

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016765.D
 Acq On : 21 Dec 2023 18:34
 Operator : SY/MD
 Sample : 05970-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12202023

Quant Time: Dec 22 00:45:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	6066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	9358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	7052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2165	39.096	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.200%
35) Dibromofluoromethane	7.716	113	2312	43.130	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.260%
50) Toluene-d8	10.191	98	8493	43.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.900%
62) 4-Bromofluorobenzene	12.495	95	1438	22.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.880%

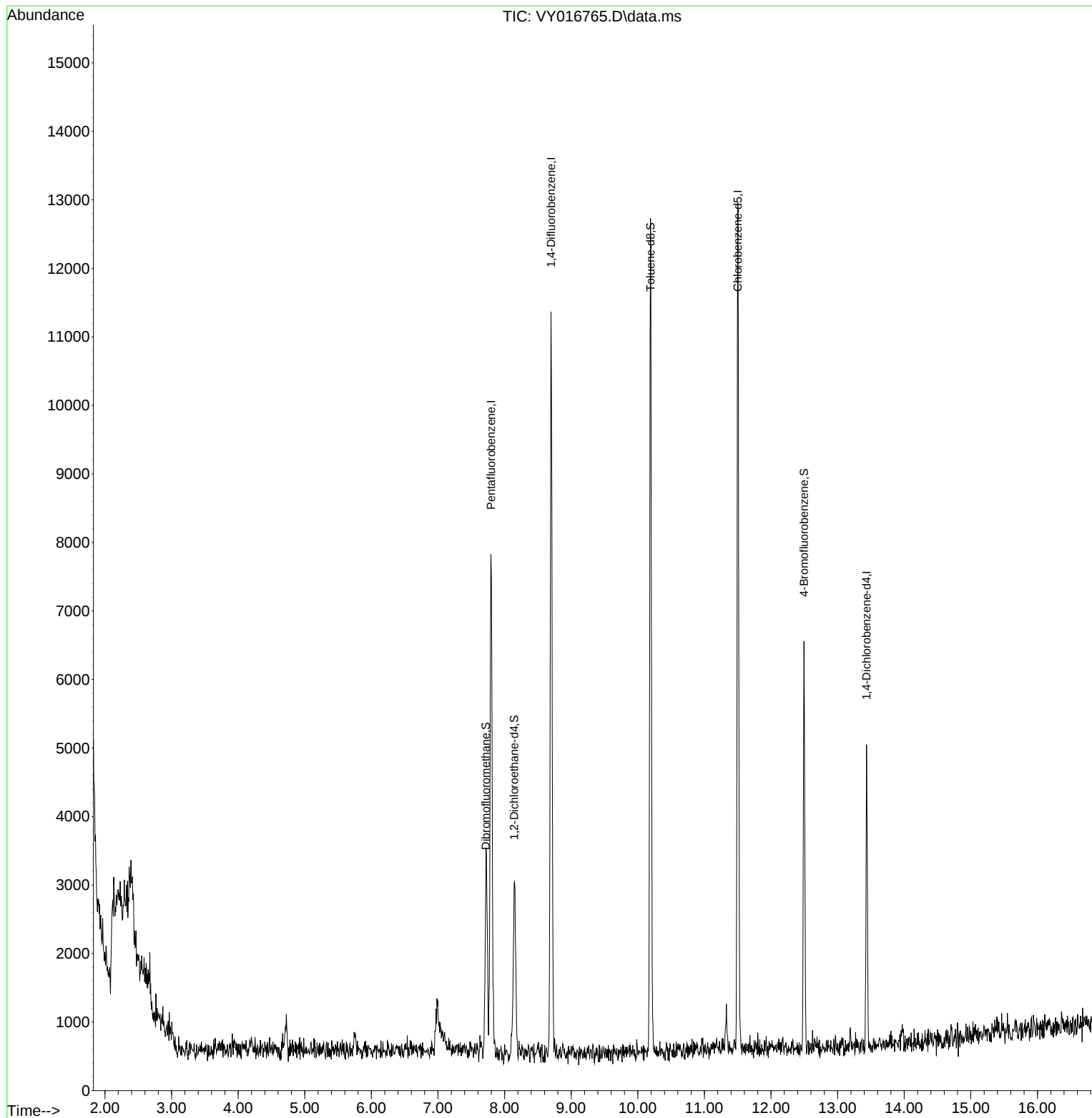
Target Compounds	Qvalue

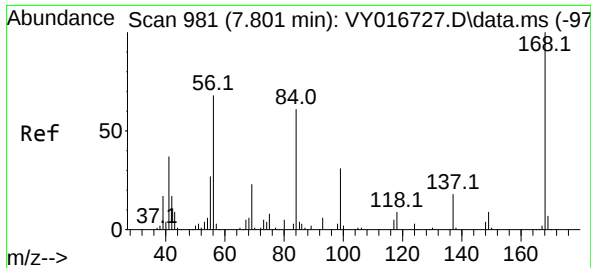
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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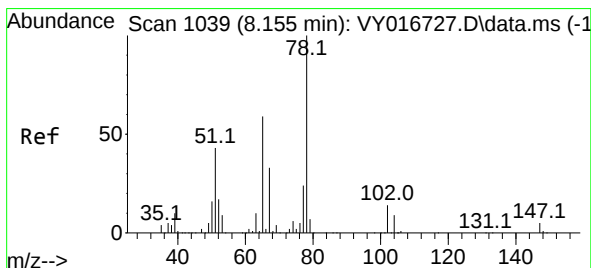
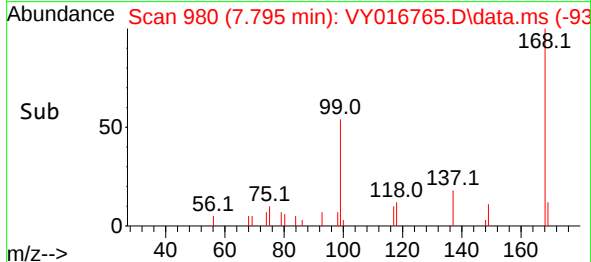
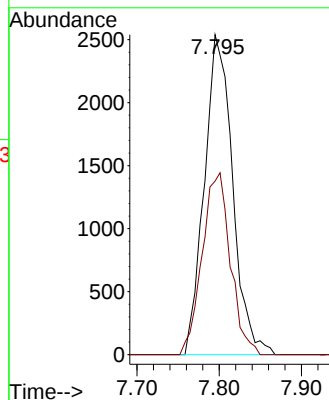
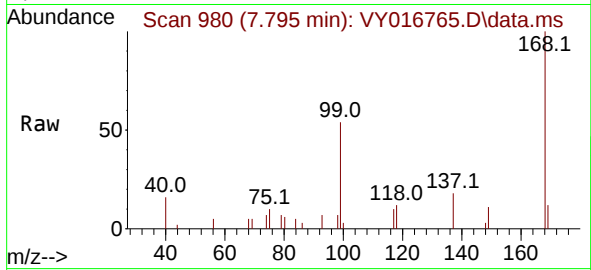




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

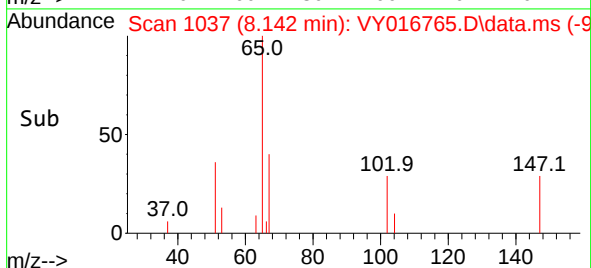
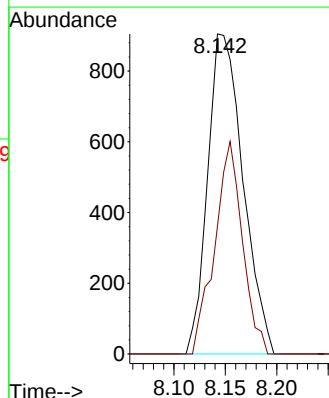
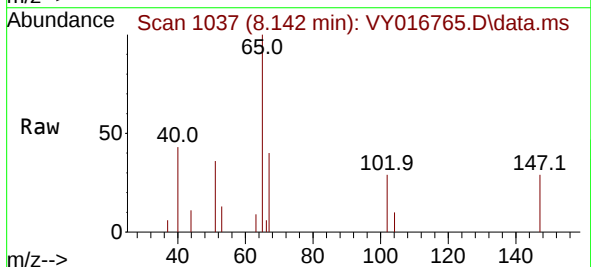
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12202023

