

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020124.D
 Acq On : 01 Nov 2024 17:07
 Operator : SY/MD
 Sample : P4663-07
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RES-BUILDING-PAD-NO-2

Quant Time: Nov 04 00:50:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	168827	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	353605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	335031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126365	59.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.940%
35) Dibromofluoromethane	7.634	113	119345	53.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.160%
50) Toluene-d8	10.103	98	446124	49.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.401	95	141456	48.665	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.340%

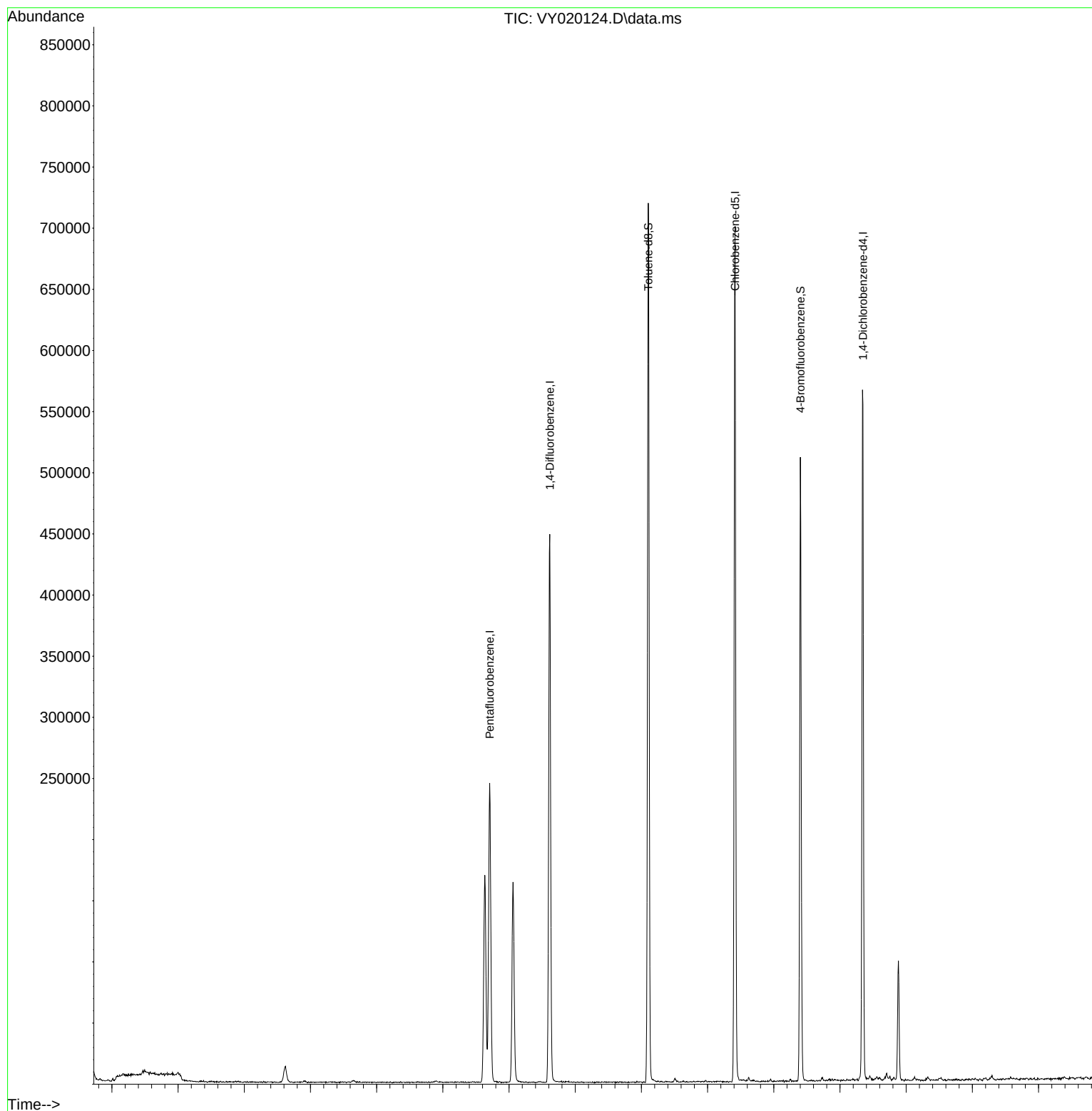
Target Compounds Qvalue

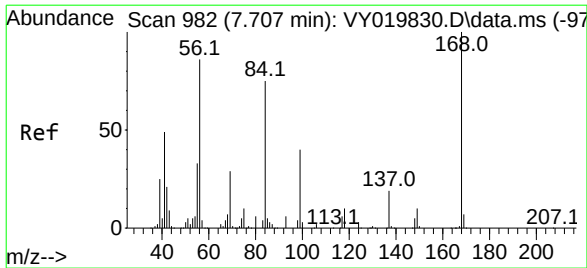
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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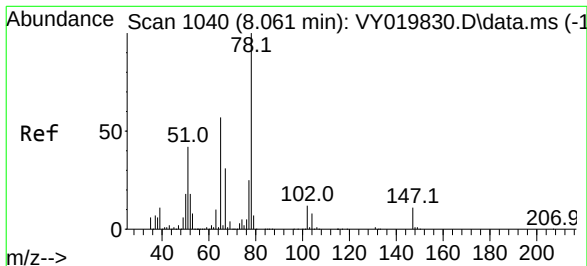
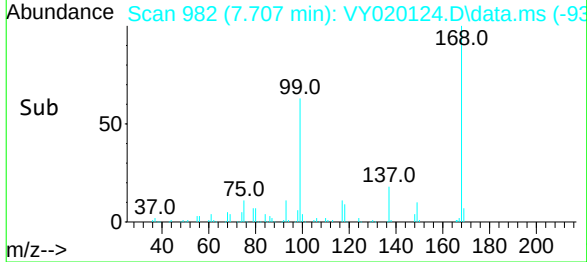
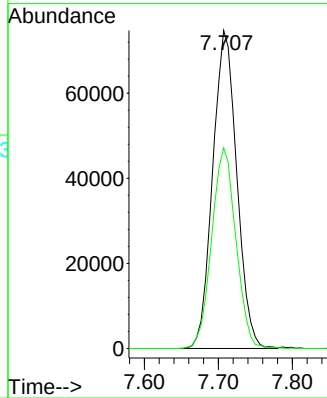
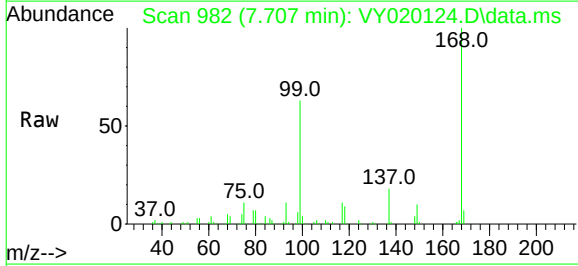




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

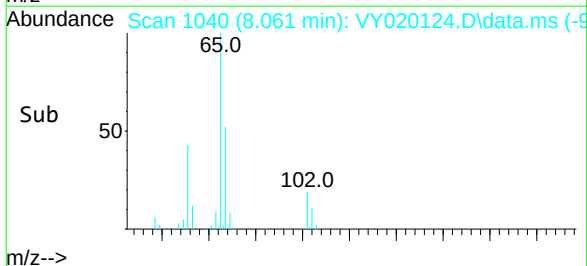
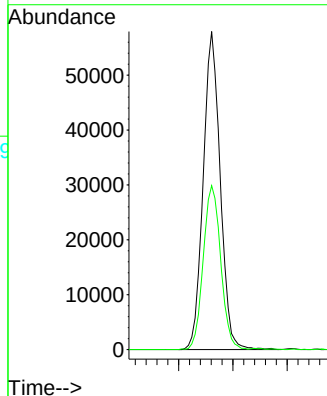
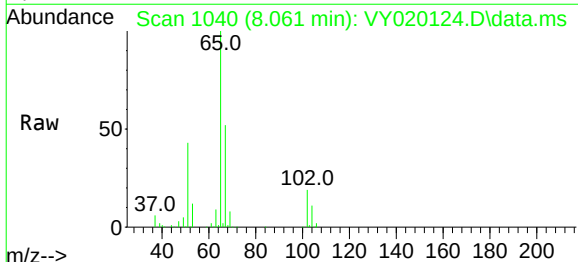
Instrument :
MSVOA_Y
ClientSampleId :
RES-BUILDING-PAD-NO-2

