

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016695.D
 Acq On : 19 Dec 2023 13:12
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 20 05:31:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

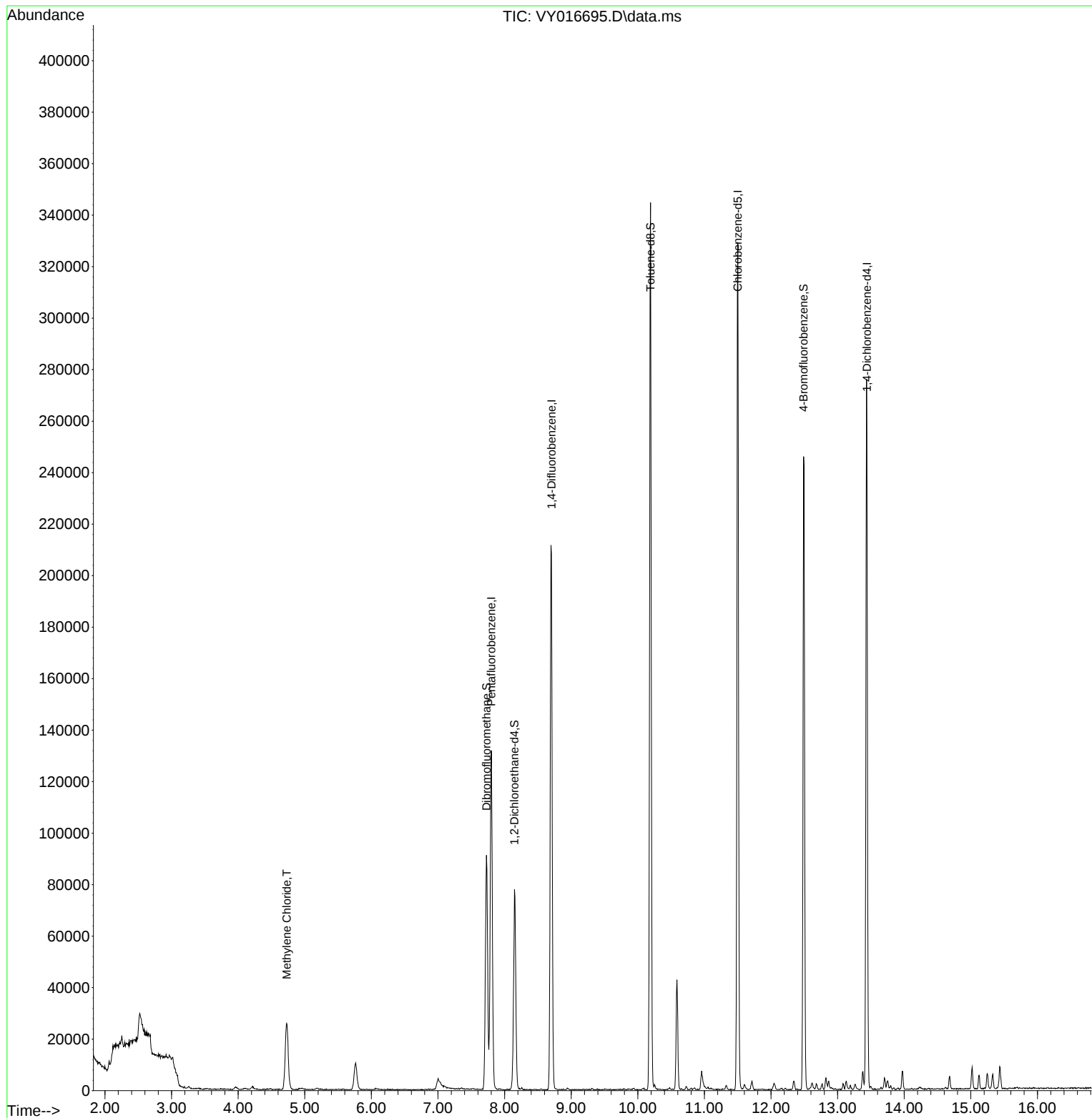
Internal Standards						
1) Pentafluorobenzene	7.801	168	107140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	186403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	177883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58648	66.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.360%
35) Dibromofluoromethane	7.728	113	62837	57.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.480%
50) Toluene-d8	10.191	98	226223	56.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.800%
62) 4-Bromofluorobenzene	12.489	95	62233	55.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.100%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	20483	17.891	ug/l	96

