

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015304.D
 Acq On : 24 Aug 2023 00:25
 Operator : SY/MD
 Sample : 04110-20
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-28(1.5-2.5)

Quant Time: Aug 24 02:40:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

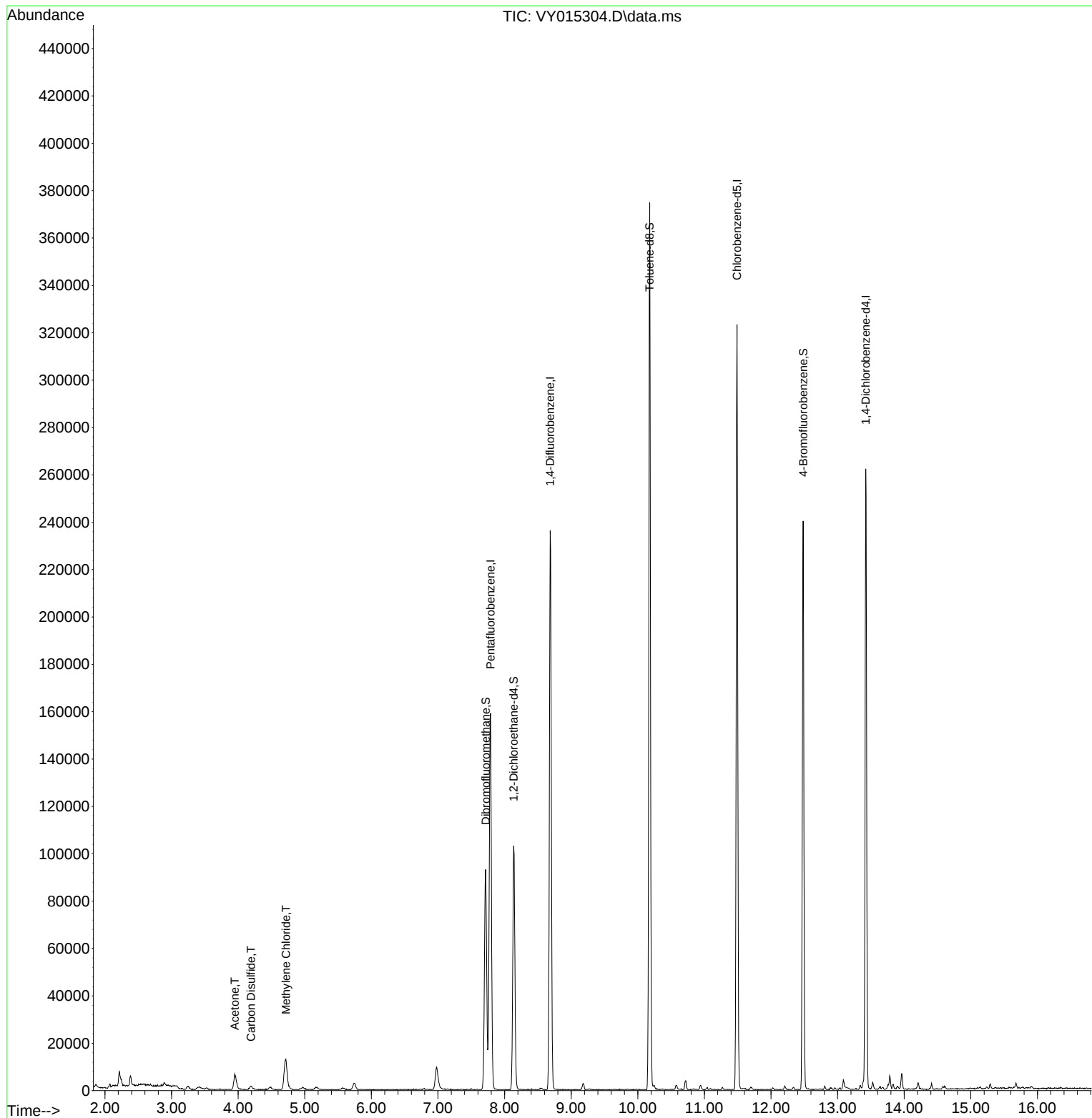
Internal Standards						
1) Pentafluorobenzene	7.789	168	124804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78980	52.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.440%
35) Dibromofluoromethane	7.716	113	64309	48.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.400%
50) Toluene-d8	10.179	98	236517	48.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.483	95	68349	38.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.140%
Target Compounds						
16) Acetone	3.948	43	10929	22.330	ug/l	91
17) Carbon Disulfide	4.192	76	3161	2.068	ug/l #	79
20) Methylene Chloride	4.716	84	9674	4.295	ug/l	89

