

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020649.D
 Acq On : 19 Dec 2024 12:52
 Operator : SY/MD
 Sample : P5312-03RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-VNJ-222RE

Quant Time: Dec 20 01:50:22 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)

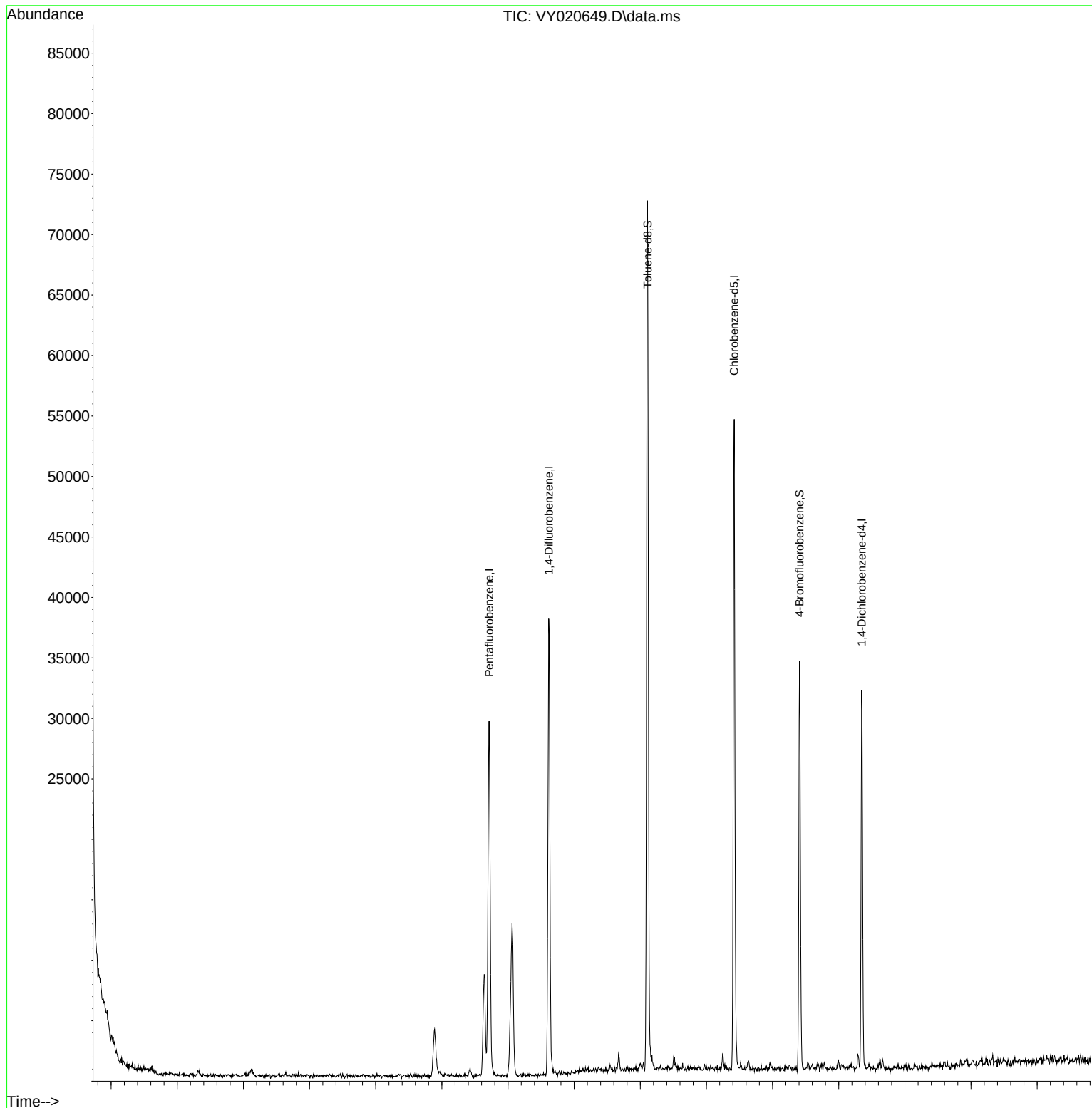
Internal Standards						
1) Pentafluorobenzene	7.713	168	23133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	33804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	29436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	8465	33.412	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.820%
35) Dibromofluoromethane	7.646	113	6439	27.027	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.060%
50) Toluene-d8	10.109	98	51043	61.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	122.420%
62) 4-Bromofluorobenzene	12.407	95	10369	31.788	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.580%
Target Compounds						
					Qvalue	
77) Bromobenzene	12.536	156	178	1.170	ug/l	69
87) 1,3-Dichlorobenzene	13.291	146	377	1.256	ug/l	91
91) 1,2-Dichlorobenzene	13.663	146	382	1.469	ug/l	87

