

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020128.D
 Acq On : 01 Nov 2024 18:41
 Operator : SY/MD
 Sample : P4663-01
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TENNANT-PAD-2-3-STOCKPILE

Quant Time: Nov 04 00:51:46 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	159567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	338625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121934	61.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.460%
35) Dibromofluoromethane	7.634	113	115825	53.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.103	98	421310	49.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.402	95	132684	47.667	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.340%

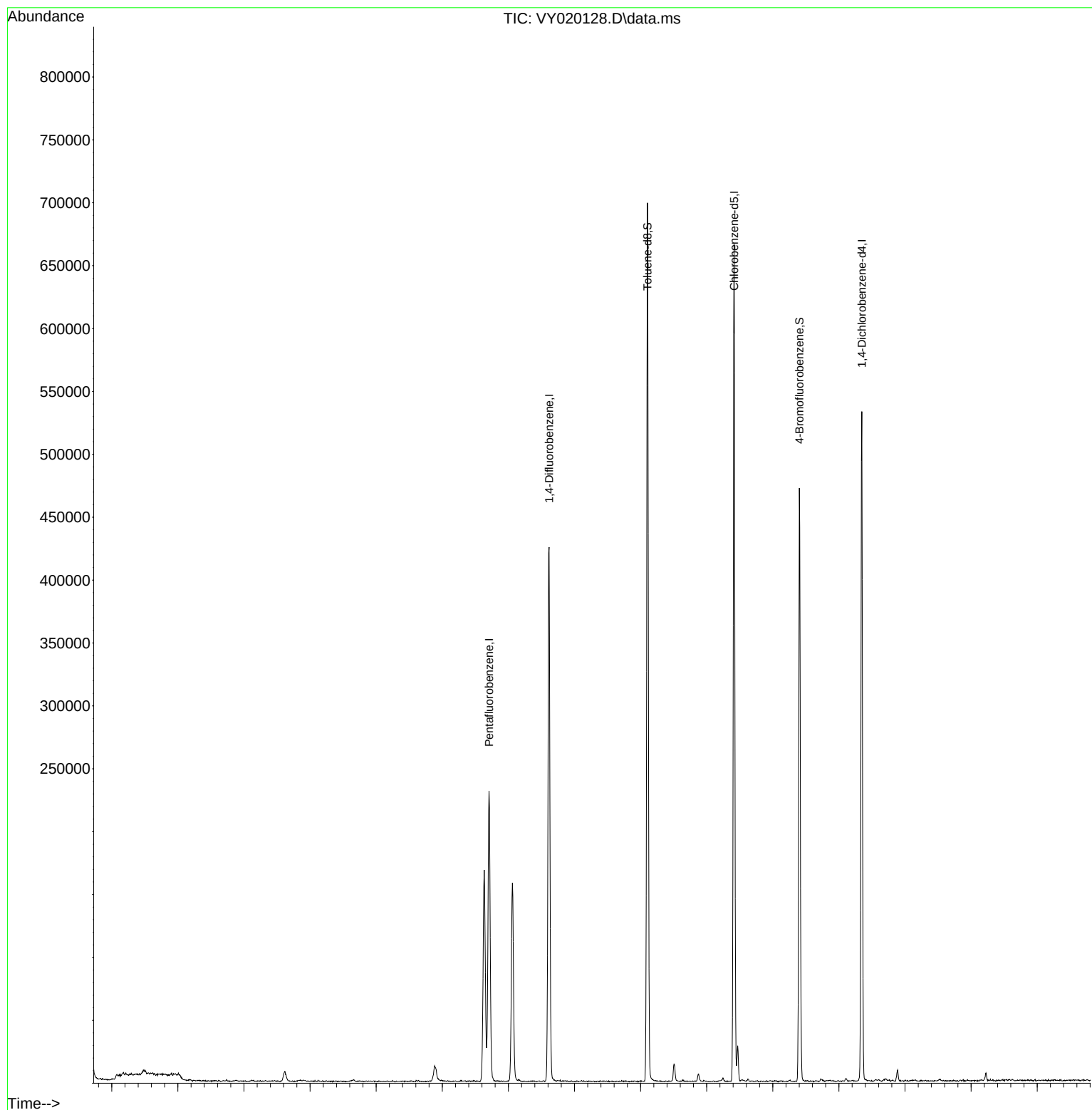
Target Compounds Qvalue

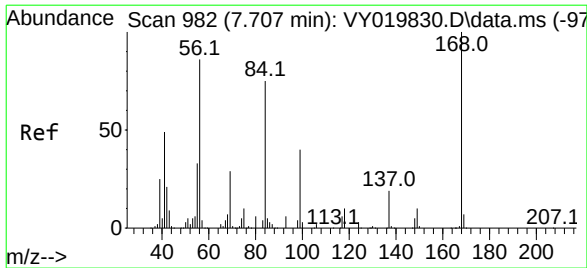
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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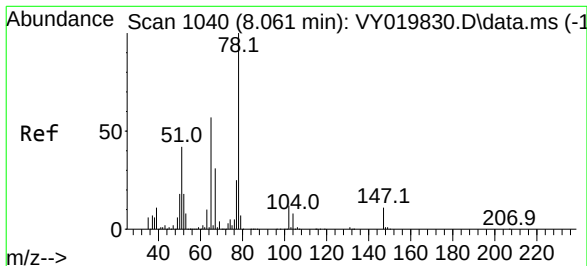
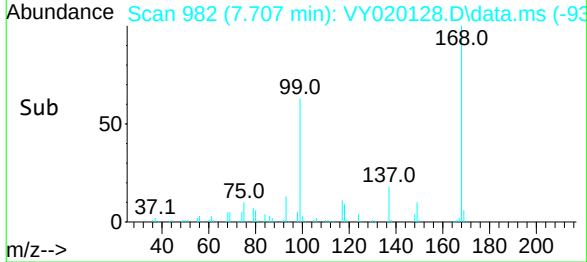
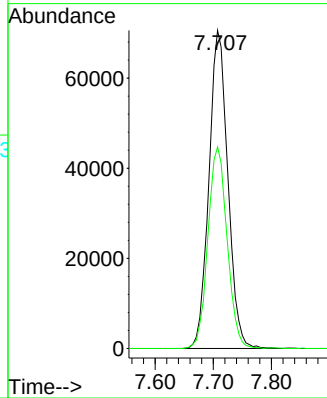
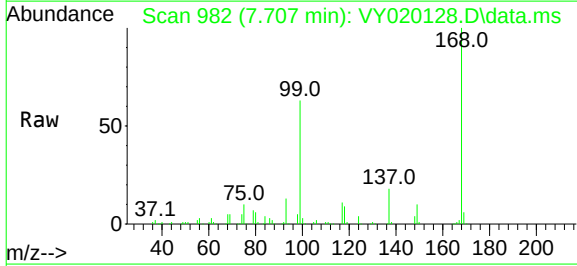




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

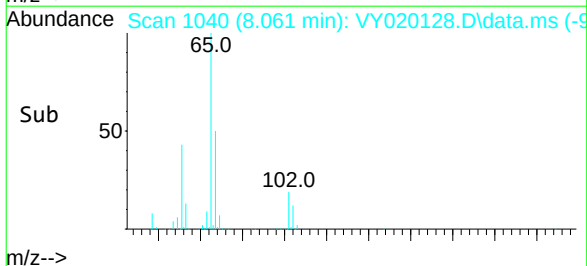
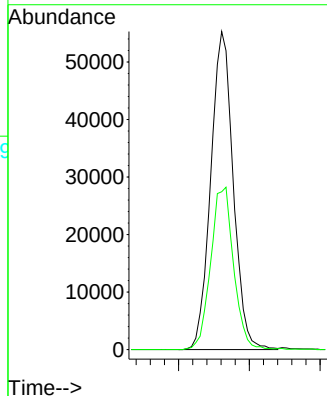
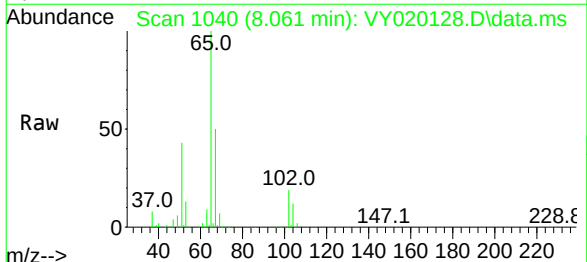
Instrument :
MSVOA_Y
ClientSampleId :
TENNANT-PAD-2-3-STOCKPILE

