

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021905.D
 Acq On : 17 Apr 2025 12:54
 Operator : SY/MD
 Sample : Q1826-03
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Apr 18 03:57:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	238052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126988	49.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.460%
35) Dibromofluoromethane	7.634	113	140677	50.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.109	98	513206	47.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.408	95	140422	38.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.660%

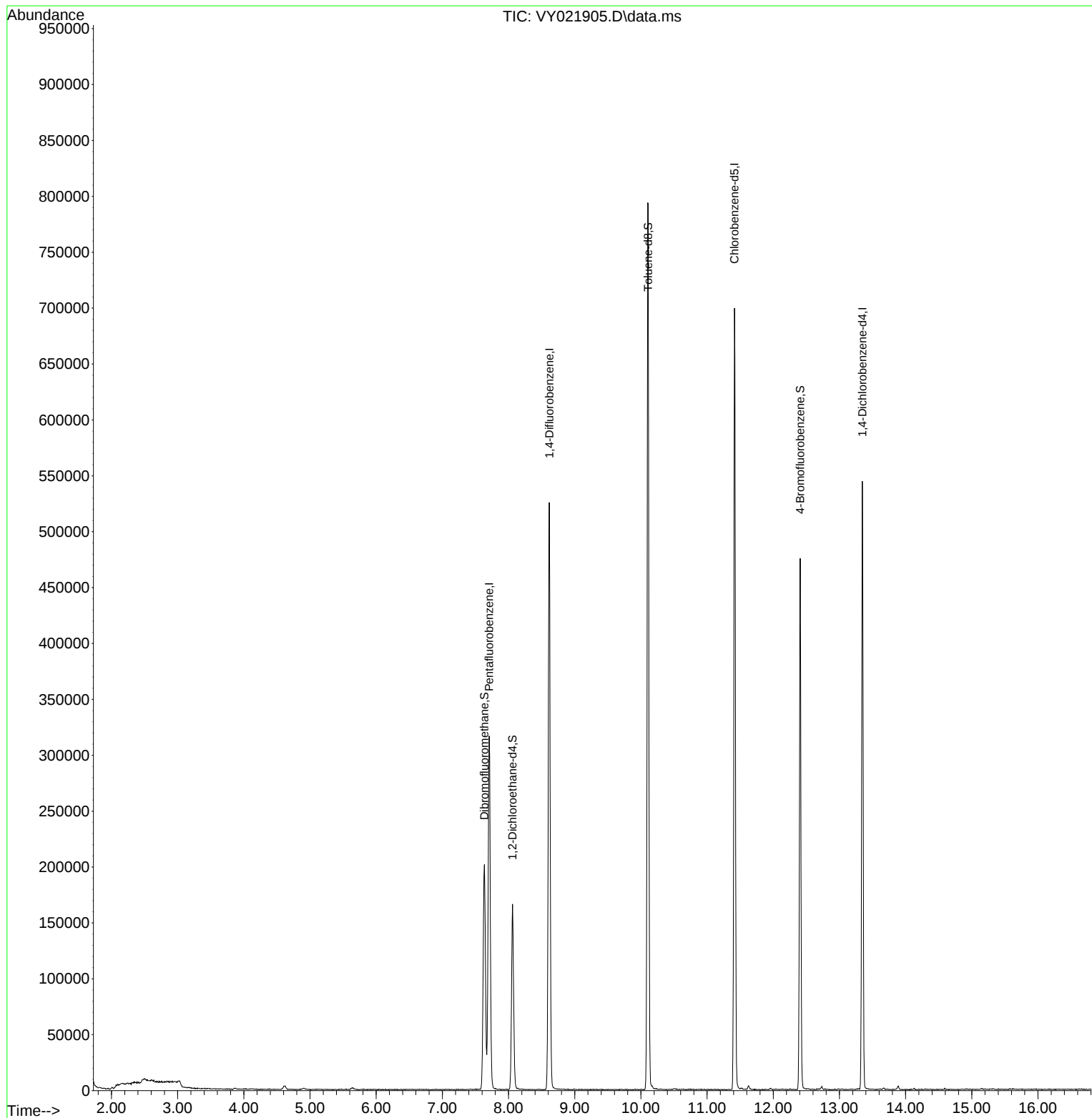
Target Compounds	Qvalue

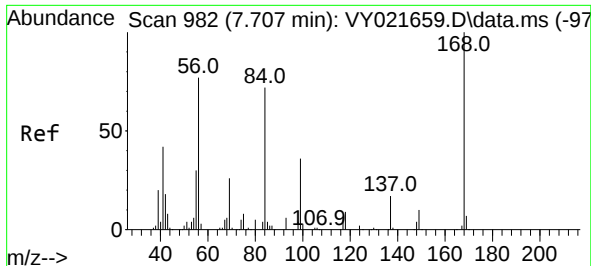
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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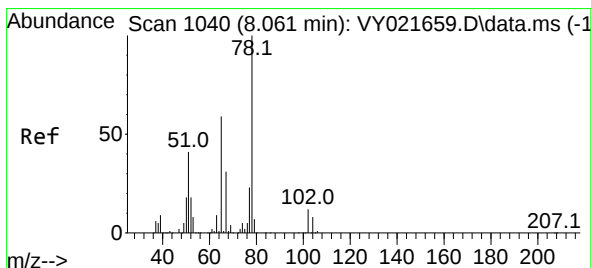
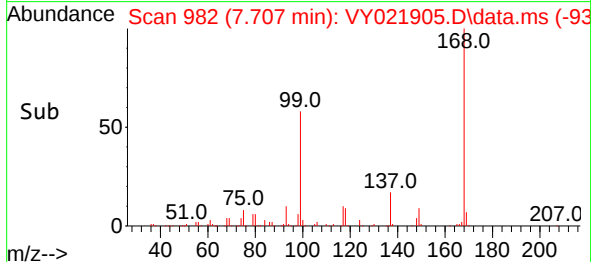
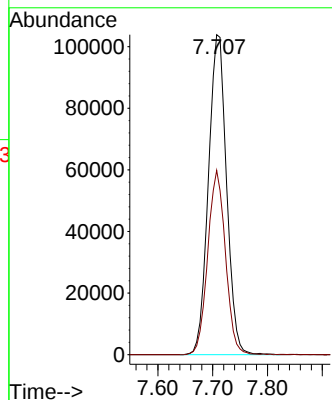
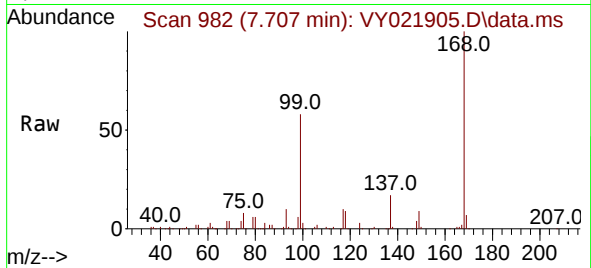




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

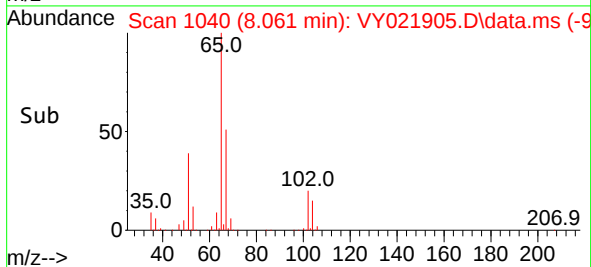
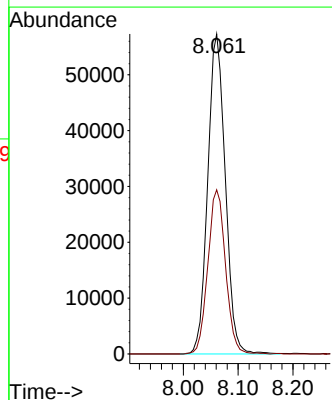
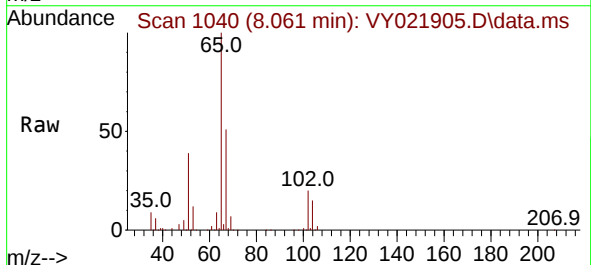
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE

