

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015290.D
 Acq On : 23 Aug 2023 18:56
 Operator : SY/MD
 Sample : 04090-04
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-K

Quant Time: Aug 24 02:35:35 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)

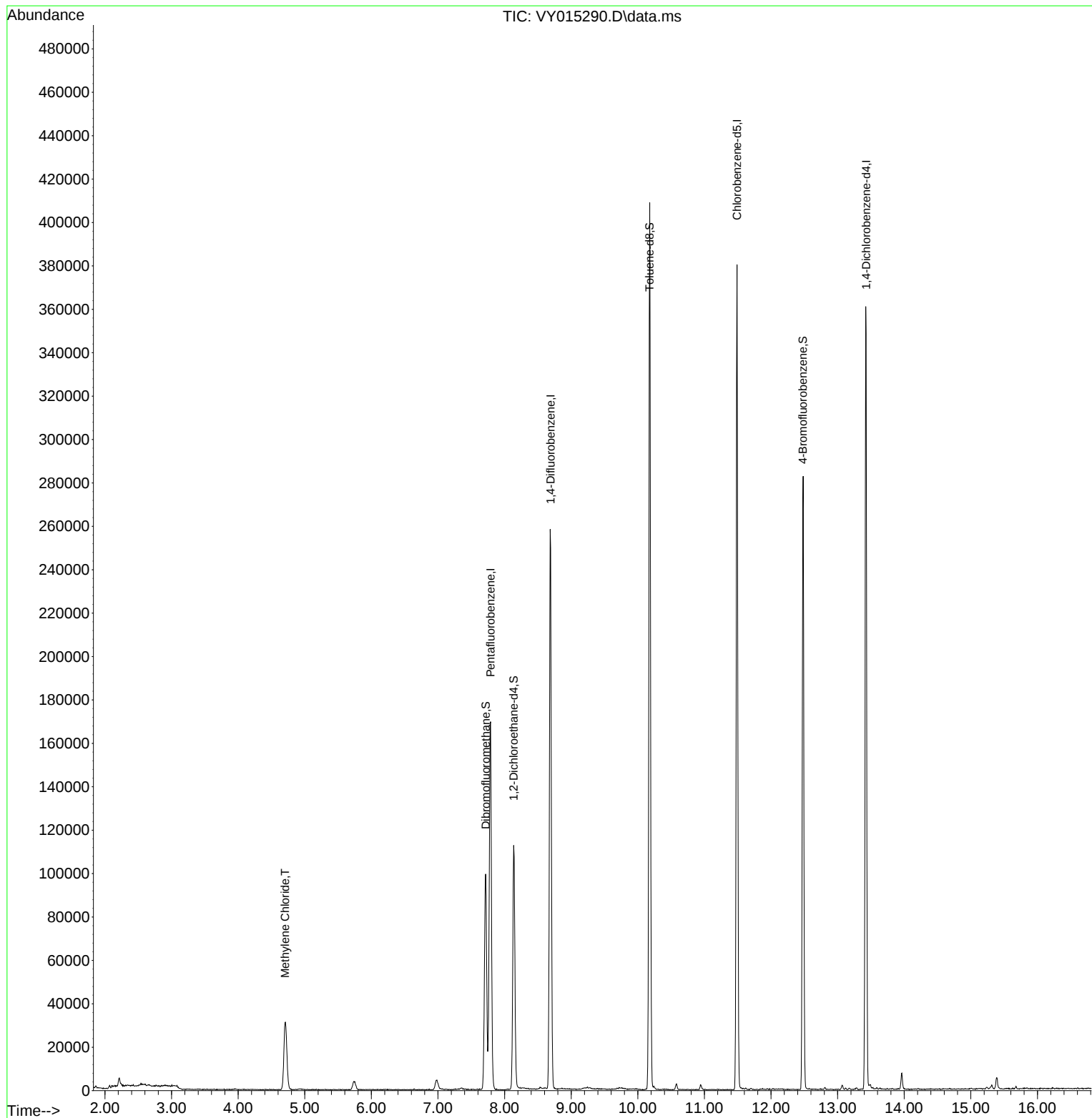
Internal Standards						
1) Pentafluorobenzene	7.789	168	133163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86832	54.321	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	108.640%	
35) Dibromofluoromethane	7.716	113	69876	49.119	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	98.240%	
50) Toluene-d8	10.179	98	260869	49.260	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.520%	
62) 4-Bromofluorobenzene	12.477	95	84920	43.904	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	87.800%	
Target Compounds						
20) Methylene Chloride	4.704	84	24018	16.268	ug/l	Qvalue 91

