

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009753.D
 Acq On : 28 Jul 2022 16:01
 Operator : KP/MD
 Sample : N3923-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-072722

Quant Time: Jul 29 02:57:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

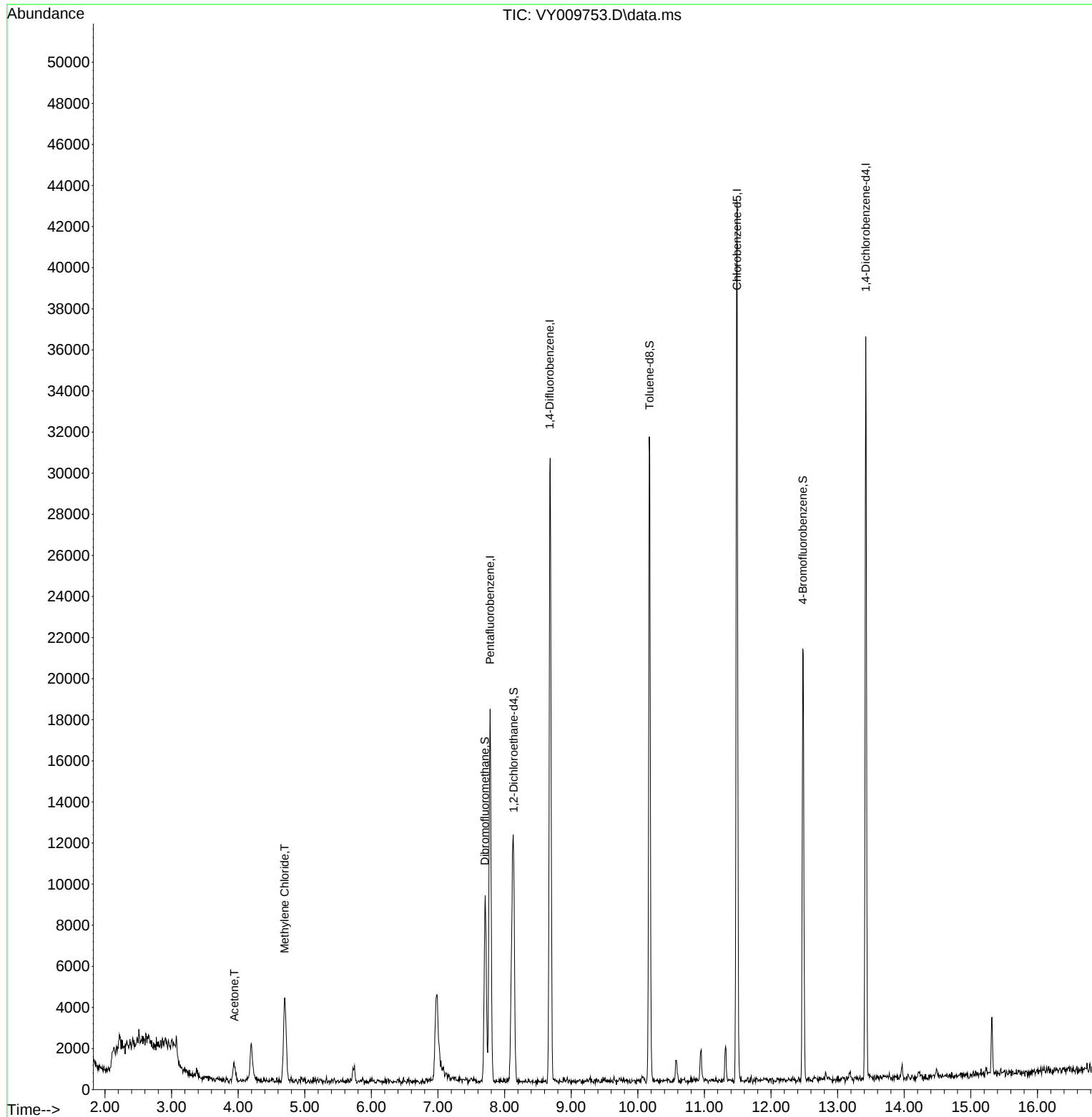
Internal Standards						
1) Pentafluorobenzene	7.783	168	14743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	27624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7312	77.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.680%
35) Dibromofluoromethane	7.703	113	6375	42.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.860%
50) Toluene-d8	10.178	98	20925	47.621	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.477	95	5578	28.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	56.000%
Target Compounds					Qvalue	
16) Acetone	3.942	43	1424	40.397	ug/l #	84
20) Methylene Chloride	4.698	84	3004	10.007	ug/l	89