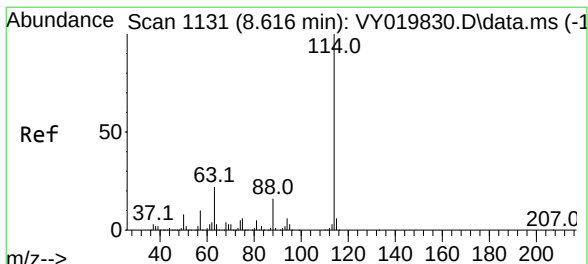
Tgt Ion:168 Resp: 159567
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.227 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020128.D
Acq: 01 Nov 2024 18:41

Tgt Ion: 65 Resp: 121934
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

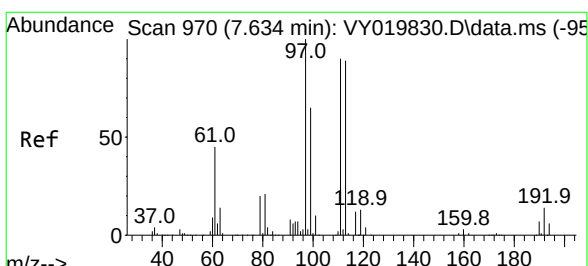
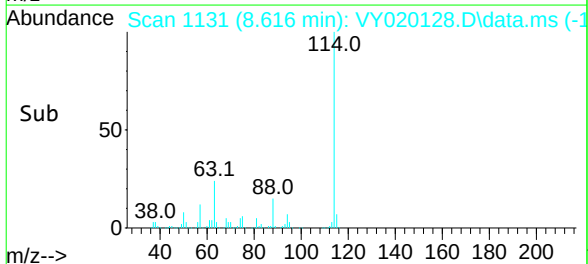
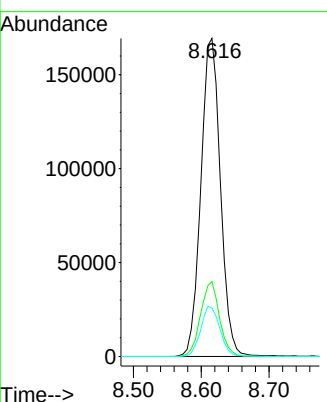
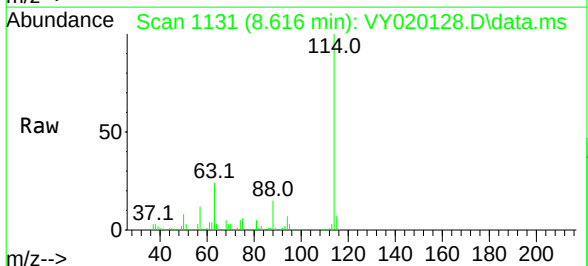




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020128.D
 Acq: 01 Nov 2024 18:41

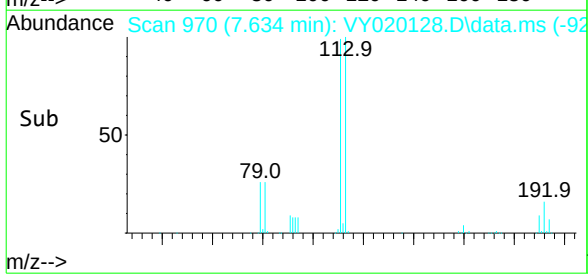
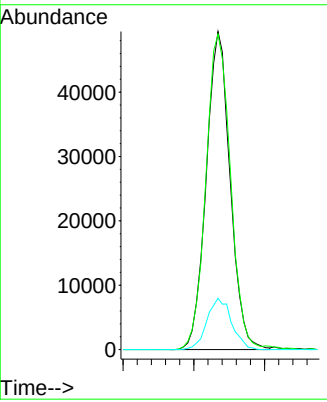
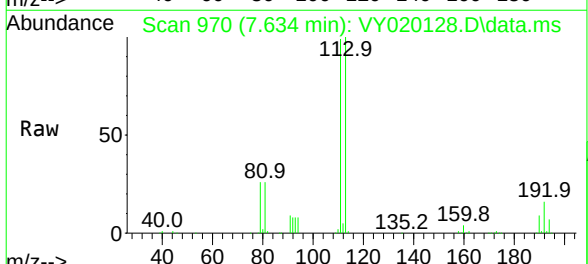
Instrument : MSVOA_Y
 ClientSampleId : TENNANT-PAD-2-3-STOCKPILE

