

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012634.D
 Acq On : 16 Feb 2023 13:39
 Operator : KP/MD
 Sample : 01562-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-3-021523

Quant Time: Feb 16 21:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

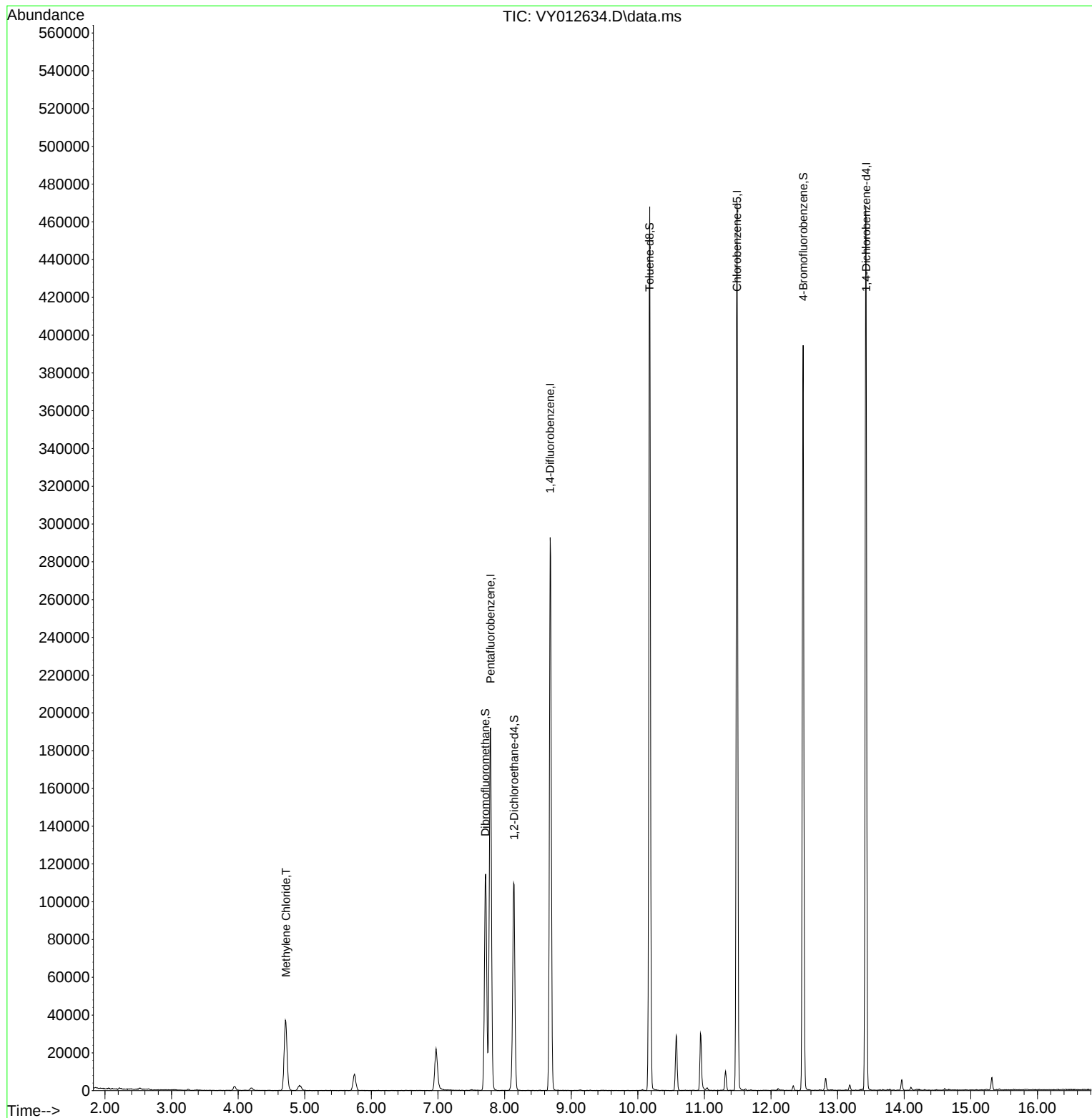
Internal Standards						
1) Pentafluorobenzene	7.789	168	157334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90874	45.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.710	113	78050	40.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.460%
50) Toluene-d8	10.179	98	312247	39.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.300%
62) 4-Bromofluorobenzene	12.483	95	109442	39.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.680%
Target Compounds						
20) Methylene Chloride	4.716	84	31883	14.751	ug/l	Qvalue 95