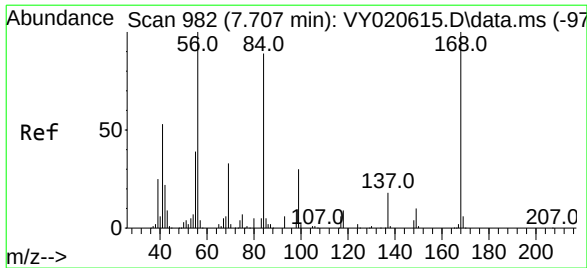
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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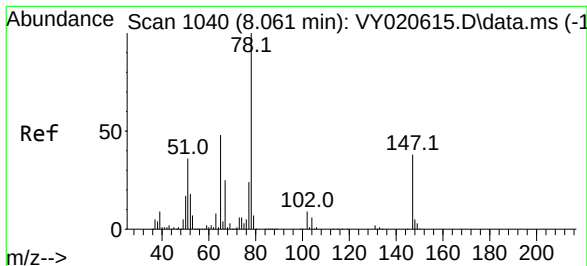
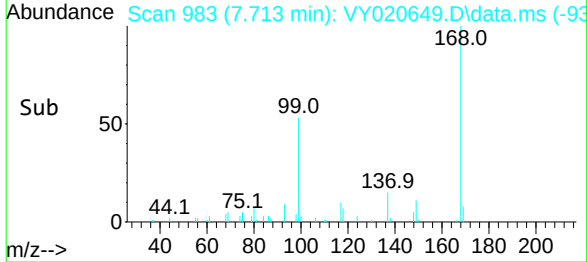
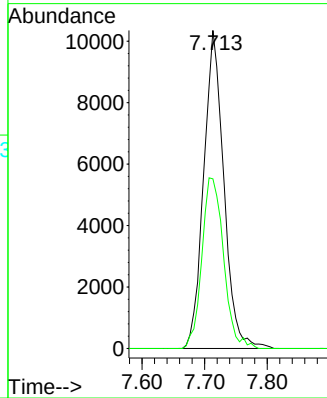
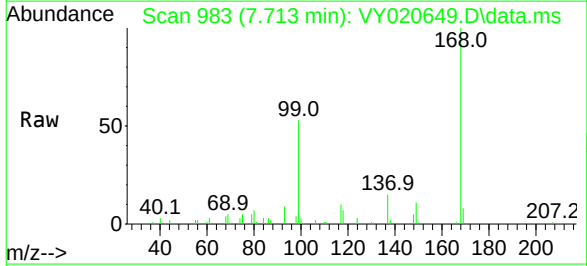




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020649.D
Acq: 19 Dec 2024 12:52

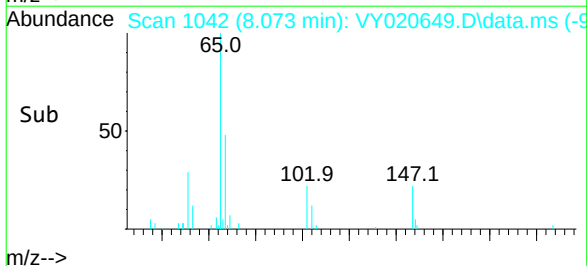
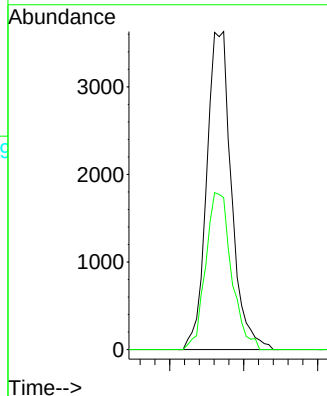
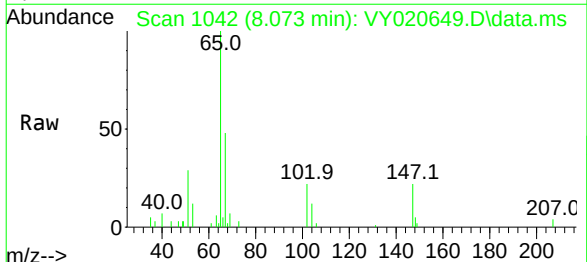
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-VNJ-222RE

