

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016504.D
 Acq On : 27 Nov 2023 13:04
 Operator : SY/MD
 Sample : 05519-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-112123RE

Quant Time: Nov 28 00:15:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	3129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	5226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	5139	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	1836	64.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.400%
35) Dibromofluoromethane	7.734	113	1182	39.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.640%
50) Toluene-d8	10.191	98	6030	50.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.495	95	1836	46.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.920%

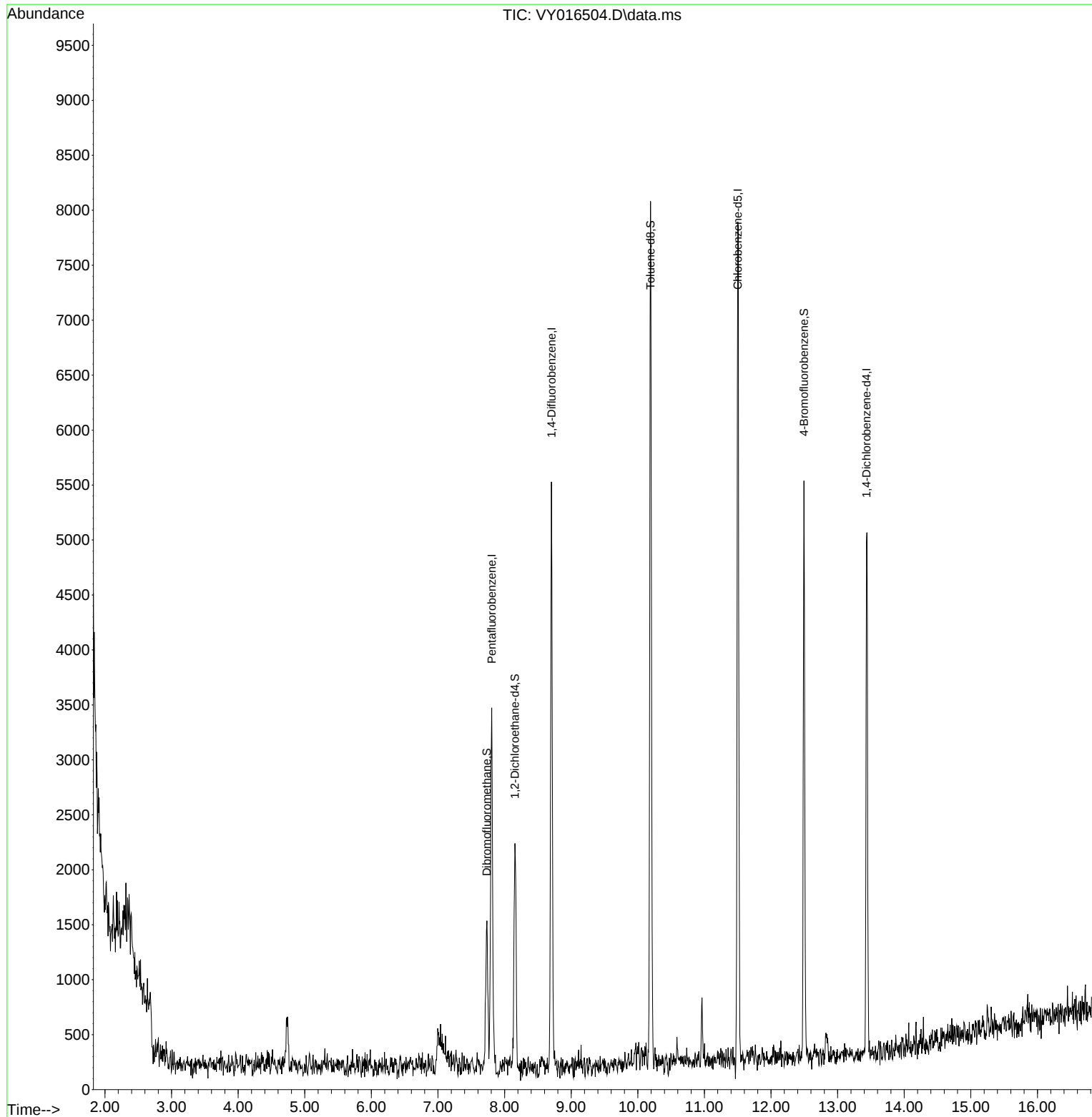
Target Compounds	Qvalue

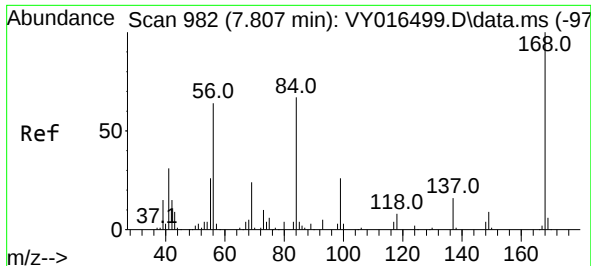
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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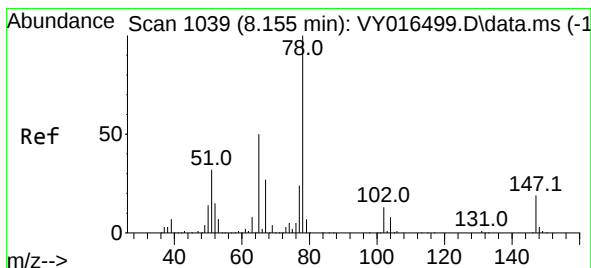
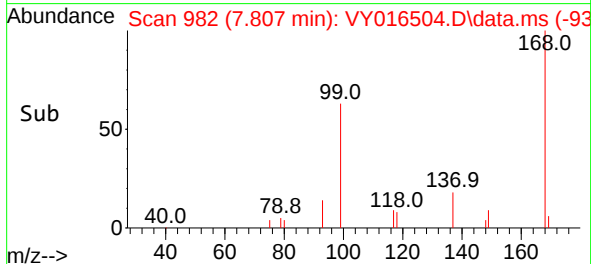
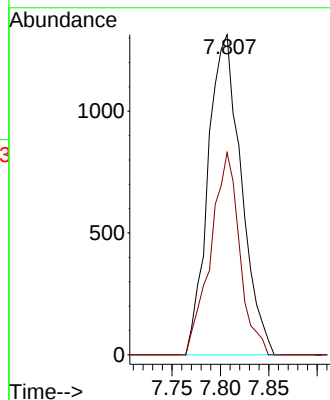
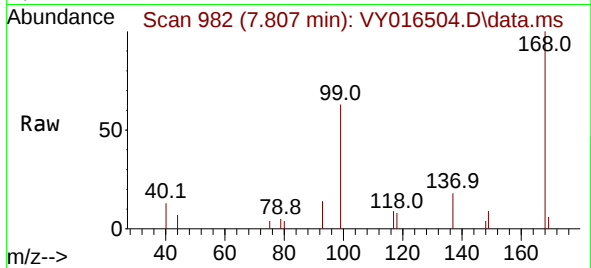




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

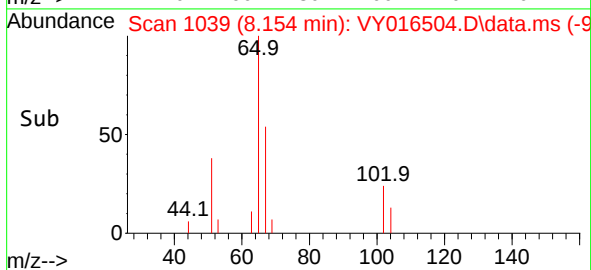
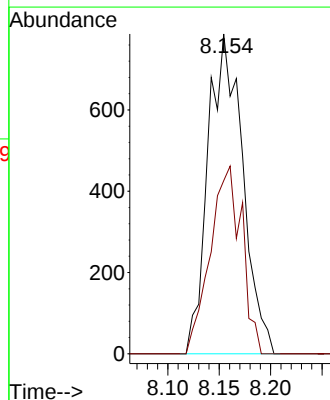
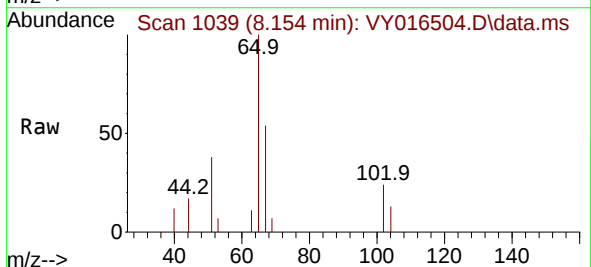
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112123RE

