

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)

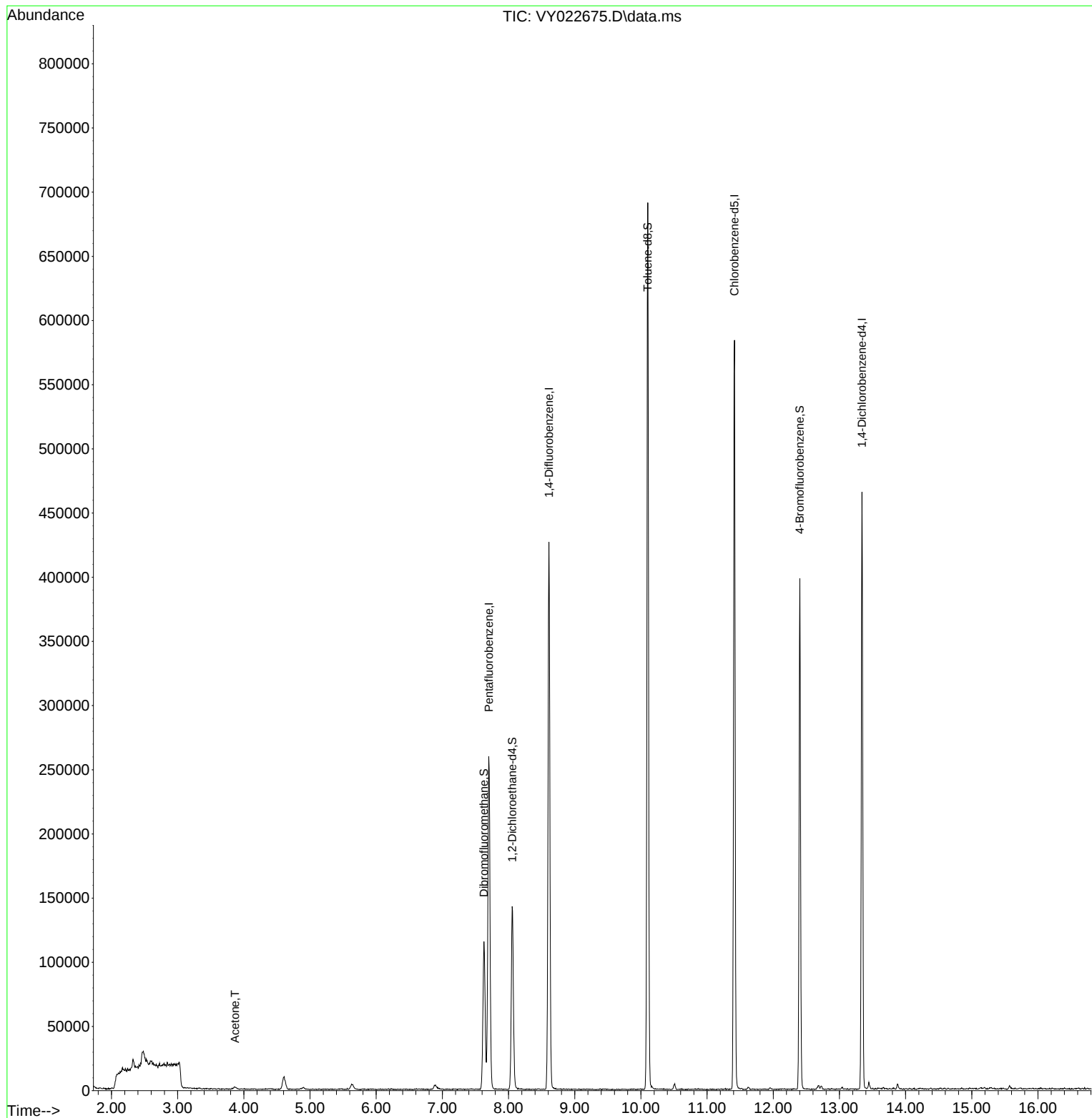
Internal Standards						
1) Pentafluorobenzene	7.701	168	191831	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	349747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	287106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	105030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
16) Acetone	3.867	43	3006	6.899	ug/l	Qvalue 96

