

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020056.D
 Acq On : 29 Oct 2024 13:15
 Operator : SY/MD
 Sample : P4597-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLUE-2-1

Quant Time: Oct 30 01:23:14 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	7.719	168	3469	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.616	114	7000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	4502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2880	67.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.860%
35) Dibromofluoromethane	7.634	113	2564	55.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.020%
50) Toluene-d8	10.109	98	7647	44.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.408	95	905	14.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	29.360%

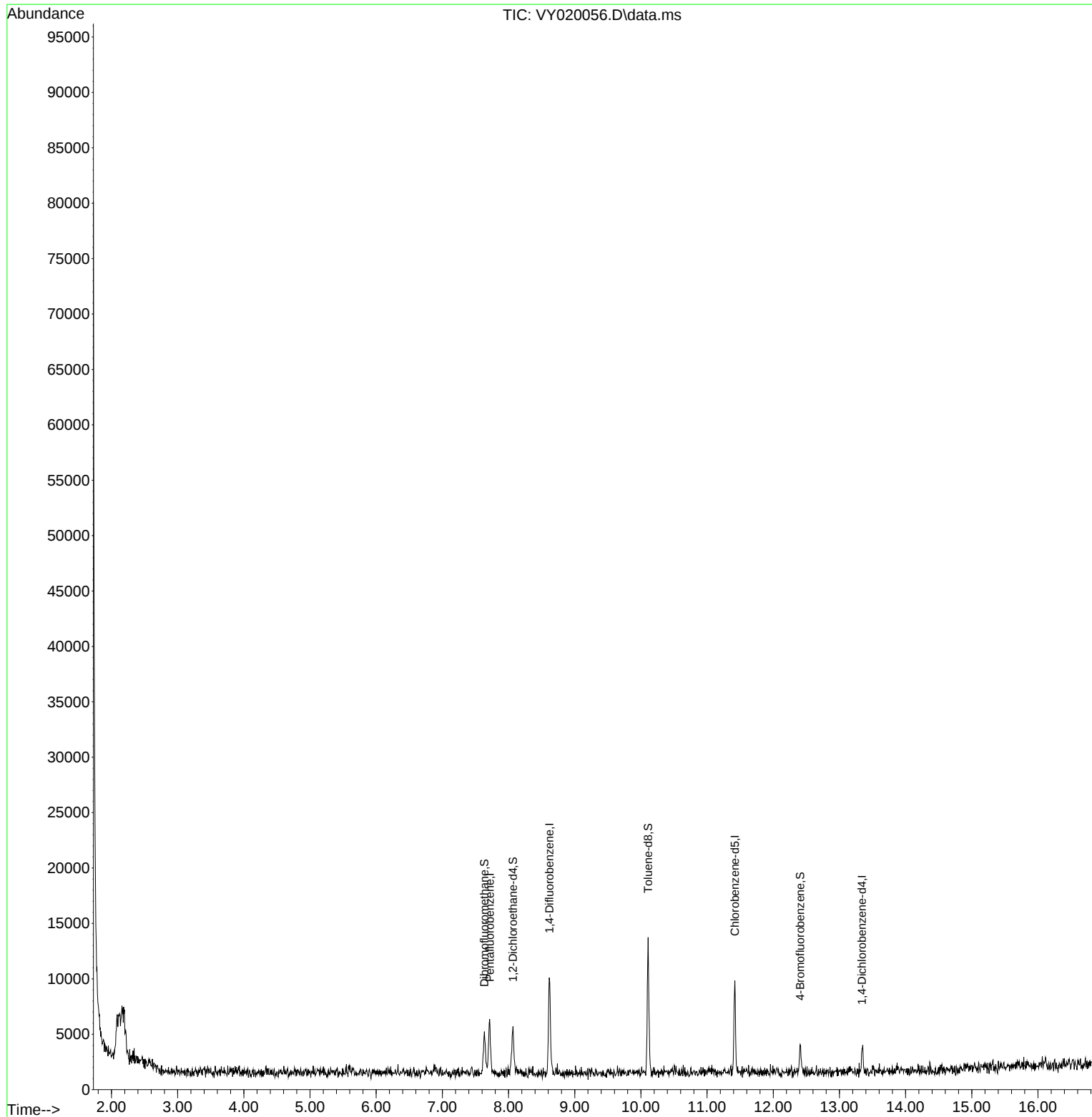
Target Compounds	Qvalue

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

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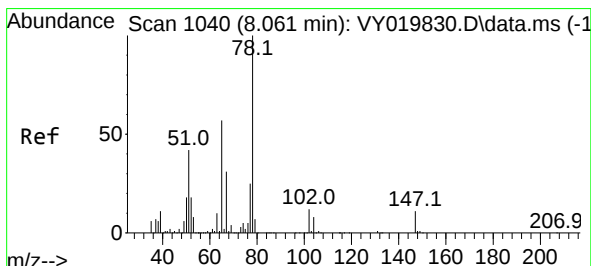
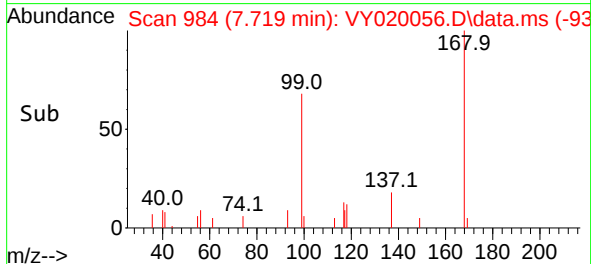
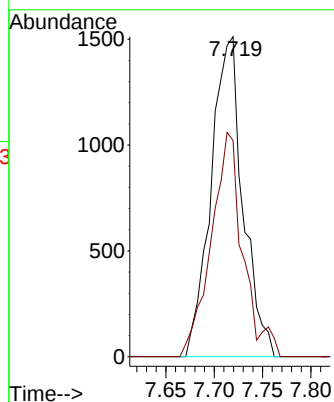
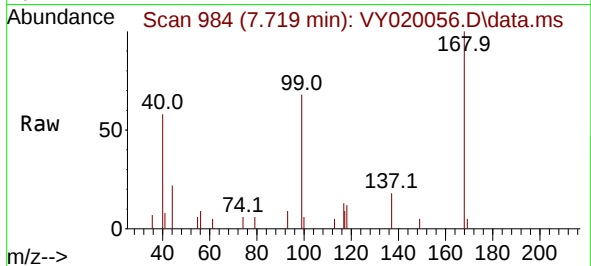




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

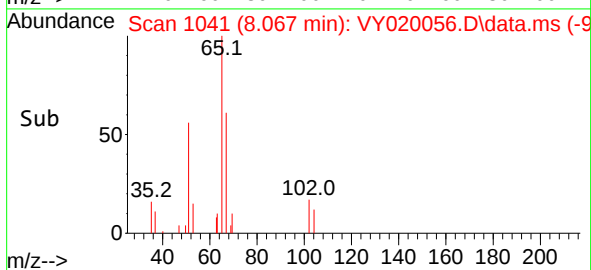
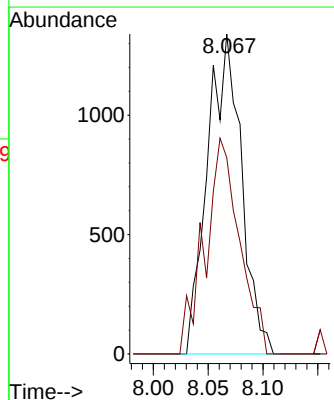
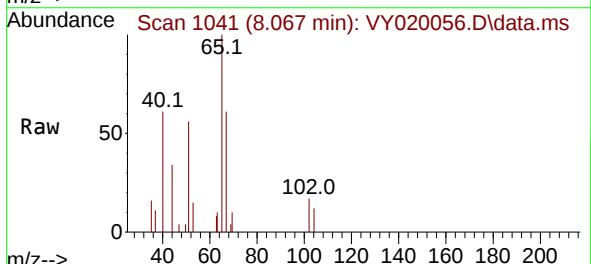
Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-1

