

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020435.D
 Acq On : 25 Nov 2024 17:20
 Operator : SY/MD
 Sample : P4960-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW3

Quant Time: Nov 26 00:46:58 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	7.707	168	2583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	4372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1498	50.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.960%
35) Dibromofluoromethane	7.640	113	1249	44.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.100%
50) Toluene-d8	10.109	98	4671	42.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.600%
62) 4-Bromofluorobenzene	12.408	95	691	19.464	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	38.920%

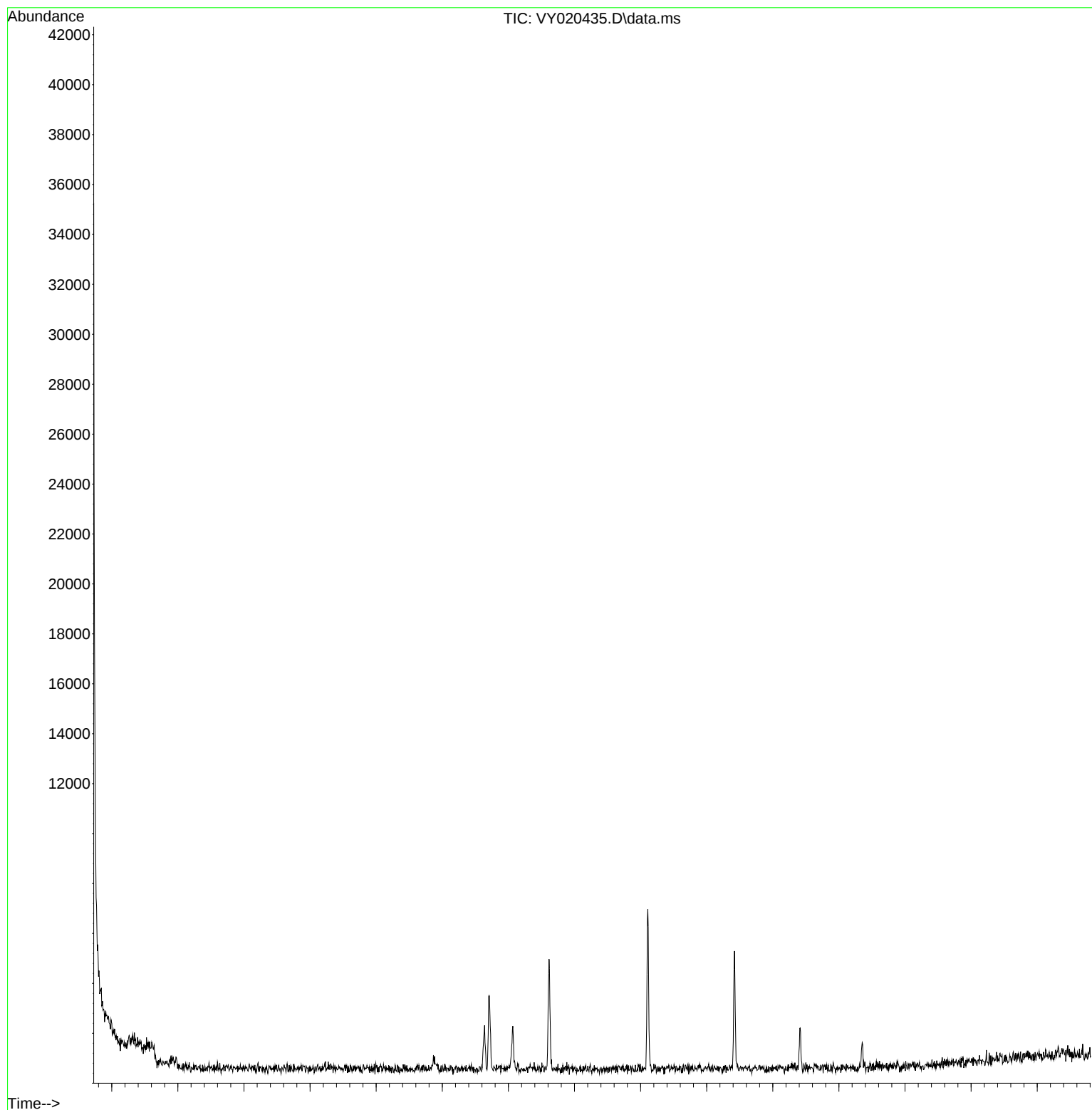
Target Compounds Qvalue

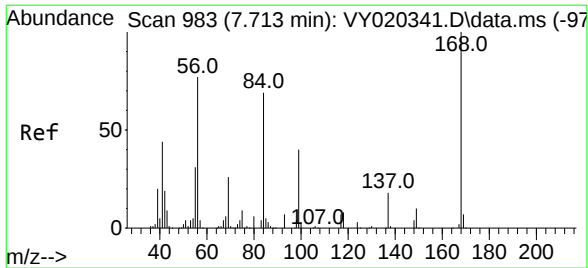
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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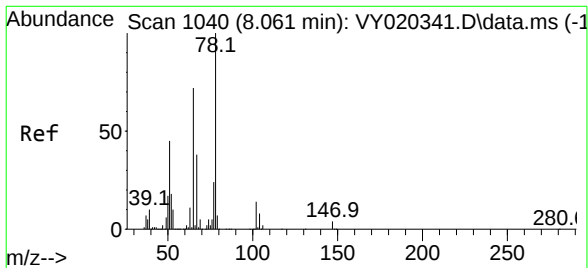
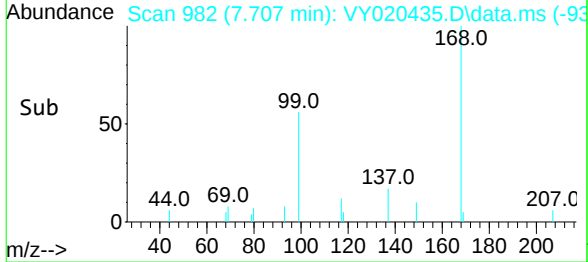
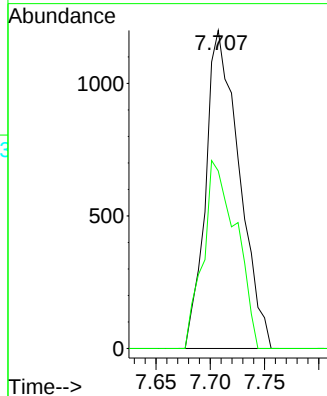
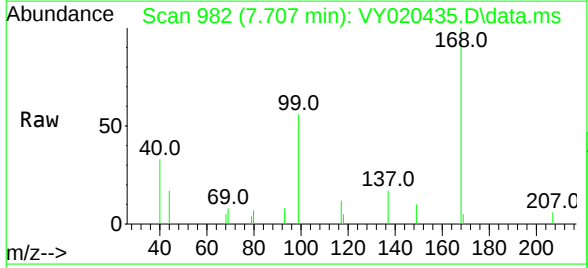




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

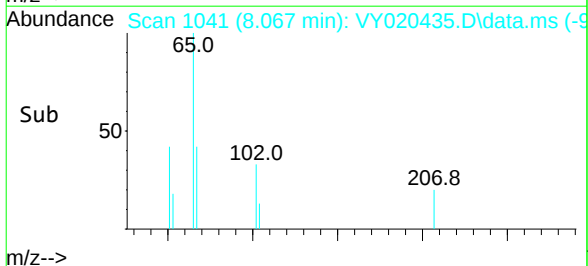
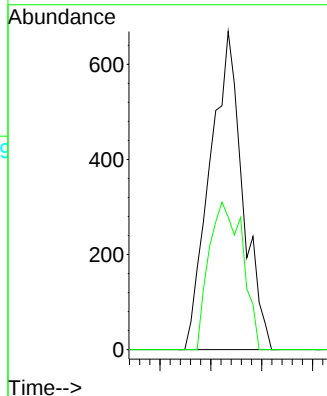
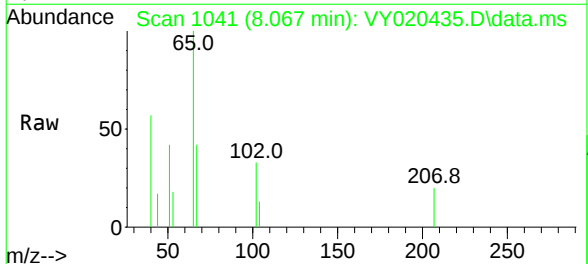
Instrument :
MSVOA_Y
ClientSampleId :
SW3

