

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015929.D
 Acq On : 11 Oct 2023 17:19
 Operator : SY/MD
 Sample : 04825-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-101023

Quant Time: Oct 12 01:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

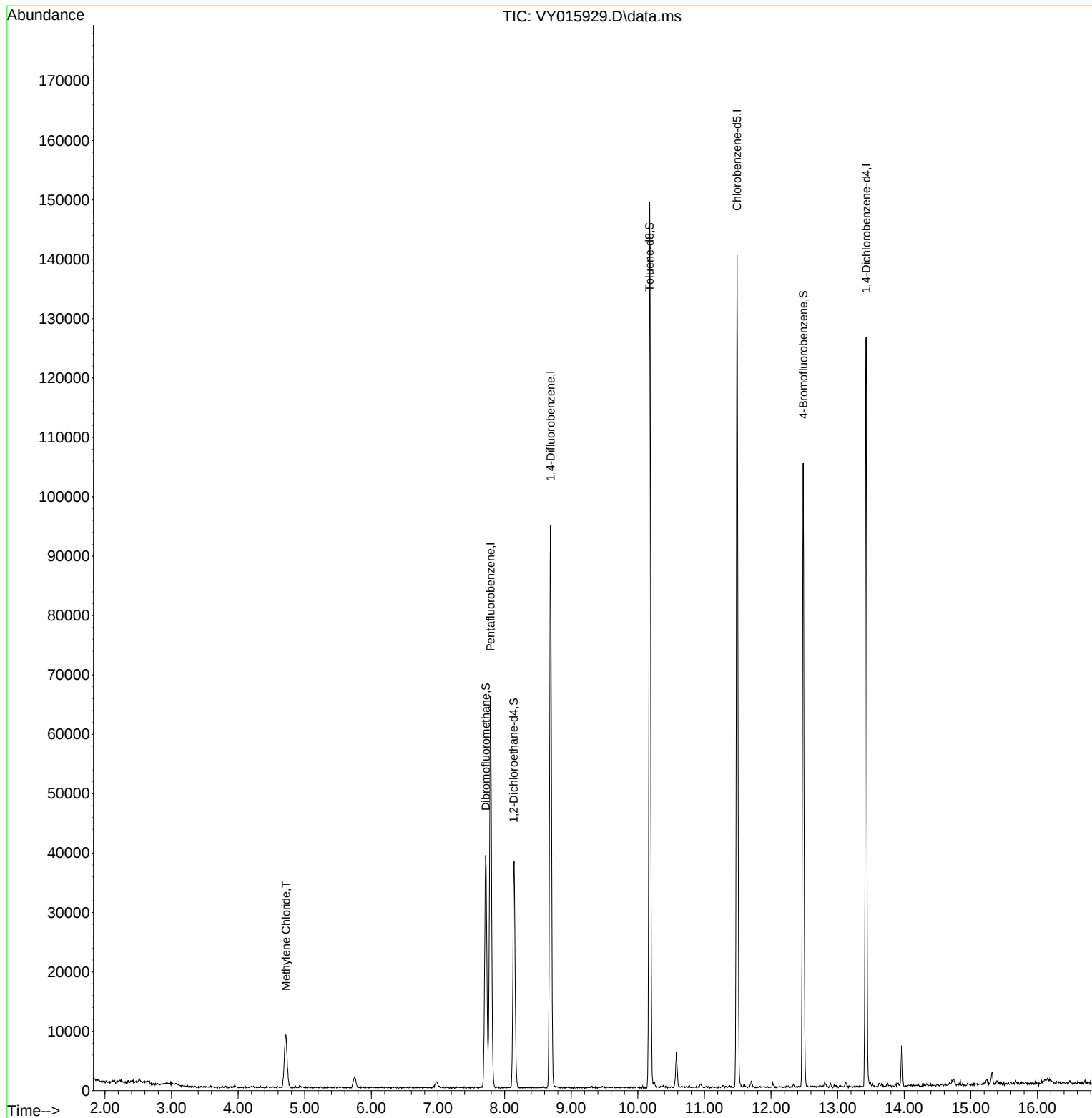
Internal Standards						
1) Pentafluorobenzene	7.789	168	49941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	76682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30421	67.697	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.400%	
35) Dibromofluoromethane	7.716	113	28331	60.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.920%	
50) Toluene-d8	10.179	98	97140	63.417	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 126.840%	
62) 4-Bromofluorobenzene	12.483	95	31600	50.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.580%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	7141	7.204	ug/l	87