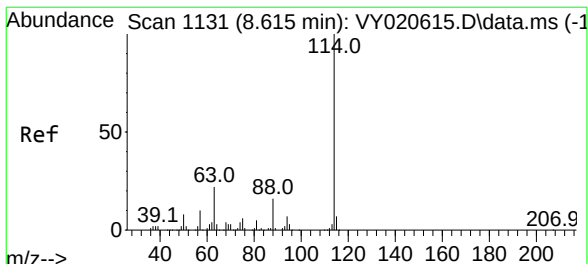
Tgt Ion:168 Resp: 23133
Ion Ratio Lower Upper
168 100
99 53.3 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 33.412 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020649.D
Acq: 19 Dec 2024 12:52

Tgt Ion: 65 Resp: 8465
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.0

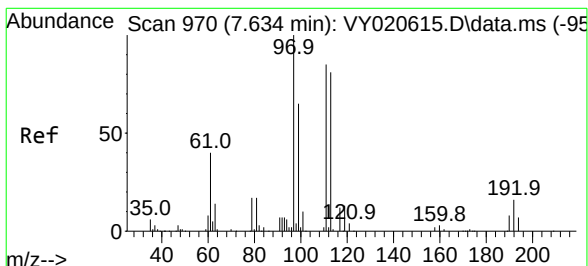
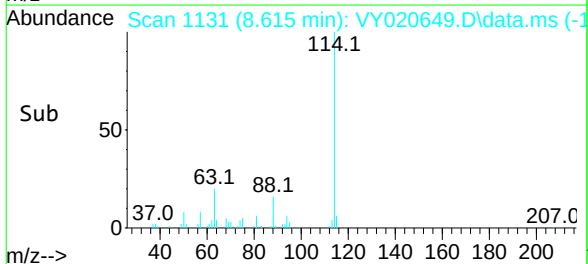
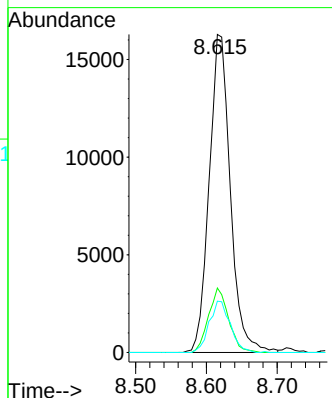
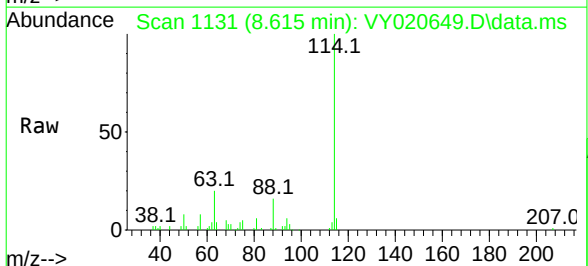




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020649.D
 Acq: 19 Dec 2024 12:52

