

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012896.D
 Acq On : 09 Mar 2023 14:06
 Operator : KP/MD
 Sample : 01834-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Mar 10 00:30:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

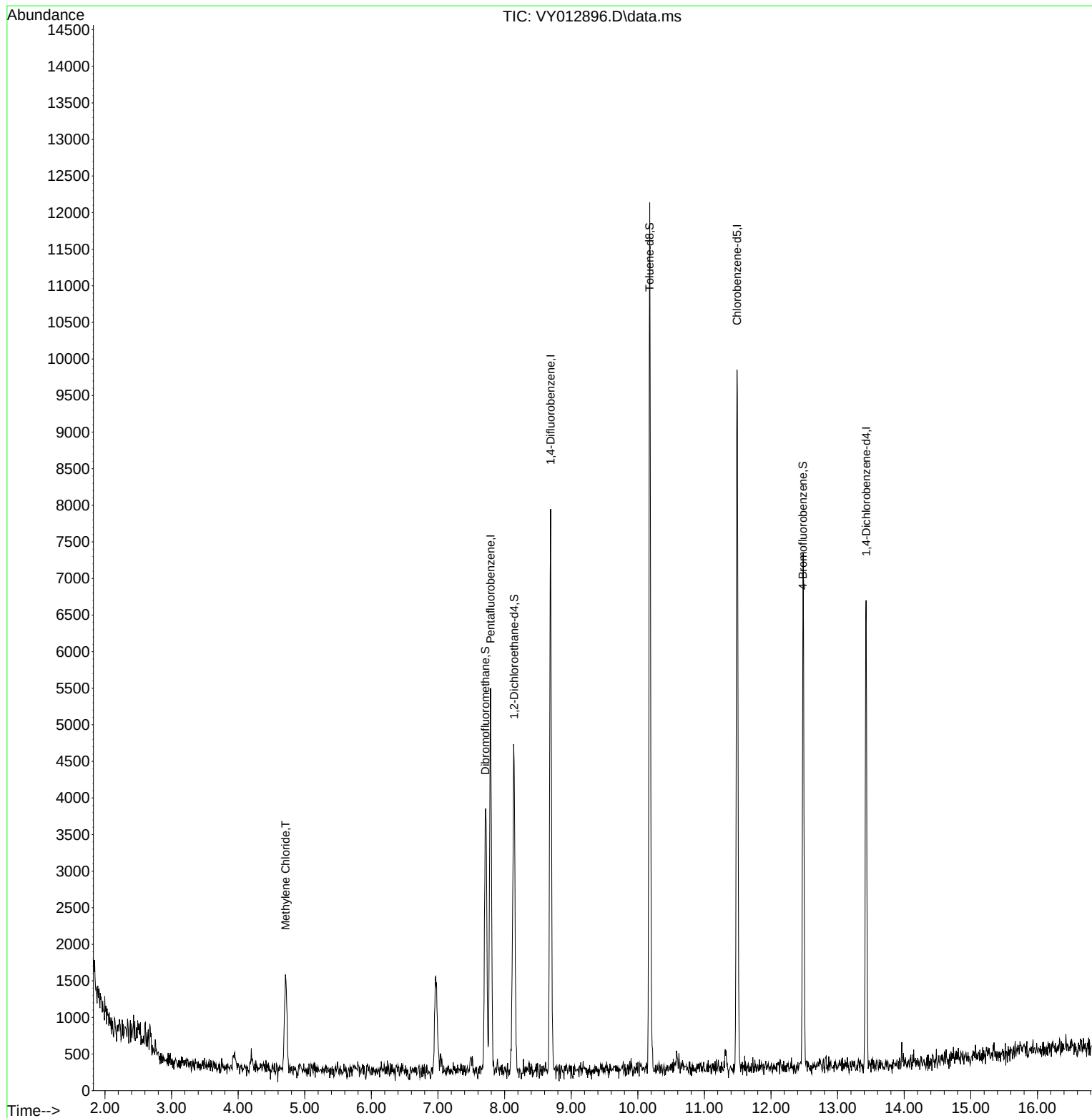
Internal Standards						
1) Pentafluorobenzene	7.789	168	4339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3253	75.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.020%
35) Dibromofluoromethane	7.710	113	2844	71.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.440%
50) Toluene-d8	10.179	98	7531	51.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.477	95	1961	39.797	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.600%
Target Compounds						
20) Methylene Chloride	4.710	84	974	15.129	ug/l	Qvalue # 66

