

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010073.D
 Acq On : 17 Aug 2022 17:02
 Operator : KP/MD
 Sample : N4217-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0815

Quant Time: Aug 18 08:21:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

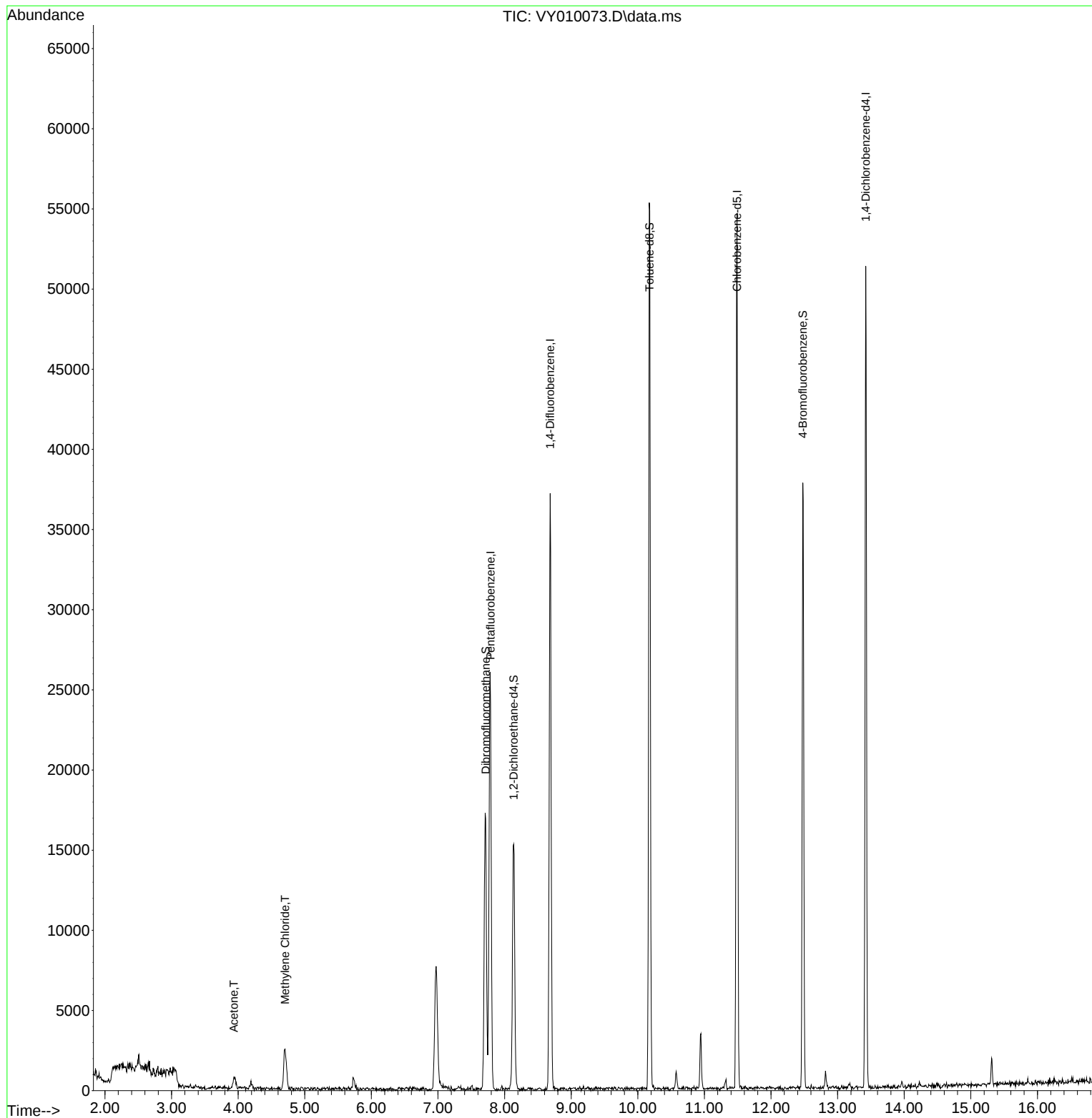
Internal Standards						
1) Pentafluorobenzene	7.789	168	22046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	32704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12674	57.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.000%
35) Dibromofluoromethane	7.716	113	12352	58.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.480%
50) Toluene-d8	10.179	98	37684	48.026	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.477	95	11675	42.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.720%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	1425	30.182	ug/l	94
20) Methylene Chloride	4.704	84	2266	7.510	ug/l #	77

