

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016082.D
 Acq On : 26 Oct 2023 17:04
 Operator : SY/MD
 Sample : VY1026SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBL01

Quant Time: Oct 27 04:18:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

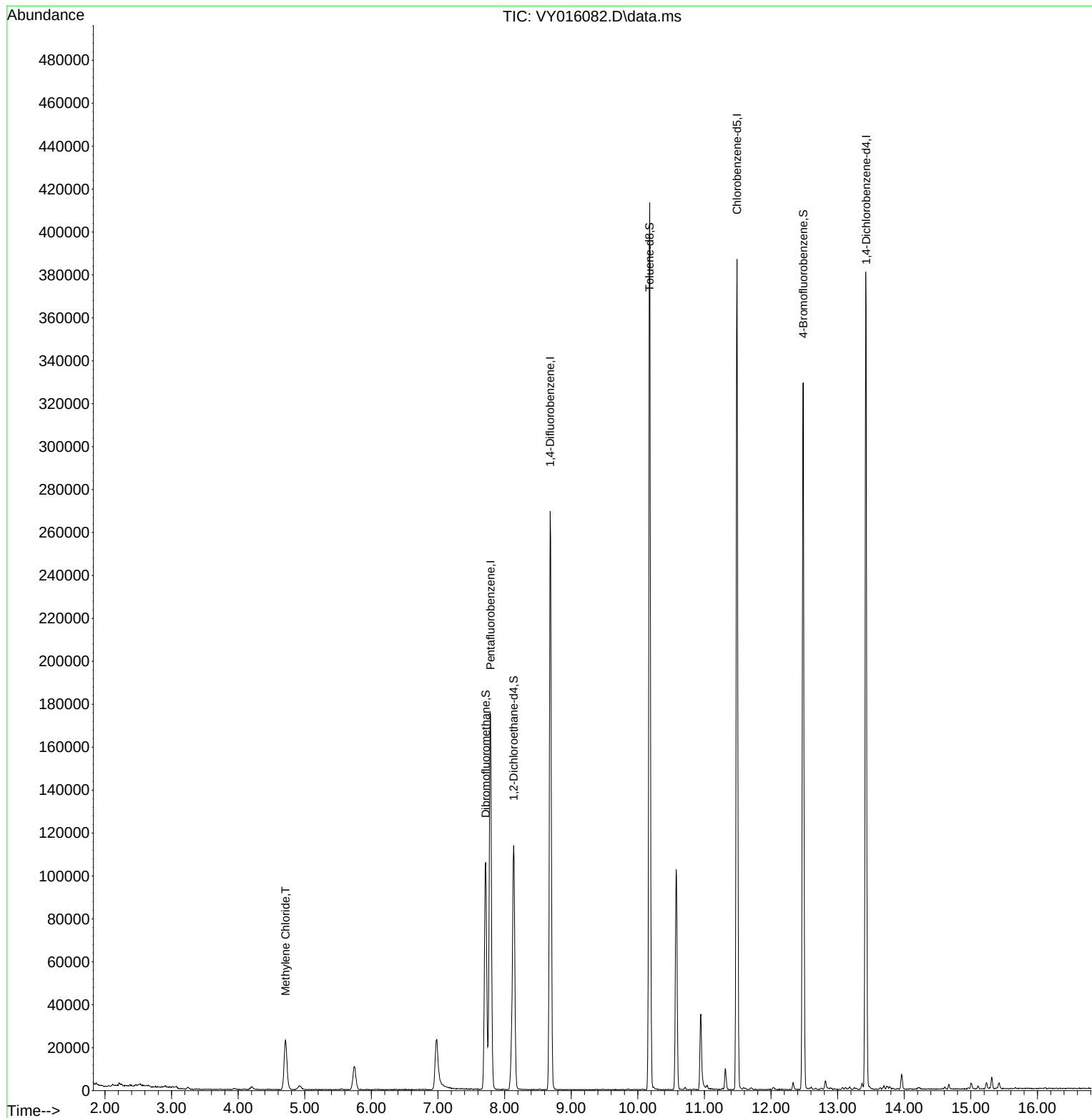
Internal Standards						
1) Pentafluorobenzene	7.789	168	141817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81820	58.021	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.716	113	77348	51.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.179	98	276754	49.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.483	95	92770	48.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.420%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	18186	7.231	ug/l	87