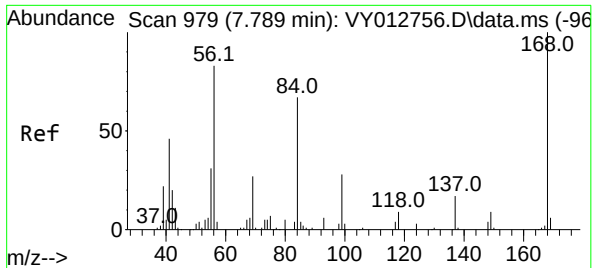
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
Data File : VY012896.D
Acq On : 09 Mar 2023 14:06
Operator : KP/MD
Sample : 01834-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Quant Time: Mar 10 00:30:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

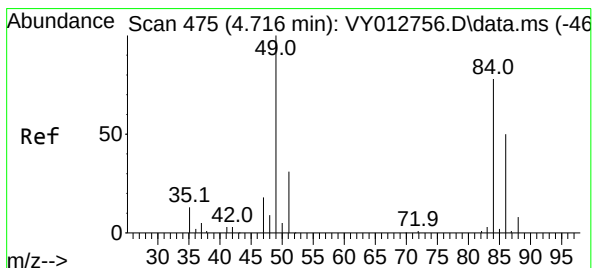
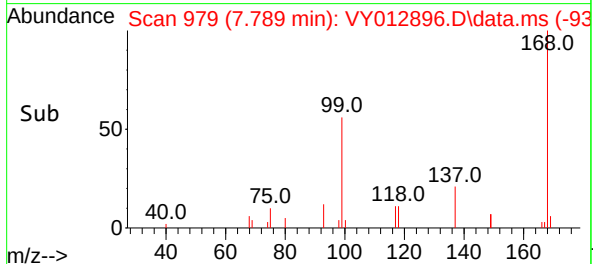
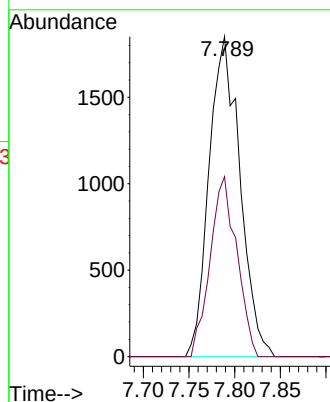
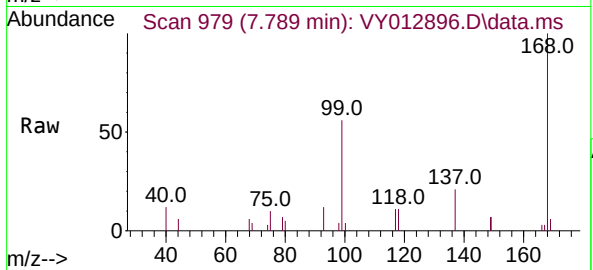




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012896.D
Acq: 09 Mar 2023 14:06

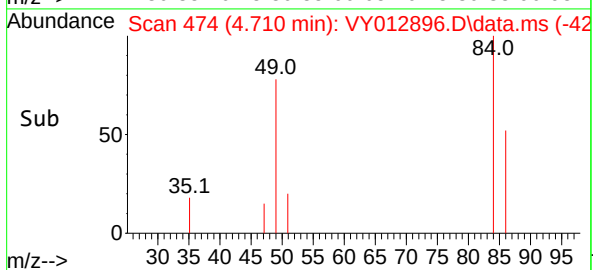
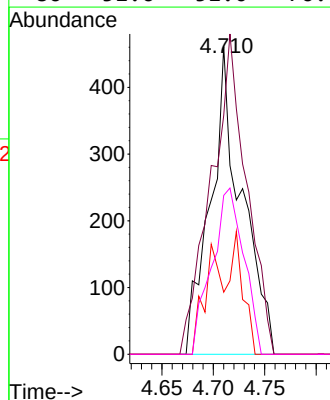
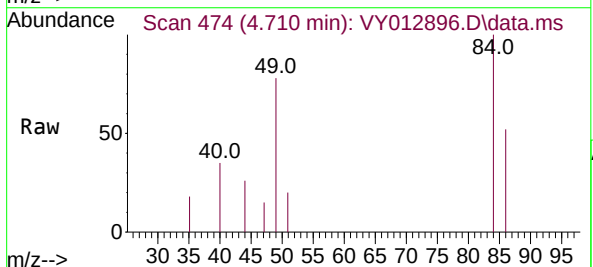
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

