

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020381.D
 Acq On : 21 Nov 2024 12:59
 Operator : SY/MD
 Sample : P4909-02
 Misc : 3.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-111824

Quant Time: Nov 21 13:57:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

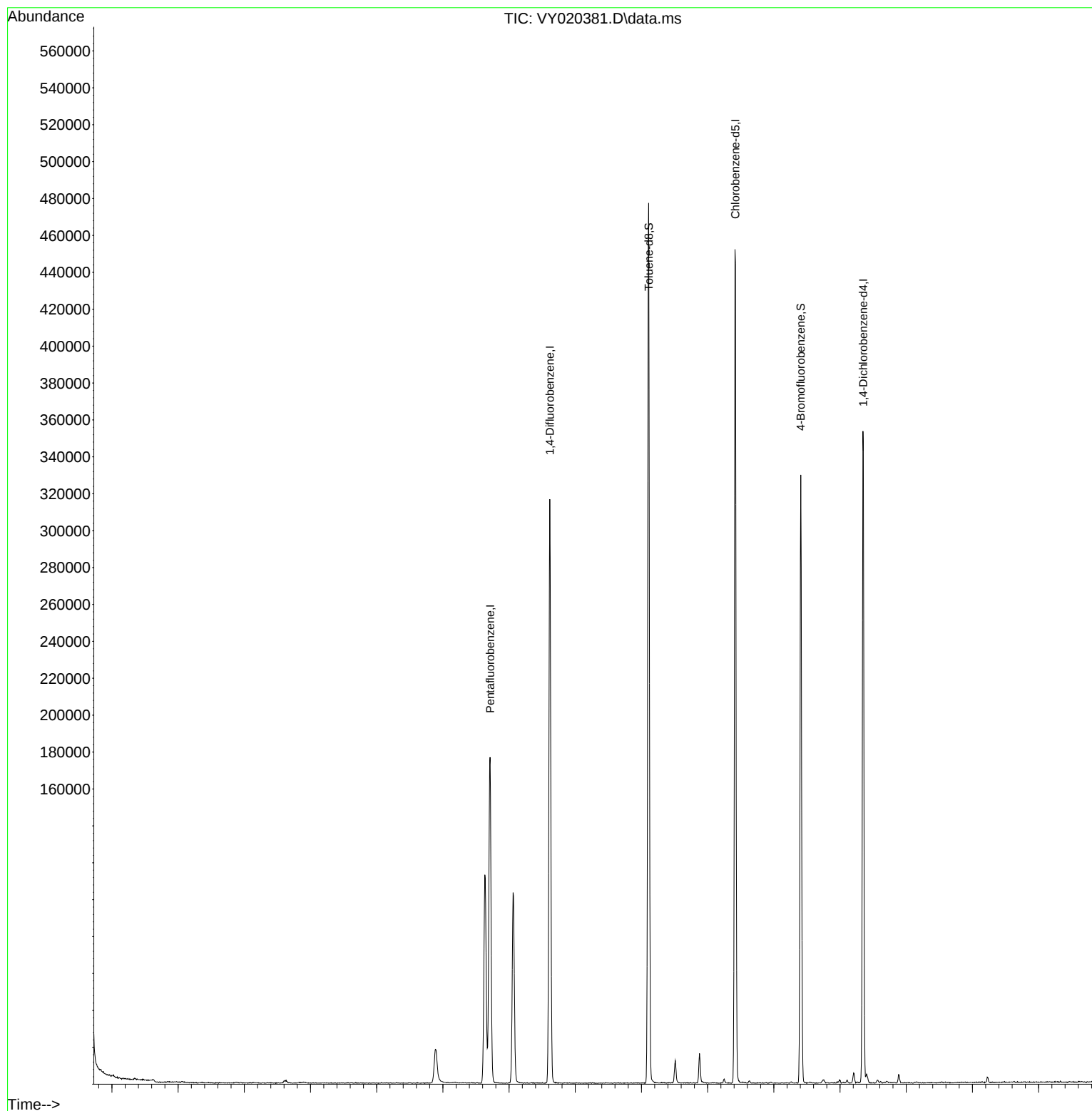
Internal Standards						
1) Pentafluorobenzene	7.713	168	130079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	250661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	231672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	85757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85575	57.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.520%
35) Dibromofluoromethane	7.634	113	80611	50.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.109	98	307263	48.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.407	95	99828	49.046	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.100%
Target Compounds						
16) Acetone	3.884	43	829	2.314	ug/l	Qvalue 92