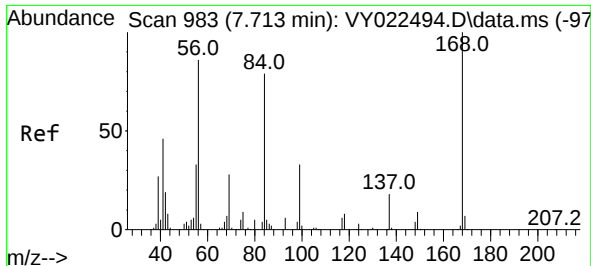
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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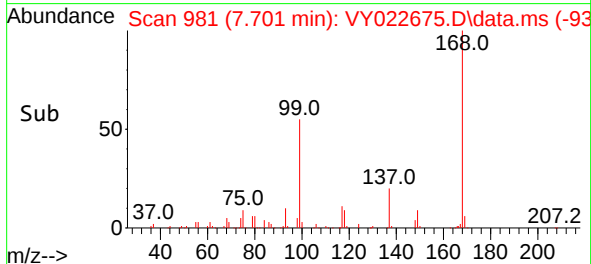
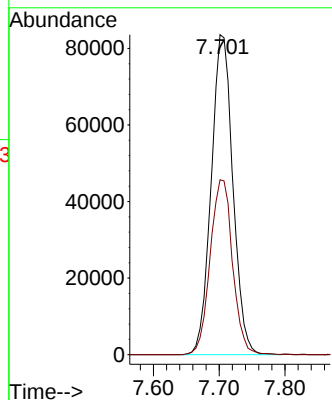
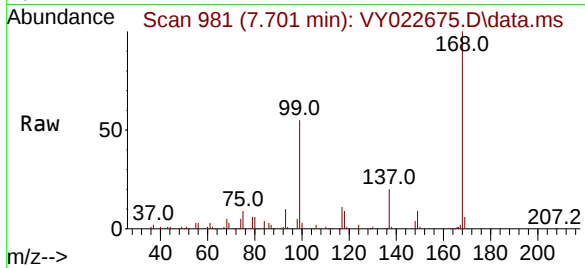




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

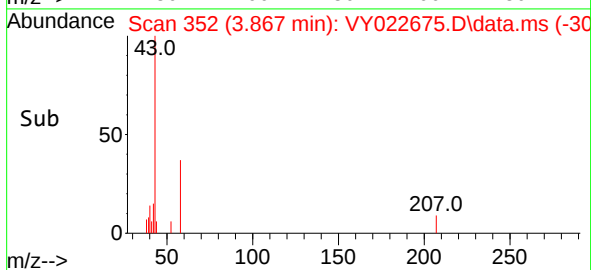
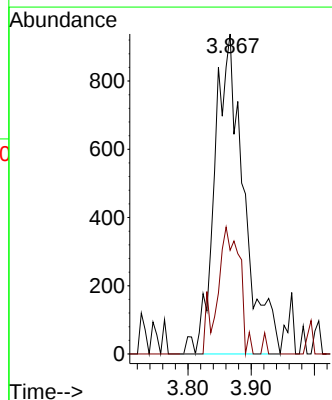
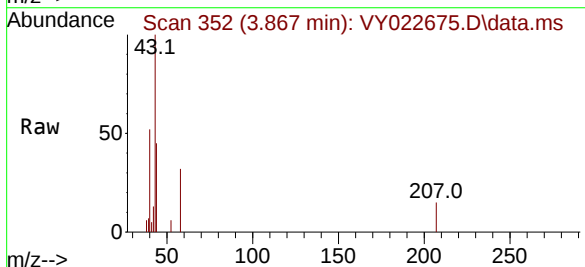
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SLAB

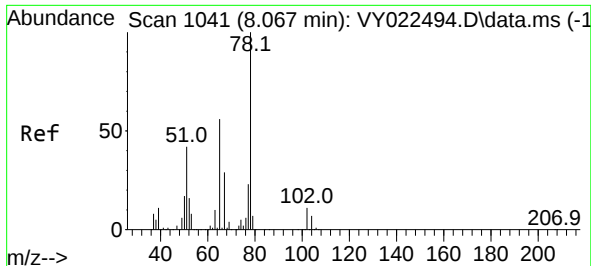
Tgt Ion:168 Resp: 191831
Ion Ratio Lower Upper
168 100
99 54.6 44.3 66.5



