

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016227.D
 Acq On : 06 Nov 2023 10:39
 Operator : SY/MD
 Sample : VY1106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBL01

Quant Time: Nov 06 23:54:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

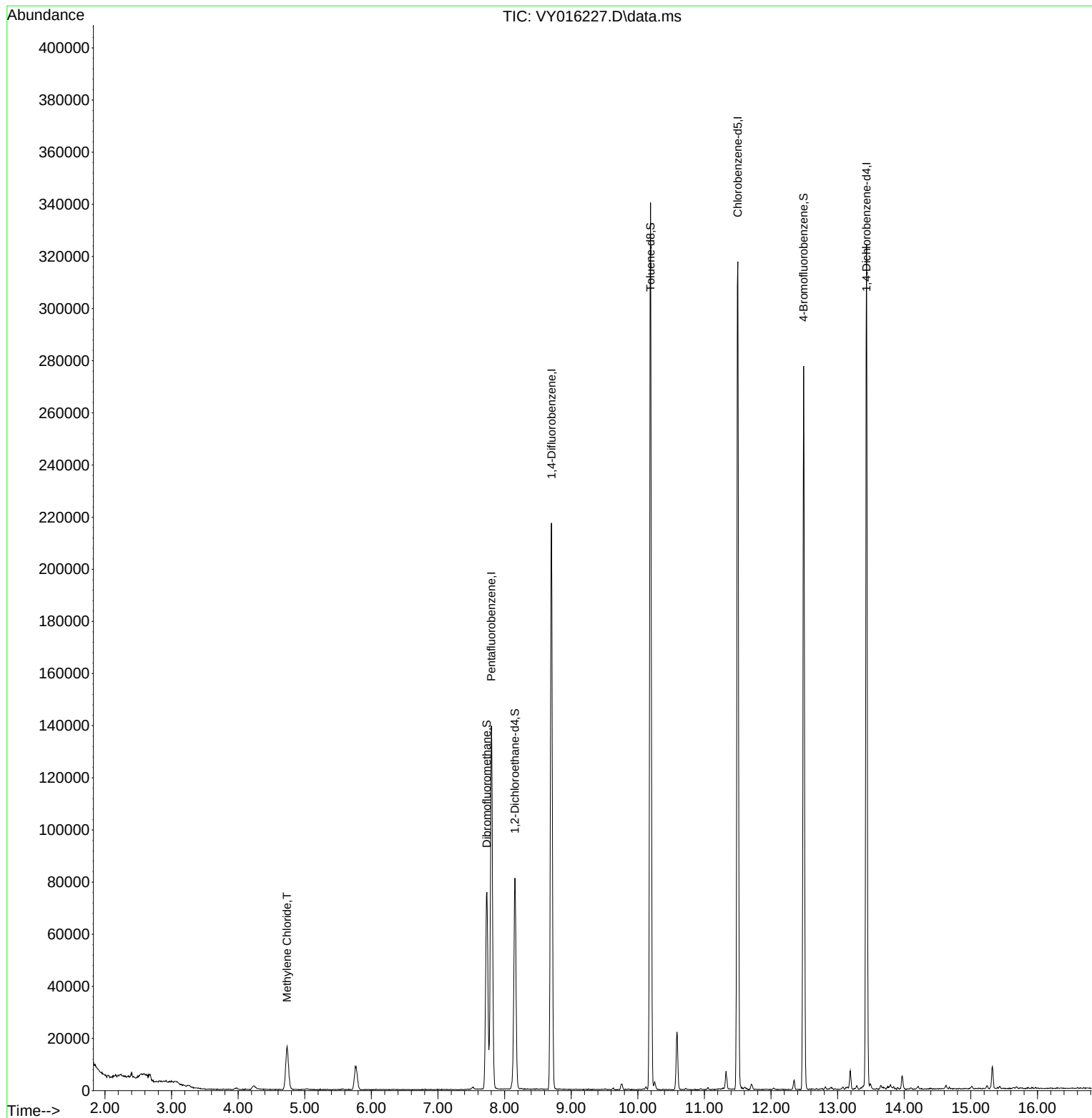
Internal Standards						
1) Pentafluorobenzene	7.801	168	109827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	191011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	181806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62274	60.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.200%
35) Dibromofluoromethane	7.734	113	55642	48.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.191	98	224528	49.730	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.489	95	78914	51.115	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.220%
Target Compounds						
20) Methylene Chloride	4.734	84	12617	9.610	ug/l	93

