

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016051.D
 Acq On : 19 Oct 2023 20:40
 Operator : SY/MD
 Sample : 04843-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Oct 20 05:42:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

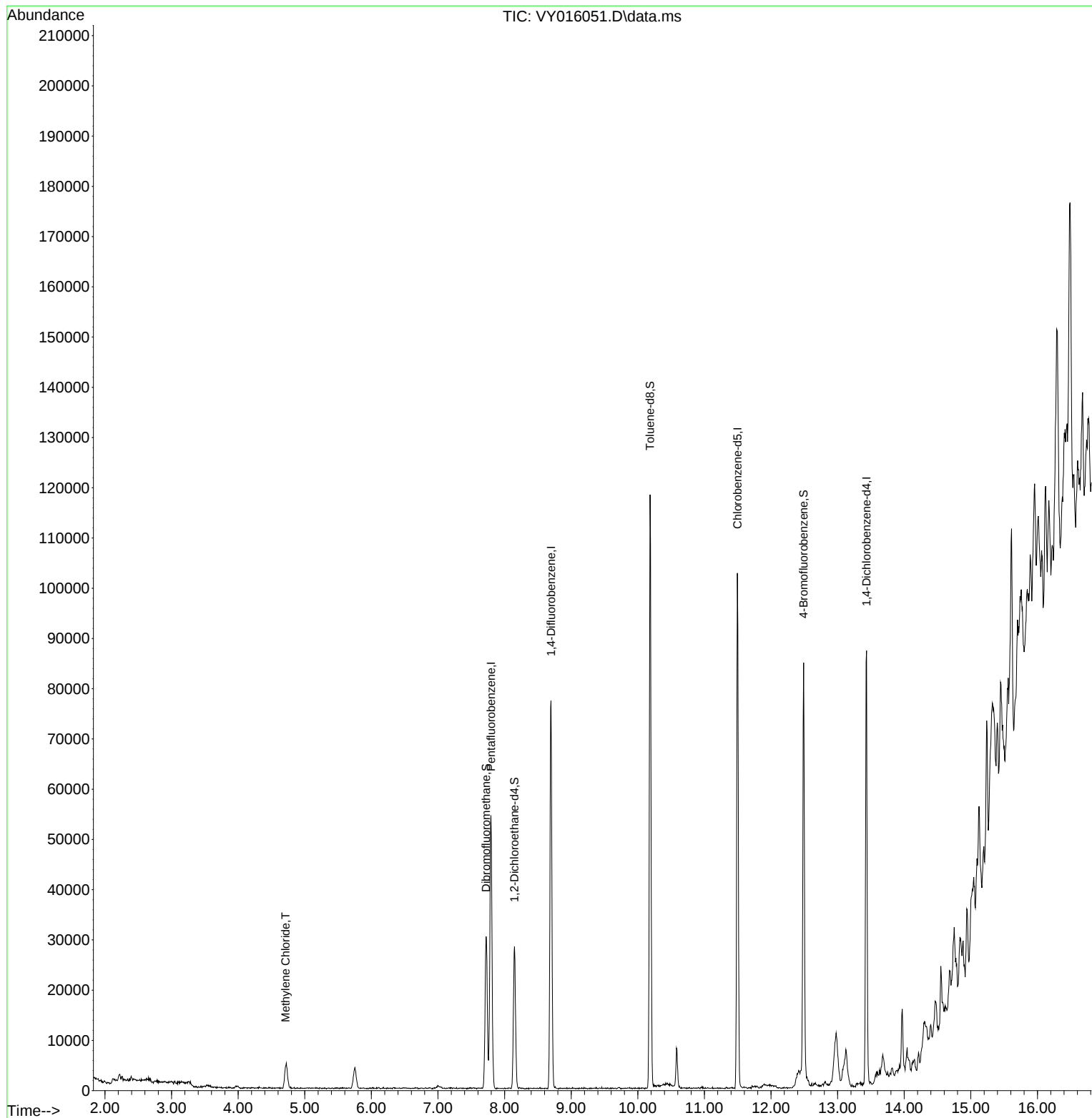
Internal Standards						
1) Pentafluorobenzene	7.795	168	42827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	56392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	23337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22383	45.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.960%
35) Dibromofluoromethane	7.722	113	21794	48.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.820%
50) Toluene-d8	10.185	98	77314	47.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.489	95	22329	38.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.340%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	3997	7.457	ug/l #	74