Tgt Ion:168 Resp: 3469
Ion Ratio Lower Upper
168 100
99 67.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 67.426 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

Tgt Ion: 65 Resp: 2880
Ion Ratio Lower Upper
65 100
67 68.9 0.0 109.6

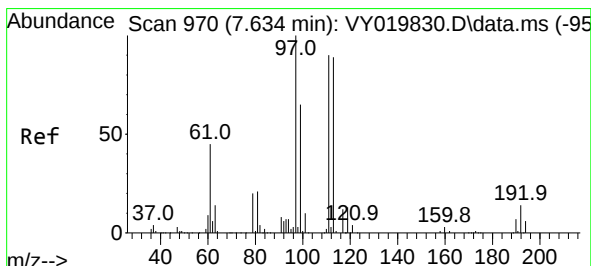
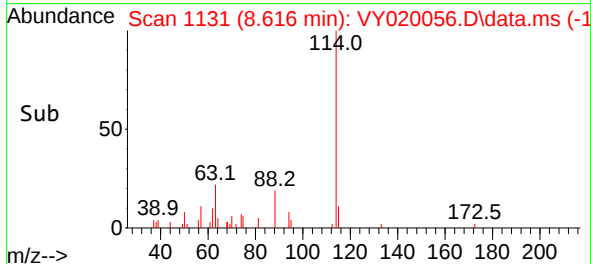
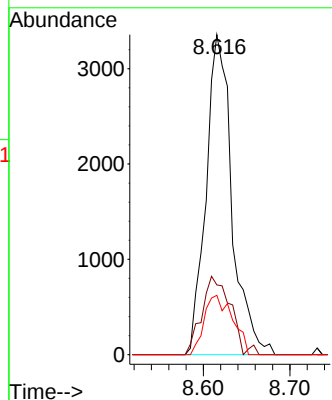
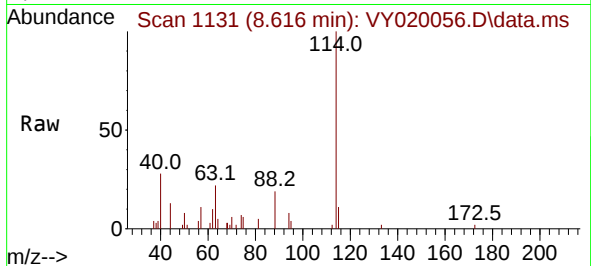




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

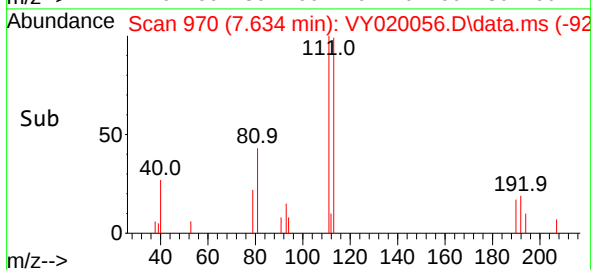
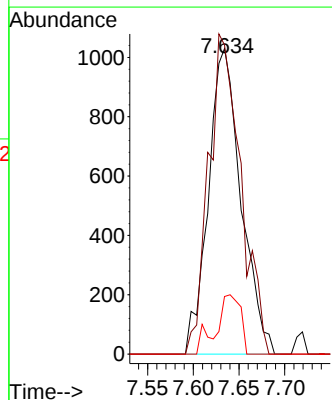
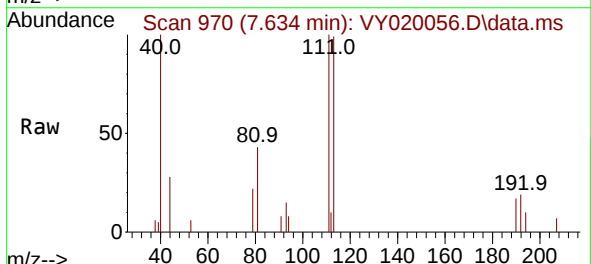
Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-1

