

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020130.D
 Acq On : 01 Nov 2024 19:27
 Operator : SY/MD
 Sample : P4663-05
 Misc : 7.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RES-BUILDING-PAD-NO-3

Quant Time: Nov 04 00:52:28 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)

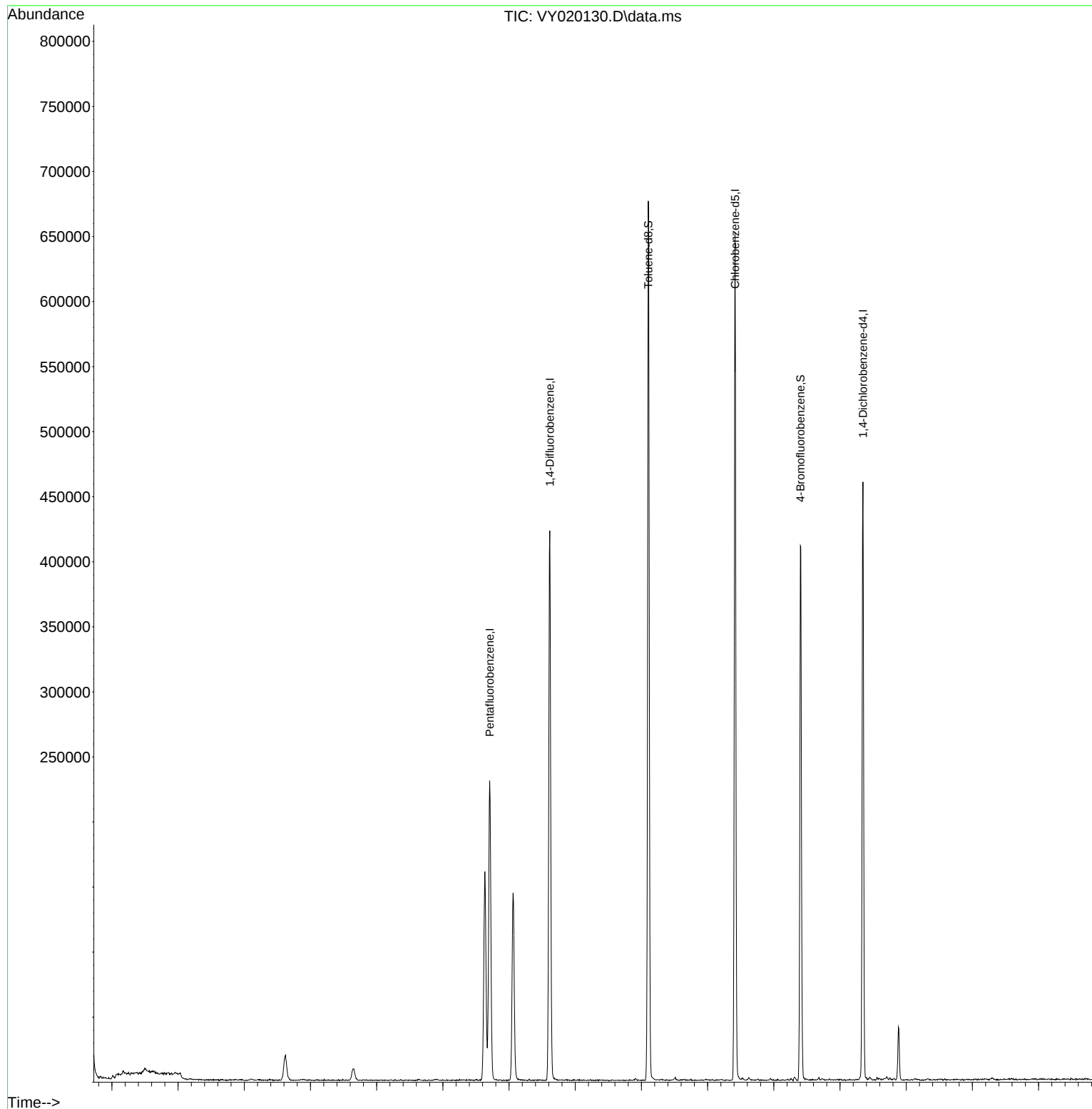
Internal Standards						
1) Pentafluorobenzene	7.707	168	159663	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	335103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	302177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	103950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113327	56.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.740%			
35) Dibromofluoromethane	7.634	113	109596	51.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.880%			
50) Toluene-d8	10.103	98	421703	49.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.401	95	121935	44.265	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 88.540%			
Target Compounds						
20) Methylene Chloride	4.616	84	13159	6.321	ug/l	Qvalue # 73

