

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015087.D
 Acq On : 14 Aug 2023 18:22
 Operator : SY/MD
 Sample : 03989-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP25

Quant Time: Aug 15 02:23:38 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	18630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	29395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	8091	36.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.360%
35) Dibromofluoromethane	7.710	113	7827	41.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.780%
50) Toluene-d8	10.173	98	33128	47.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.477	95	9156	35.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.220%

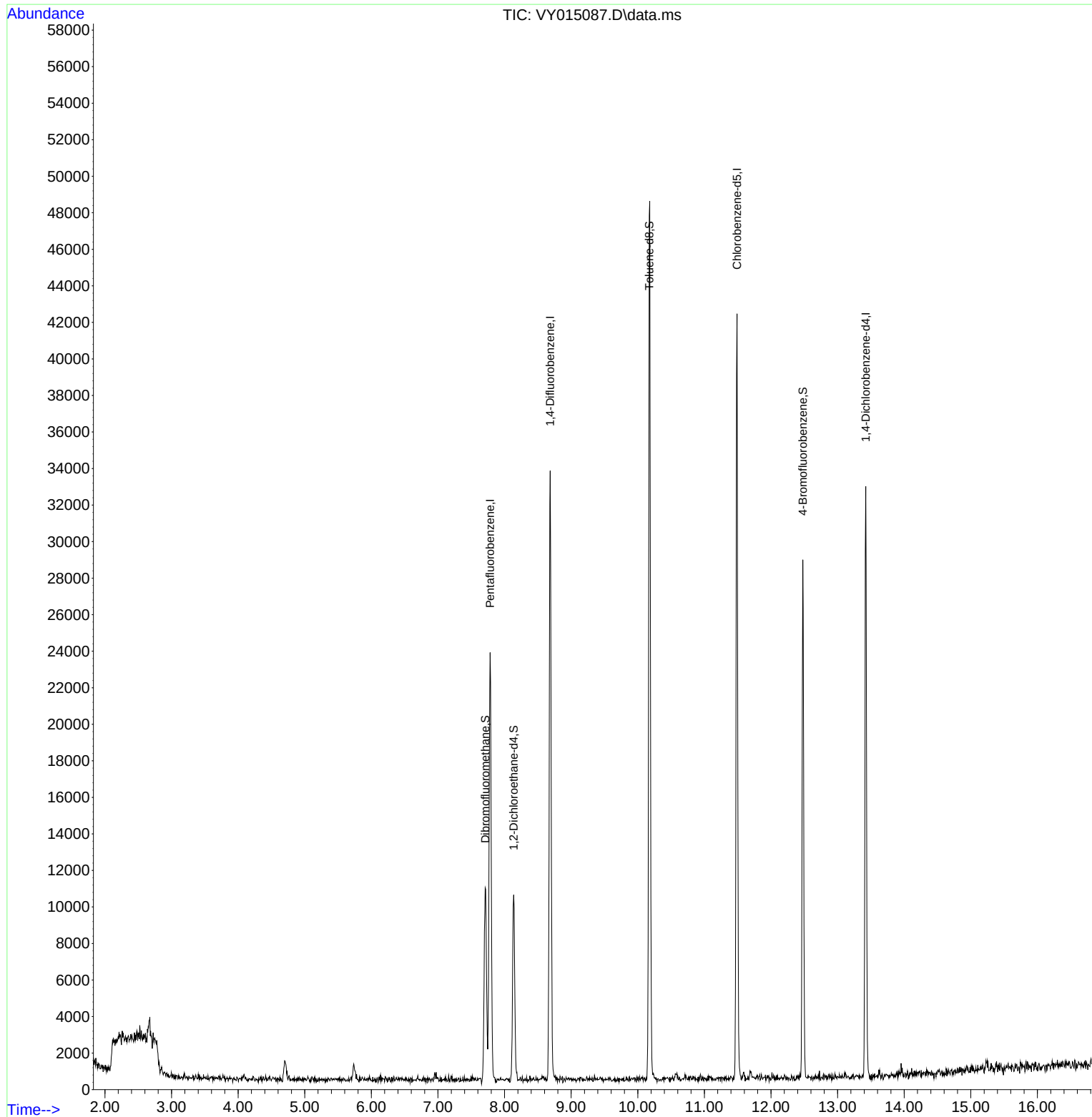
Target Compounds	Qvalue

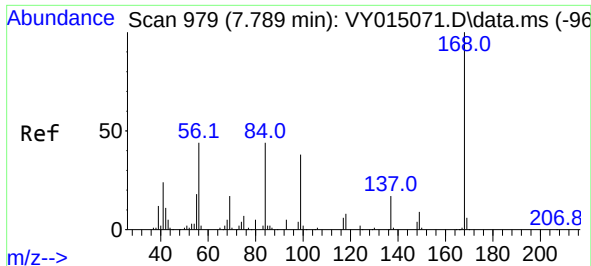
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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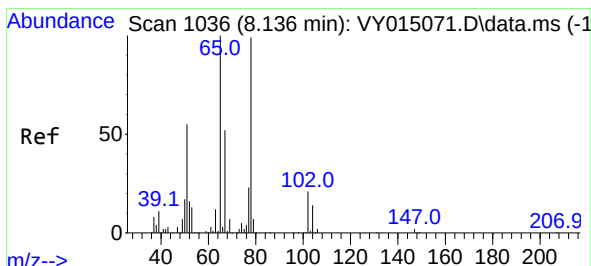
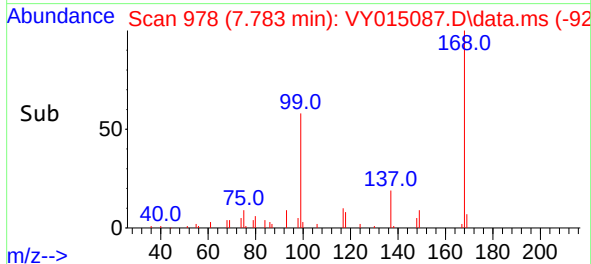
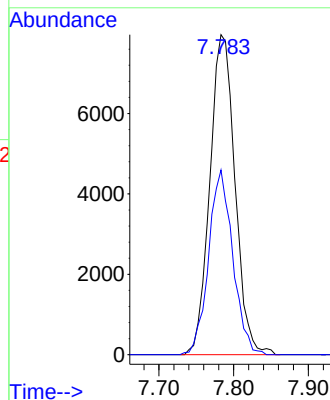
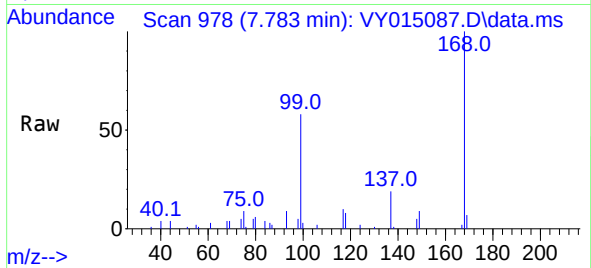




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015087.D
Acq: 14 Aug 2023 18:22

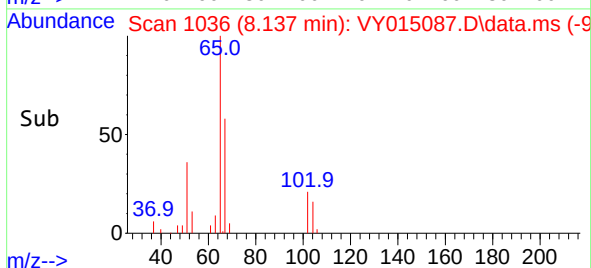
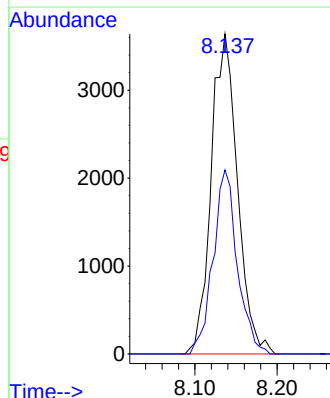
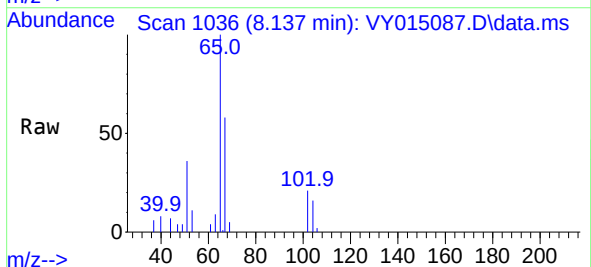
Instrument :
MSVOA_Y
ClientSampleId :
B-PP25