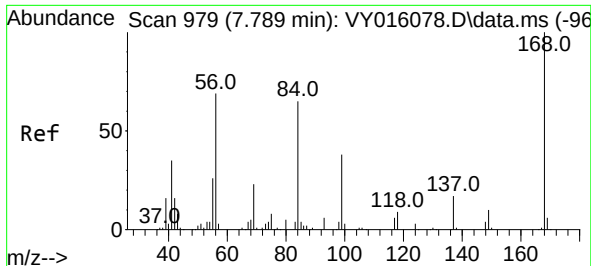
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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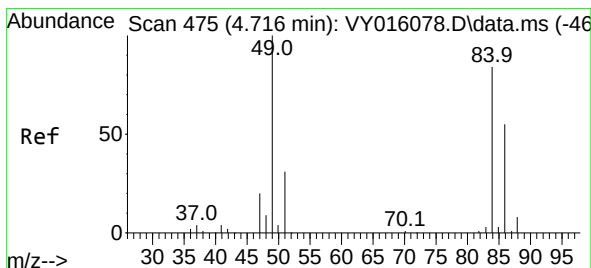
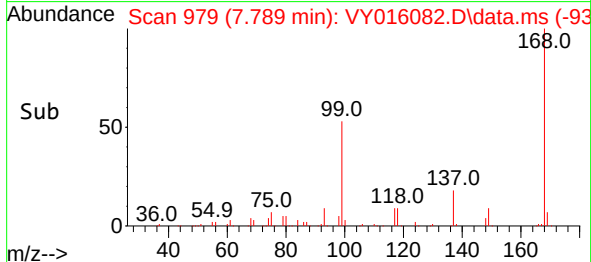
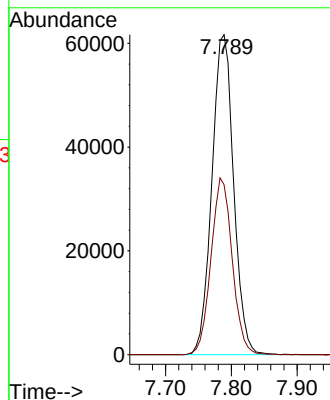
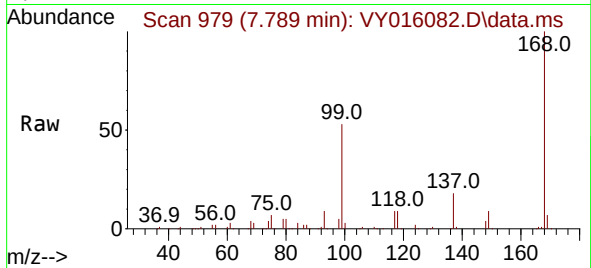




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

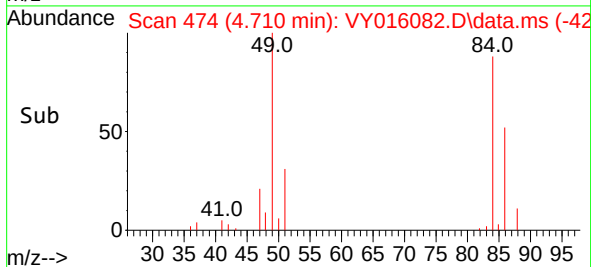
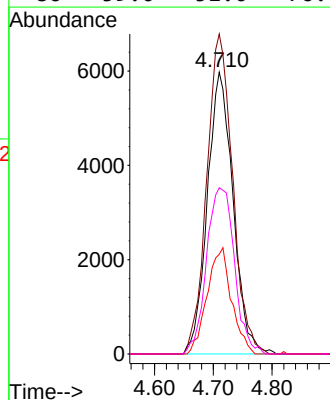
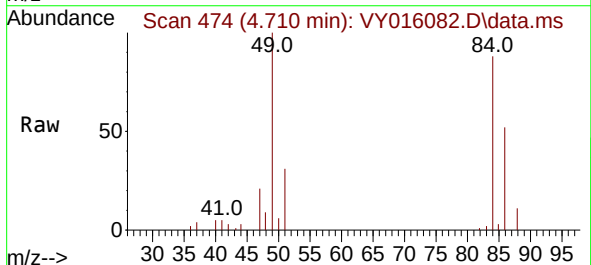
Instrument :
MSVOA_Y
ClientSampleId :
VY1026SBL01