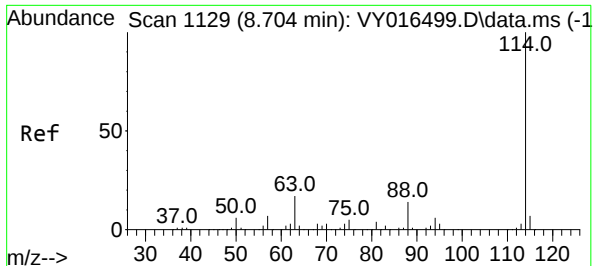
Tgt Ion:168 Resp: 3129
Ion Ratio Lower Upper
168 100
99 63.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 64.201 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 65 Resp: 1836
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY016504.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-112123RE

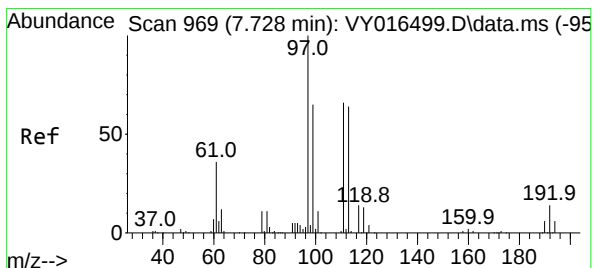
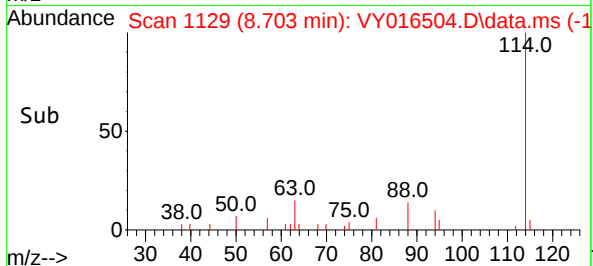
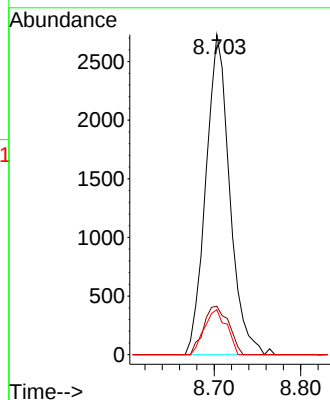
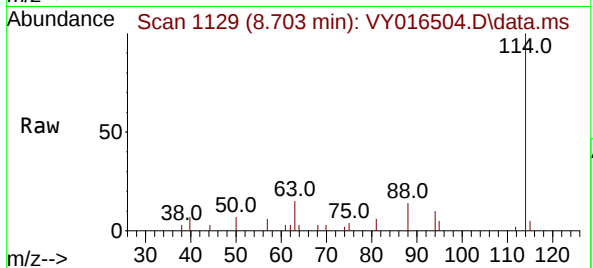
Tgt Ion:114 Resp: 5226

Ion Ratio Lower Upper

114 100

63 15.1 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 39.815 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016504.D

Acq: 27 Nov 2023 13:04

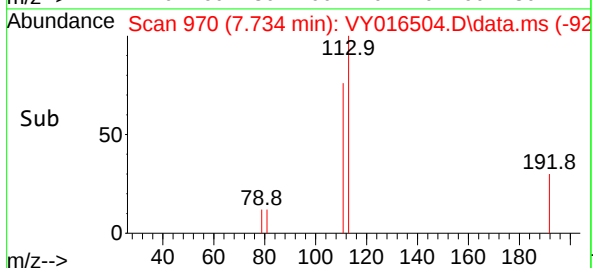
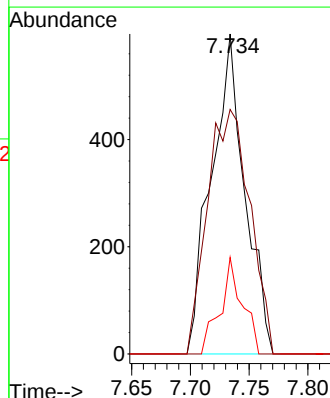
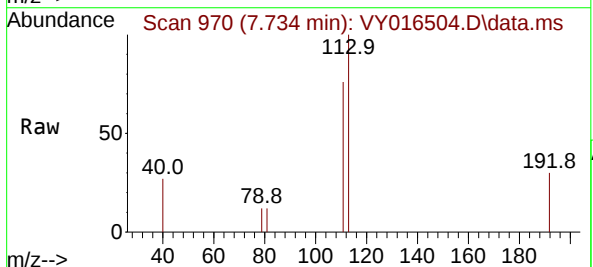
Tgt Ion:113 Resp: 1182

