

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009761.D
 Acq On : 28 Jul 2022 19:10
 Operator : KP/MD
 Sample : N3930-03
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-96

Quant Time: Jul 29 02:58:18 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)

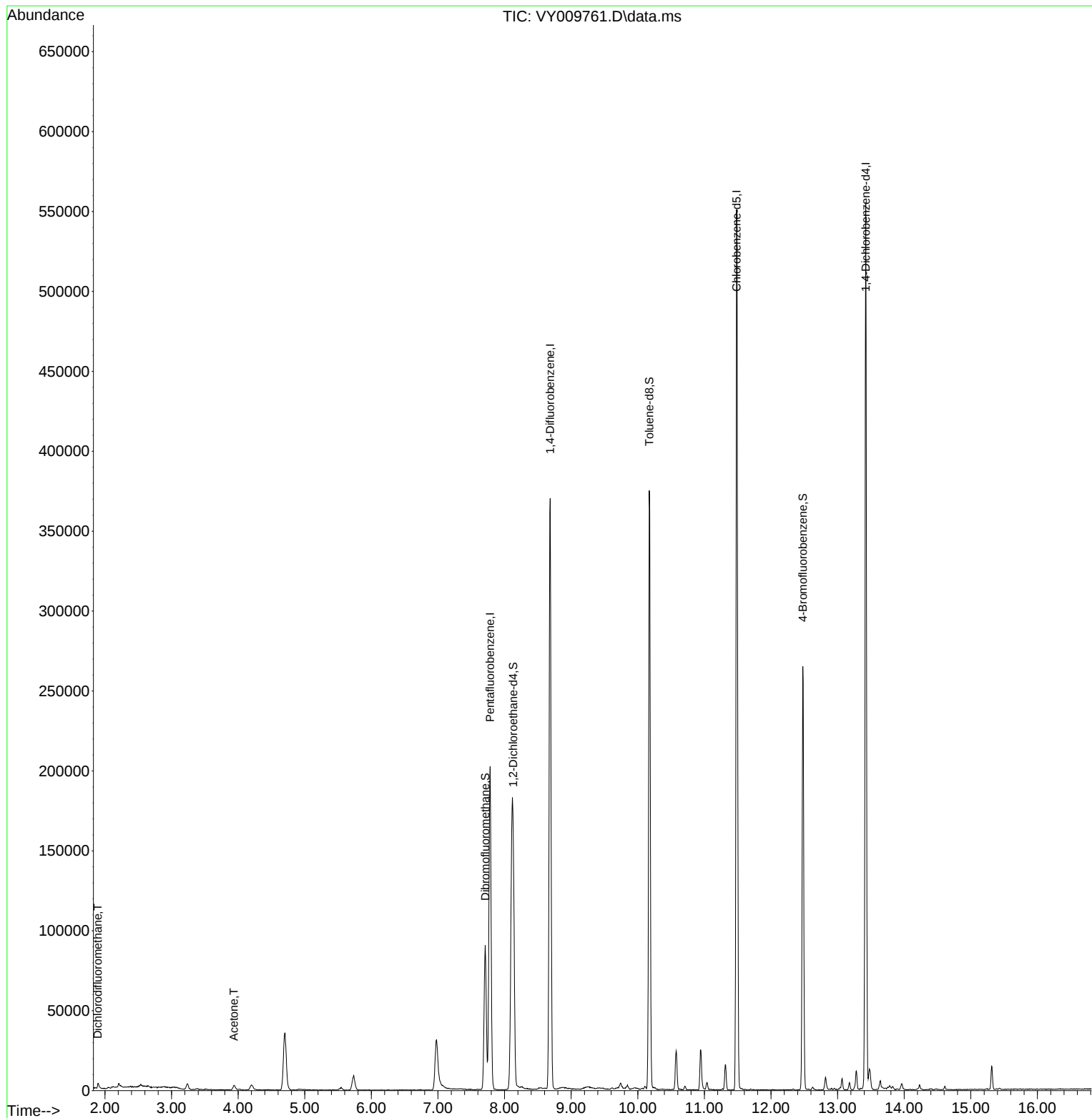
Internal Standards						
1) Pentafluorobenzene	7.783	168	166484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	332868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	313342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	72347	67.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.100%
35) Dibromofluoromethane	7.710	113	62476	34.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.020%
50) Toluene-d8	10.173	98	250503	47.281	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.477	95	71877	29.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	59.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	2609	1.760	ug/l	93
16) Acetone	3.936	43	5160	12.963	ug/l #	87