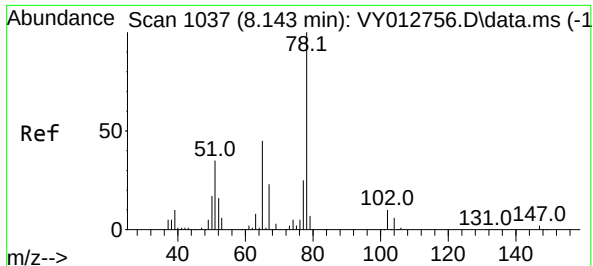
Tgt Ion:168 Resp: 4339
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#20
Methylene Chloride
Concen: 15.129 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012896.D
Acq: 09 Mar 2023 14:06

Tgt Ion: 84 Resp: 974
Ion Ratio Lower Upper
84 100
49 77.7 102.6 154.0#
51 20.2 31.9 47.9#
86 51.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 75.510 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012896.D

Acq: 09 Mar 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

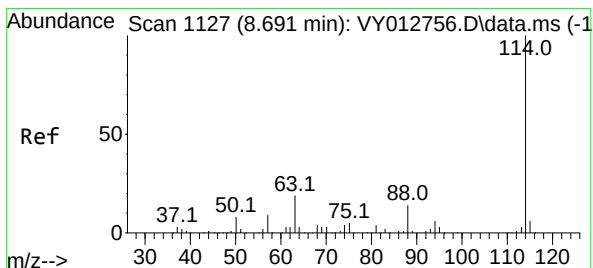
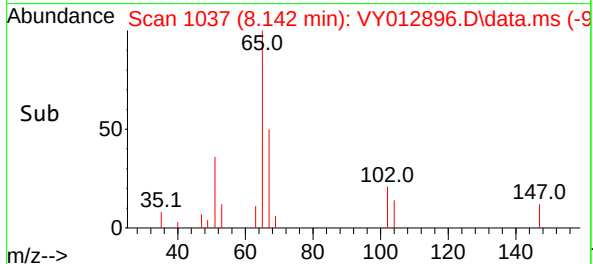
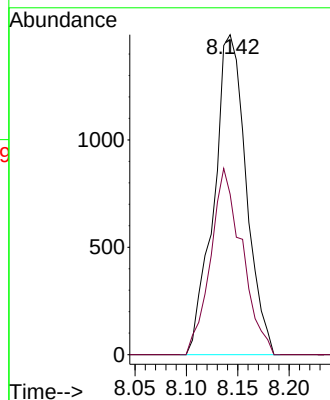
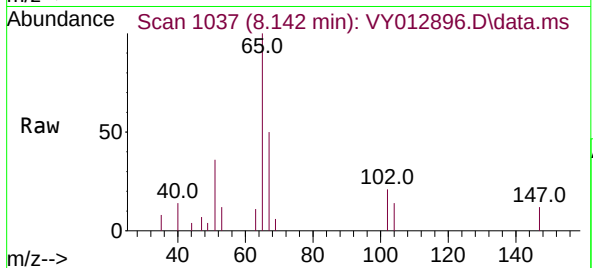
TP-9

