

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015123.D
 Acq On : 15 Aug 2023 23:45
 Operator : SY/MD
 Sample : 03956-01
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP22

Quant Time: Aug 16 04:24:53 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)

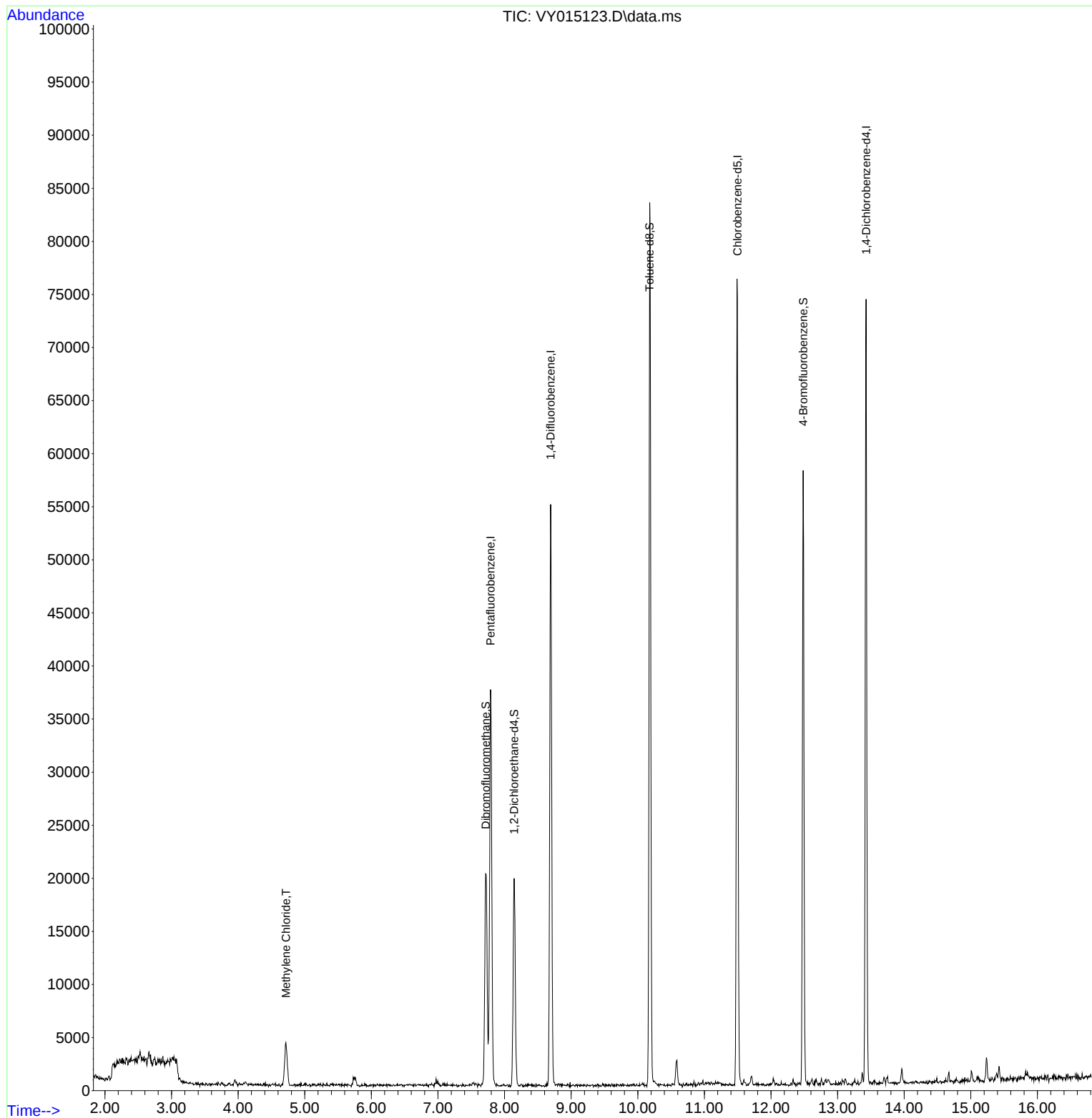
Internal Standards						
1) Pentafluorobenzene	7.789	168	29686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	47672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	43125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	15446	43.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.680%
35) Dibromofluoromethane	7.716	113	14886	48.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.179	98	55535	48.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.483	95	17232	41.324	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.640%
Target Compounds						
20) Methylene Chloride	4.716	84	3089	7.385	ug/l	Qvalue # 77