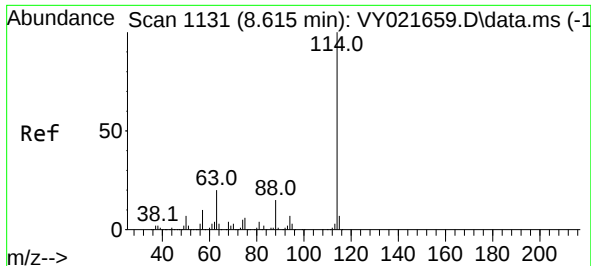
Tgt Ion:168 Resp: 238052
Ion Ratio Lower Upper
168 100
99 57.6 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 49.235 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Tgt Ion: 65 Resp: 126988
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6

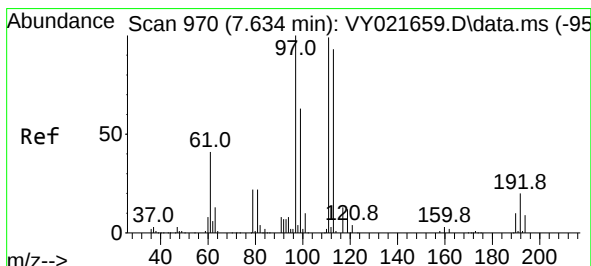
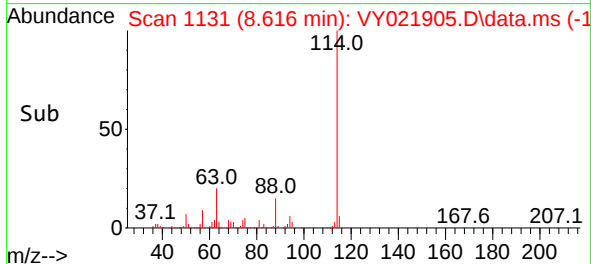
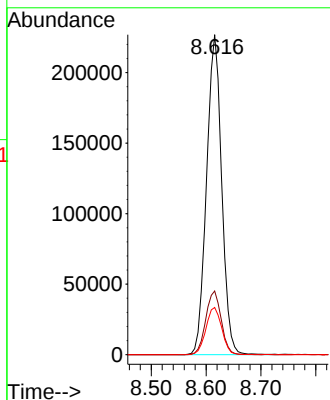
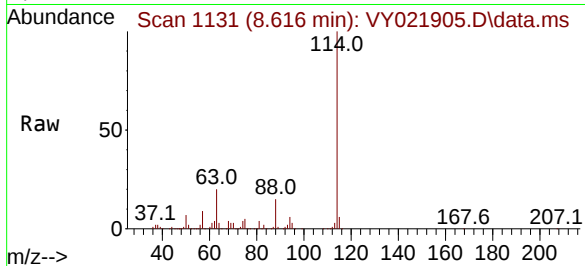




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021905.D
 Acq: 17 Apr 2025 12:54

