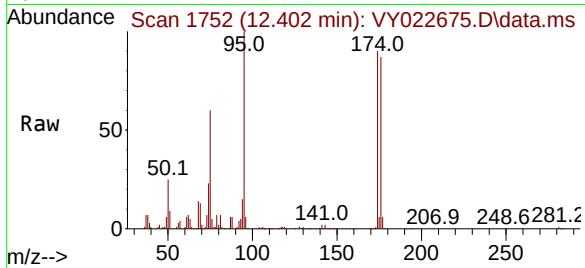




#62
4-Bromofluorobenzene
Concen: 41.833 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

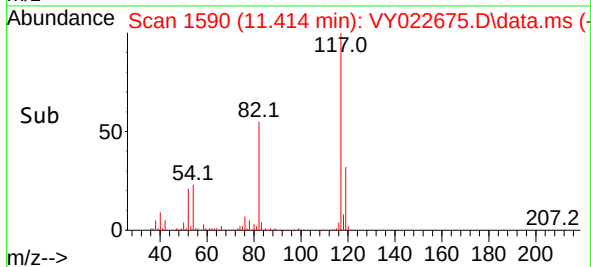
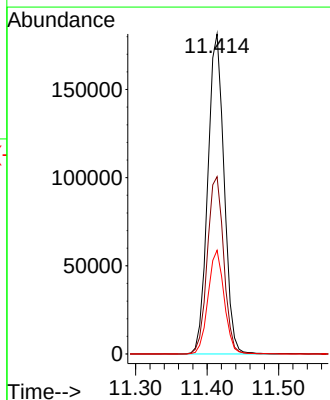
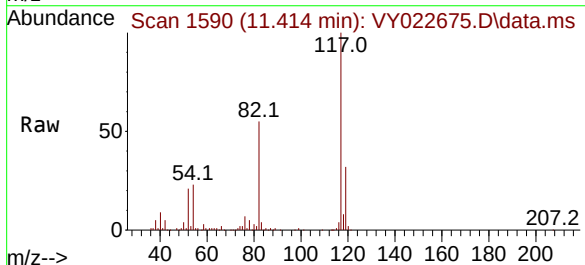
Instrument :
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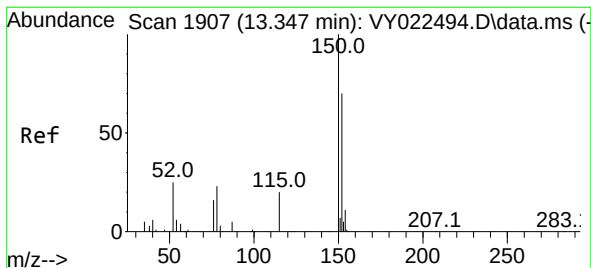
Tgt Ion: 95 Resp: 105136
Ion Ratio Lower Upper
95 100
174 88.6 0.0 170.0
176 86.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

Tgt Ion: 117 Resp: 287106
Ion Ratio Lower Upper
117 100
82 55.4 44.6 66.8
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY022675.D

