

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015234.D
 Acq On : 22 Aug 2023 11:04
 Operator : SY/MD
 Sample : VY0822SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBL01

Quant Time: Aug 22 14:26:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	140117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87615	52.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.180%
35) Dibromofluoromethane	7.716	113	70450	48.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.400%
50) Toluene-d8	10.179	98	264432	49.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.483	95	88303	44.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.800%

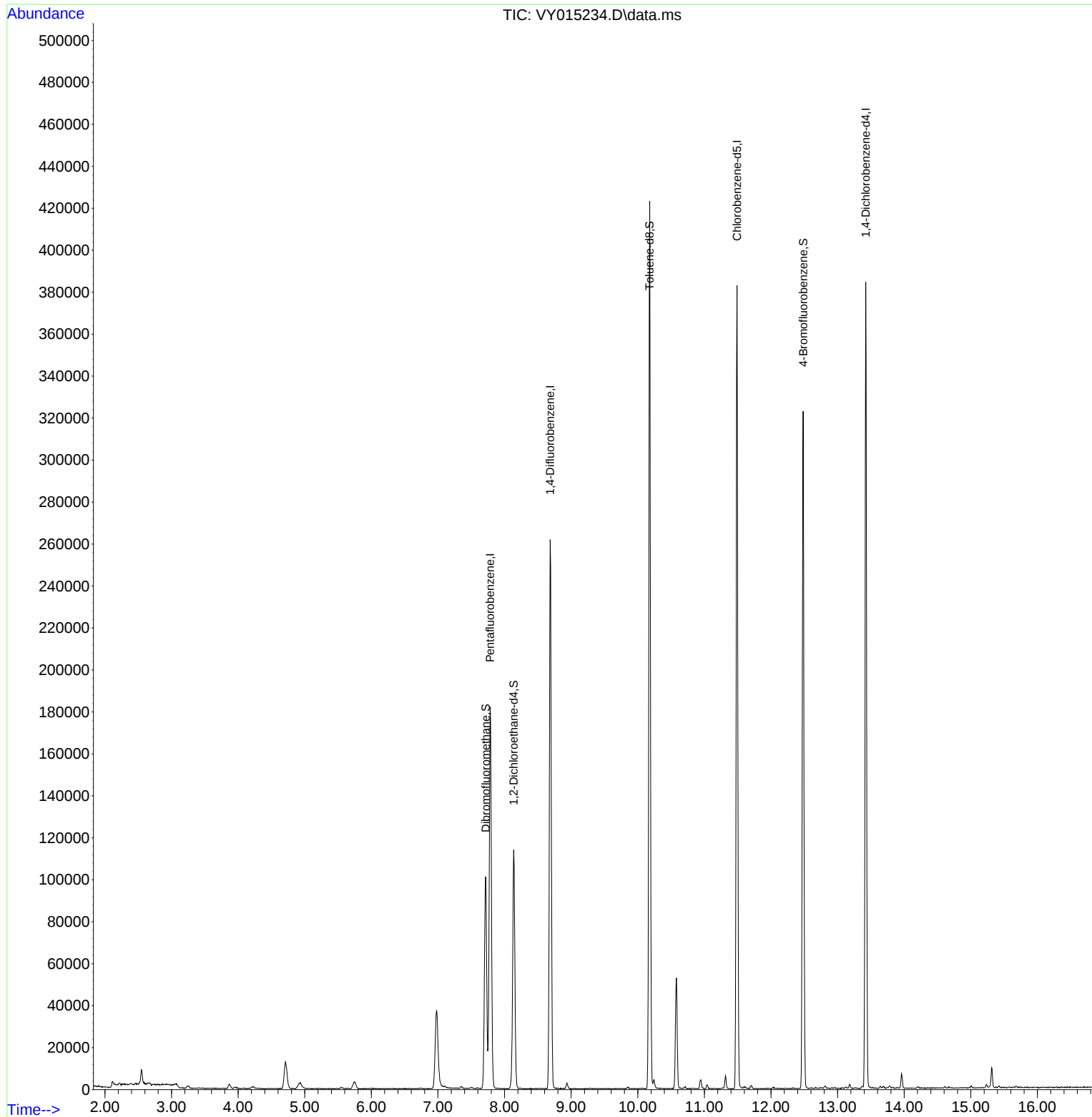
Target Compounds	Qvalue

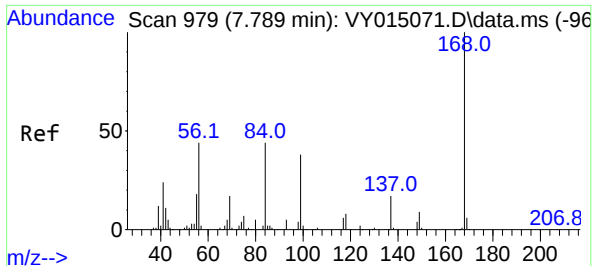
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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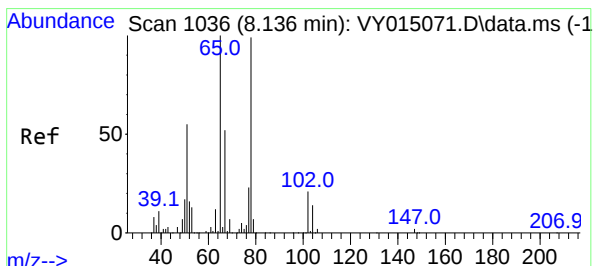
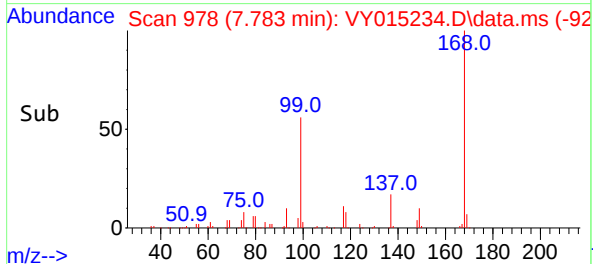
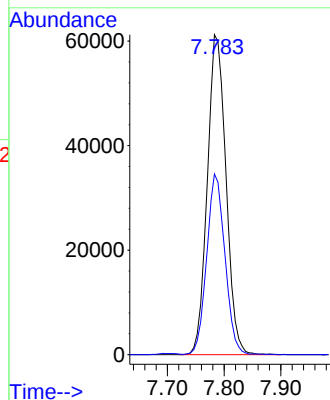
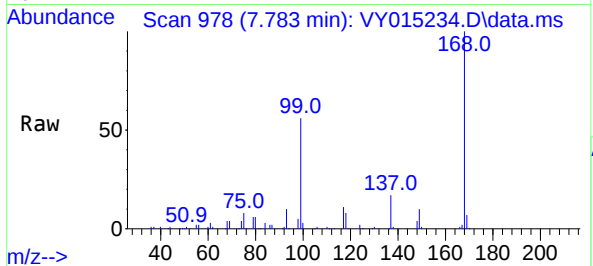




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

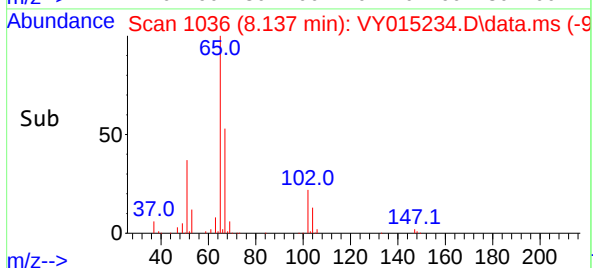
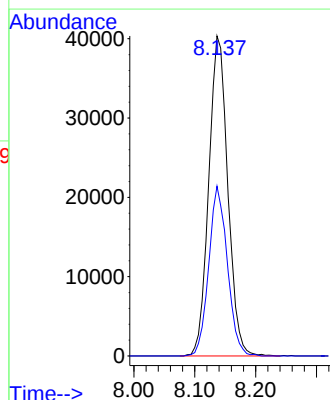
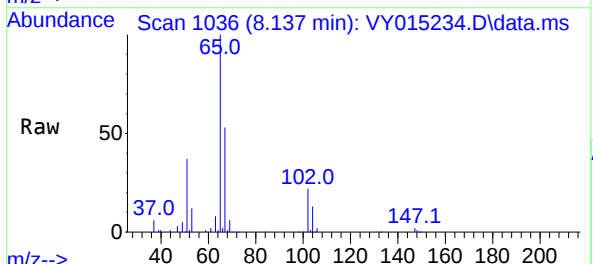
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

