

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020537.D
 Acq On : 06 Dec 2024 15:30
 Operator : SY/MD
 Sample : P5137-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-OILY-STONES

Quant Time: Dec 07 03:26:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

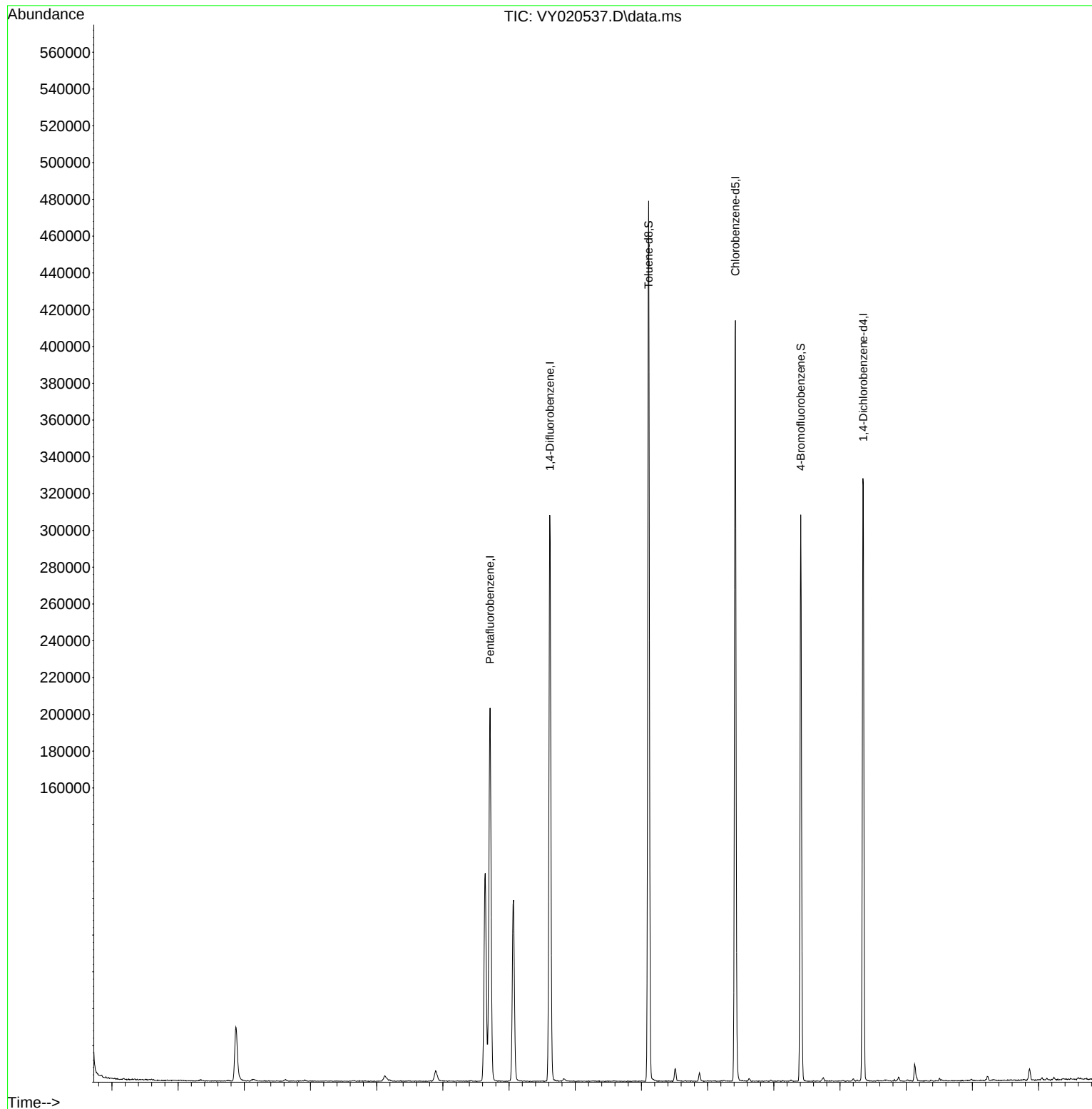
Internal Standards						
1) Pentafluorobenzene	7.713	168	148914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	255678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	214242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	81499	53.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.620%
35) Dibromofluoromethane	7.640	113	79778	49.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.109	98	308249	50.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.407	95	91654	42.756	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.520%
Target Compounds						
16) Acetone	3.872	43	55463	147.284	ug/l	Qvalue 94

