

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015469.D
 Acq On : 07 Sep 2023 16:04
 Operator : SY/MD
 Sample : 04336-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRENCH-A

Quant Time: Sep 07 23:10:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	322277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	522581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	470236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	225838	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	192082	55.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.200%
35) Dibromofluoromethane	7.704	113	161274	53.580	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.160%
50) Toluene-d8	10.173	98	616638	56.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.140%
62) 4-Bromofluorobenzene	12.477	95	215678	53.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.600%

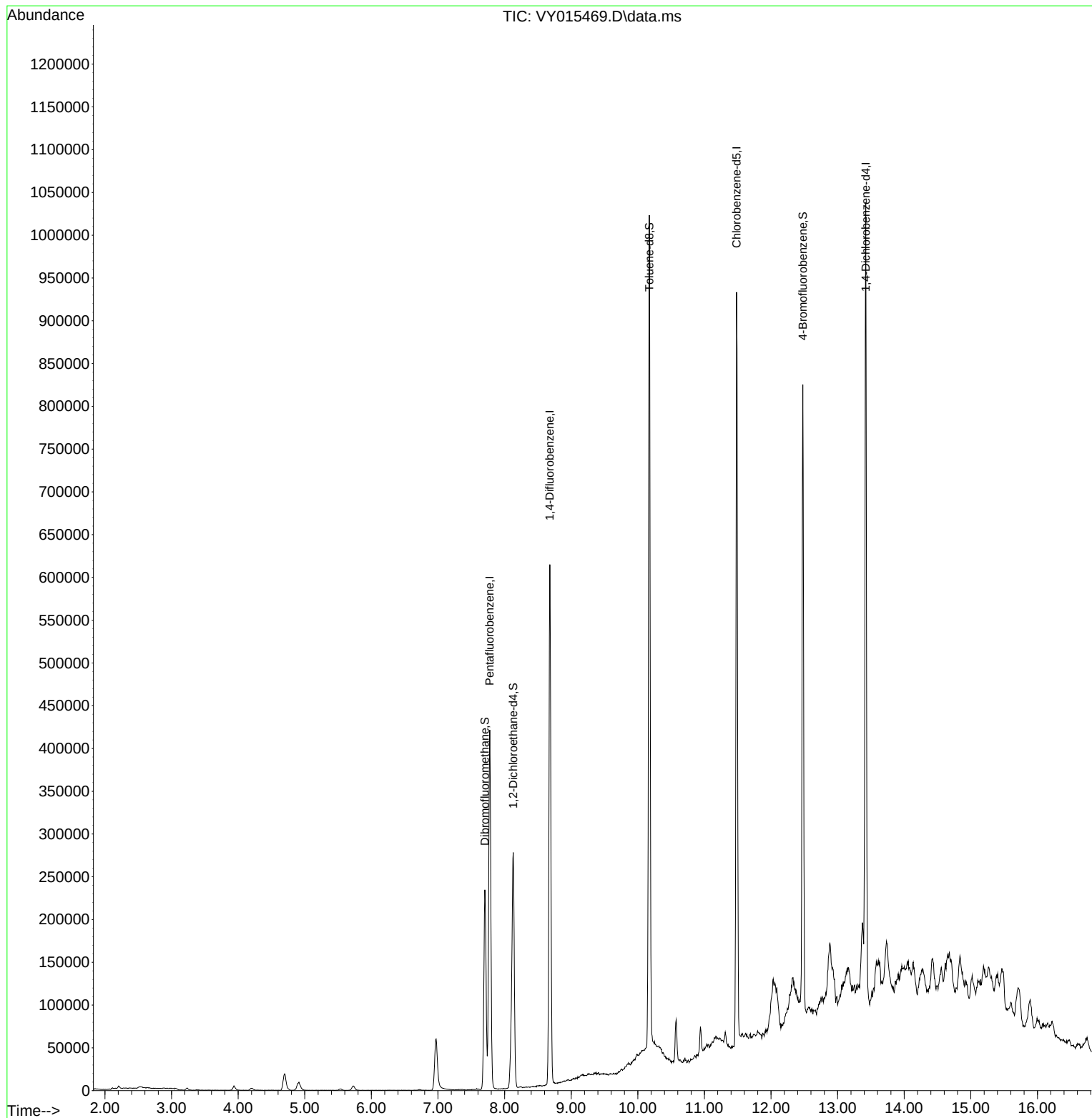
Target Compounds	Qvalue

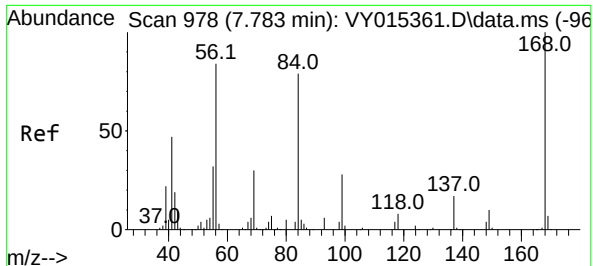
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
Data File : VY015469.D
Acq On : 07 Sep 2023 16:04
Operator : SY/MD
Sample : 04336-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-A

Quant Time: Sep 07 23:10:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

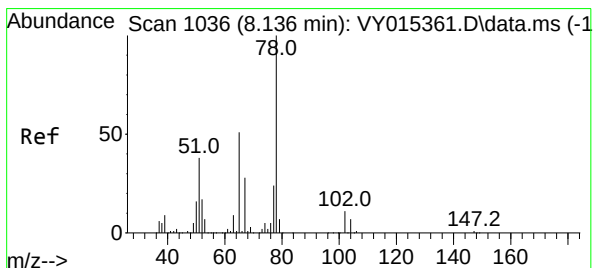
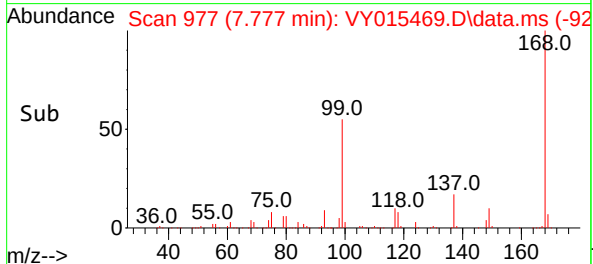
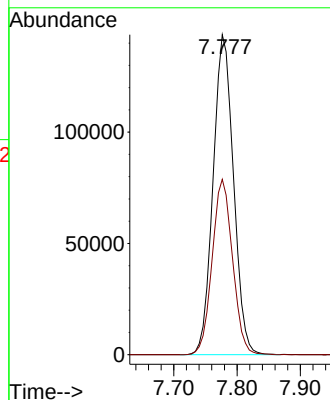
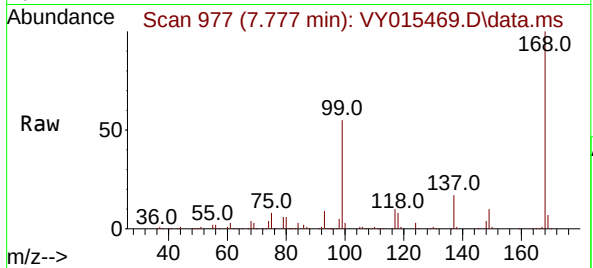




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

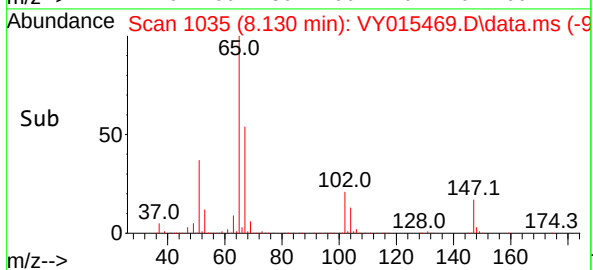
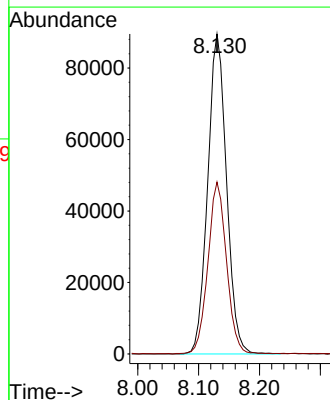
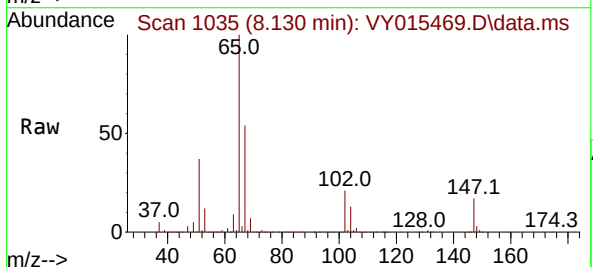
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-A

