

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019852.D
 Acq On : 10 Oct 2024 14:30
 Operator : SY/MD
 Sample : P4364-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.25-4.83

Quant Time: Oct 11 01:42:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	13654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	23051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	14978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7620	45.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.640%
35) Dibromofluoromethane	7.640	113	7362	48.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.800%
50) Toluene-d8	10.109	98	25117	44.714	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.402	95	4382	21.590	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	43.180%

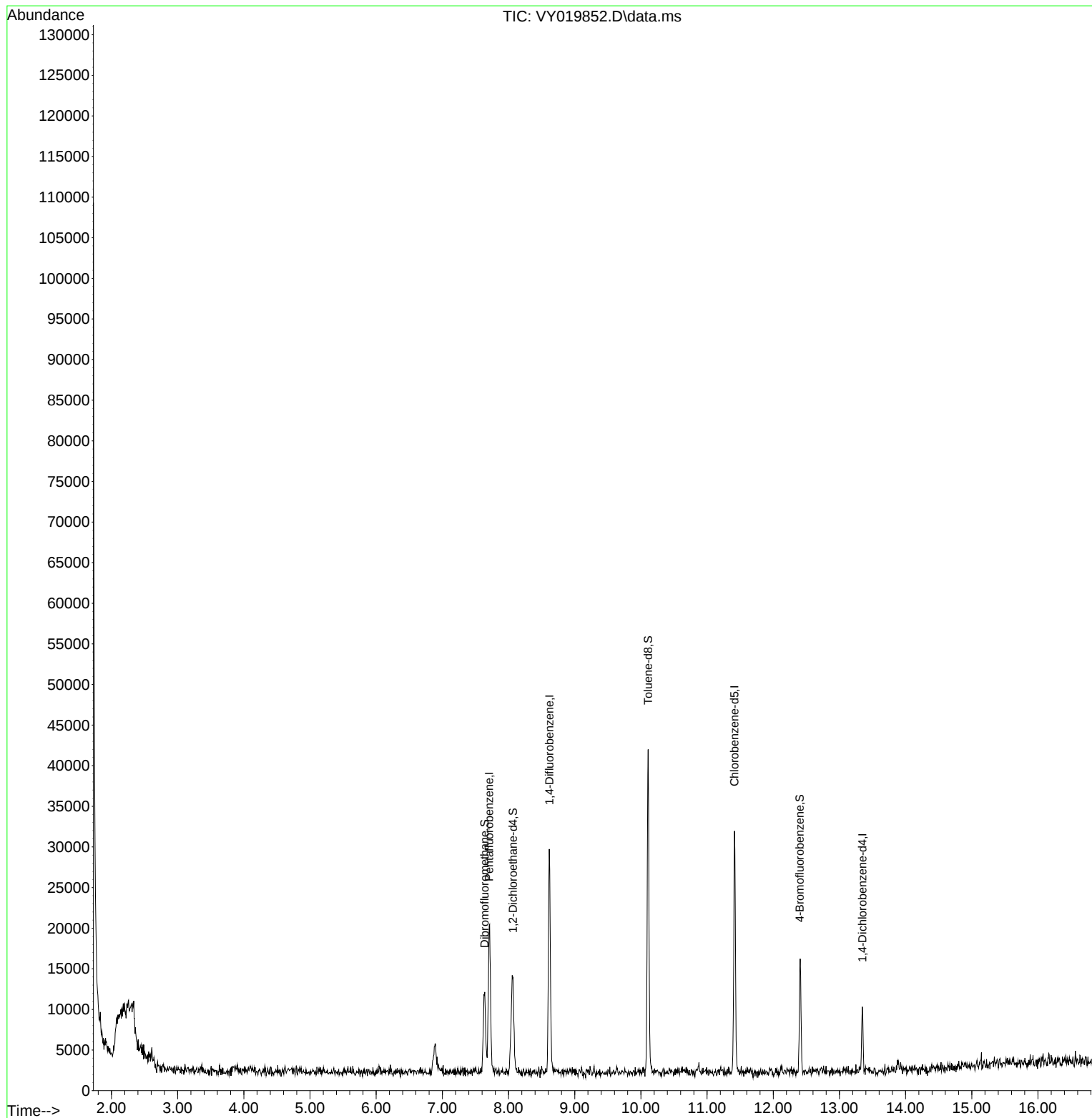
Target Compounds	Qvalue

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

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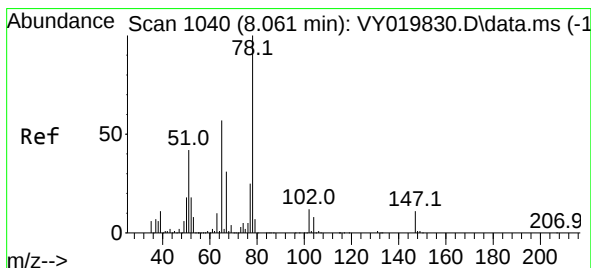
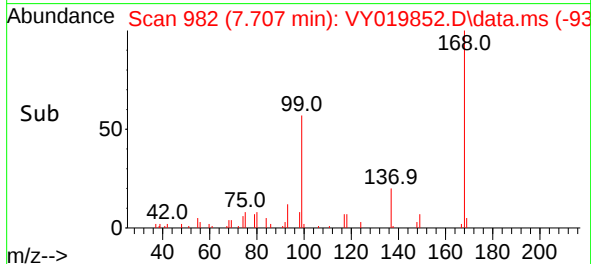
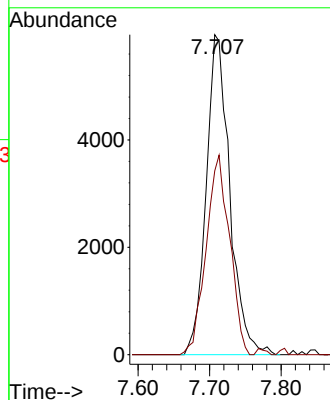
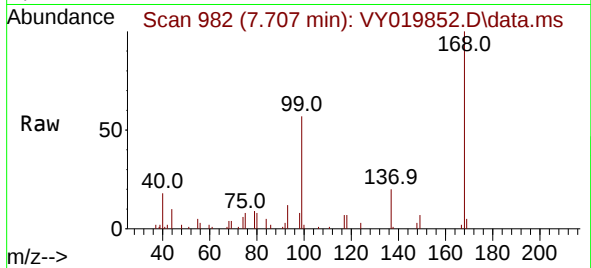




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

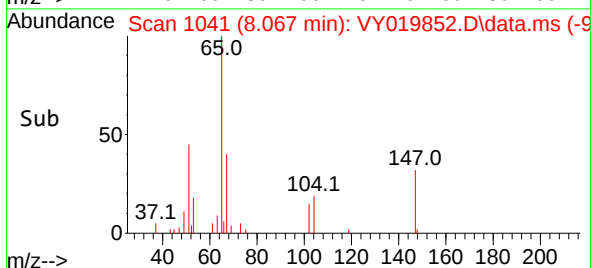
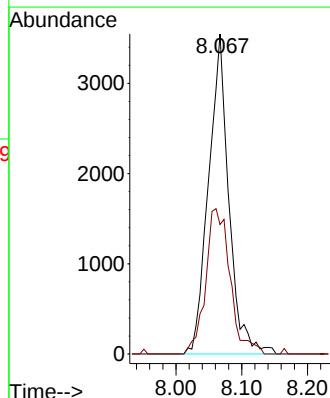
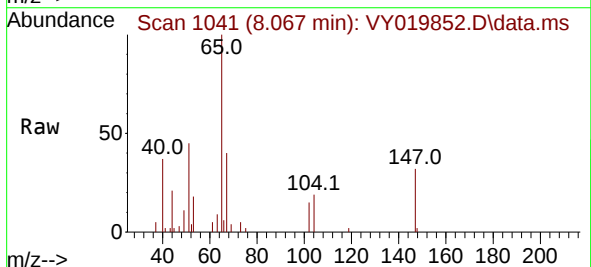
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.25-4.83