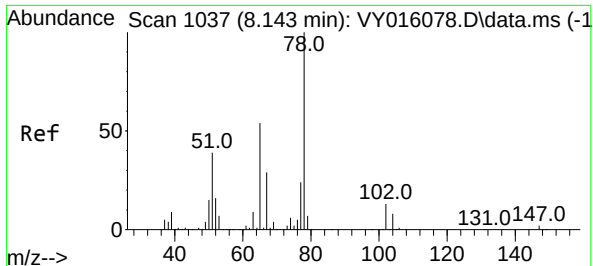
Tgt Ion:168 Resp: 141817
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#20
Methylene Chloride
Concen: 7.231 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

Tgt Ion: 84 Resp: 18186
Ion Ratio Lower Upper
84 100
49 113.6 106.9 160.3
51 35.4 33.2 49.8
86 59.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.021 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016082.D

Acq: 26 Oct 2023 17:04

Instrument :

MSVOA_Y

ClientSampleId :

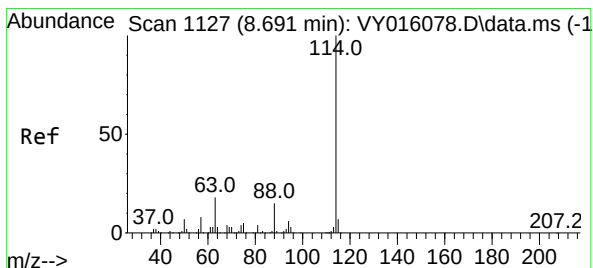
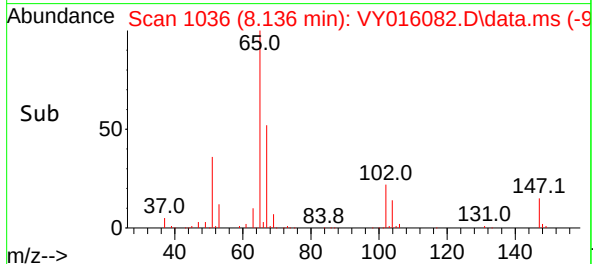
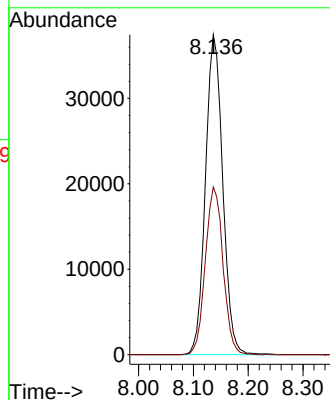
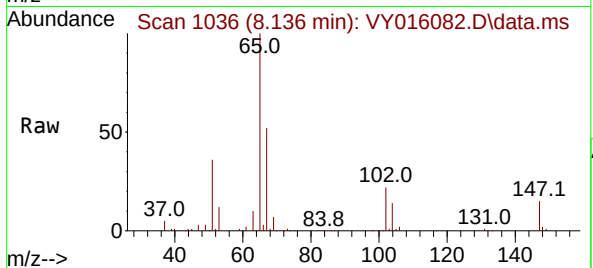
VY1026SBL01