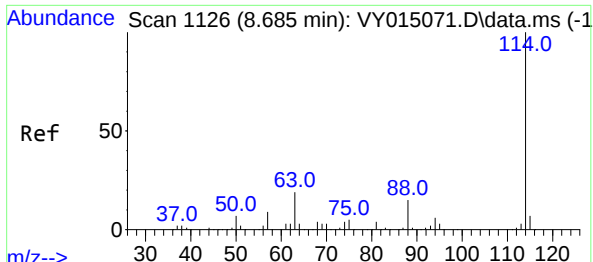
Tgt Ion:168 Resp: 140117
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.091 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 65 Resp: 87615
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

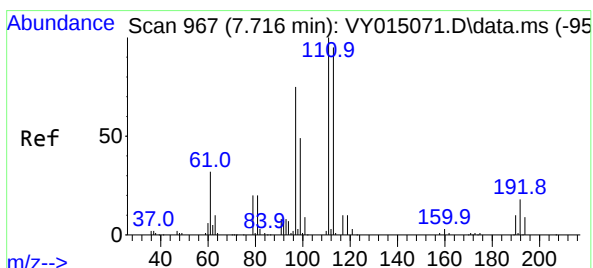
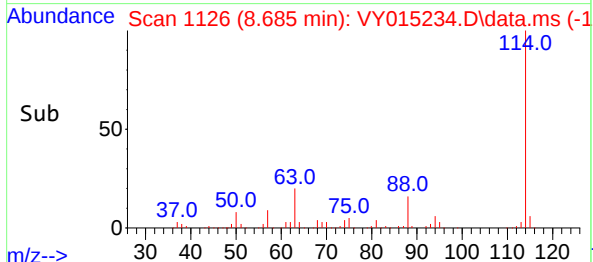
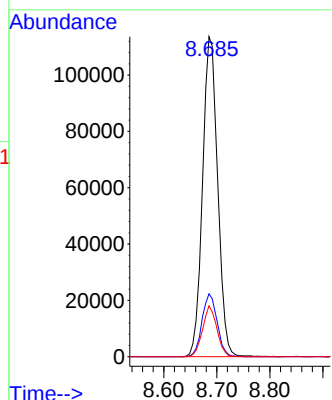
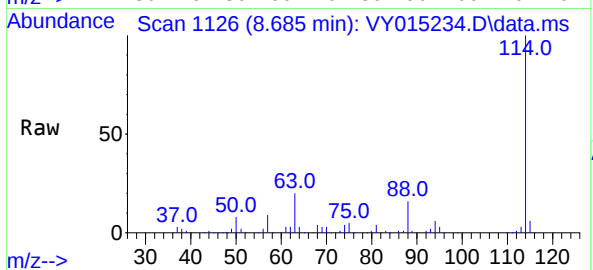




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

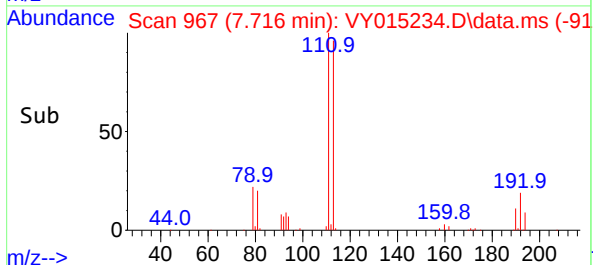
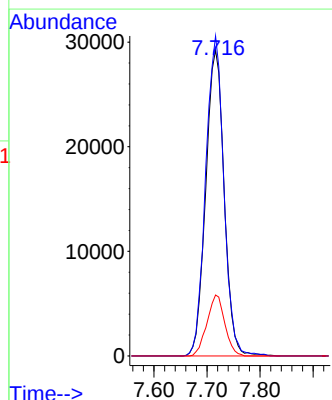
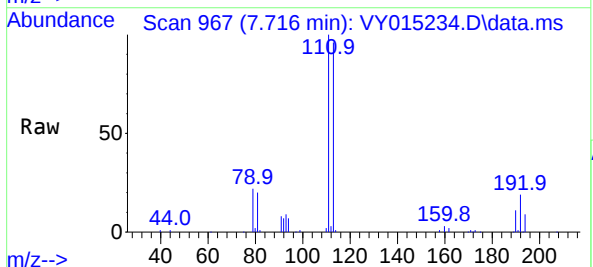
Instrument :
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ClientSampleId :
VY0822SBL01