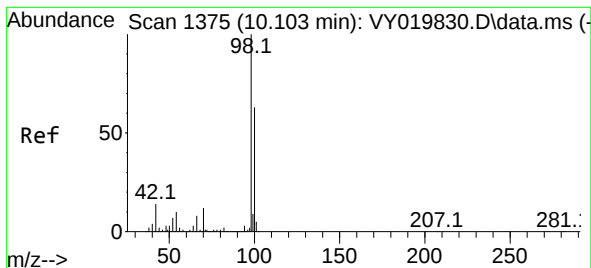
Tgt Ion:	114	Resp:	7000
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	35.0
88	18.5	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.507 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

Tgt Ion:	113	Resp:	2564
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	14.5	15.9	23.9

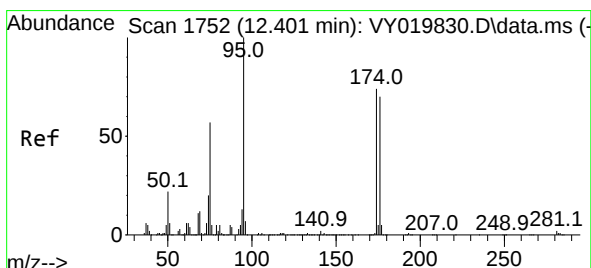
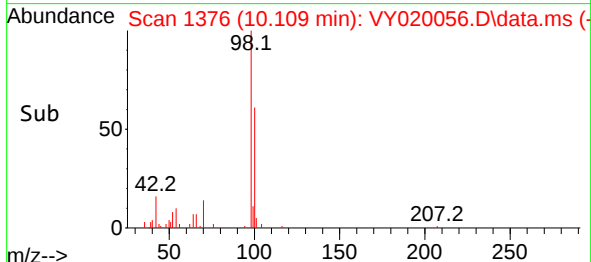
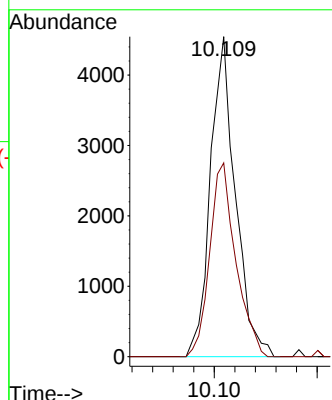
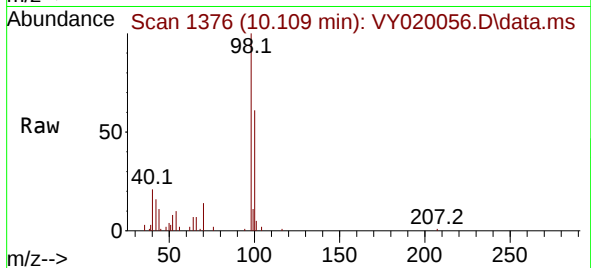




#50
Toluene-d8
Concen: 44.829 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

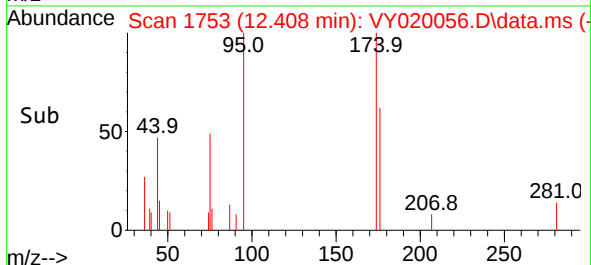
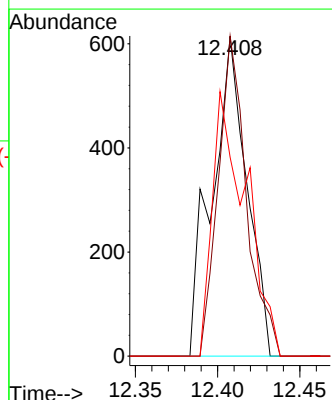
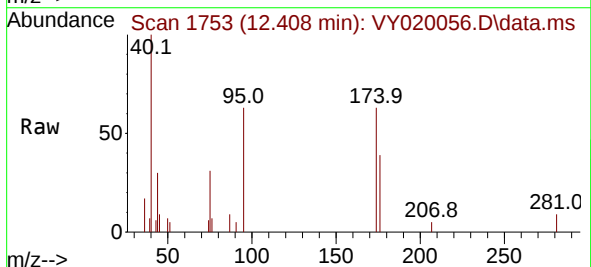
Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-1