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

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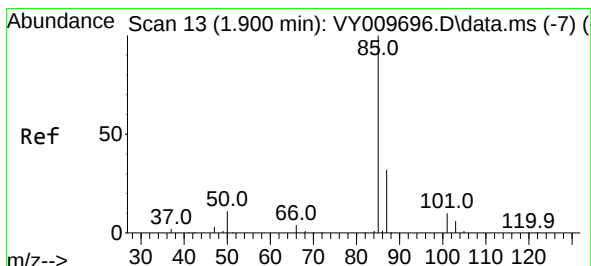
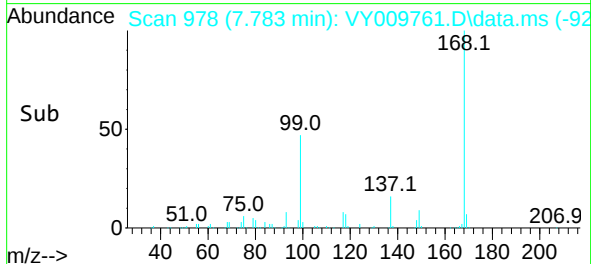
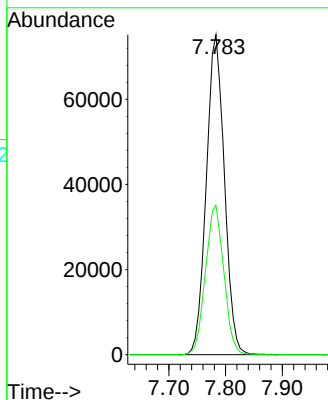
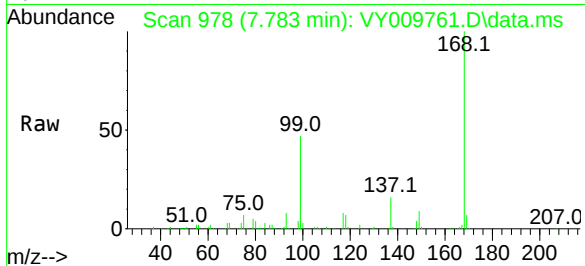




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

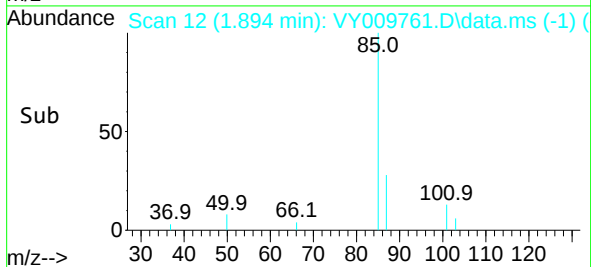
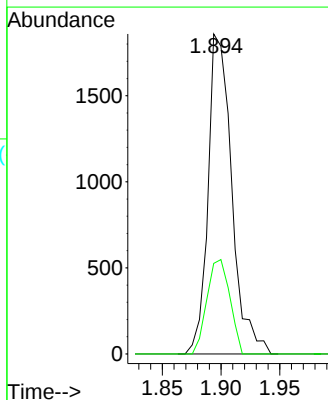
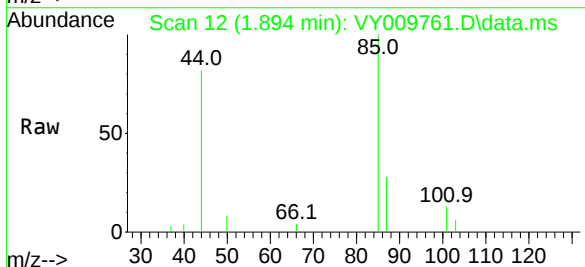
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