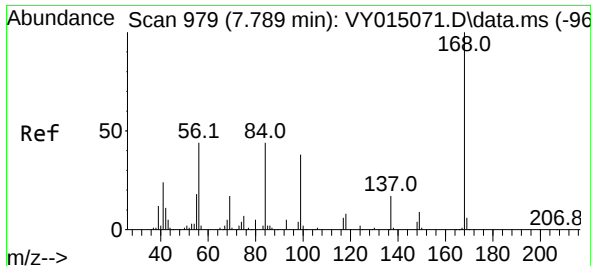
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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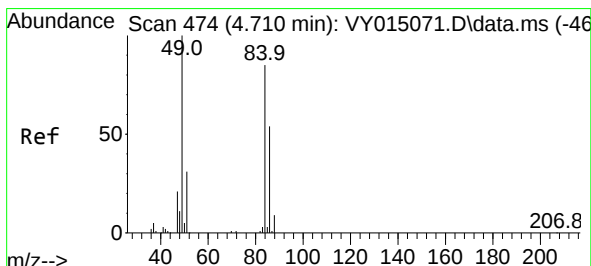
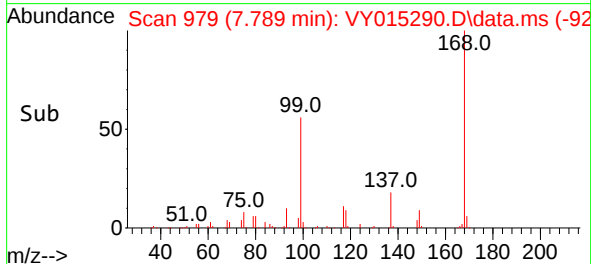
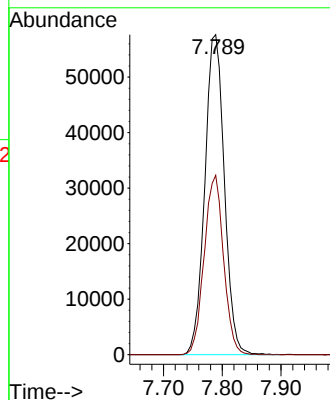
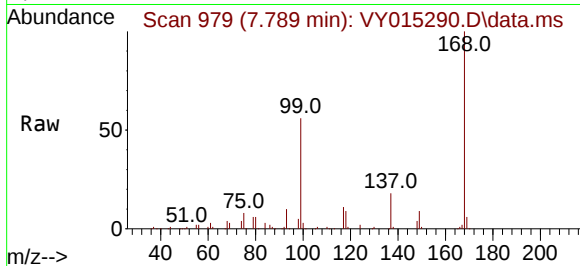




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015290.D
Acq: 23 Aug 2023 18:56

