

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016471.D
 Acq On : 22 Nov 2023 18:41
 Operator : SY/MD
 Sample : 05540-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-11222023

Quant Time: Nov 23 04:09:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	24248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	37907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	34006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	13520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12393	55.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.728	113	12874	59.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.580%
50) Toluene-d8	10.191	98	42649	48.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.489	95	12188	42.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.940%

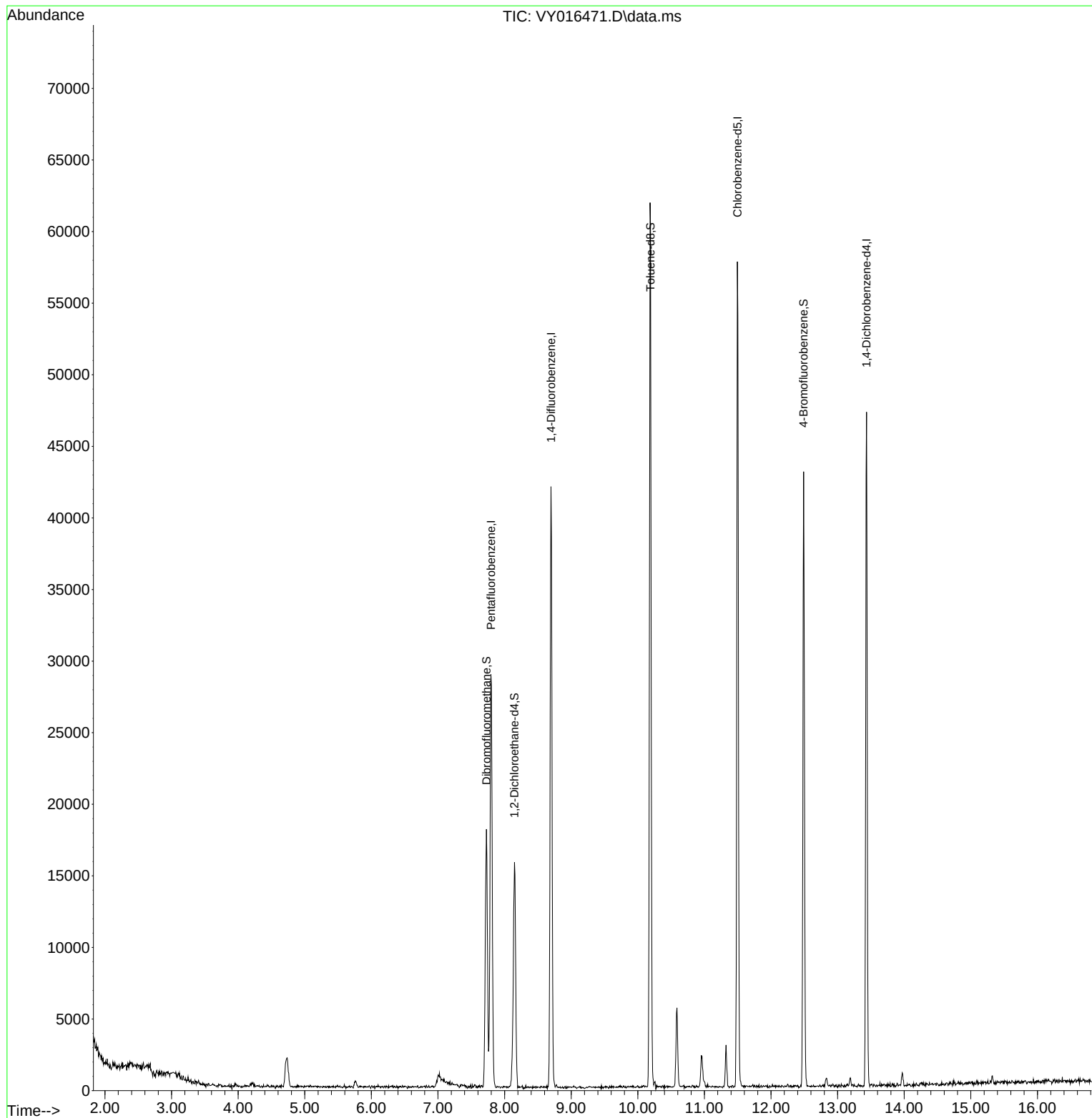
Target Compounds	Qvalue

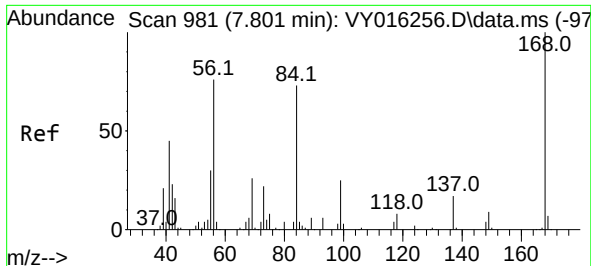
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
Data File : VY016471.D
Acq On : 22 Nov 2023 18:41
Operator : SY/MD
Sample : 05540-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-11222023

Quant Time: Nov 23 04:09:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

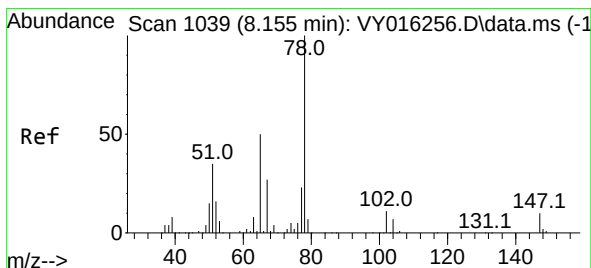
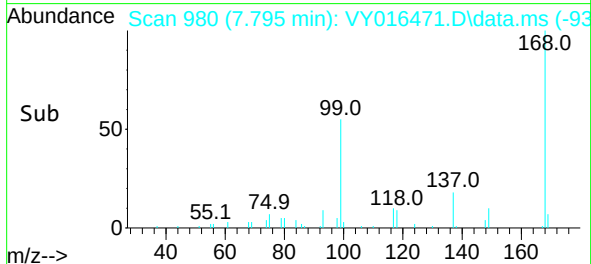
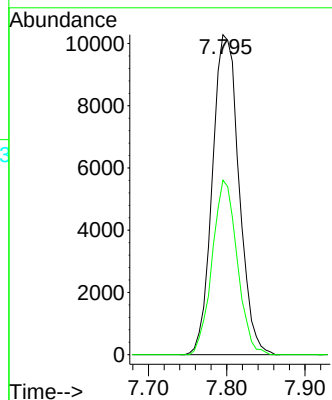
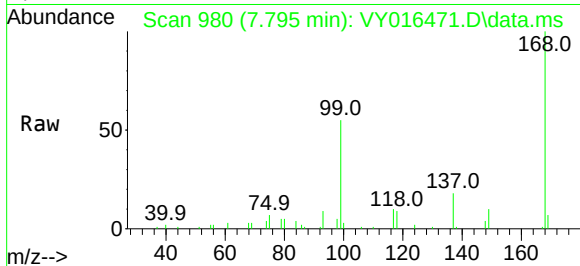




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

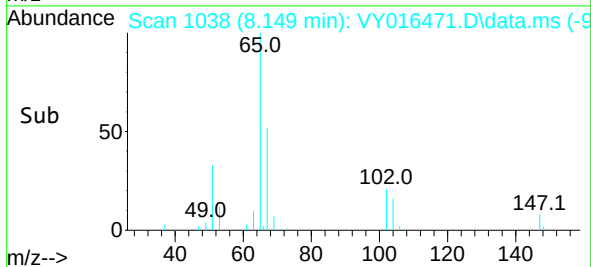
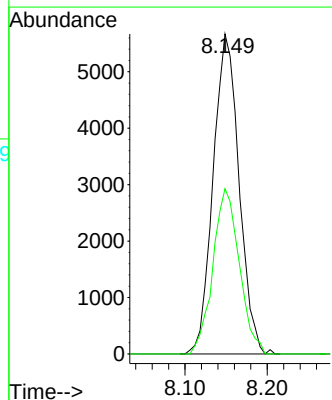
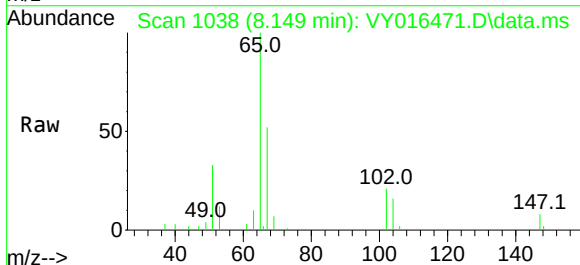
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-11222023