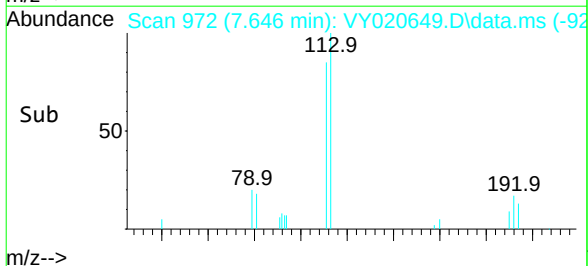
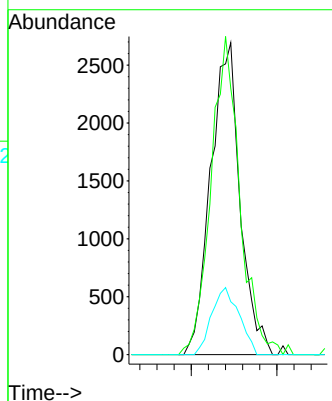
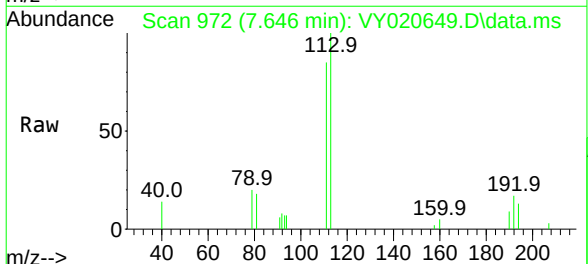
Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-VNJ-222RE

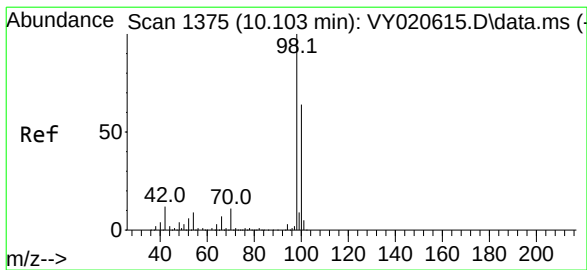
Tgt Ion:	114	Resp:	33804
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.0
88	16.1	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 27.027 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.012 min
 Lab File: VY020649.D
 Acq: 19 Dec 2024 12:52

Tgt Ion:	113	Resp:	6439
Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.9	124.3
192	20.0	15.7	23.5





#50

Toluene-d8

Concen: 61.211 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY020649.D

Acq: 19 Dec 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

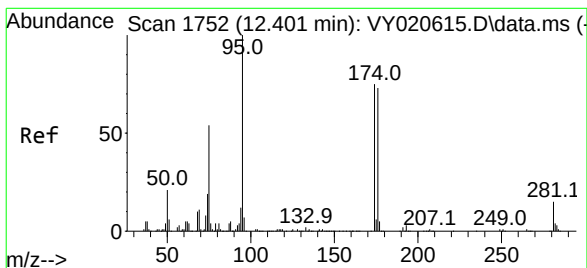
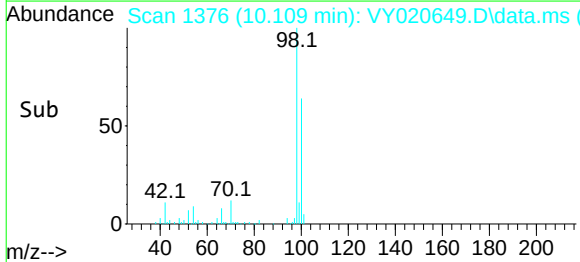
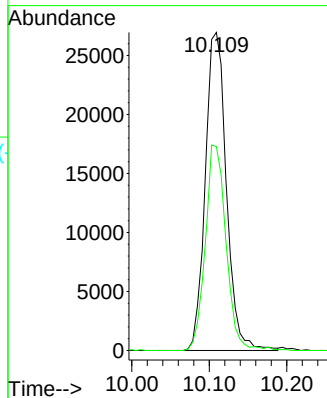
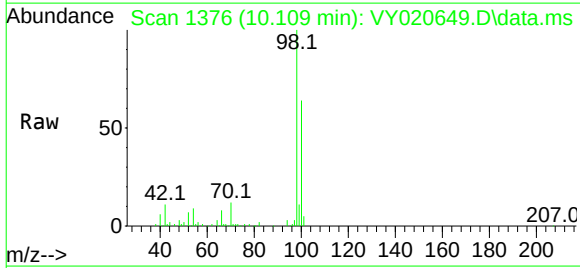
CONCRETE-VNJ-222RE

