

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019958.D
 Acq On : 21 Oct 2024 12:50
 Operator : SY/MD
 Sample : P4443-02
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OG-315-HR-502-VOC-29

Quant Time: Oct 21 23:30:51 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	216896	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	446253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149122	55.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.680%	
35) Dibromofluoromethane	7.634	113	146044	49.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.180%	
50) Toluene-d8	10.103	98	554220	50.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.407	95	162642	41.392	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.780%	

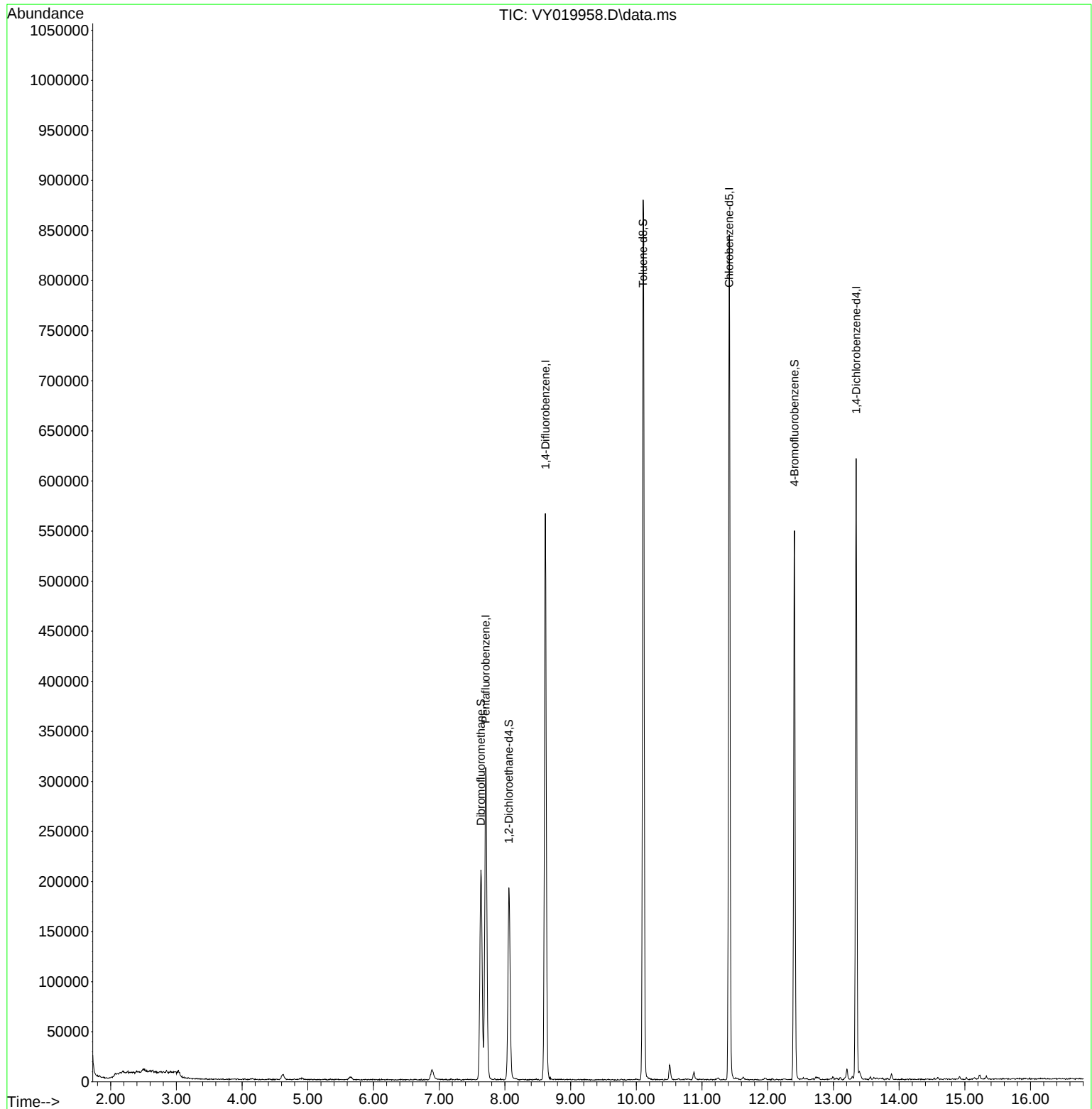
Target Compounds	Qvalue

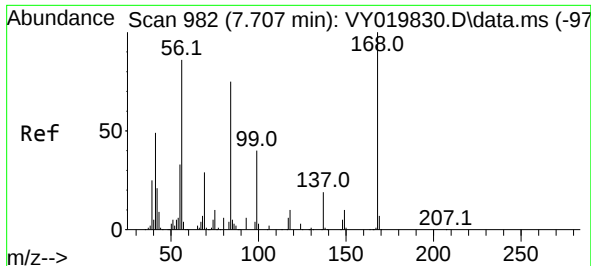
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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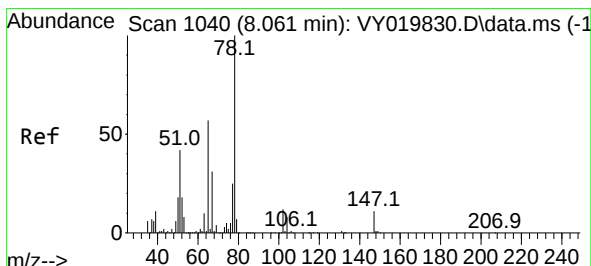
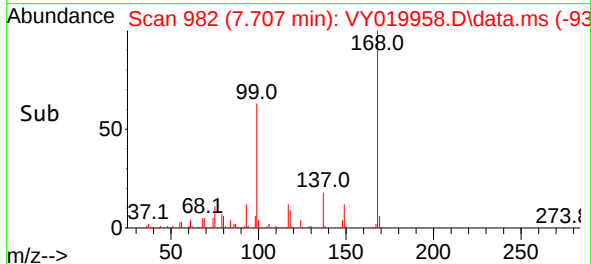
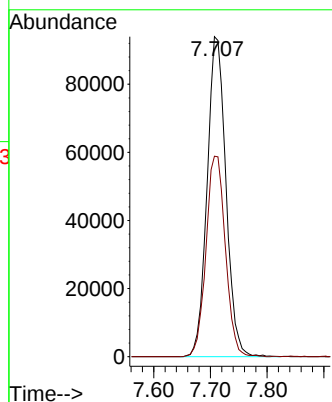
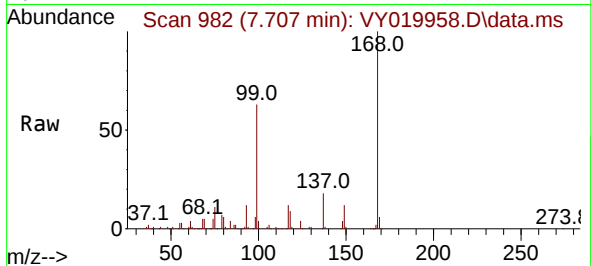




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

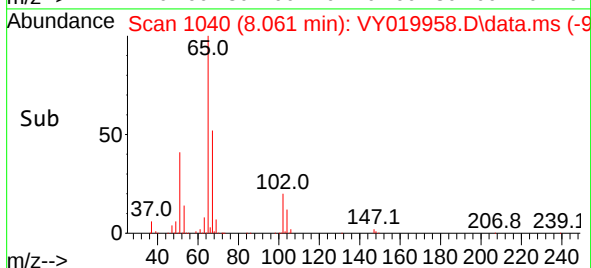
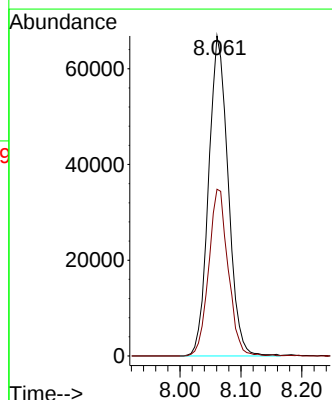
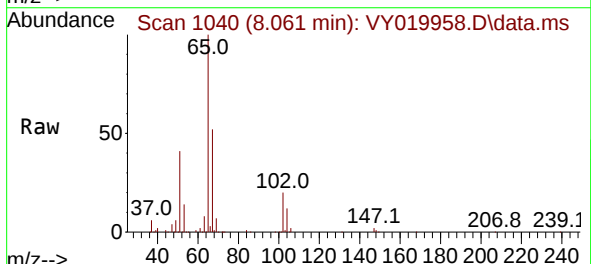
Instrument :
MSVOA_Y
ClientSampleId :
OG-315-HR-502-VOC-29

