

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010071.D
 Acq On : 17 Aug 2022 16:15
 Operator : KP/MD
 Sample : N3894-13
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-32

Quant Time: Aug 18 08:20:44 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)

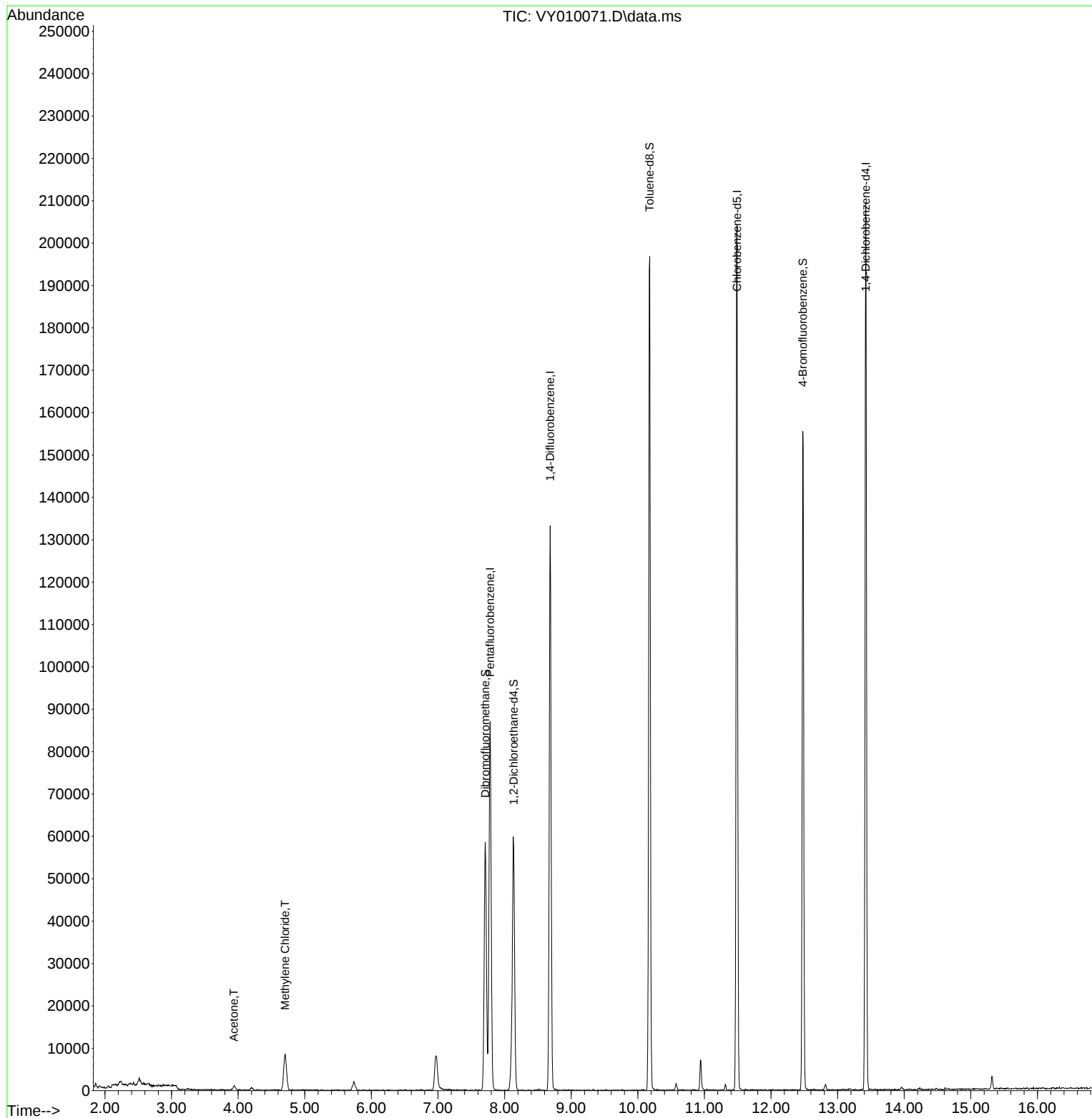
Internal Standards						
1) Pentafluorobenzene	7.783	168	69674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	116045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42511	61.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.040%
35) Dibromofluoromethane	7.710	113	39531	52.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.060%
50) Toluene-d8	10.179	98	131401	47.195	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.477	95	46147	47.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.380%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	1847	12.378	ug/l #	88
20) Methylene Chloride	4.704	84	6520	6.514	ug/l	89

