

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019840.D
 Acq On : 09 Oct 2024 18:14
 Operator : SY/MD
 Sample : P4359-01
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXCAVATION-SOIL

Quant Time: Oct 10 05:41:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

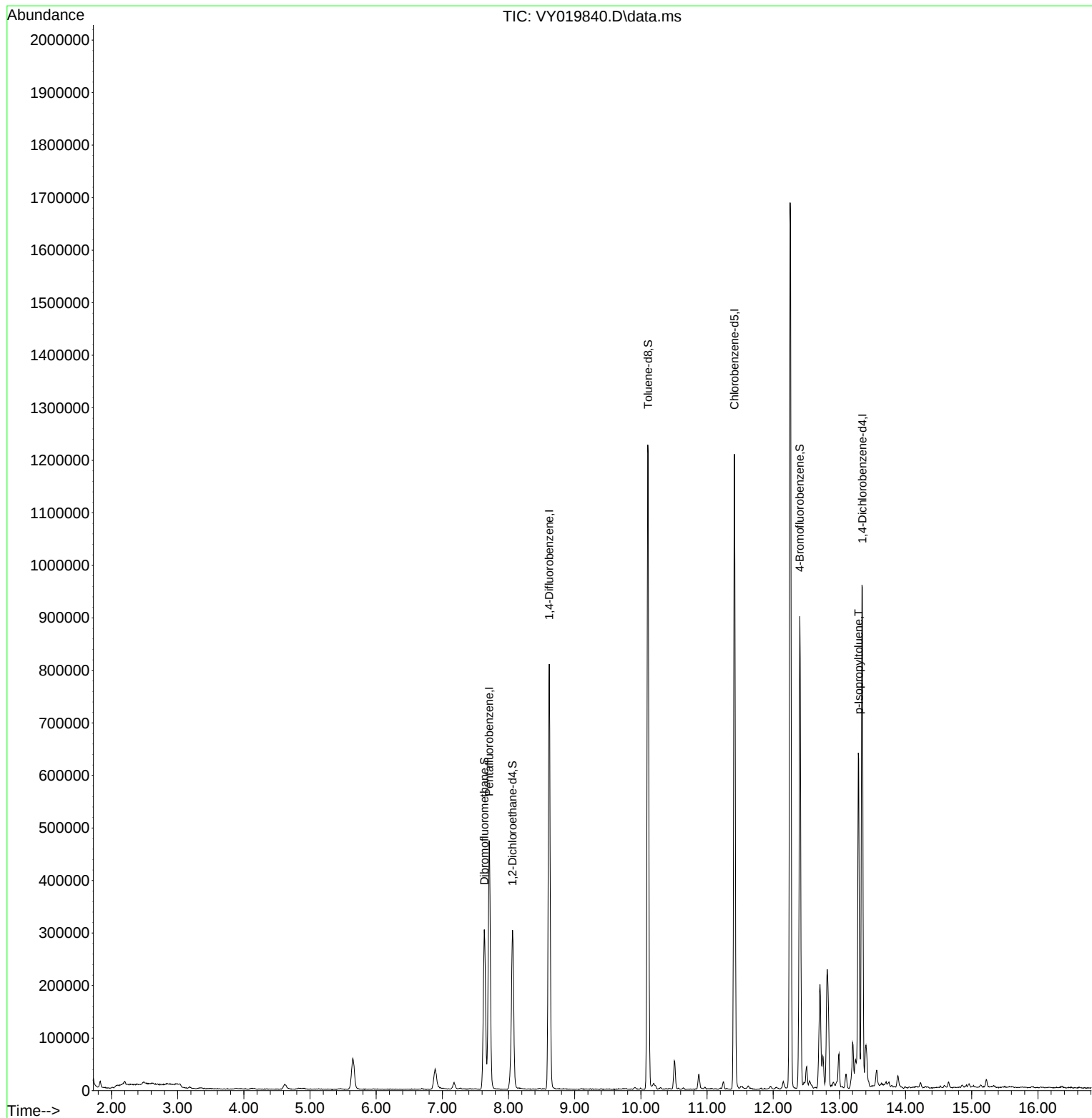
Internal Standards						
1) Pentafluorobenzene	7.707	168	330643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	651501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	594250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	231861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	220434	54.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.634	113	214092	49.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.600%	
50) Toluene-d8	10.109	98	792582	49.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.402	95	264372	46.085	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.180%	
Target Compounds						
86) p-Isopropyltoluene	13.292	119	332085	19.399	ug/l	Qvalue 99