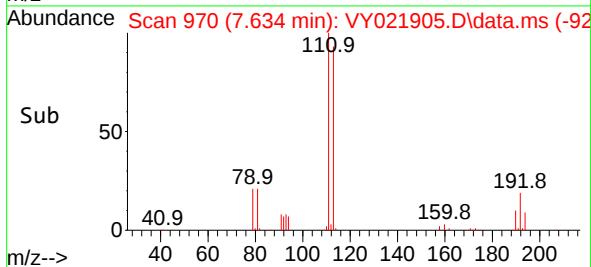
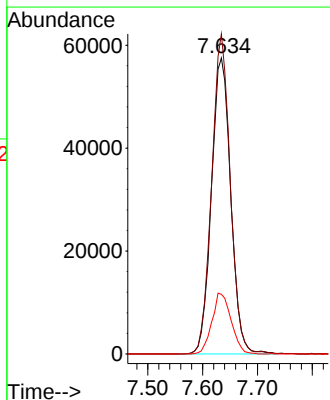
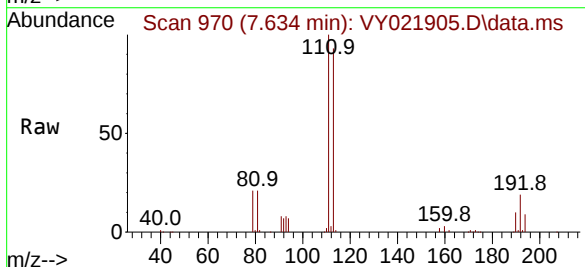
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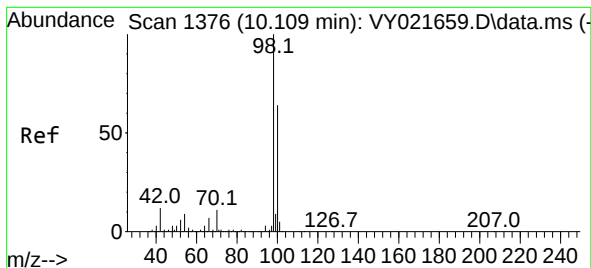
Tgt Ion:114 Resp: 433274
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.2
 88 14.7 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 50.053 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021905.D
 Acq: 17 Apr 2025 12:54

Tgt Ion:113 Resp: 140677
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 123.8
 192 20.4 16.2 24.4

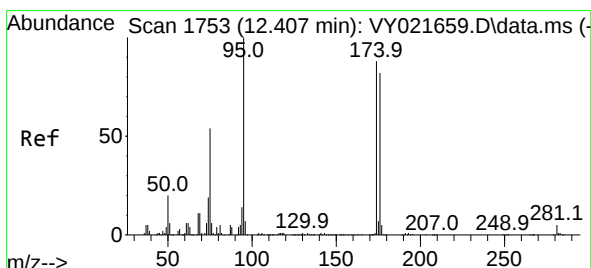
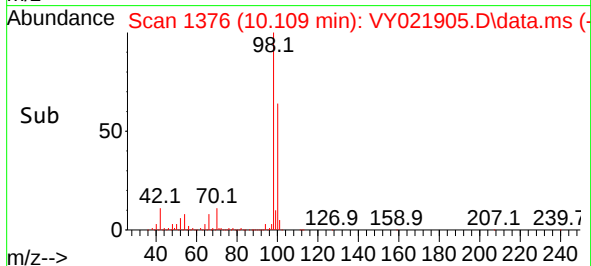
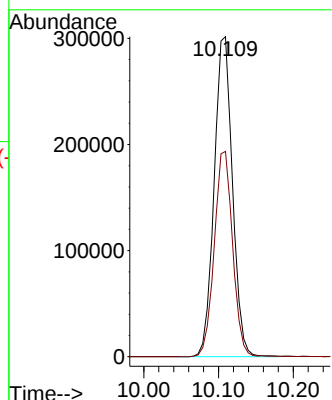
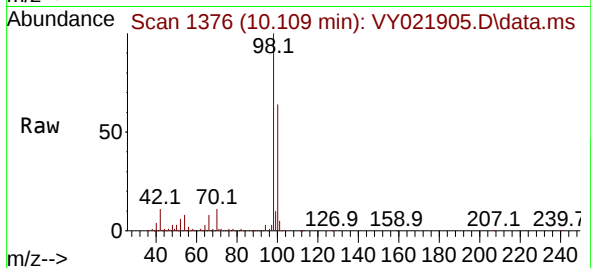




#50
Toluene-d8
Concen: 47.998 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

