

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016028.D
 Acq On : 18 Oct 2023 18:28
 Operator : SY/MD
 Sample : 04938-08
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-4(2-6)

Quant Time: Oct 19 03:27:37 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)

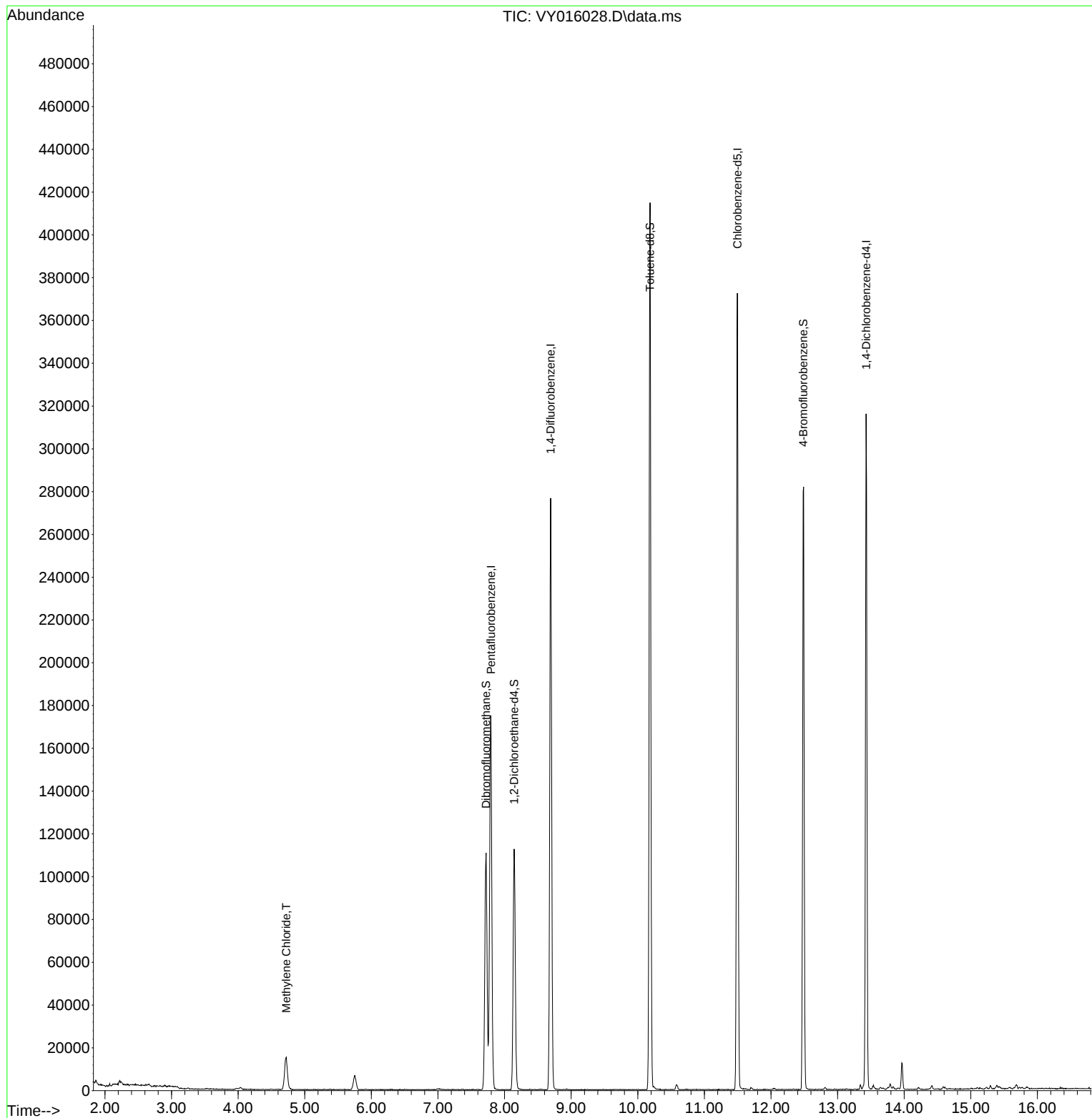
Internal Standards						
1) Pentafluorobenzene	7.795	168	141155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89252	55.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.722	113	78251	49.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.185	98	273954	47.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.483	95	84293	41.353	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.723	84	11638	6.587	ug/l #	82