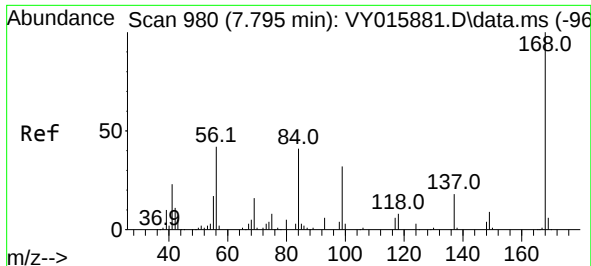
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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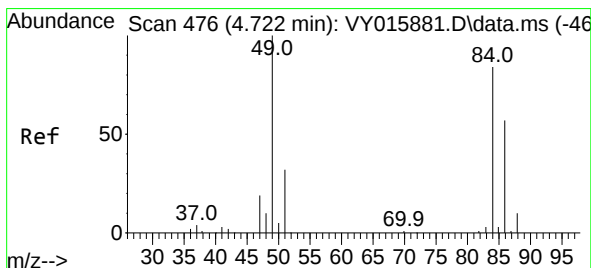
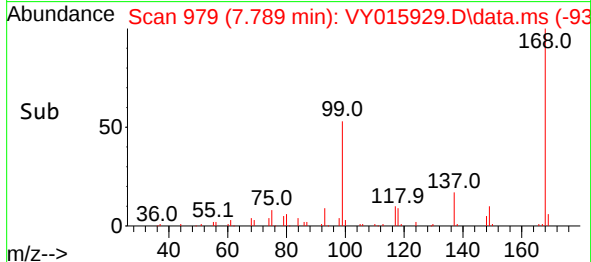
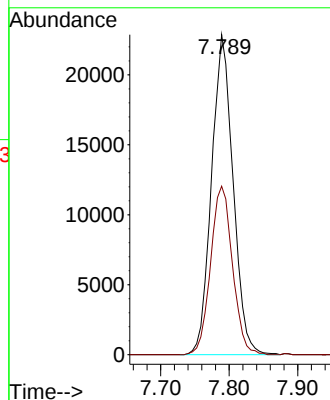
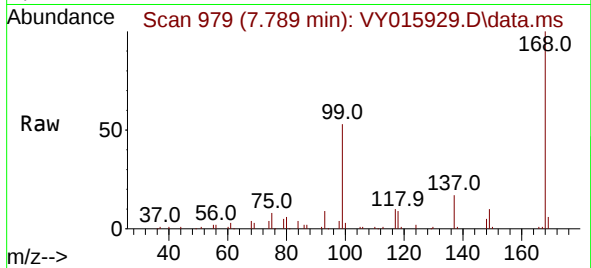