Tgt Ion: 65 Resp: 81820

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016082.D

Acq: 26 Oct 2023 17:04

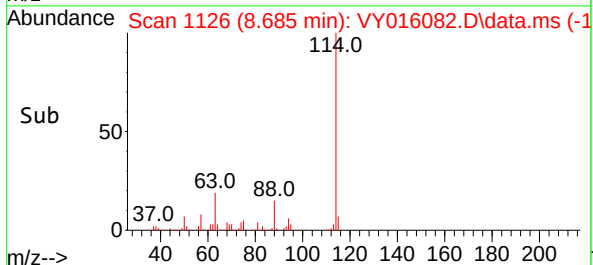
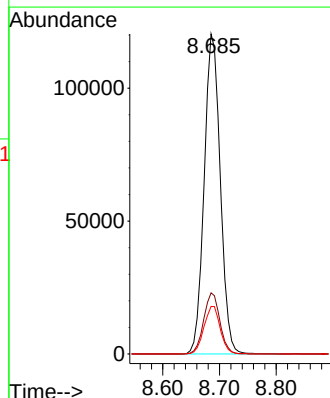
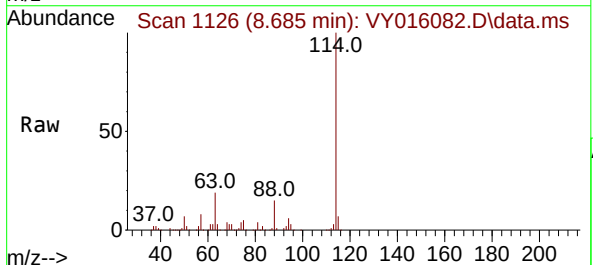
Tgt Ion: 114 Resp: 237445

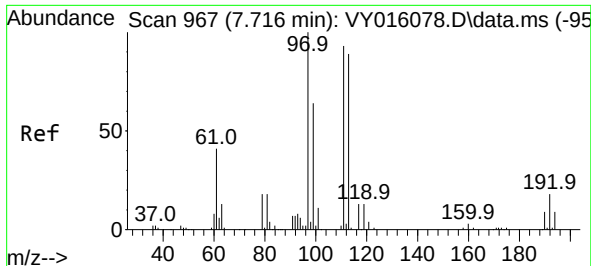
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.8 0.0 30.6

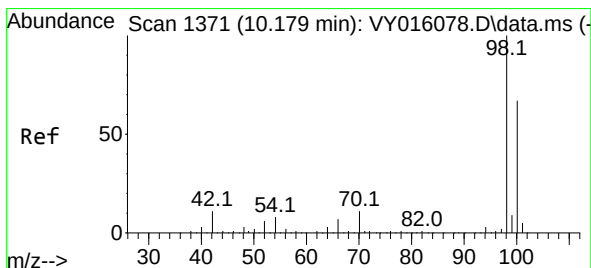
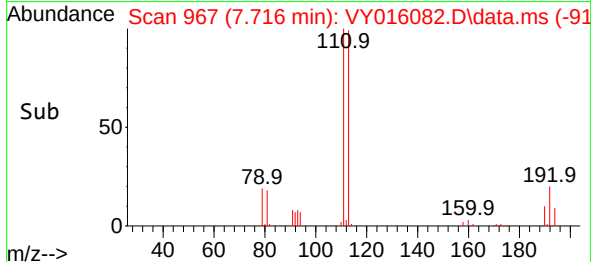
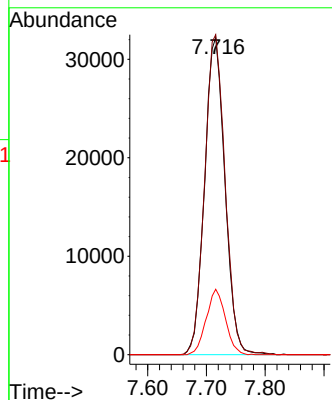
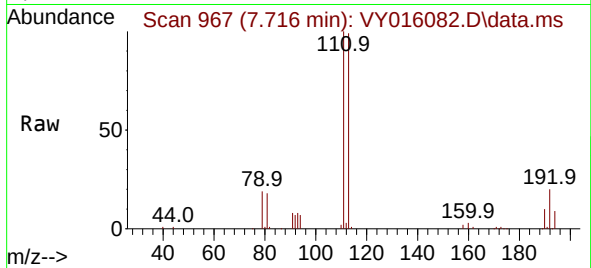