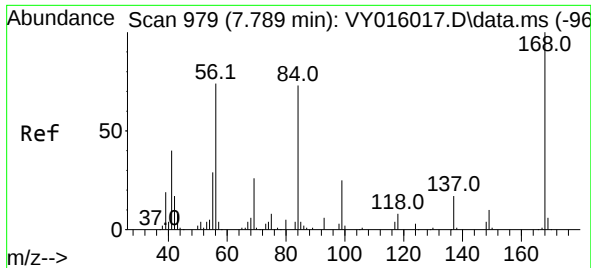
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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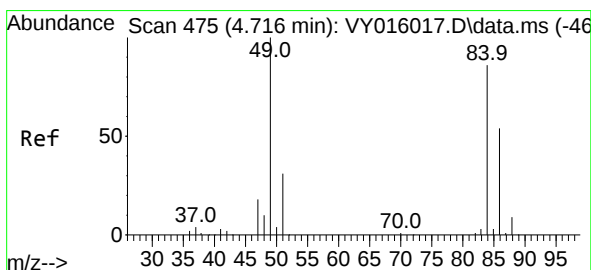
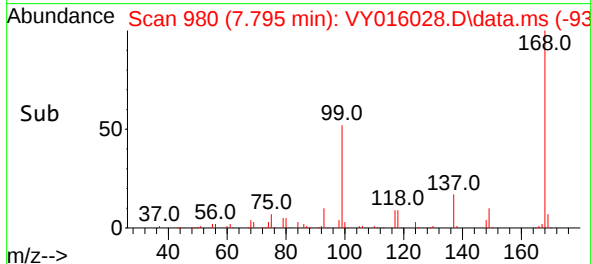
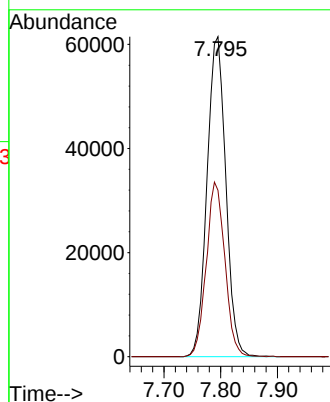
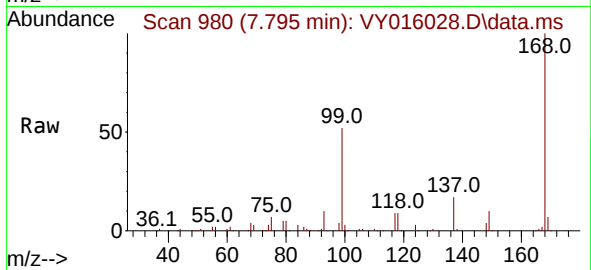