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

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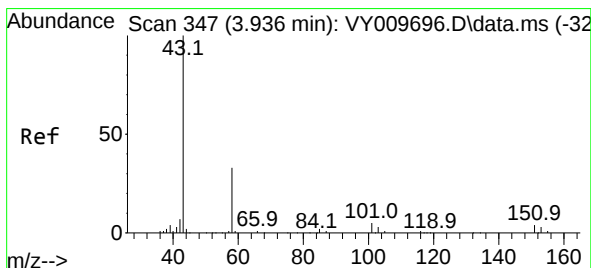
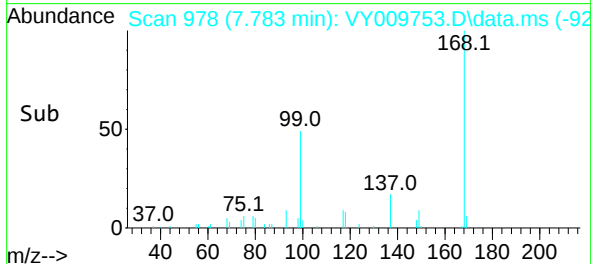
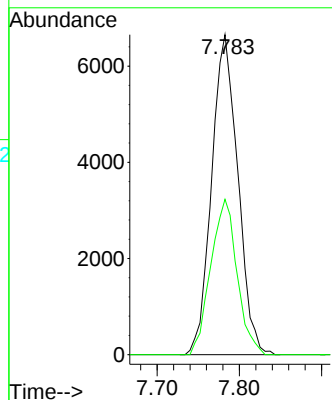
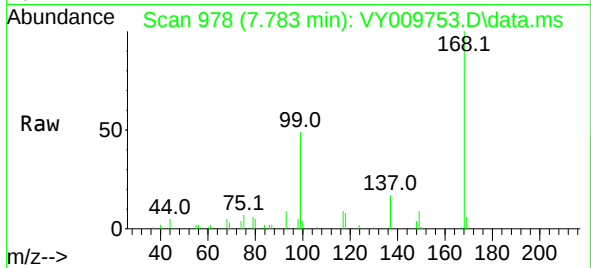




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

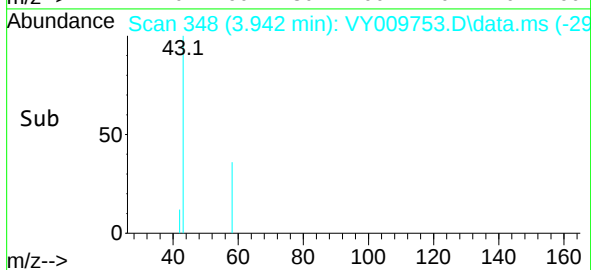
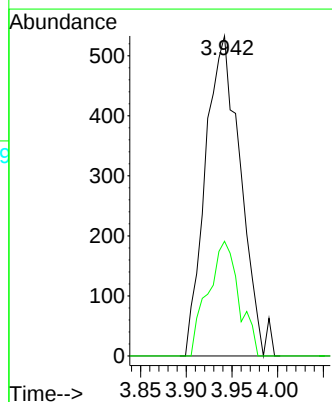
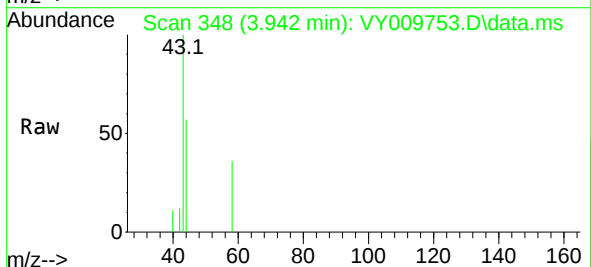
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722