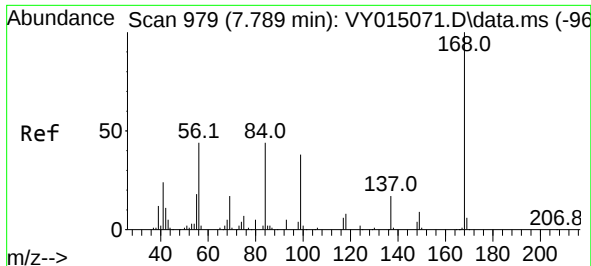
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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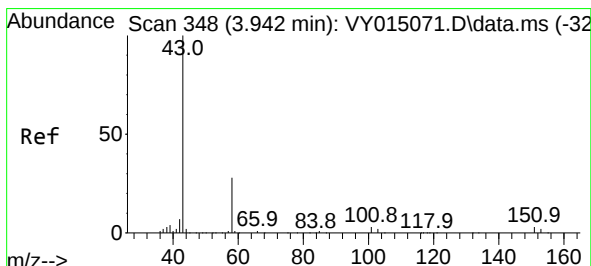
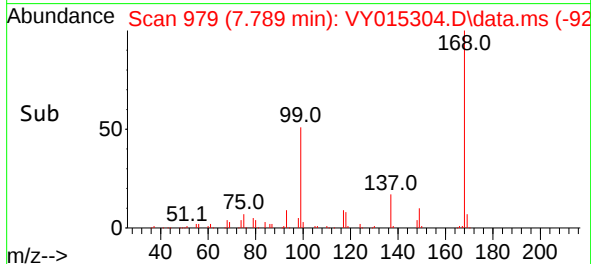
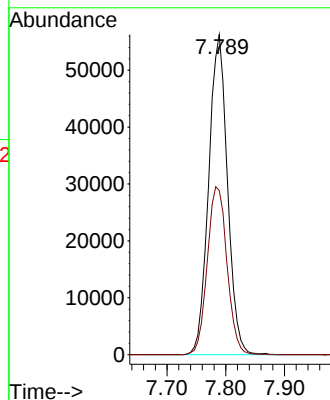
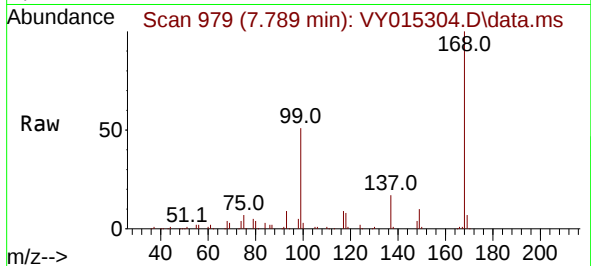




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

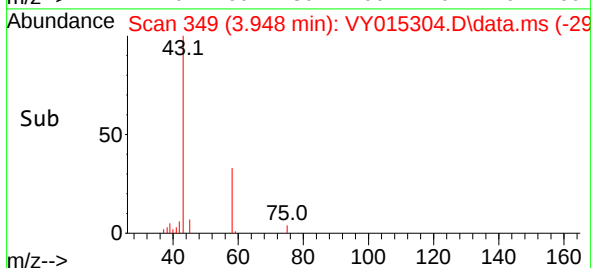
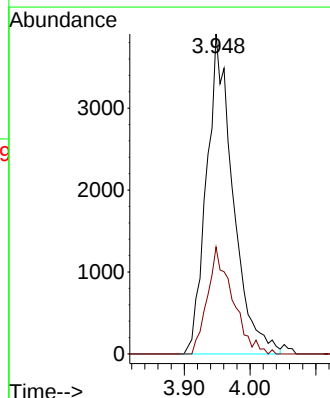
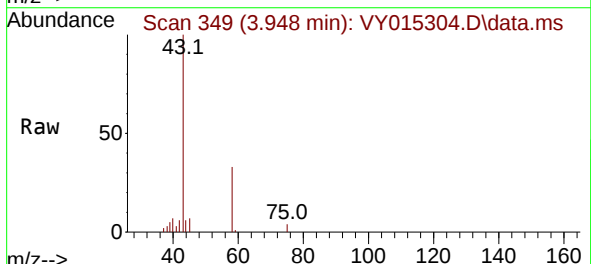
Instrument :
MSVOA_Y
ClientSampleId :
TP-28(1.5-2.5)