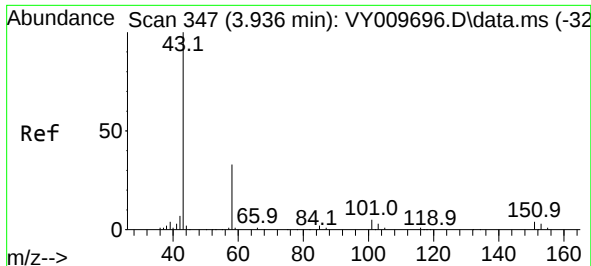
Tgt Ion:168 Resp: 166484
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 1.760 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 85 Resp: 2609
Ion Ratio Lower Upper
85 100
87 28.3 16.1 48.2

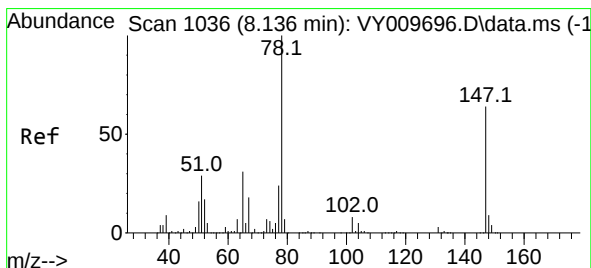
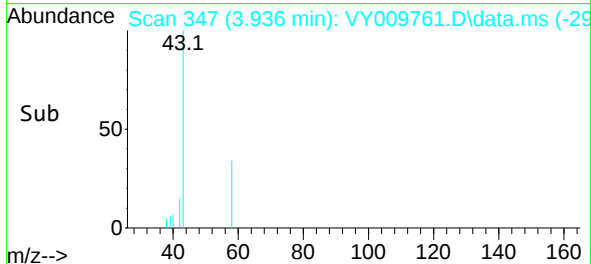
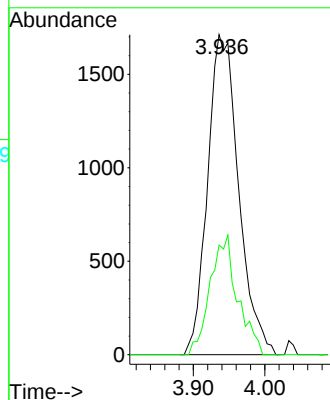
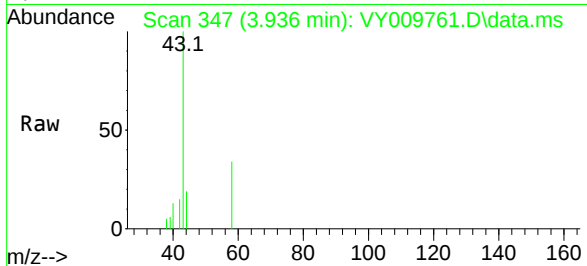




#16
Acetone
Concen: 12.963 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

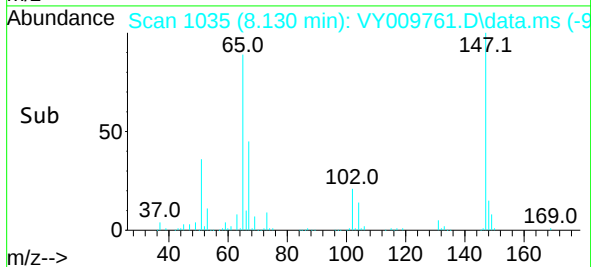
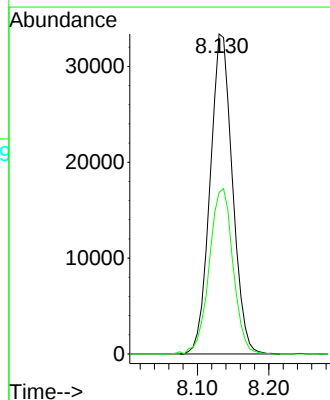
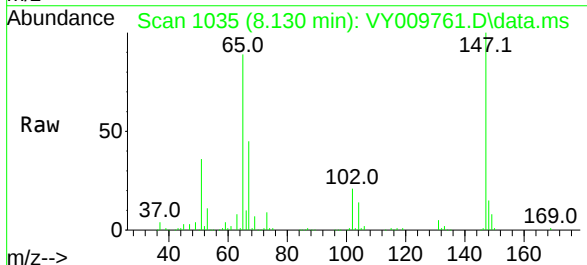
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