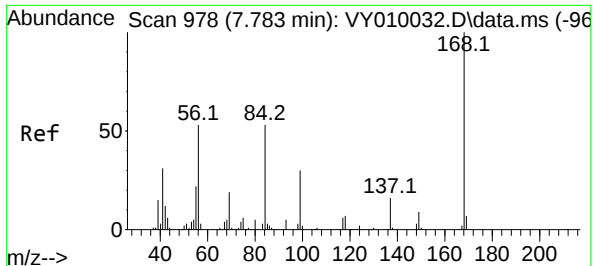
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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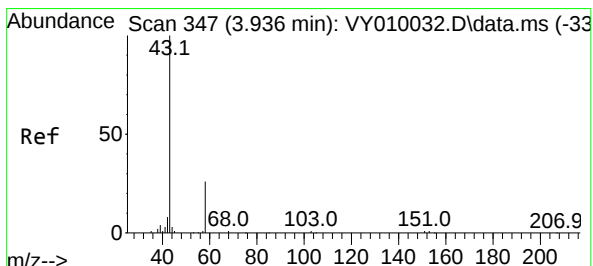
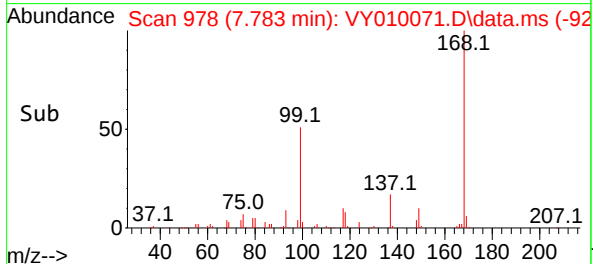
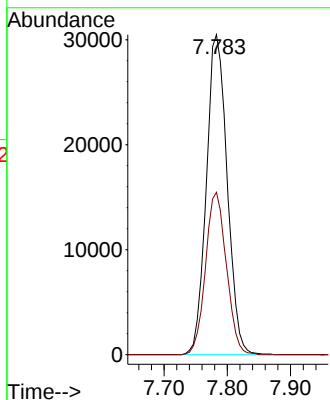
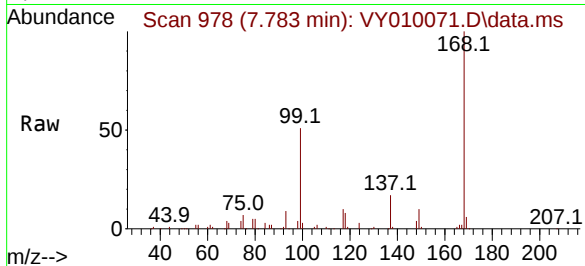




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010071.D
Acq: 17 Aug 2022 16:15

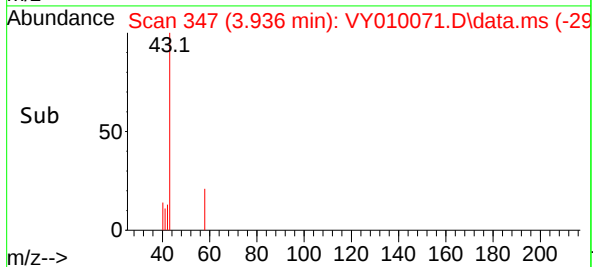
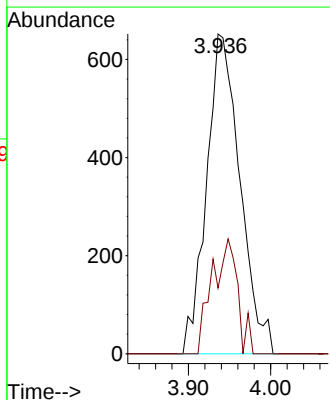
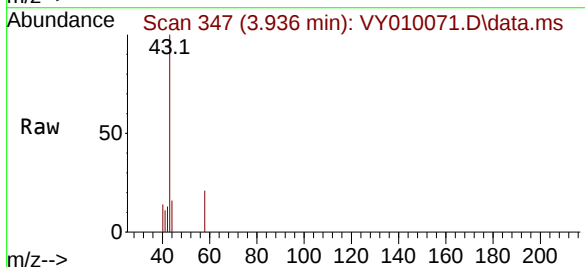
Instrument :
MSVOA_Y
ClientSampleId :
RVE-32