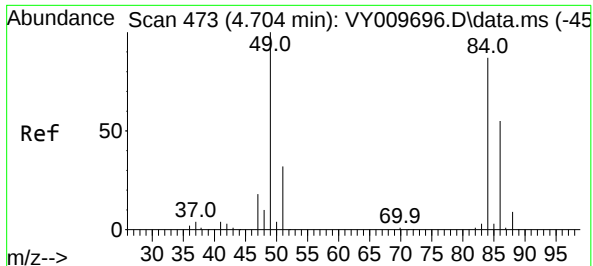
Tgt Ion:168 Resp: 14743
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#16
Acetone
Concen: 40.397 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

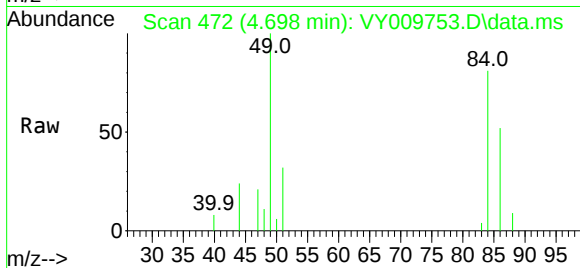
Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#



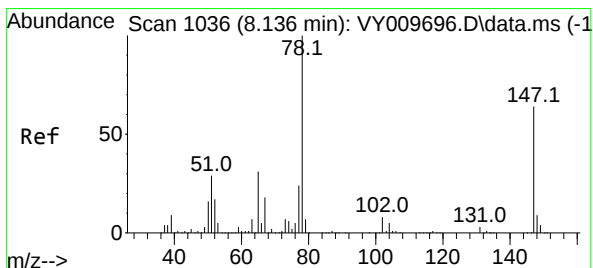
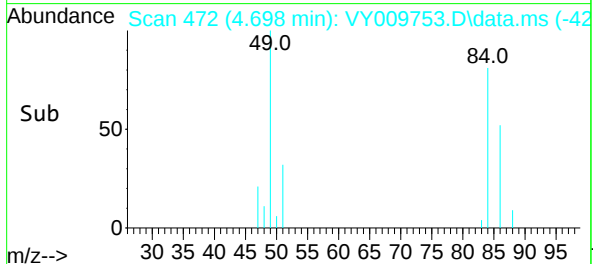
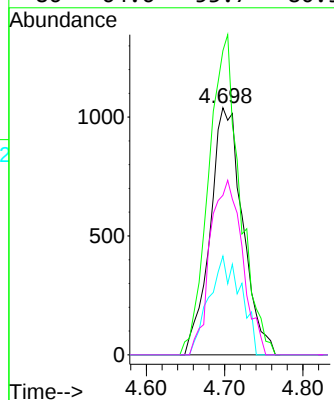


#20
Methylene Chloride
Concen: 10.007 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-072722

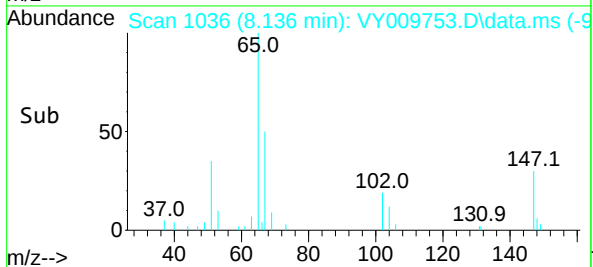
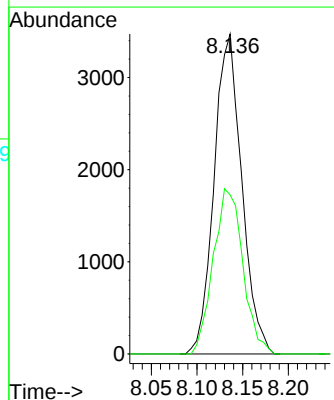
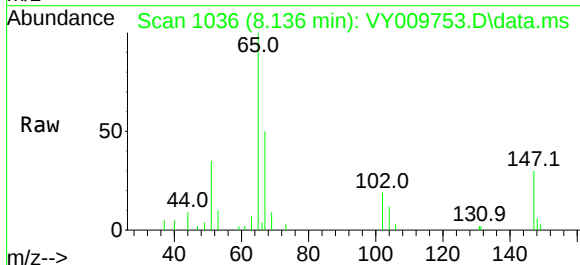