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

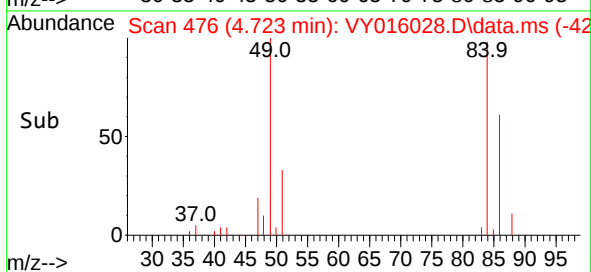
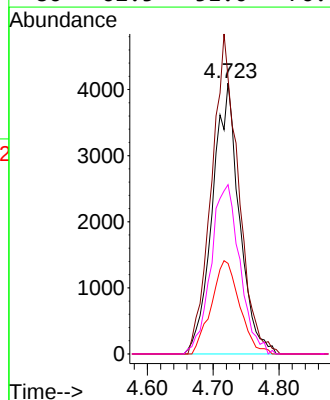
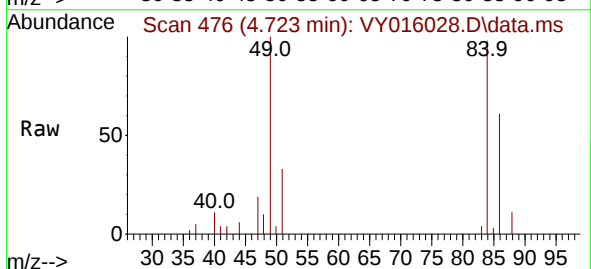
Instrument :
MSVOA_Y
ClientSampleId :
A-4(2-6)

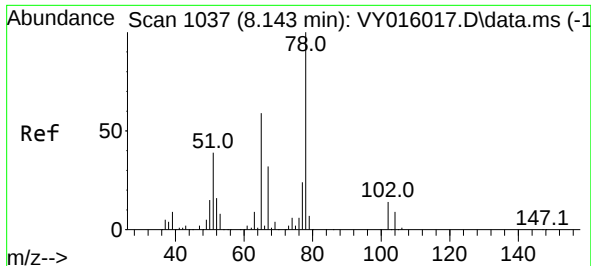
Tgt Ion:168 Resp: 141155
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#20
Methylene Chloride
Concen: 6.587 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Tgt Ion: 84 Resp: 11638
Ion Ratio Lower Upper
84 100
49 102.0 106.9 160.3#
51 33.4 33.2 49.8
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.632 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY016028.D

Acq: 18 Oct 2023 18:28

Instrument :

MSVOA_Y

ClientSampleId :

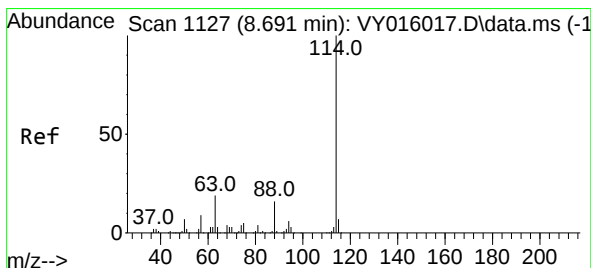
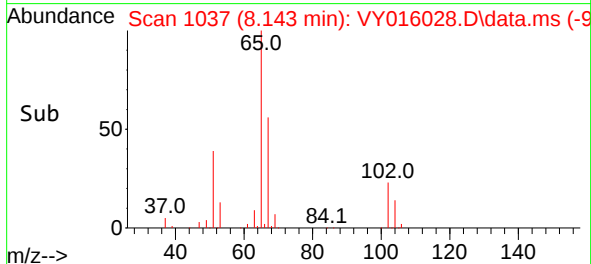
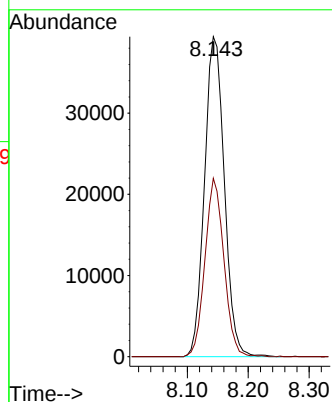
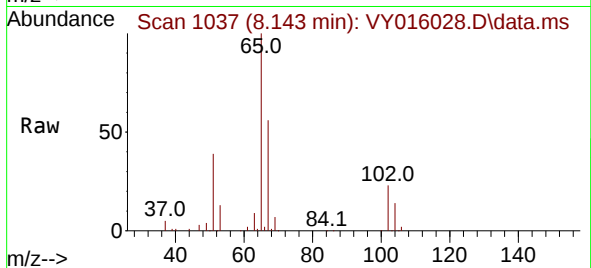
A-4(2-6)