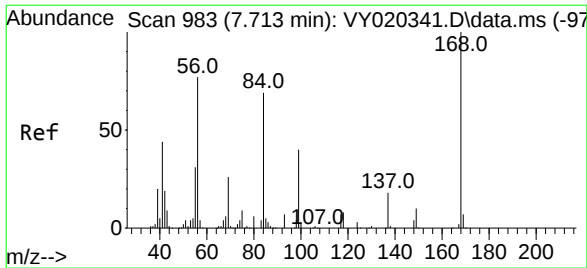
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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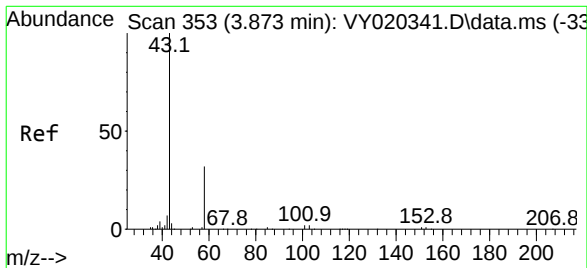
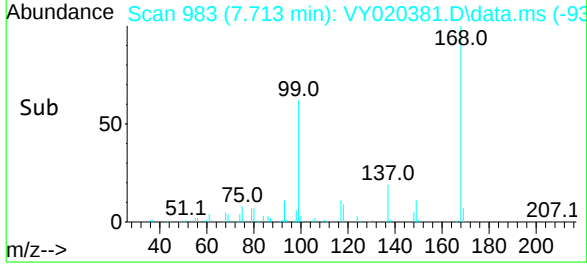
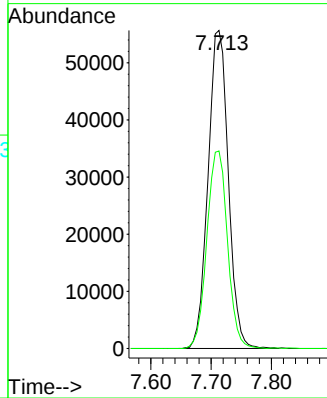
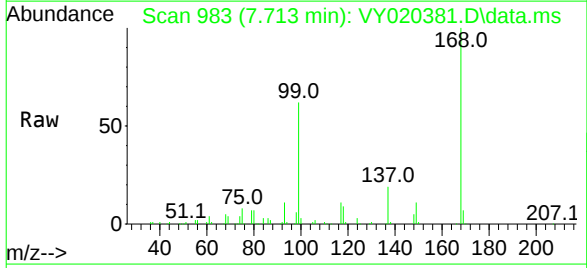




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

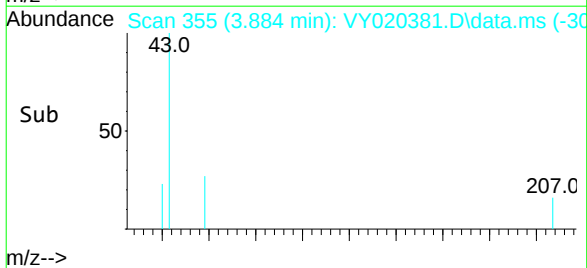
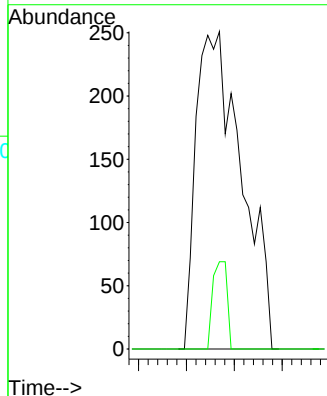
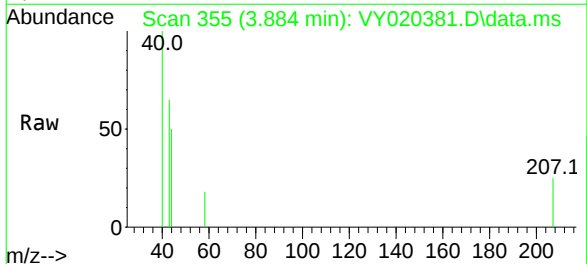
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-111824

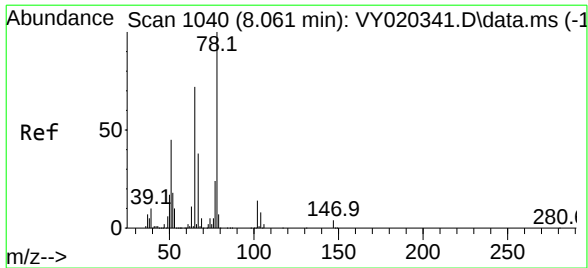
Tgt Ion:168 Resp: 130079
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#16
Acetone
Concen: 2.314 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 27.5 25.7 38.5