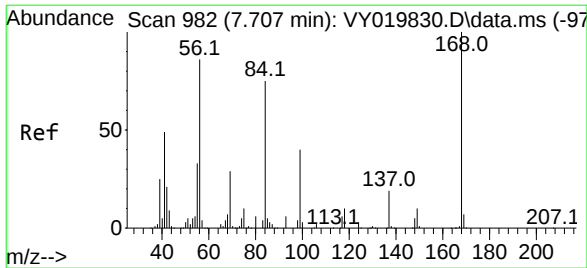
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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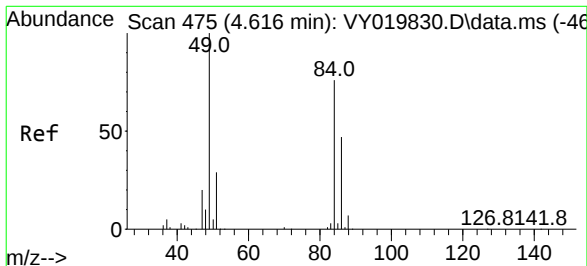
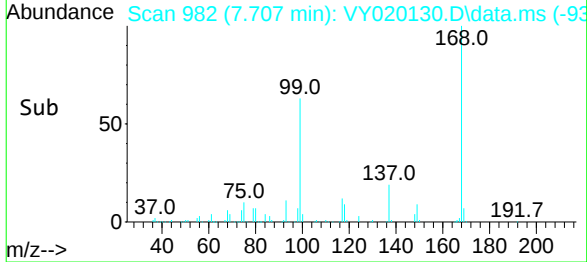
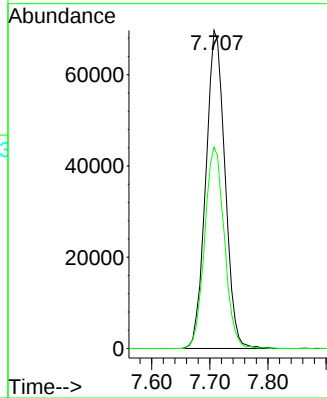
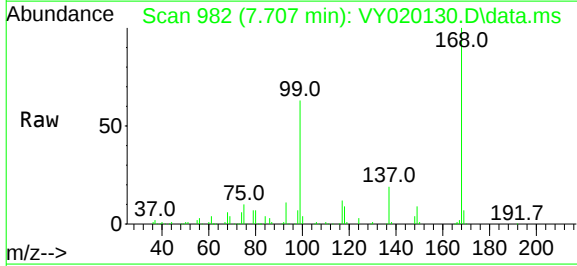




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

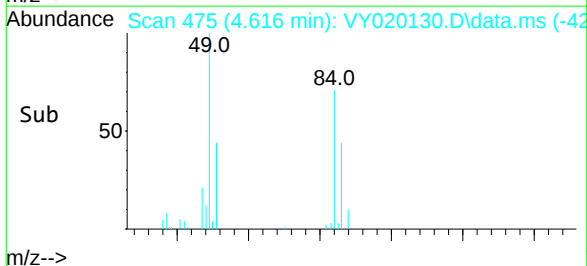
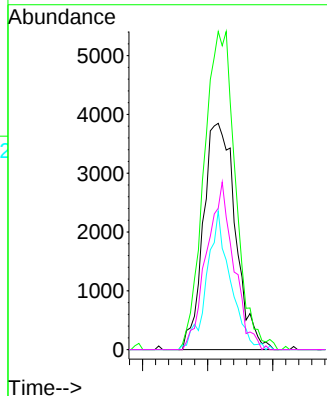
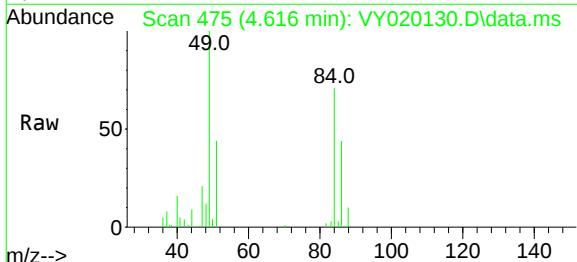
Instrument :
MSVOA_Y
ClientSampleId :
RES-BUILDING-PAD-NO-3