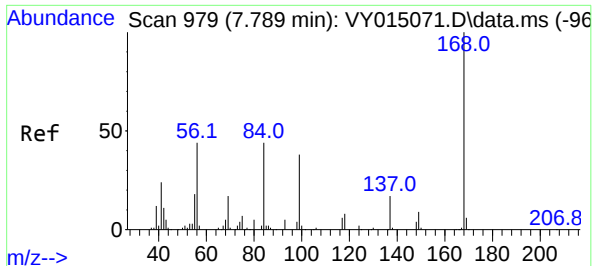
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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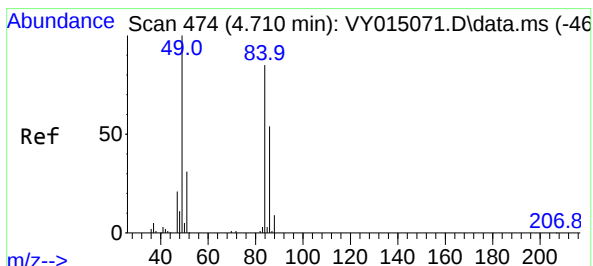
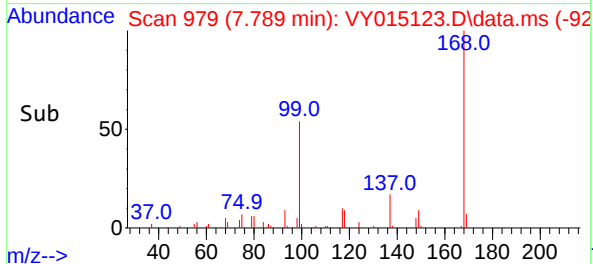
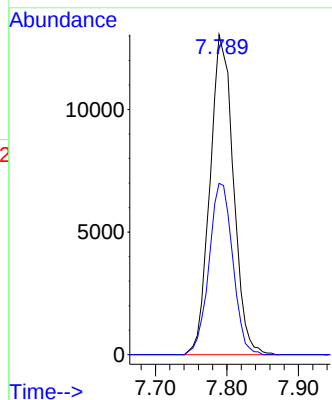
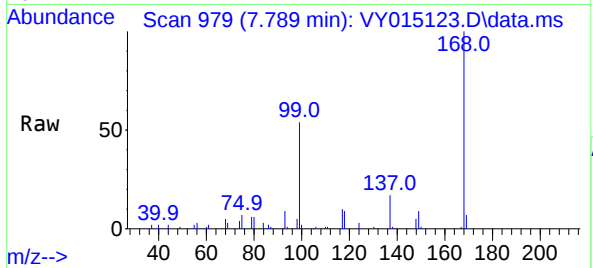




