

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014043.D
 Acq On : 06 Jun 2023 20:06
 Operator : KP/MD
 Sample : 03044-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.0-7.0

Quant Time: Jun 07 01:43:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

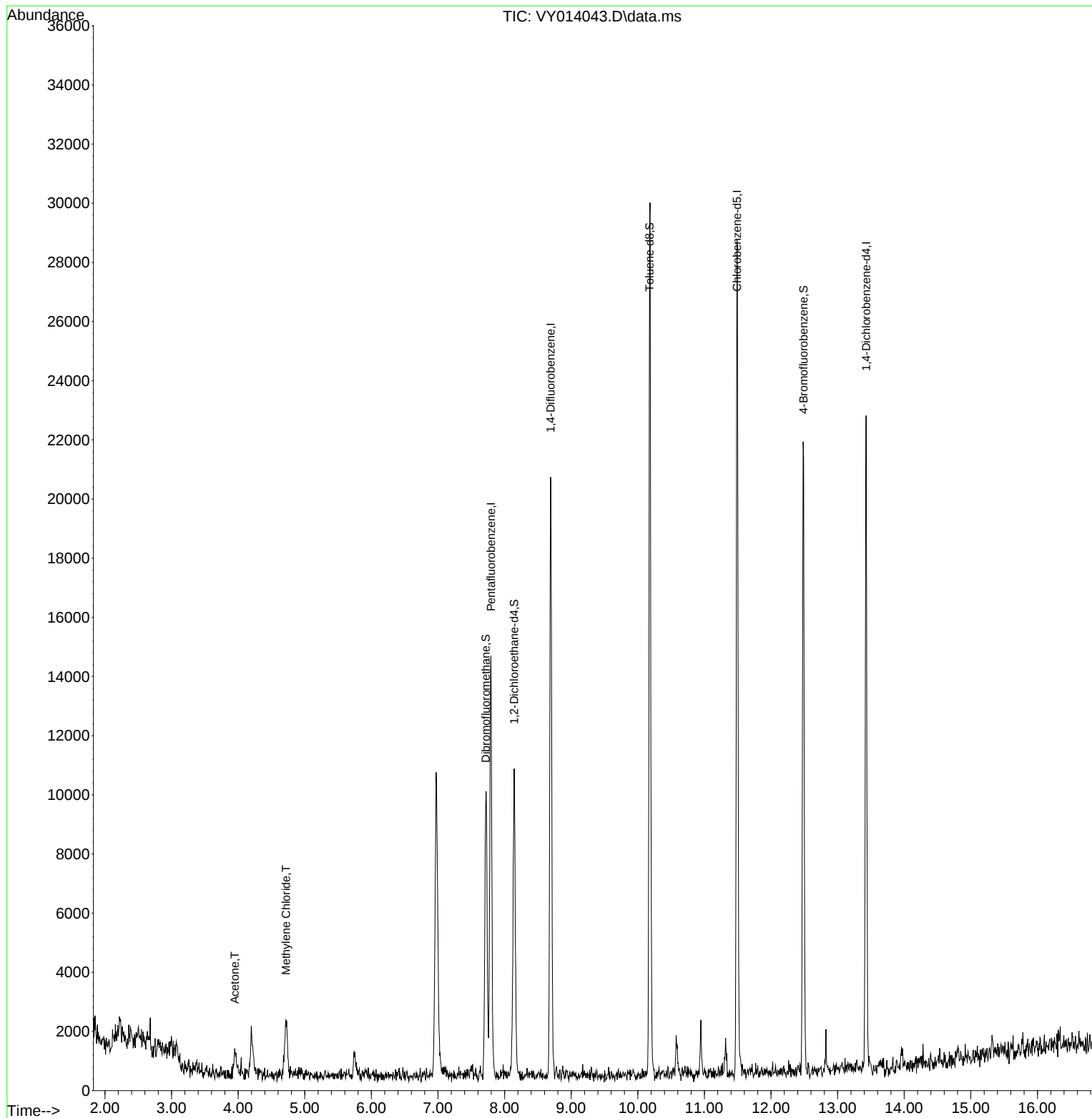
Internal Standards						
1) Pentafluorobenzene	7.795	168	11086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8208	55.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.860%
35) Dibromofluoromethane	7.715	113	6842	61.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.800%
50) Toluene-d8	10.178	98	19950	47.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.489	95	5781	40.221	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.440%
Target Compounds						Qvalue
16) Acetone	3.948	43	1574	31.349	ug/l	97
20) Methylene Chloride	4.716	84	1518	7.807	ug/l #	78