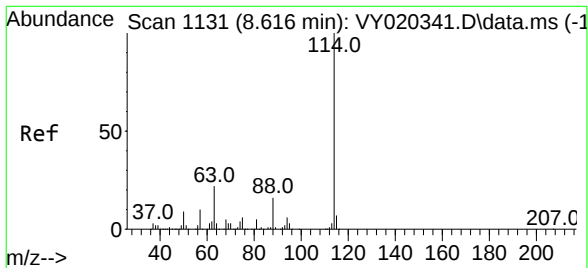
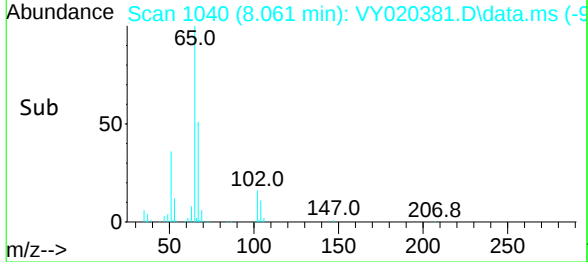
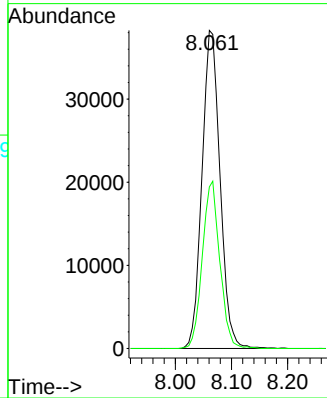
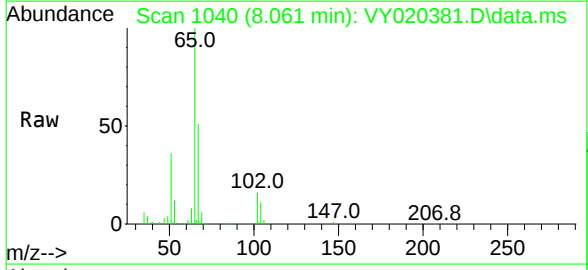




#33
1,2-Dichloroethane-d4
Concen: 57.262 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

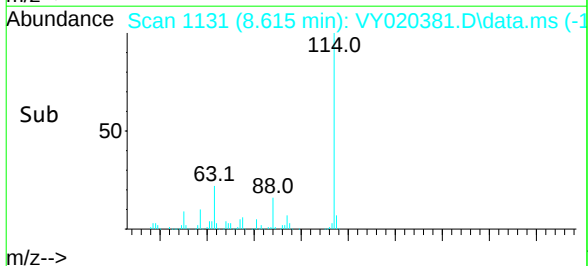
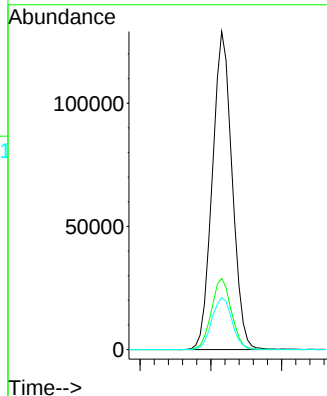
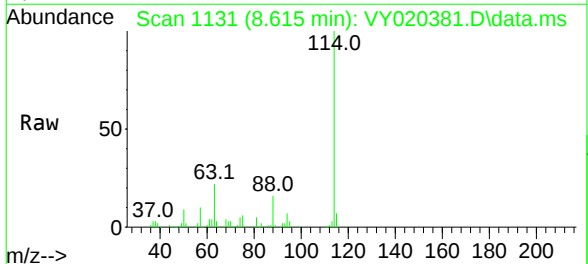
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-111824

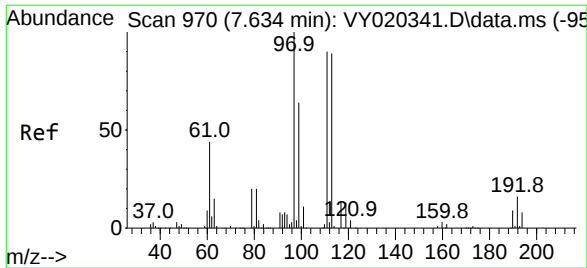
Tgt Ion: 65 Resp: 85575
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion: 114 Resp: 250661
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.8
88 16.4 0.0 32.0