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

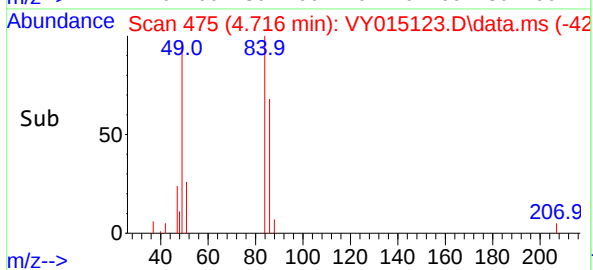
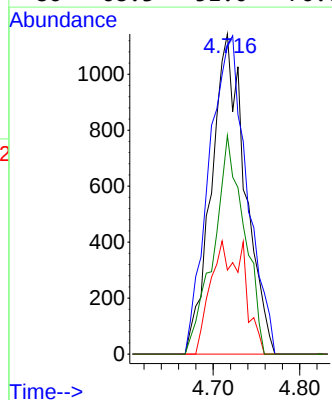
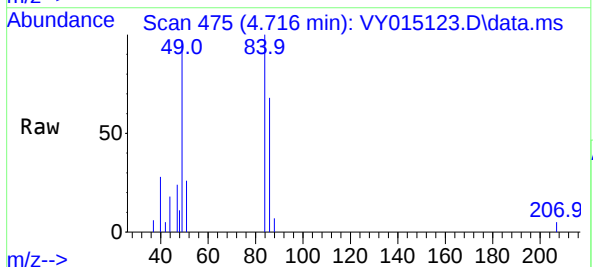
Instrument :
MSVOA_Y
ClientSampleId :
B-PP22

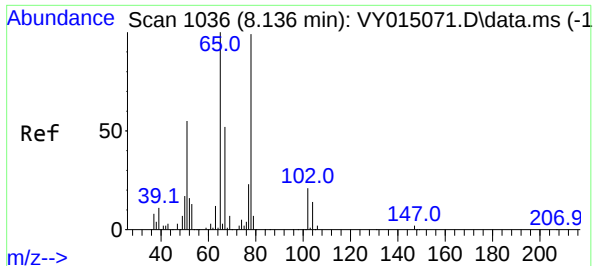
Tgt Ion:168 Resp: 29686
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 7.385 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

Tgt Ion: 84 Resp: 3089
Ion Ratio Lower Upper
84 100
49 96.5 106.9 160.3#
51 26.2 33.2 49.8#
86 68.3 51.0 76.6

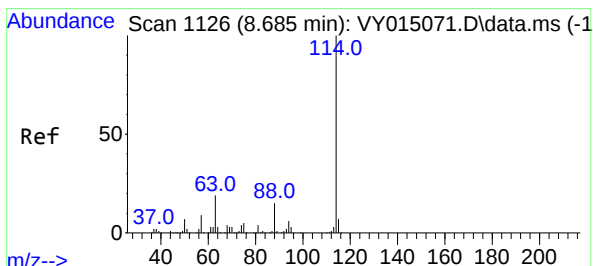
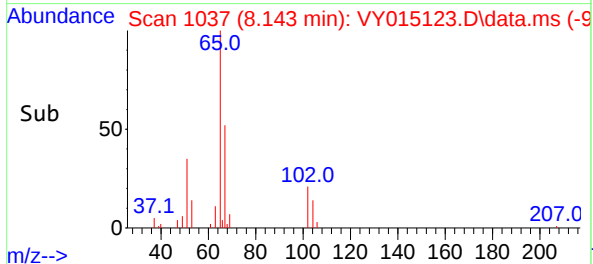
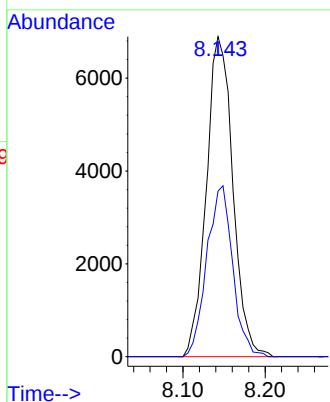
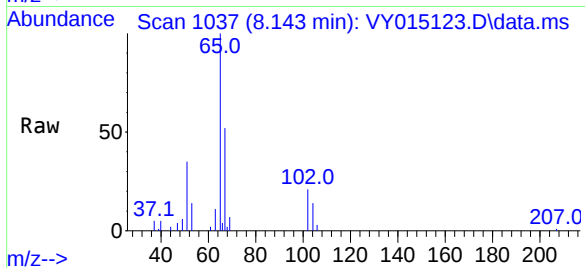




#33
1,2-Dichloroethane-d4
Concen: 43.345 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

