

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020007.D
 Acq On : 24 Oct 2024 13:23
 Operator : SY/MD
 Sample : P4509-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-10232024

Quant Time: Oct 25 01:40:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	21002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	32760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	19156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8561	33.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.220%
35) Dibromofluoromethane	7.634	113	10038	46.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.860%
50) Toluene-d8	10.109	98	35634	44.636	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.402	95	5236	18.152	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	36.300%

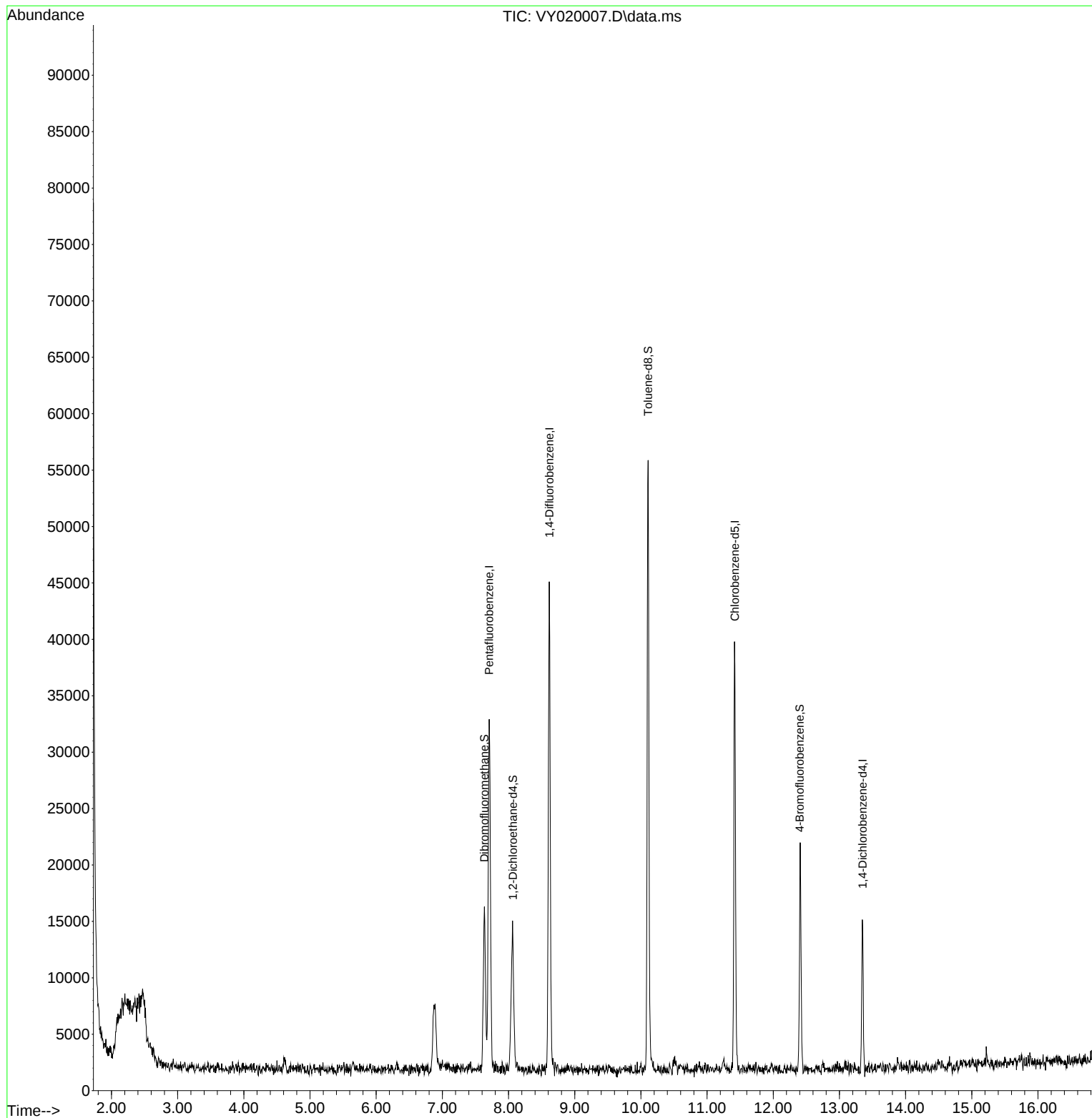
Target Compounds	Qvalue

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

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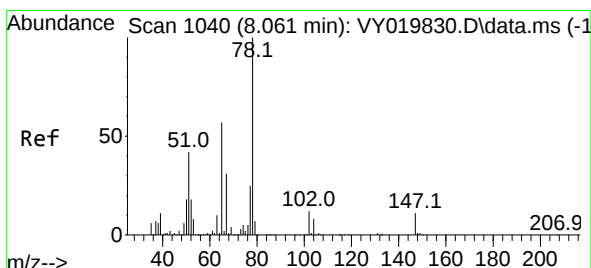
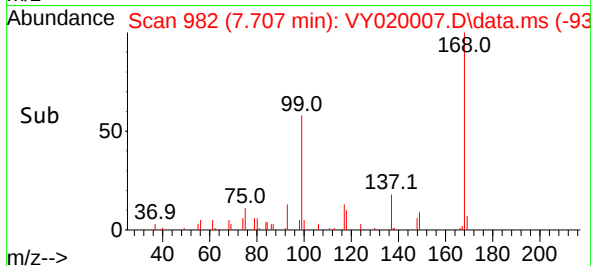
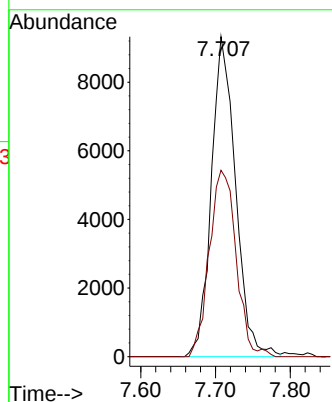
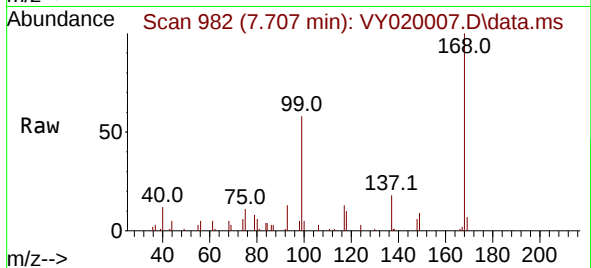




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020007.D
Acq: 24 Oct 2024 13:23

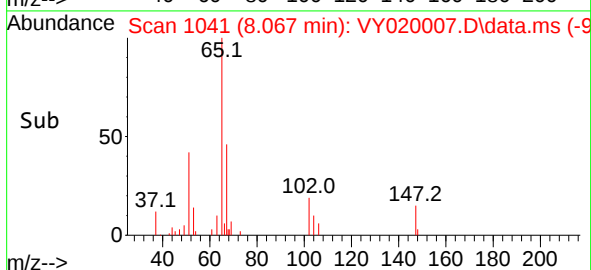
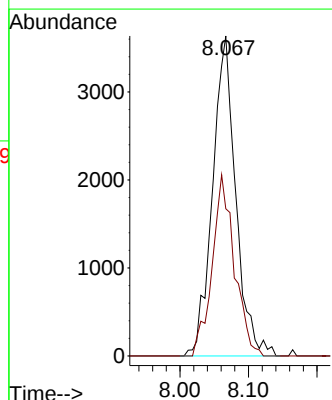
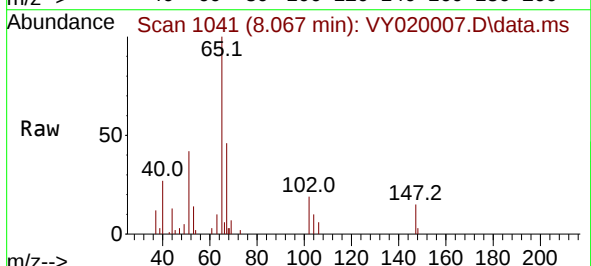
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-10232024