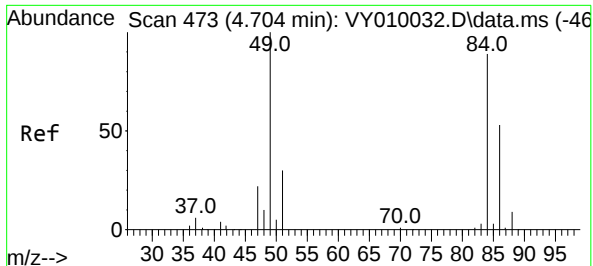
Tgt Ion:168 Resp: 69674
Ion Ratio Lower Upper
168 100
99 50.8 37.7 56.5



#16
Acetone
Concen: 12.378 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010071.D
Acq: 17 Aug 2022 16:15

Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
58 20.6 21.4 32.0#

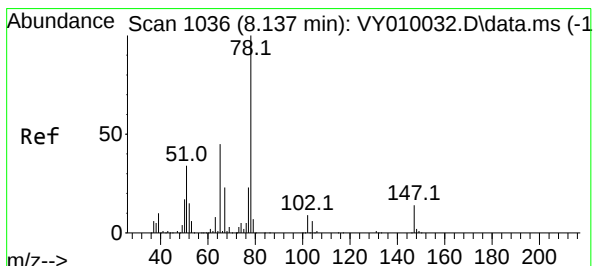
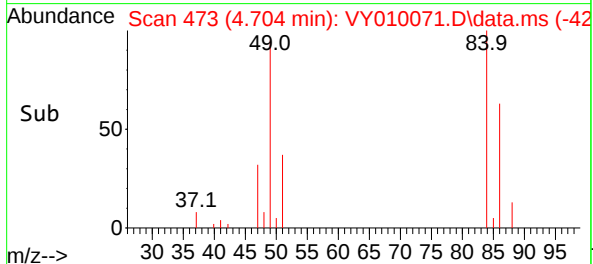
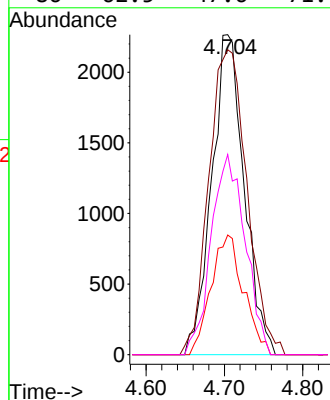
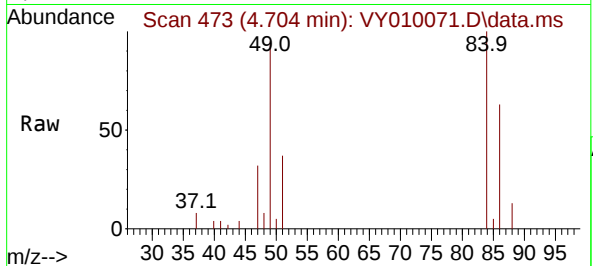




#20
Methylene Chloride
Concen: 6.514 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010071.D
Acq: 17 Aug 2022 16:15

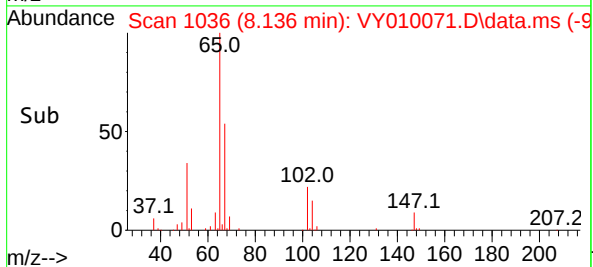
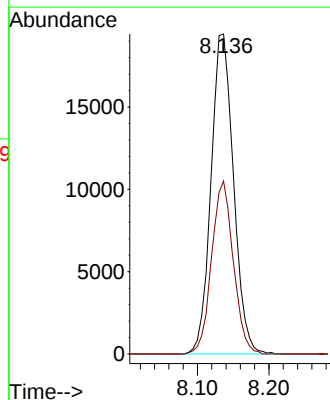
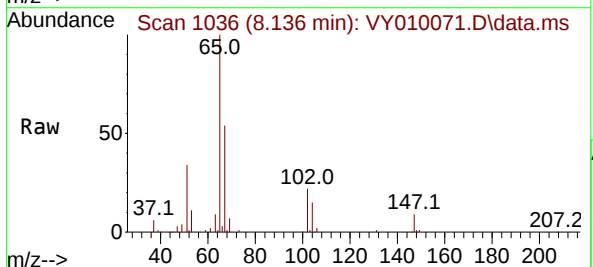
Instrument :
MSVOA_Y
ClientSampleId :
RVE-32