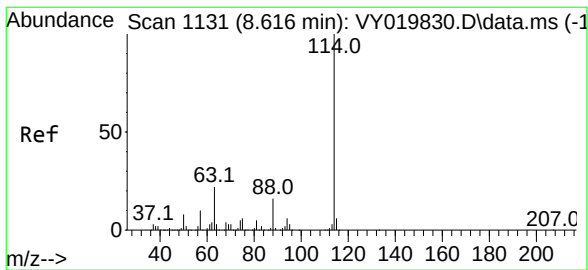
Tgt Ion:168 Resp: 168827
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.972 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

Tgt Ion: 65 Resp: 126365
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

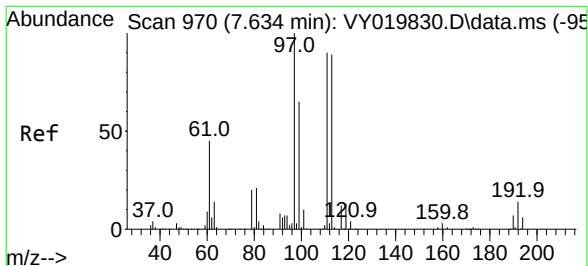
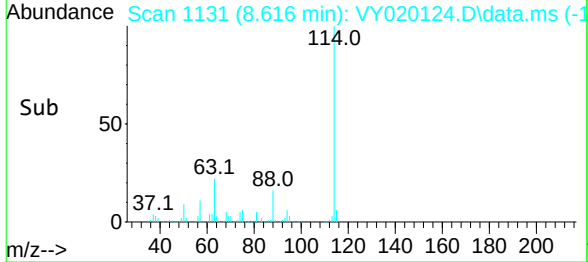
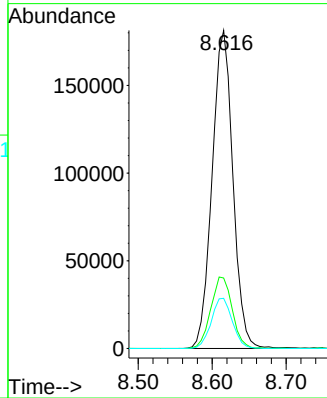
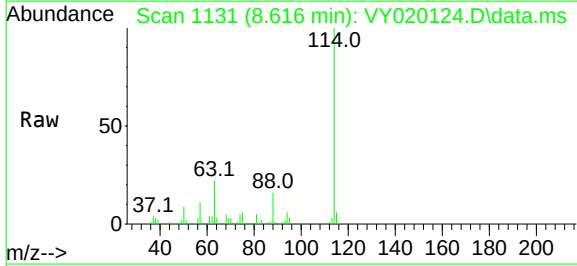




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

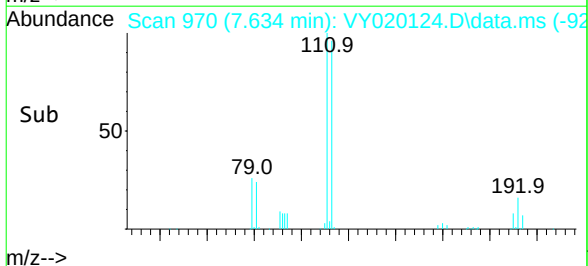
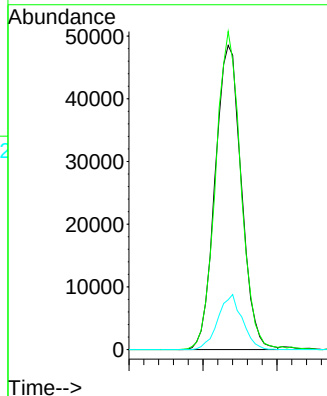
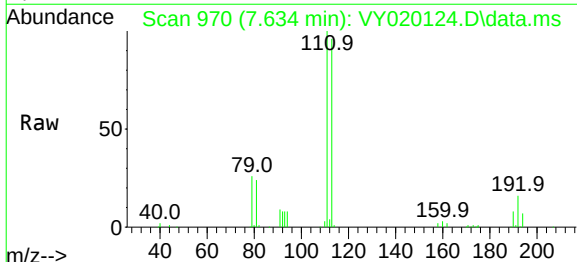
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RES-BUILDING-PAD-NO-2