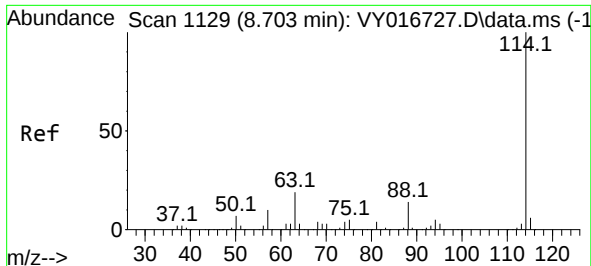
Tgt Ion:168 Resp: 6066
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 39.096 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

Tgt Ion: 65 Resp: 2165
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.0

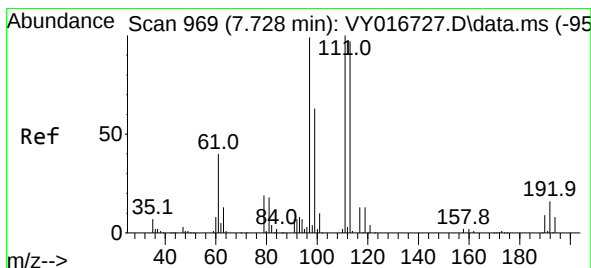
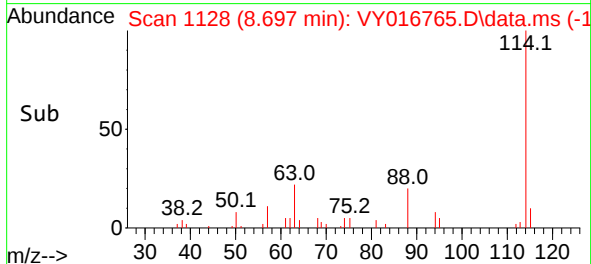
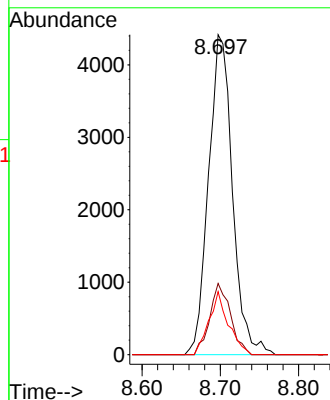
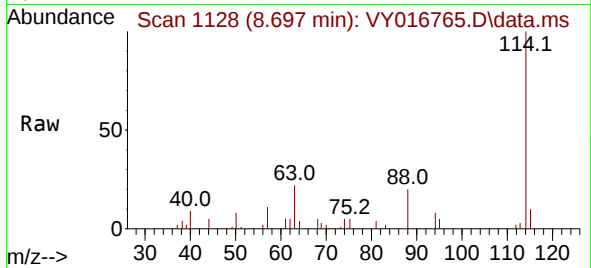




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

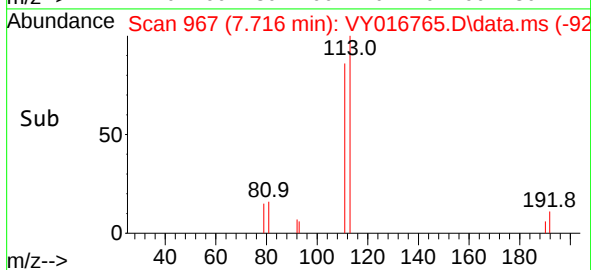
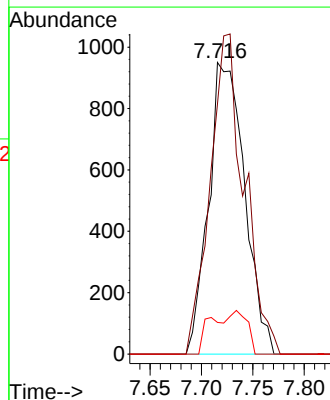
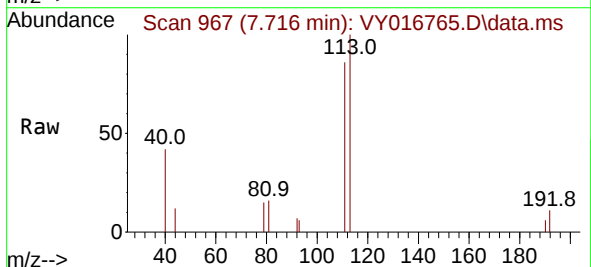
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12202023

