

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009742.D
 Acq On : 28 Jul 2022 11:43
 Operator : KP/MD
 Sample : N3896-15
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-72

Quant Time: Jul 29 02:55:33 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)

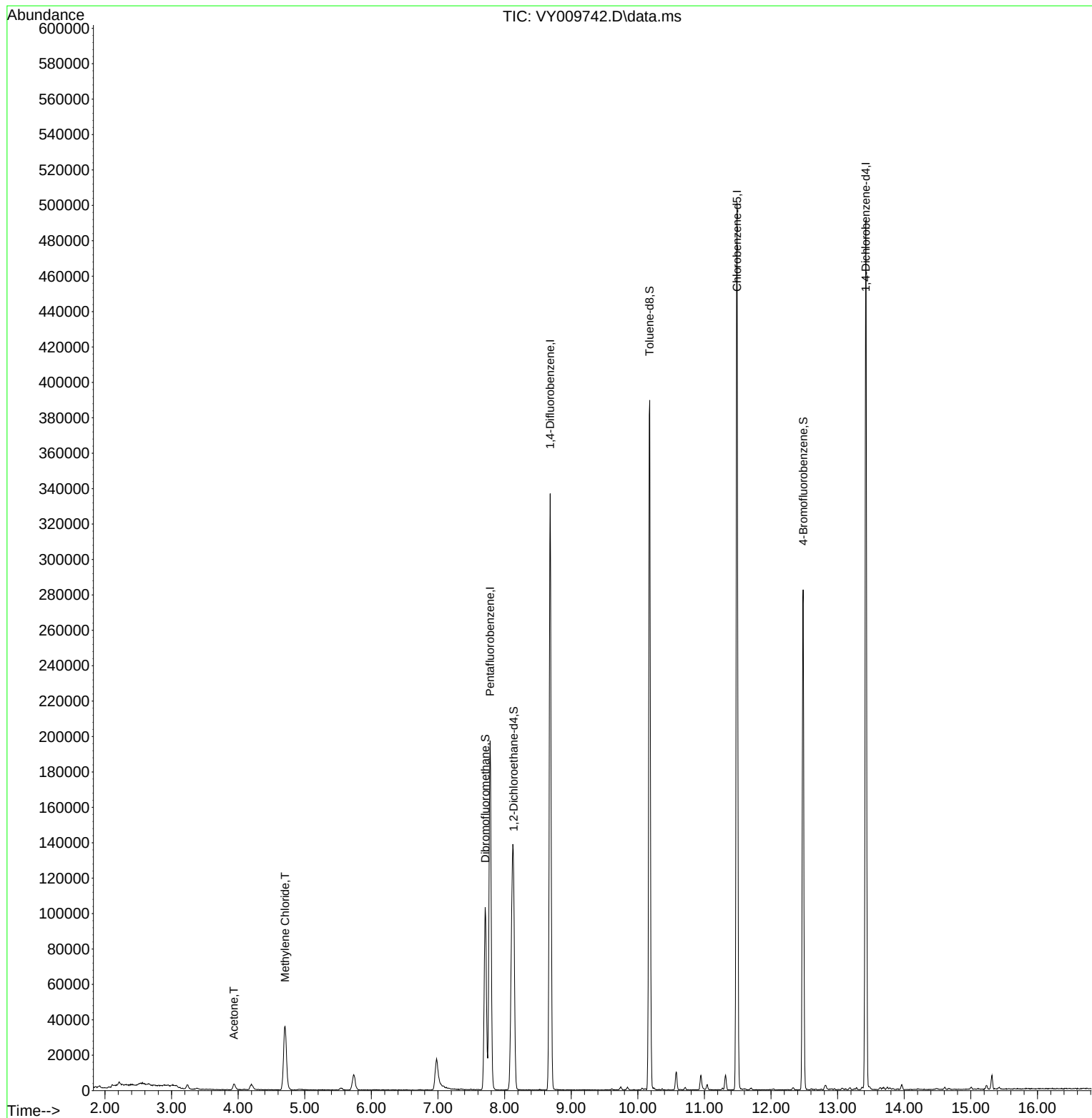
Internal Standards						
1) Pentafluorobenzene	7.783	168	165256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72207	67.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.900%
35) Dibromofluoromethane	7.710	113	72910	45.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.760%
50) Toluene-d8	10.179	98	260503	56.202	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.400%
62) 4-Bromofluorobenzene	12.483	95	81488	38.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	76.500%
Target Compounds						
16) Acetone	3.936	43	5732	14.507	ug/l	96
20) Methylene Chloride	4.704	84	28610	6.697	ug/l	88