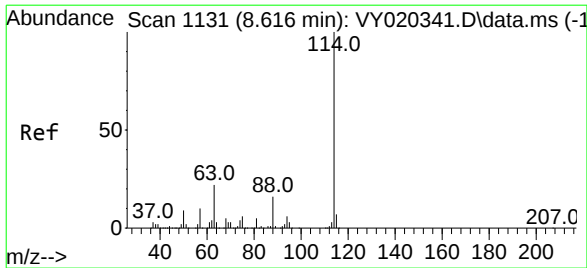
Tgt Ion:168 Resp: 2583
Ion Ratio Lower Upper
168 100
99 55.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 50.479 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020435.D
Acq: 25 Nov 2024 17:20

Tgt Ion: 65 Resp: 1498
Ion Ratio Lower Upper
65 100
67 47.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

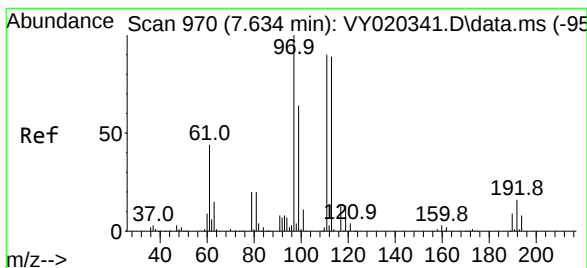
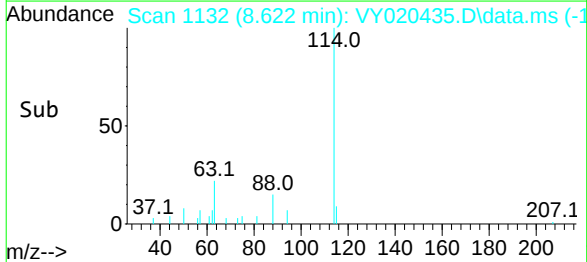
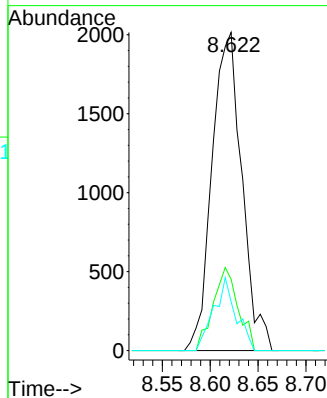
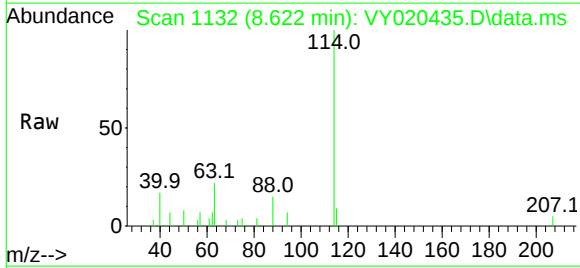
Instrument :

MSVOA_Y

ClientSampleId :

SW3

Tgt Ion:	114	Resp:	4372
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.8
88	15.4	0.0	32.0



#35

Dibromofluoromethane

Concen: 44.552 ug/l

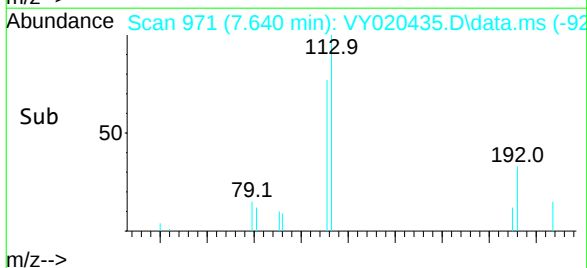
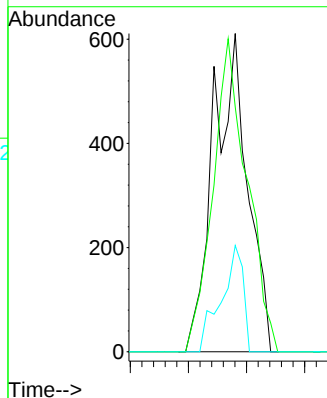
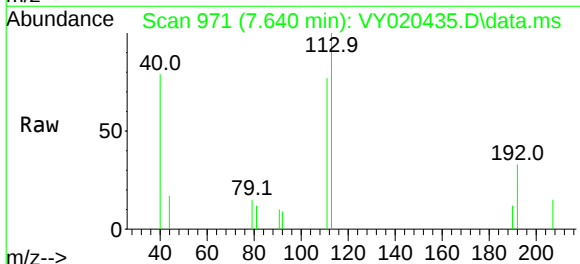
RT: 7.640 min Scan# 971