Tgt Ion: 65 Resp: 3253

Ion Ratio Lower Upper

65 100

67 56.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012896.D

Acq: 09 Mar 2023 14:06

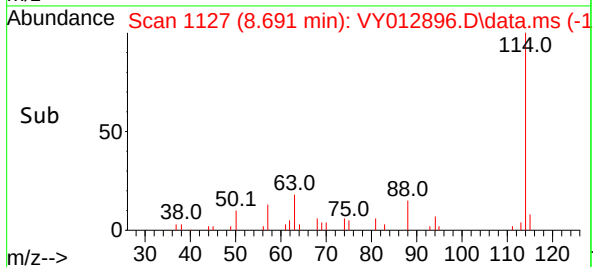
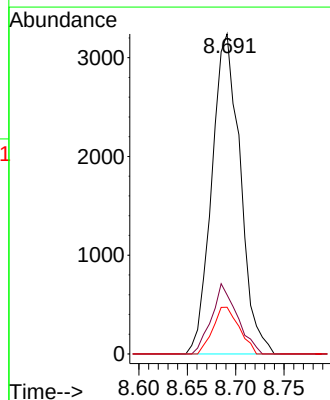
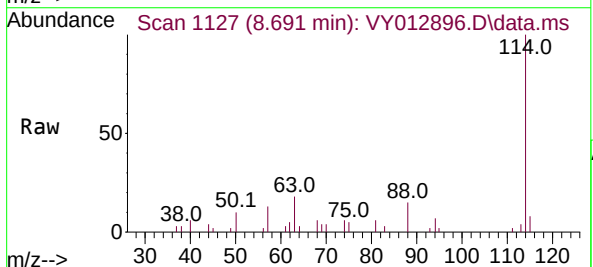
Tgt Ion: 114 Resp: 6617

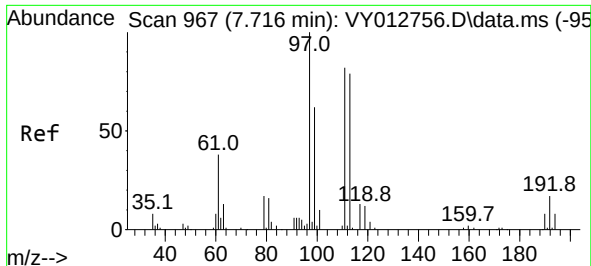
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

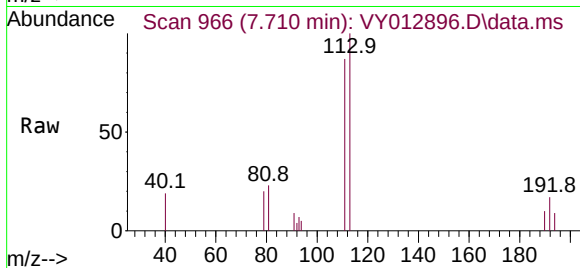
88 14.6 0.0 28.6



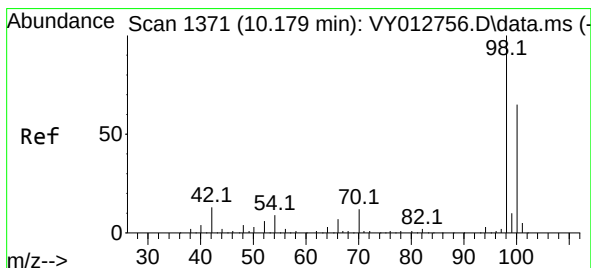
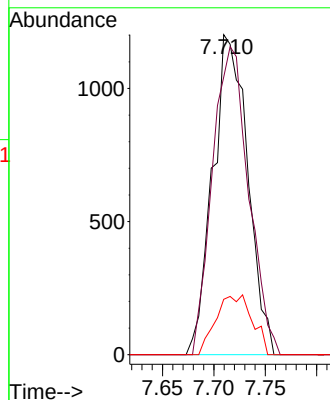
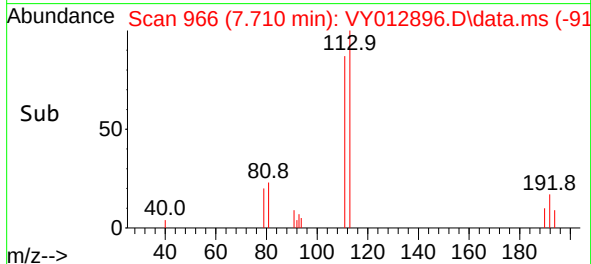