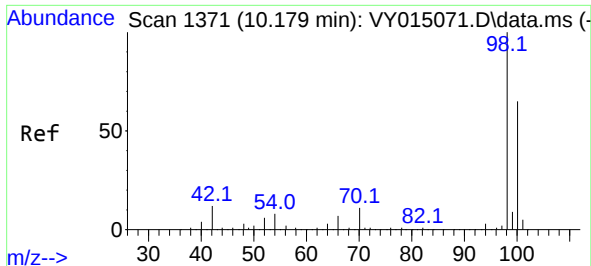
Tgt Ion:114 Resp: 224854
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.702 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion:113 Resp: 70450
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.3 16.9 25.3

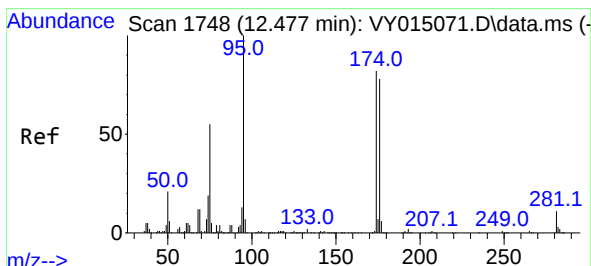
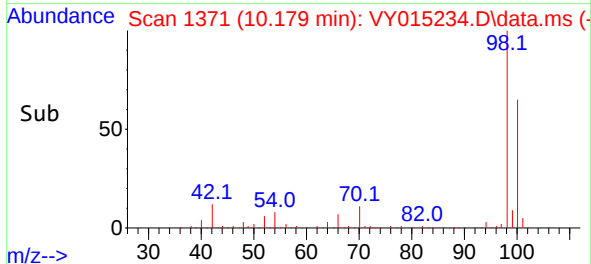
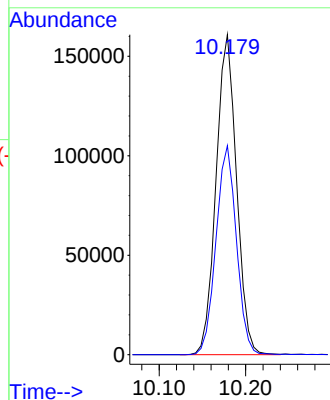
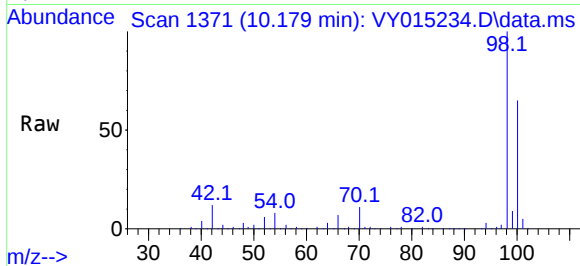




#50
Toluene-d8
Concen: 49.106 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