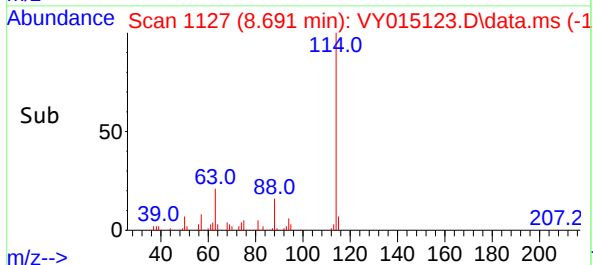
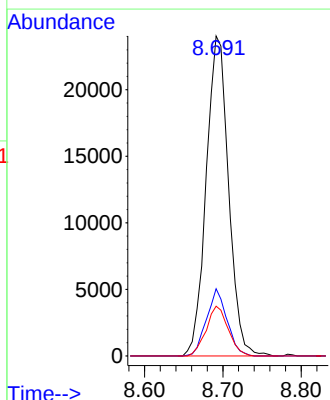
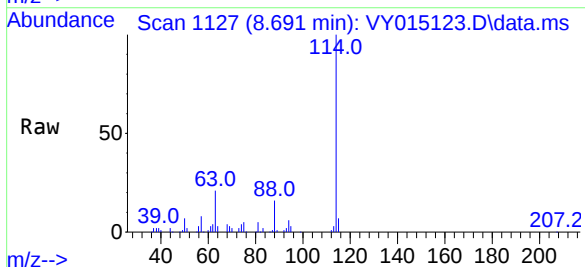
Instrument :
MSVOA_Y
ClientSampleId :
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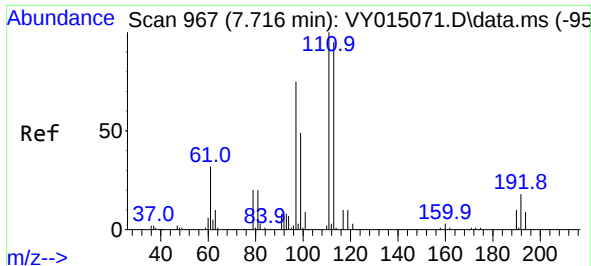
Tgt Ion: 65 Resp: 15446
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

Tgt Ion: 114 Resp: 47672
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.6 0.0 30.6

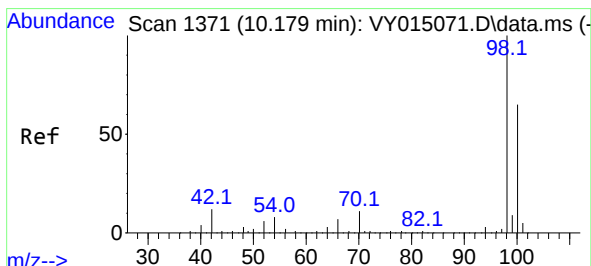
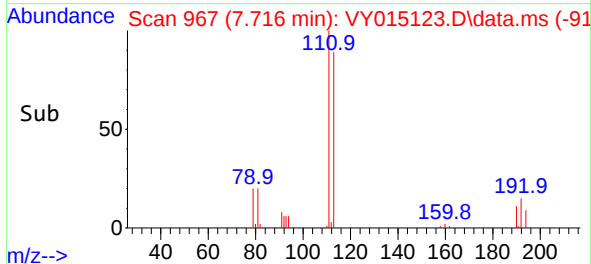
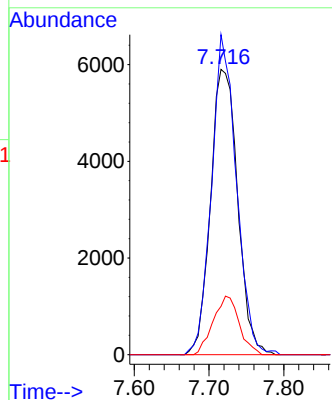
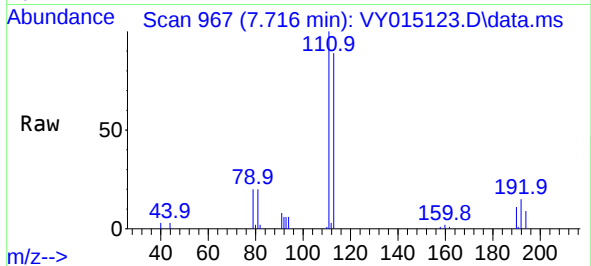