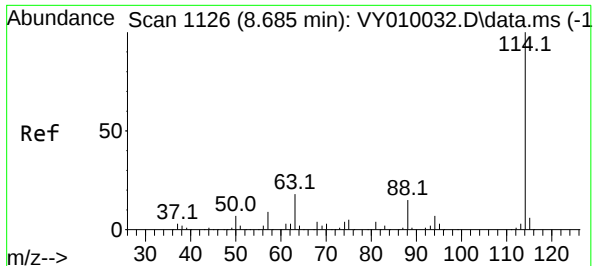
Tgt Ion:	84	Resp:	6520
Ion	Ratio	Lower	Upper
84	100		
49	95.3	89.5	134.3
51	37.4	26.8	40.2
86	62.5	47.6	71.4



#33
1,2-Dichloroethane-d4
Concen: 61.022 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010071.D
Acq: 17 Aug 2022 16:15

Tgt Ion:	65	Resp:	42511
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VY010071.D

Acq: 17 Aug 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RVE-32

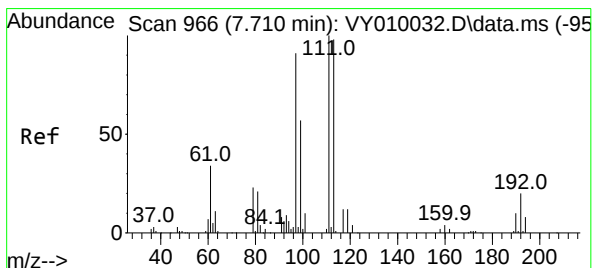
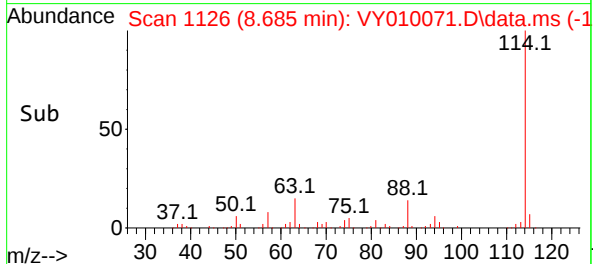
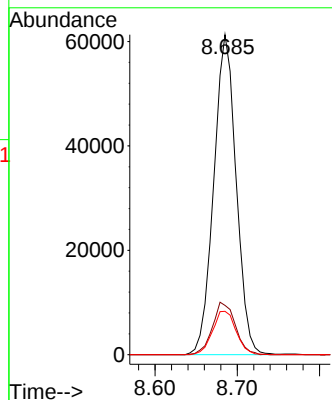
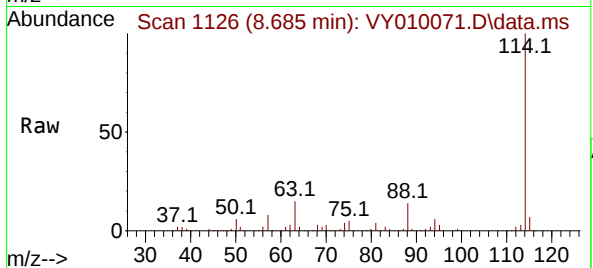
Tgt Ion:114 Resp: 116045

Ion Ratio Lower Upper

114 100

63 15.4 0.0 35.2

88 13.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.529 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010071.D