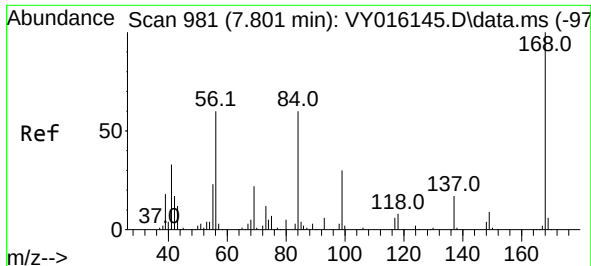
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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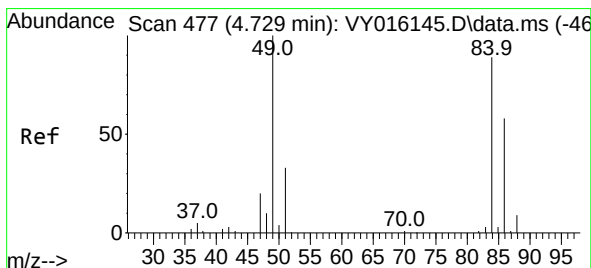
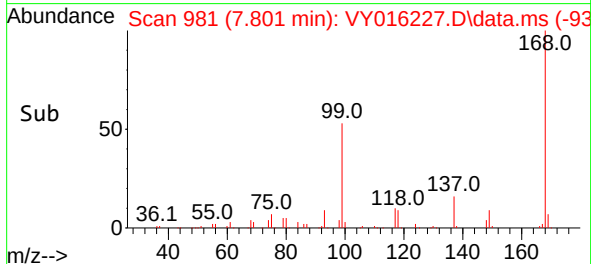
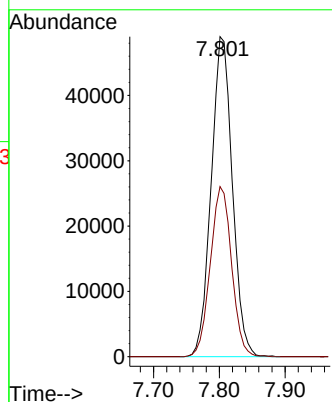
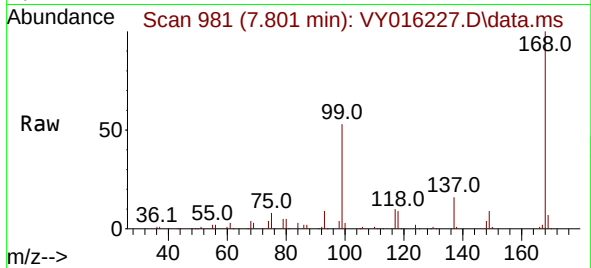