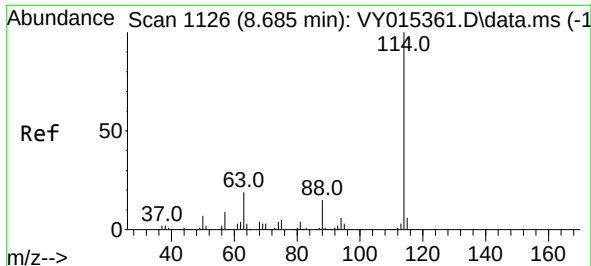
Tgt Ion:168 Resp: 322277
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.599 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Tgt Ion: 65 Resp: 192082
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8

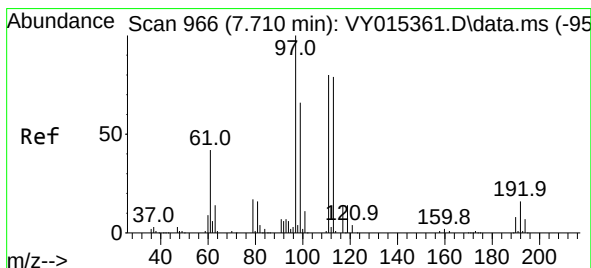
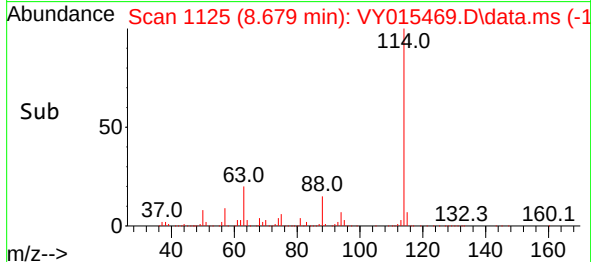
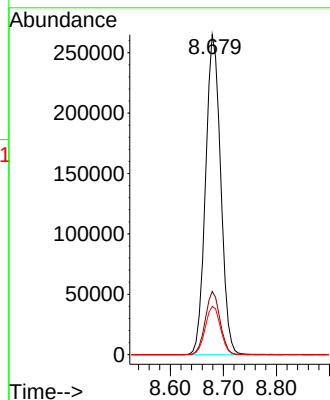
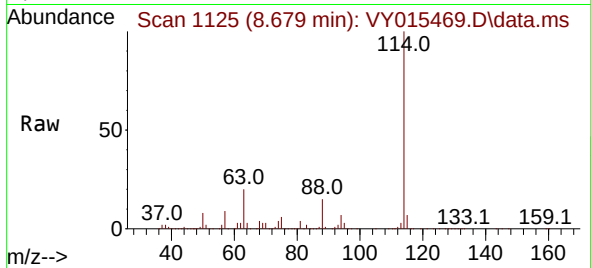




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

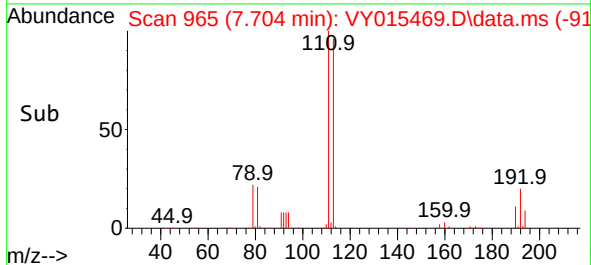
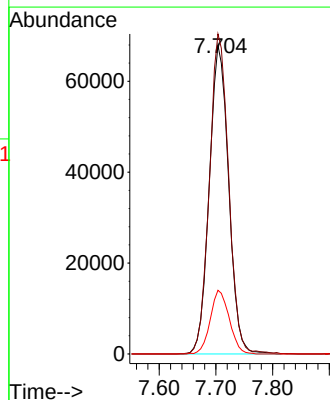
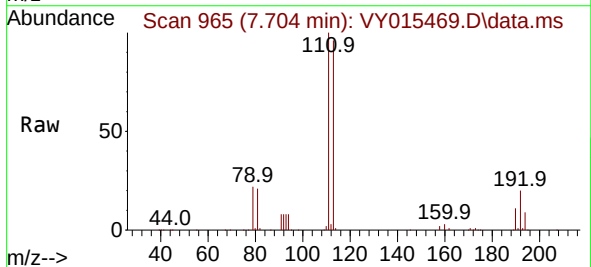
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-A