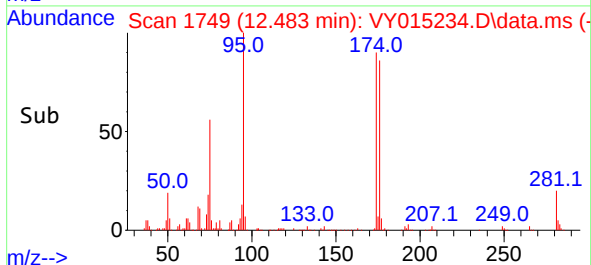
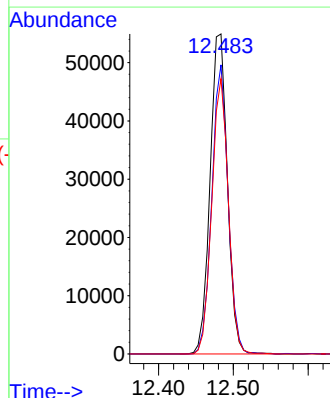
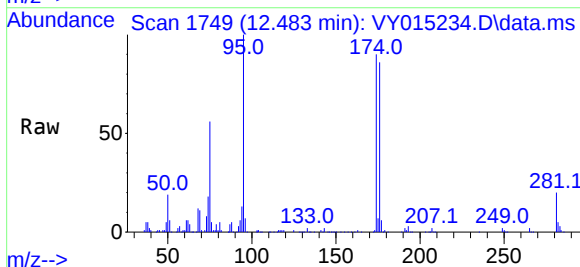
Instrument :
MSVOA_Y
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VY0822SBL01

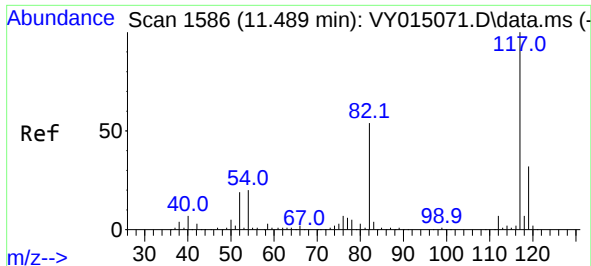
Tgt Ion: 98 Resp: 264432
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 95 Resp: 88303
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.4 0.0 173.8

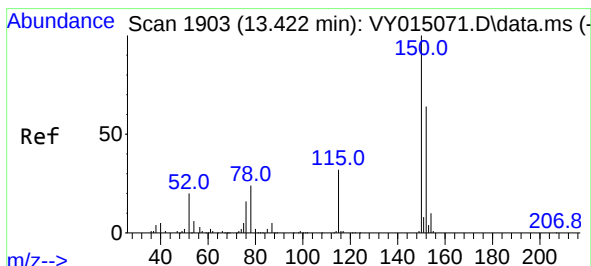
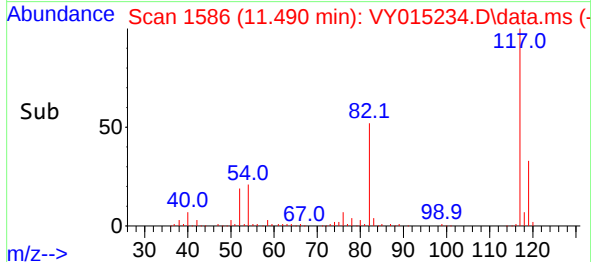
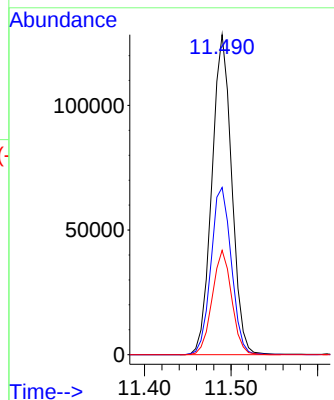
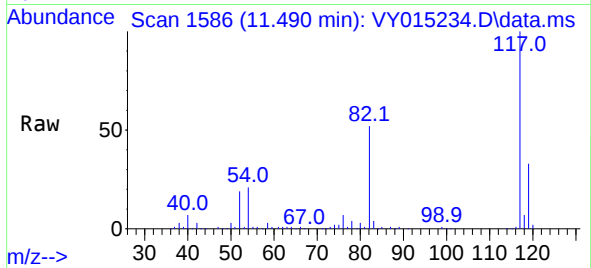




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

Tgt Ion:117 Resp: 204502
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion:152 Resp: 96168
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 158.1 0.0 348.8