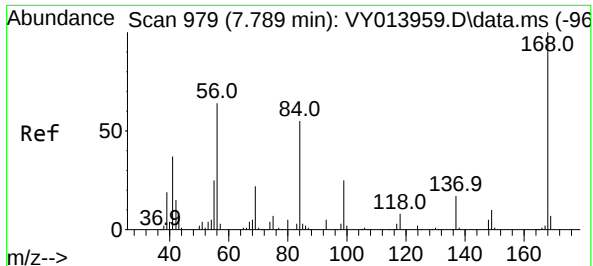
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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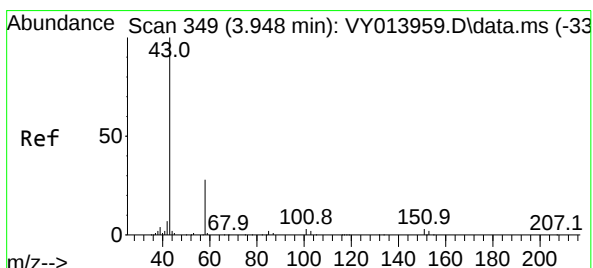
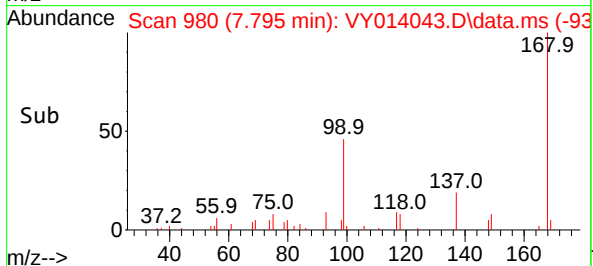
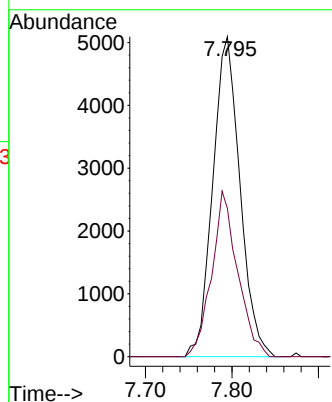
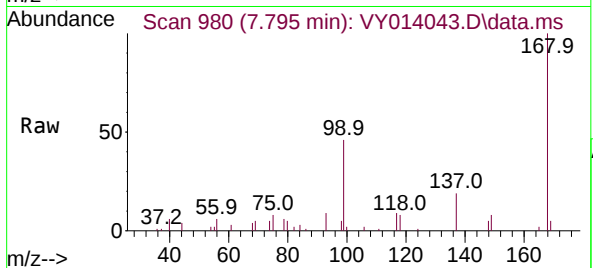




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

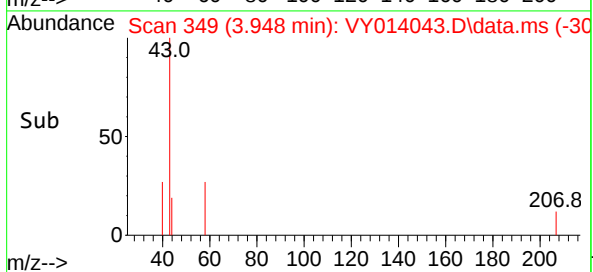
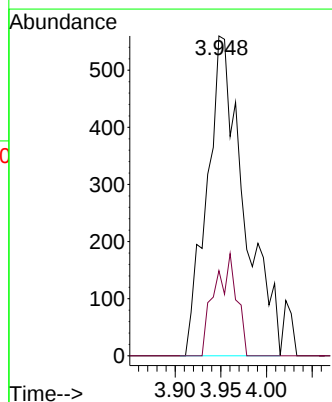
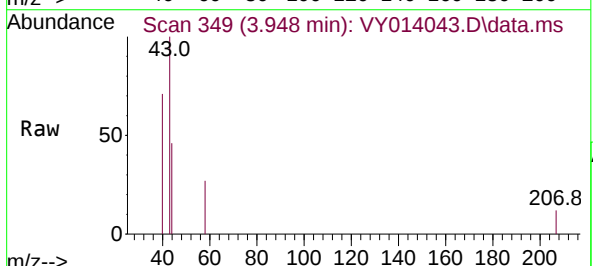
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0