Acq: 12 Jun 2025 15:44

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-SLAB

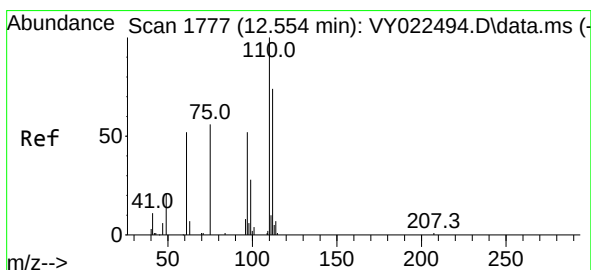
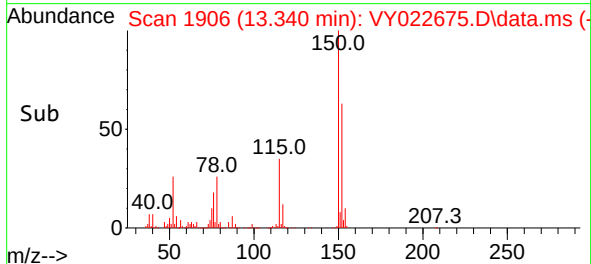
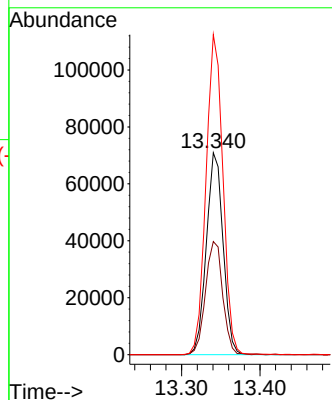
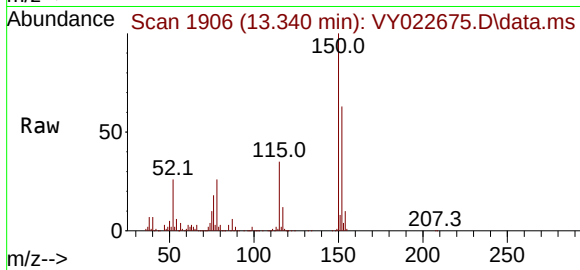
Tgt Ion:152 Resp: 105030

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 159.9 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 51.728 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY022675.D

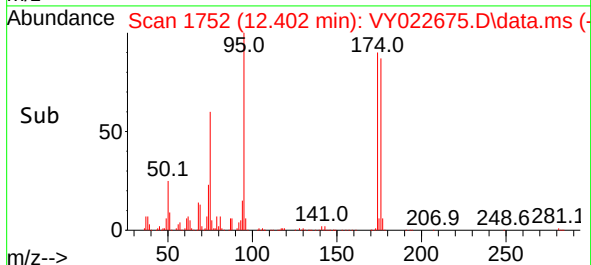
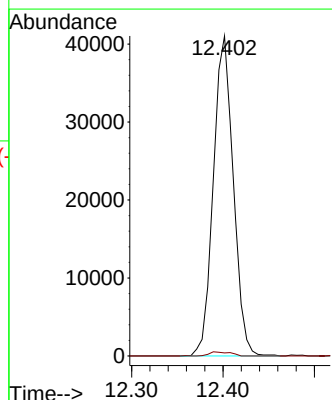
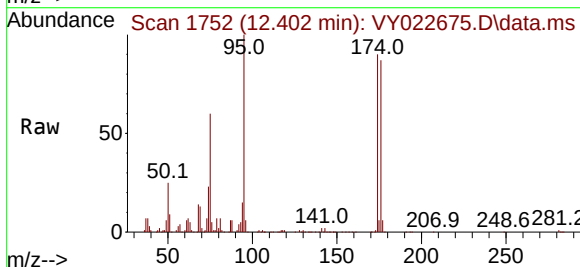
Acq: 12 Jun 2025 15:44

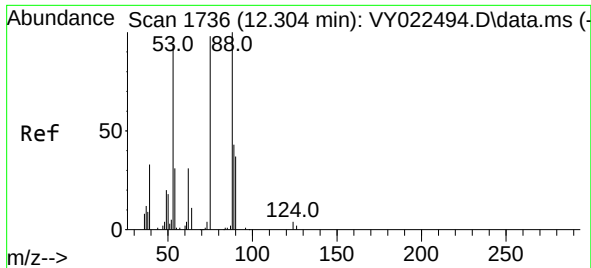
Tgt Ion: 75 Resp: 62156

Ion Ratio Lower Upper

75 100

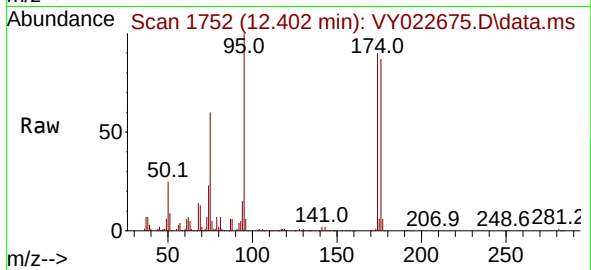
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.921 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY022675.D
 Acq: 12 Jun 2025 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-SLAB



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.1	35.7	53.5#