Tgt Ion:168 Resp: 13654
Ion Ratio Lower Upper
168 100
99 57.5 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 45.324 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

Tgt Ion: 65 Resp: 7620
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.0

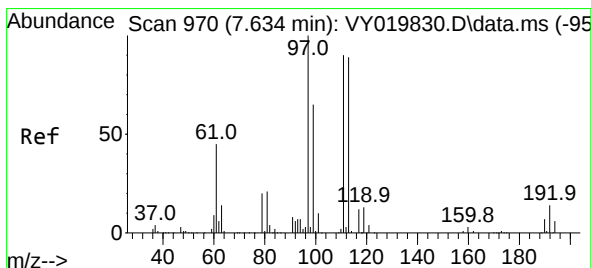
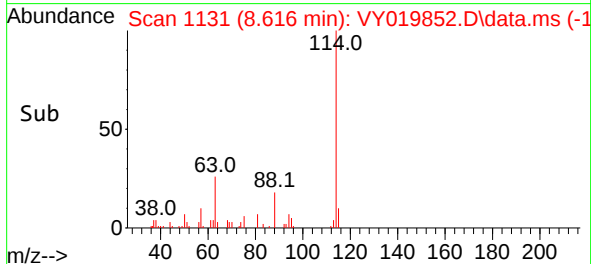
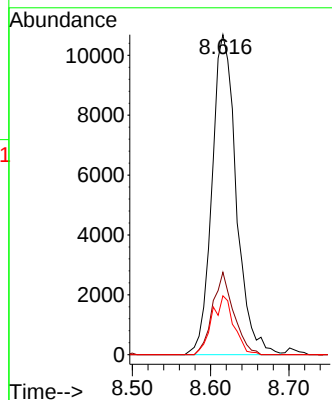
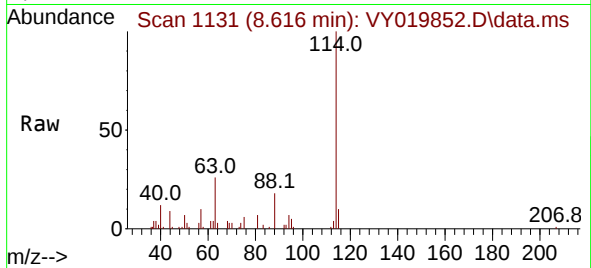




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

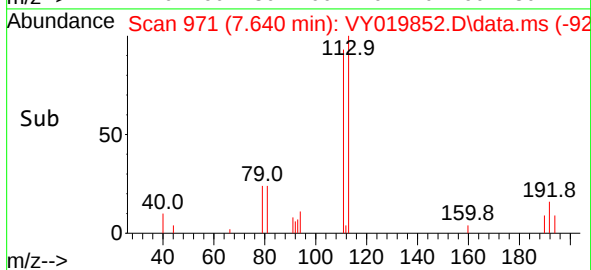
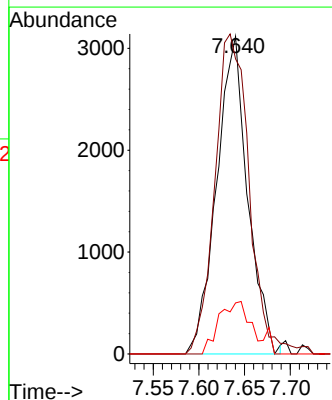
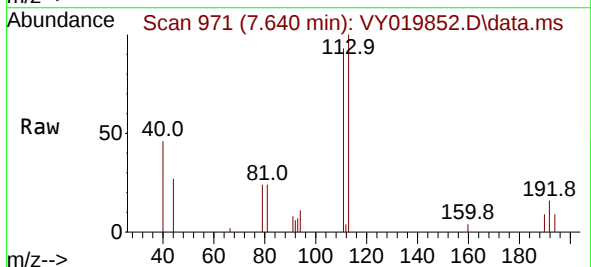
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.25-4.83