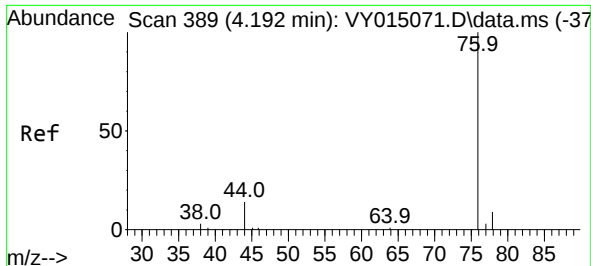
Tgt Ion:168 Resp: 124804
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#16
Acetone
Concen: 22.330 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

Tgt Ion: 43 Resp: 10929
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1

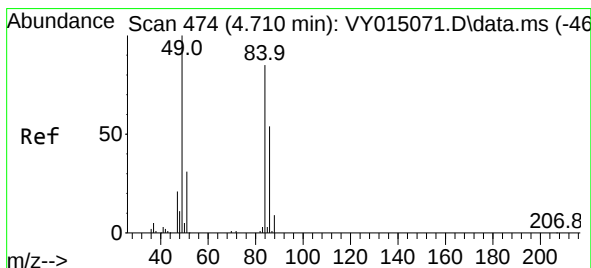
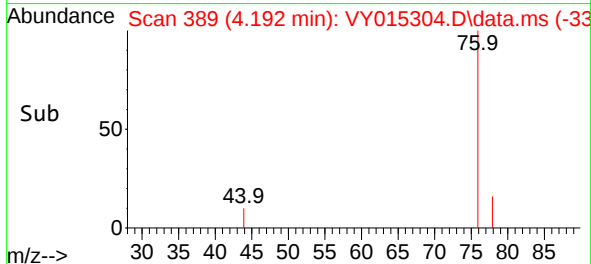
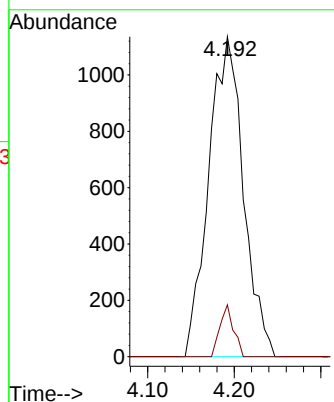
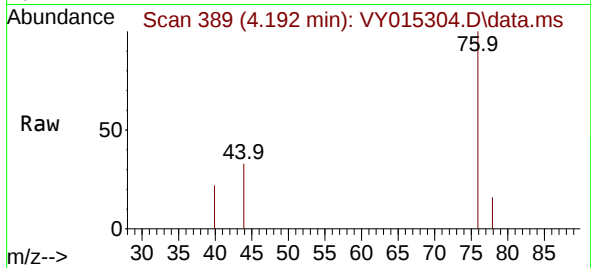




#17
Carbon Disulfide
Concen: 2.068 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