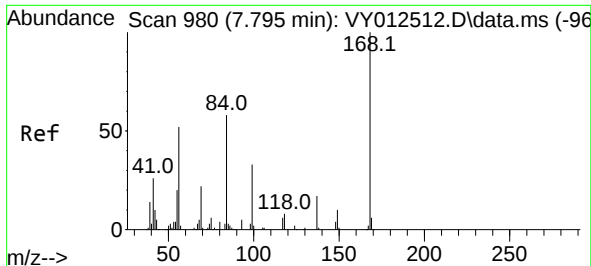
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
Data File : VY012634.D
Acq On : 16 Feb 2023 13:39
Operator : KP/MD
Sample : 01562-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-021523

Quant Time: Feb 16 21:59:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

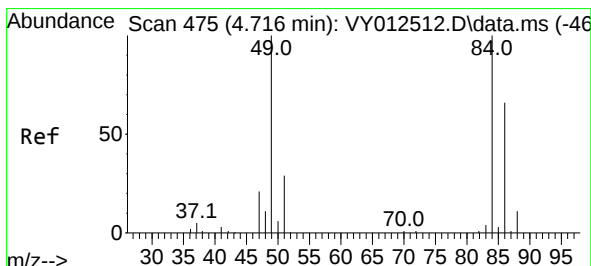
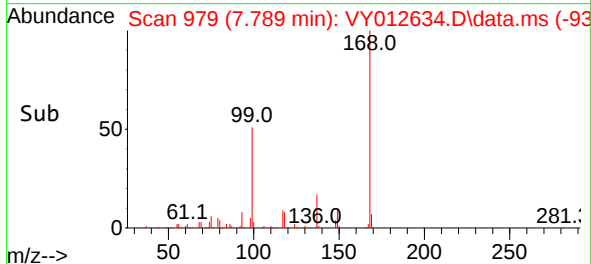
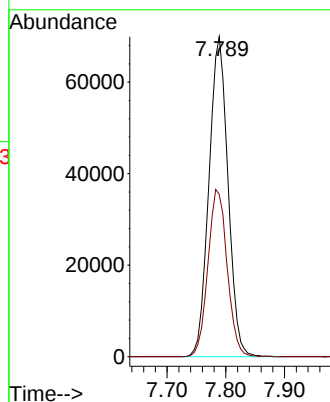
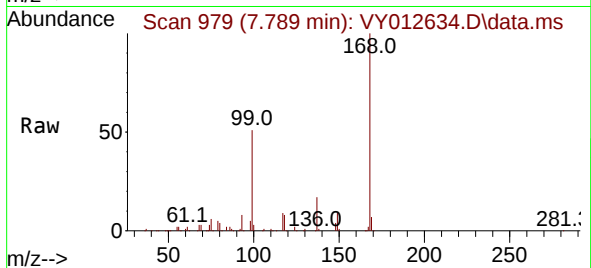