Tgt Ion:168 Resp: 21002
Ion Ratio Lower Upper
168 100
99 58.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 33.106 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020007.D
Acq: 24 Oct 2024 13:23

Tgt Ion: 65 Resp: 8561
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

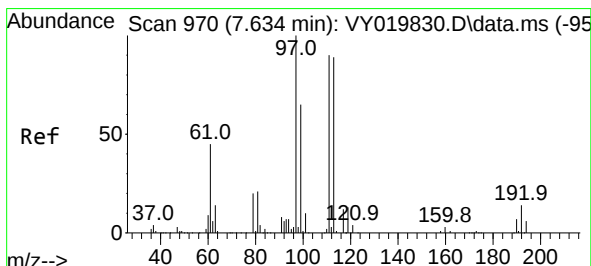
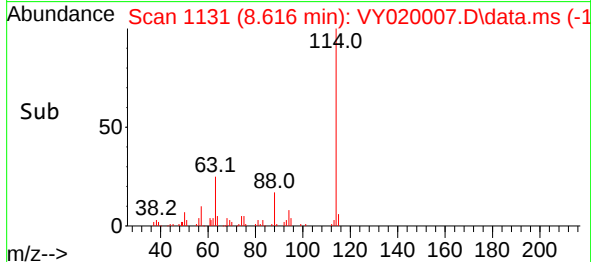
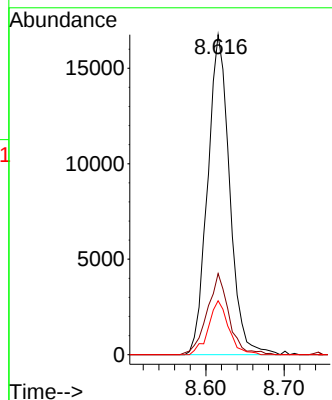
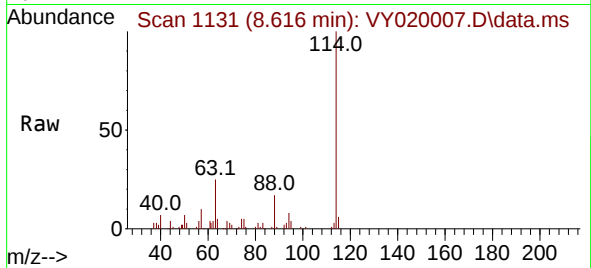




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020007.D
Acq: 24 Oct 2024 13:23

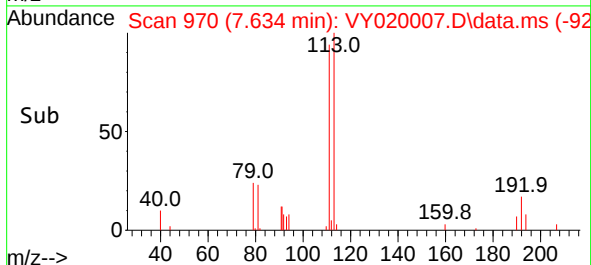
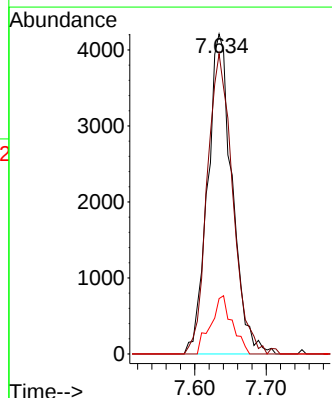
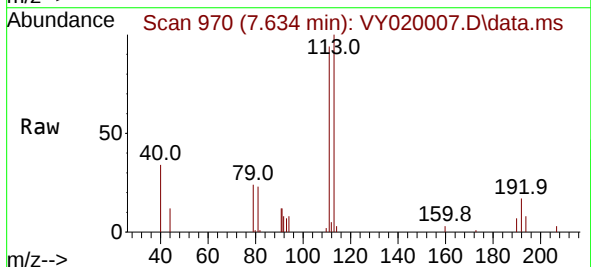
Instrument :
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ClientSampleId :
AU-06-10232024