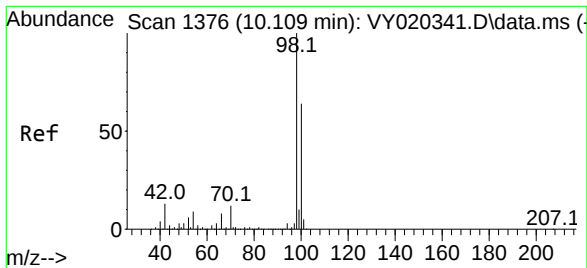
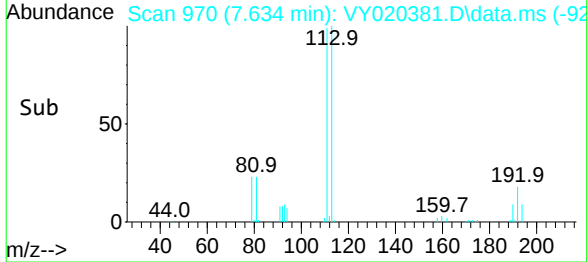
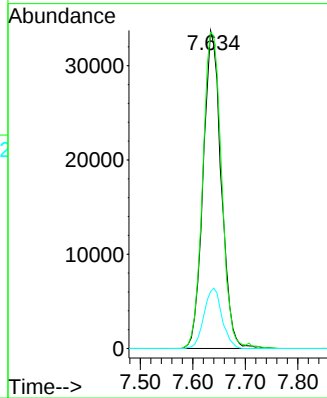
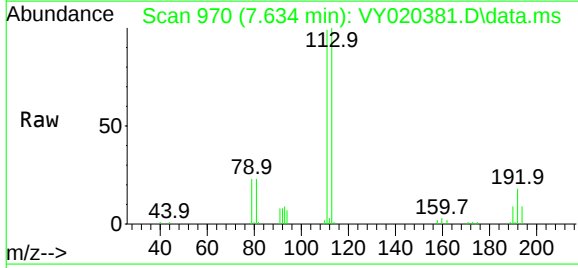




#35
Dibromofluoromethane
Concen: 50.153 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

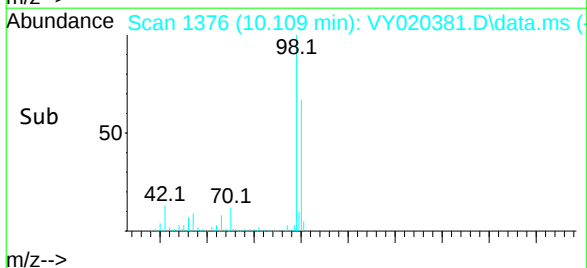
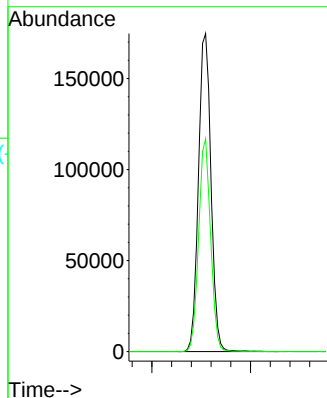
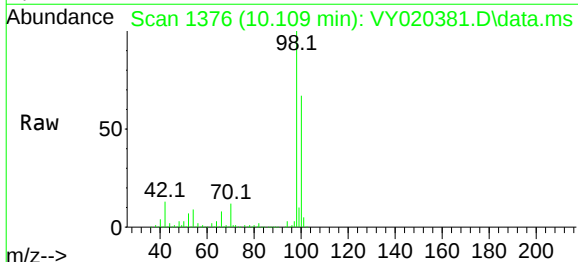
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-111824

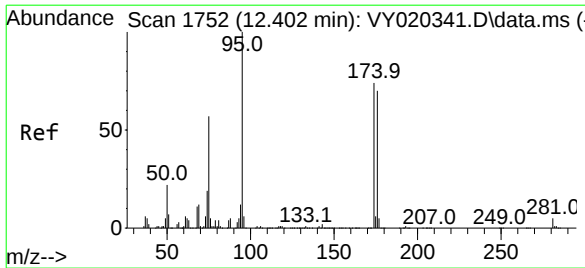
Tgt Ion:113 Resp: 80611
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 18.8 15.1 22.7



#50
Toluene-d8
Concen: 48.529 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion: 98 Resp: 307263
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