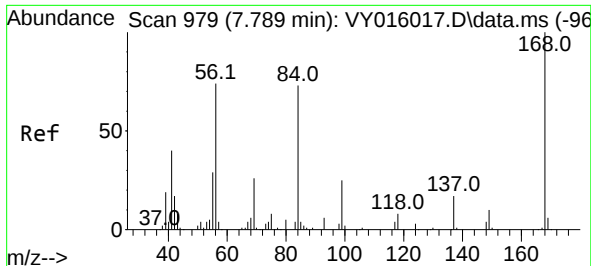
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016051.D
Acq On : 19 Oct 2023 20:40
Operator : SY/MD
Sample : 04843-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Time: Oct 20 05:42:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration

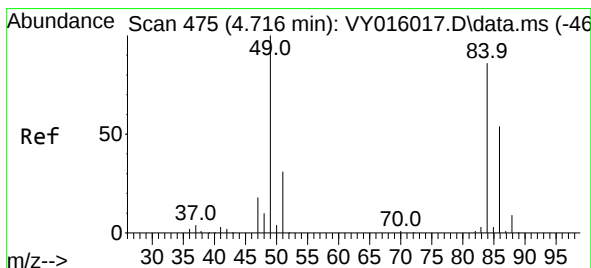
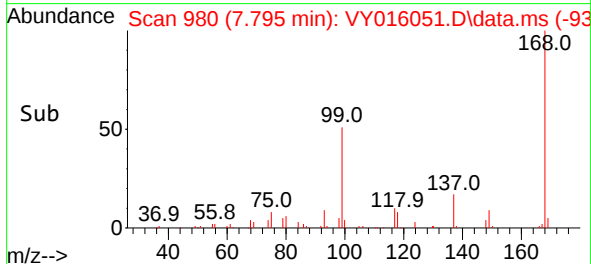
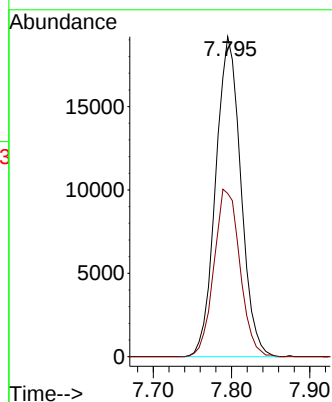
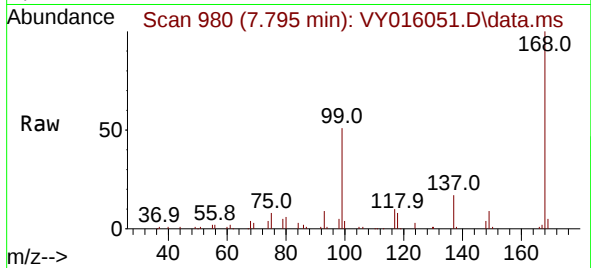




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016051.D
Acq: 19 Oct 2023 20:40