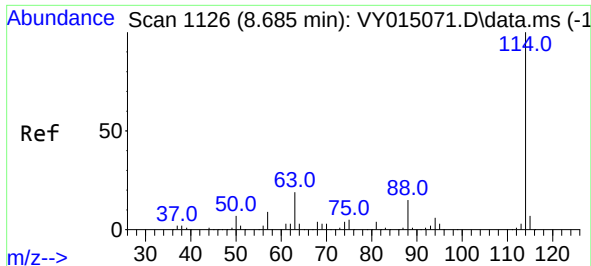
Tgt Ion:168 Resp: 18630
Ion Ratio Lower Upper
168 100
99 57.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 36.179 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015087.D
Acq: 14 Aug 2023 18:22

Tgt Ion: 65 Resp: 8091
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

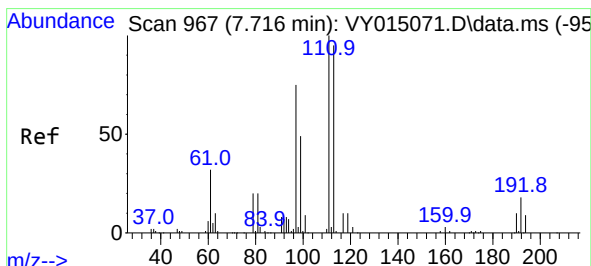
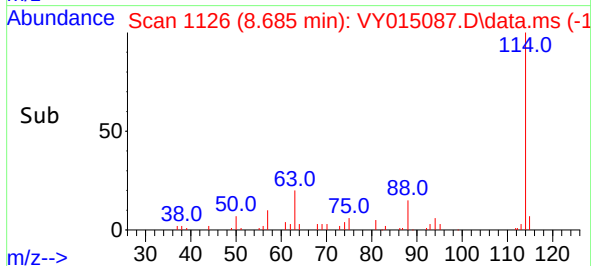
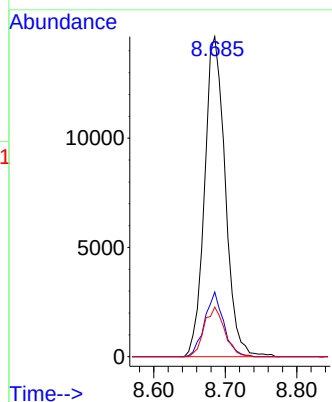
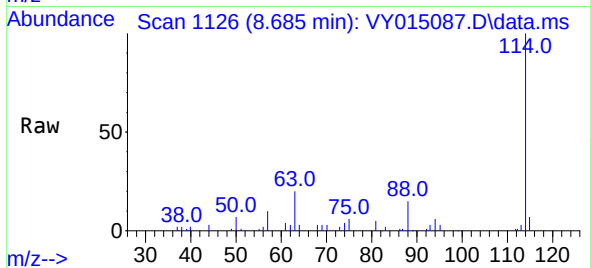




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015087.D
Acq: 14 Aug 2023 18:22