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

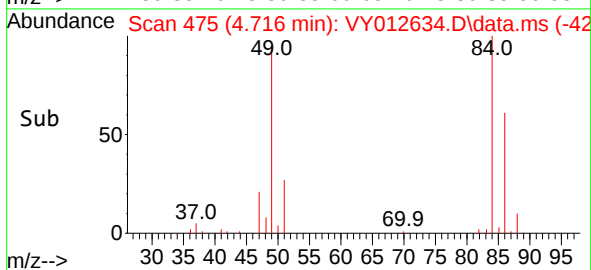
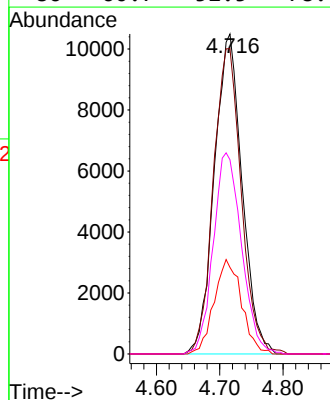
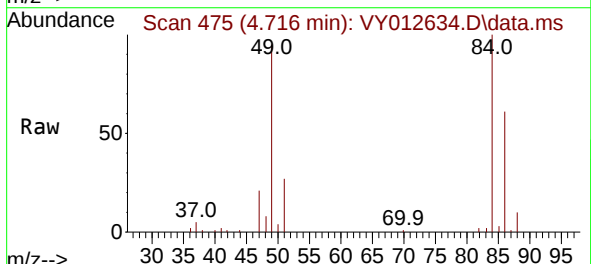
Instrument :
MSVOA_Y
ClientSampleId :
BU-3-021523

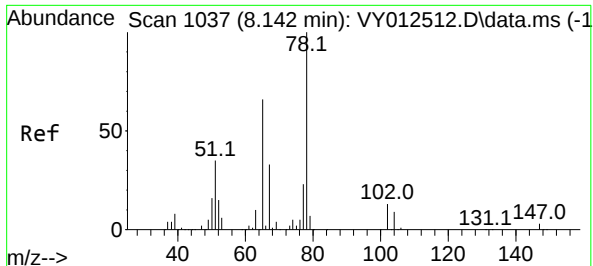
Tgt Ion:168 Resp: 157334
Ion Ratio Lower Upper
168 100
99 50.7 40.8 61.2



#20
Methylene Chloride
Concen: 14.751 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion: 84 Resp: 31883
Ion Ratio Lower Upper
84 100
49 95.4 79.8 119.6
51 27.0 23.4 35.2
86 60.7 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.421 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

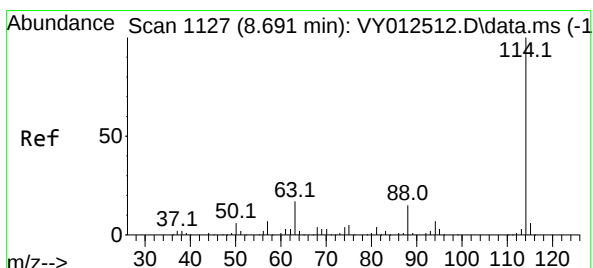
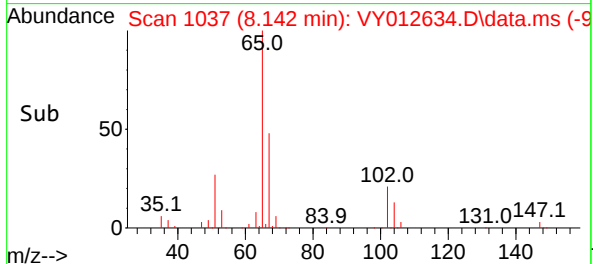
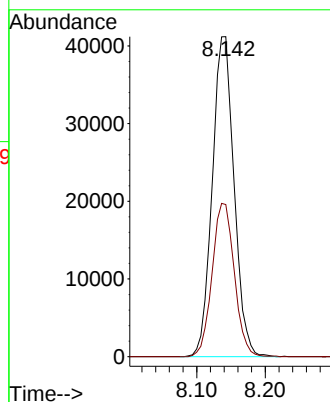
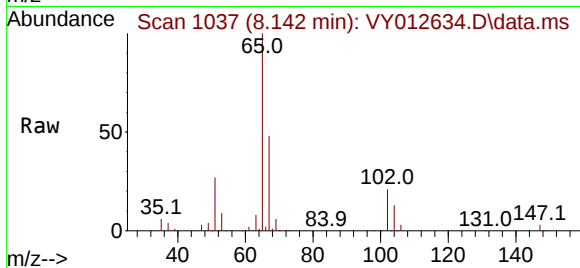
BU-3-021523