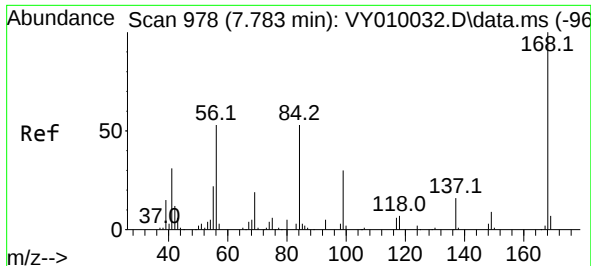
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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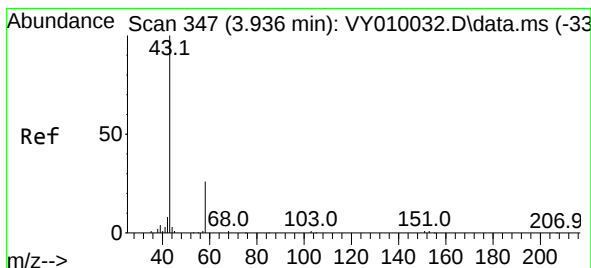
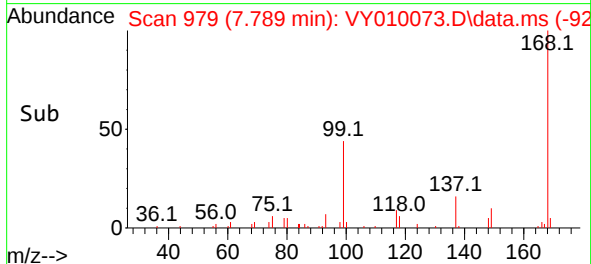
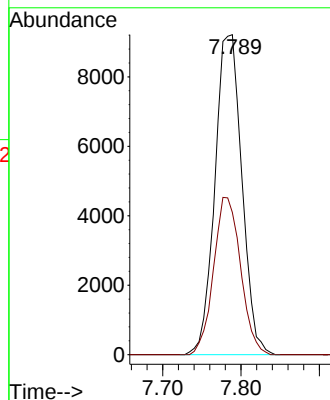
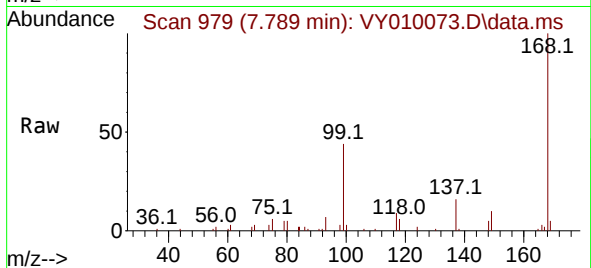




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

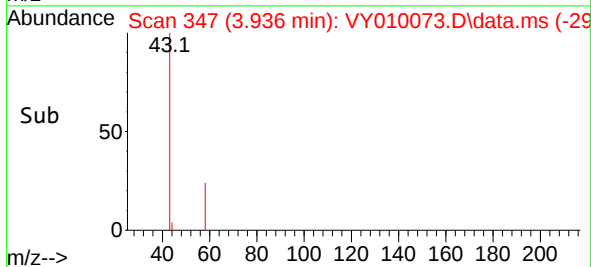
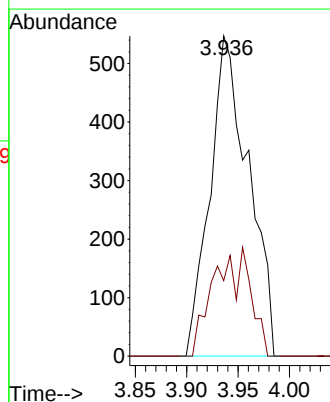
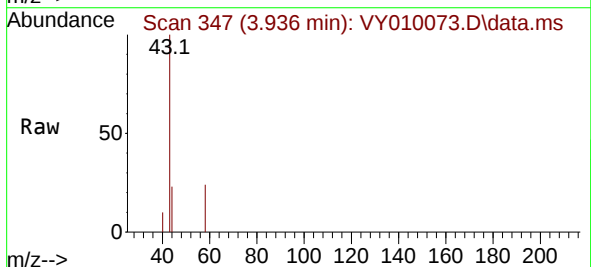
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815