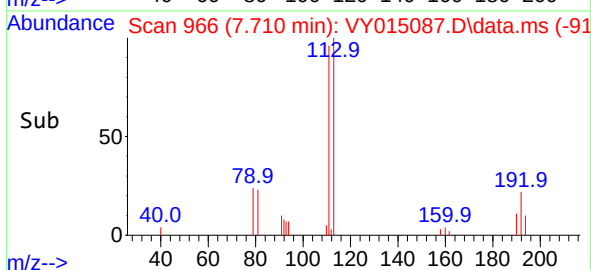
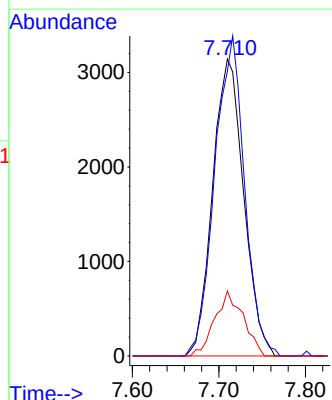
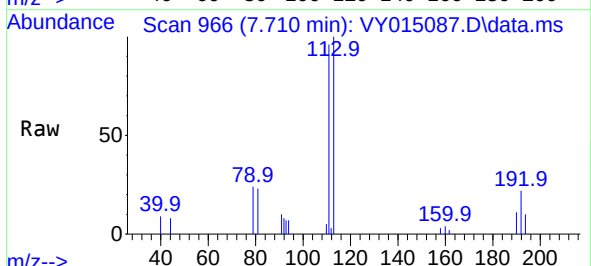
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ClientSampleId :
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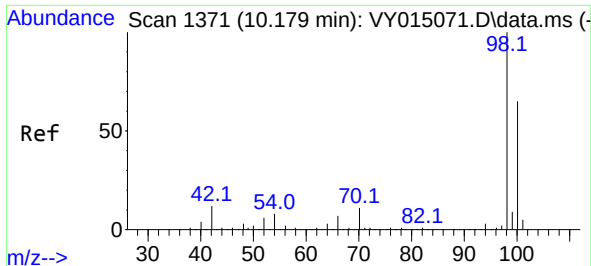
Tgt Ion:114	Resp:	29395
Ion	Ratio	Lower Upper
114	100	
63	20.2	0.0 42.4
88	15.5	0.0 30.6



#35
Dibromofluoromethane
Concen: 41.389 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015087.D
Acq: 14 Aug 2023 18:22

Tgt Ion:113	Resp:	7827
Ion	Ratio	Lower Upper
113	100	
111	103.3	81.3 121.9
192	20.0	16.9 25.3

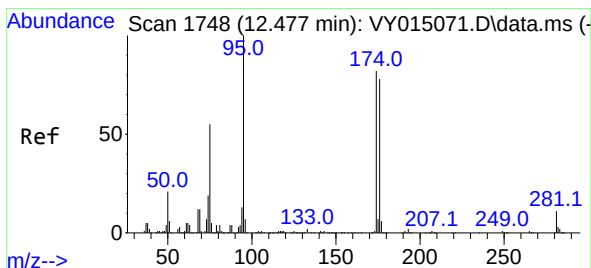
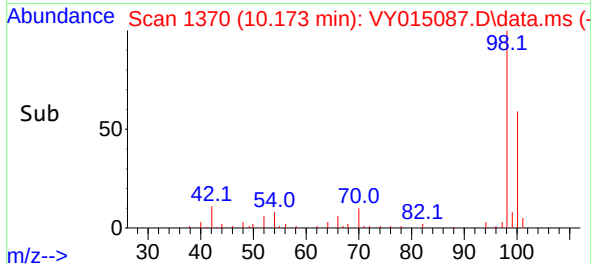
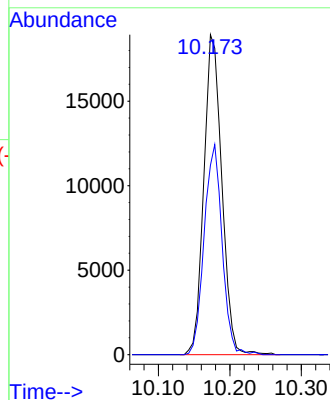
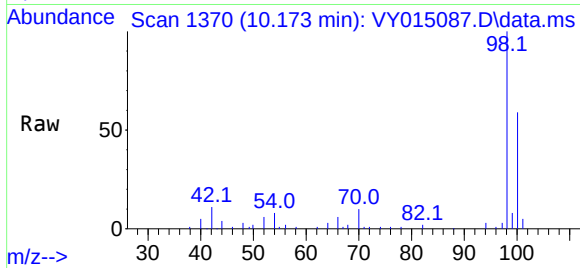




#50
Toluene-d8
Concen: 47.059 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015087.D
Acq: 14 Aug 2023 18:22