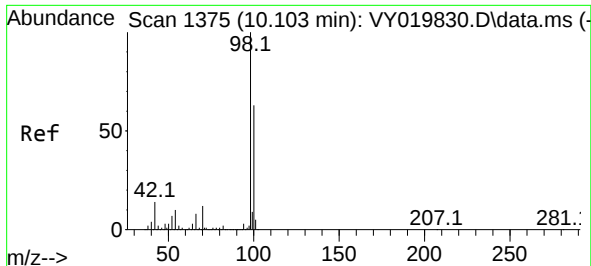
Tgt Ion:	114	Resp:	32760
Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	35.0
88	16.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 46.434 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020007.D
Acq: 24 Oct 2024 13:23

Tgt Ion:	113	Resp:	10038
Ion	Ratio	Lower	Upper
113	100		
111	97.1	82.2	123.4
192	15.9	15.9	23.9

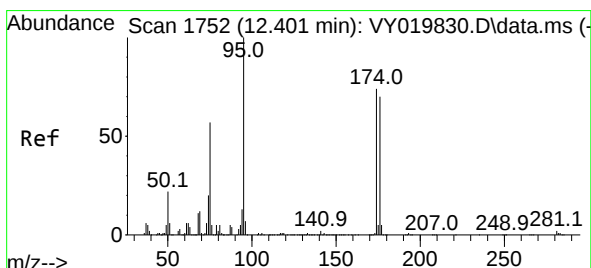
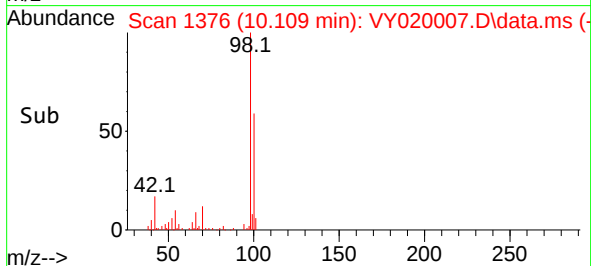
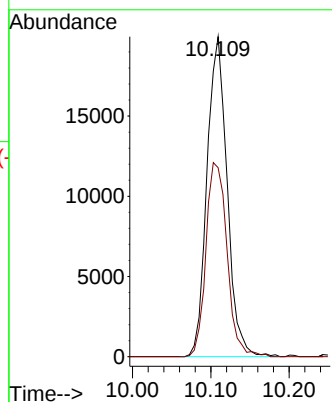
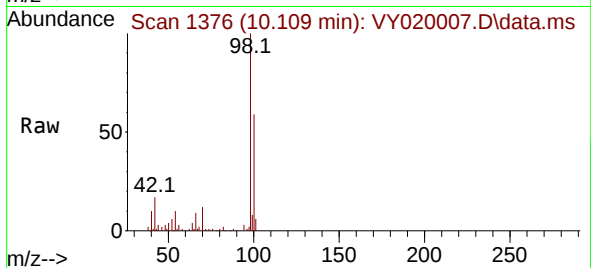




#50
Toluene-d8
Concen: 44.636 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020007.D
Acq: 24 Oct 2024 13:23

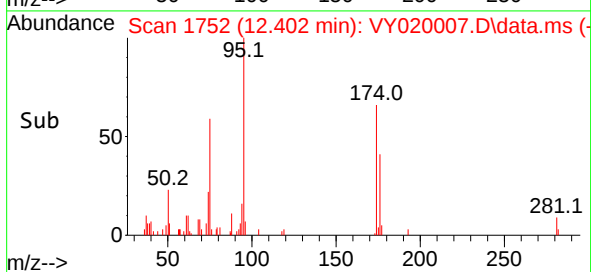
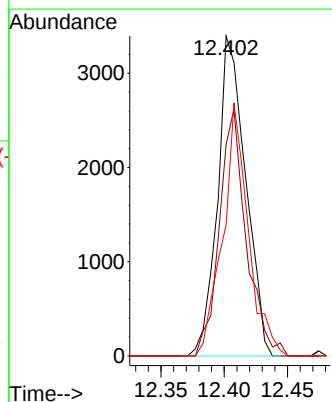
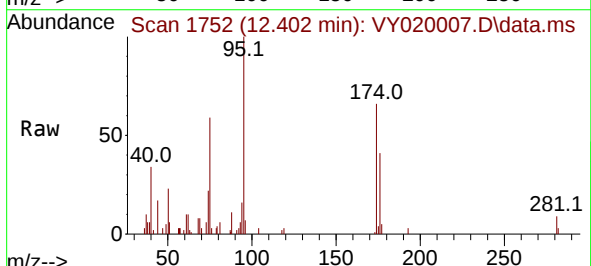
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-10232024