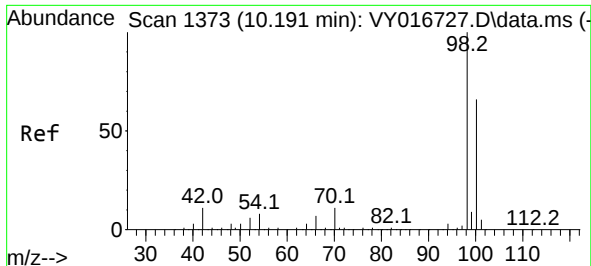
Tgt Ion:114 Resp: 9358
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.4
88 19.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 43.130 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

Tgt Ion:113 Resp: 2312
Ion Ratio Lower Upper
113 100
111 0.0 83.8 125.6#
192 6.9 14.5 21.7#

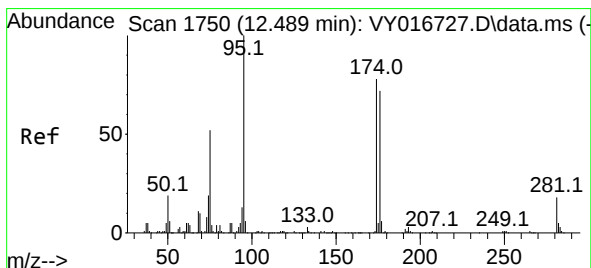
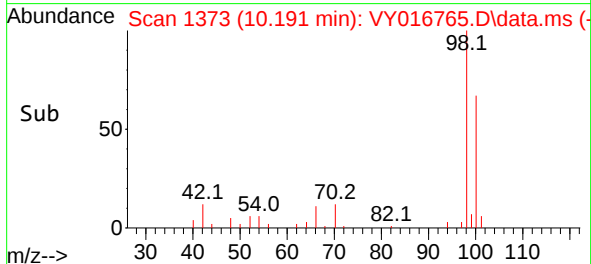
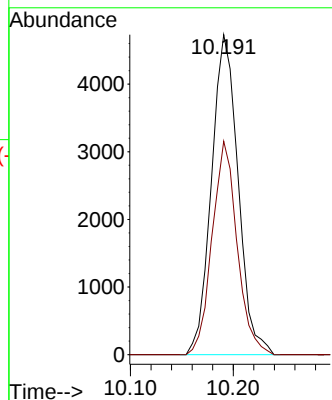
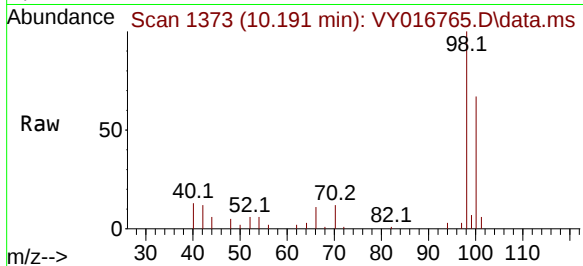




#50
Toluene-d8
Concen: 43.951 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