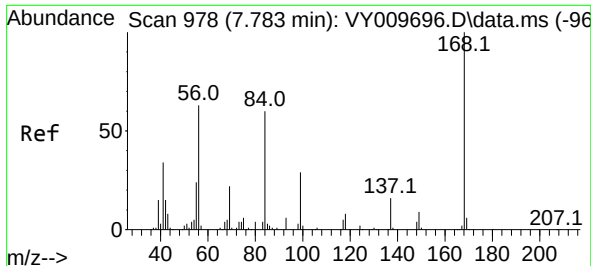
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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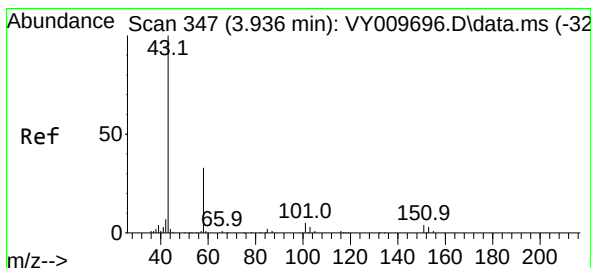
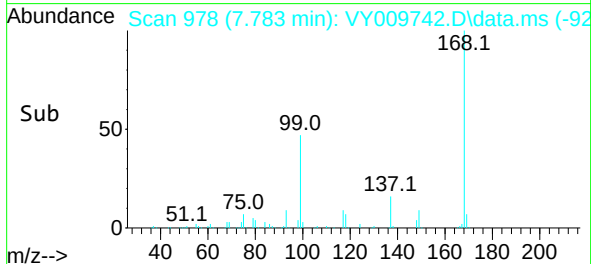
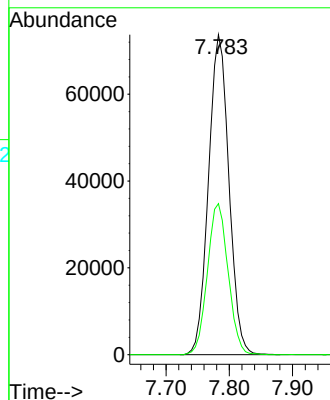
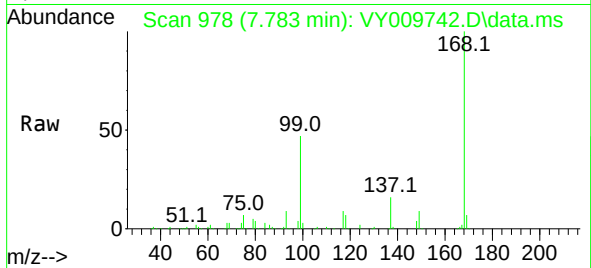




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

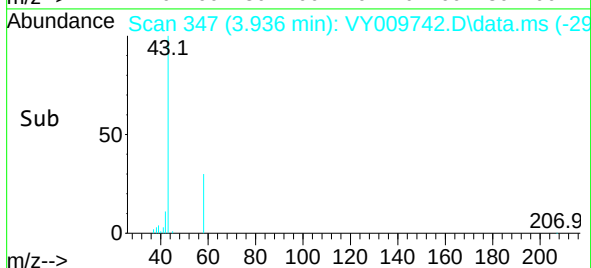
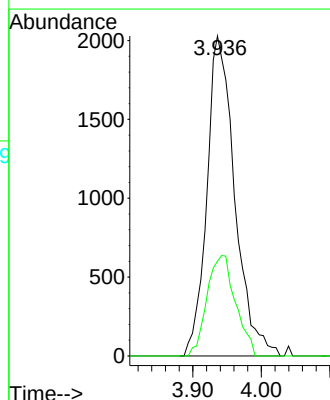
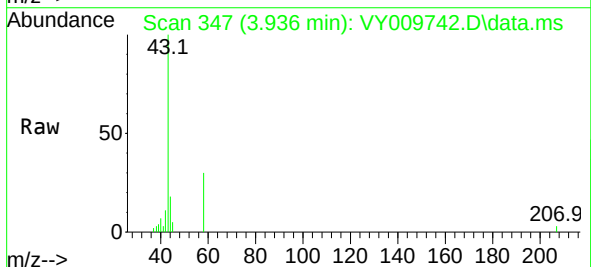
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