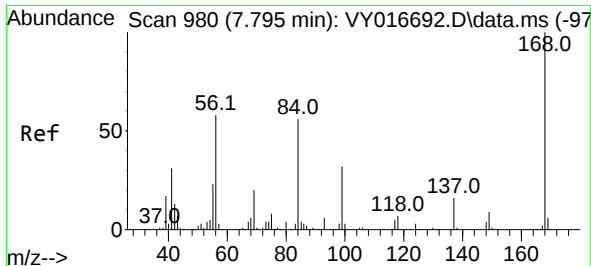
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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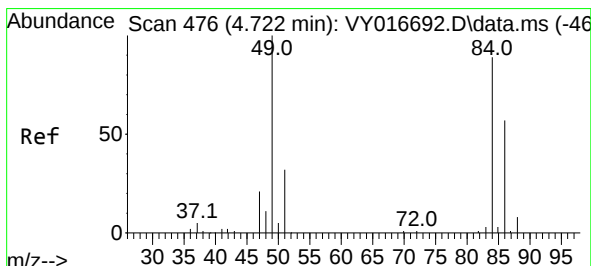
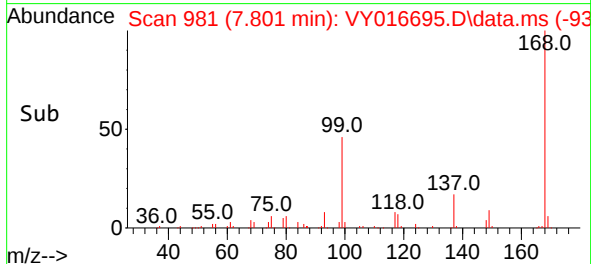
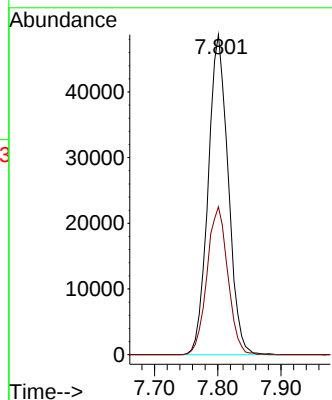
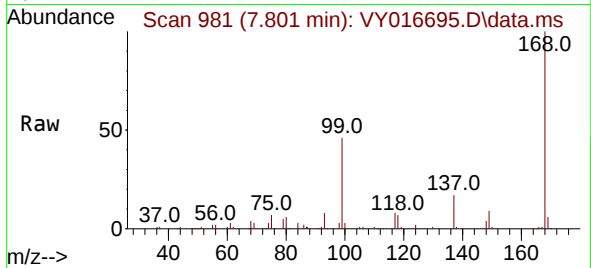




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY016695.D
Acq: 19 Dec 2023 13:12

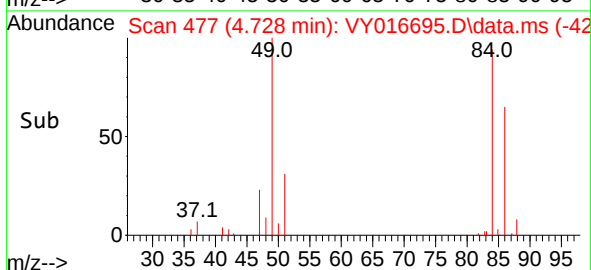
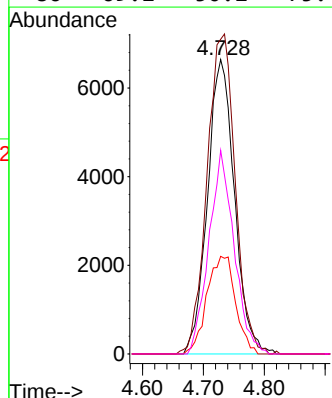
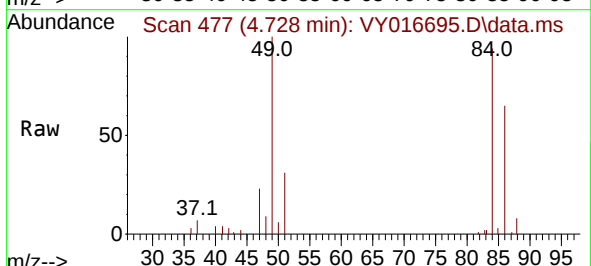
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