#35
Dibromofluoromethane
Concen: 71.218 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY012896.D
Acq: 09 Mar 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

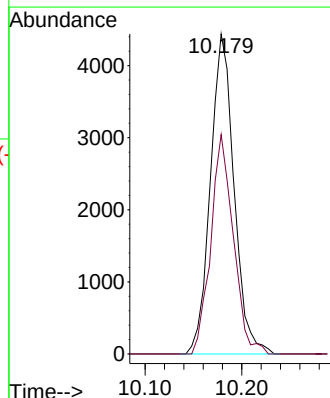
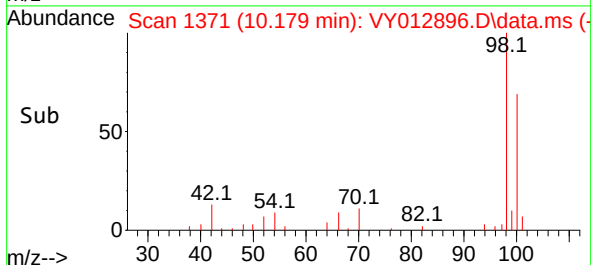
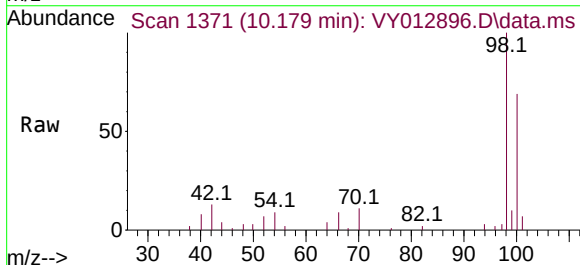


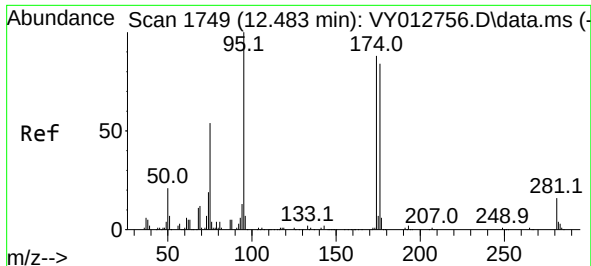
Tgt Ion:113 Resp: 2844
Ion Ratio Lower Upper
113 100
111 99.7 82.2 123.2
192 19.3 16.8 25.2



#50
Toluene-d8
Concen: 51.586 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012896.D
Acq: 09 Mar 2023 14:06

Tgt Ion: 98 Resp: 7531
Ion Ratio Lower Upper
98 100
100 65.4 50.9 76.3

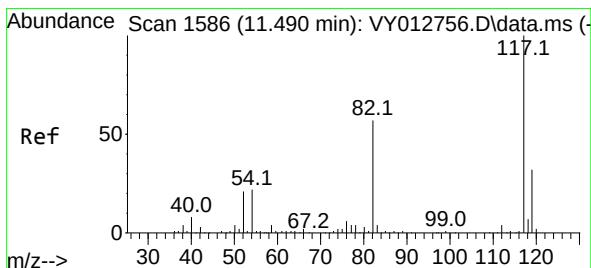
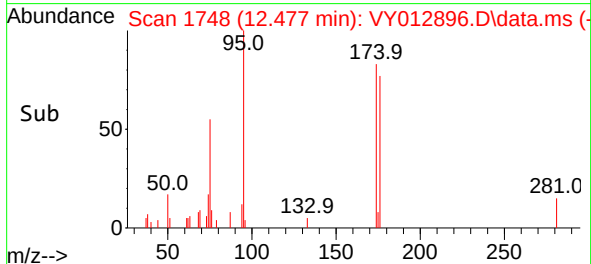
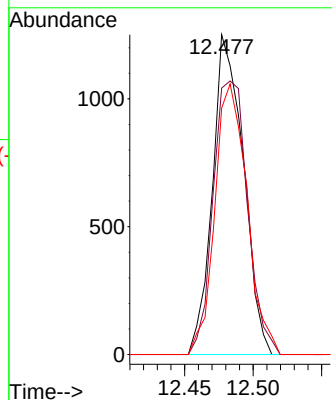
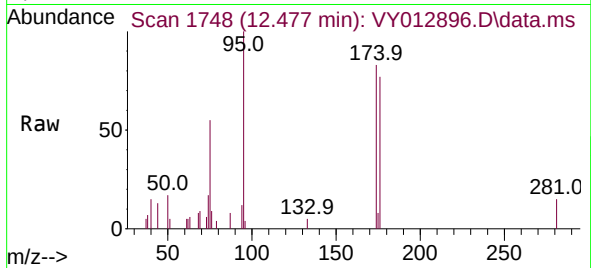