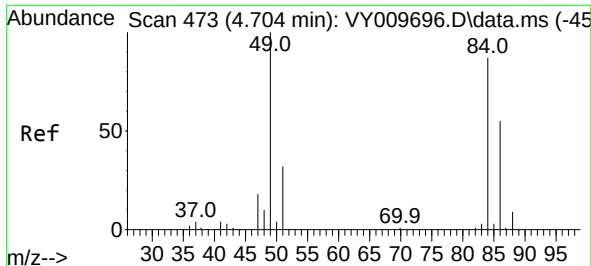
Tgt Ion:168 Resp: 165256
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#16
Acetone
Concen: 14.507 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion: 43 Resp: 5732
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0





#20

Methylene Chloride

Concen: 6.697 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009742.D

Acq: 28 Jul 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

RVE-72

Tgt Ion: 84 Resp: 28610

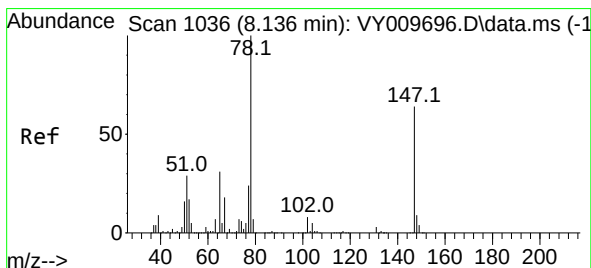
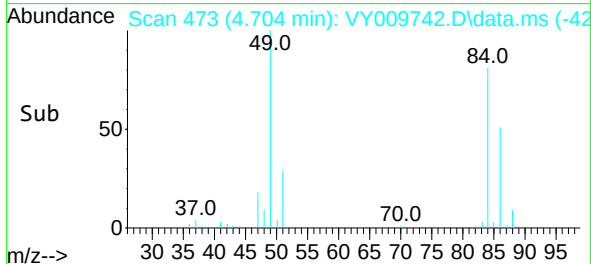
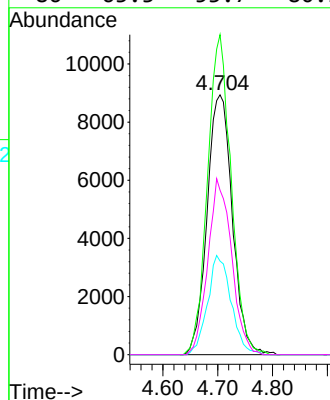
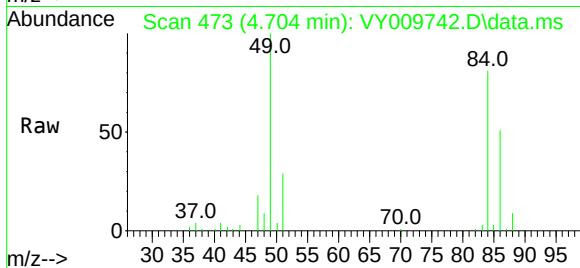
Ion Ratio Lower Upper

84 100

49 123.2 114.4 171.6

51 36.1 35.3 52.9

86 63.3 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 67.447 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009742.D