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

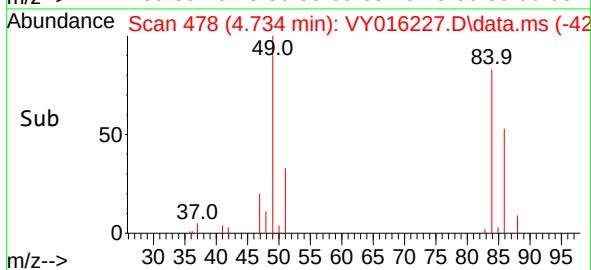
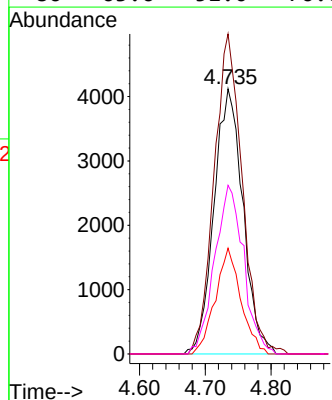
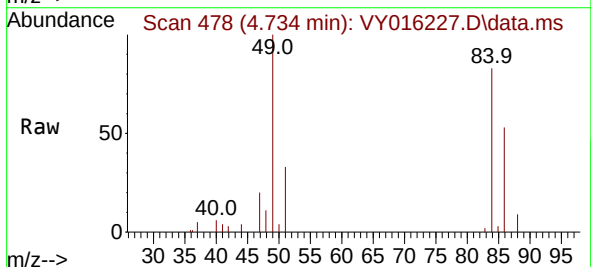
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBL01

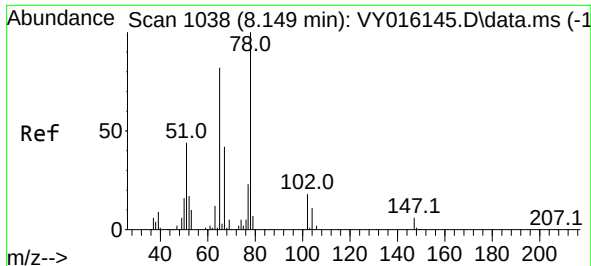
Tgt Ion:168 Resp: 109827
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#20
Methylene Chloride
Concen: 9.610 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

Tgt Ion: 84 Resp: 12617
Ion Ratio Lower Upper
84 100
49 120.7 106.9 160.3
51 39.9 33.2 49.8
86 63.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.596 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016227.D

Acq: 06 Nov 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

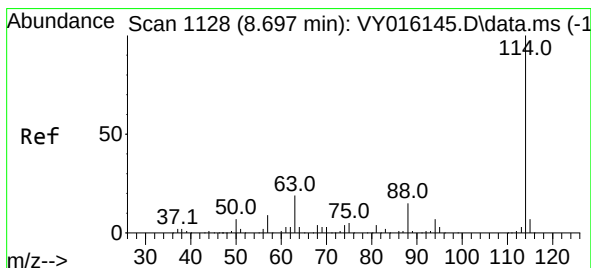
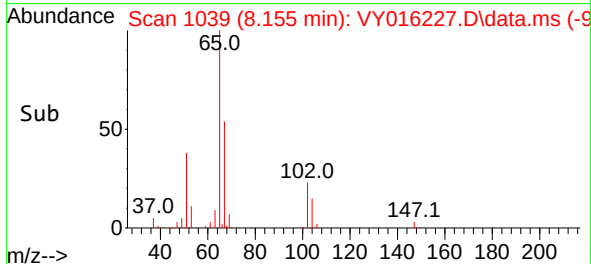
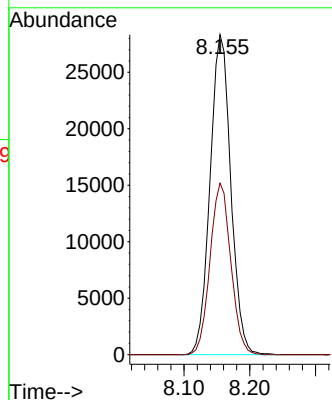
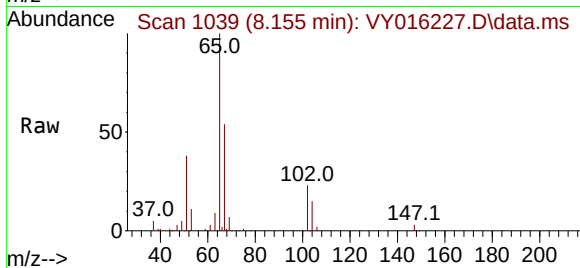
VY1106SBL01