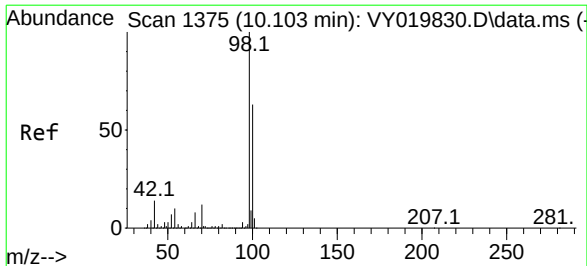
Tgt Ion:	114	Resp:	353605
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	35.0
88	15.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 53.085 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

Tgt Ion:	113	Resp:	119345
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 49.852 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

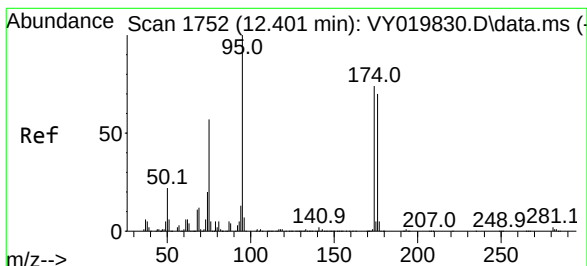
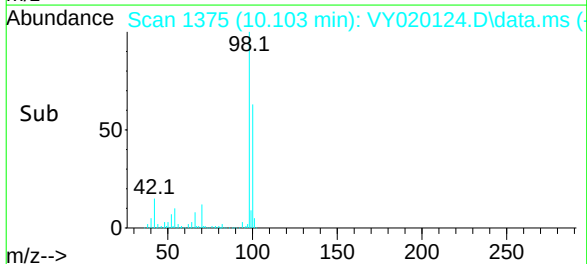
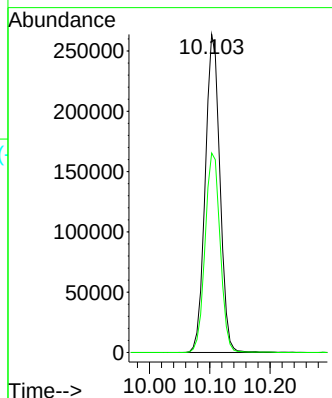
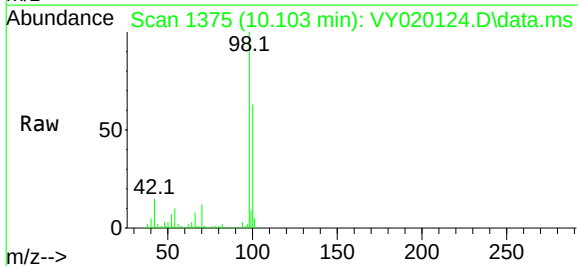
RES-BUILDING-PAD-NO-2

Tgt Ion: 98 Resp: 446124

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.665 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