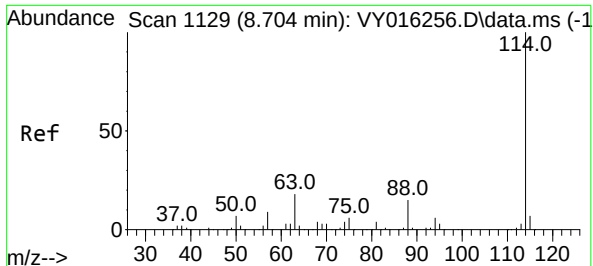
Tgt Ion:168 Resp: 24248
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.921 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

Tgt Ion: 65 Resp: 12393
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-11222023

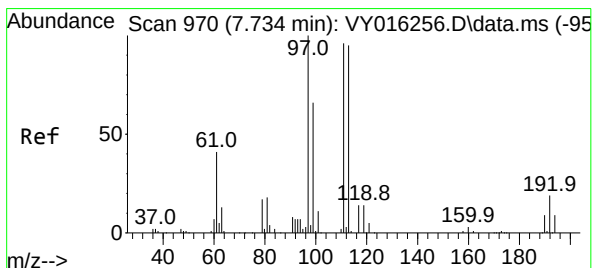
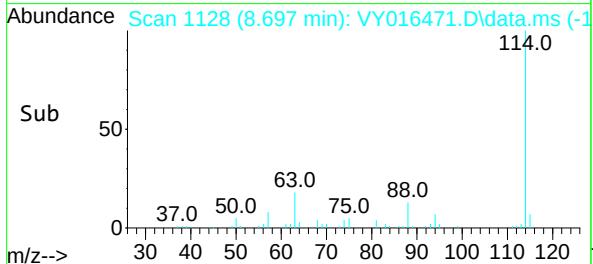
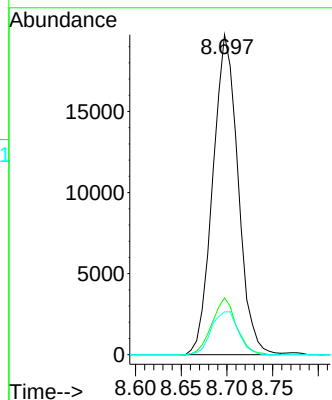
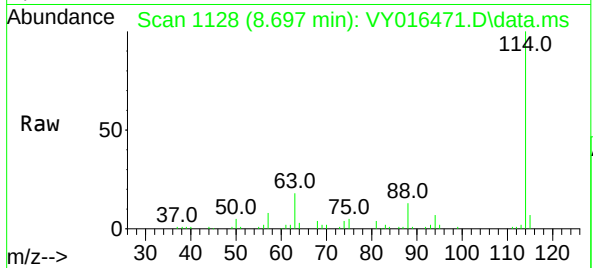
Tgt Ion:114 Resp: 37907

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.786 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