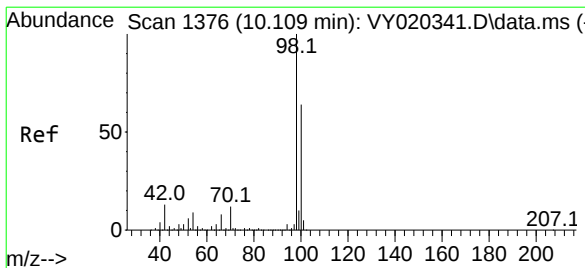
Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

Tgt Ion:	113	Resp:	1249
Ion	Ratio	Lower	Upper
113	100		
111	97.9	81.4	122.0
192	21.5	15.1	22.7





#50

Toluene-d8

Concen: 42.297 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

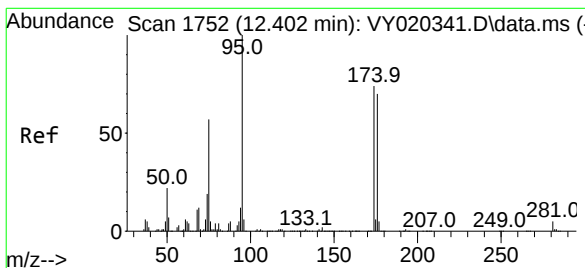
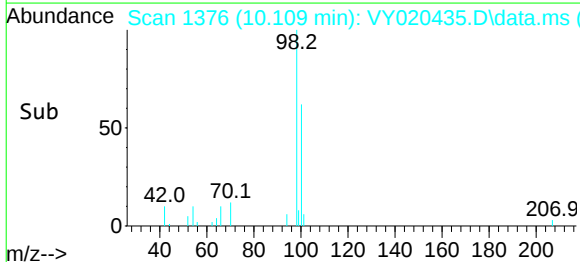
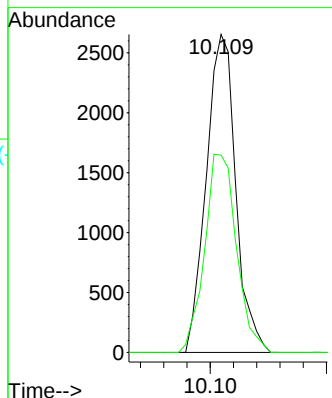
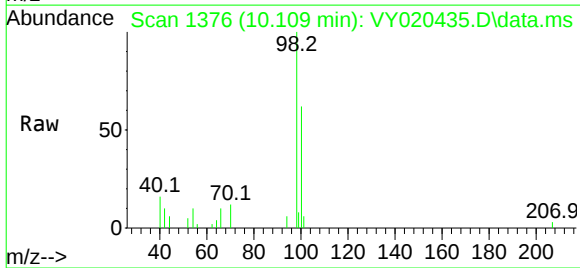
SW3

Tgt Ion: 98 Resp: 4671

Ion Ratio Lower Upper

98 100

100 67.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 19.464 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