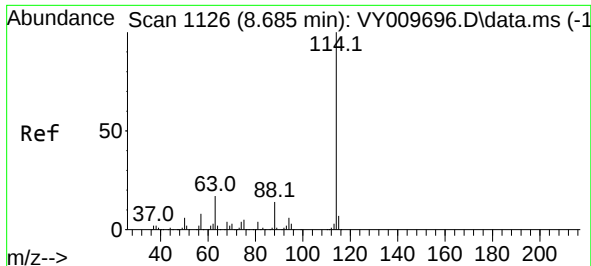
Tgt Ion: 43 Resp: 5160
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 67.048 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 65 Resp: 72347
Ion Ratio Lower Upper
65 100
67 55.0 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: VY009761.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

RVE-96

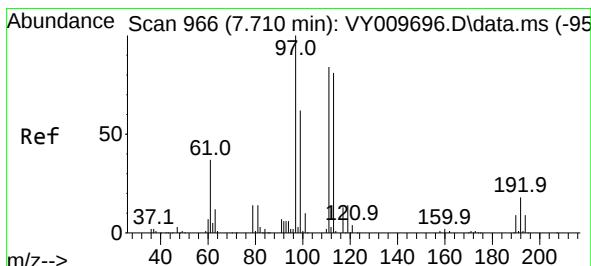
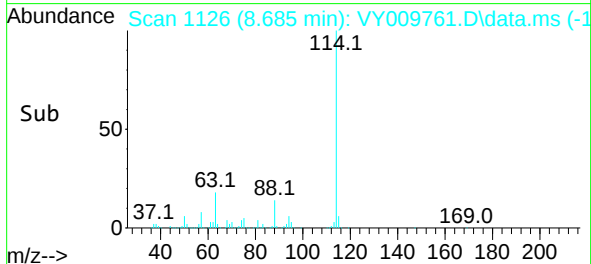
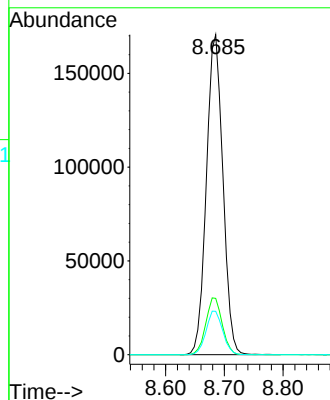
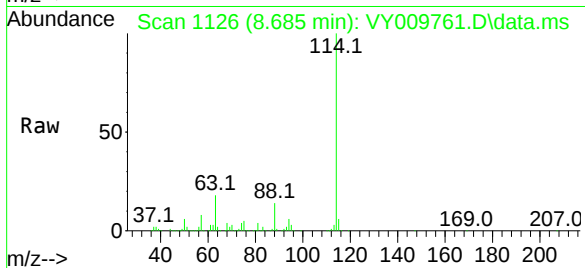
Tgt Ion:114 Resp: 332868

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.510 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009761.D