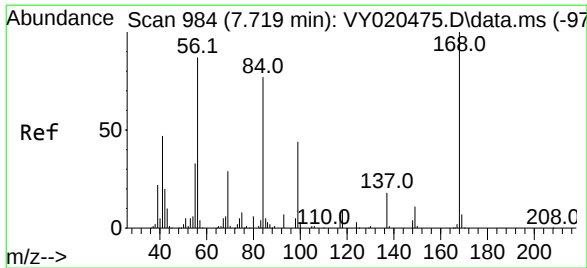
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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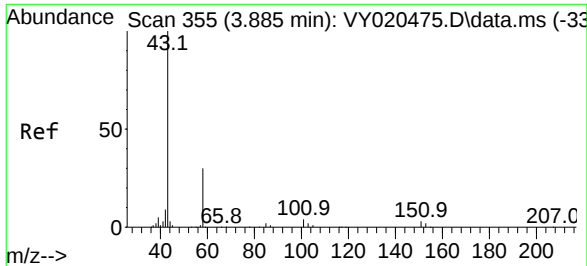
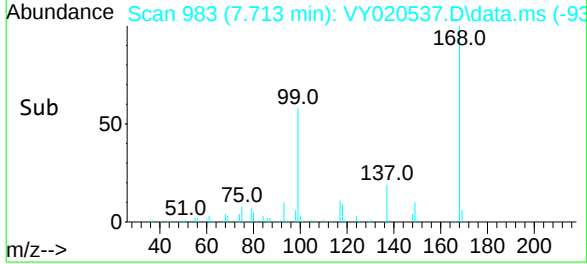
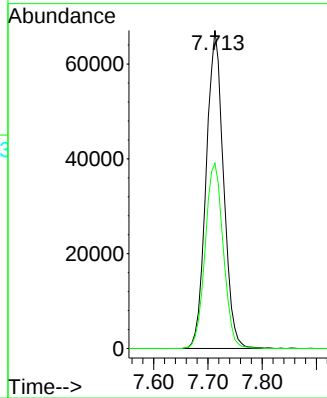
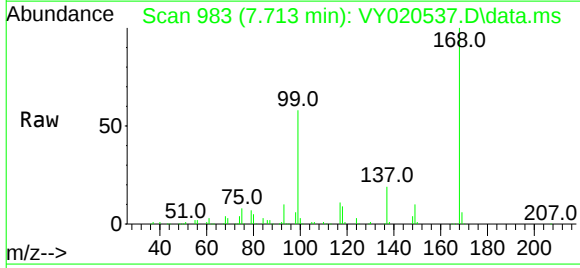




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

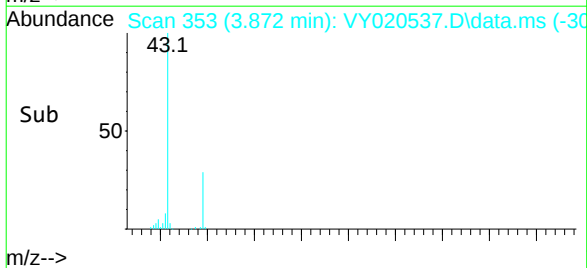
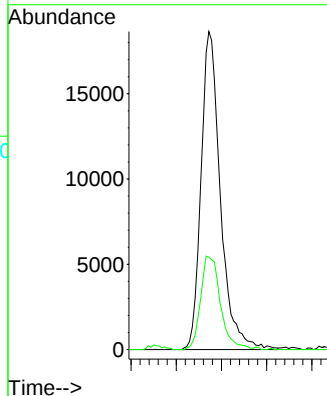
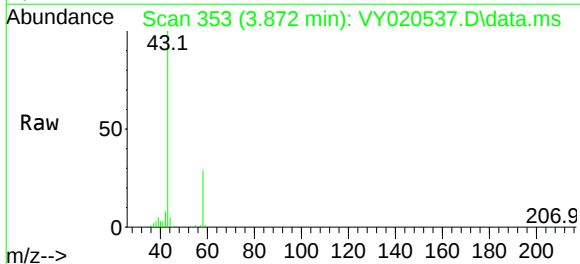
Instrument :
MSVOA_Y
ClientSampleId :
LAW-OILY-STONES