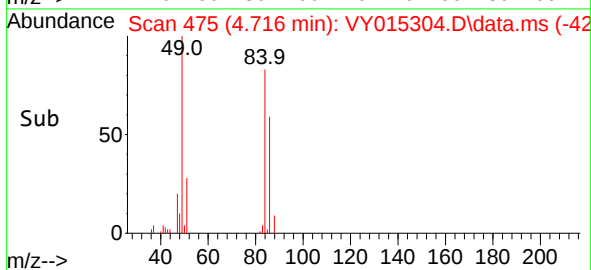
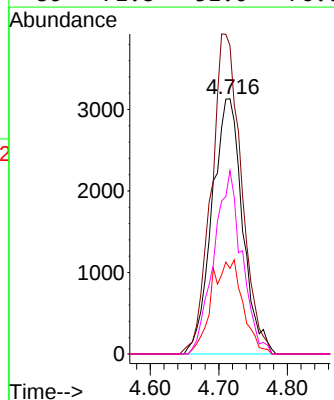
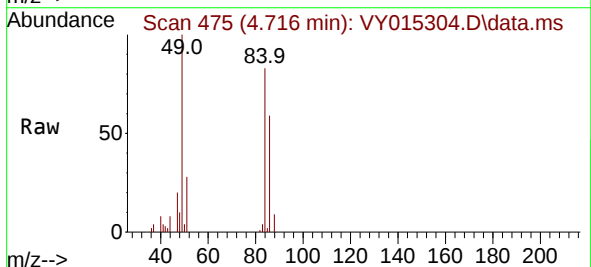
Instrument :
MSVOA_Y
ClientSampleId :
TP-28(1.5-2.5)

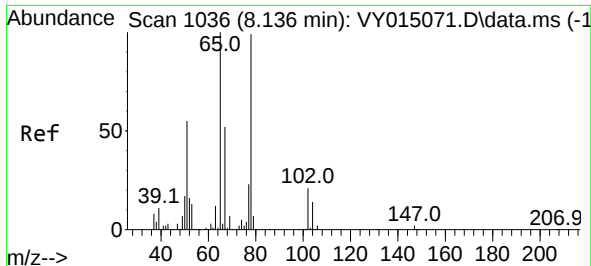
Tgt Ion: 76 Resp: 3161
Ion Ratio Lower Upper
76 100
78 16.2 7.0 10.4#



#20
Methylene Chloride
Concen: 4.295 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

Tgt Ion: 84 Resp: 9674
Ion Ratio Lower Upper
84 100
49 120.9 106.9 160.3
51 33.6 33.2 49.8
86 71.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.718 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015304.D

Acq: 24 Aug 2023 00:25

Instrument :

MSVOA_Y

ClientSampleId :

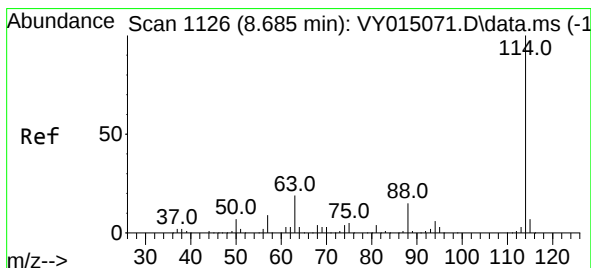
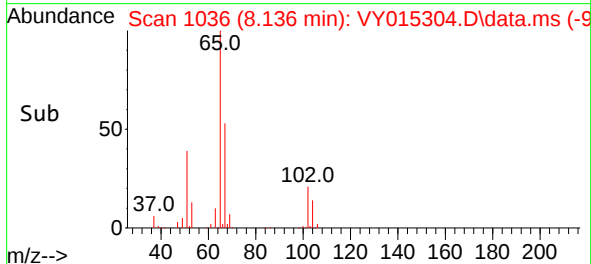
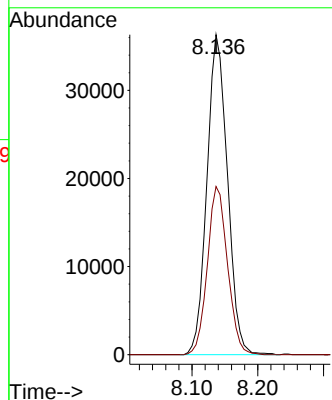
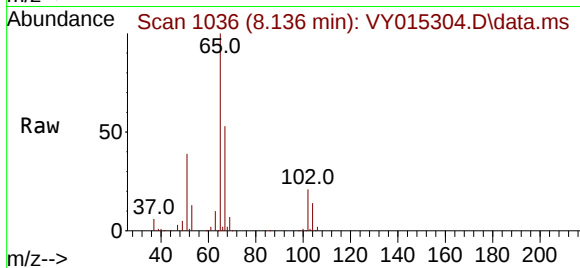
TP-28(1.5-2.5)