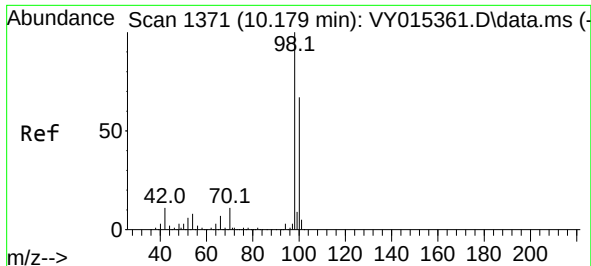
Tgt Ion:114 Resp: 522581
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.580 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Tgt Ion:113 Resp: 161274
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.2 16.9 25.3

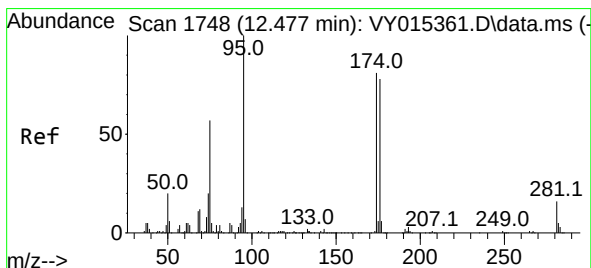
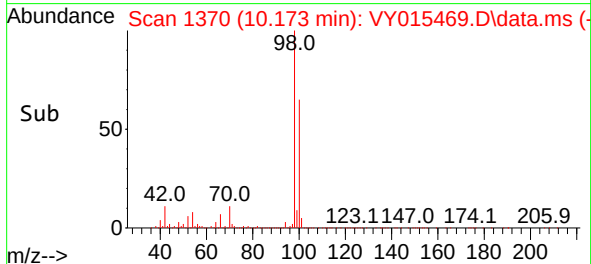
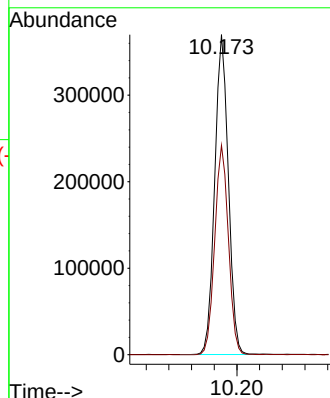
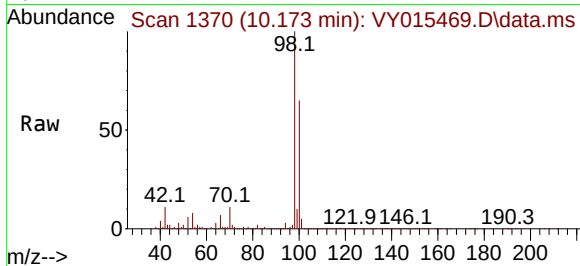




#50
Toluene-d8
Concen: 56.571 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