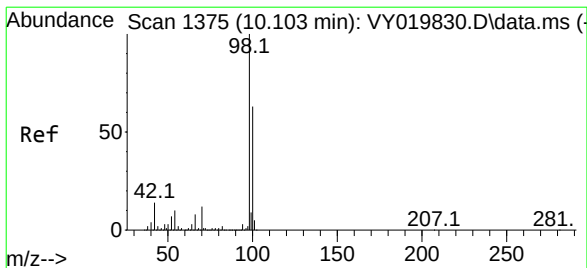
Tgt Ion:	114	Resp:	338625
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	35.0
88	15.2	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.798 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020128.D
 Acq: 01 Nov 2024 18:41

Tgt Ion:	113	Resp:	115825
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	16.6	15.9	23.9





#50

Toluene-d8

Concen: 49.162 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

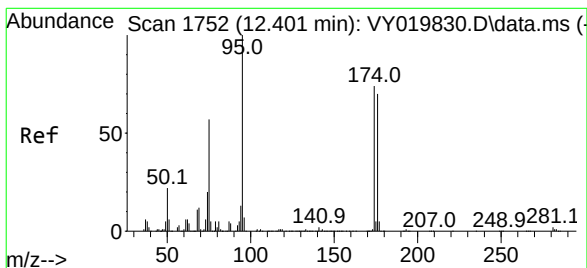
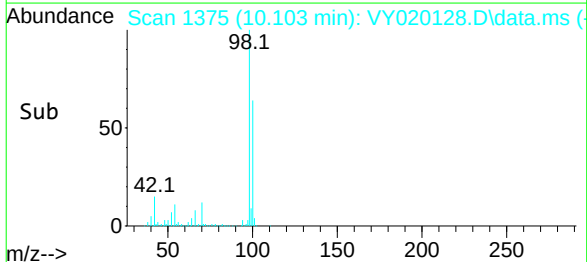
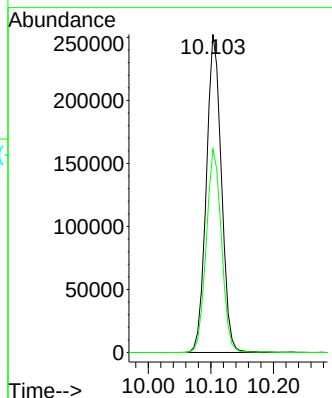
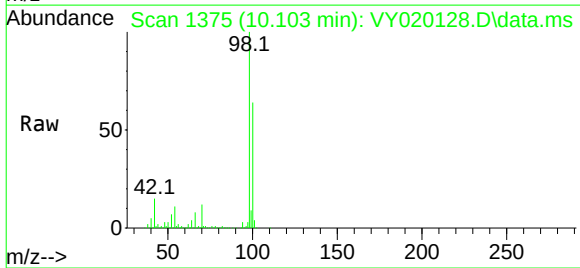
TENNANT-PAD-2-3-STOCKPILE

Tgt Ion: 98 Resp: 421310

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.667 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