Acq: 28 Jul 2022 19:10

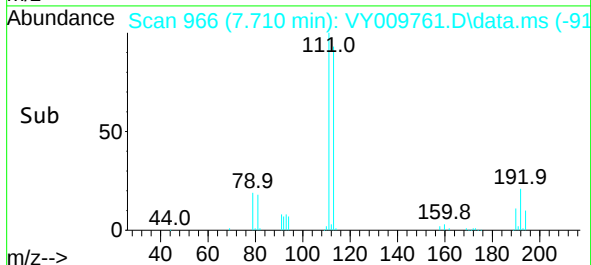
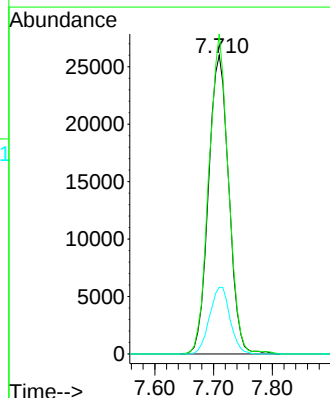
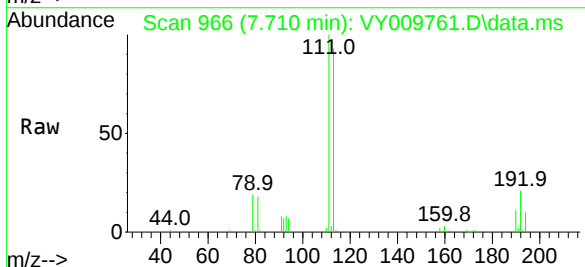
Tgt Ion:113 Resp: 62476

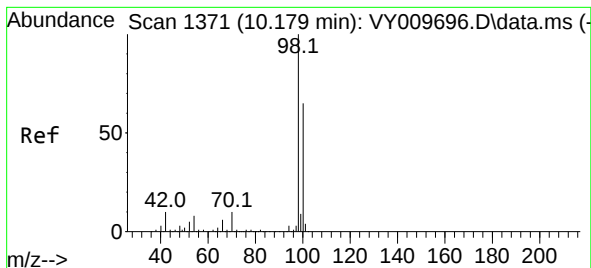
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 22.4 17.6 26.4

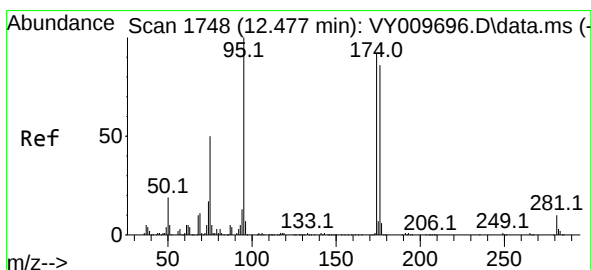
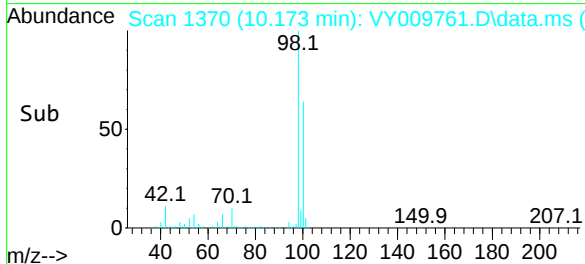
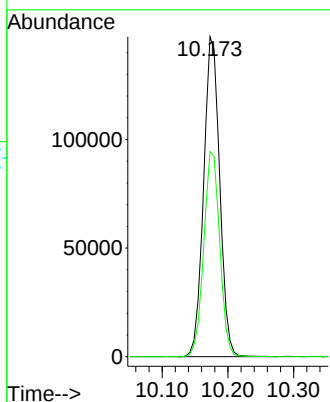
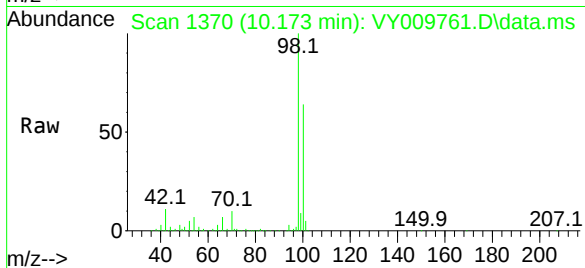




#50
Toluene-d8
Concen: 47.281 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