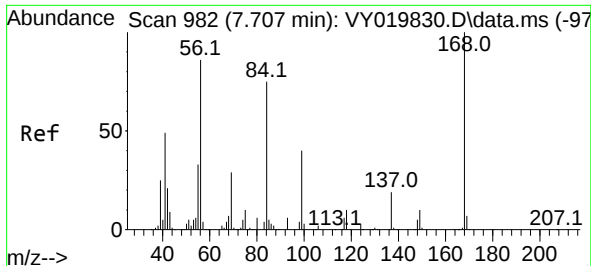
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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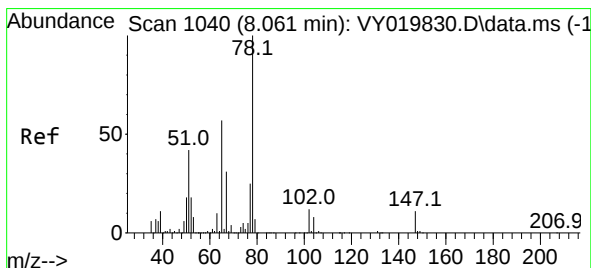
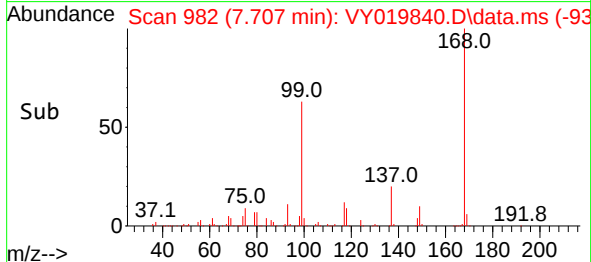
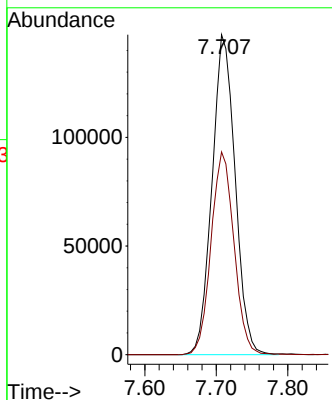
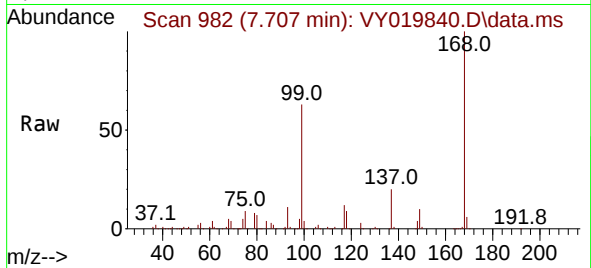




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019840.D
Acq: 09 Oct 2024 18:14