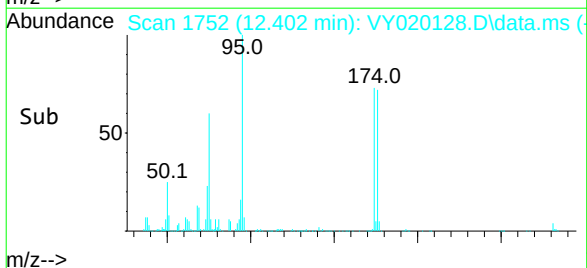
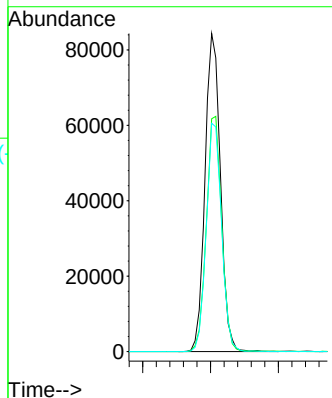
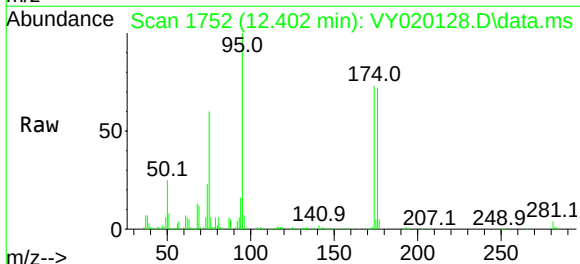
Tgt Ion: 95 Resp: 132684

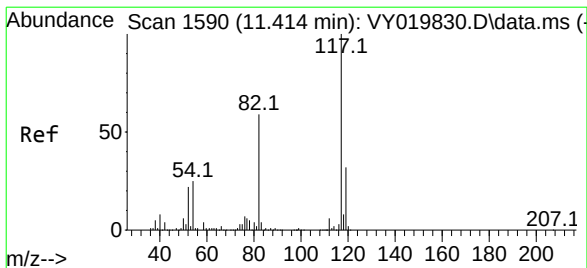
Ion Ratio Lower Upper

95 100

174 73.8 0.0 175.6

176 71.5 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: VY020128.D

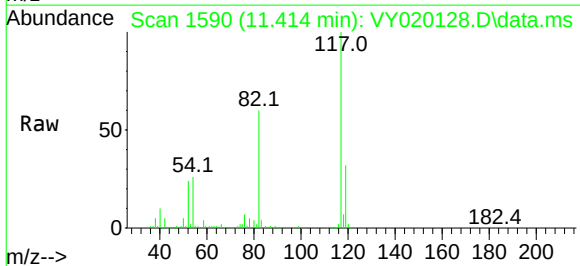
Acq: 01 Nov 2024 18:41

Instrument :

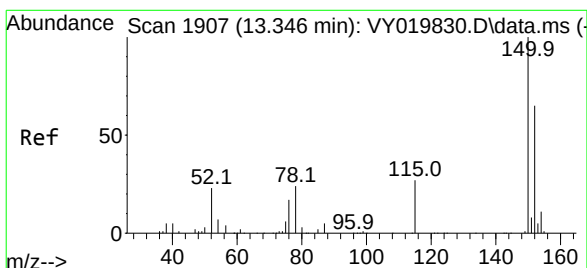
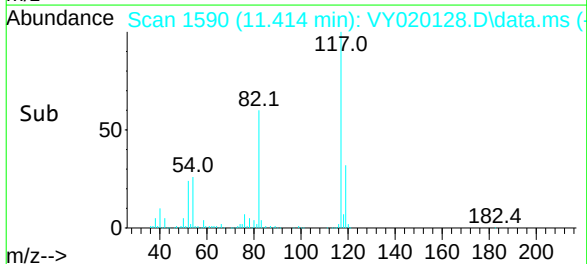
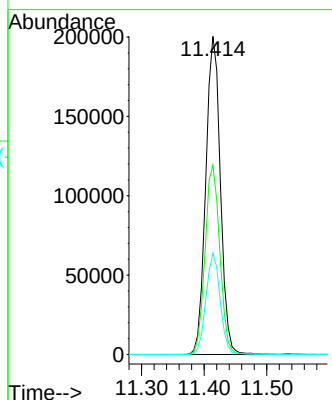
MSVOA_Y

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TENNANT-PAD-2-3-STOCKPILE



Tgt Ion:	117	Resp:	324781
Ion Ratio	Lower	Upper	
117	100		
82	59.5	42.4	63.6
119	31.8	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020128.D

Acq: 01 Nov 2024 18:41

Tgt Ion:	152	Resp:	118518
Ion Ratio	Lower	Upper	
152	100		
115	62.7	28.2	84.7
150	160.6	0.0	345.6