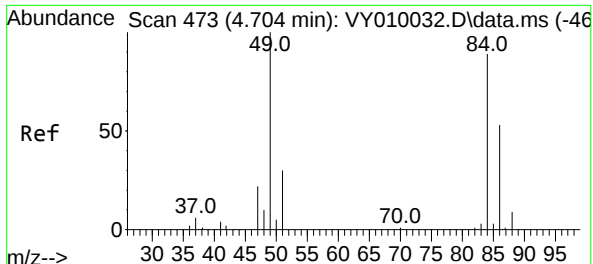
Tgt Ion:168 Resp: 22046
Ion Ratio Lower Upper
168 100
99 44.5 37.7 56.5



#16
Acetone
Concen: 30.182 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 23.6 21.4 32.0

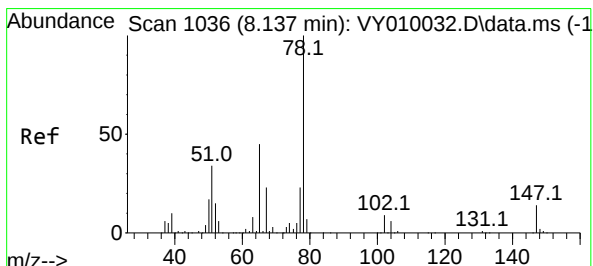
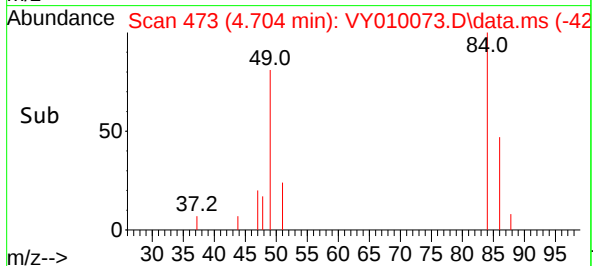
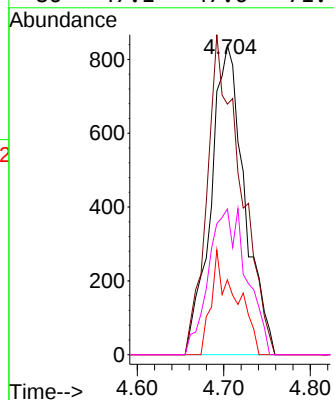
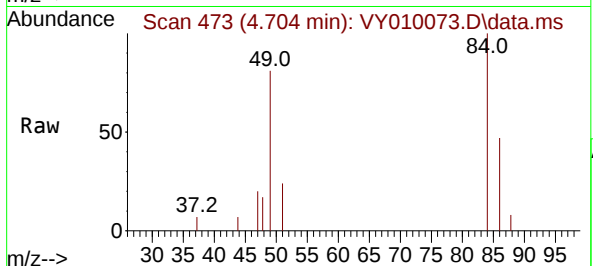




#20
Methylene Chloride
Concen: 7.510 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

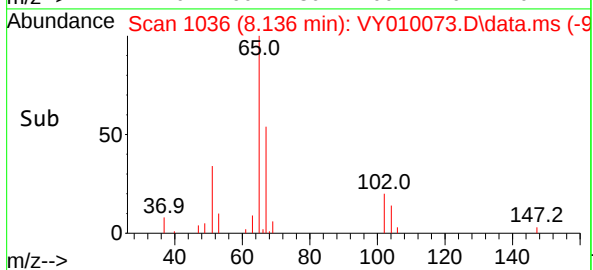
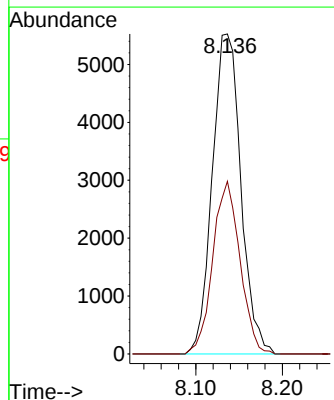
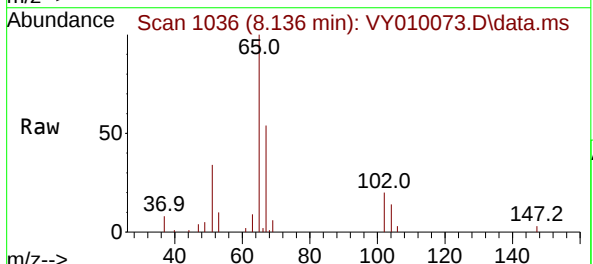
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815