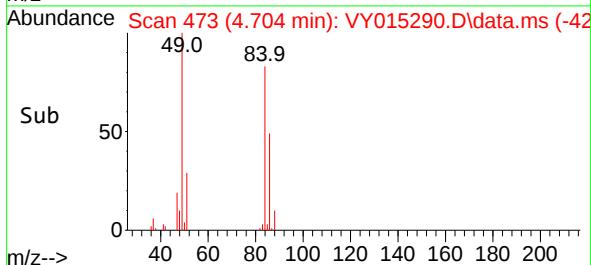
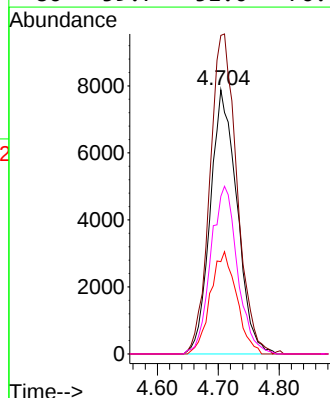
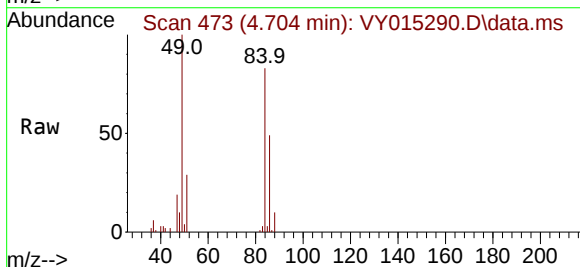
Instrument :
MSVOA_Y
ClientSampleId :
TP-K

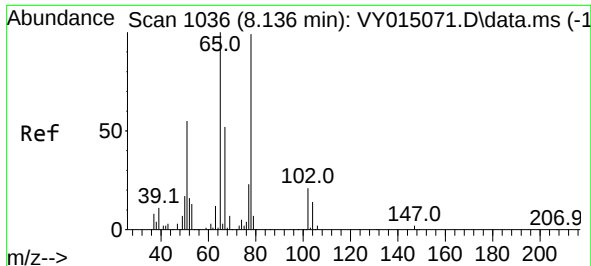
Tgt Ion:168 Resp: 133163
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#20
Methylene Chloride
Concen: 16.268 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015290.D
Acq: 23 Aug 2023 18:56

Tgt Ion: 84 Resp: 24018
Ion Ratio Lower Upper
84 100
49 120.6 106.9 160.3
51 35.0 33.2 49.8
86 59.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.321 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY015290.D

Acq: 23 Aug 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

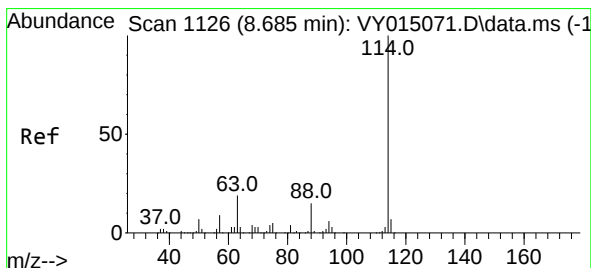
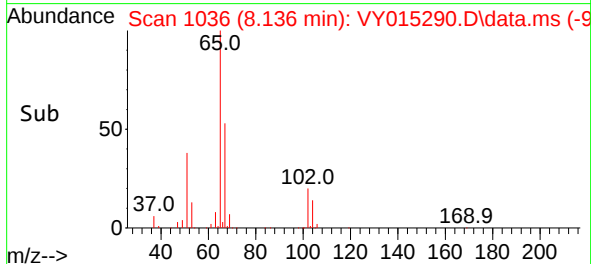
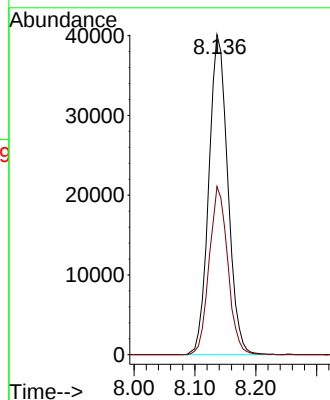
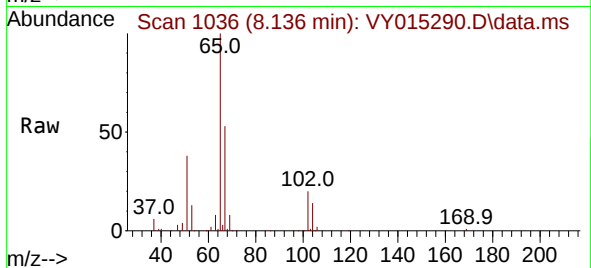
TP-K