#62
4-Bromofluorobenzene
Concen: 39.797 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012896.D
Acq: 09 Mar 2023 14:06

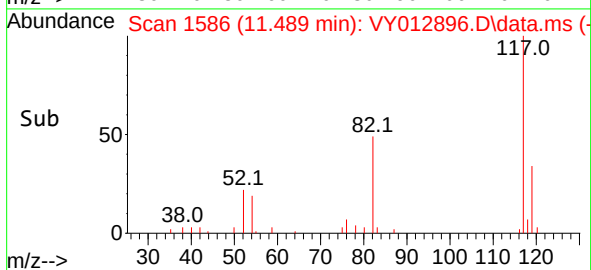
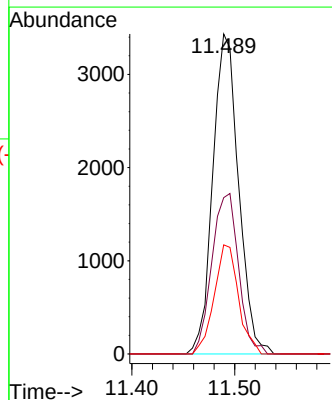
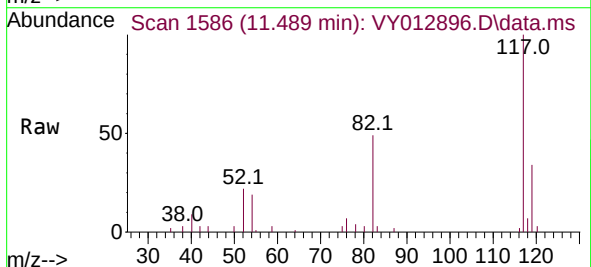
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

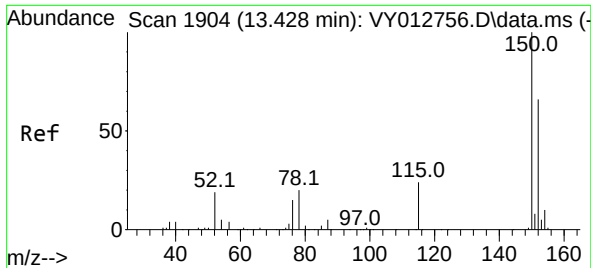
Tgt Ion:	95	Resp:	1961
Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	176.6
176	88.3	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012896.D
Acq: 09 Mar 2023 14:06

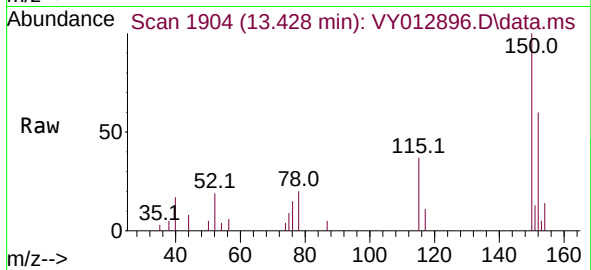
Tgt Ion:	117	Resp:	5980
Ion	Ratio	Lower	Upper
117	100		
82	48.8	45.4	68.0
119	34.1	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012896.D
Acq: 09 Mar 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-9



Tgt Ion:152 Resp: 1779
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 174.6 0.0 347.8