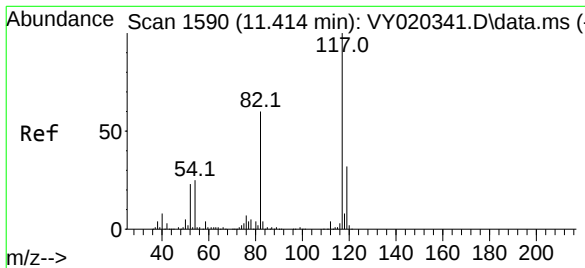
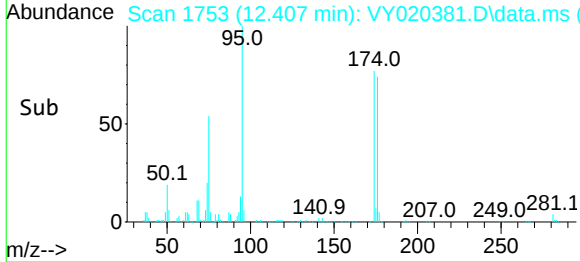
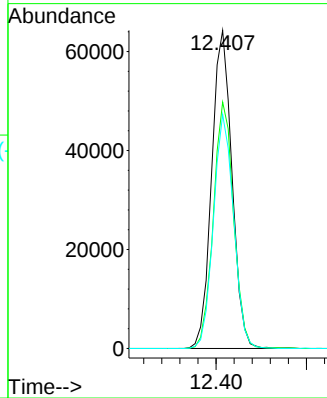
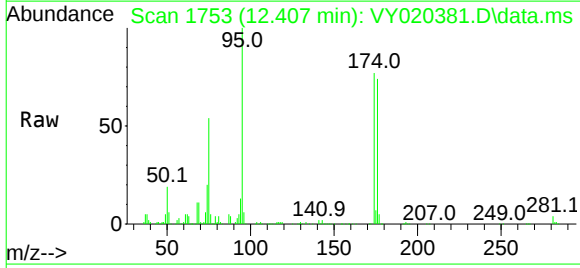




#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

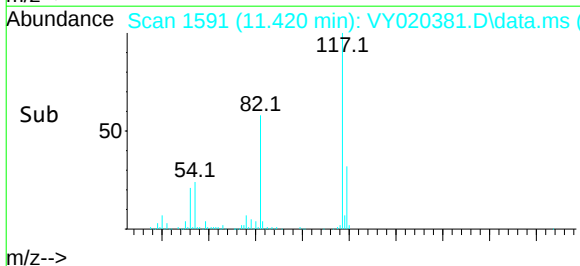
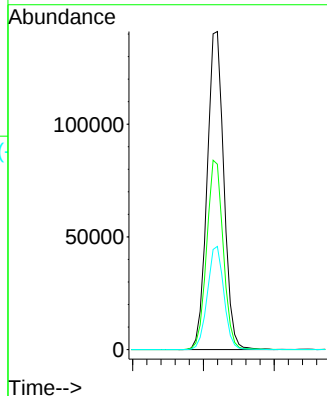
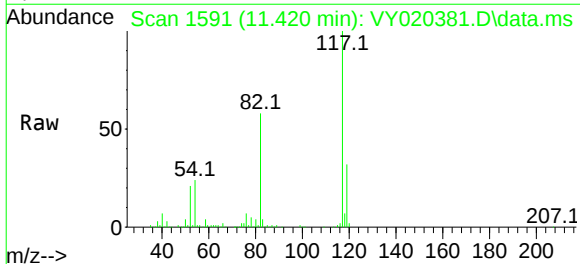
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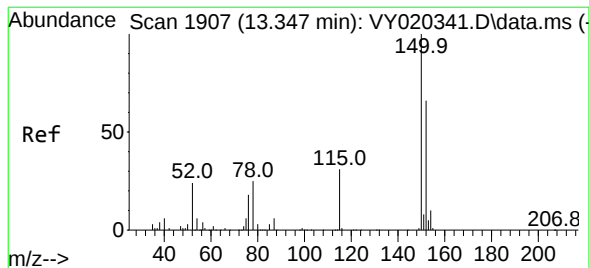
Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	156.8
176	73.3	0.0	152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.2	72.4
119	32.4	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 19

Delta R.T. 0.006 min

Lab File: VY020381.D

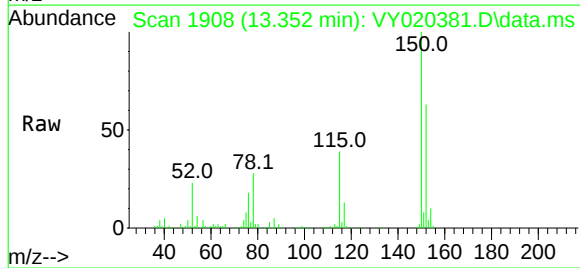
Acq: 21 Nov 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-111824



Tgt Ion:152 Resp: 85757

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 159.5 0.0 348.2