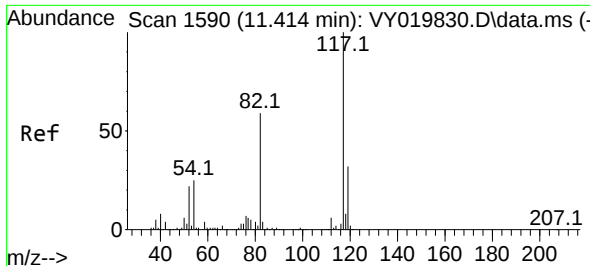
Tgt Ion: 98 Resp: 7647
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 14.683 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

Tgt Ion: 95 Resp: 905
Ion Ratio Lower Upper
95 100
174 81.4 0.0 175.6
176 80.4 0.0 171.4

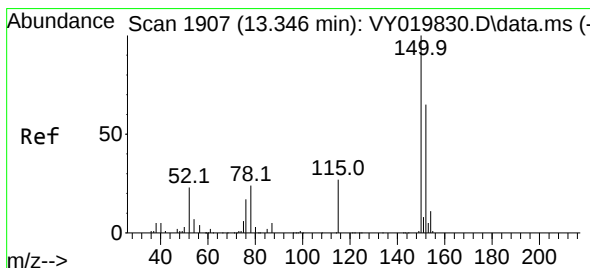
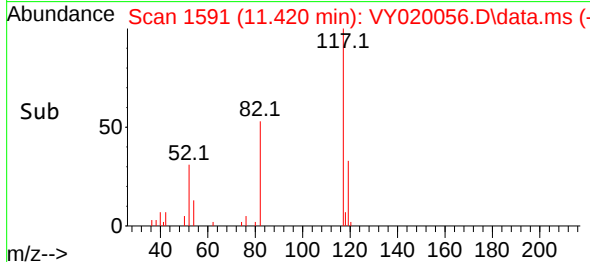
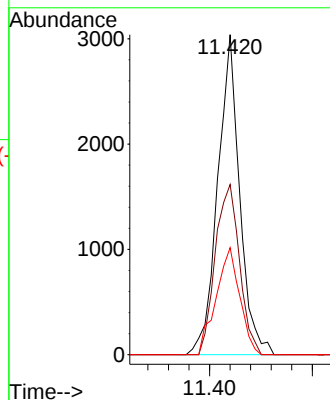
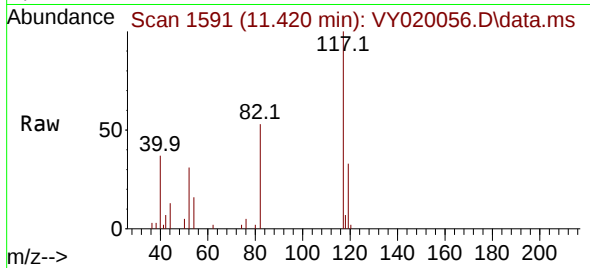




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-1

Tgt Ion:117	Resp:	4502
Ion Ratio	Lower	Upper
117	100	
82	53.2	42.4 63.6
119	33.5	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY020056.D
Acq: 29 Oct 2024 13:15

Tgt Ion:152	Resp:	686
Ion Ratio	Lower	Upper
152	100	
115	61.8	28.2 84.7
150	130.9	0.0 345.6