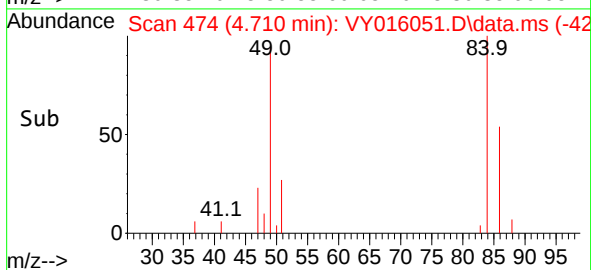
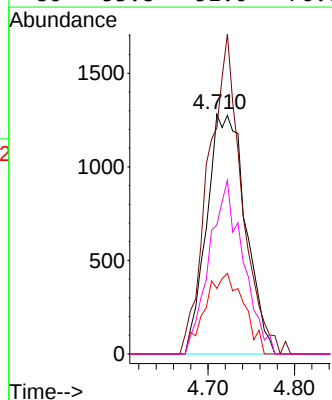
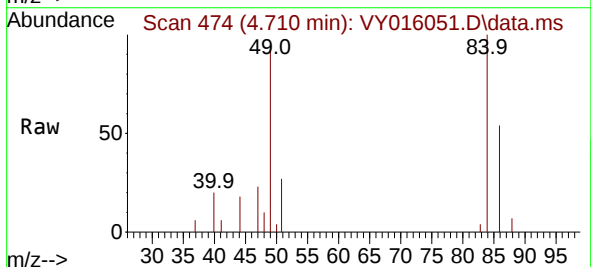
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

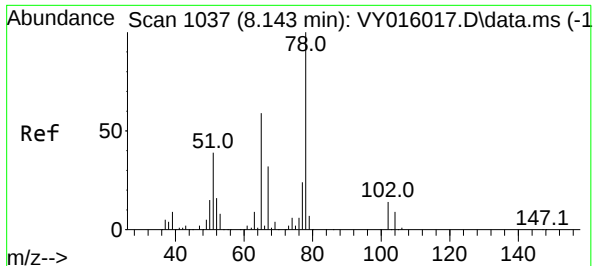
Tgt Ion:168 Resp: 42827
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#20
Methylene Chloride
Concen: 7.457 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016051.D
Acq: 19 Oct 2023 20:40

Tgt Ion: 84 Resp: 3997
Ion Ratio Lower Upper
84 100
49 94.3 106.9 160.3#
51 27.4 33.2 49.8#
86 53.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 45.984 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016051.D

Acq: 19 Oct 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

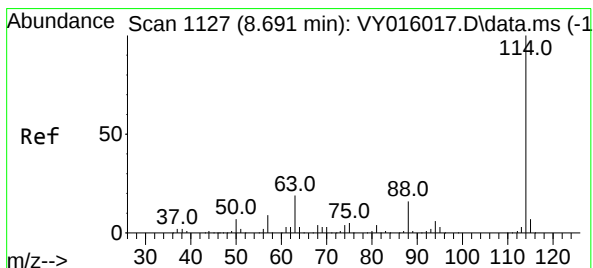
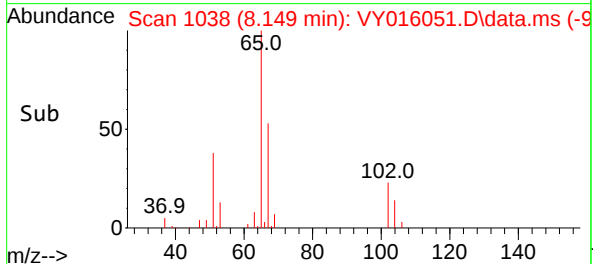
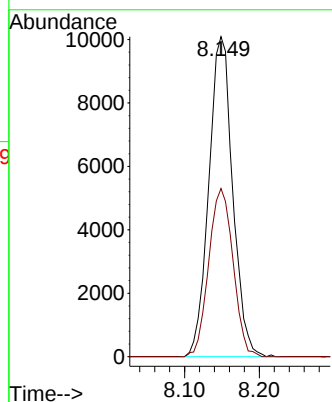
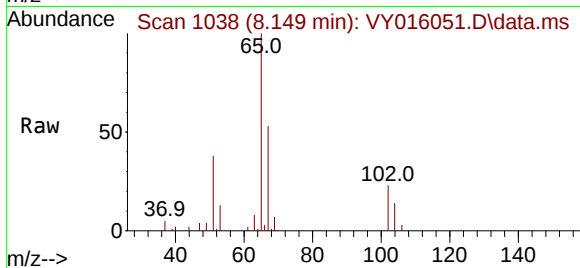
WC-1