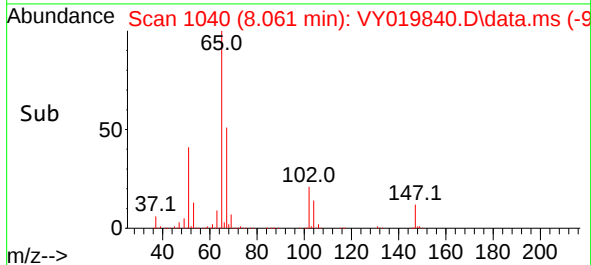
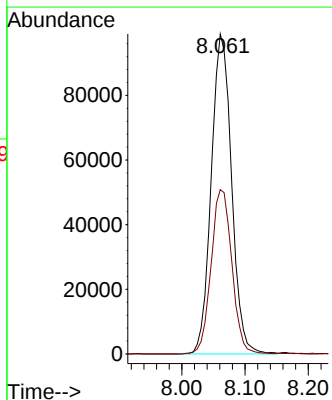
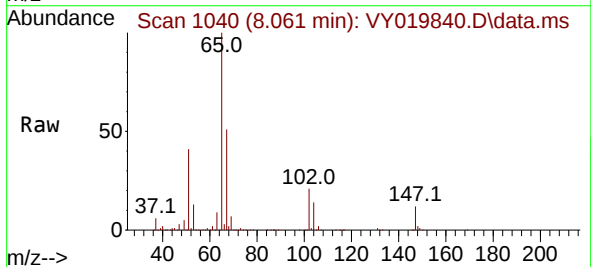
Instrument :
MSVOA_Y
ClientSampleId :
EXCAVATION-SOIL

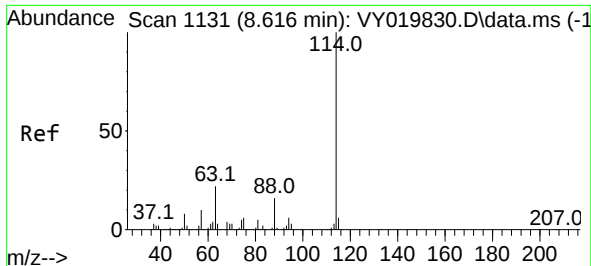
Tgt Ion:168 Resp: 330643
Ion Ratio Lower Upper
168 100
99 63.3 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 54.145 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019840.D
Acq: 09 Oct 2024 18:14

Tgt Ion: 65 Resp: 220434
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

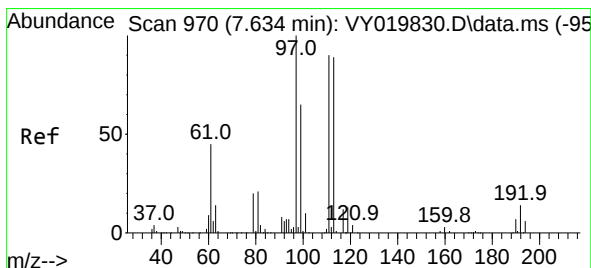
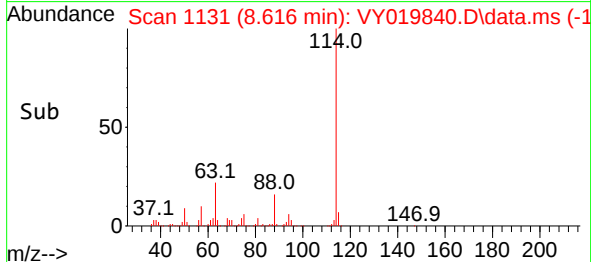
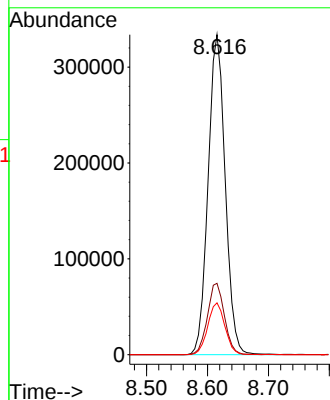
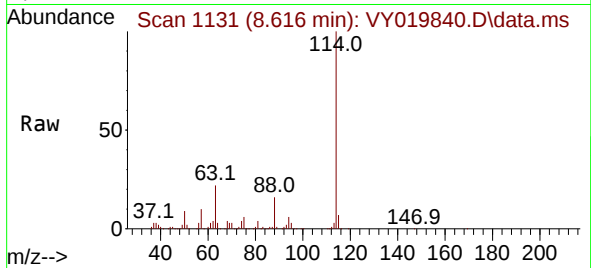