Tgt Ion: 65 Resp: 89252

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016028.D

Acq: 18 Oct 2023 18:28

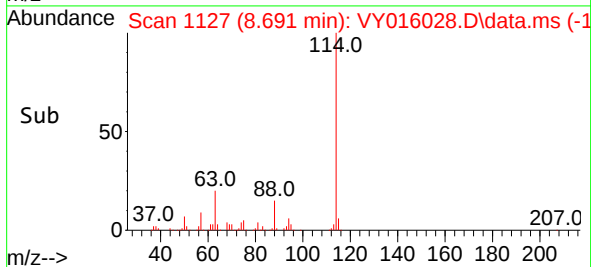
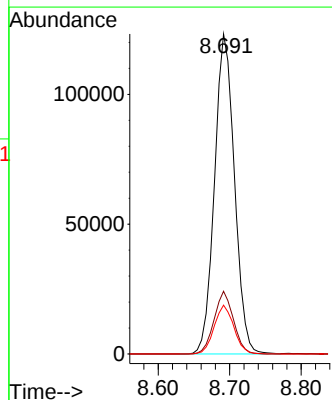
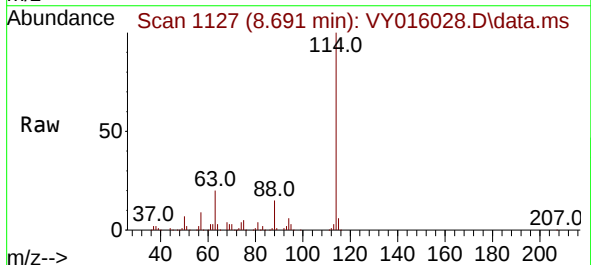
Tgt Ion: 114 Resp: 238974

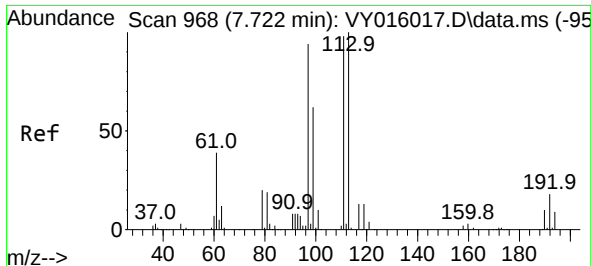
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.3 0.0 30.6

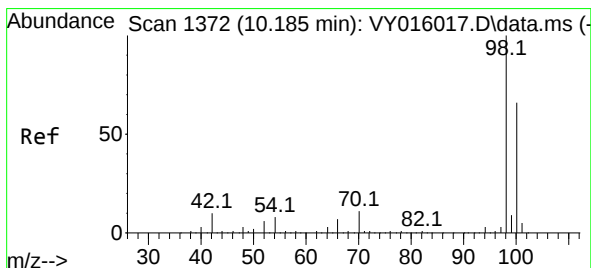
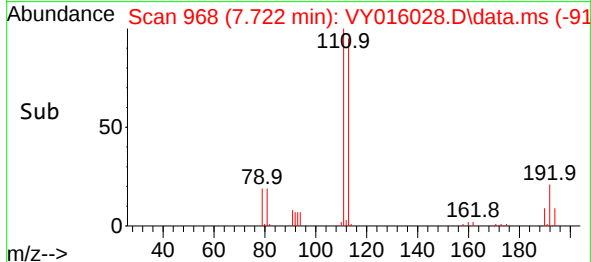
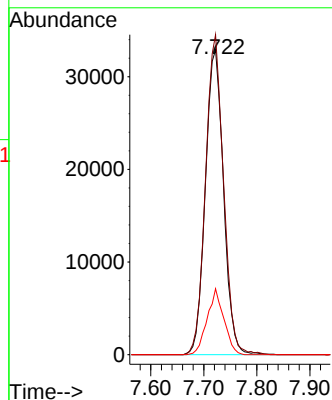
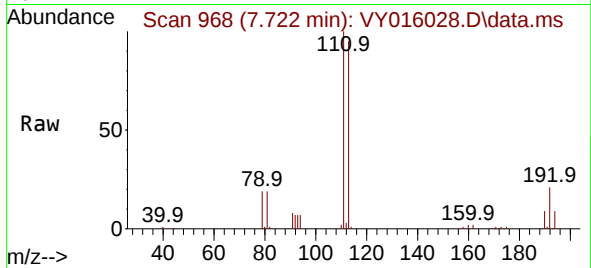