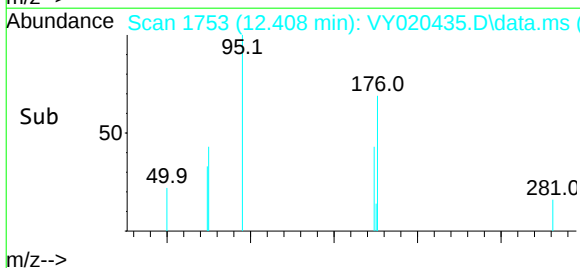
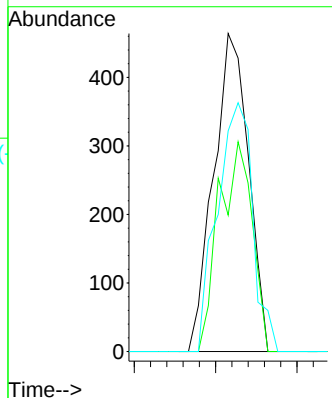
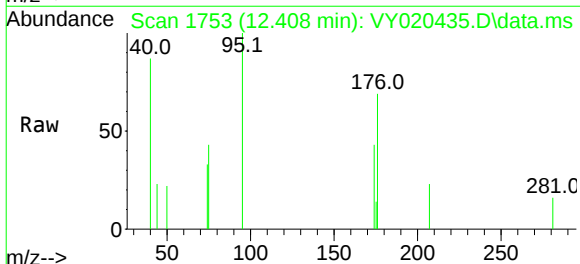
Tgt Ion: 95 Resp: 691

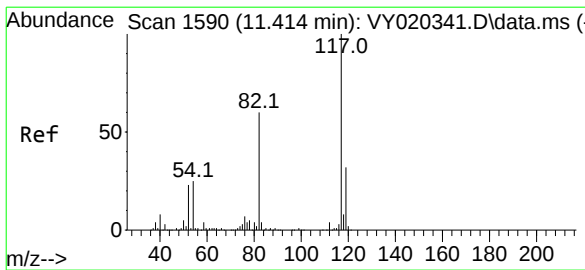
Ion Ratio Lower Upper

95 100

174 63.0 0.0 156.8

176 79.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

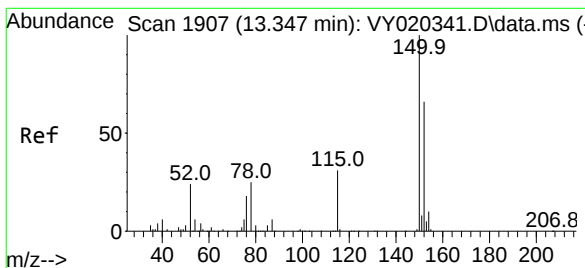
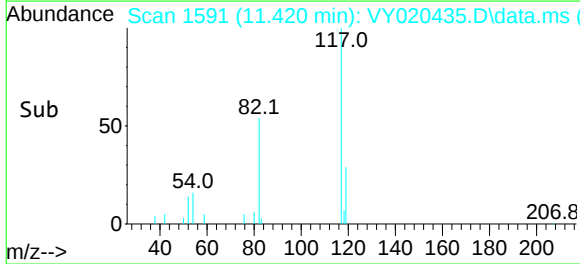
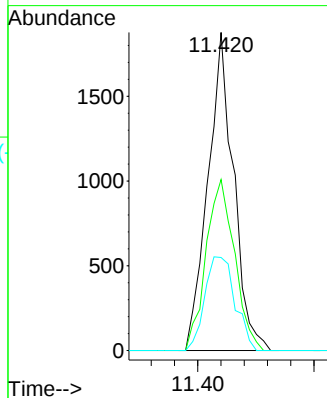
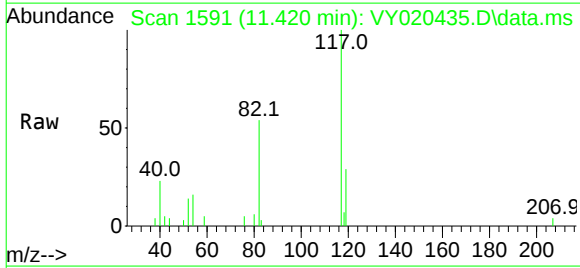
Instrument :

MSVOA_Y

ClientSampleId :

SW3

Tgt Ion:	117	Resp:	2879
Ion	Ratio	Lower	Upper
117	100		
82	53.8	48.2	72.4
119	29.2	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020435.D

Acq: 25 Nov 2024 17:20

Tgt Ion:	152	Resp:	474
Ion	Ratio	Lower	Upper
152	100		
115	48.5	30.0	90.0
150	122.2	0.0	348.2