Acq: 17 Aug 2022 16:15

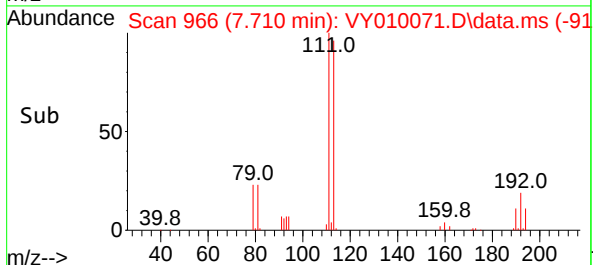
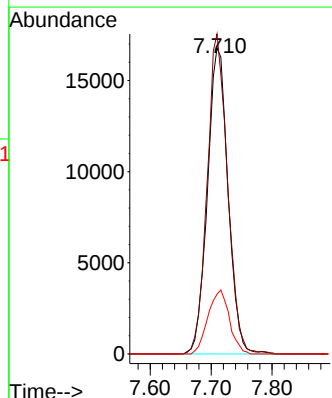
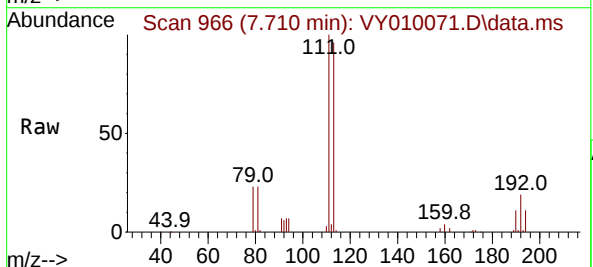
Tgt Ion:113 Resp: 39531

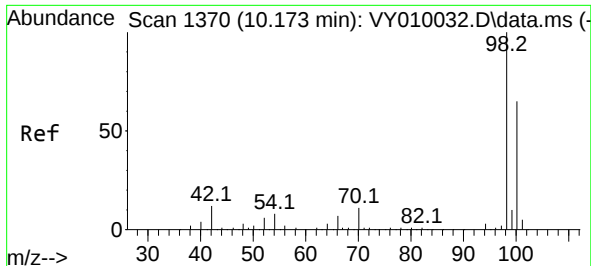
Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 21.6 17.2 25.8

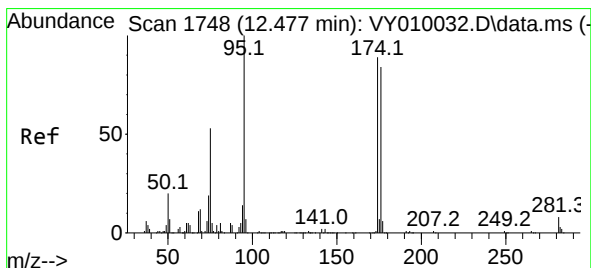
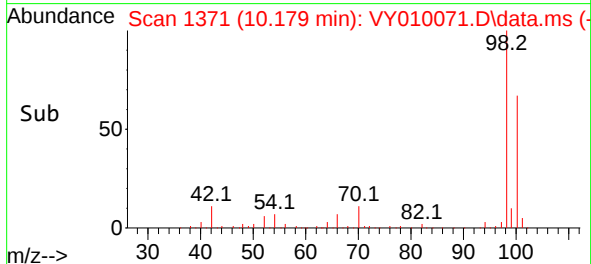
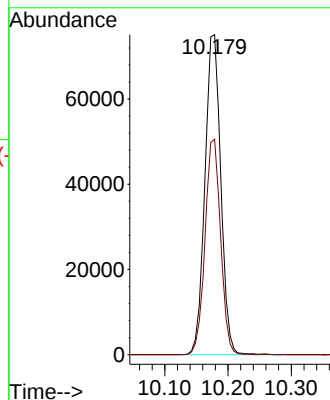
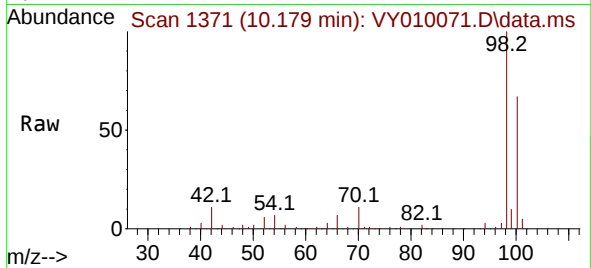




#50
Toluene-d8
Concen: 47.195 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010071.D
Acq: 17 Aug 2022 16:15