#35
Dibromofluoromethane
Concen: 49.748 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

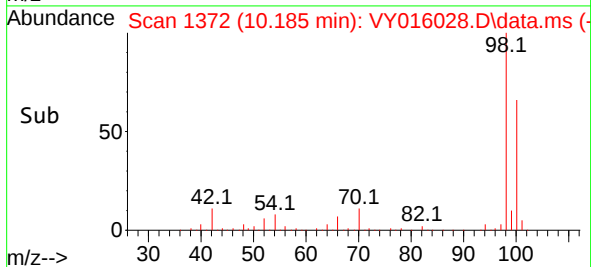
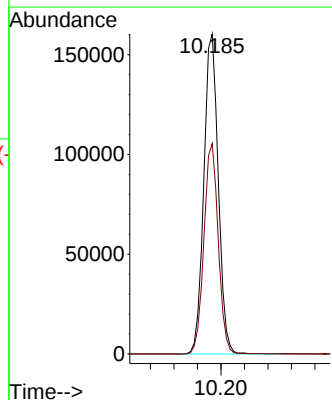
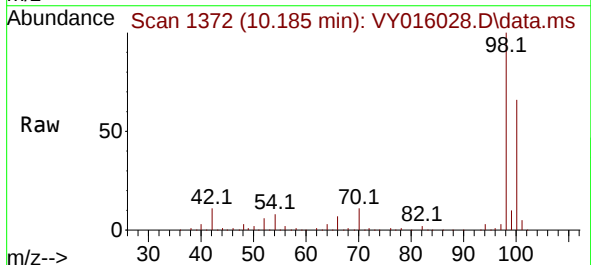
Instrument :
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A-4(2-6)

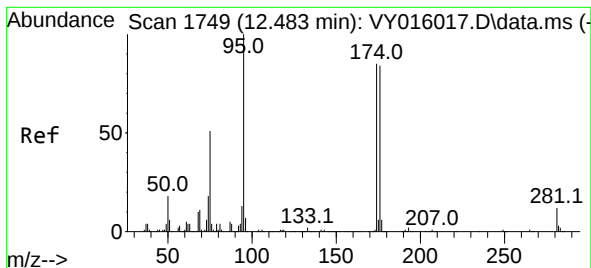
Tgt Ion:113 Resp: 78251
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 47.955 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Tgt Ion: 98 Resp: 273954
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