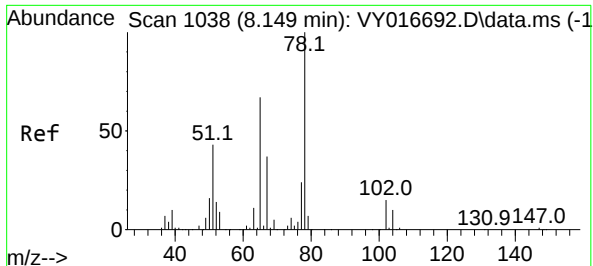
Tgt Ion:168 Resp: 107140
Ion Ratio Lower Upper
168 100
99 46.2 40.2 60.4



#20
Methylene Chloride
Concen: 17.891 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY016695.D
Acq: 19 Dec 2023 13:12

Tgt Ion: 84 Resp: 20483
Ion Ratio Lower Upper
84 100
49 106.9 83.8 125.8
51 33.2 27.2 40.8
86 69.2 50.2 75.4

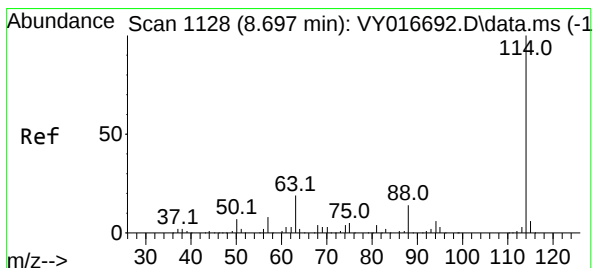
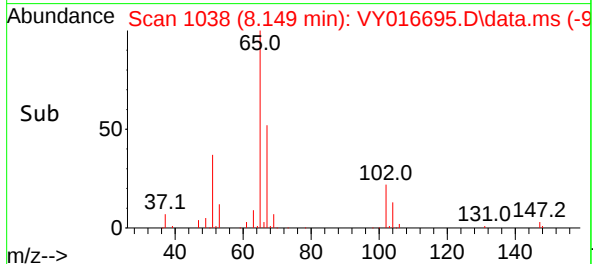
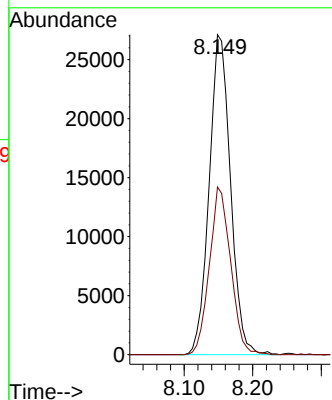
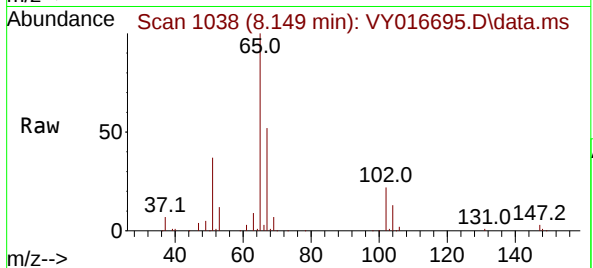




#33
 1,2-Dichloroethane-d4
 Concen: 66.180 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY016695.D
 Acq: 19 Dec 2023 13:12