Tgt Ion: 65 Resp: 22383

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016051.D

Acq: 19 Oct 2023 20:40

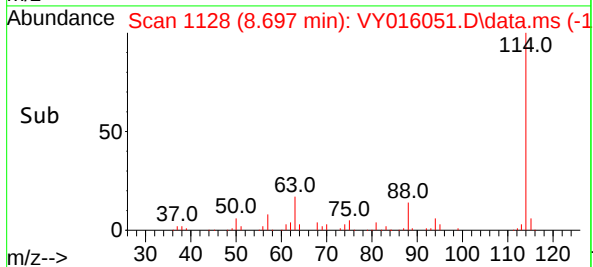
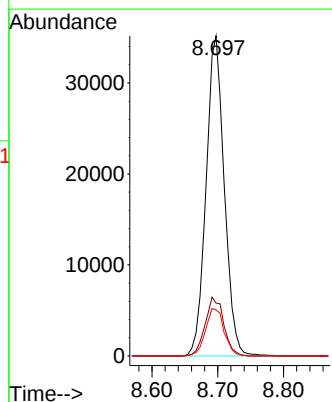
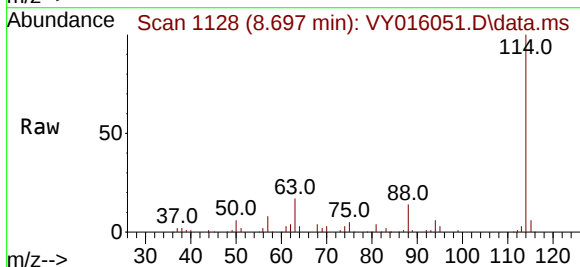
Tgt Ion: 114 Resp: 67700

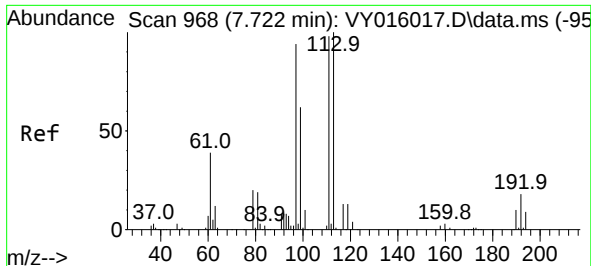
Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

88 14.4 0.0 30.6

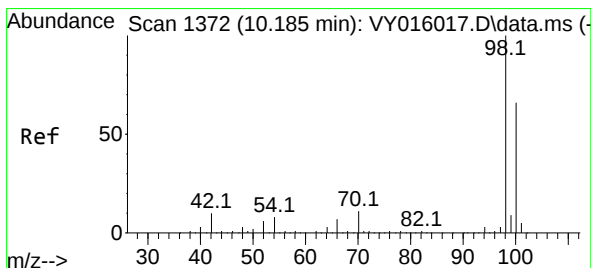
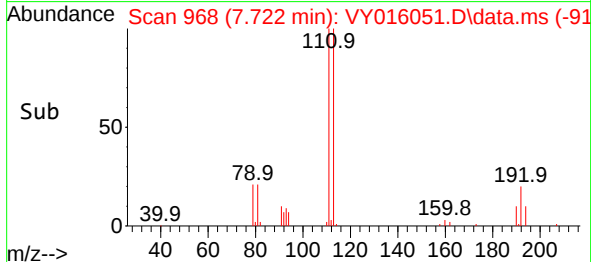
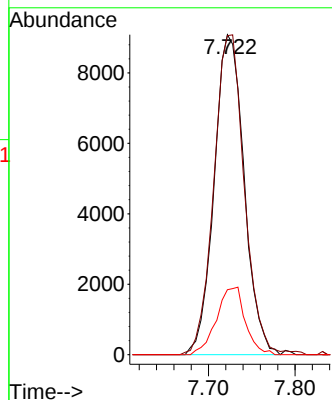
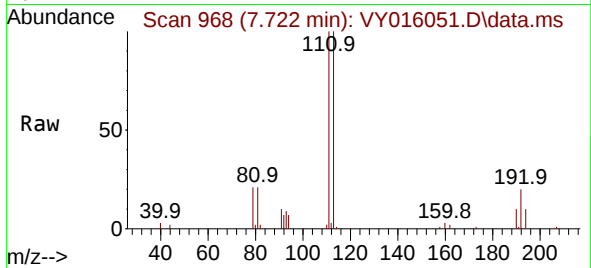