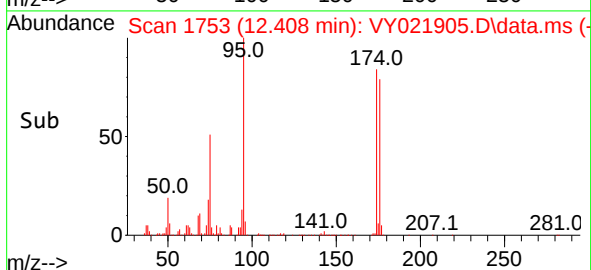
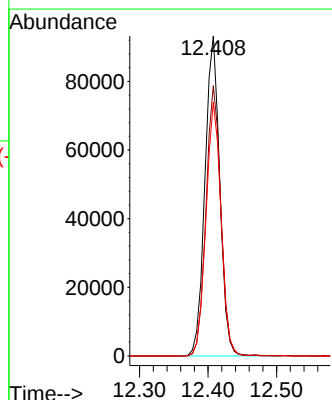
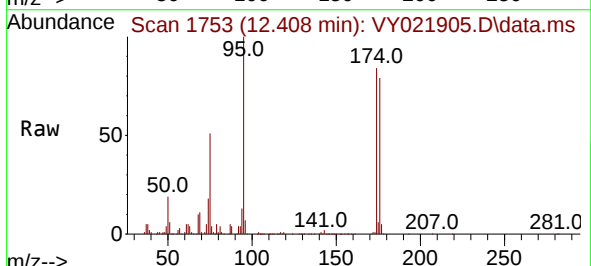
Instrument :
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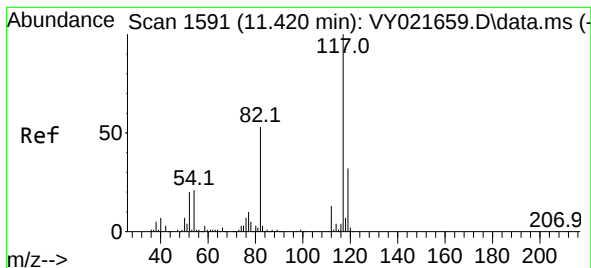
Tgt Ion: 98 Resp: 513206
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.827 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Tgt Ion: 95 Resp: 140422
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 80.6 0.0 162.0

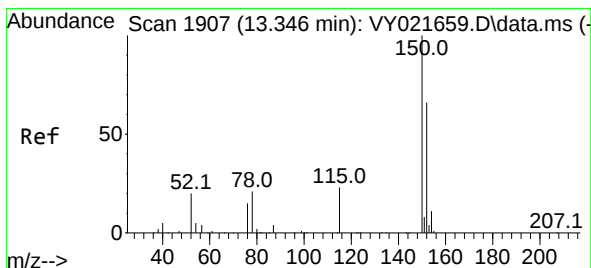
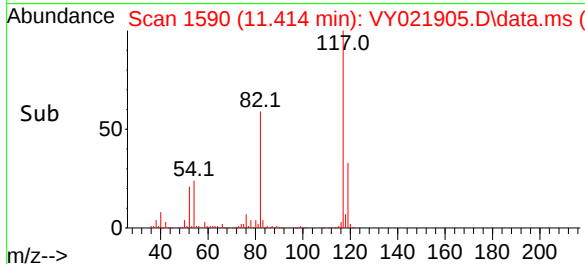
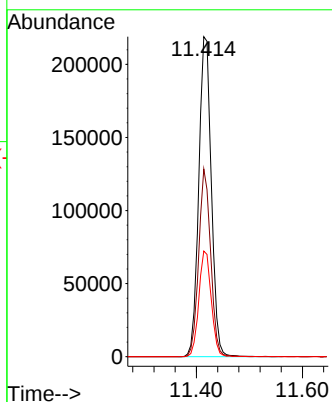
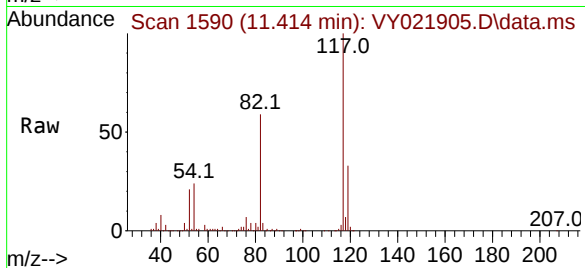




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE

Tgt Ion:117 Resp: 360446
Ion Ratio Lower Upper
117 100
82 58.7 42.8 64.2
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021905.D
Acq: 17 Apr 2025 12:54

Tgt Ion:152 Resp: 133128
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 156.3 0.0 348.4