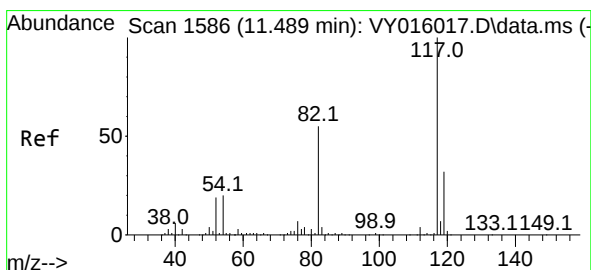
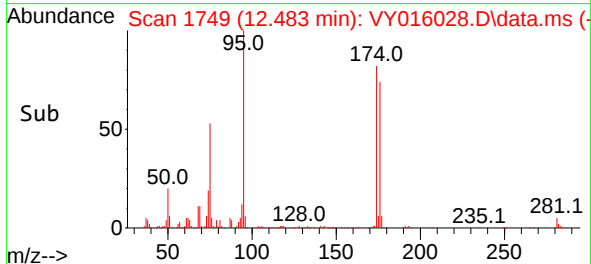
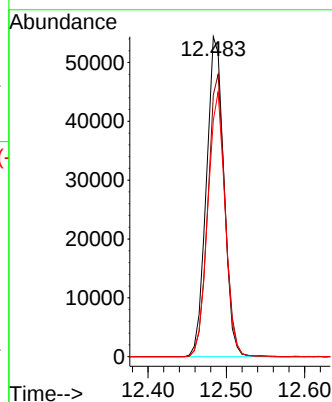
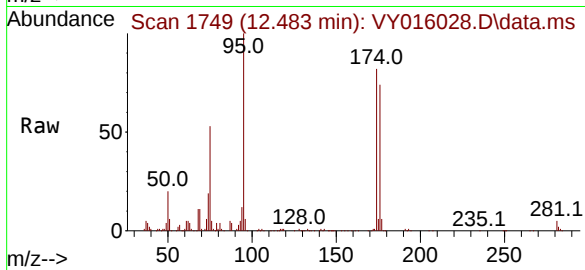




#62
4-Bromofluorobenzene
Concen: 41.353 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

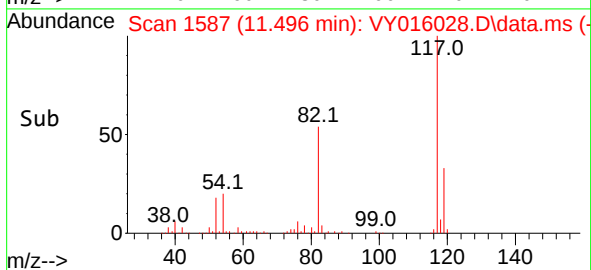
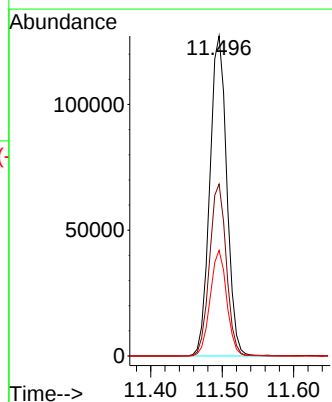
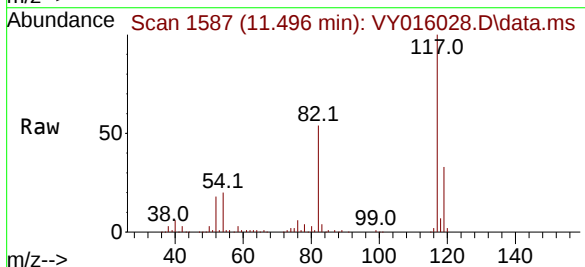
Instrument :
MSVOA_Y
ClientSampleId :
A-4(2-6)

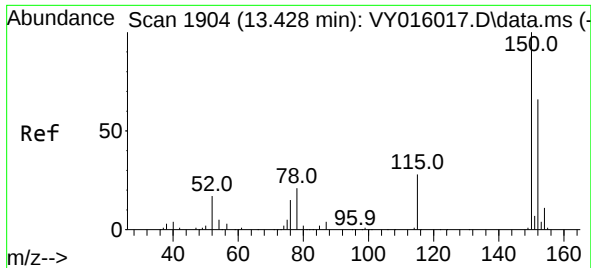
Tgt Ion: 95 Resp: 84293
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Tgt Ion: 117 Resp: 209841
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY016028.D
 Acq: 18 Oct 2023 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-4(2-6)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.8	86.5
150	156.3	0.0	348.8