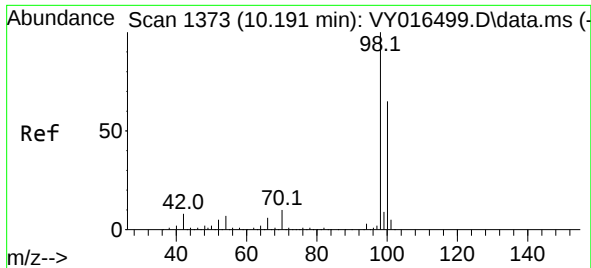
Ion Ratio Lower Upper

113 100

111 97.3 81.3 121.9

192 20.1 16.9 25.3

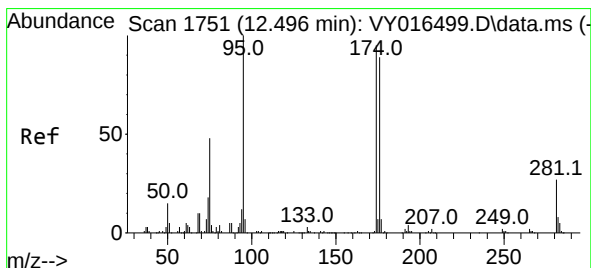
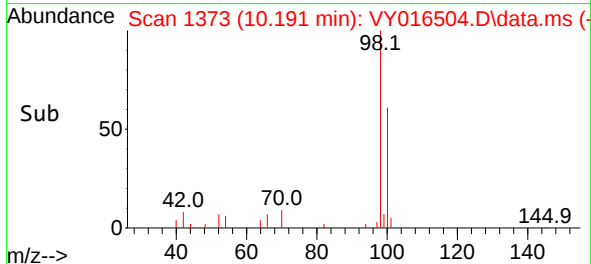
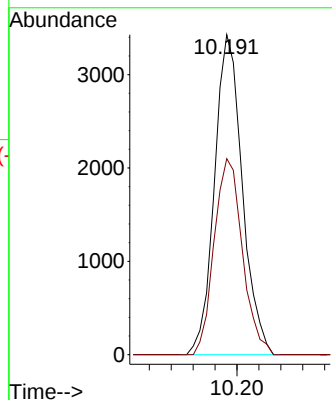
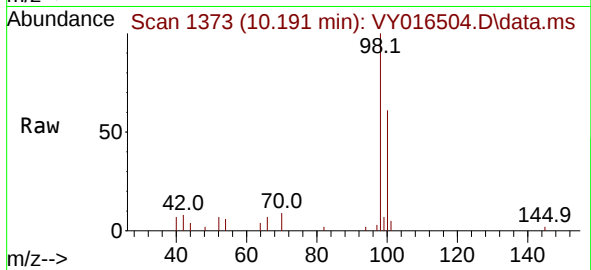




#50
Toluene-d8
Concen: 50.089 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