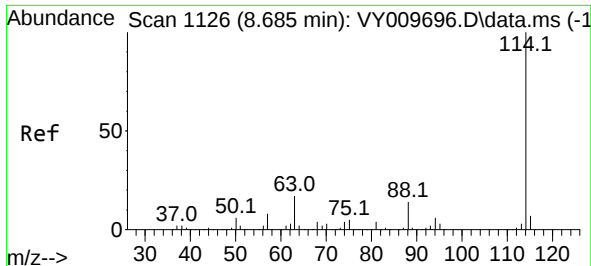
Tgt Ion:	84	Resp:	3004
Ion	Ratio	Lower	Upper
84	100		
49	123.2	114.4	171.6
51	39.9	35.3	52.9
86	64.6	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 77.335 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

Tgt Ion:	65	Resp:	7312
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009753.D

Acq: 28 Jul 2022 16:01

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-072722

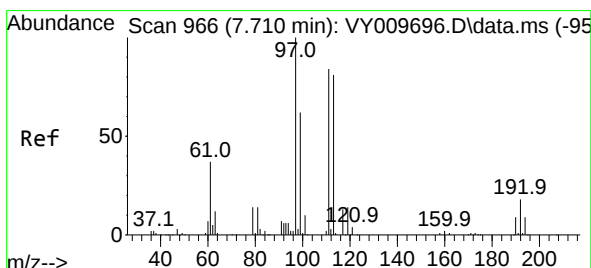
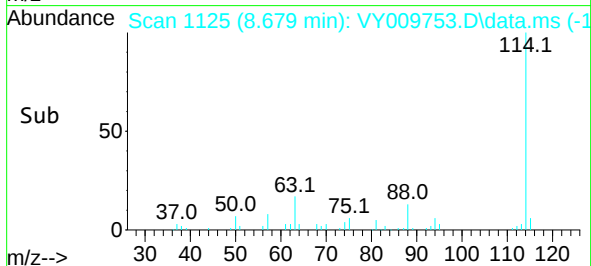
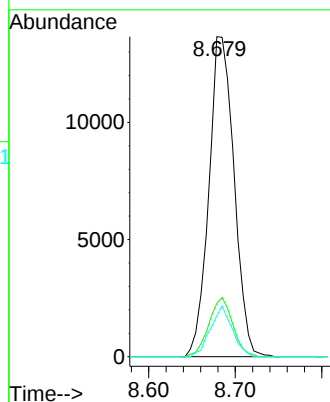
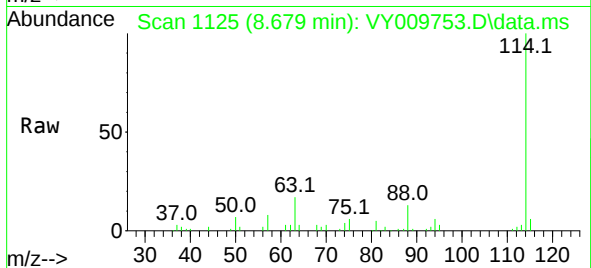
Tgt Ion:114 Resp: 27624

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 12.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.432 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.007 min