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019840.D
Acq: 09 Oct 2024 18:14

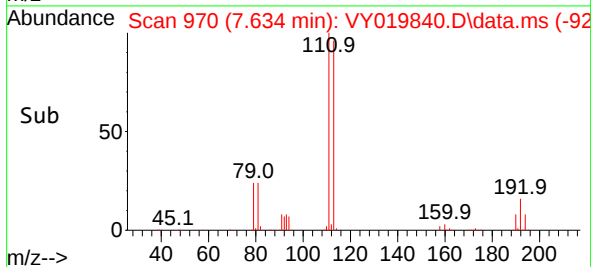
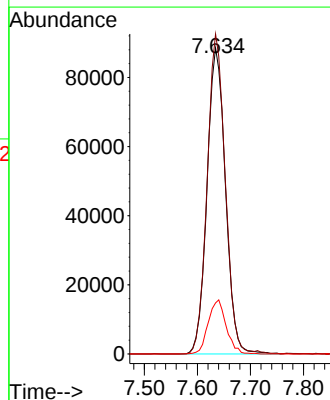
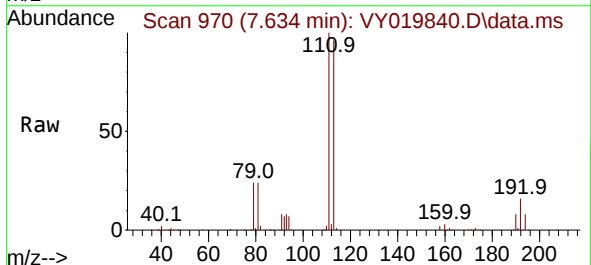
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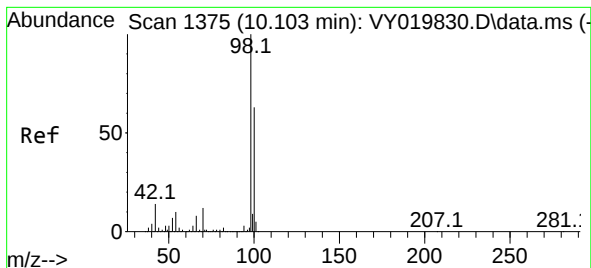
Tgt Ion:	114	Resp:	651501
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.8
88	16.2	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.798 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019840.D
Acq: 09 Oct 2024 18:14

Tgt Ion:	113	Resp:	214092
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	17.2	13.6	20.4

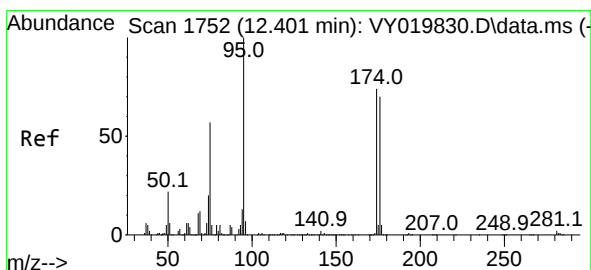
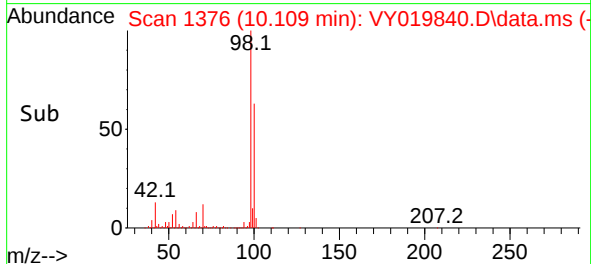
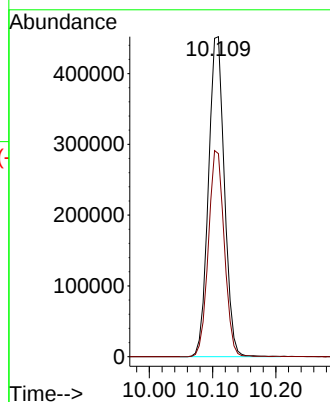
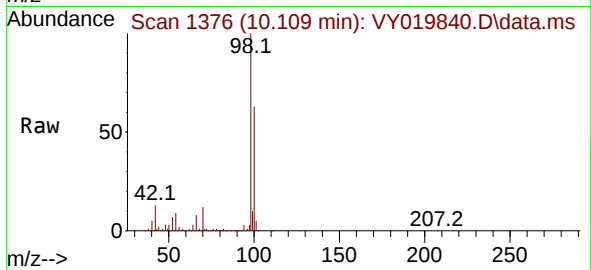