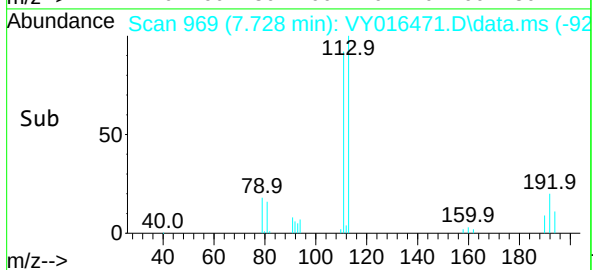
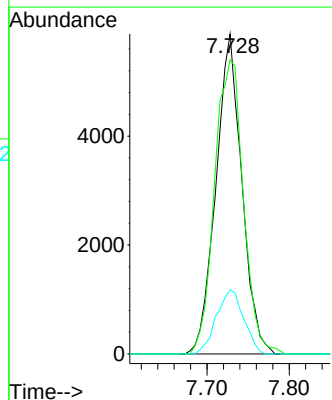
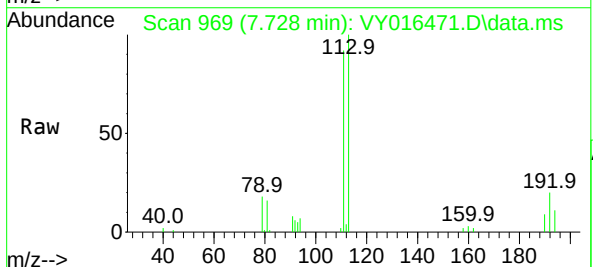
Tgt Ion:113 Resp: 12874

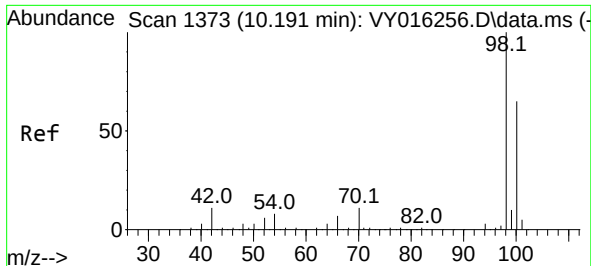
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 21.1 16.9 25.3

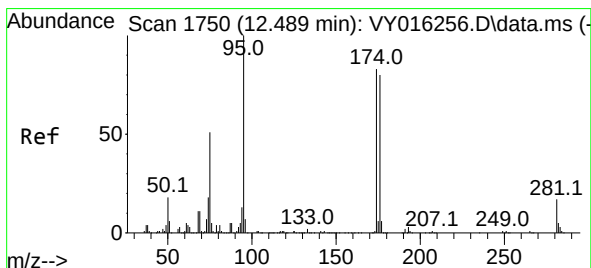
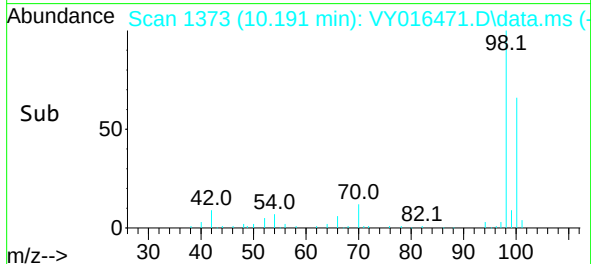
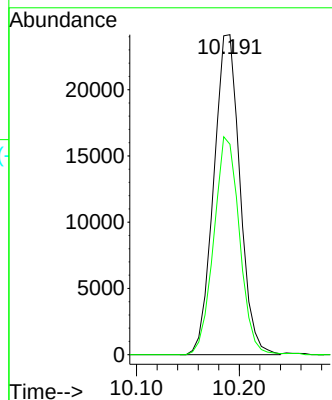
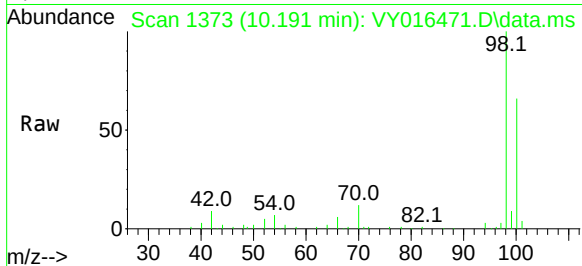




#50
Toluene-d8
Concen: 48.840 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