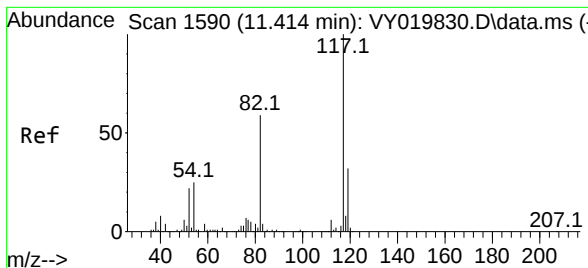
Tgt Ion: 98 Resp: 35634
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 18.152 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020007.D
Acq: 24 Oct 2024 13:23

Tgt Ion: 95 Resp: 5236
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 71.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020007.D

Acq: 24 Oct 2024 13:23

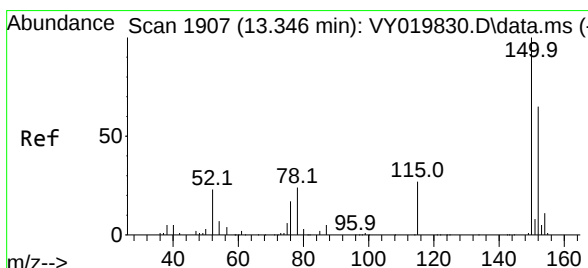
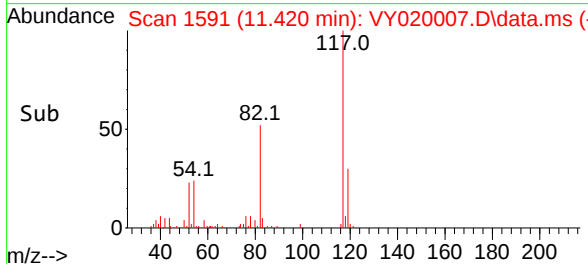
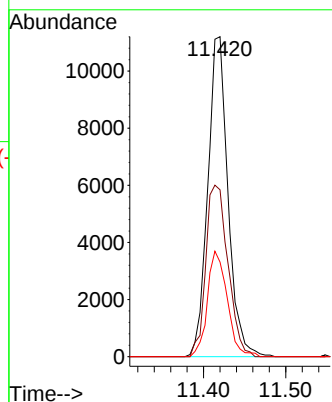
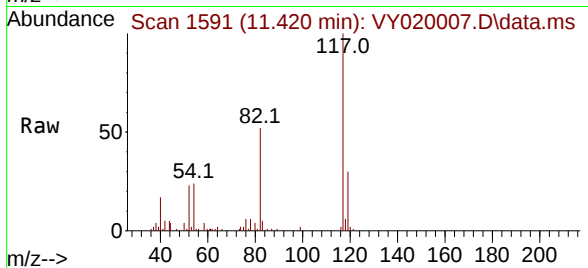
Instrument :

MSVOA_Y

ClientSampleId :

AU-06-10232024

Tgt Ion:117	Resp:	19156
Ion Ratio	Lower	Upper
117	100	
82	52.1	42.4 63.6
119	29.6	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020007.D

Acq: 24 Oct 2024 13:23

Tgt Ion:152	Resp:	3048
Ion Ratio	Lower	Upper
152	100	
115	56.8	28.2 84.7
150	151.9	0.0 345.6