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

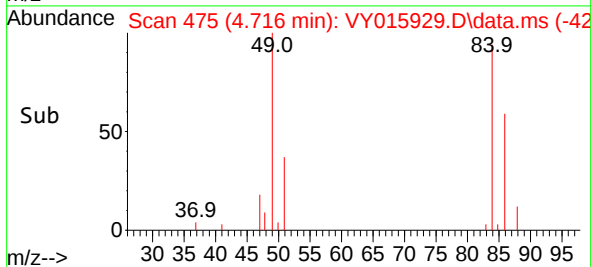
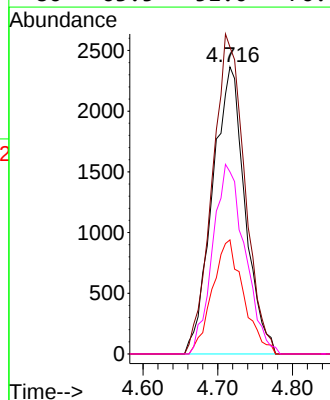
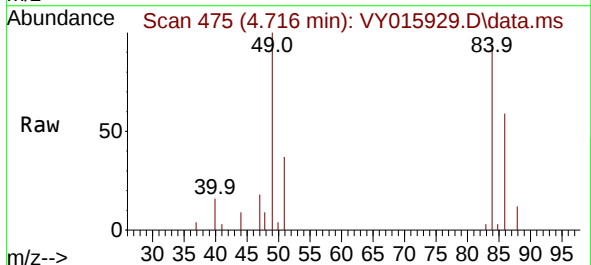
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-101023

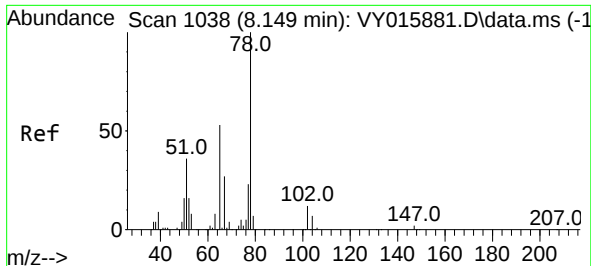
Tgt Ion:168 Resp: 49941
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#20
Methylene Chloride
Concen: 7.204 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Tgt Ion: 84 Resp: 7141
Ion Ratio Lower Upper
84 100
49 106.9 106.9 160.3
51 39.8 33.2 49.8
86 63.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 67.697 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY015929.D

Acq: 11 Oct 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

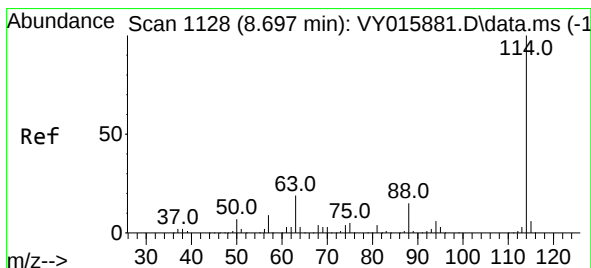
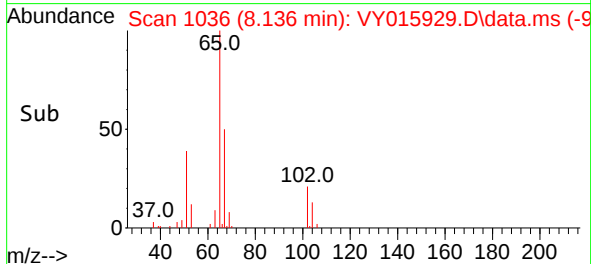
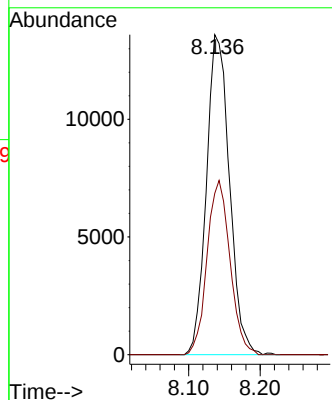
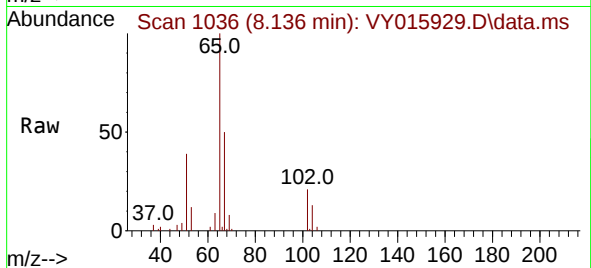
SU-02-101023