Tgt Ion: 65 Resp: 62274

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016227.D

Acq: 06 Nov 2023 10:39

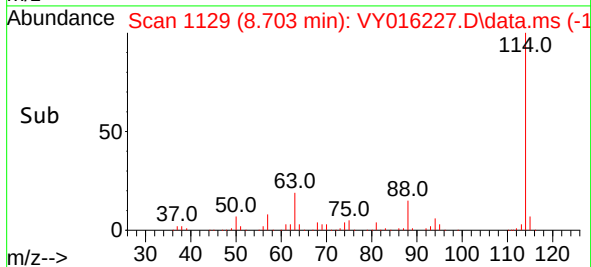
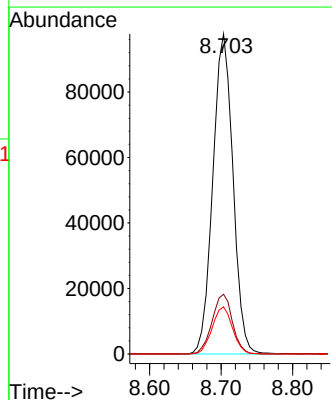
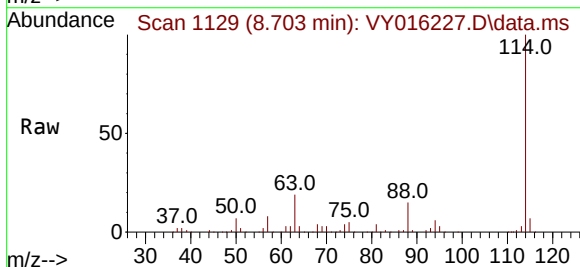
Tgt Ion: 114 Resp: 191011

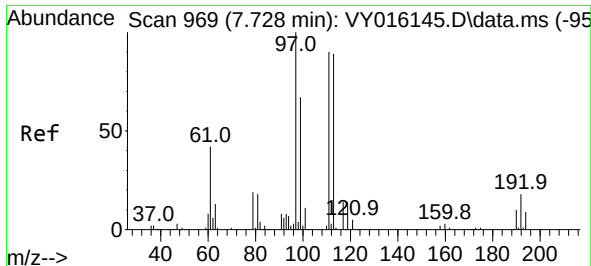
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.7 0.0 30.6

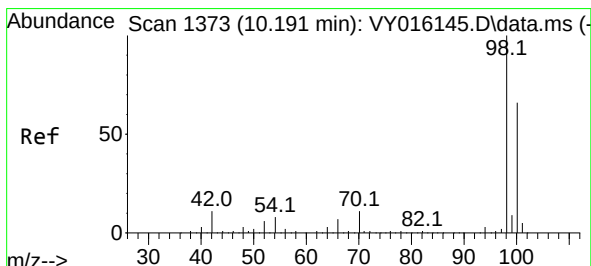
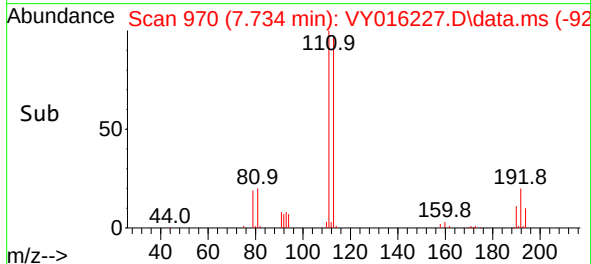
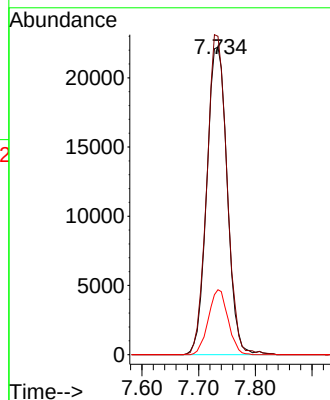
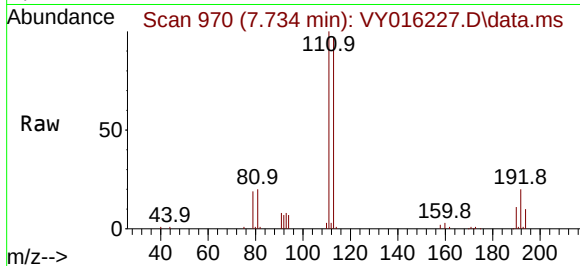