#35
Dibromofluoromethane
Concen: 48.538 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

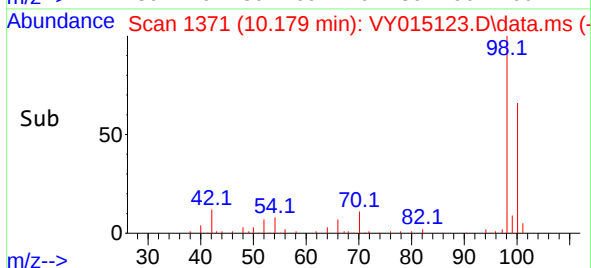
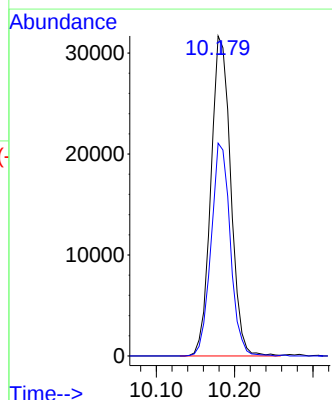
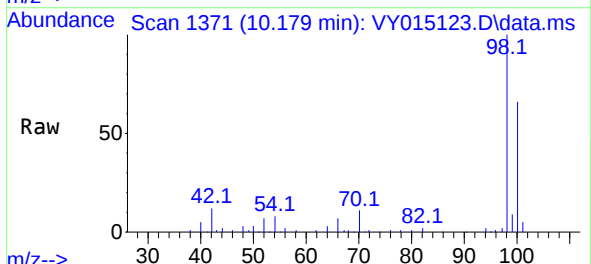
Instrument :
MSVOA_Y
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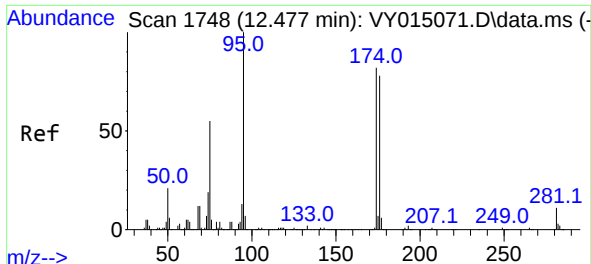
Tgt Ion:113 Resp: 14886
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 48.643 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

Tgt Ion: 98 Resp: 55535
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

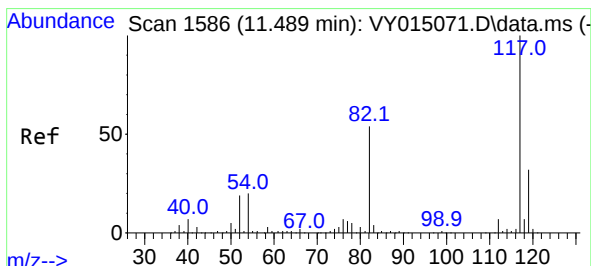
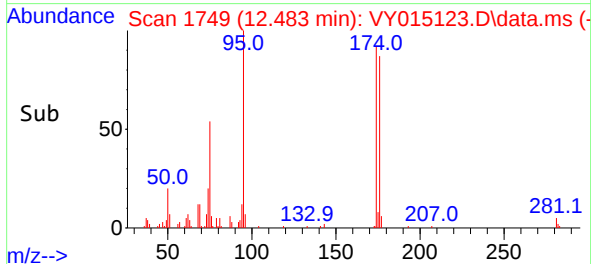
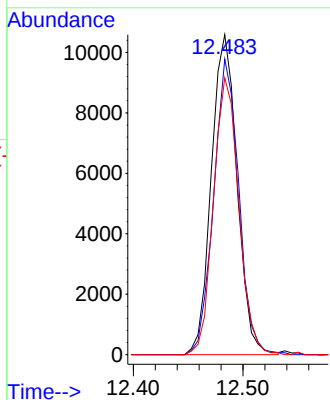
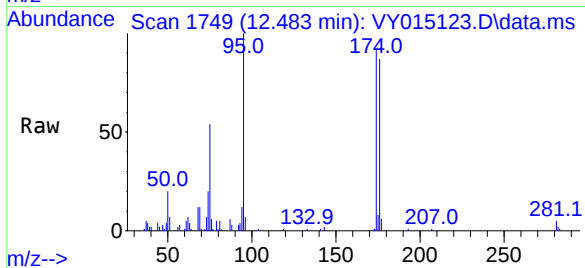