Tgt Ion: 65 Resp: 30421

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015929.D

Acq: 11 Oct 2023 17:19

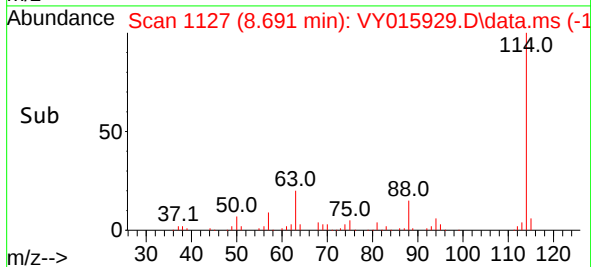
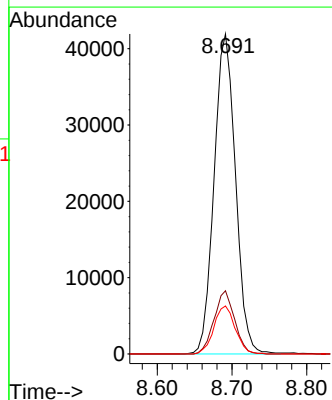
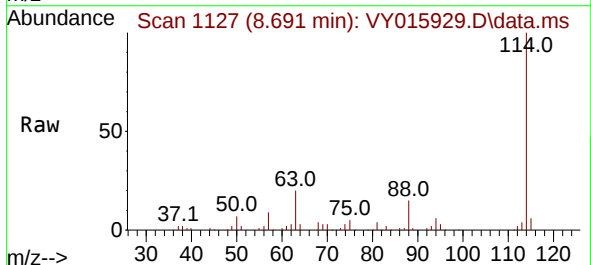
Tgt Ion: 114 Resp: 83326

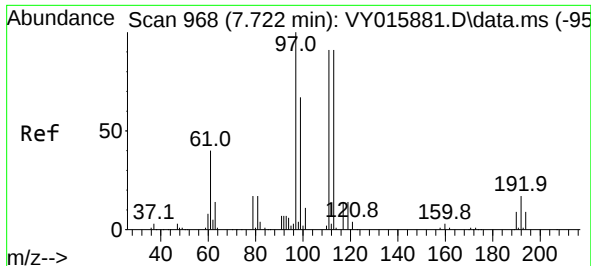
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.0 0.0 30.6

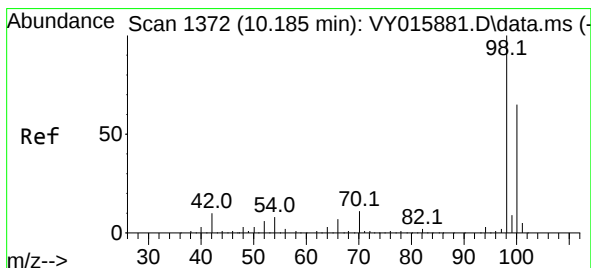
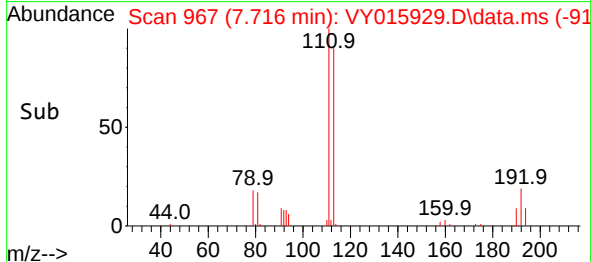
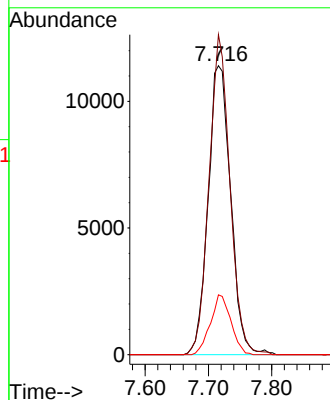
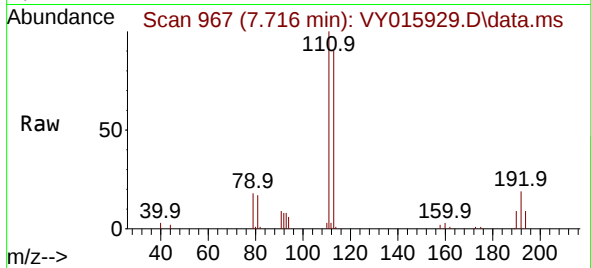