#35
 Dibromofluoromethane
 Concen: 48.862 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016227.D
 Acq: 06 Nov 2023 10:39

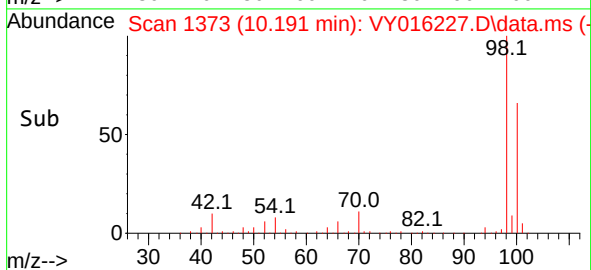
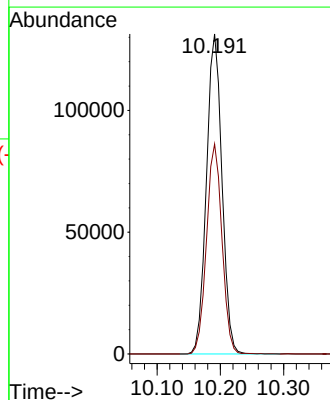
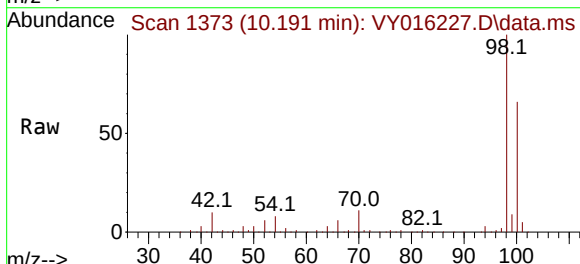
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBL01

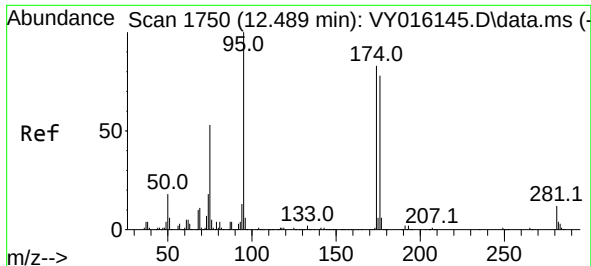
Tgt Ion:	113	Resp:	55642
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	20.2	16.9	25.3



#50
 Toluene-d8
 Concen: 49.730 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016227.D
 Acq: 06 Nov 2023 10:39

Tgt Ion:	98	Resp:	224528
Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.1	75.1

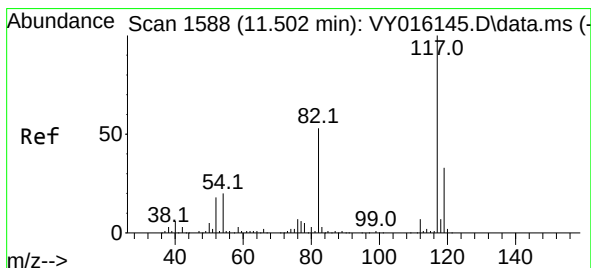
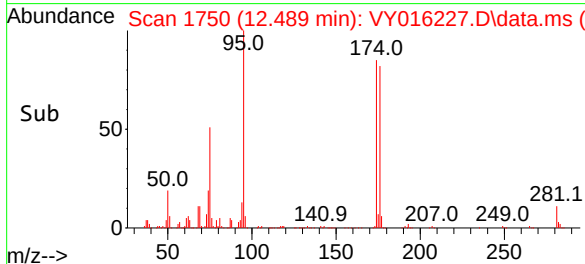
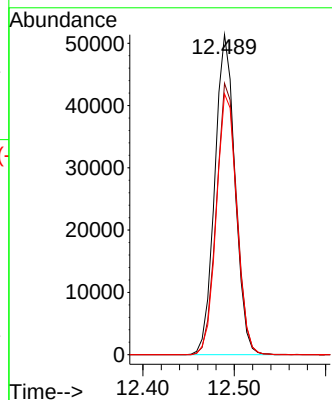
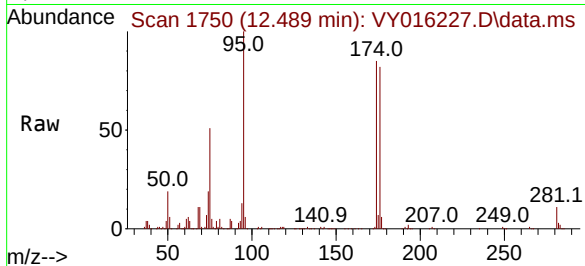