Tgt Ion: 65 Resp: 90874

Ion Ratio Lower Upper

65 100

67 48.9 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012634.D

Acq: 16 Feb 2023 13:39

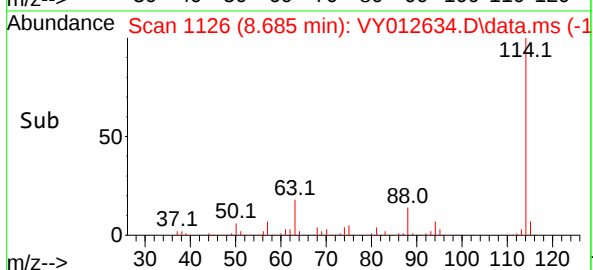
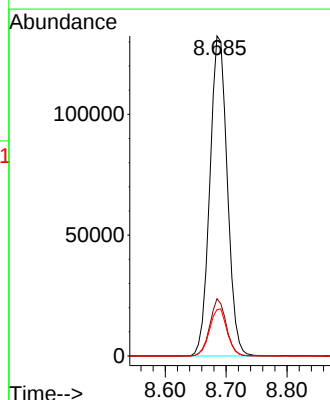
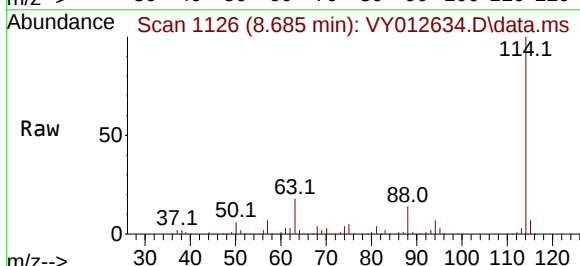
Tgt Ion: 114 Resp: 263136

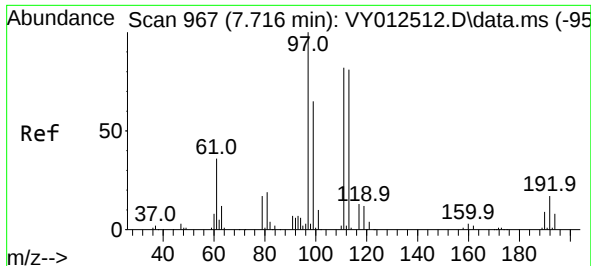
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.6

88 14.5 0.0 29.8

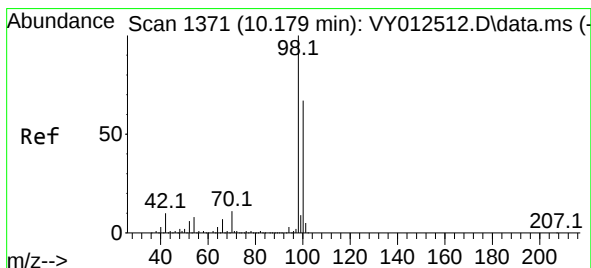
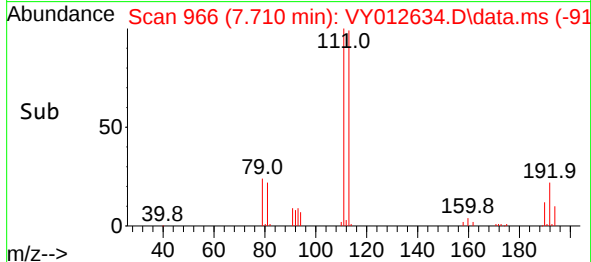
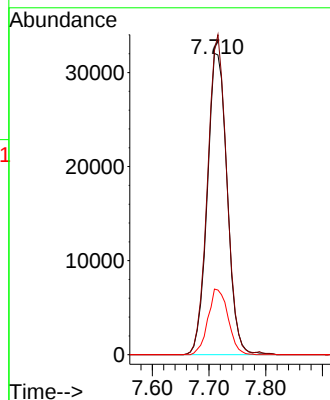
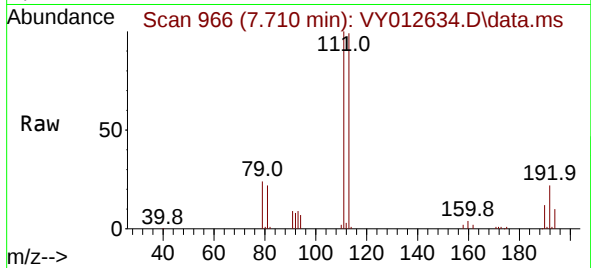