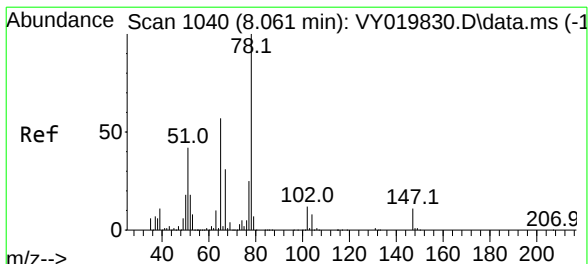
Tgt Ion:168 Resp: 159663
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#20
Methylene Chloride
Concen: 6.321 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

Tgt Ion: 84 Resp: 13159
Ion Ratio Lower Upper
84 100
49 140.6 84.4 126.6#
51 61.3 26.0 39.0#
86 62.5 49.5 74.3

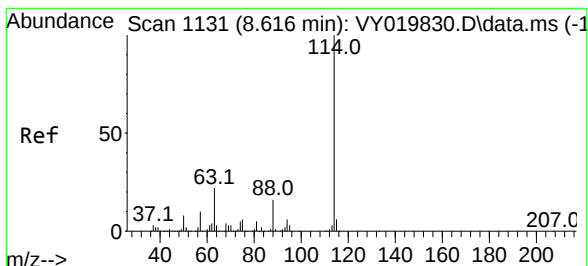
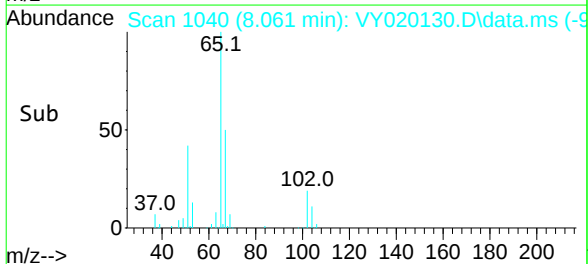
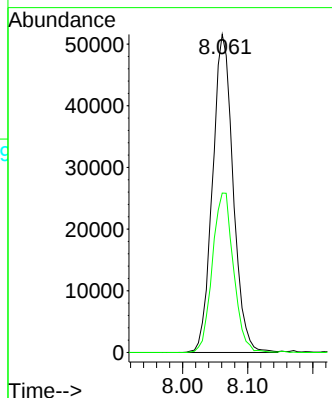
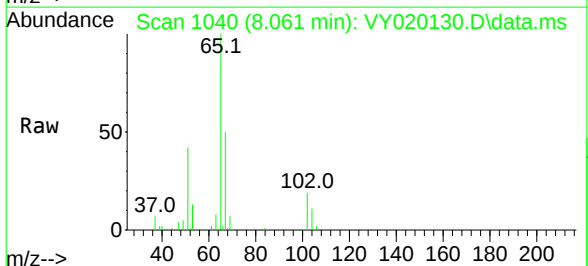




#33
 1,2-Dichloroethane-d4
 Concen: 56.871 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020130.D
 Acq: 01 Nov 2024 19:27