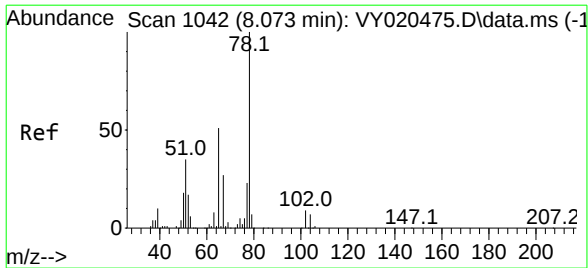
Tgt Ion:168 Resp: 148914
Ion Ratio Lower Upper
168 100
99 58.2 46.6 69.8



#16
Acetone
Concen: 147.284 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.013 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

Tgt Ion: 43 Resp: 55463
Ion Ratio Lower Upper
43 100
58 29.0 25.7 38.5

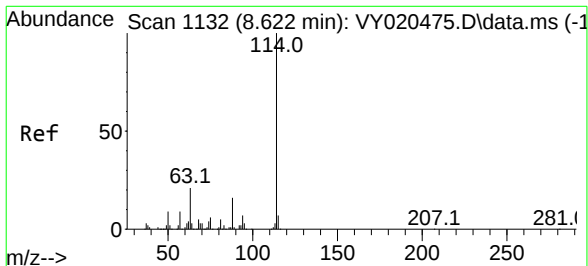
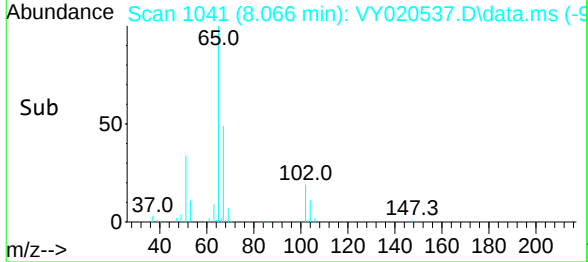
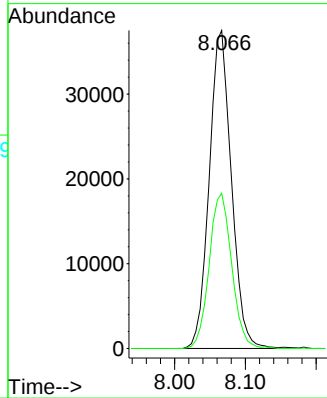
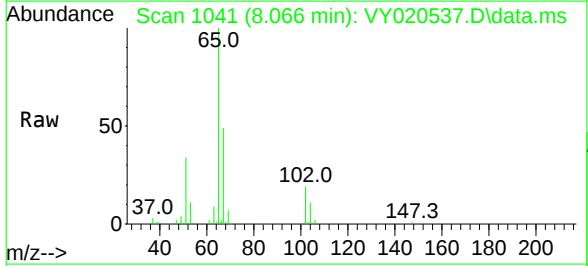




#33
 1,2-Dichloroethane-d4
 Concen: 53.813 ug/l
 RT: 8.066 min Scan# 1041
 Delta R.T. -0.007 min
 Lab File: VY020537.D
 Acq: 06 Dec 2024 15:30