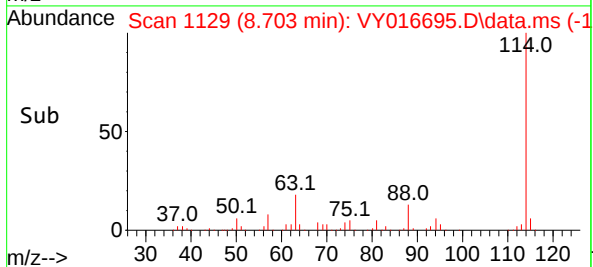
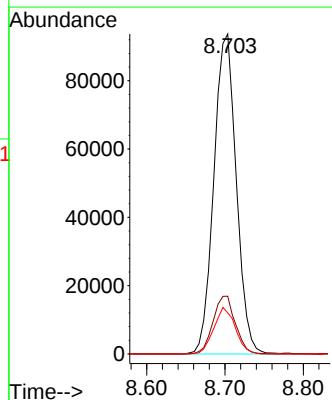
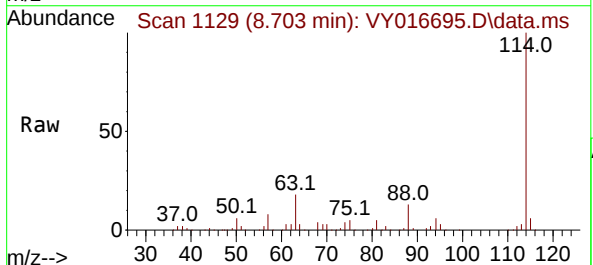
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

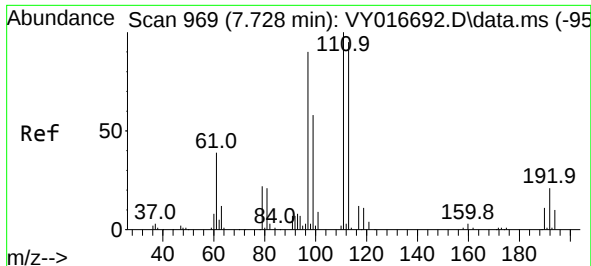
Tgt Ion: 65 Resp: 58648
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY016695.D
 Acq: 19 Dec 2023 13:12

Tgt Ion: 114 Resp: 186403
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.0
 88 12.8 0.0 29.2



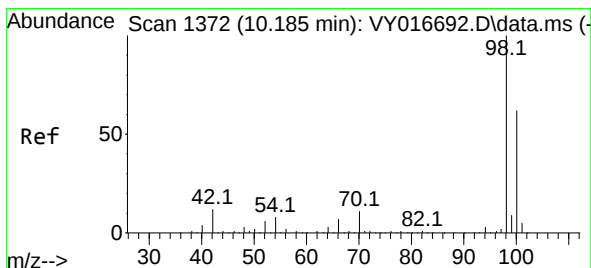
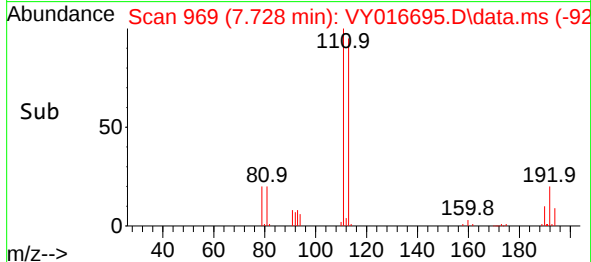
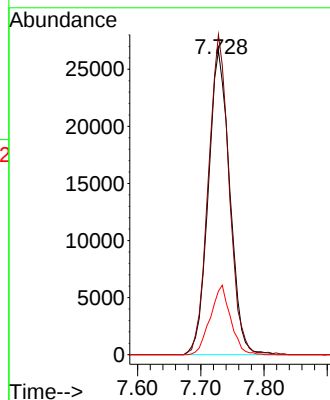
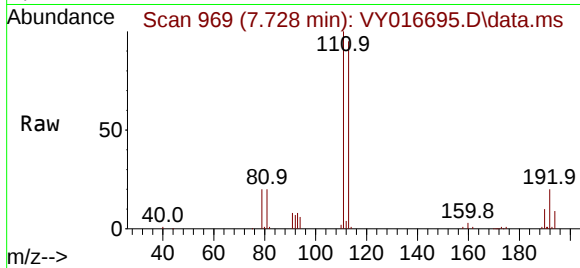