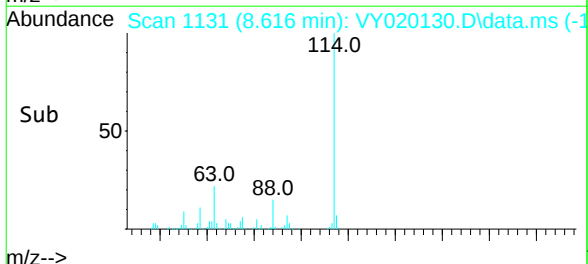
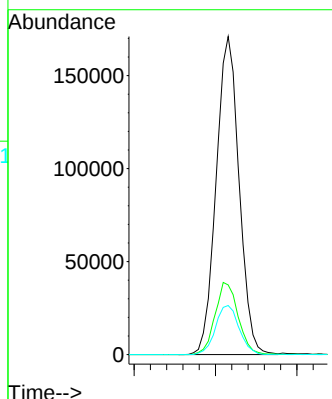
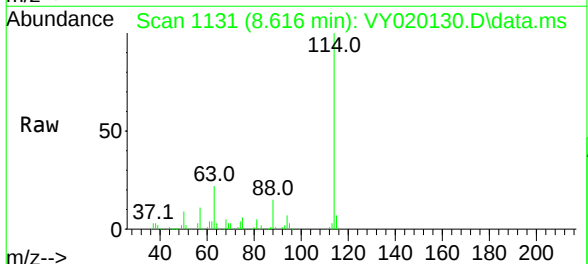
Instrument :
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 ClientSampleId :
 RES-BUILDING-PAD-NO-3

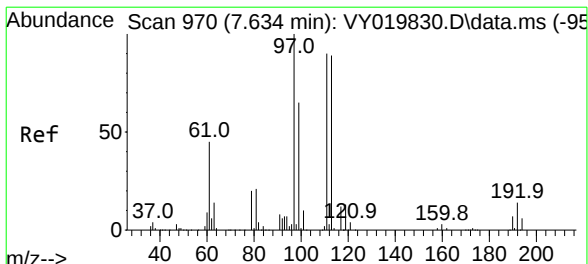
Tgt Ion: 65 Resp: 113327
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020130.D
 Acq: 01 Nov 2024 19:27

Tgt Ion: 114 Resp: 335103
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.0
 88 15.4 0.0 27.2

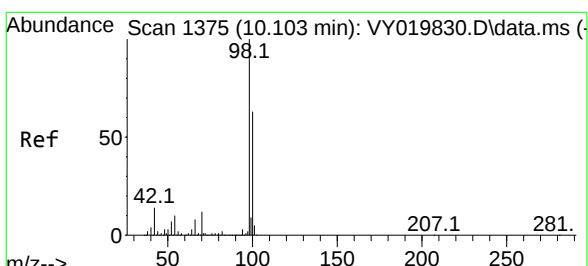
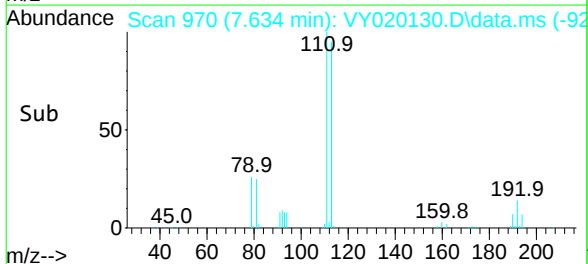
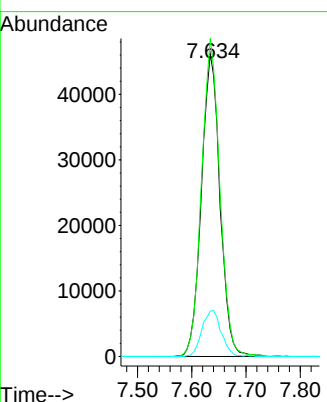
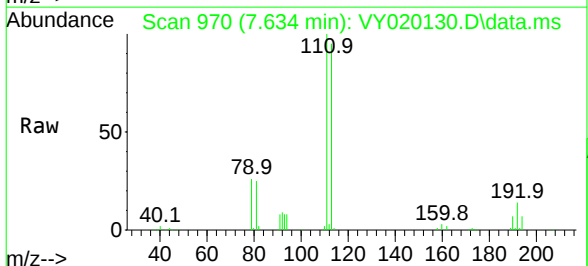