#35
Dibromofluoromethane
Concen: 48.908 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016051.D
Acq: 19 Oct 2023 20:40

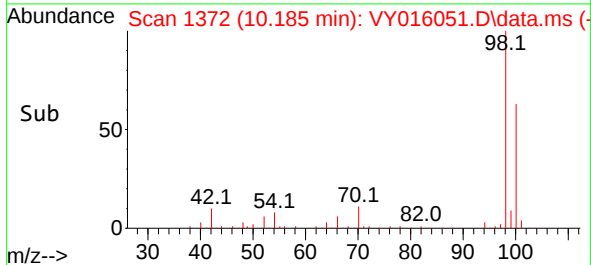
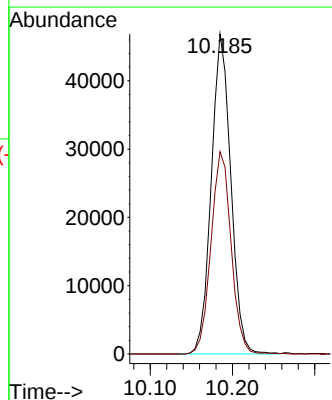
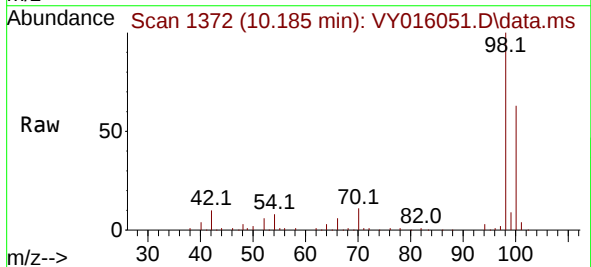
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

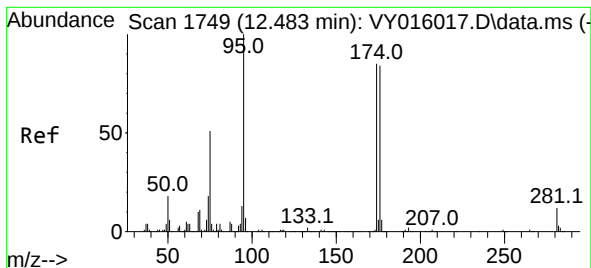
Tgt Ion:113 Resp: 21794
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.3 16.9 25.3



#50
Toluene-d8
Concen: 47.772 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016051.D
Acq: 19 Oct 2023 20:40

Tgt Ion: 98 Resp: 77314
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

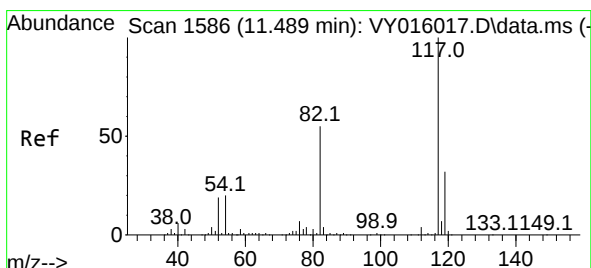
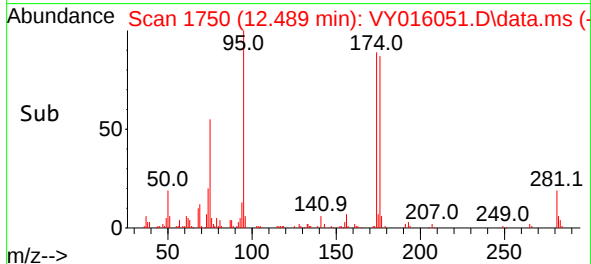
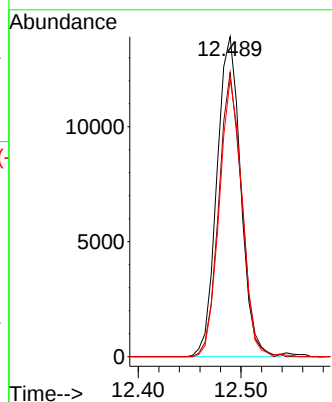
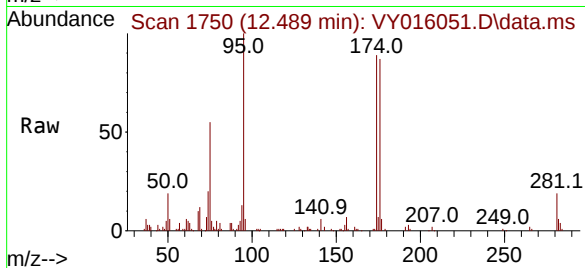