#62
4-Bromofluorobenzene
Concen: 41.324 ug/l
RT: 12.483 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

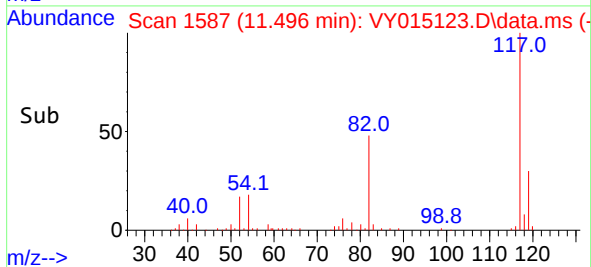
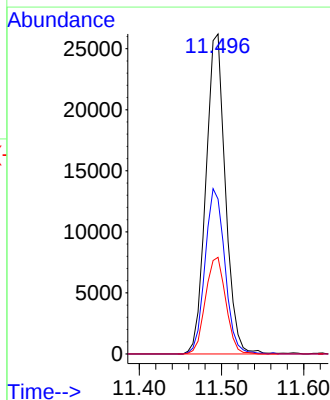
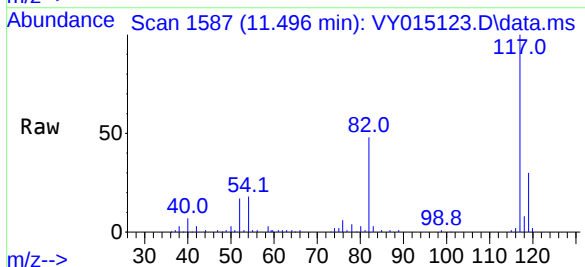
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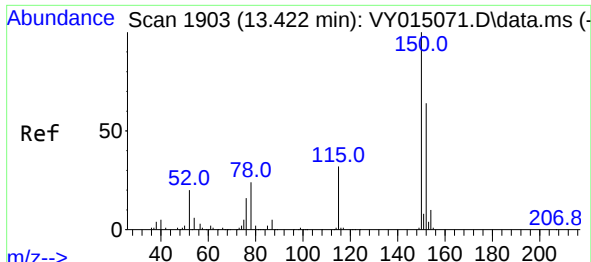
Tgt Ion:	95	Resp:	17232
Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	178.2
176	85.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

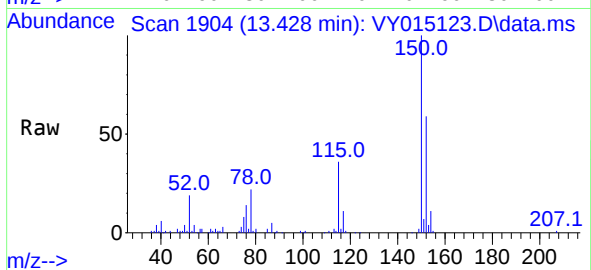
Tgt Ion:	117	Resp:	43125
Ion	Ratio	Lower	Upper
117	100		
82	48.4	43.4	65.0
119	30.2	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015123.D
Acq: 15 Aug 2023 23:45

Instrument :
MSVOA_Y
ClientSampleId :
B-PP22



Tgt Ion:152 Resp: 18720
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 163.5 0.0 348.8