Tgt Ion: 65 Resp: 78980

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015304.D

Acq: 24 Aug 2023 00:25

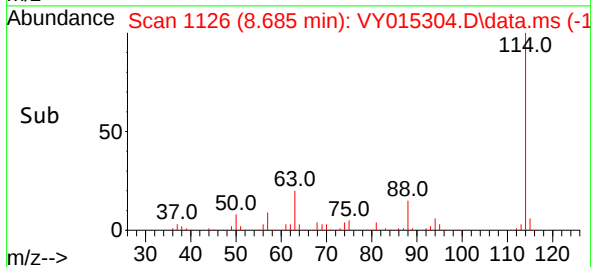
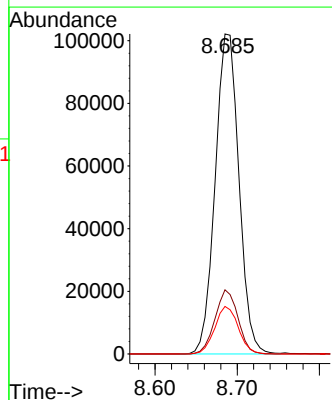
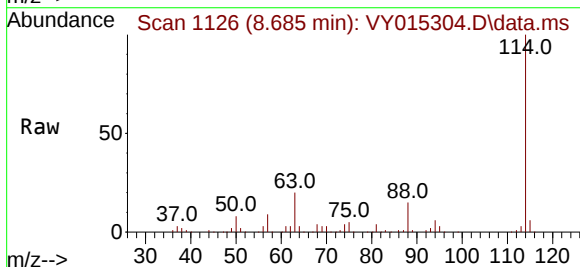
Tgt Ion: 114 Resp: 205248

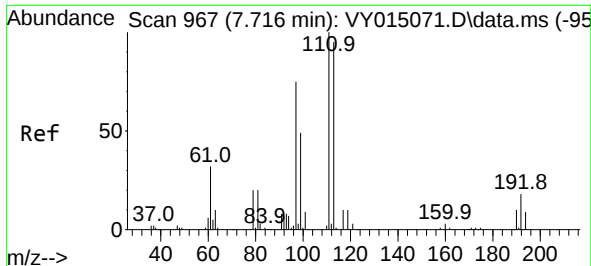
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.8 0.0 30.6

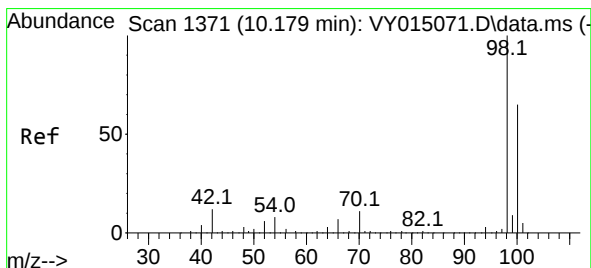
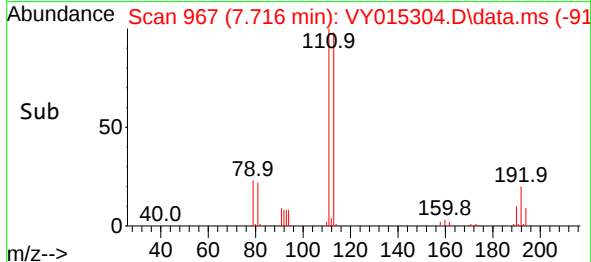
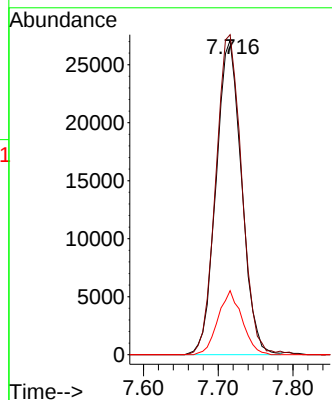
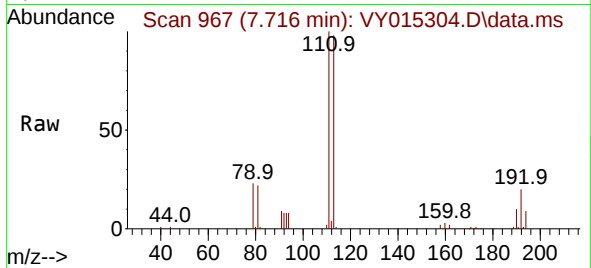