#50
Toluene-d8
Concen: 49.922 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY019840.D
Acq: 09 Oct 2024 18:14

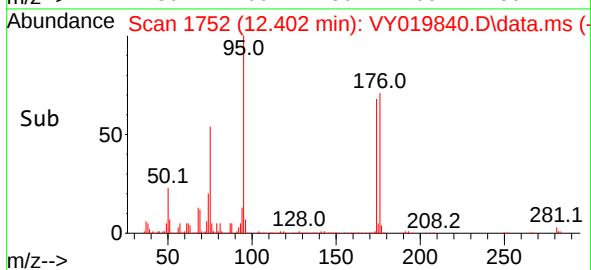
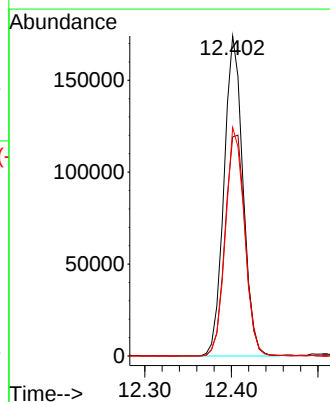
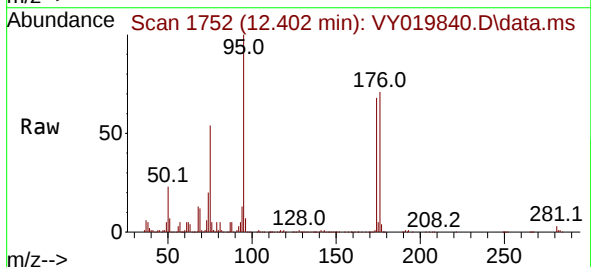
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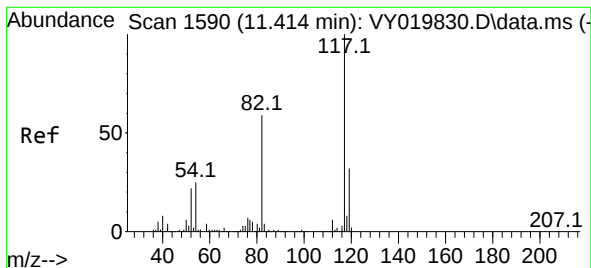
Tgt Ion: 98 Resp: 792582
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.085 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019840.D
Acq: 09 Oct 2024 18:14

Tgt Ion: 95 Resp: 264372
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.0
176 71.7 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019840.D