Lab File: VY009753.D

Acq: 28 Jul 2022 16:01

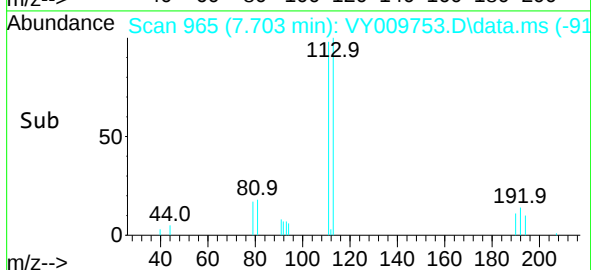
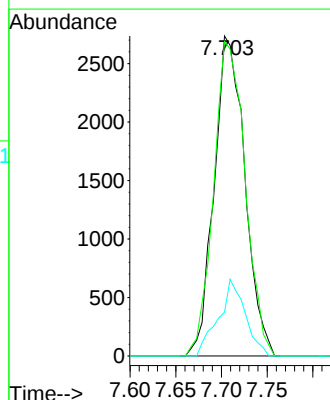
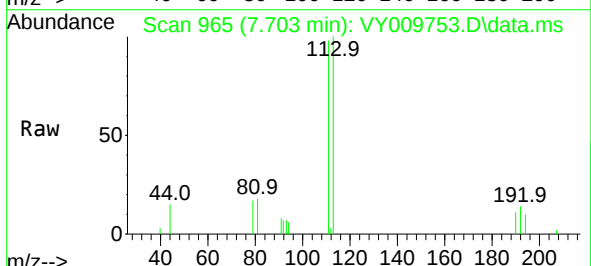
Tgt Ion:113 Resp: 6375

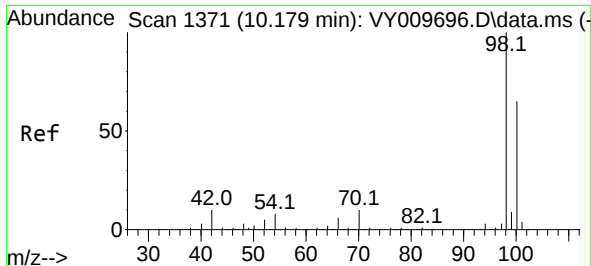
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 20.9 17.6 26.4

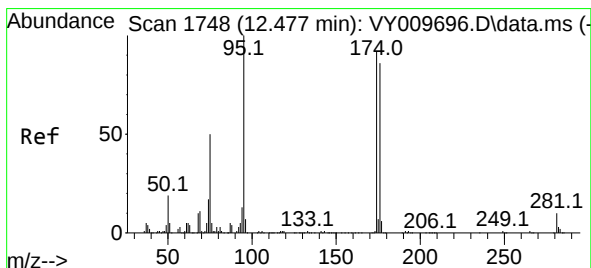
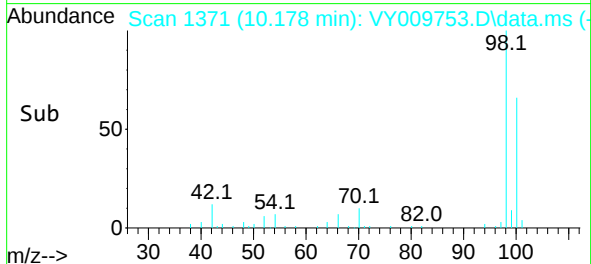
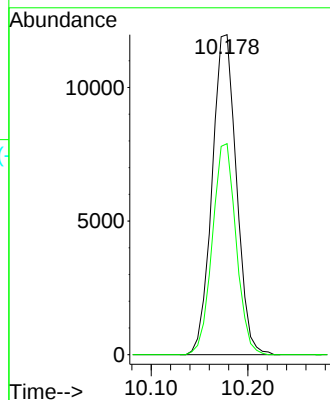
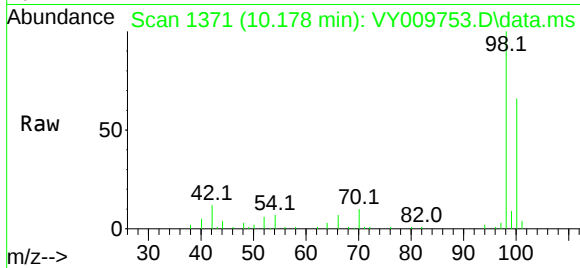




#50
Toluene-d8
Concen: 47.621 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