#35
Dibromofluoromethane
Concen: 60.957 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

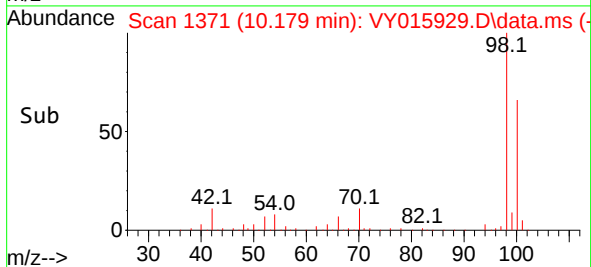
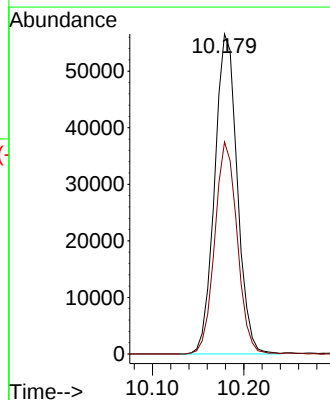
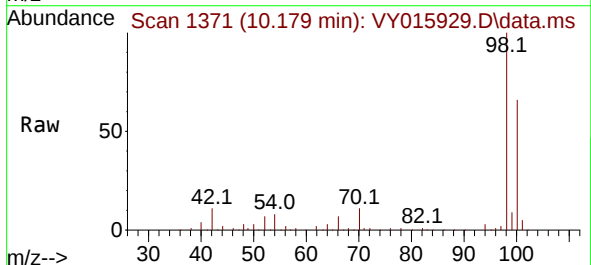
Instrument :
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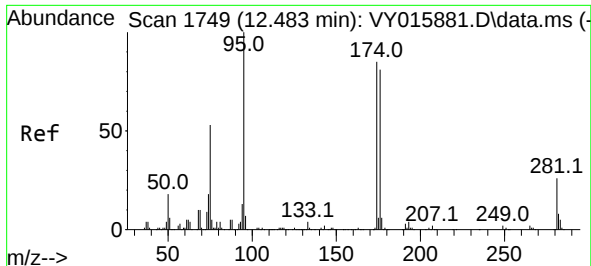
Tgt Ion:113 Resp: 28331
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 63.417 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Tgt Ion: 98 Resp: 97140
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