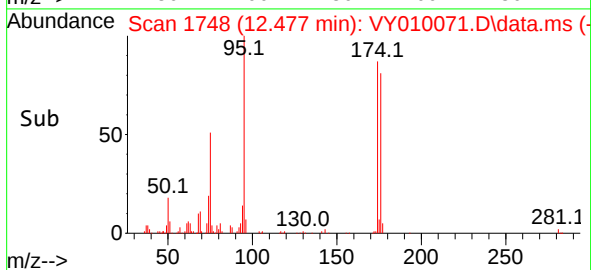
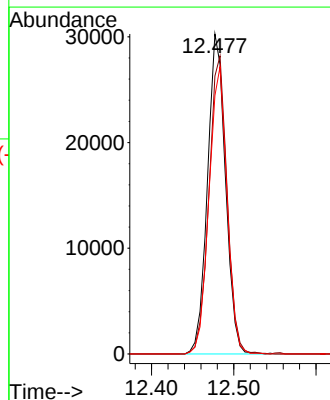
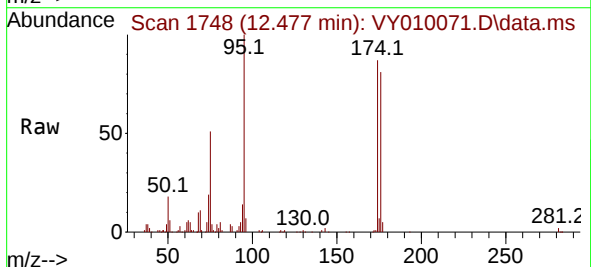
Instrument :
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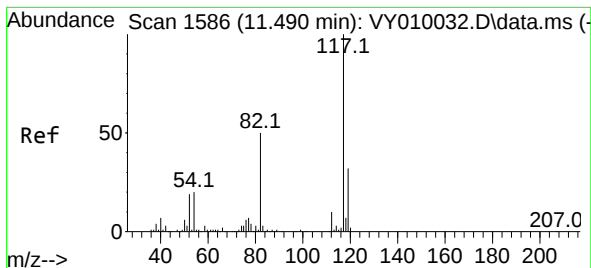
Tgt Ion: 98 Resp: 131401
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010071.D
Acq: 17 Aug 2022 16:15

Tgt Ion: 95 Resp: 46147
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.2
176 90.0 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010071.D

Acq: 17 Aug 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RVE-32

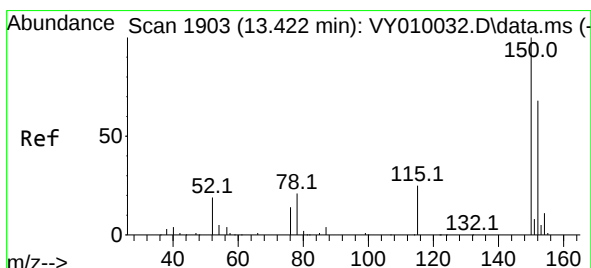
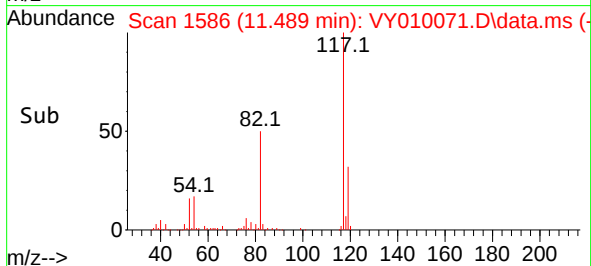
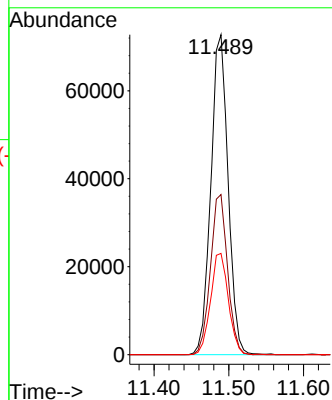
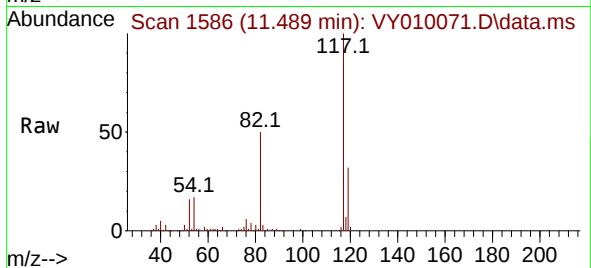
Tgt Ion:117 Resp: 116325

Ion Ratio Lower Upper

117 100

82 50.1 39.8 59.6

119 31.7 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: VY010071.D

Acq: 17 Aug 2022 16:15

Tgt Ion:152 Resp: 55714

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 157.0 0.0 346.6

