

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020434.D
 Acq On : 25 Nov 2024 16:57
 Operator : SY/MD
 Sample : P4960-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW2

Quant Time: Nov 26 00:46:37 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	25425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	42456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	33581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	12685	43.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.860%
35) Dibromofluoromethane	7.640	113	12947	47.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.120%
50) Toluene-d8	10.109	98	48517	45.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.408	95	12916	37.465	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.940%

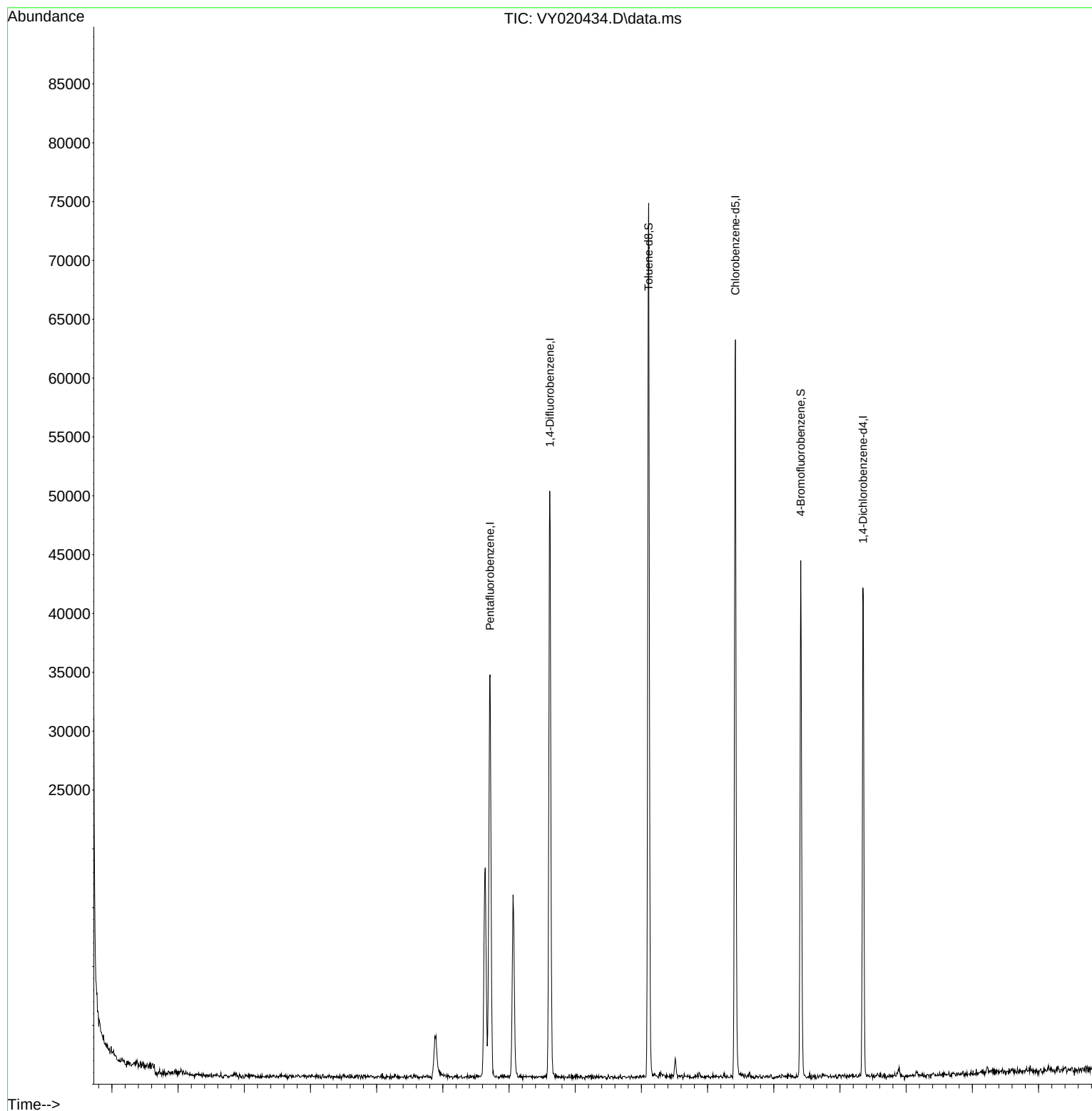
Target Compounds Qvalue

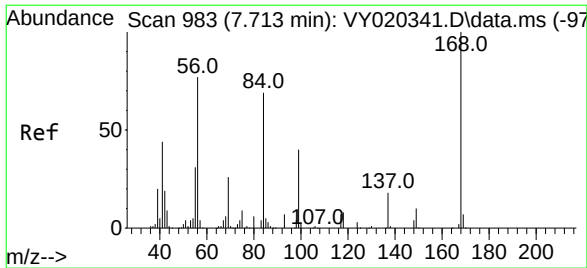
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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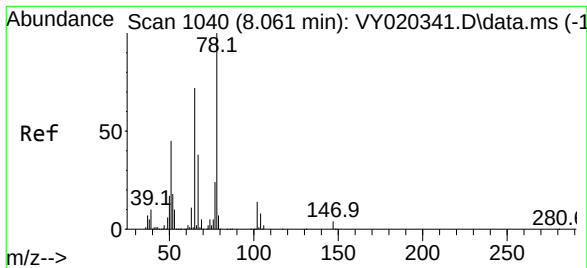
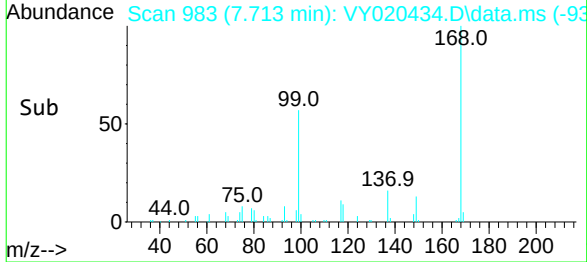
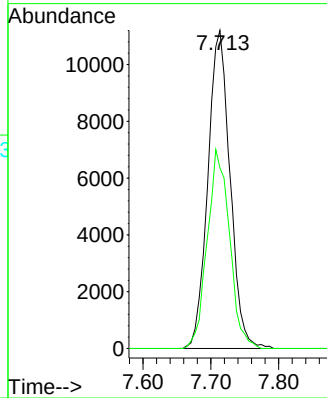
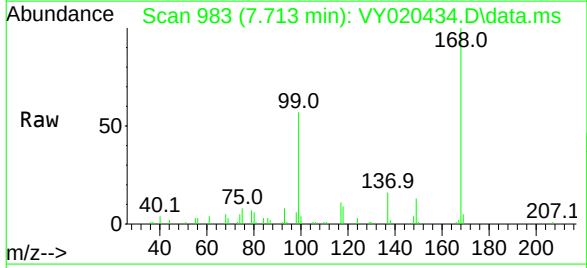




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

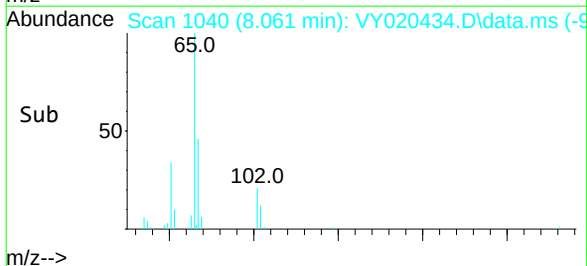
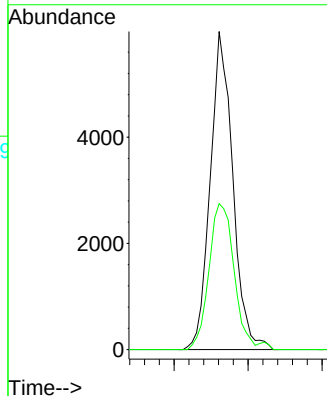
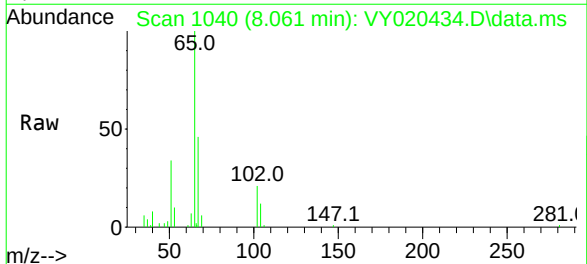
Instrument :
MSVOA_Y
ClientSampleId :
SW2