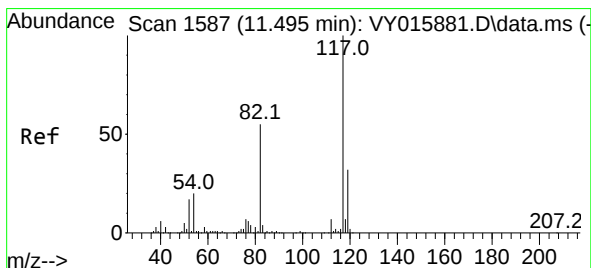
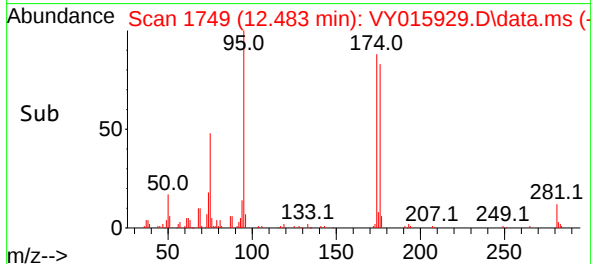
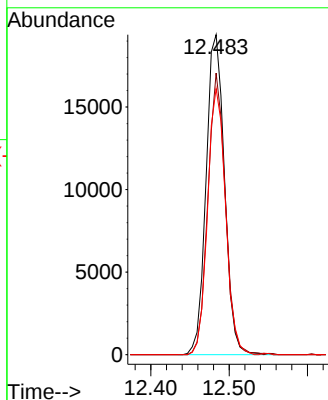
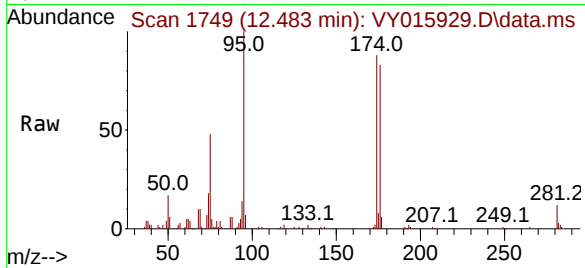




#62
4-Bromofluorobenzene
Concen: 50.791 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

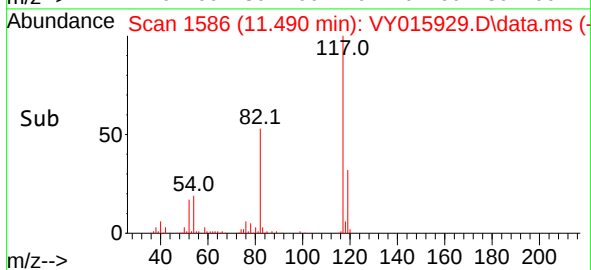
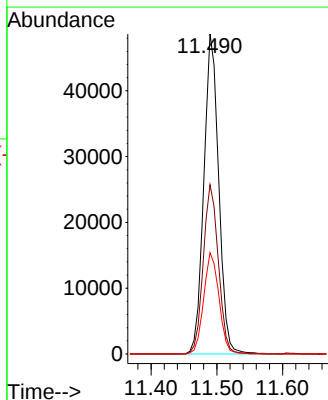
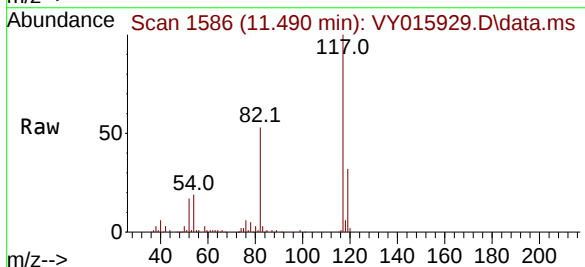
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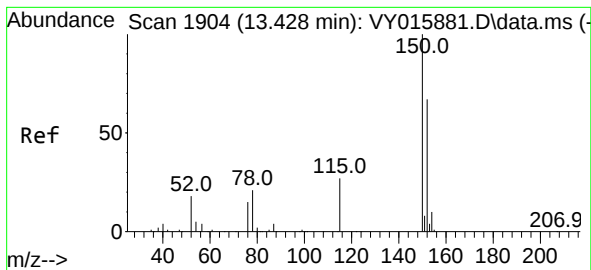
Tgt Ion: 95 Resp: 31600
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015929.D
Acq: 11 Oct 2023 17:19

Tgt Ion: 117 Resp: 76682
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.6 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: VY015929.D
 Acq: 11 Oct 2023 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-101023

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.8	86.5
150	158.7	0.0	348.8

