

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020633.D
 Acq On : 18 Dec 2024 14:07
 Operator : SY/MD
 Sample : P5312-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-VNJ-222

Quant Time: Dec 19 02:48:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

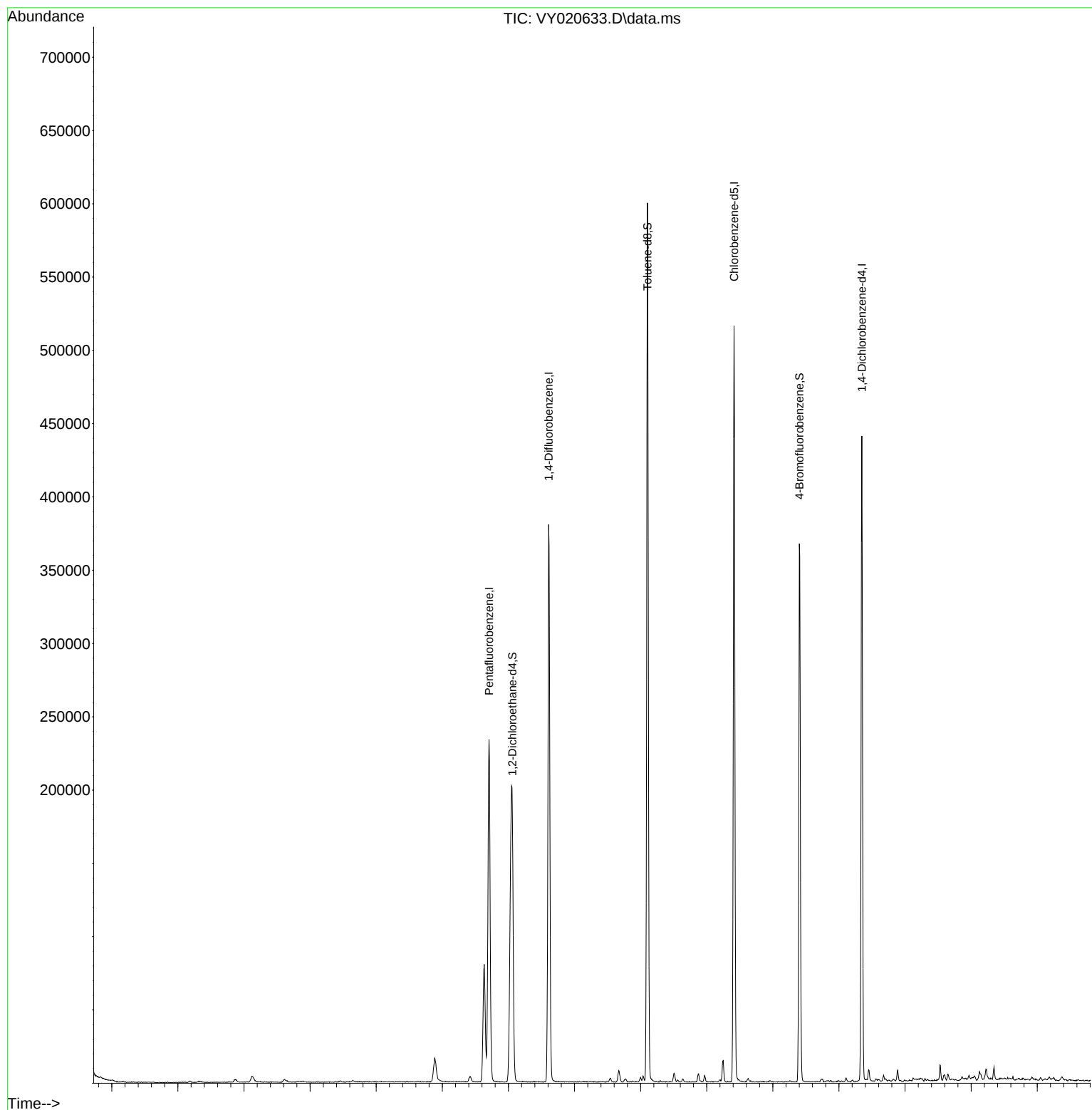
Internal Standards						
1) Pentafluorobenzene	7.707	168	174754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	314435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	266593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	98559	51.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.000%
35) Dibromofluoromethane	7.634	113	56632	25.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.120%#
50) Toluene-d8	10.103	98	379466	48.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.401	95	113972	37.563	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.120%
Target Compounds						
51) 4-Methyl-2-Pentanone	9.993	43	2573	1.355	ug/l #	Qvalue 81