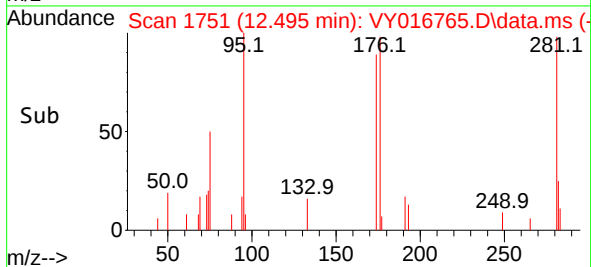
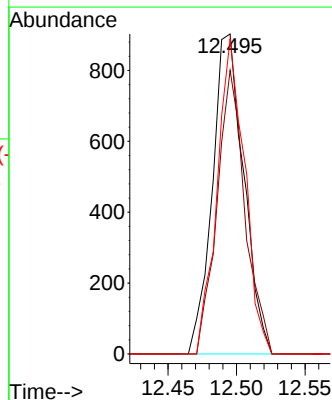
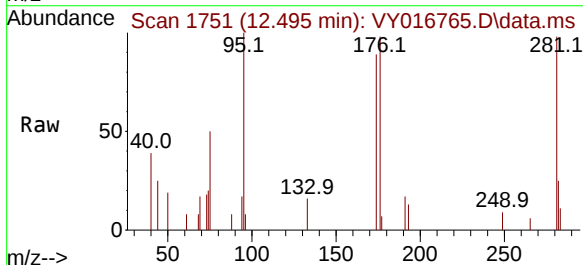
Instrument :
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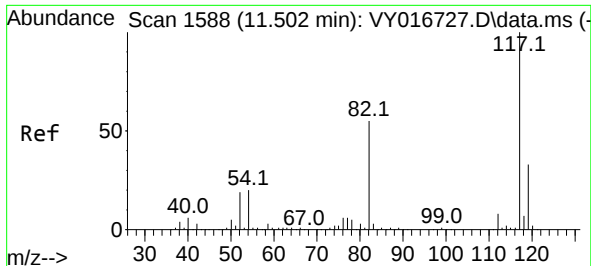
Tgt Ion: 98 Resp: 8493
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 22.937 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

Tgt Ion: 95 Resp: 1438
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 86.5 0.0 151.8

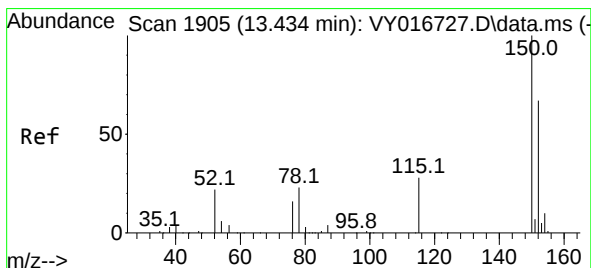
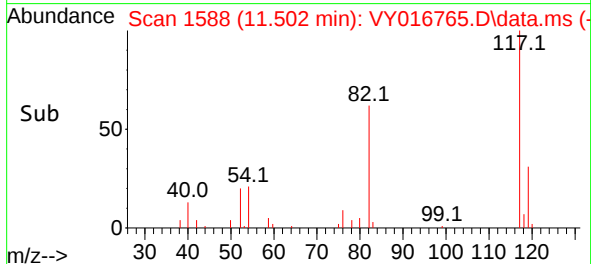
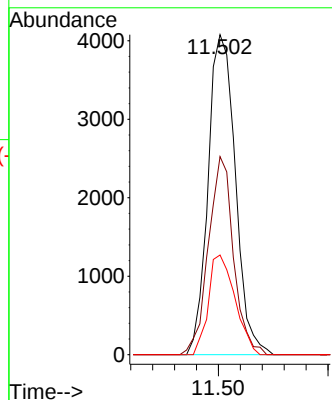
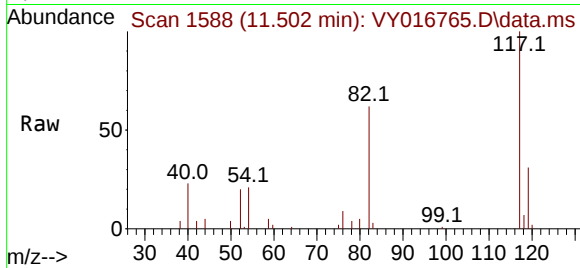




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12202023

Tgt Ion:117	Resp:	7052
Ion	Ratio	Lower Upper
117	100	
82	61.9	43.8 65.8
119	31.1	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016765.D
Acq: 21 Dec 2023 18:34

Tgt Ion:152	Resp:	1353
Ion	Ratio	Lower Upper
152	100	
115	61.7	30.0 90.0
150	142.9	0.0 344.6