#35
Dibromofluoromethane
Concen: 40.729 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

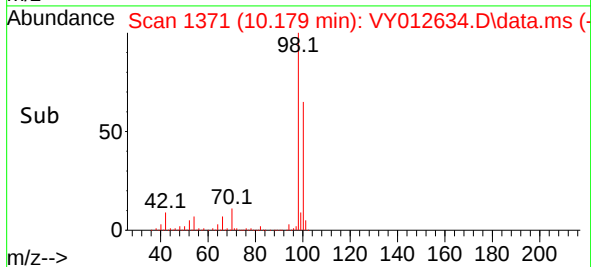
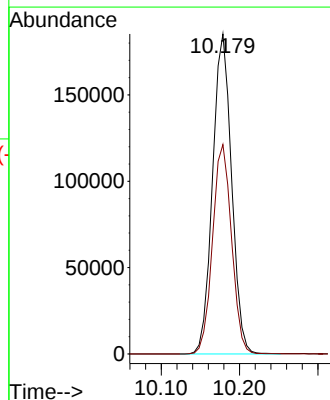
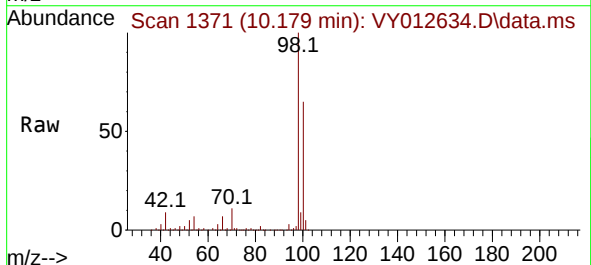
Instrument :
MSVOA_Y
ClientSampleId :
BU-3-021523

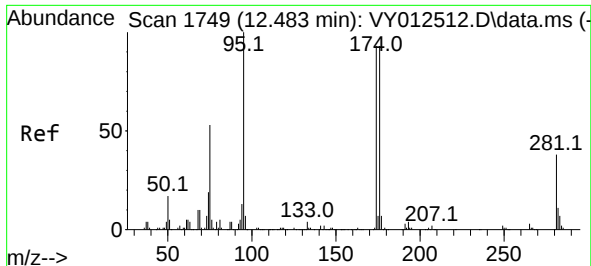
Tgt Ion:113 Resp: 78050
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 22.0 17.5 26.3



#50
Toluene-d8
Concen: 39.147 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion: 98 Resp: 312247
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