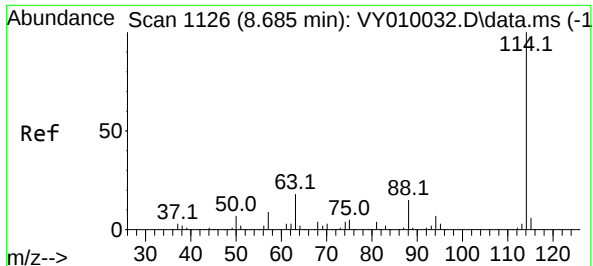
Tgt Ion:	84	Resp:	2266
Ion	Ratio	Lower	Upper
84	100		
49	81.0	89.5	134.3#
51	24.2	26.8	40.2#
86	47.1	47.6	71.4#



#33
1,2-Dichloroethane-d4
Concen: 57.497 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion:	65	Resp:	12674
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

TP1-0815

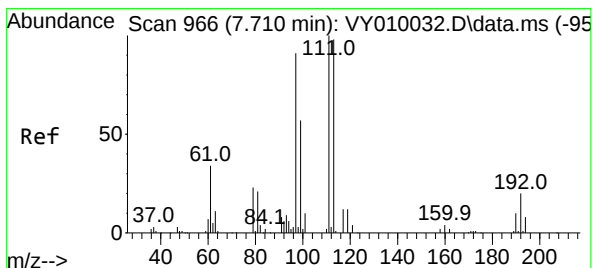
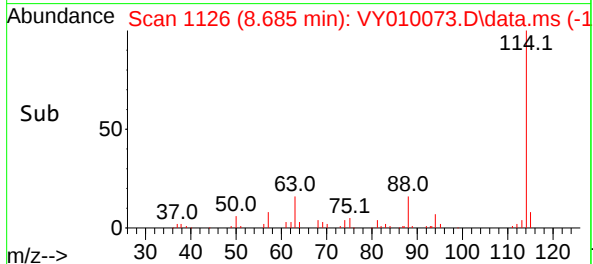
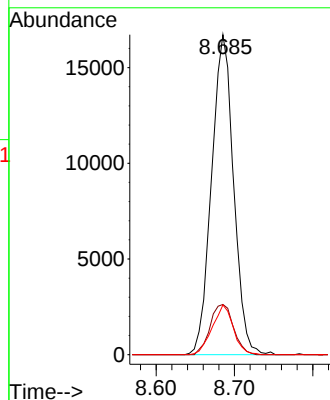
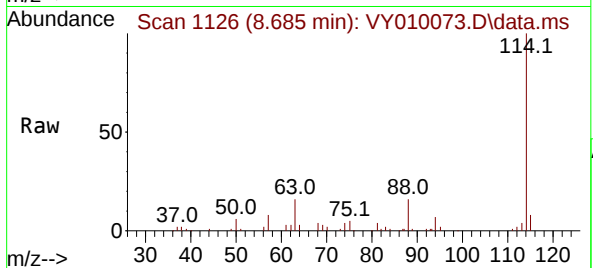
Tgt Ion:114 Resp: 32704

Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.2

88 15.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 58.241 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