#35
 Dibromofluoromethane
 Concen: 51.440 ug/l
 RT: 7.634 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VY020130.D
 Acq: 01 Nov 2024 19:27

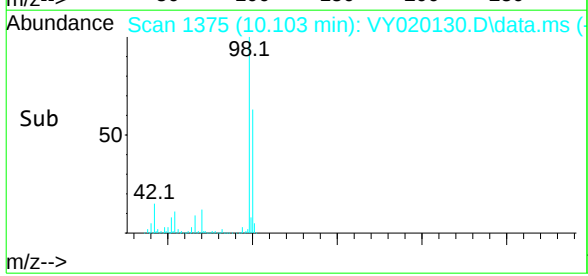
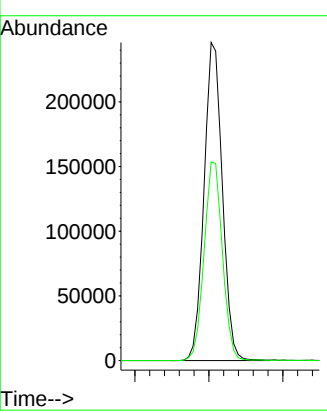
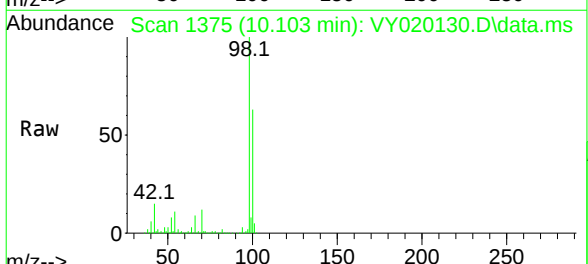
Instrument :
 MSVOA_Y
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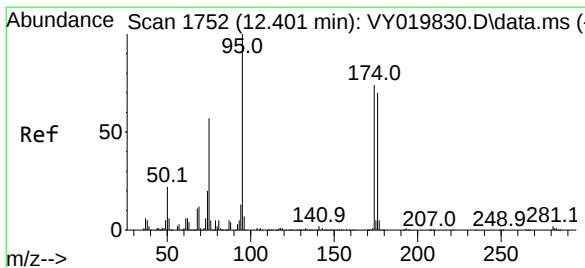
Tgt Ion:	113	Resp:	109596
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.2	123.4
192	15.8	15.9	23.9#



#50
 Toluene-d8
 Concen: 49.725 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY020130.D
 Acq: 01 Nov 2024 19:27

Tgt Ion:	98	Resp:	421703
Ion Ratio	Lower	Upper	
98	100		
100	62.7	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 44.265 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020130.D

Acq: 01 Nov 2024 19:27

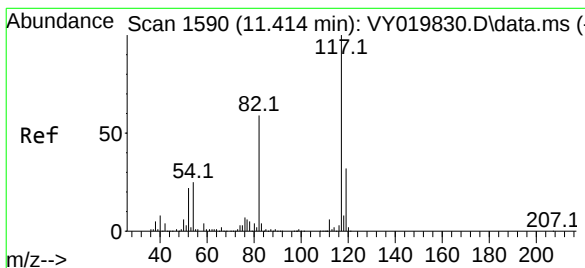
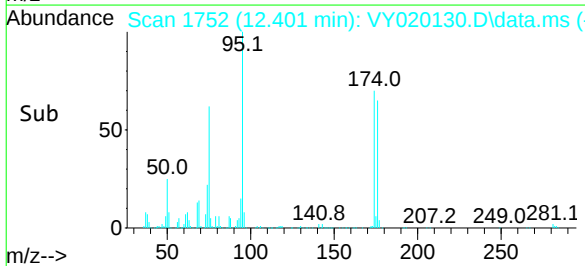
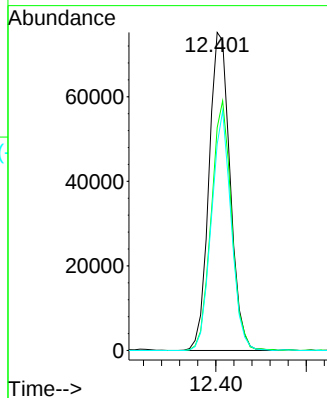
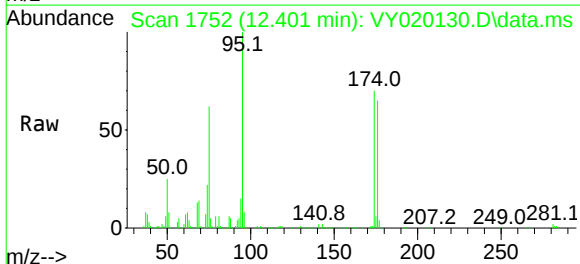
Instrument :