#35
Dibromofluoromethane
Concen: 51.600 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

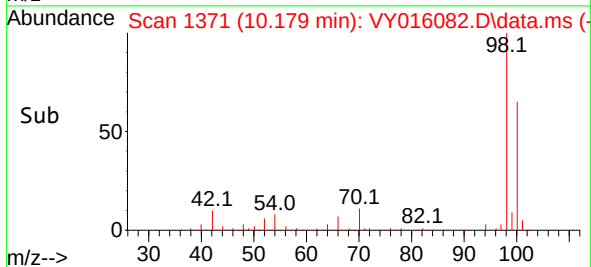
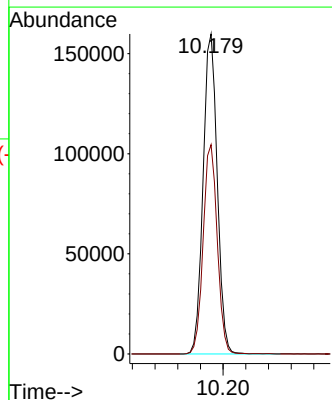
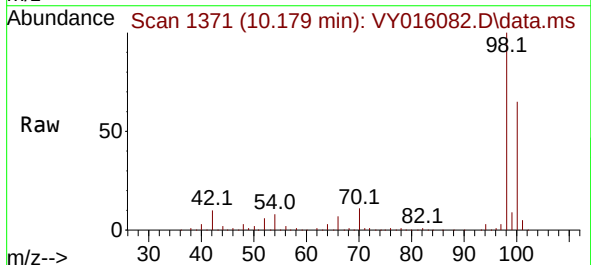
Instrument :
MSVOA_Y
ClientSampleId :
VY1026SBL01

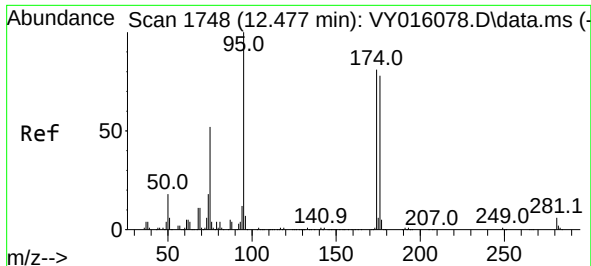
Tgt Ion:113 Resp: 77348
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 49.843 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

Tgt Ion: 98 Resp: 276754
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

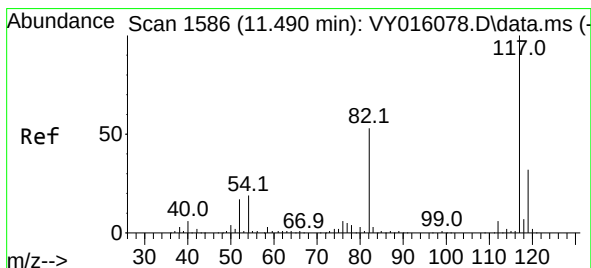
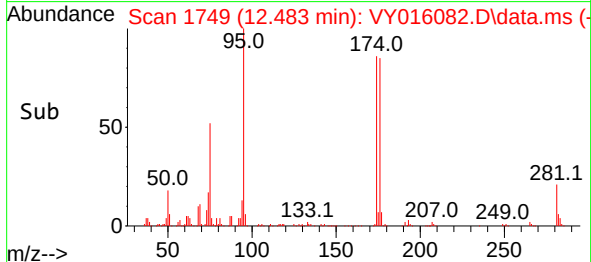
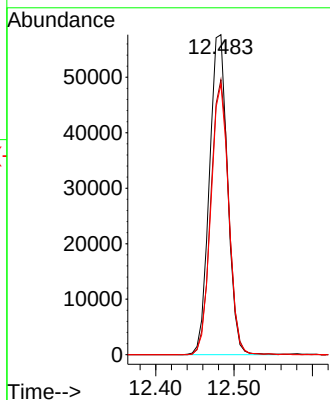
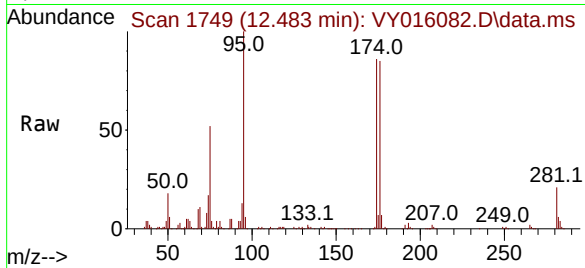