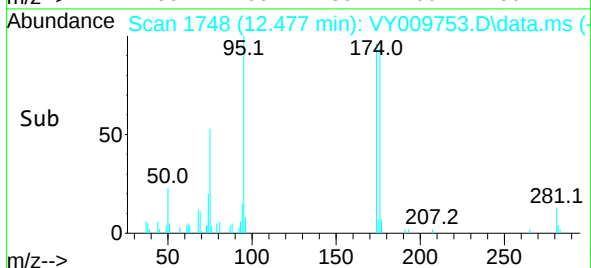
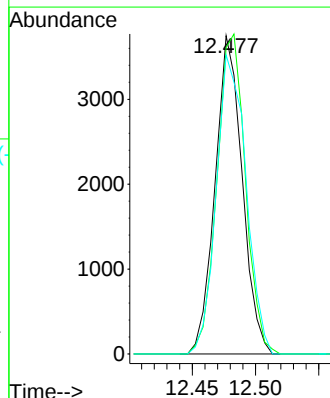
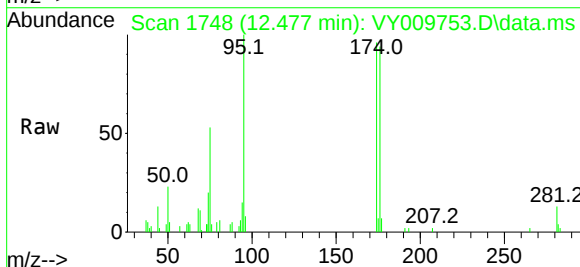
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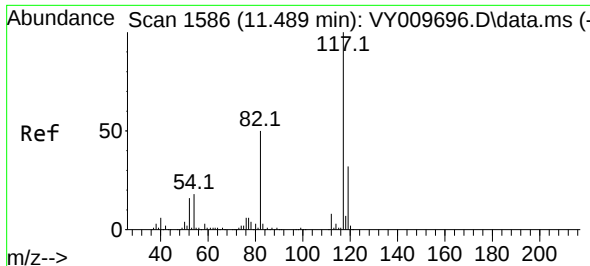
Tgt Ion: 98 Resp: 20925
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.000 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

Tgt Ion: 95 Resp: 5578
Ion Ratio Lower Upper
95 100
174 105.4 0.0 177.0
176 103.2 0.0 175.8

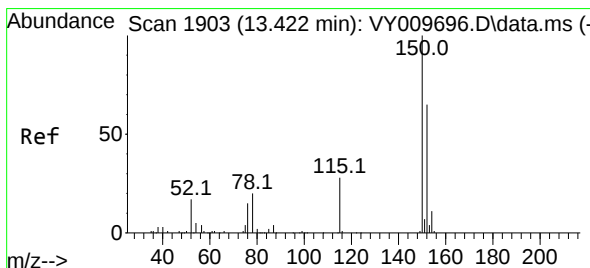
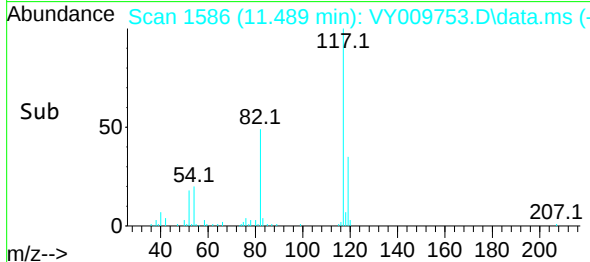
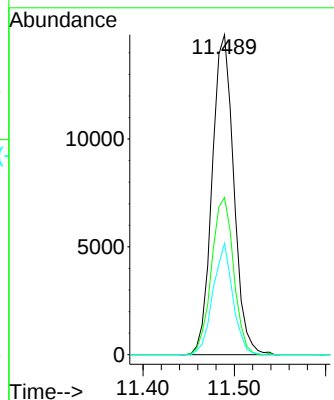
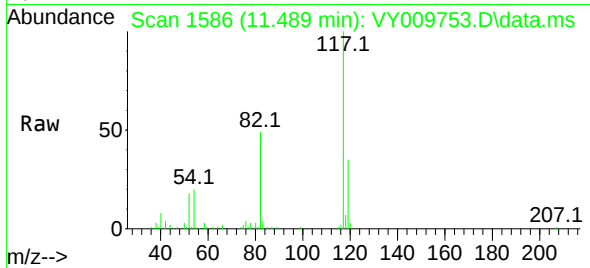




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	24362
Ion	Ratio	Lower	Upper
117	100		
82	49.1	43.0	64.4
119	34.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009753.D
Acq: 28 Jul 2022 16:01

Tgt Ion:	152	Resp:	9655
Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.2	84.7
150	160.2	0.0	347.6