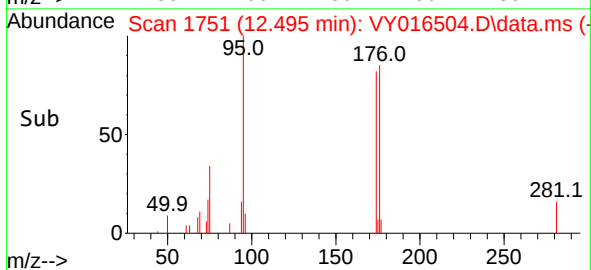
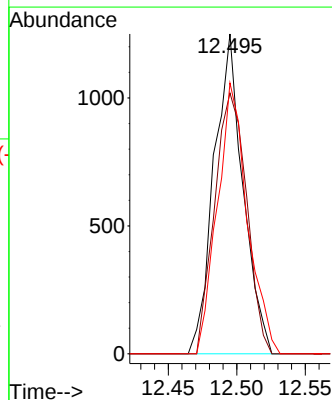
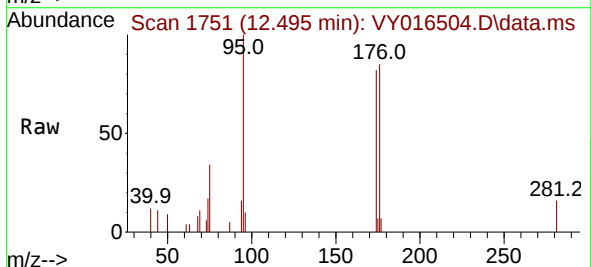
Instrument :
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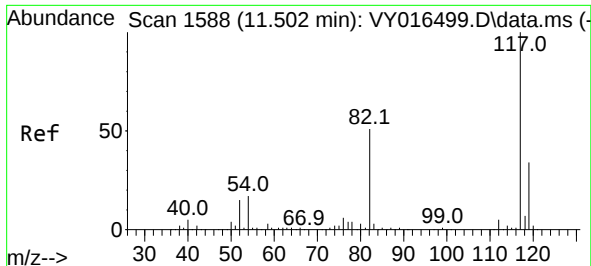
Tgt Ion: 98 Resp: 6030
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.957 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 95 Resp: 1836
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 87.7 0.0 173.8

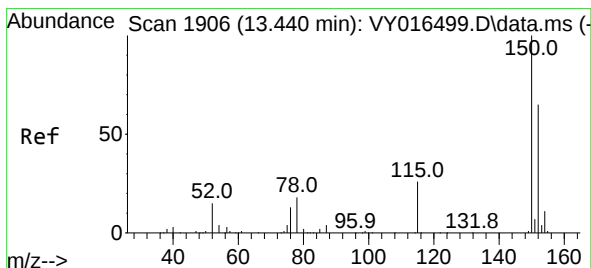
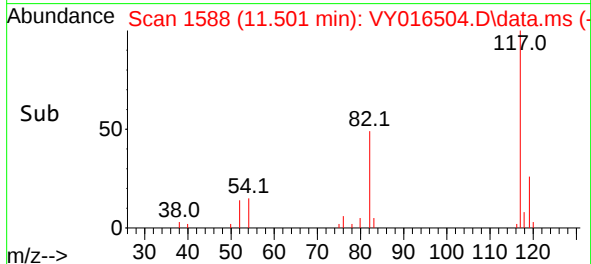
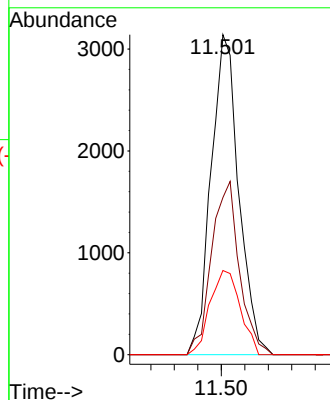
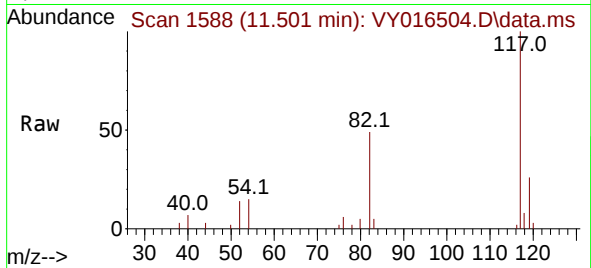




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112123RE

Tgt Ion:117 Resp: 5139
Ion Ratio Lower Upper
117 100
82 49.1 43.4 65.0
119 26.3 26.3 39.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.001 min
Lab File: VY016504.D
Acq: 27 Nov 2023 13:04

Tgt Ion:152 Resp: 1573
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 163.9 0.0 348.8