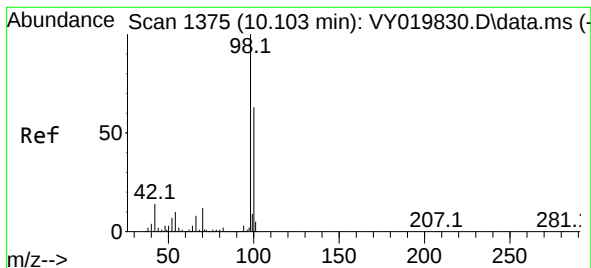
Tgt Ion:	114	Resp:	23051
Ion Ratio	Lower	Upper	
114	100		
63	25.8	0.0	43.8
88	18.4	0.0	32.0



#35
Dibromofluoromethane
Concen: 48.399 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

Tgt Ion:	113	Resp:	7362
Ion Ratio	Lower	Upper	
113	100		
111	111.3	82.9	124.3
192	18.3	13.6	20.4

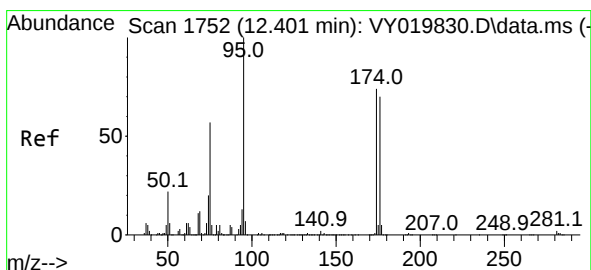
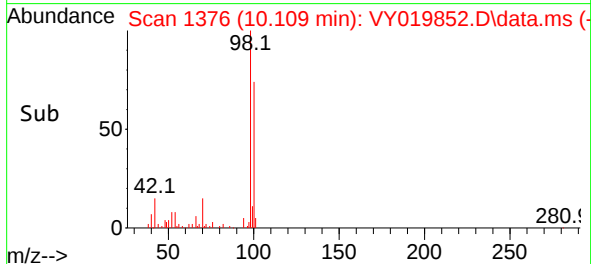
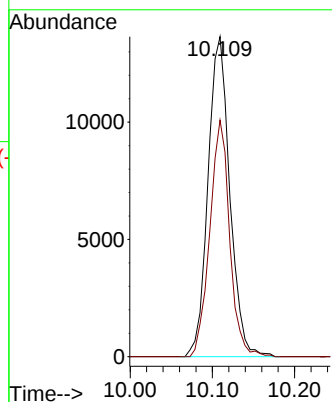
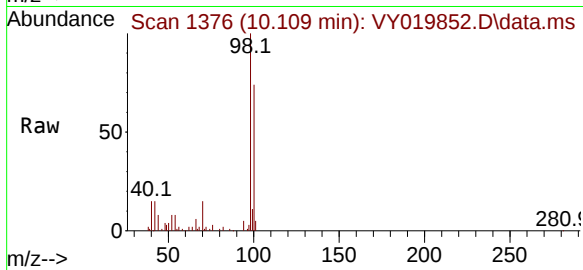




#50
Toluene-d8
Concen: 44.714 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