#35
 Dibromofluoromethane
 Concen: 57.237 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY016695.D
 Acq: 19 Dec 2023 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:113 Resp: 62837

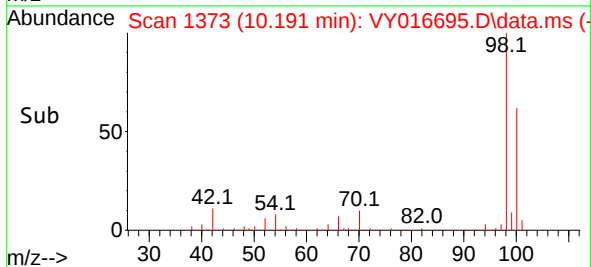
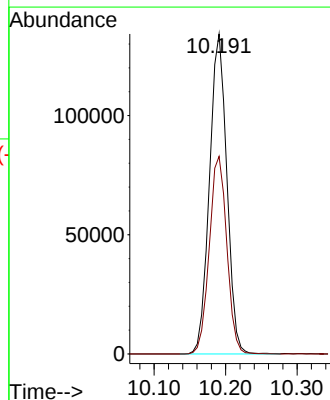
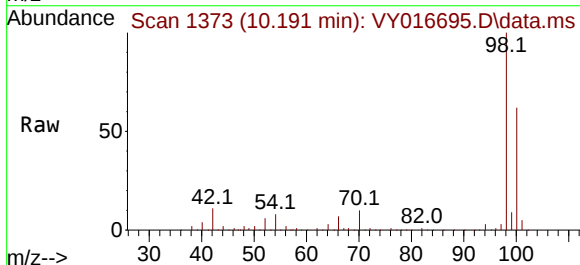
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	21.6	16.2	24.4

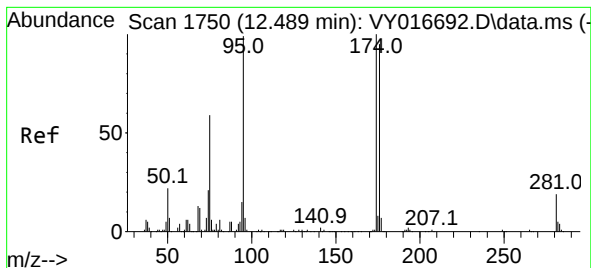


#50
 Toluene-d8
 Concen: 56.898 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY016695.D
 Acq: 19 Dec 2023 13:12

Tgt Ion: 98 Resp: 226223

Ion	Ratio	Lower	Upper
98	100		
100	62.3	52.5	78.7

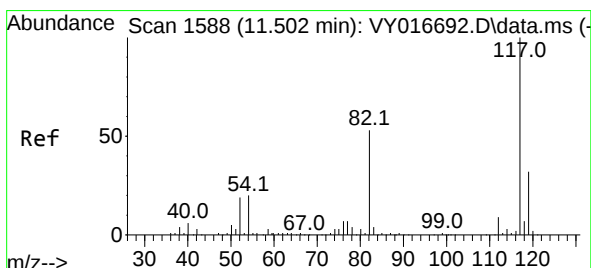
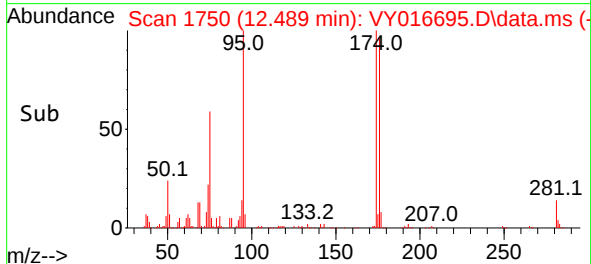
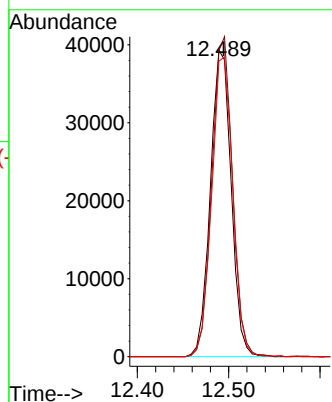
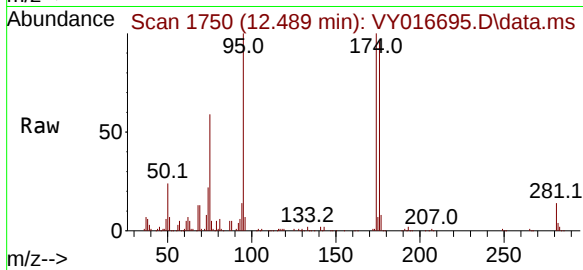