Tgt Ion: 65 Resp: 86832

Ion Ratio Lower Upper

65 100

67 51.4 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: VY015290.D

Acq: 23 Aug 2023 18:56

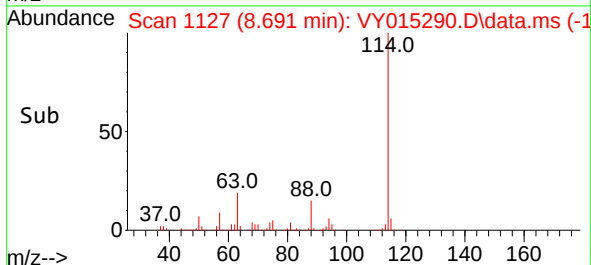
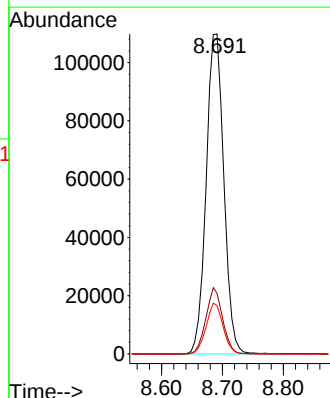
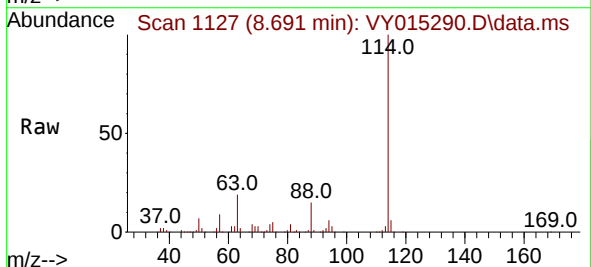
Tgt Ion: 114 Resp: 221128

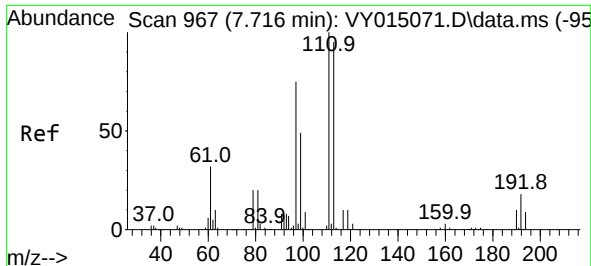
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.2 0.0 30.6

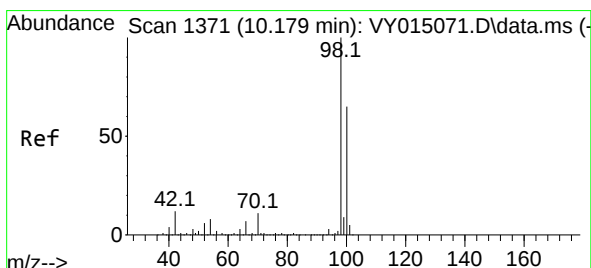
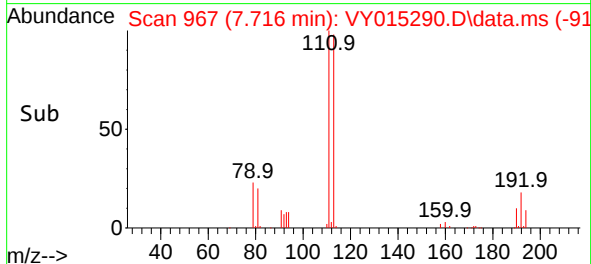
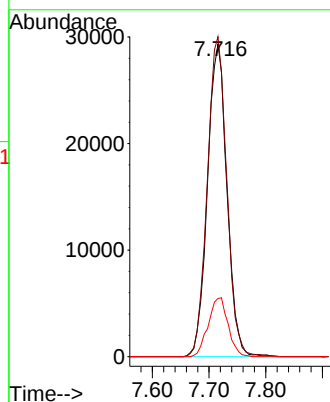
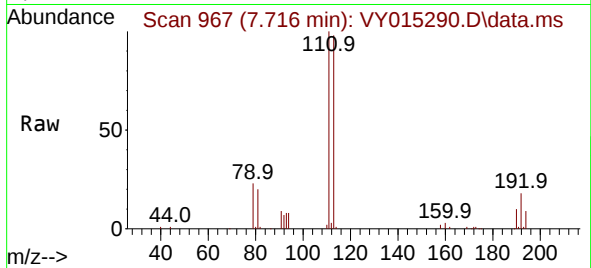