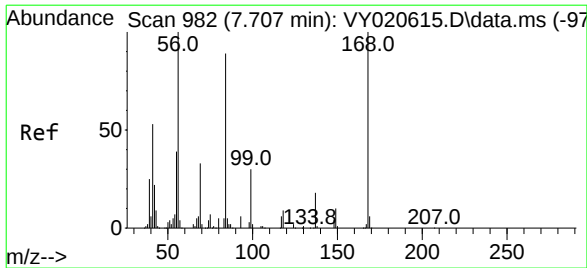
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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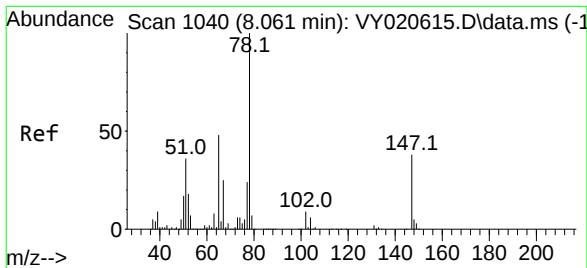
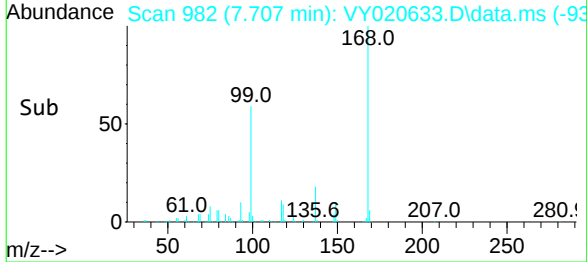
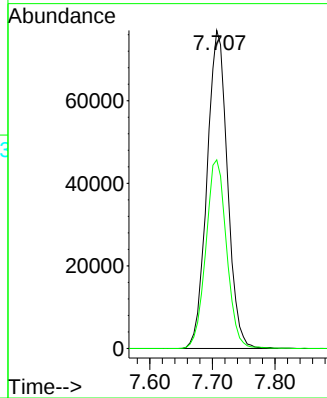
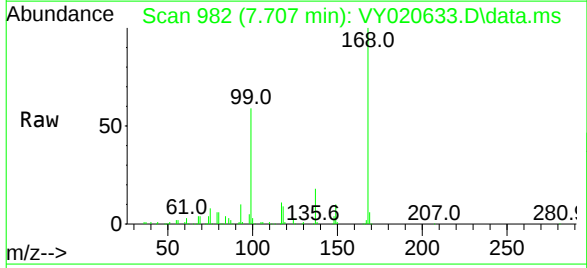




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020633.D
Acq: 18 Dec 2024 14:07