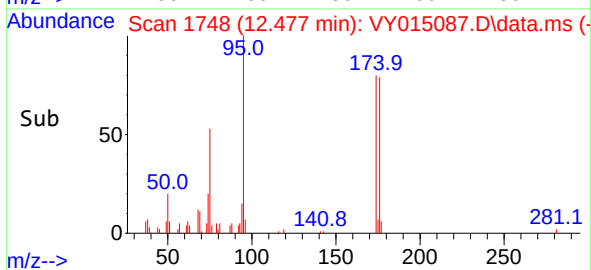
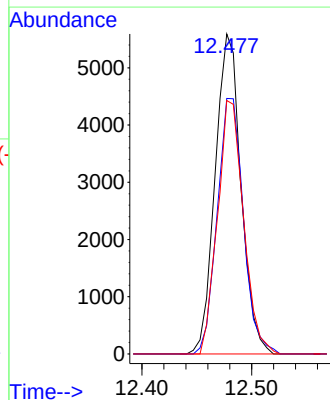
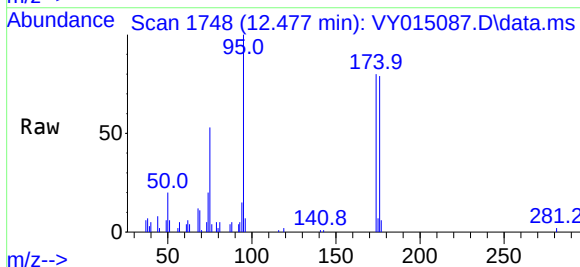
Instrument :
MSVOA_Y
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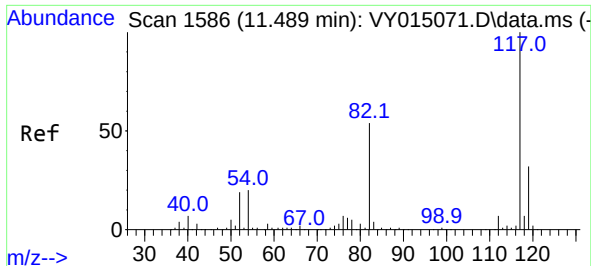
Tgt Ion: 98 Resp: 33128
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.609 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015087.D
Acq: 14 Aug 2023 18:22

Tgt Ion: 95 Resp: 9156
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 79.6 0.0 173.8

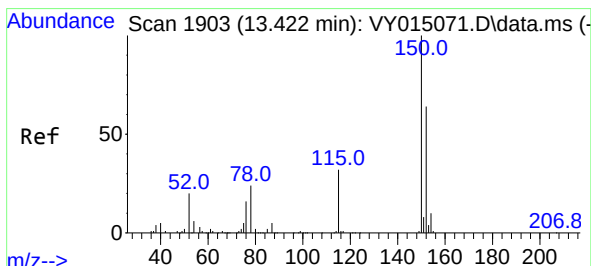
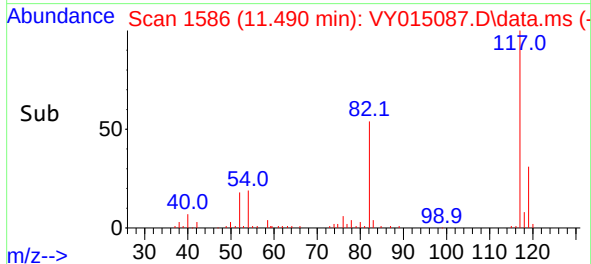
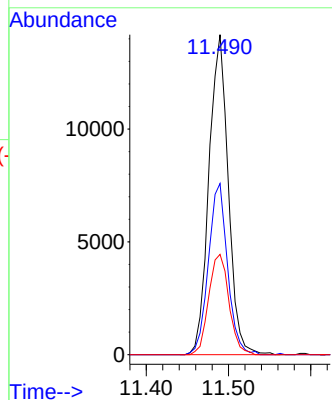
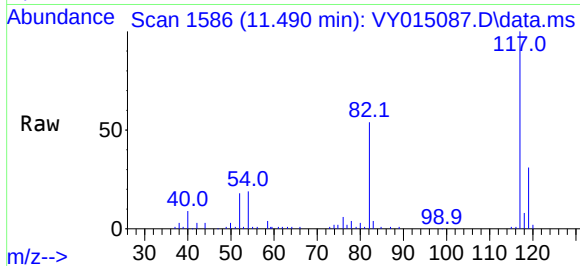




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015087.D
Acq: 14 Aug 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
B-PP25

Tgt Ion:117 Resp: 23143
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.3 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: VY015087.D
Acq: 14 Aug 2023 18:22

Tgt Ion:152 Resp: 8691
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 155.2 0.0 348.8