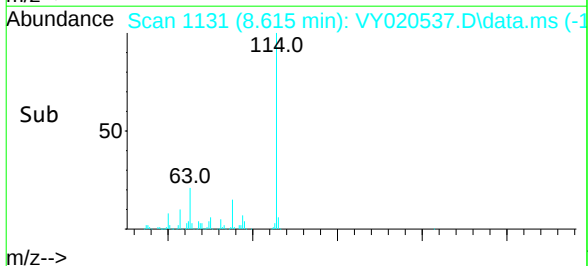
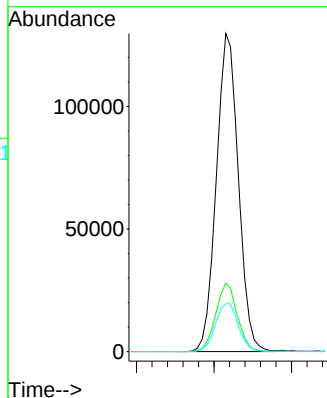
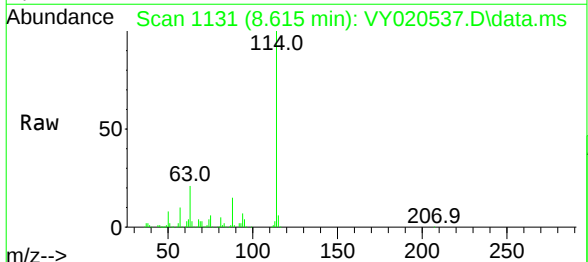
Instrument :
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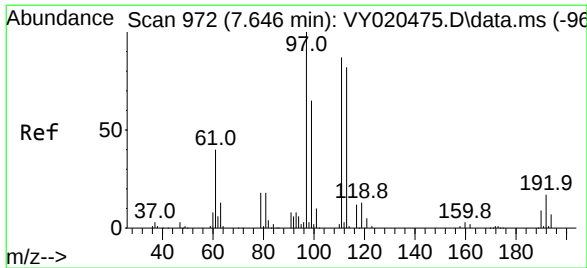
Tgt Ion: 65 Resp: 81499
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.007 min
 Lab File: VY020537.D
 Acq: 06 Dec 2024 15:30

Tgt Ion: 114 Resp: 255678
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.8
 88 15.0 0.0 32.0

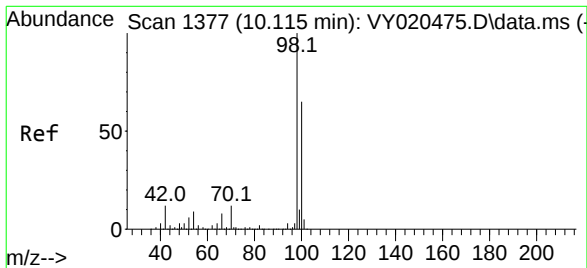
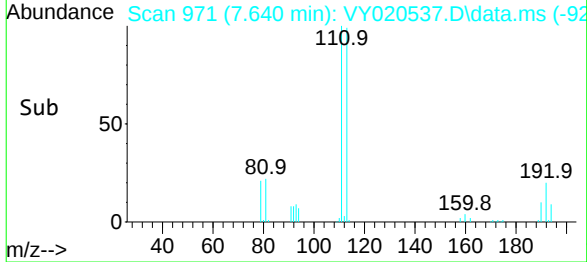
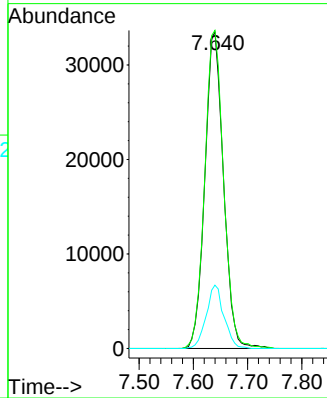
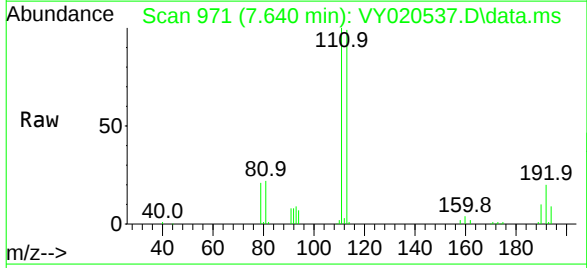