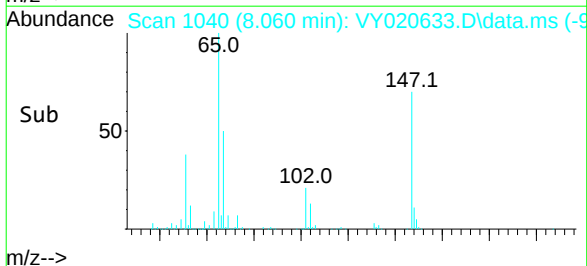
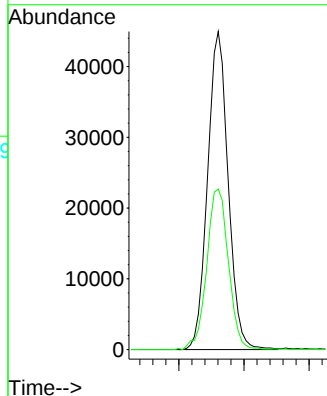
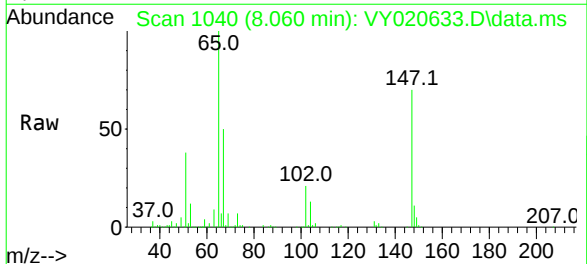
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-VNJ-222

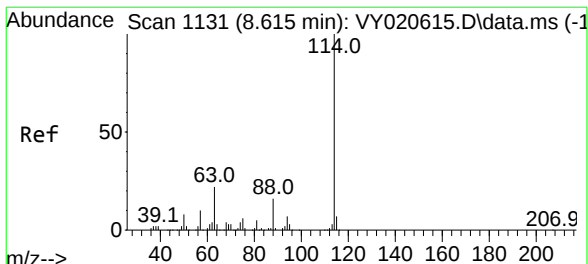
Tgt Ion:168 Resp: 174754
Ion Ratio Lower Upper
168 100
99 59.3 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 51.496 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020633.D
Acq: 18 Dec 2024 14:07

Tgt Ion: 65 Resp: 98559
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0

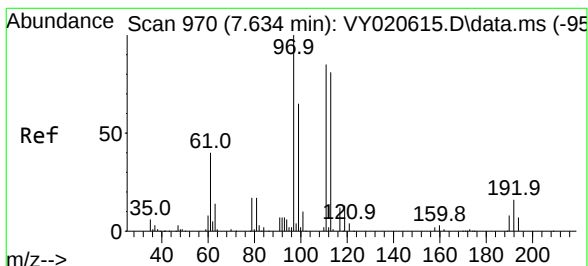
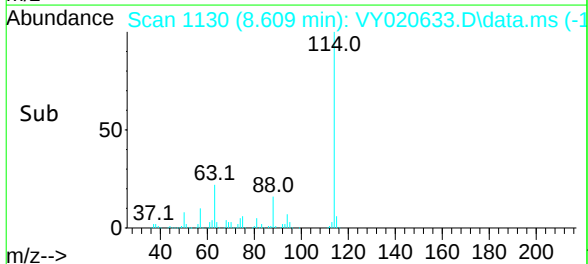
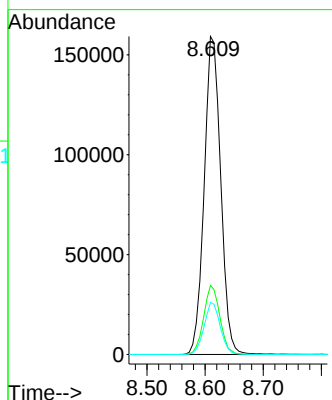
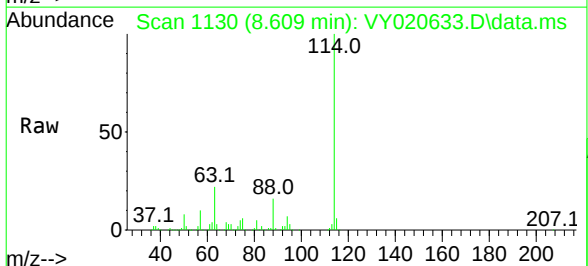




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY020633.D
 Acq: 18 Dec 2024 14:07