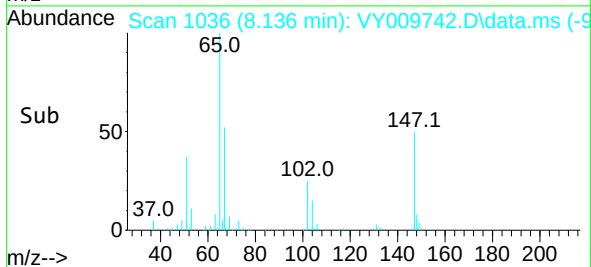
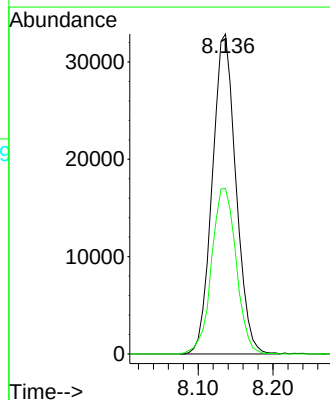
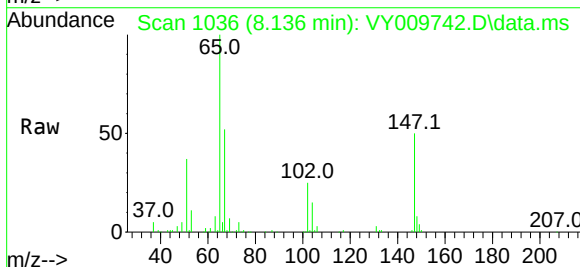
Acq: 28 Jul 2022 11:43

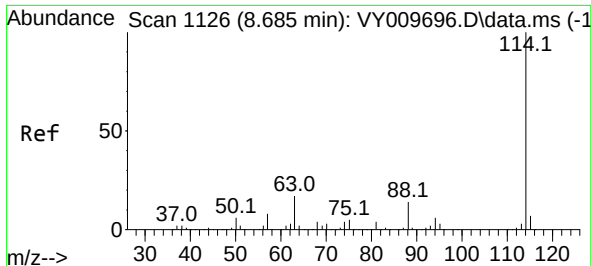
Tgt Ion: 65 Resp: 72207

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009742.D

Acq: 28 Jul 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

RVE-72

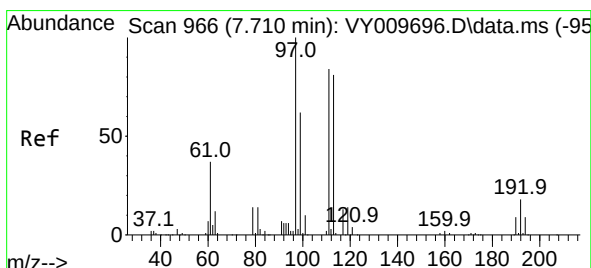
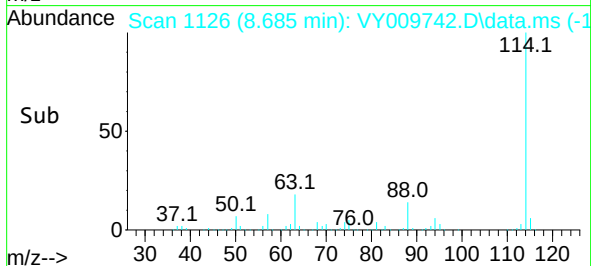
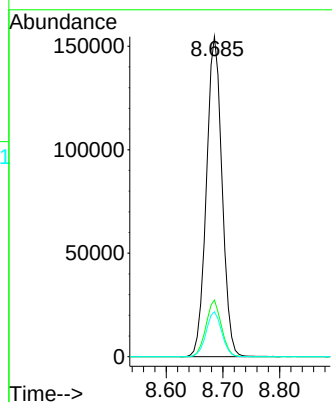
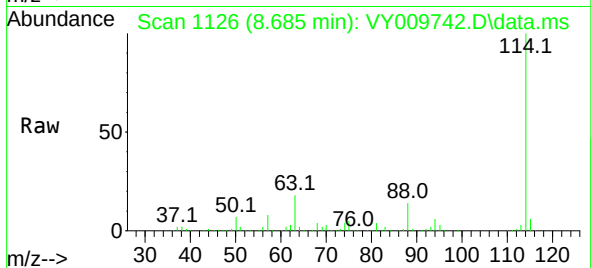
Tgt Ion:114 Resp: 295394

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.382 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009742.D