#35
Dibromofluoromethane
Concen: 49.119 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015290.D
Acq: 23 Aug 2023 18:56

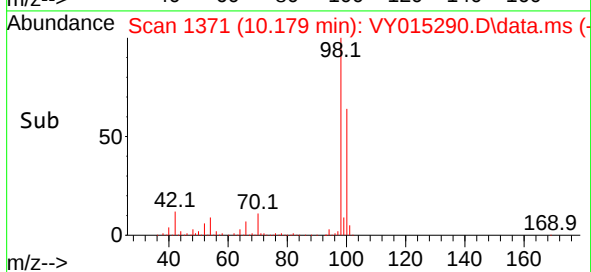
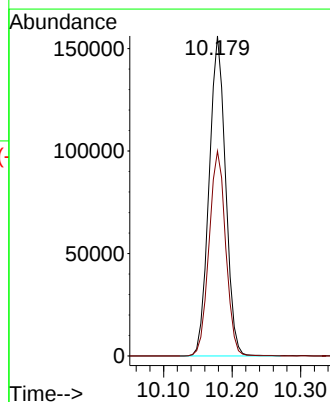
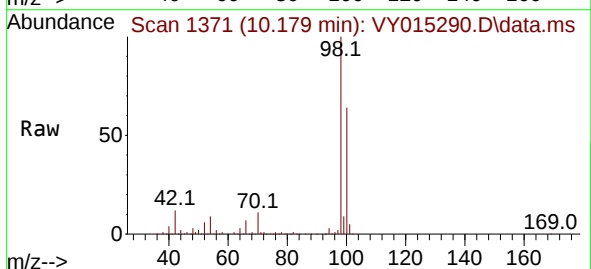
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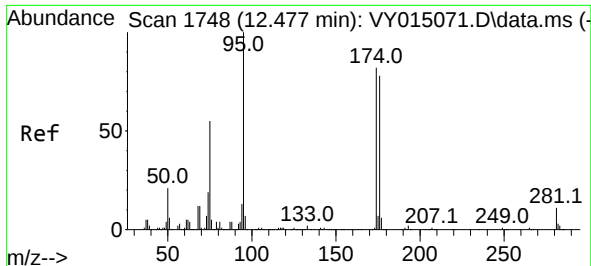
Tgt Ion:113 Resp: 69876
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015290.D
Acq: 23 Aug 2023 18:56

Tgt Ion: 98 Resp: 260869
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

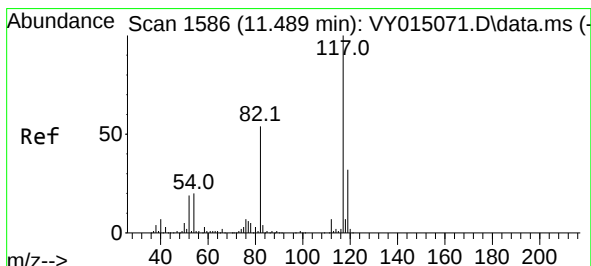
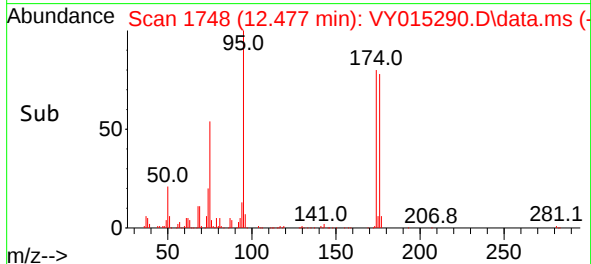
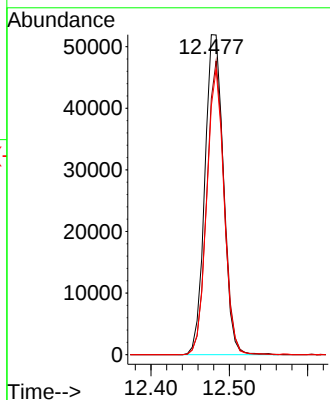
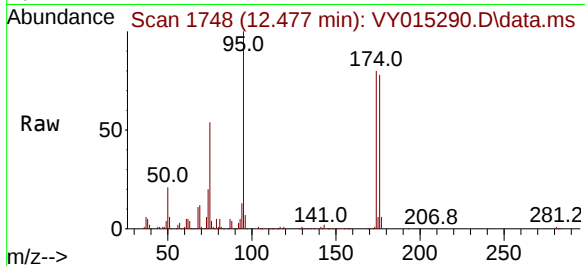