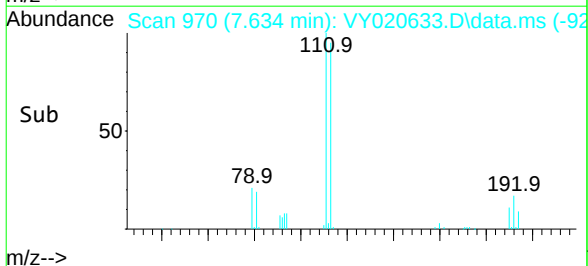
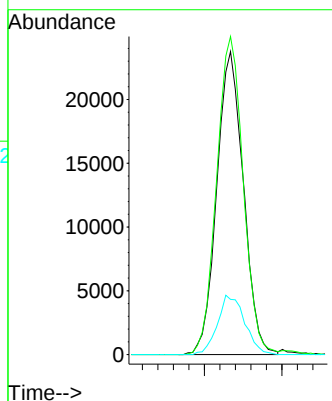
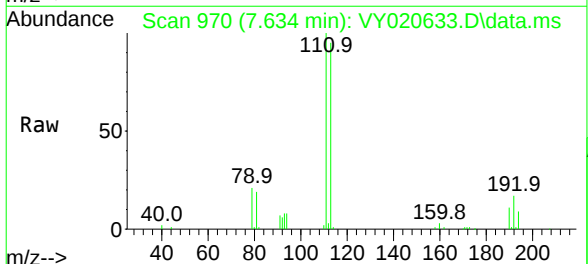
Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-VNJ-222

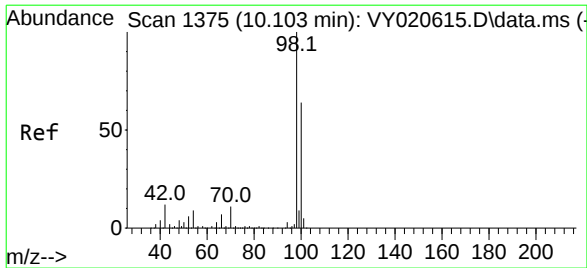
Tgt Ion:	114	Resp:	314435
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.4	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 25.555 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020633.D
 Acq: 18 Dec 2024 14:07

Tgt Ion:	113	Resp:	56632
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.9	124.3
192	20.0	15.7	23.5





#50

Toluene-d8

Concen: 48.922 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY020633.D

Acq: 18 Dec 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

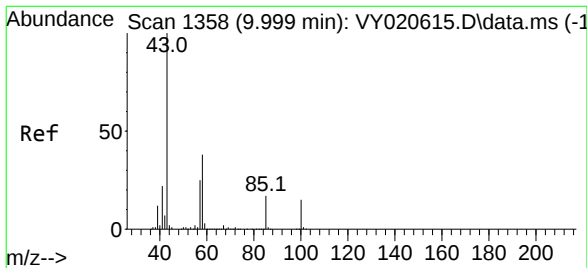
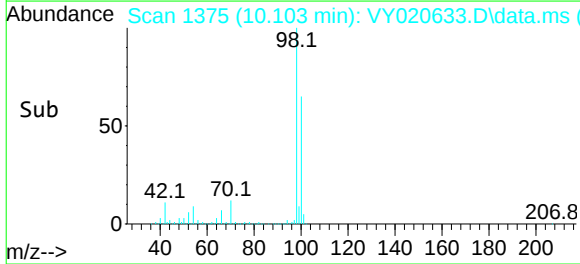
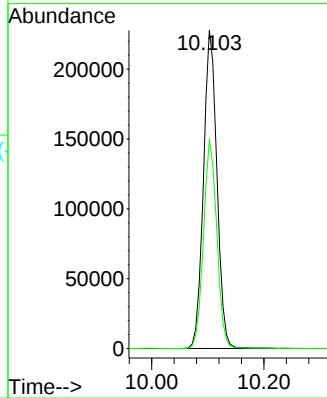
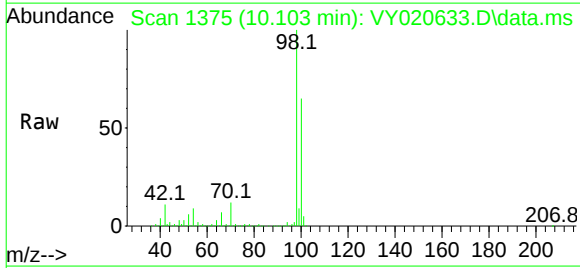
CONCRETE-VNJ-222