#62
4-Bromofluorobenzene
Concen: 51.115 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

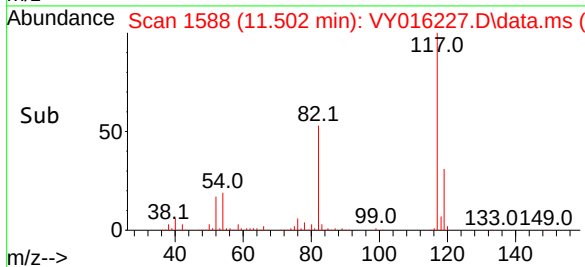
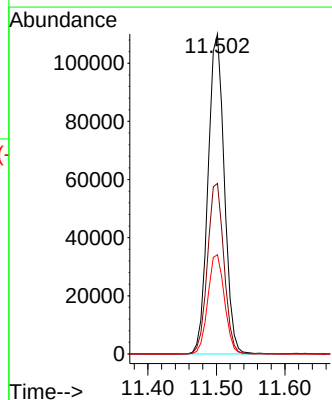
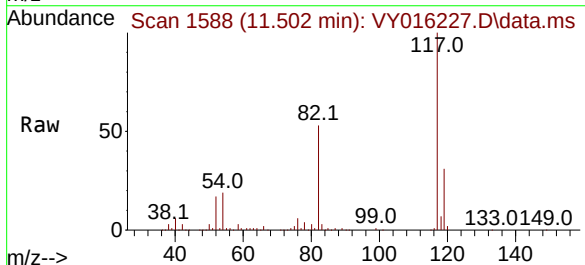
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBL01

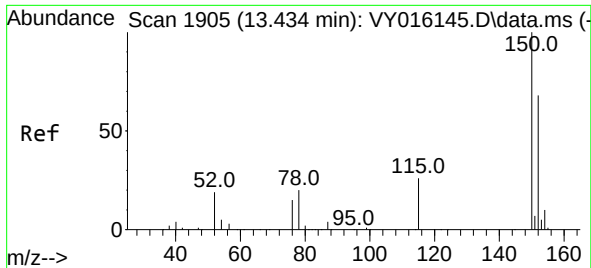
Tgt Ion: 95 Resp: 78914
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

Tgt Ion: 117 Resp: 181806
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.0 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: VY016227.D

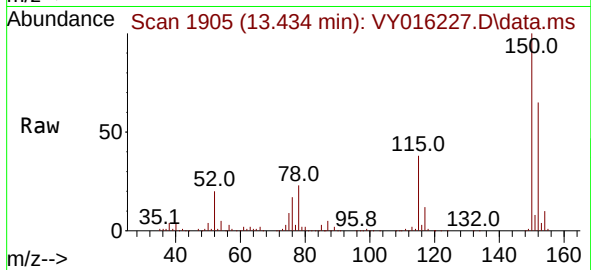
Acq: 06 Nov 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBL01



Tgt Ion:152 Resp: 83622

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 157.0 0.0 348.8