Acq: 09 Oct 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

EXCAVATION-SOIL

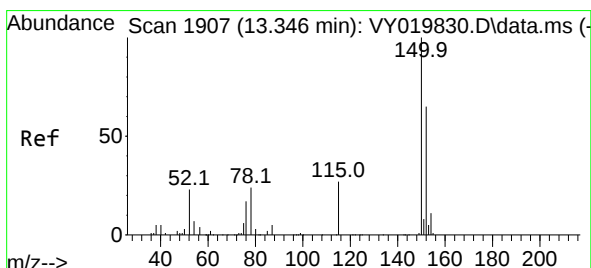
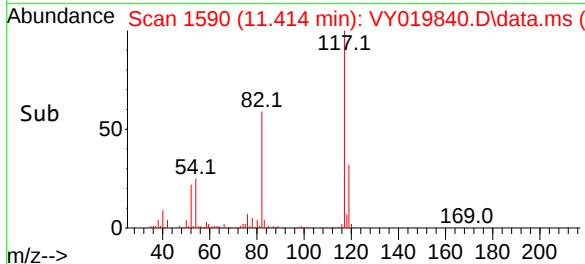
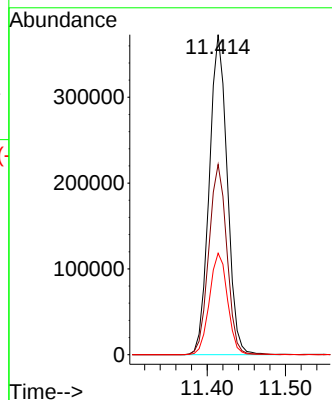
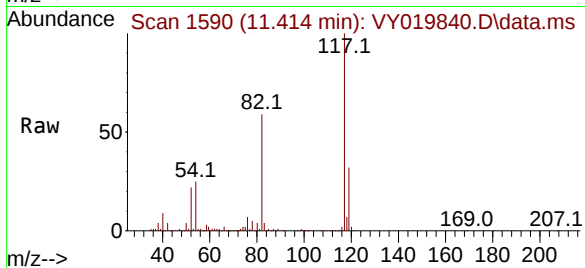
Tgt Ion:117 Resp: 594250

Ion Ratio Lower Upper

117 100

82 59.5 46.9 70.3

119 31.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019840.D

Acq: 09 Oct 2024 18:14

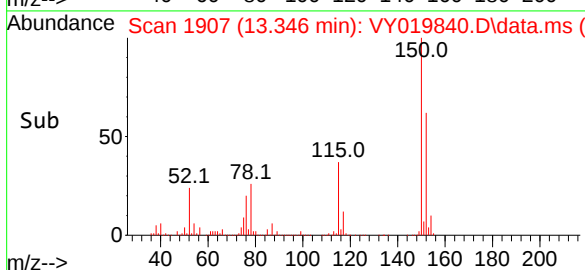
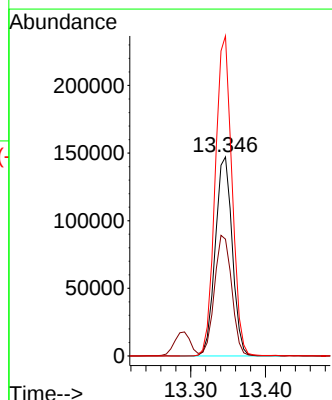
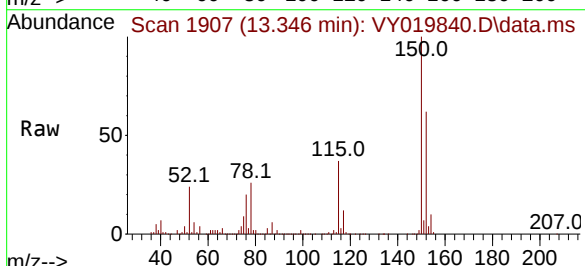
Tgt Ion:152 Resp: 231861

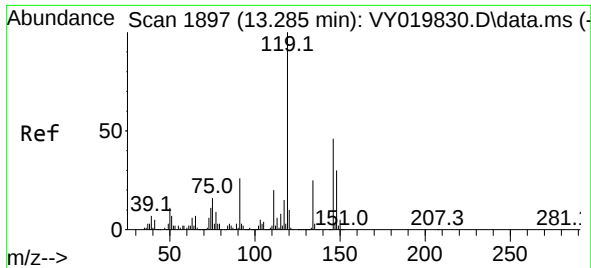
Ion Ratio Lower Upper

152 100

115 61.5 30.8 92.3

150 158.6 0.0 352.8





#86
 p-Isopropyltoluene
 Concen: 19.399 ug/l
 RT: 13.292 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY019840.D
 Acq: 09 Oct 2024 18:14

Instrument :
 MSVOA_Y
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Tgt Ion:119 Resp: 332085
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 25.9 12.7 38.0