Acq: 28 Jul 2022 11:43

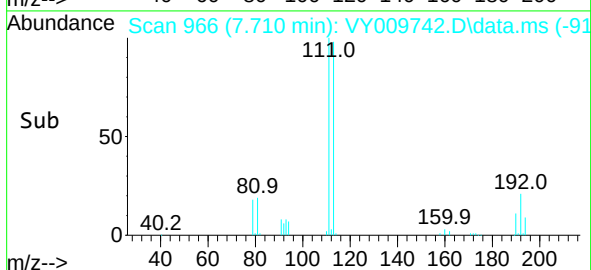
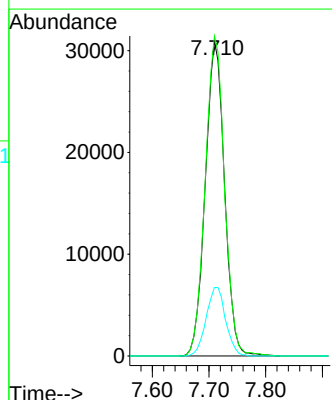
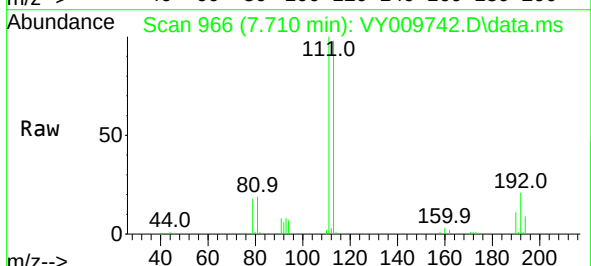
Tgt Ion:113 Resp: 72910

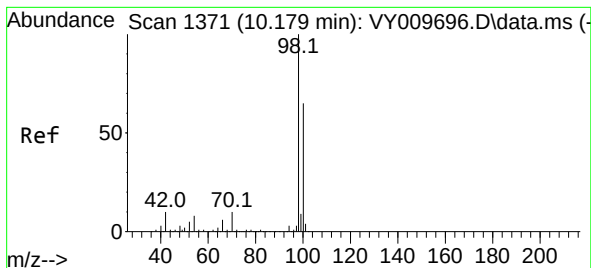
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 22.0 17.6 26.4

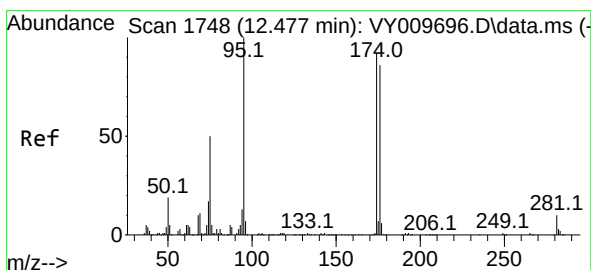
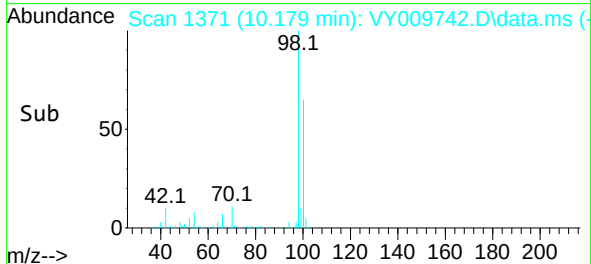
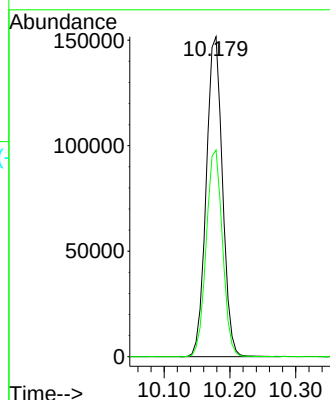
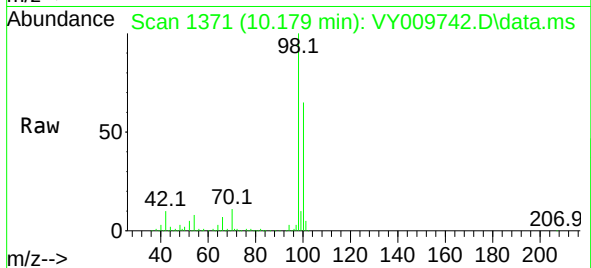




#50
Toluene-d8
Concen: 56.202 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