#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015290.D
Acq: 23 Aug 2023 18:56

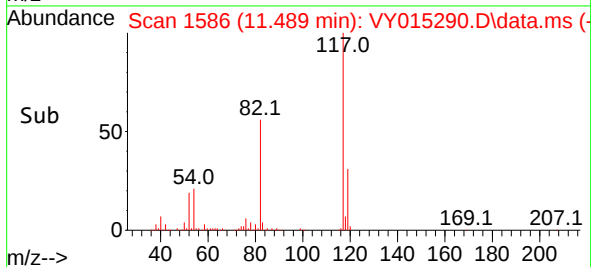
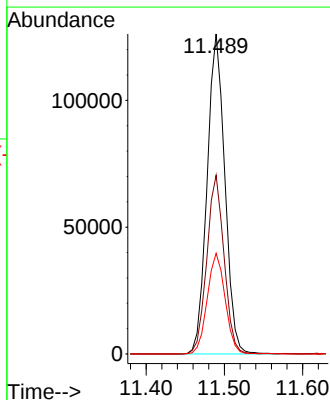
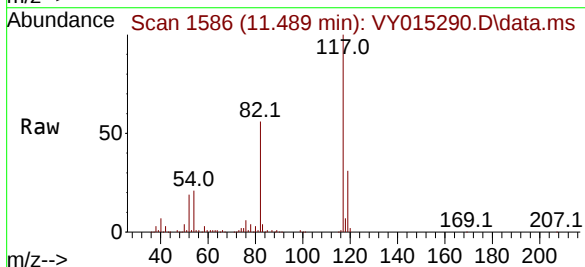
Instrument :
MSVOA_Y
ClientSampleId :
TP-K

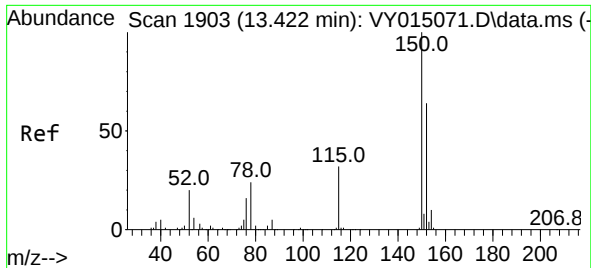
Tgt Ion: 95 Resp: 84920
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015290.D
Acq: 23 Aug 2023 18:56

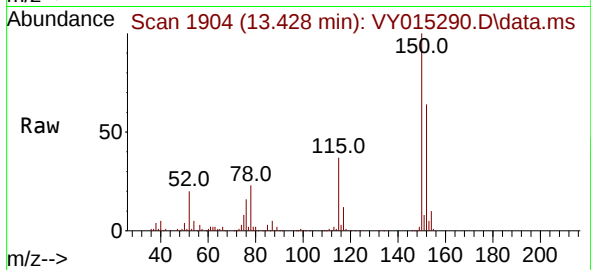
Tgt Ion: 117 Resp: 198423
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 31.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015290.D
 Acq: 23 Aug 2023 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-K



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.8	86.5
150	156.9	0.0	348.8