#35
Dibromofluoromethane
Concen: 48.703 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

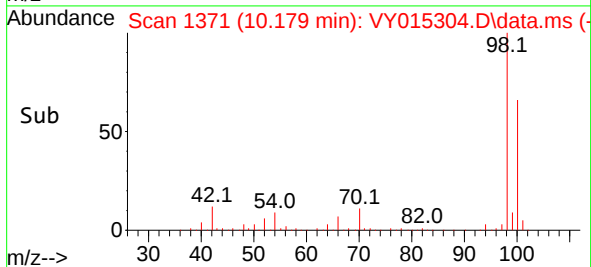
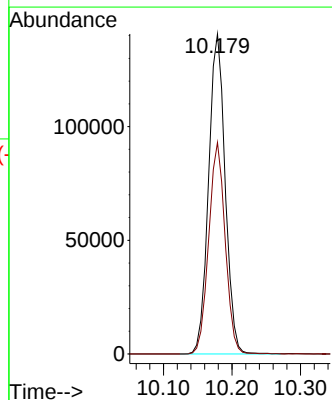
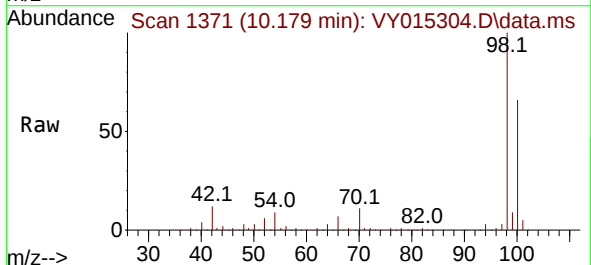
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TP-28(1.5-2.5)

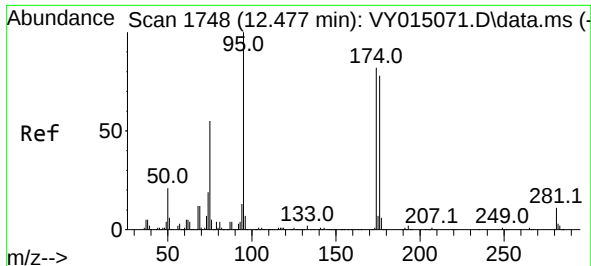
Tgt Ion:113 Resp: 64309
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 48.118 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

Tgt Ion: 98 Resp: 236517
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

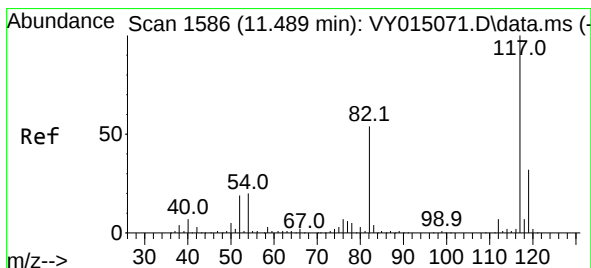
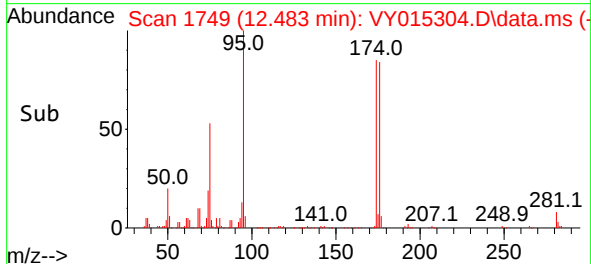
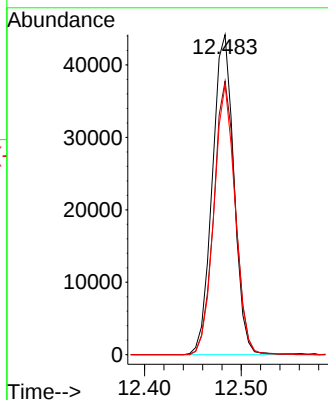
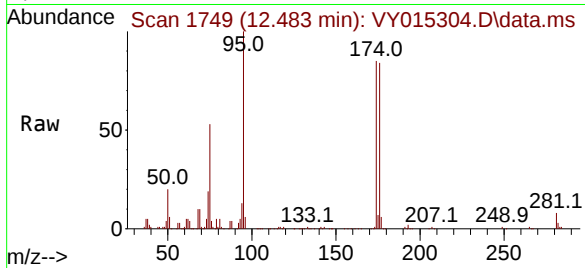