Tgt Ion: 98 Resp: 379466

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 1.355 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY020633.D

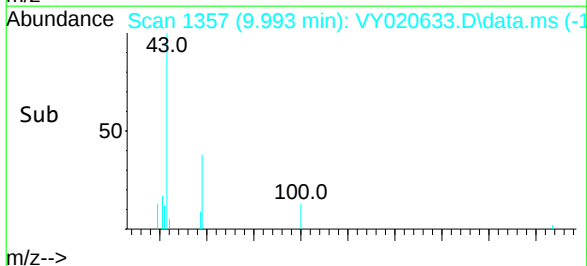
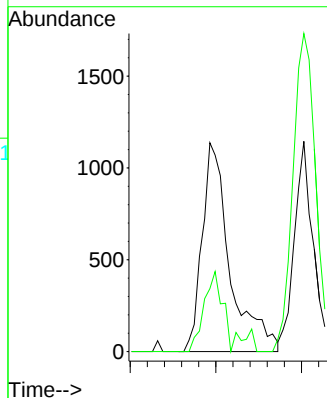
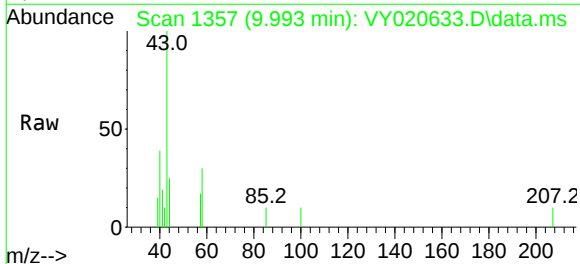
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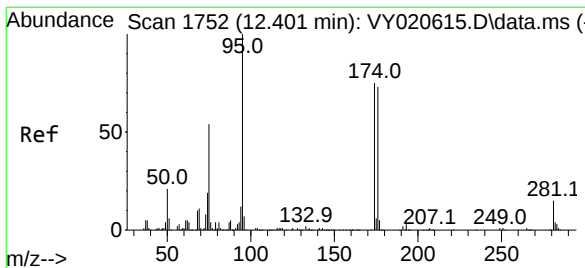
Tgt Ion: 43 Resp: 2573

Ion Ratio Lower Upper

43 100

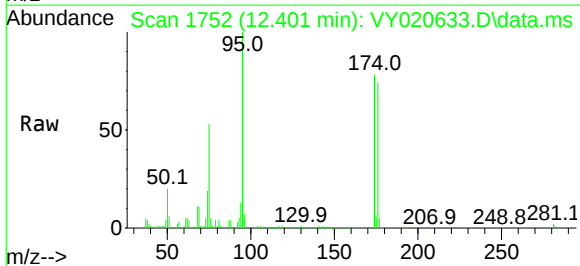
58 27.6 31.4 47.2#



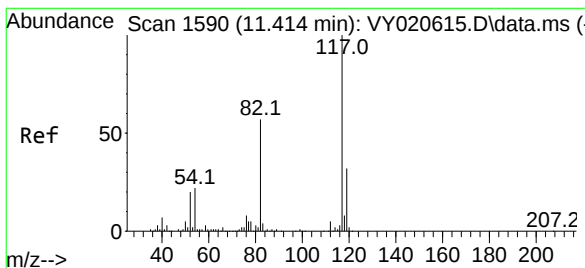
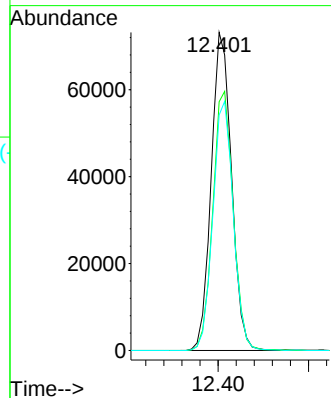
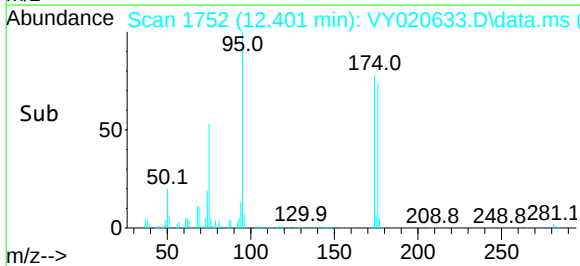