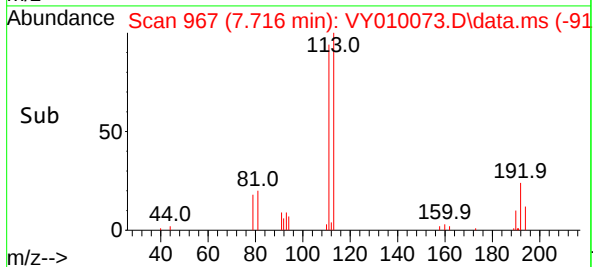
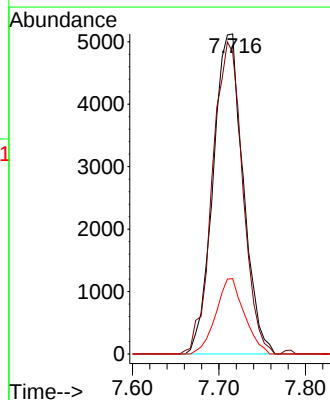
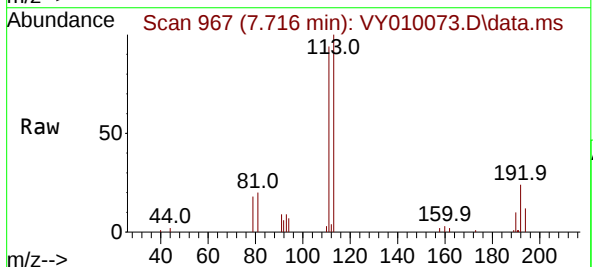
Tgt Ion:113 Resp: 12352

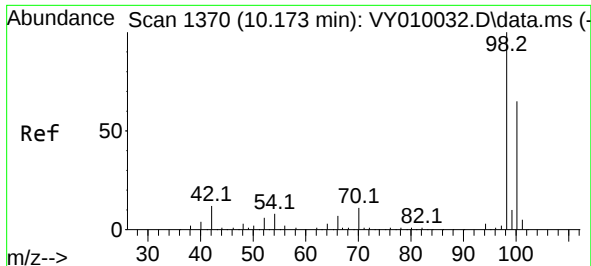
Ion Ratio Lower Upper

113 100

111 97.9 82.7 124.1

192 22.3 17.2 25.8

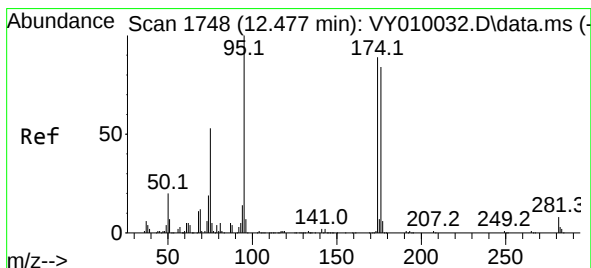
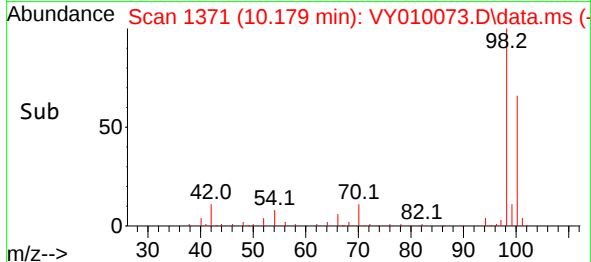
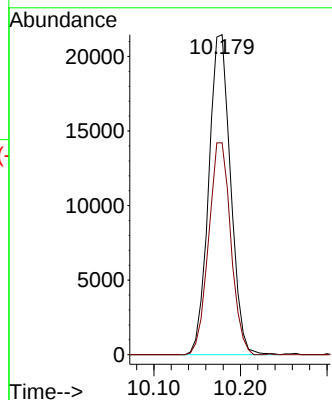
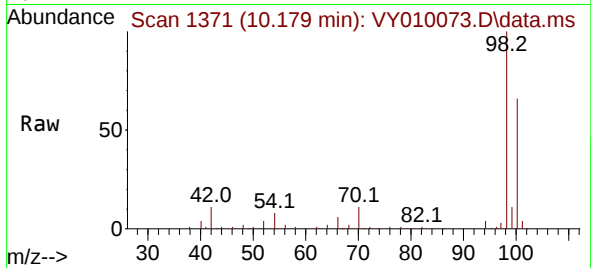




#50
Toluene-d8
Concen: 48.026 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