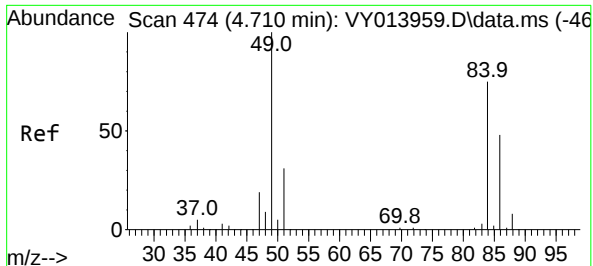
Tgt Ion:168 Resp: 11086
Ion Ratio Lower Upper
168 100
99 46.3 43.4 65.0



#16
Acetone
Concen: 31.349 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

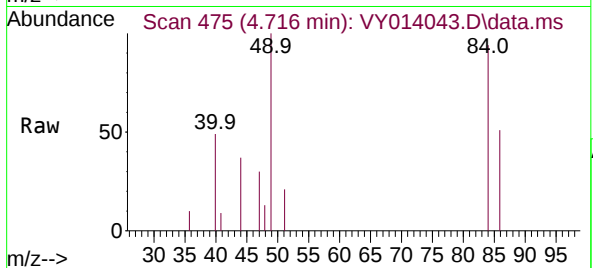
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 26.6 22.7 34.1



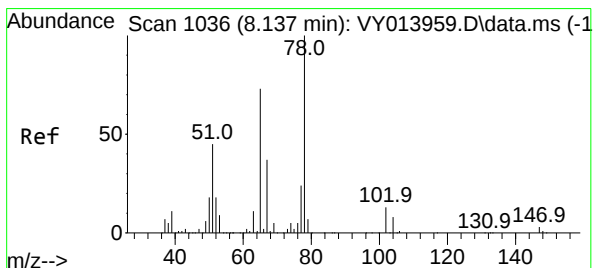
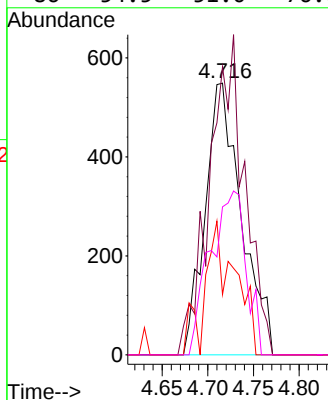
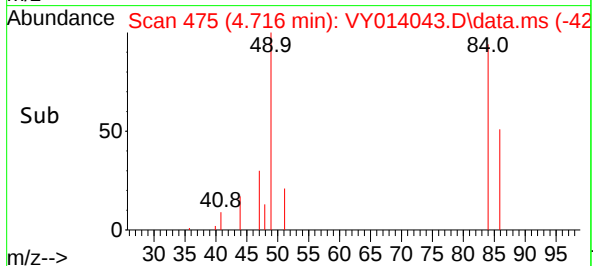


#20
Methylene Chloride
Concen: 7.807 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0

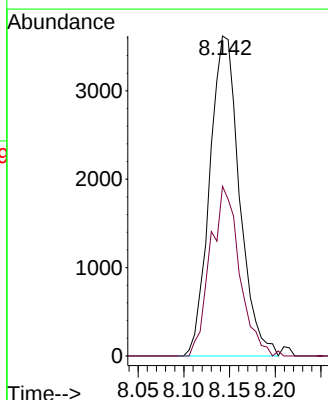
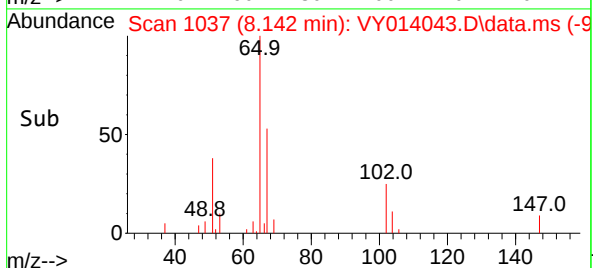
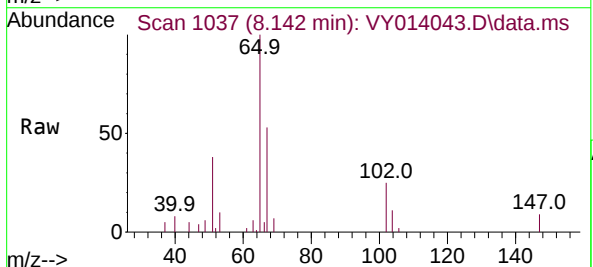