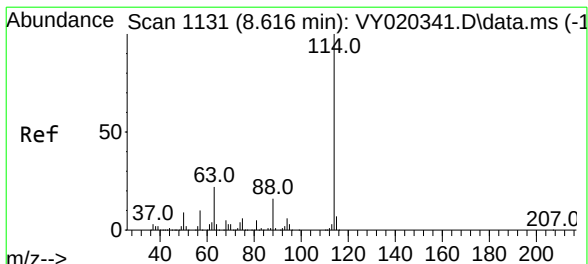
Tgt Ion:168 Resp: 25425
Ion Ratio Lower Upper
168 100
99 56.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 43.426 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

Tgt Ion: 65 Resp: 12685
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8

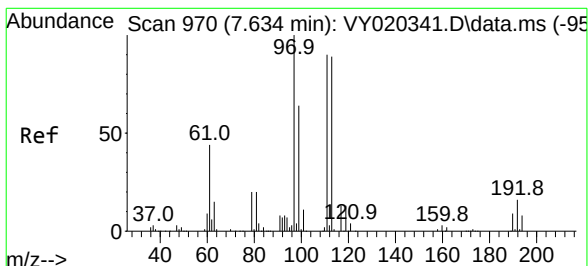
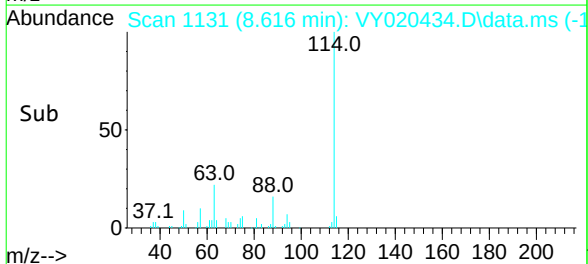
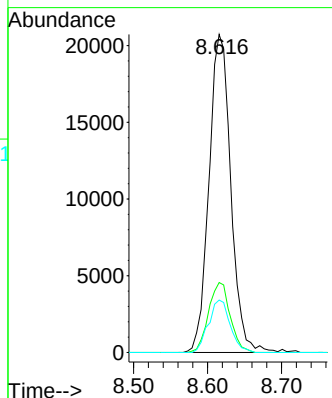
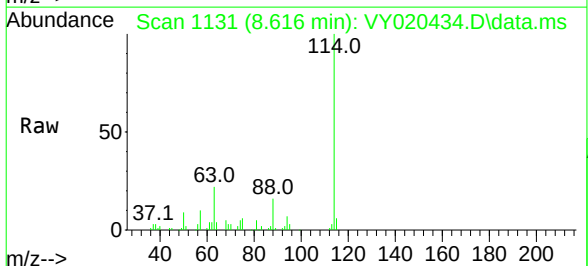




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020434.D
 Acq: 25 Nov 2024 16:57

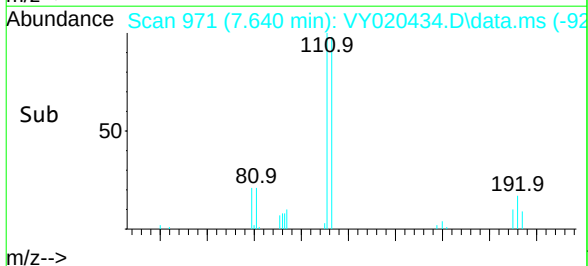
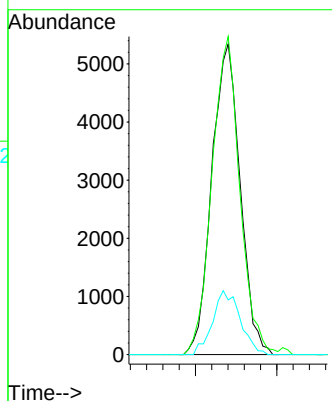
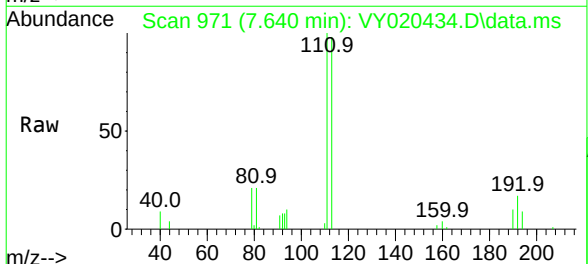
Instrument :
 MSVOA_Y
 ClientSampleId :
 SW2