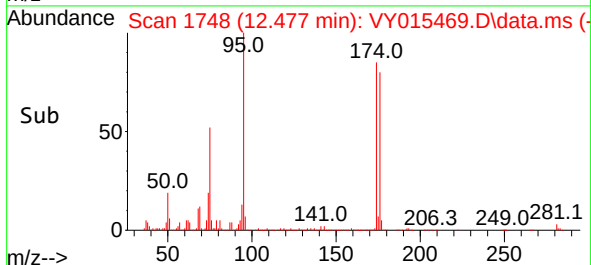
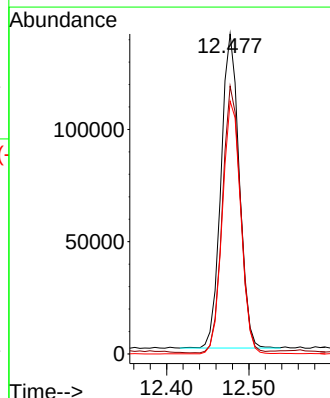
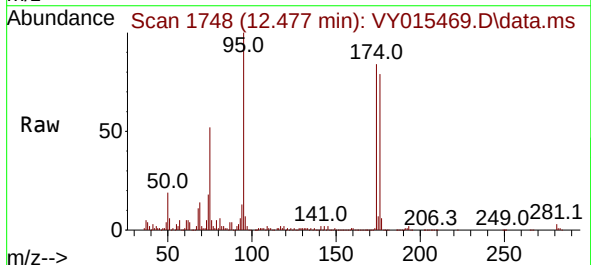
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-A

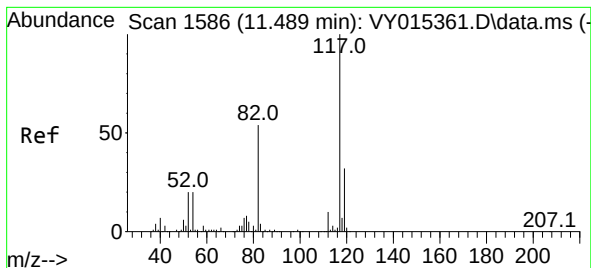
Tgt Ion: 98 Resp: 616638
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.299 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015469.D
Acq: 07 Sep 2023 16:04

Tgt Ion: 95 Resp: 215678
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015469.D

Acq: 07 Sep 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TRENCH-A

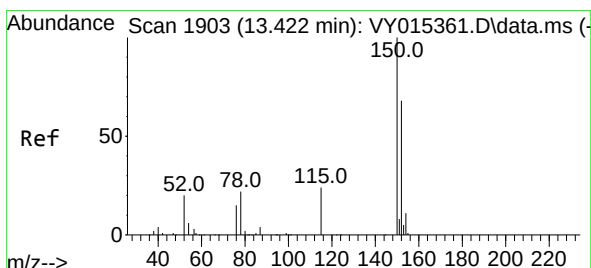
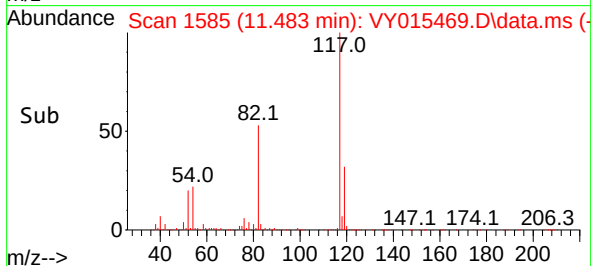
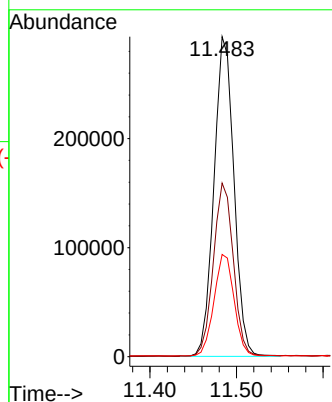
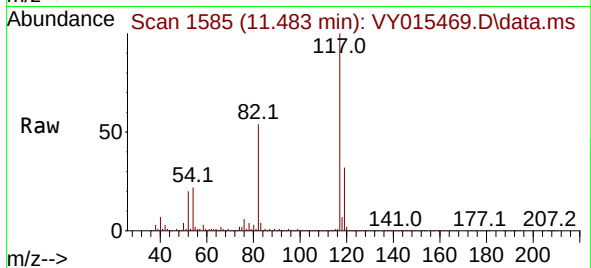
Tgt Ion:117 Resp: 470236

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.7 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: VY015469.D

Acq: 07 Sep 2023 16:04

Tgt Ion:152 Resp: 225838

Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 157.4 0.0 348.8