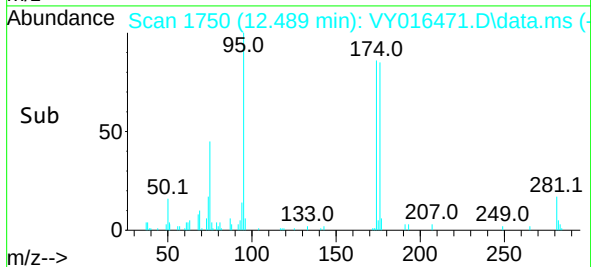
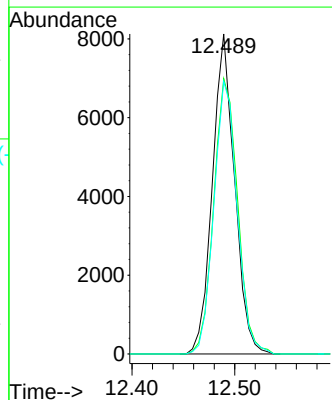
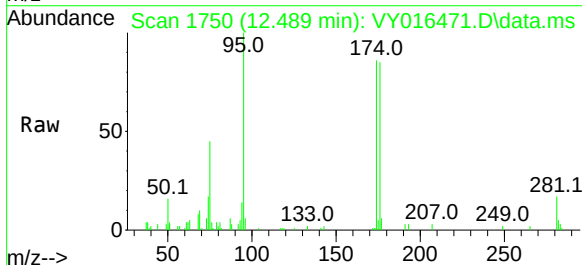
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-11222023

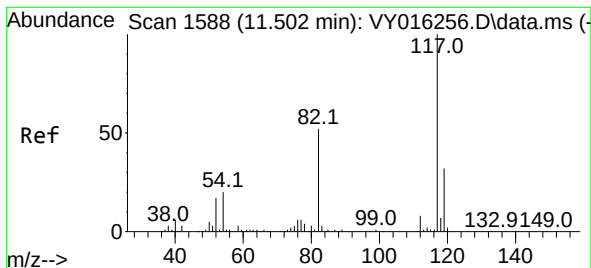
Tgt Ion: 98 Resp: 42649
Ion Ratio Lower Upper
98 100
100 67.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.974 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

Tgt Ion: 95 Resp: 12188
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.2
176 89.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

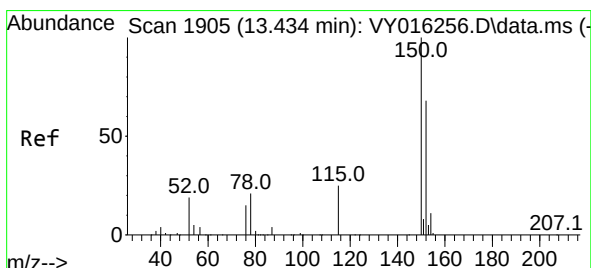
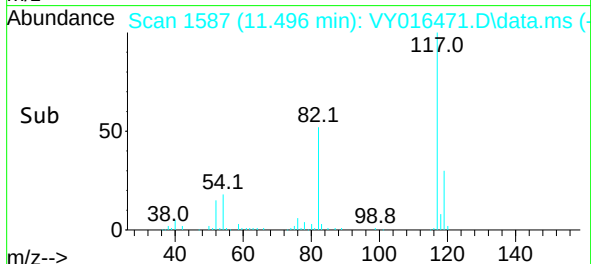
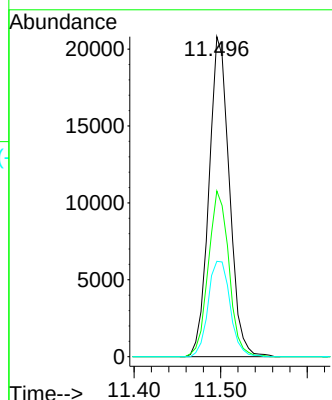
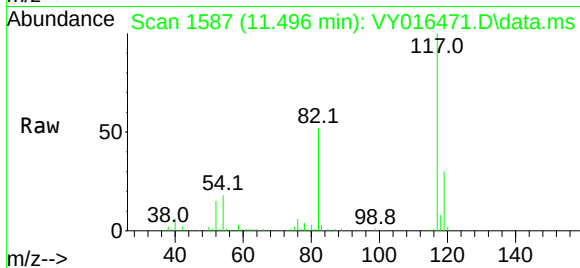
Instrument :

MSVOA_Y

ClientSampleId :

TR-06-11222023

Tgt Ion:	117	Resp:	34006
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.4	65.0
119	29.8	26.3	39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

Tgt Ion:	152	Resp:	13520
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.8	86.5
150	156.8	0.0	348.8