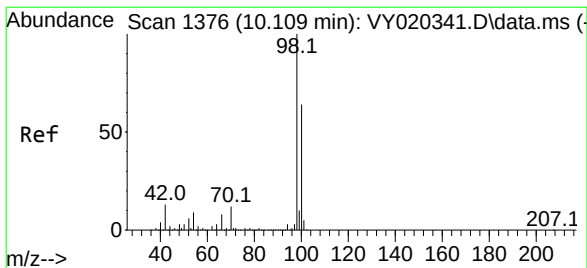
Tgt Ion:	114	Resp:	42456
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	44.8
88	16.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 47.557 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020434.D
 Acq: 25 Nov 2024 16:57

Tgt Ion:	113	Resp:	12947
Ion Ratio	Lower	Upper	
113	100		
111	100.4	81.4	122.0
192	20.0	15.1	22.7





#50

Toluene-d8

Concen: 45.241 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

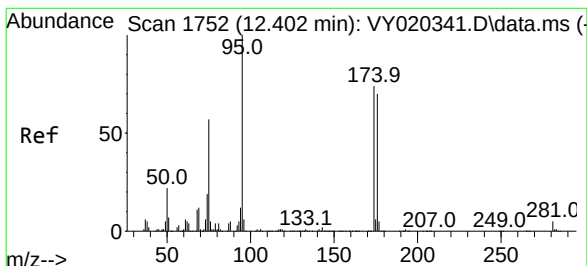
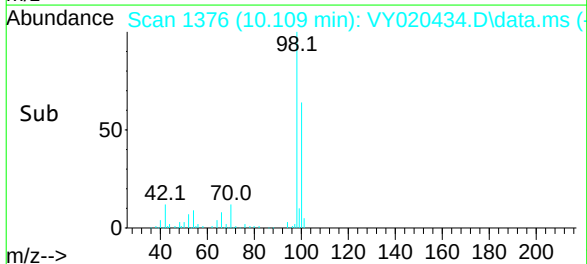
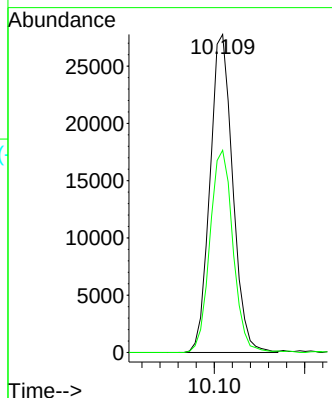
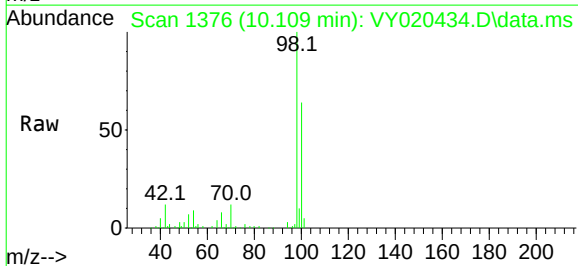
SW2

Tgt Ion: 98 Resp: 48517

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 37.465 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