#62
4-Bromofluorobenzene
Concen: 55.050 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016695.D
Acq: 19 Dec 2023 13:12

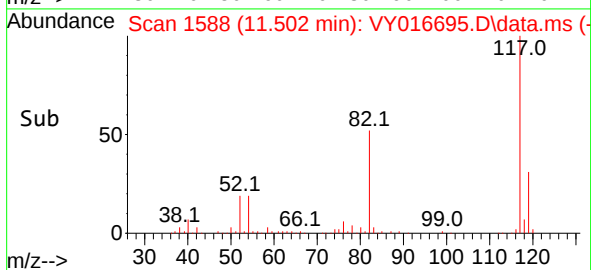
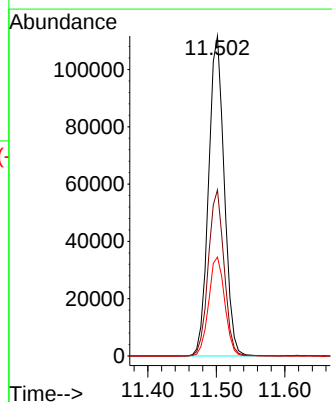
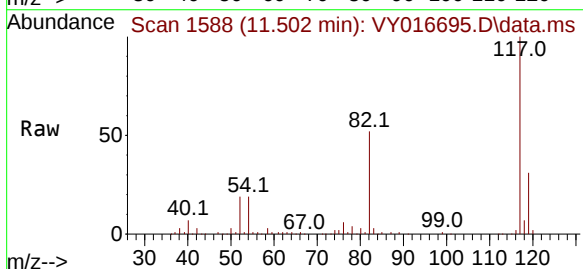
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ClientSampleId :
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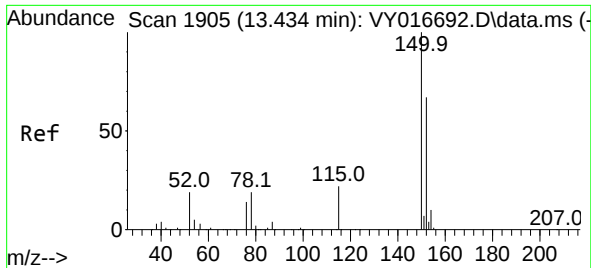
Tgt Ion: 95 Resp: 62233
Ion Ratio Lower Upper
95 100
174 103.3 0.0 181.0
176 99.1 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016695.D
Acq: 19 Dec 2023 13:12

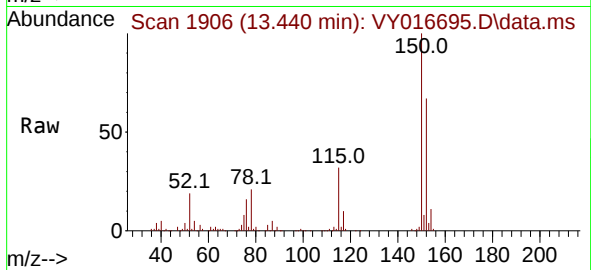
Tgt Ion: 117 Resp: 177883
Ion Ratio Lower Upper
117 100
82 51.9 41.0 61.6
119 30.9 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016695.D
 Acq: 19 Dec 2023 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:	152	Resp:	72114
Ion	Ratio	Lower	Upper
152	100		
115	52.3	28.2	84.7
150	157.5	0.0	350.6