#35
Dibromofluoromethane
Concen: 49.563 ug/l
RT: 7.640 min Scan# 97
Delta R.T. -0.007 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

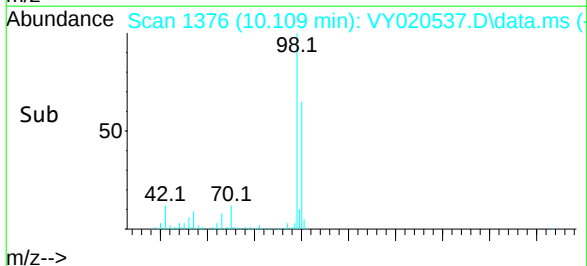
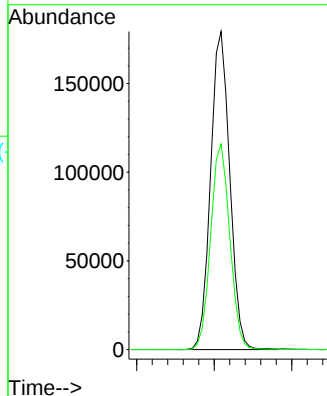
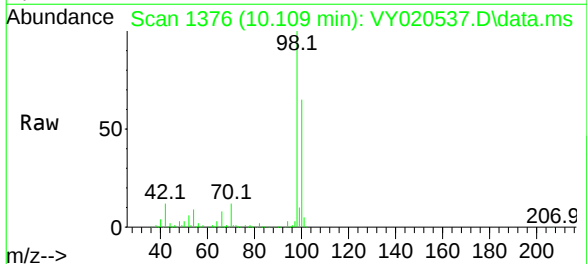
Instrument :
MSVOA_Y
ClientSampleId :
LAW-OILY-STONES

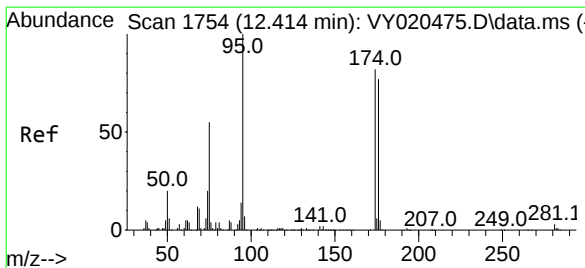
Tgt Ion:113 Resp: 79778
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.0 15.1 22.7



#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.007 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

Tgt Ion: 98 Resp: 308249
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 42.756 ug/l

RT: 12.407 min Scan# 1754

Delta R.T. -0.007 min

Lab File: VY020537.D

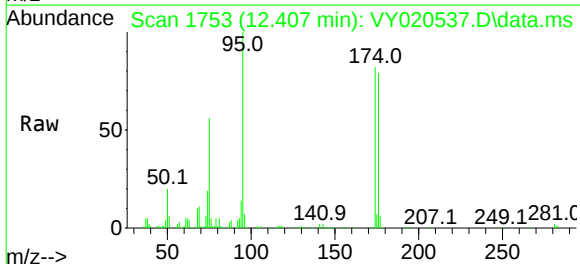
Acq: 06 Dec 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