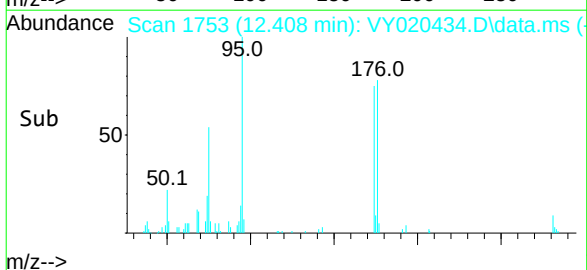
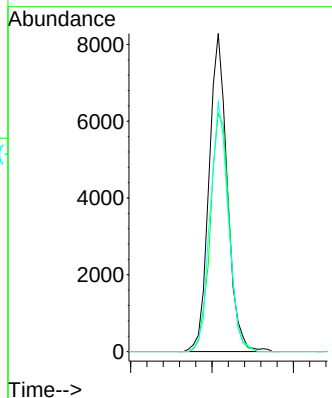
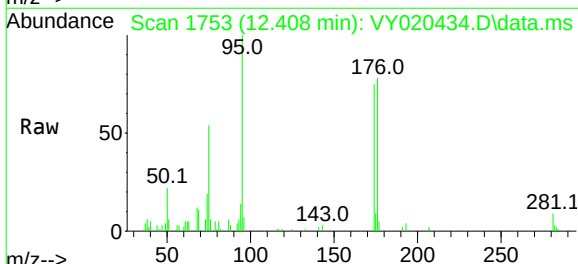
Tgt Ion: 95 Resp: 12916

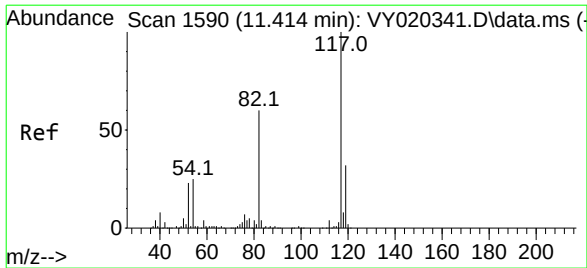
Ion Ratio Lower Upper

95 100

174 77.8 0.0 156.8

176 78.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

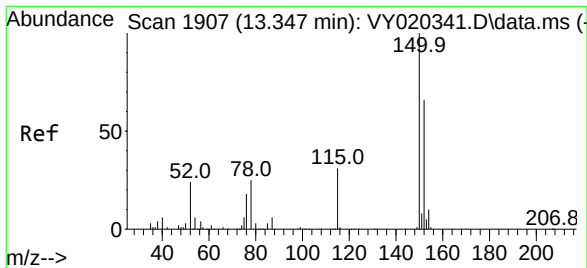
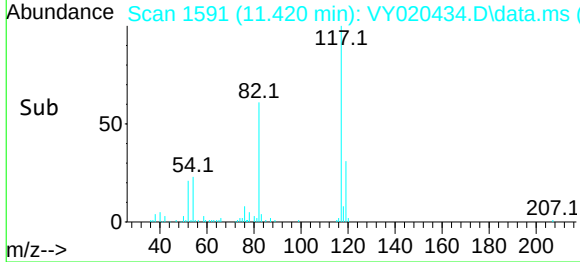
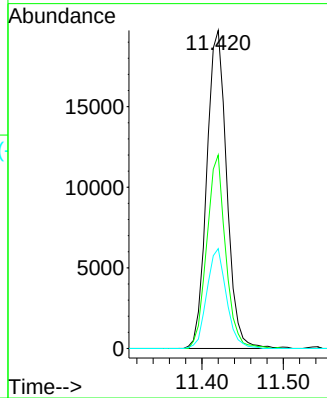
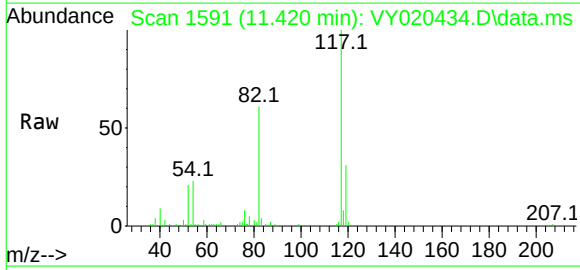
Instrument :

MSVOA_Y

ClientSampleId :

SW2

Tgt Ion:	117	Resp:	33581
Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.2	72.4
119	31.4	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

Tgt Ion:	152	Resp:	10419
Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.0	90.0
150	161.2	0.0	348.2