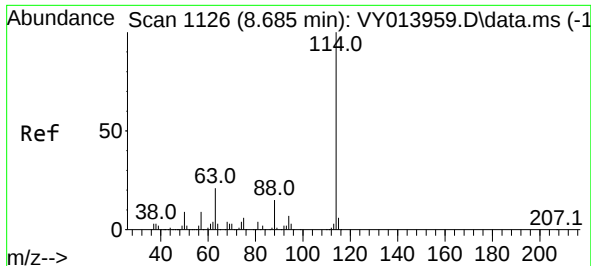
Tgt Ion:	84	Resp:	1518
Ion	Ratio	Lower	Upper
84	100		
49	106.0	106.9	160.3#
51	22.2	33.2	49.8#
86	54.5	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 55.931 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

Tgt Ion:	65	Resp:	8208
Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VY014043.D

Acq: 06 Jun 2023 20:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.0-7.0

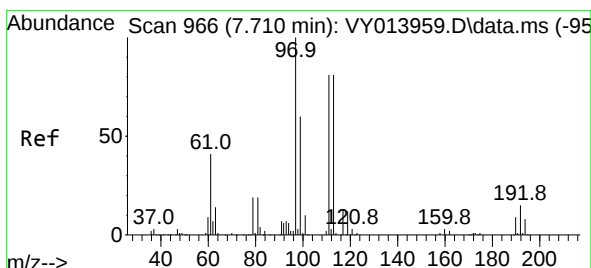
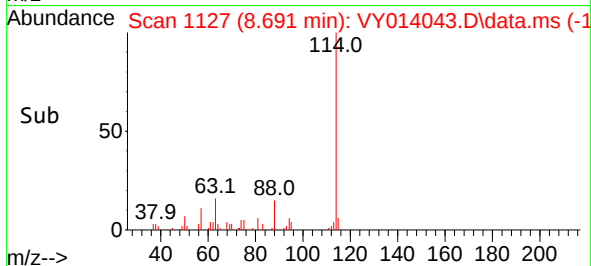
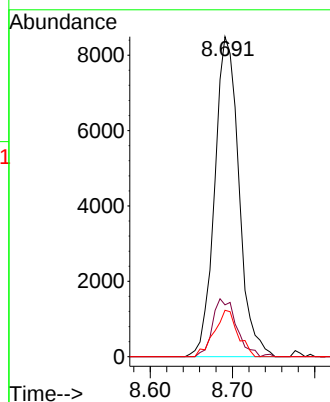
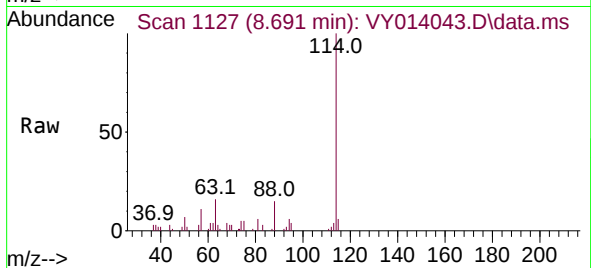
Tgt Ion:114 Resp: 17392

Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 61.903 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014043.D