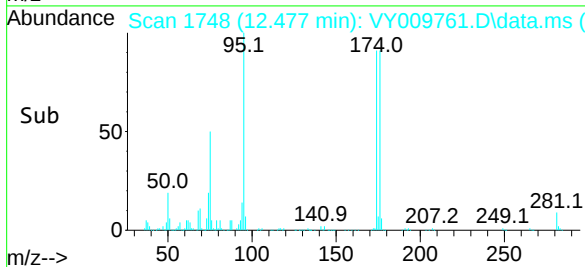
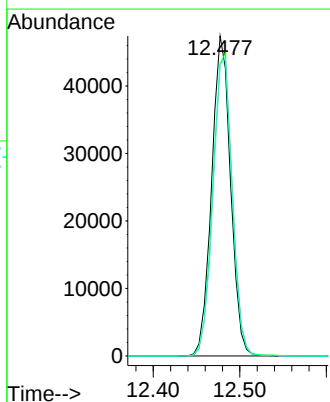
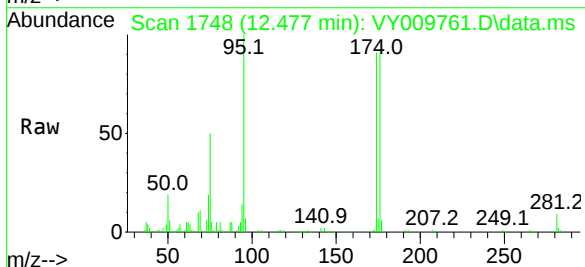
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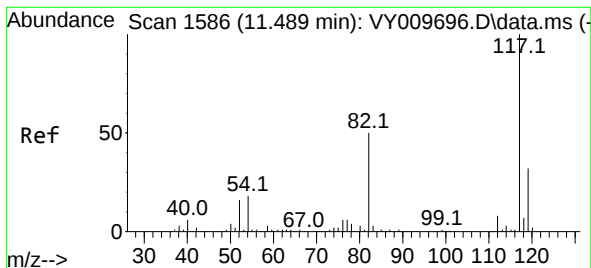
Tgt Ion: 98 Resp: 250503
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.942 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 95 Resp: 71877
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 95.3 0.0 175.8

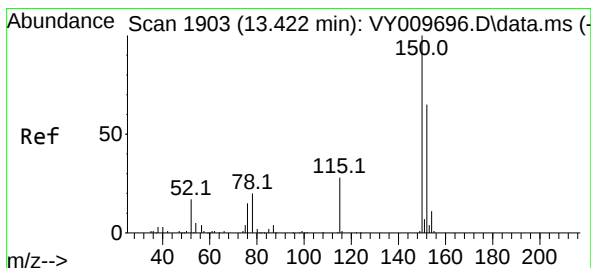
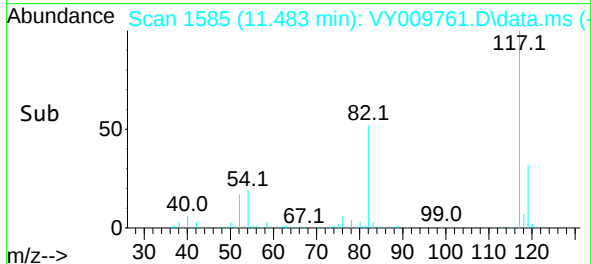
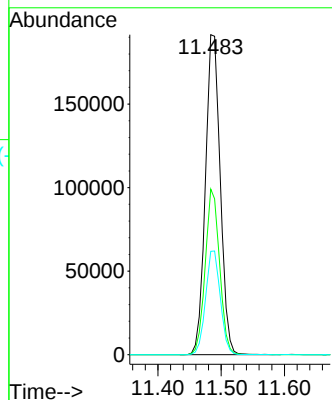
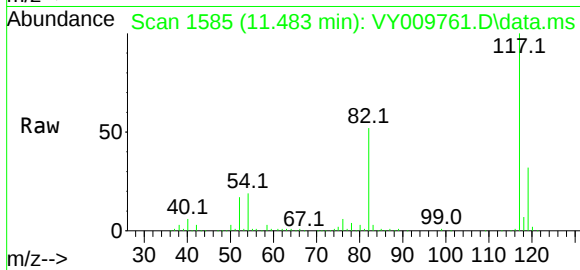




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

Tgt Ion:117 Resp: 313342
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 32.3 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: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion:152 Resp: 145012
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 156.8 0.0 347.6