Tgt Ion: 98 Resp: 51043

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 31.788 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020649.D

Acq: 19 Dec 2024 12:52

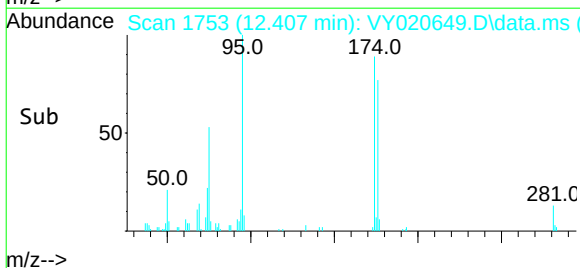
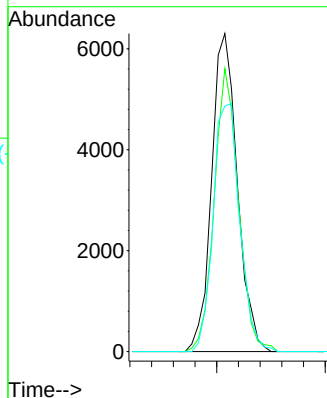
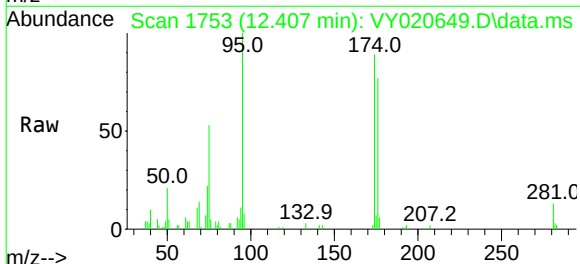
Tgt Ion: 95 Resp: 10369

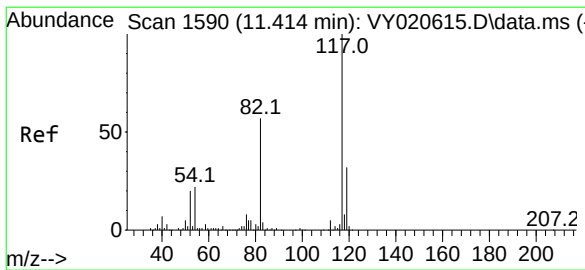
Ion Ratio Lower Upper

95 100

174 83.6 0.0 161.8

176 80.8 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020649.D

Acq: 19 Dec 2024 12:52

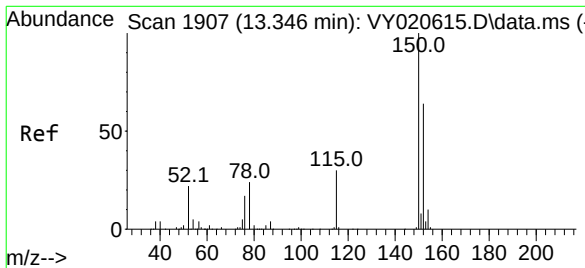
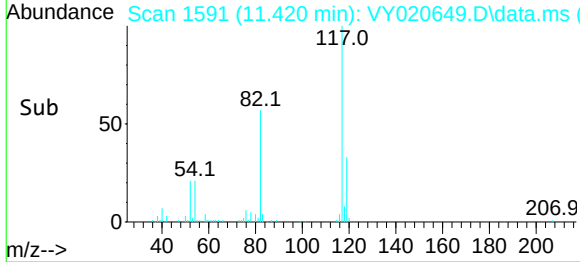
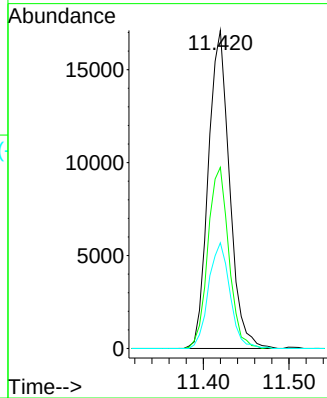
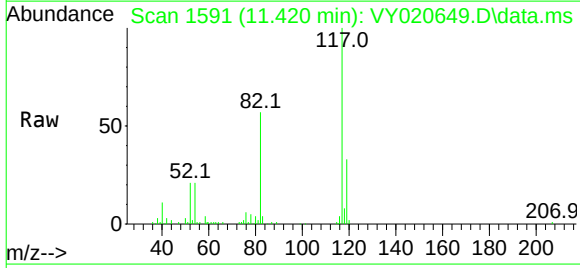
Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-VNJ-222RE