Acq: 06 Jun 2023 20:06

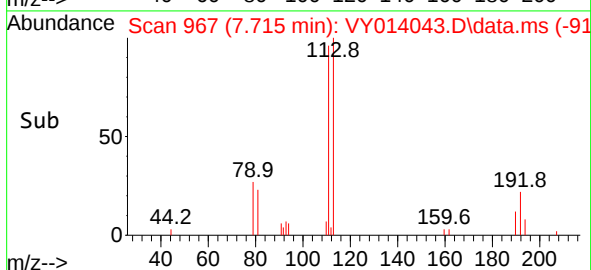
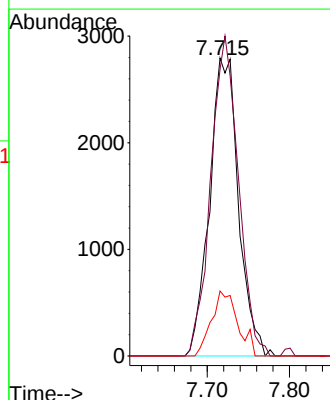
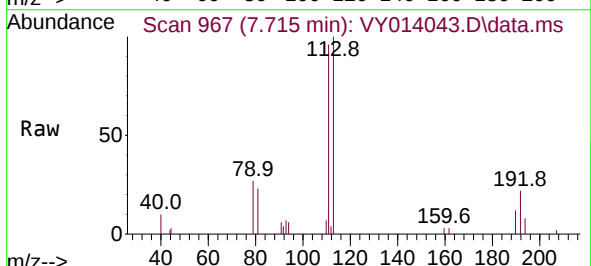
Tgt Ion:113 Resp: 6842

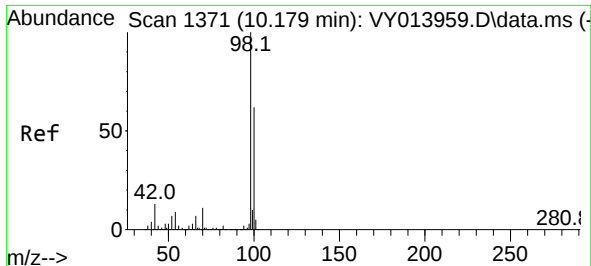
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 19.7 16.9 25.3

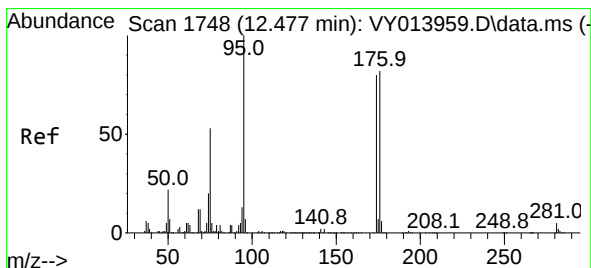
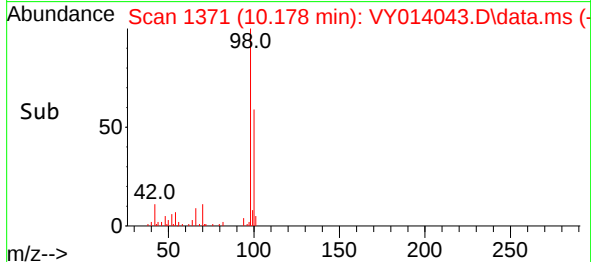
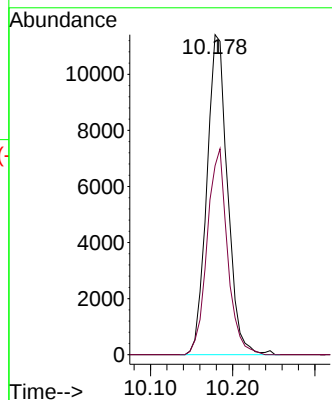
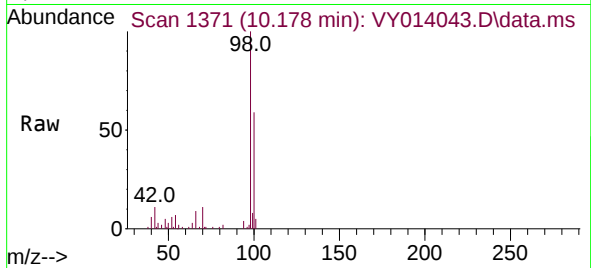




#50
Toluene-d8
Concen: 47.320 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