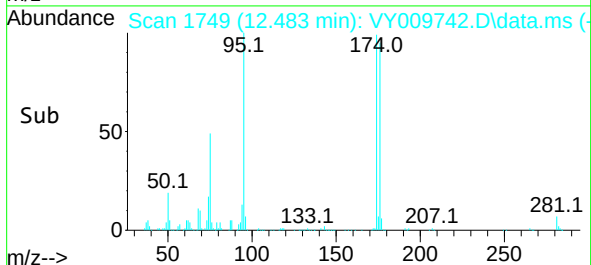
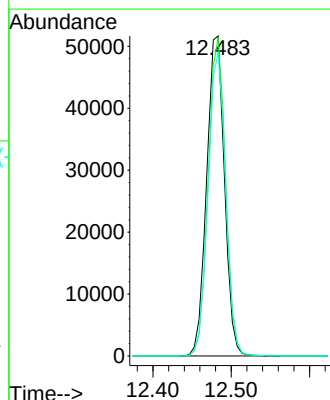
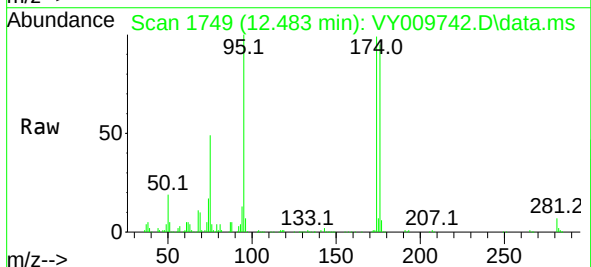
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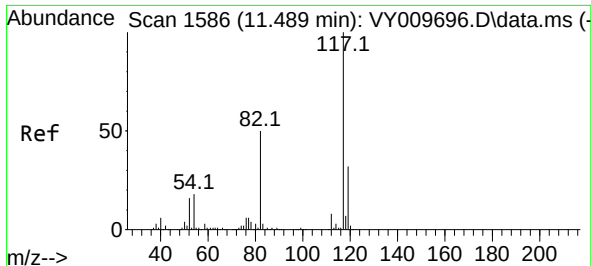
Tgt Ion: 98 Resp: 260503
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion: 95 Resp: 81488
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.2 0.0 175.8

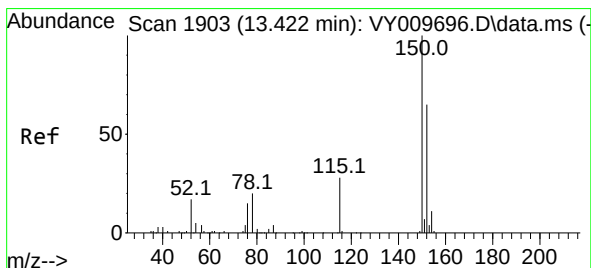
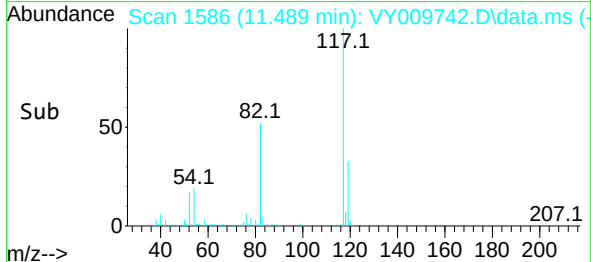
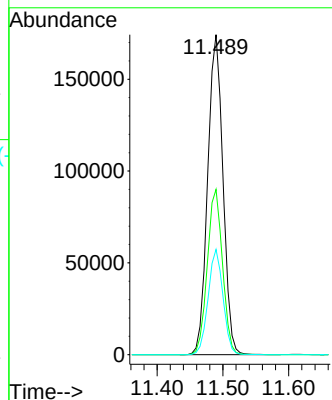
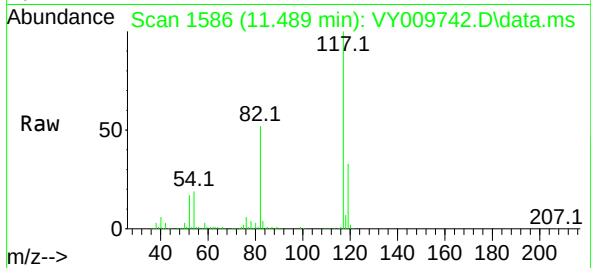




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

Tgt Ion:117 Resp: 281640
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.9 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: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion:152 Resp: 132200
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 155.9 0.0 347.6