Tgt Ion:	117	Resp:	29436
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.8	68.6
119	33.2	25.3	37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

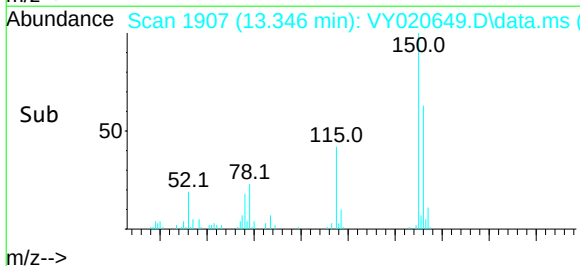
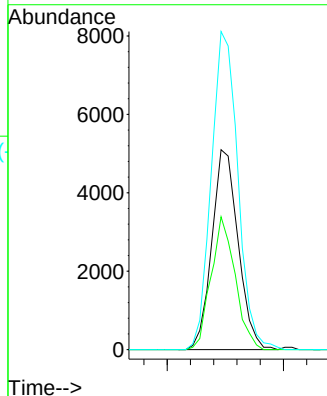
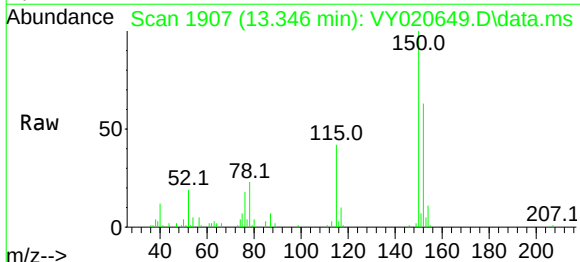
RT: 13.346 min Scan# 1907

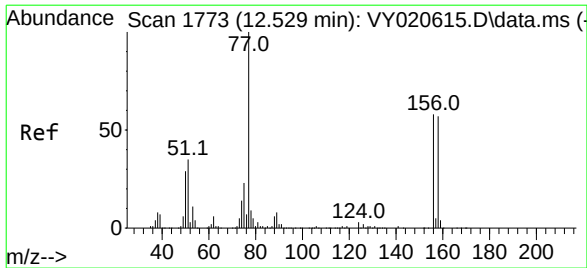
Delta R.T. 0.000 min

Lab File: VY020649.D

Acq: 19 Dec 2024 12:52

Tgt Ion:	152	Resp:	8000
Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.2	90.6
150	161.3	0.0	355.4





#77

Bromobenzene

Concen: 1.170 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY020649.D

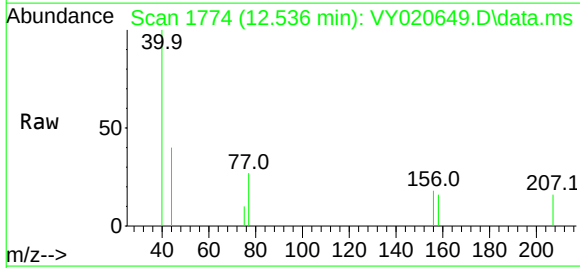
Acq: 19 Dec 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-VNJ-222RE