Tgt Ion:168 Resp: 216896
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.838 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

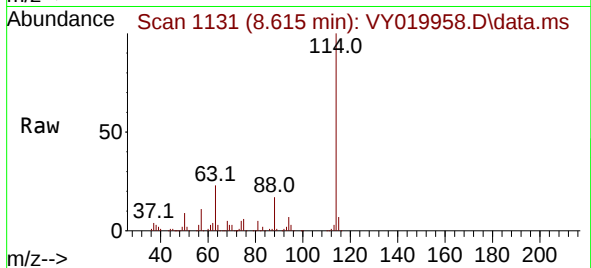
Tgt Ion: 65 Resp: 149122
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6



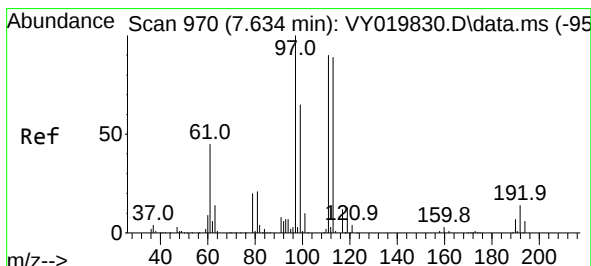
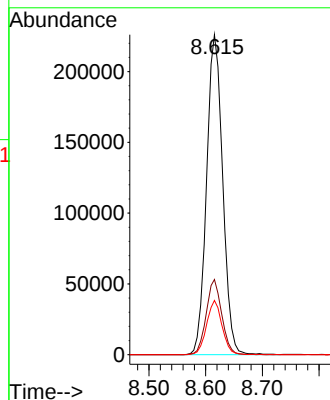
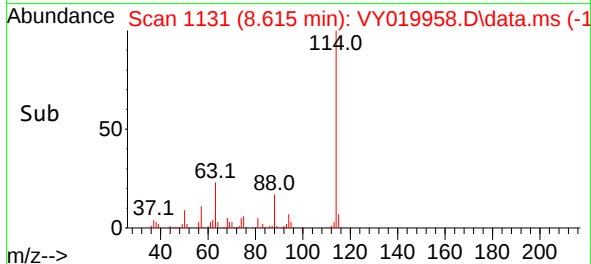


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Instrument :
MSVOA_Y
ClientSampleId :
OG-315-HR-502-VOC-29

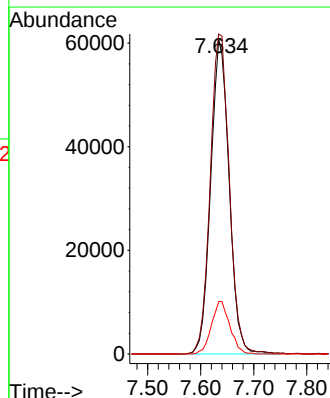
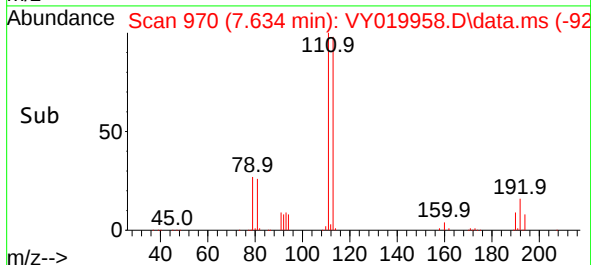
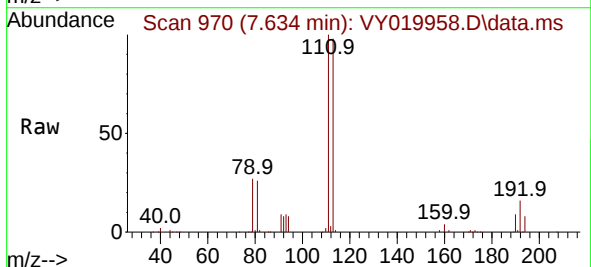