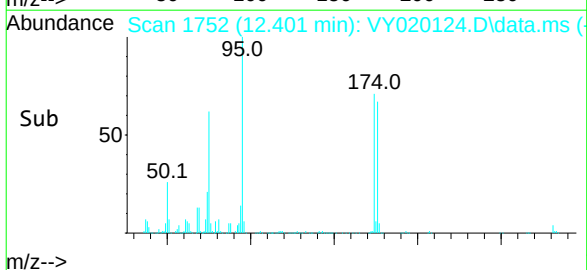
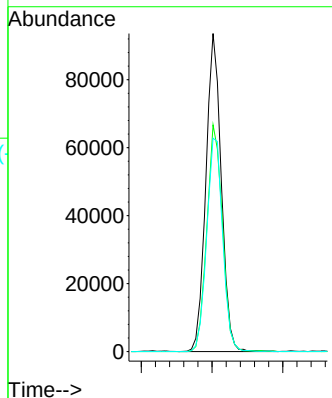
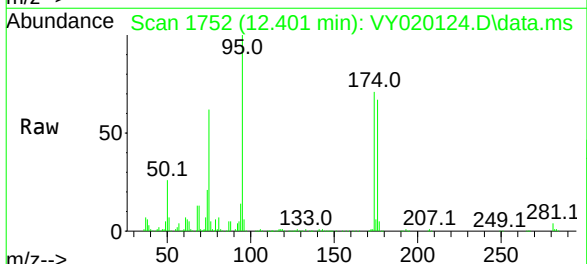
Tgt Ion: 95 Resp: 141456

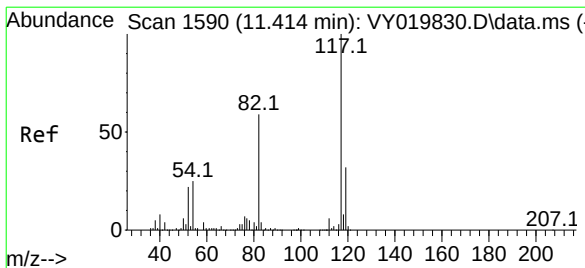
Ion Ratio Lower Upper

95 100

174 72.3 0.0 175.6

176 69.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

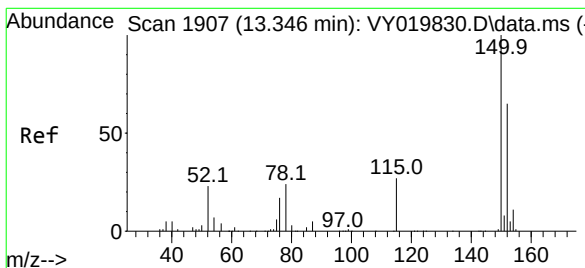
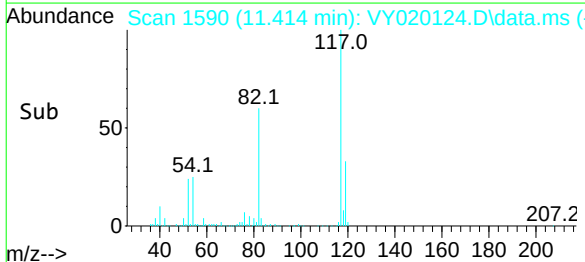
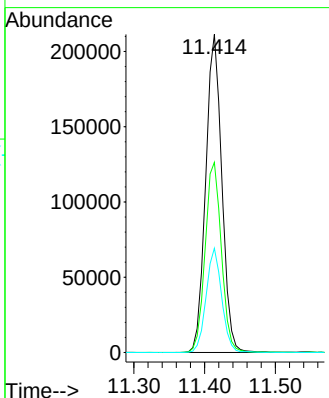
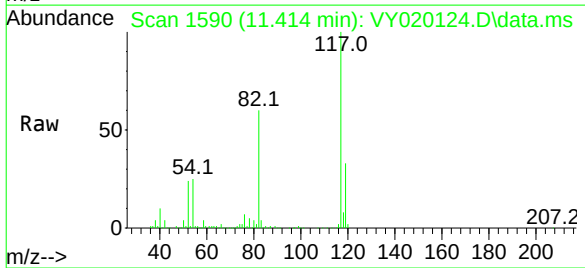
Instrument :

MSVOA_Y

ClientSampleId :

RES-BUILDING-PAD-NO-2

Tgt Ion:	117	Resp:	335031
Ion	Ratio	Lower	Upper
117	100		
82	59.8	42.4	63.6
119	32.8	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

Tgt Ion:	152	Resp:	125105
Ion	Ratio	Lower	Upper
152	100		
115	62.1	28.2	84.7
150	159.4	0.0	345.6