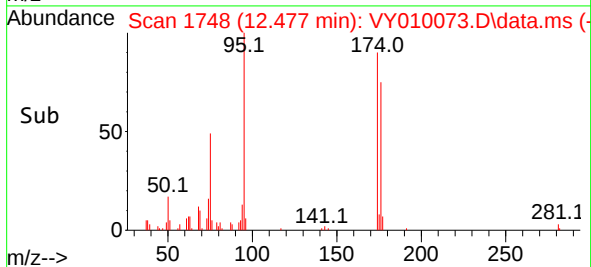
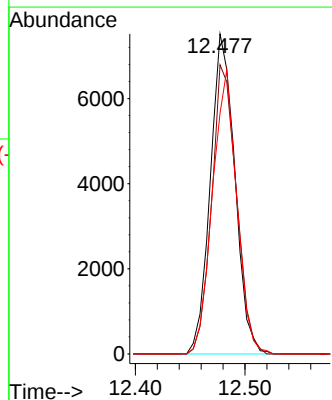
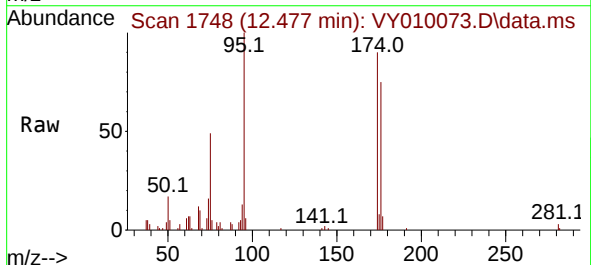
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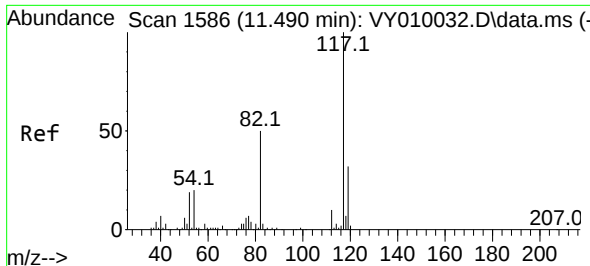
Tgt Ion: 98 Resp: 37684
Ion Ratio Lower Upper
98 100
100 67.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.362 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion: 95 Resp: 11675
Ion Ratio Lower Upper
95 100
174 91.1 0.0 184.2
176 88.1 0.0 178.4

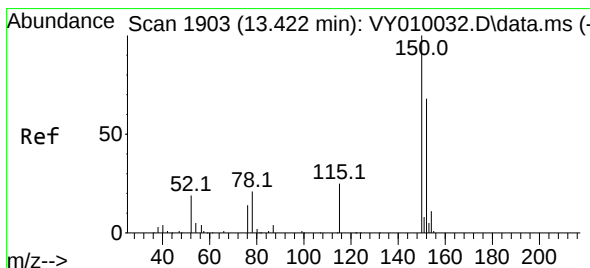
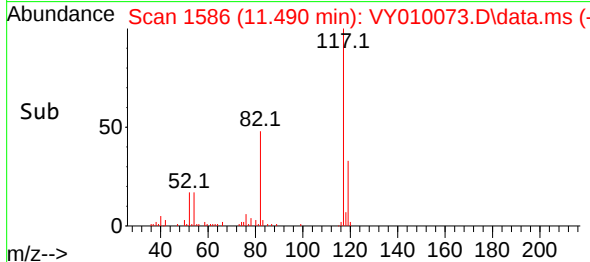
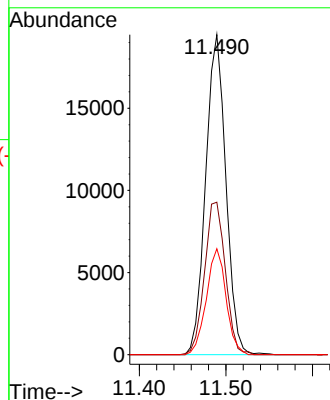
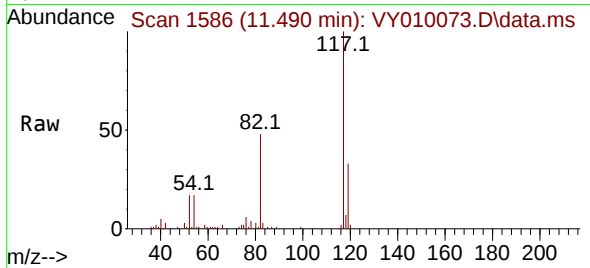




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815

Tgt Ion:117	Resp:	31578
Ion	Ratio	Lower Upper
117	100	
82	47.7	39.8 59.6
119	33.1	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion:152	Resp:	13941
Ion	Ratio	Lower Upper
152	100	
115	57.1	28.1 84.3
150	157.7	0.0 346.6