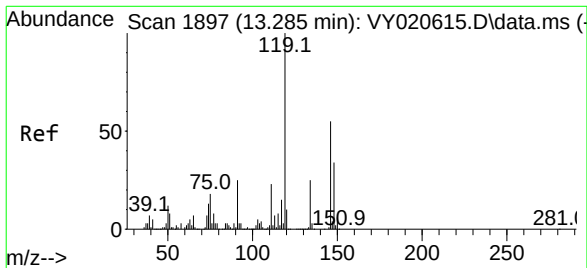
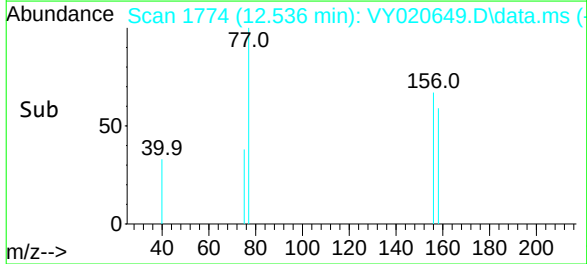
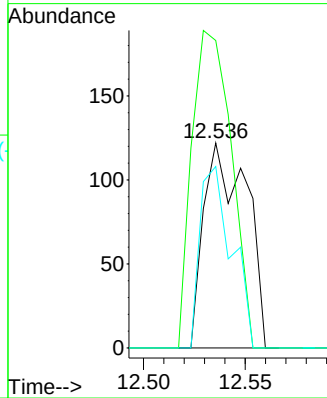
Tgt Ion:156 Resp: 178

Ion Ratio Lower Upper

156 100

77 143.3 94.2 282.4

158 65.7 48.9 146.6



#87

1,3-Dichlorobenzene

Concen: 1.256 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020649.D

Acq: 19 Dec 2024 12:52

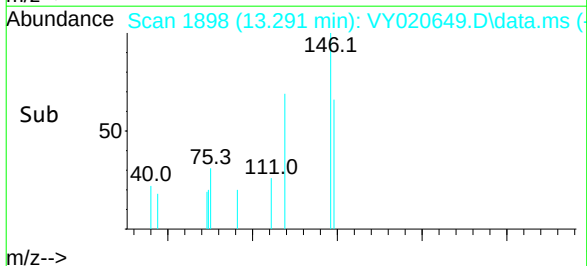
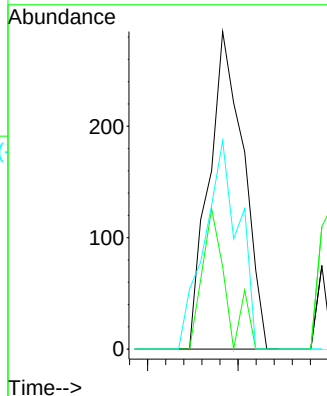
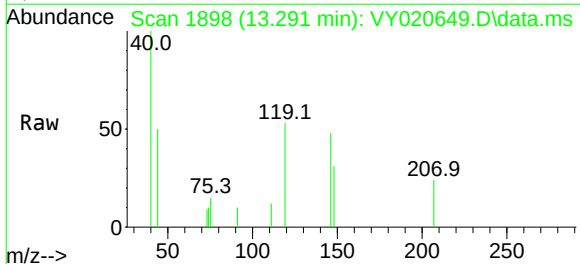
Tgt Ion:146 Resp: 377

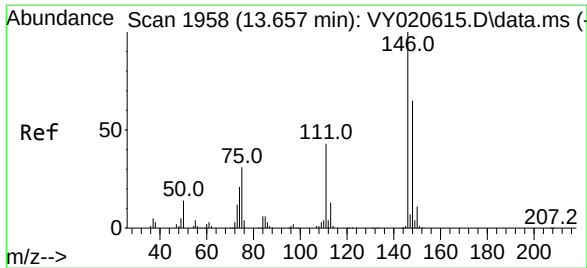
Ion Ratio Lower Upper

146 100

111 30.5 20.6 61.8

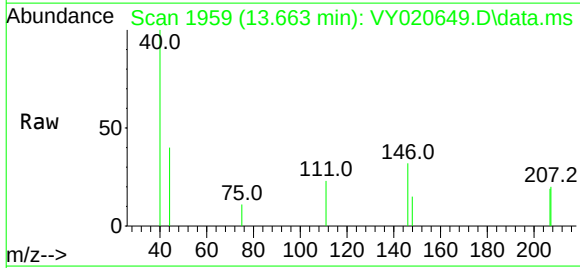
148 65.3 31.4 94.0





#91
 1,2-Dichlorobenzene
 Concen: 1.469 ug/l
 RT: 13.663 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY020649.D
 Acq: 19 Dec 2024 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-VNJ-222RE



Tgt Ion:	146	Resp:	382
Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.3	63.7
148	49.0	32.0	96.0