MSVOA_Y

ClientSampleId :

RES-BUILDING-PAD-NO-3

Tgt Ion:	95	Resp:	121935
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	175.6
176	70.4	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

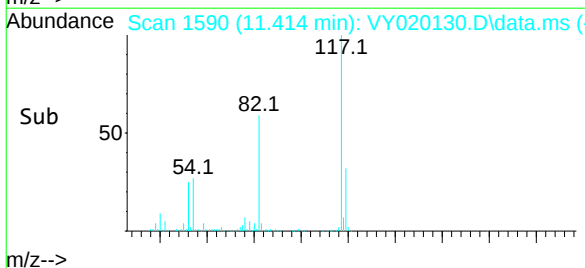
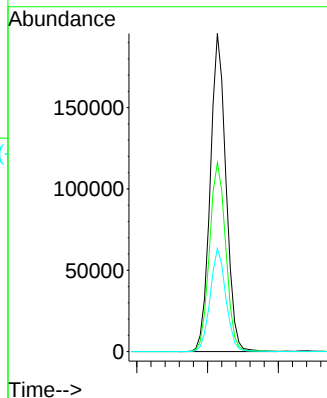
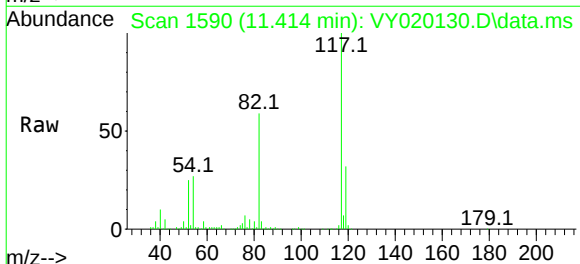
RT: 11.414 min Scan# 1590

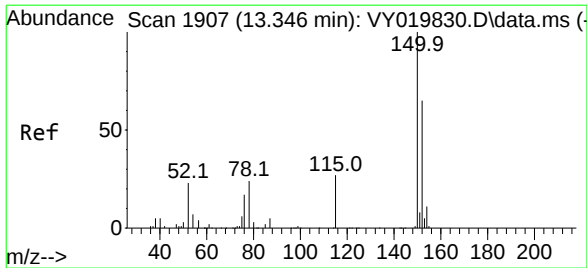
Delta R.T. -0.006 min

Lab File: VY020130.D

Acq: 01 Nov 2024 19:27

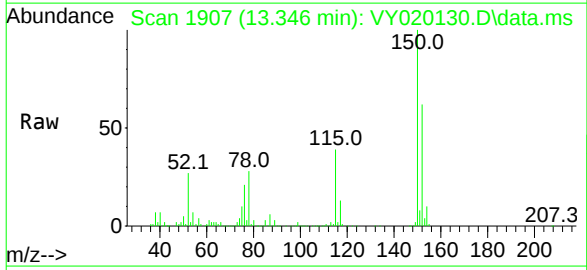
Tgt Ion:	117	Resp:	302177
Ion	Ratio	Lower	Upper
117	100		
82	59.4	42.4	63.6
119	32.4	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020130.D
 Acq: 01 Nov 2024 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 RES-BUILDING-PAD-NO-3



Tgt Ion:	152	Resp:	103950
Ion Ratio	Lower	Upper	
152	100		
115	62.4	28.2	84.7
150	157.8	0.0	345.6