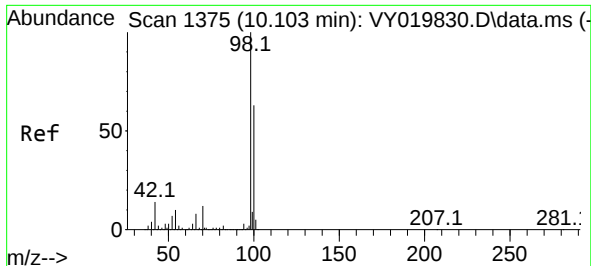
Tgt Ion:	114	Resp:	446253
Ion Ratio	Lower	Upper	
114	100		
63	23.5	0.0	35.0
88	16.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 49.594 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion:	113	Resp:	146044
Ion Ratio	Lower	Upper	
113	100		
111	105.2	82.2	123.4
192	16.6	15.9	23.9

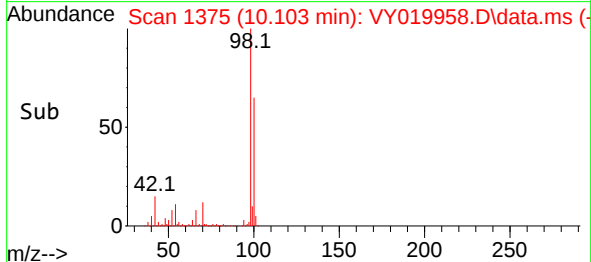
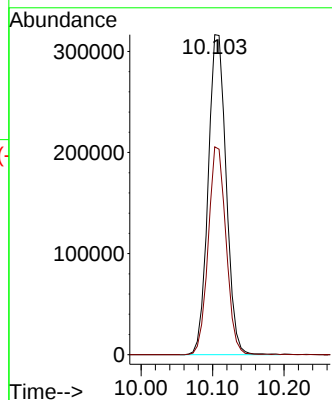
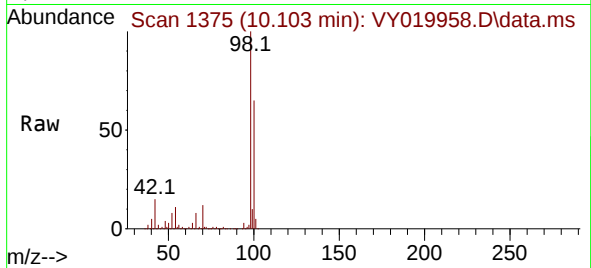




#50
Toluene-d8
Concen: 50.964 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

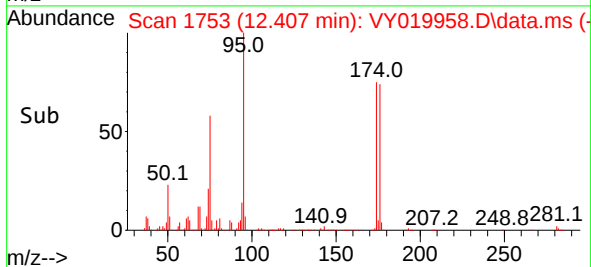
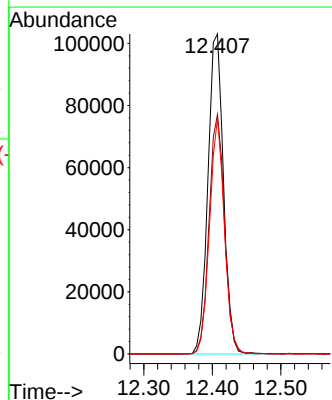
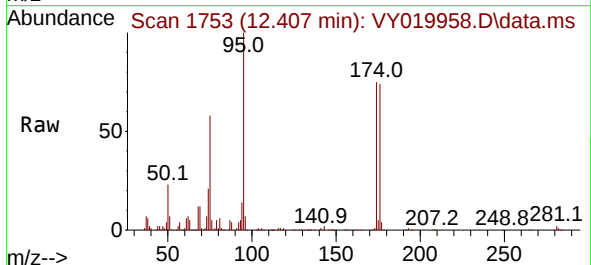
Instrument :
MSVOA_Y
ClientSampleId :
OG-315-HR-502-VOC-29