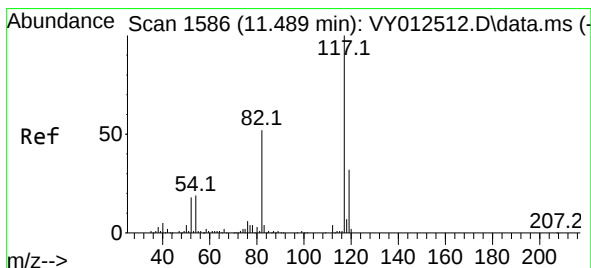
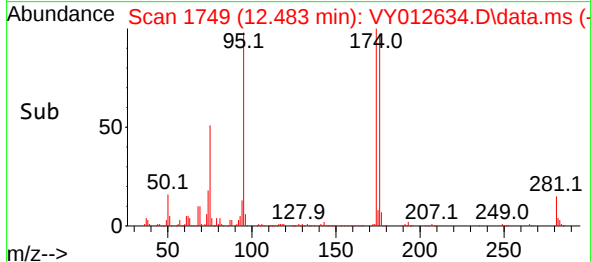
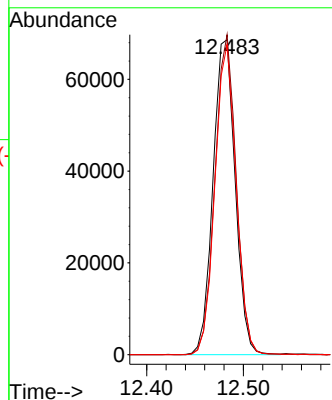
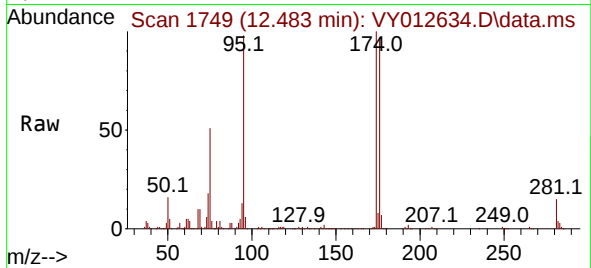




#62
4-Bromofluorobenzene
Concen: 39.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

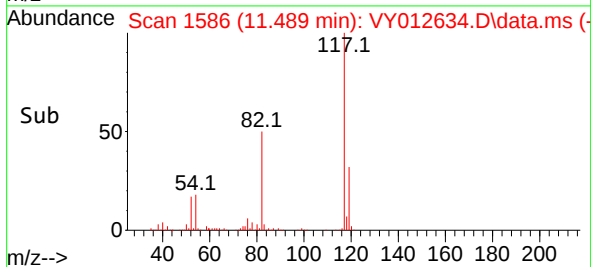
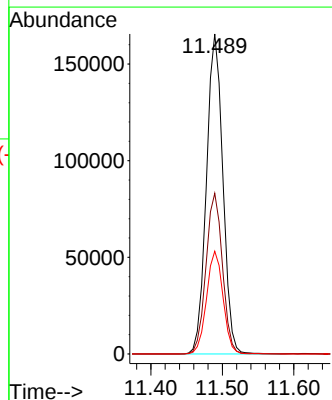
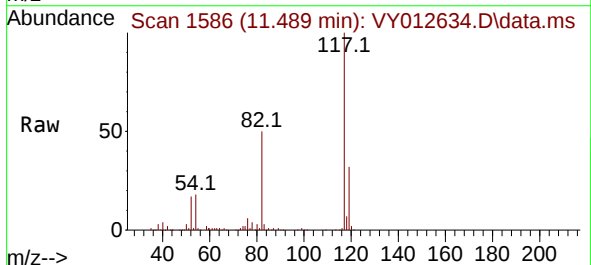
Instrument :
MSVOA_Y
ClientSampleId :
BU-3-021523

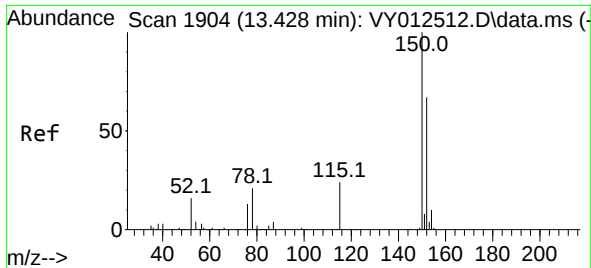
Tgt Ion:	95	Resp:	109442
Ion Ratio	Lower	Upper	
95	100		
174	97.2	0.0	188.0
176	94.1	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012634.D
Acq: 16 Feb 2023 13:39

Tgt Ion:	117	Resp:	264010
Ion Ratio	Lower	Upper	
117	100		
82	50.2	41.7	62.5
119	32.1	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012634.D
 Acq: 16 Feb 2023 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-3-021523

Tgt Ion:152 Resp: 130408
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.1 84.3
 150 157.2 0.0 351.0