#62
4-Bromofluorobenzene
Concen: 48.707 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

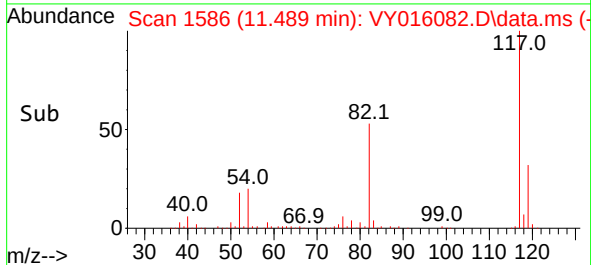
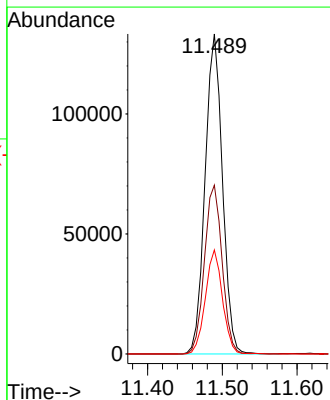
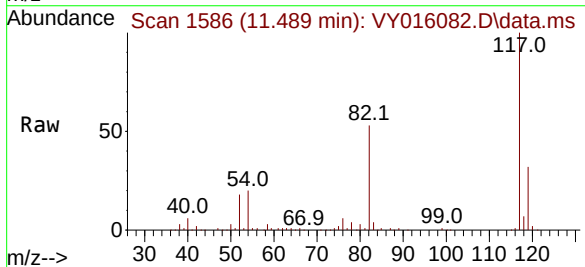
Instrument :
MSVOA_Y
ClientSampleId :
VY1026SBL01

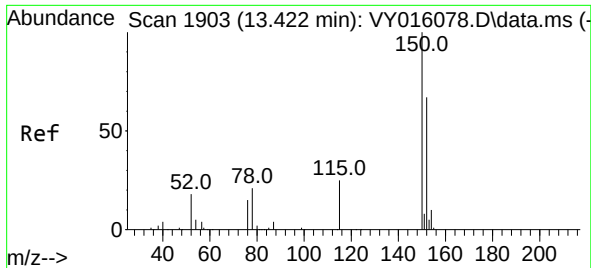
Tgt Ion: 95 Resp: 92770
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

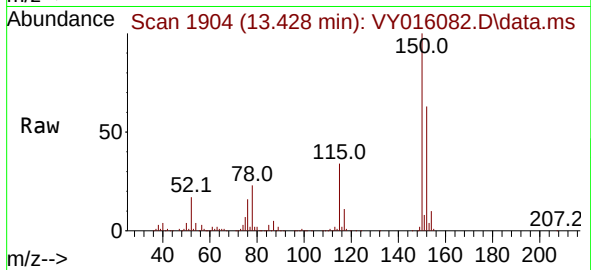
Tgt Ion: 117 Resp: 214969
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY016082.D
 Acq: 26 Oct 2023 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBL01



Tgt Ion:152 Resp: 100000
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.8 86.5
 150 157.8 0.0 348.8