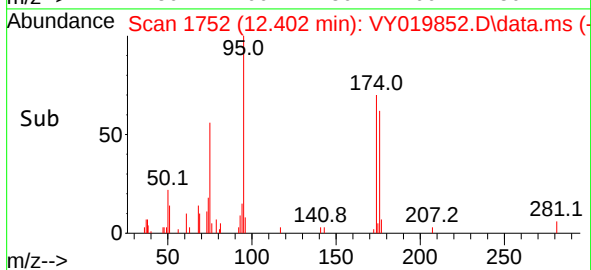
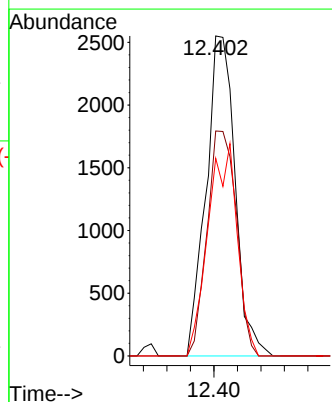
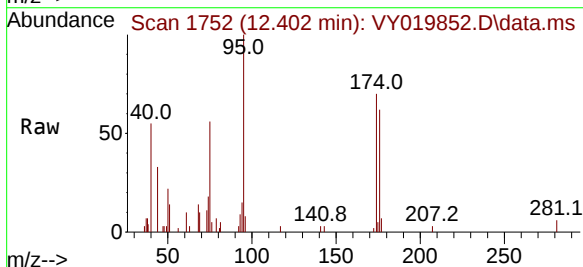
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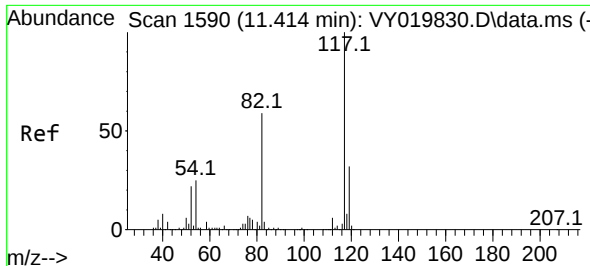
Tgt Ion: 98 Resp: 25117
Ion Ratio Lower Upper
98 100
100 67.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 21.590 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

Tgt Ion: 95 Resp: 4382
Ion Ratio Lower Upper
95 100
174 70.9 0.0 148.0
176 66.2 0.0 142.4

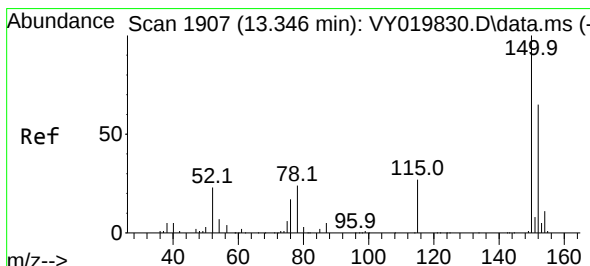
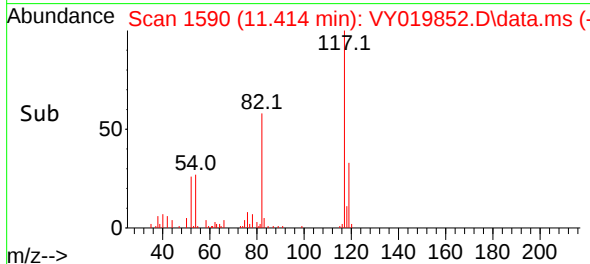
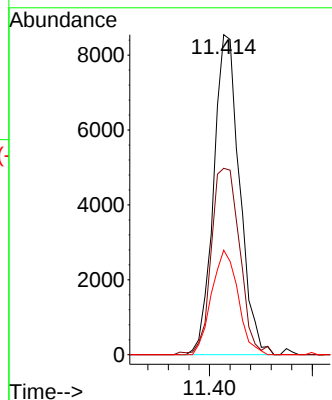
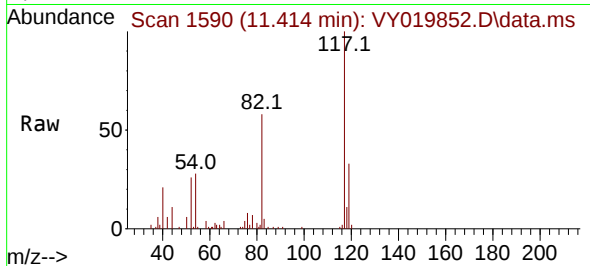




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.25-4.83

Tgt Ion:	117	Resp:	14978
Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.9	70.3
119	32.7	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019852.D
Acq: 10 Oct 2024 14:30

Tgt Ion:	152	Resp:	1653
Ion	Ratio	Lower	Upper
152	100		
115	67.9	30.8	92.3
150	197.9	0.0	352.8