#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

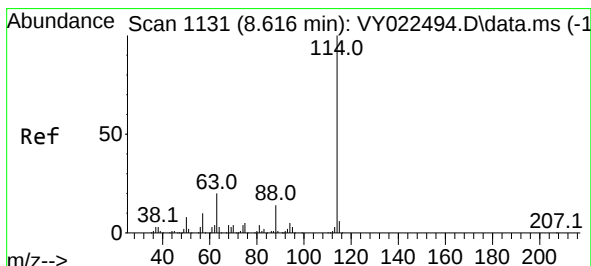
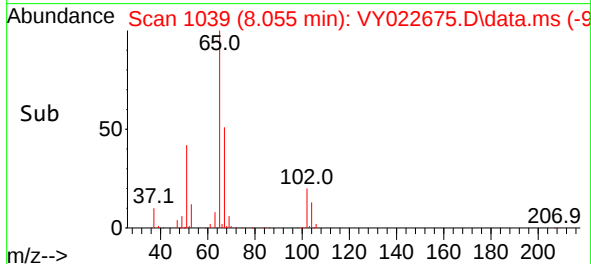
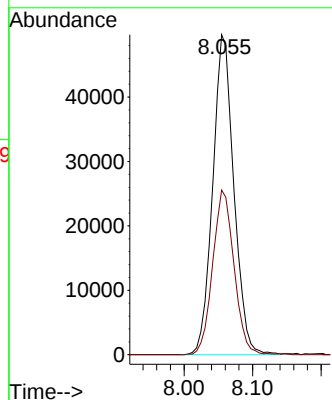
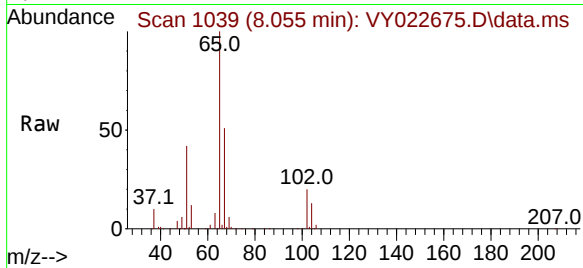




#33
 1,2-Dichloroethane-d4
 Concen: 49.631 ug/l
 RT: 8.055 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY022675.D
 Acq: 12 Jun 2025 15:44

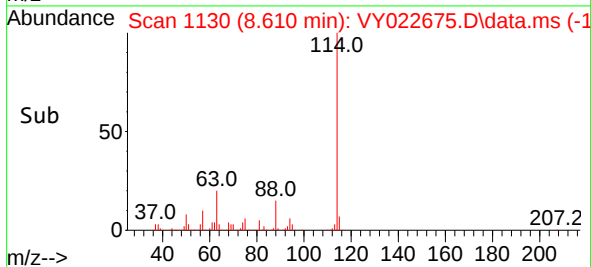
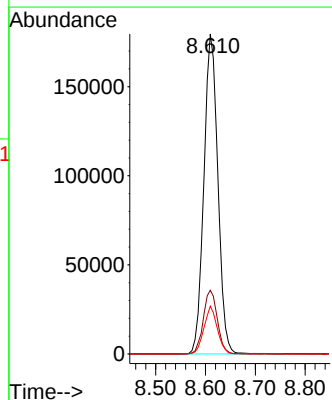
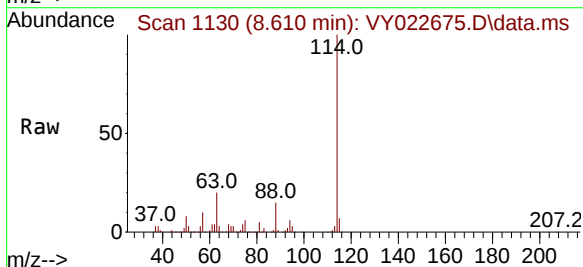
Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion: 65 Resp: 106484
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.4