#62
4-Bromofluorobenzene
Concen: 37.563 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY020633.D
Acq: 18 Dec 2024 14:07

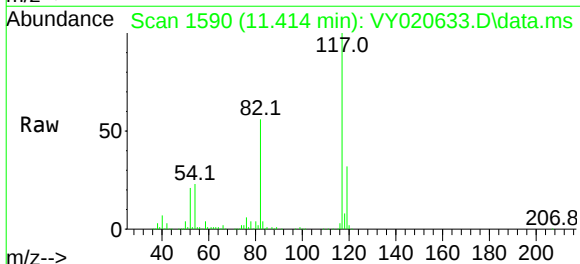
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CONCRETE-VNJ-222



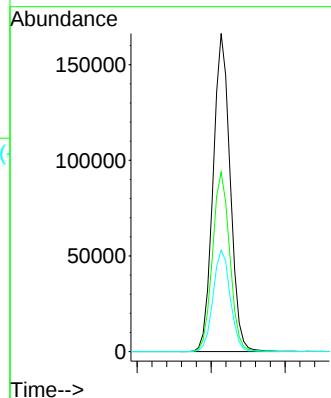
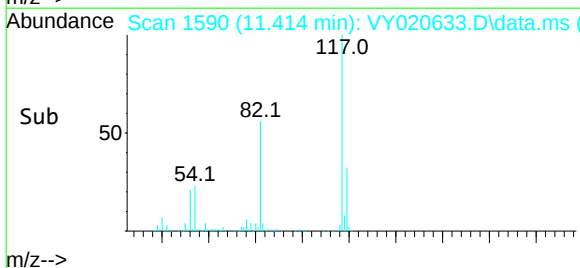
Tgt Ion: 95 Resp: 113972
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.8
176 78.8 0.0 156.6

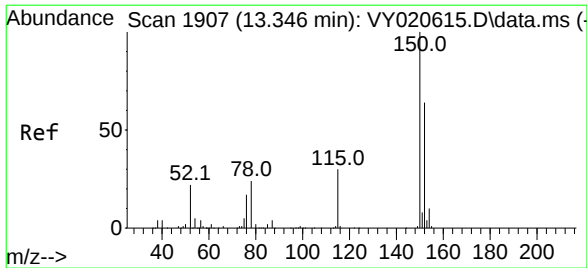


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020633.D
Acq: 18 Dec 2024 14:07



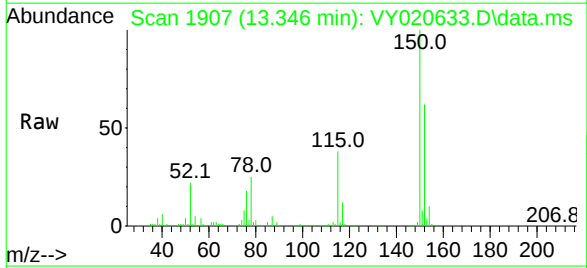
Tgt Ion: 117 Resp: 266593
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 31.9 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020633.D
 Acq: 18 Dec 2024 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-VNJ-222



Tgt Ion:	152	Resp:	105434
Ion Ratio	Lower	Upper	
152	100		
115	59.4	30.2	90.6
150	157.3	0.0	355.4