#62
4-Bromofluorobenzene
Concen: 38.667 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016051.D
Acq: 19 Oct 2023 20:40

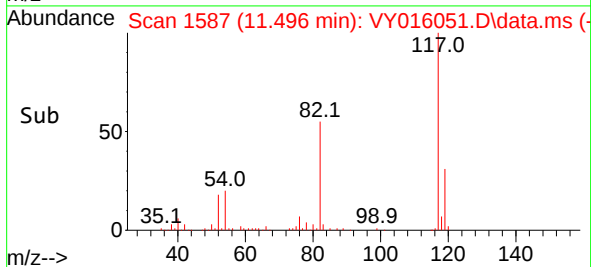
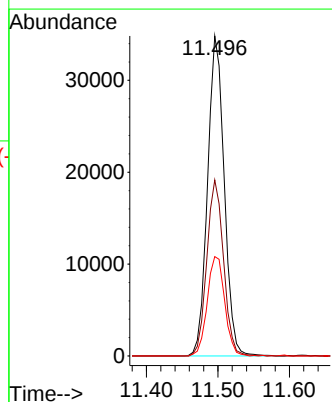
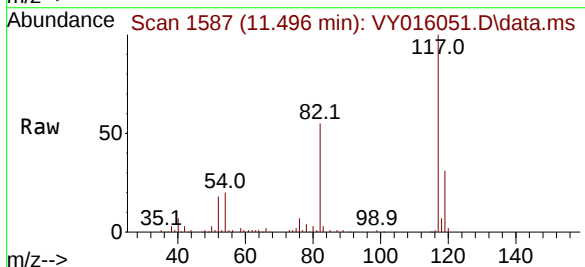
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

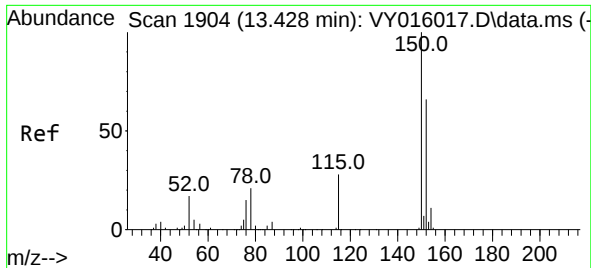
Tgt Ion: 95 Resp: 22329
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016051.D
Acq: 19 Oct 2023 20:40

Tgt Ion: 117 Resp: 56392
Ion Ratio Lower Upper
117 100
82 55.0 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. 0.006 min

Lab File: VY016051.D

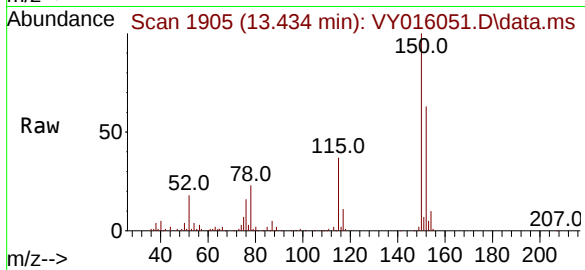
Acq: 19 Oct 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 23337

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.1 0.0 348.8