#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

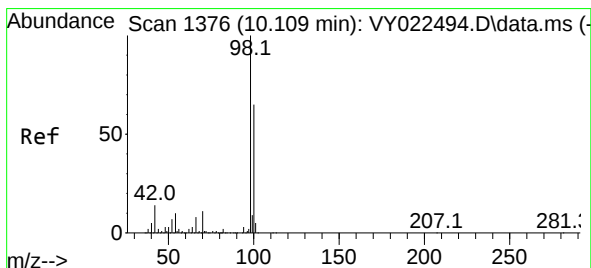
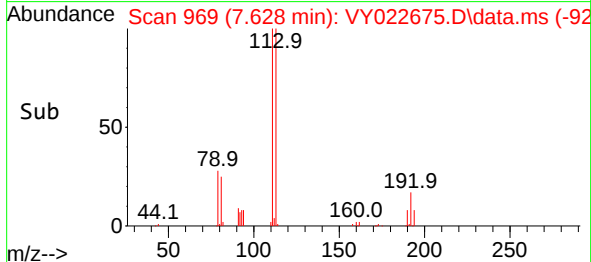
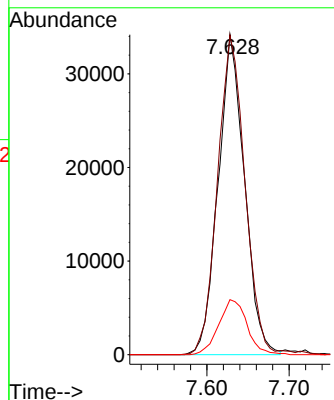
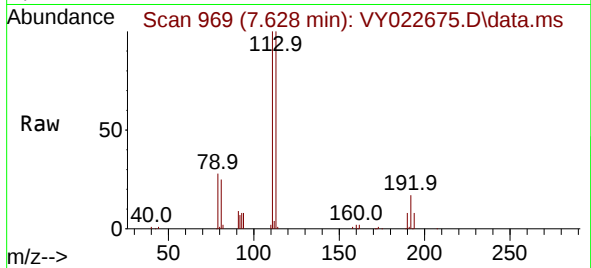




#35
Dibromofluoromethane
Concen: 36.379 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

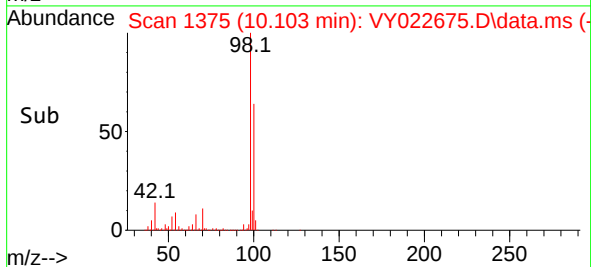
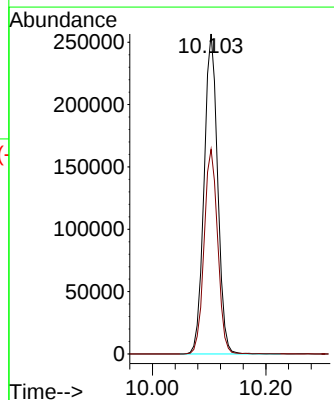
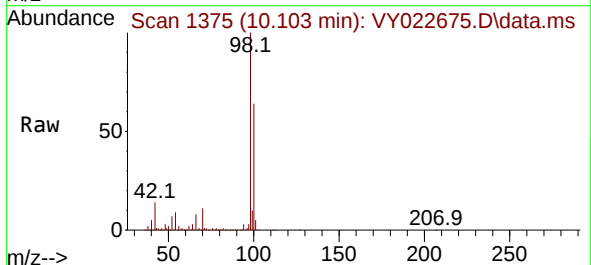
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-SLAB

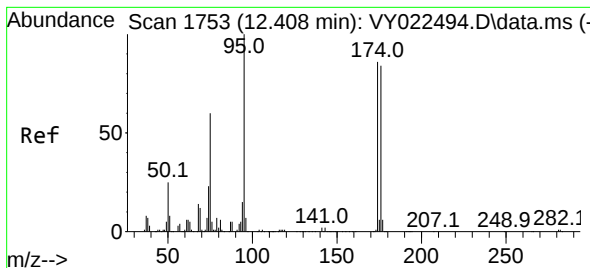
Tgt Ion:113 Resp: 75944
Ion Ratio Lower Upper
113 100
111 104.4 81.1 121.7
192 18.6 14.2 21.2