LAW-OILY-STONES



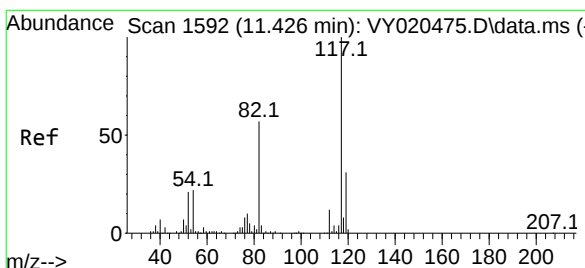
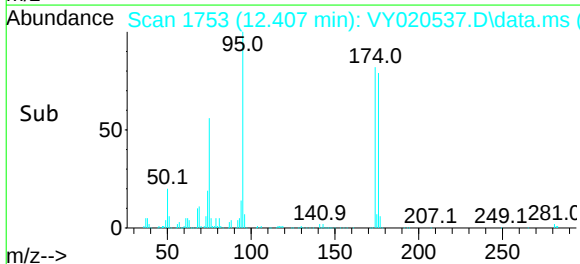
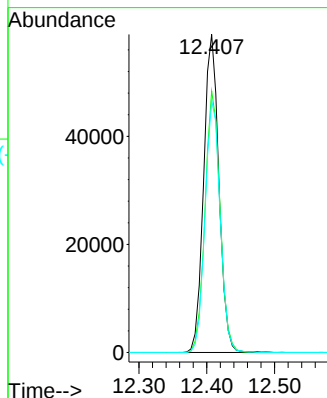
Tgt Ion: 95 Resp: 91654

Ion Ratio Lower Upper

95 100

174 81.7 0.0 156.8

176 78.8 0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.007 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

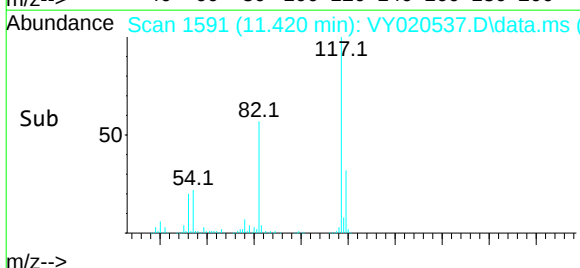
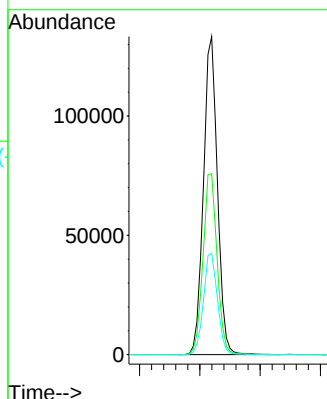
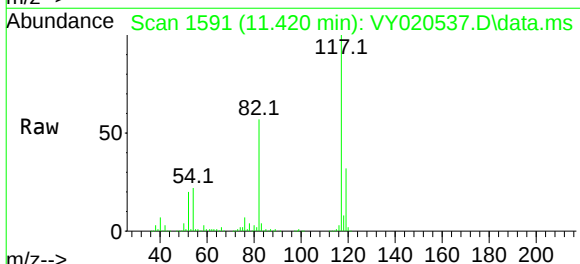
Tgt Ion: 117 Resp: 214242

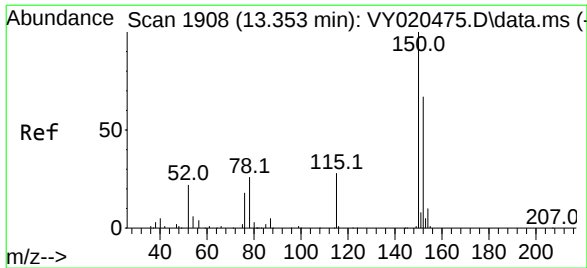
Ion Ratio Lower Upper

117 100

82 56.9 48.2 72.4

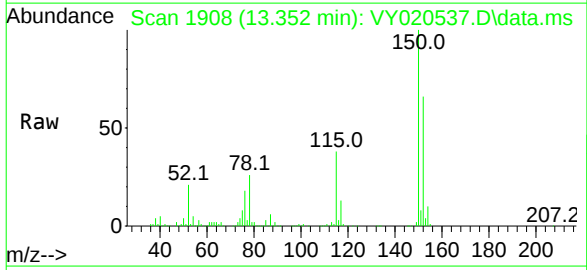
119 31.9 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020537.D
 Acq: 06 Dec 2024 15:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-OILY-STONES



Tgt Ion:	152	Resp:	84678
Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.0	90.0
150	154.6	0.0	348.2