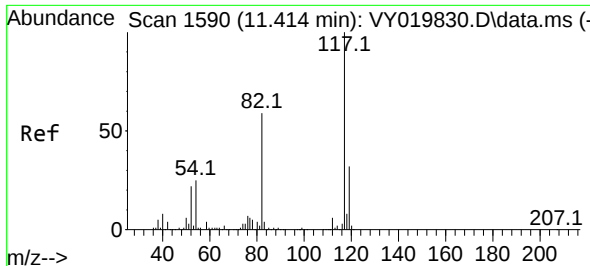
Tgt Ion: 98 Resp: 554220
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.392 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion: 95 Resp: 162642
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 70.2 0.0 171.4

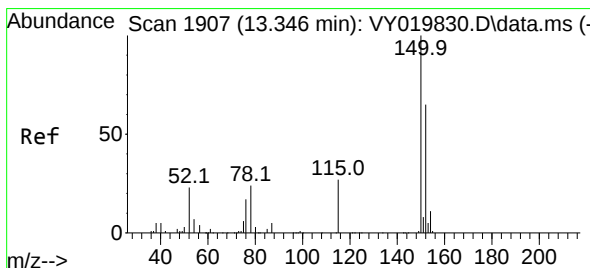
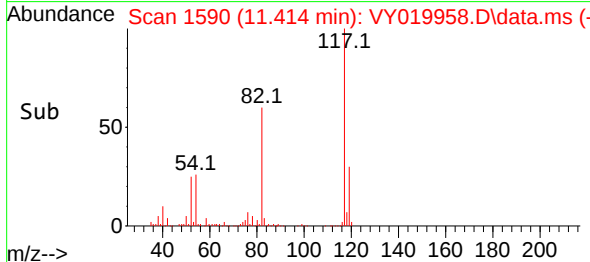
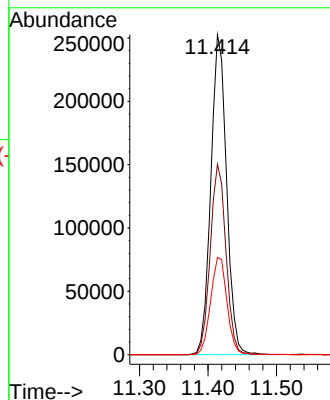
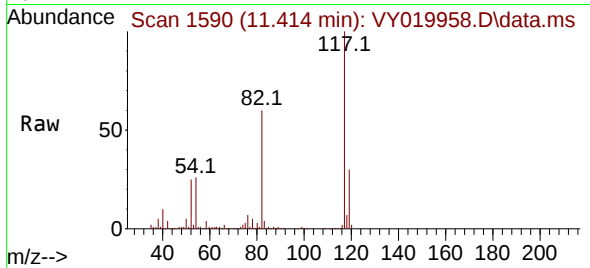




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Instrument :
MSVOA_Y
ClientSampleId :
OG-315-HR-502-VOC-29

Tgt Ion:	117	Resp:	403428
Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.4	63.6
119	30.4	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019958.D
Acq: 21 Oct 2024 12:50

Tgt Ion:	152	Resp:	133778
Ion	Ratio	Lower	Upper
152	100		
115	63.3	28.2	84.7
150	158.1	0.0	345.6