#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

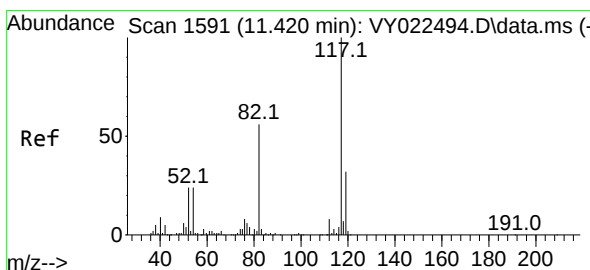
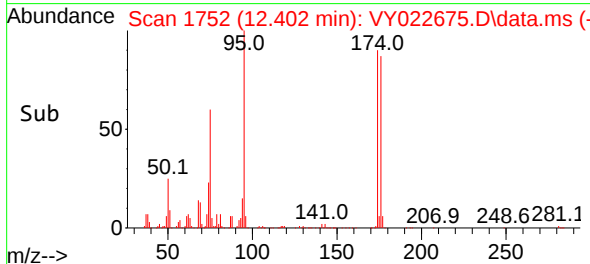
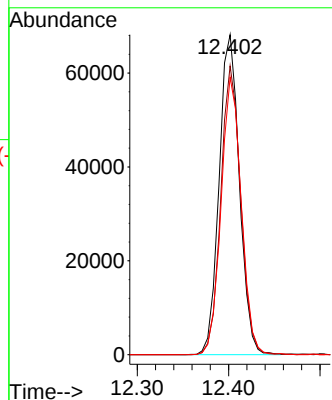
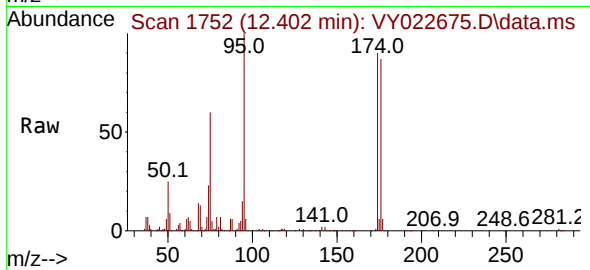




#62
4-Bromofluorobenzene
Concen: 41.833 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022675.D
Acq: 12 Jun 2025 15:44

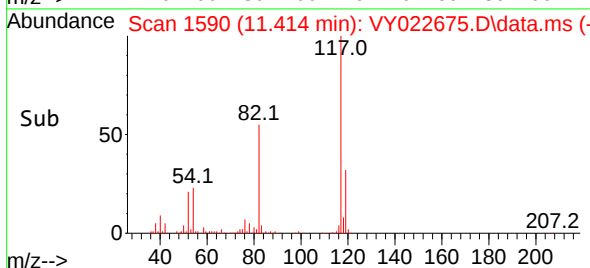
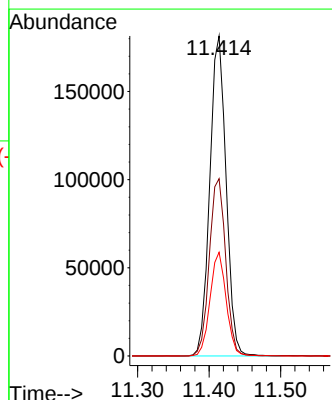
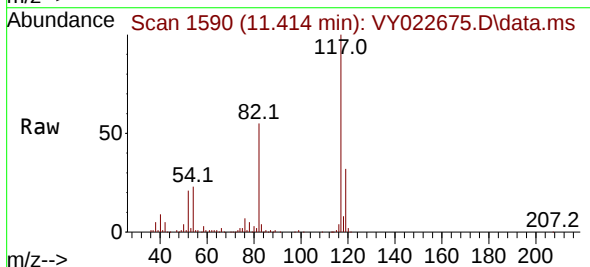
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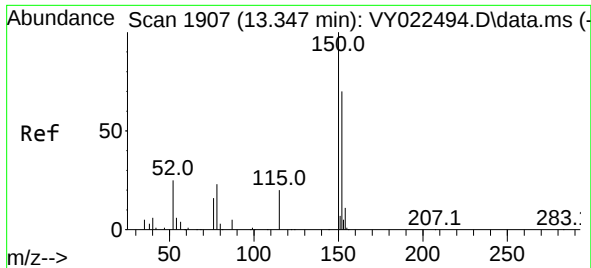
Tgt Ion: 95 Resp: 105136
Ion Ratio Lower Upper
95 100
174 88.6 0.0 170.0
176 86.2 0.0 166.2



#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# 1906
 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