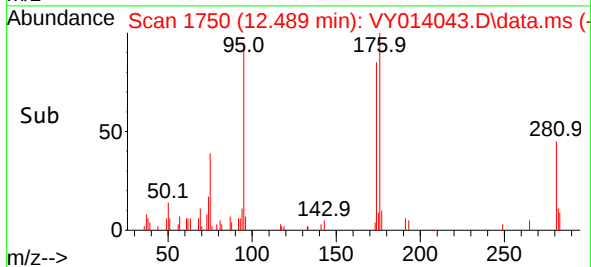
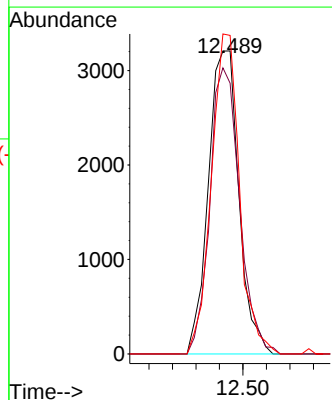
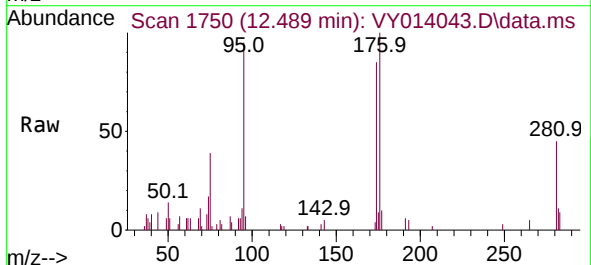
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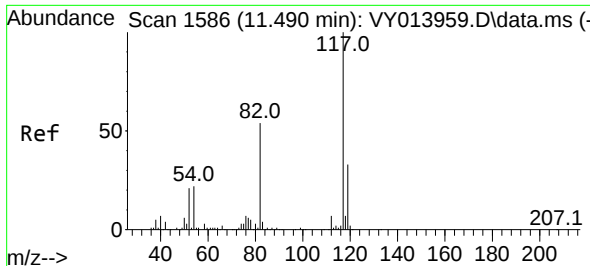
Tgt Ion: 98 Resp: 19950
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.221 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

Tgt Ion: 95 Resp: 5781
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 97.1 0.0 173.8

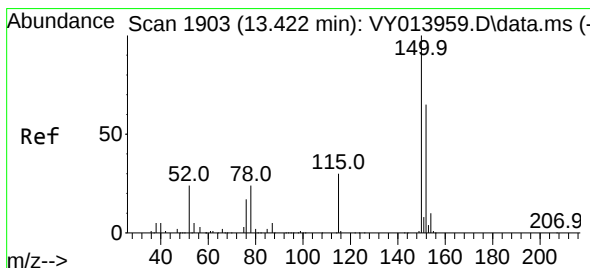
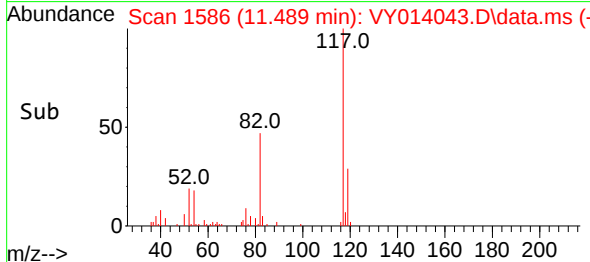
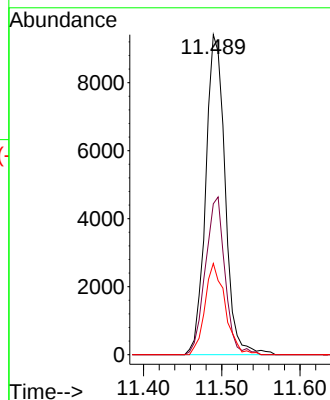
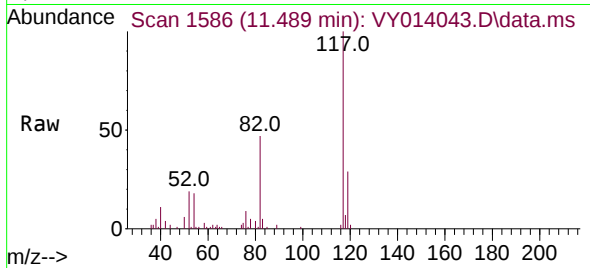




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.0-7.0

Tgt Ion:117	Resp:	16168
Ion	Ratio	Lower Upper
117	100	
82	47.2	43.4 65.0
119	28.5	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014043.D
Acq: 06 Jun 2023 20:06

Tgt Ion:152	Resp:	5940
Ion	Ratio	Lower Upper
152	100	
115	54.5	28.8 86.5
150	158.3	0.0 348.8