#62
4-Bromofluorobenzene
Concen: 38.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

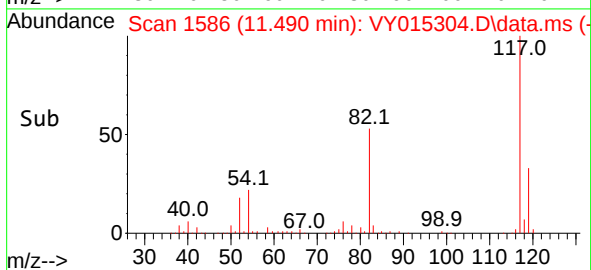
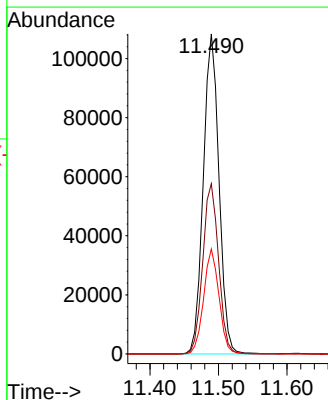
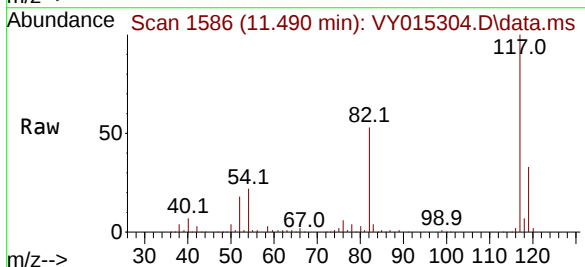
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TP-28(1.5-2.5)

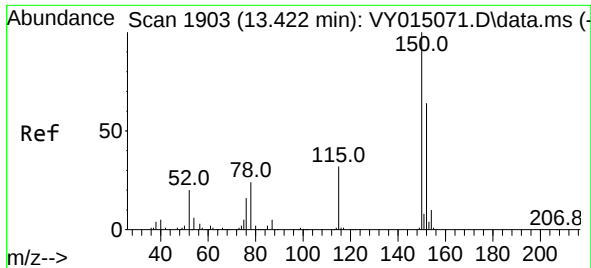
Tgt Ion: 95 Resp: 68349
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015304.D
Acq: 24 Aug 2023 00:25

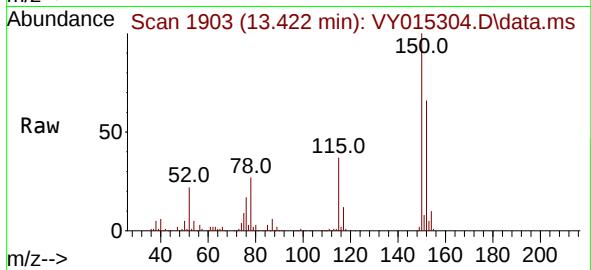
Tgt Ion: 117 Resp: 172823
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015304.D
 Acq: 24 Aug 2023 00:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-28(1.5-2.5)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.8	86.5
150	156.0	0.0	348.8

