

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008314.D
 Acq On : 13 Apr 2022 15:50
 Operator : KP/MD
 Sample : N2349-17
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-8D

Quant Time: Apr 14 05:57:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

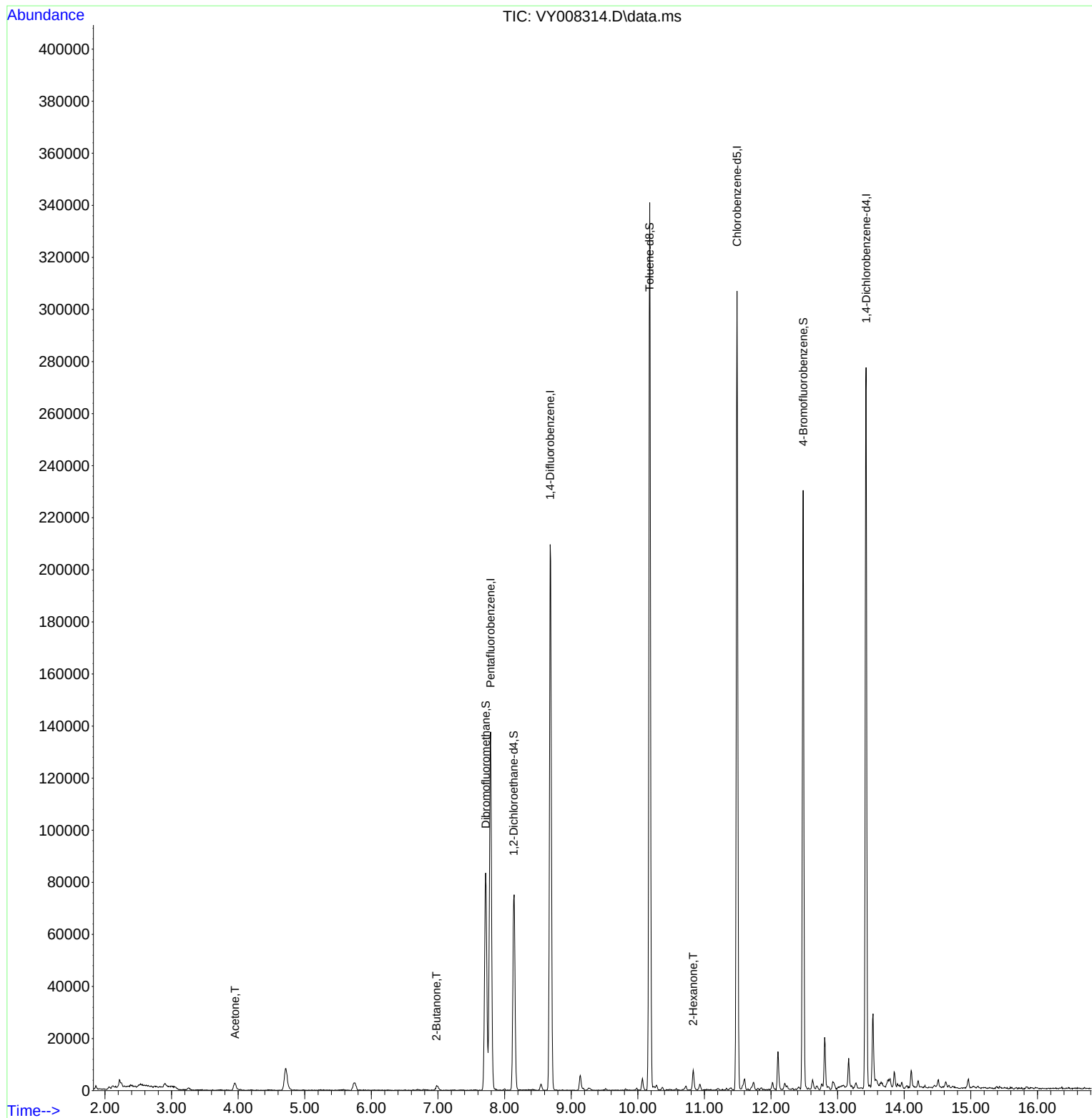
Internal Standards						
1) Pentafluorobenzene	7.789	168	107814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	188247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58584	57.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.700%
35) Dibromofluoromethane	7.716	113	59398	54.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.260%
50) Toluene-d8	10.179	98	224738	60.406	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.820%
62) 4-Bromofluorobenzene	12.483	95	68398	48.878	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.760%
Target Compounds					Qvalue	
16) Acetone	3.954	43	5107	20.966	ug/l	91
25) 2-Butanone	6.978	43	3173	8.331	ug/l	94
59) 2-Hexanone	10.831	43	4988	8.449	ug/l	93

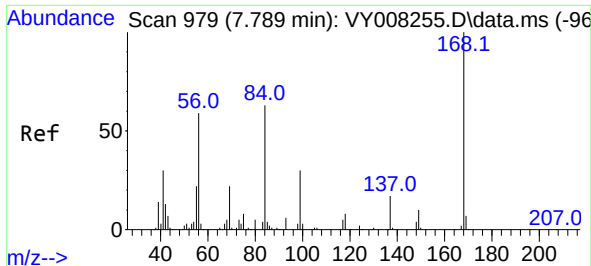
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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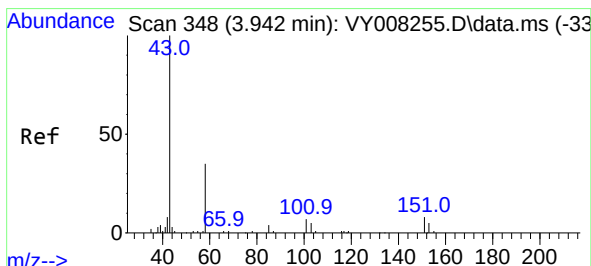
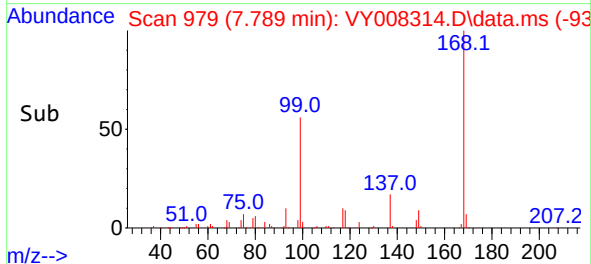
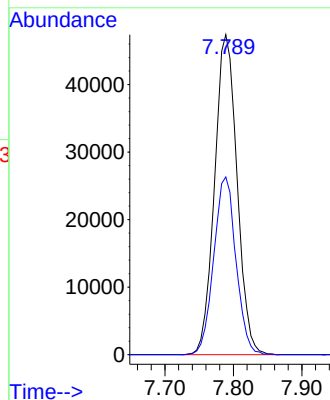
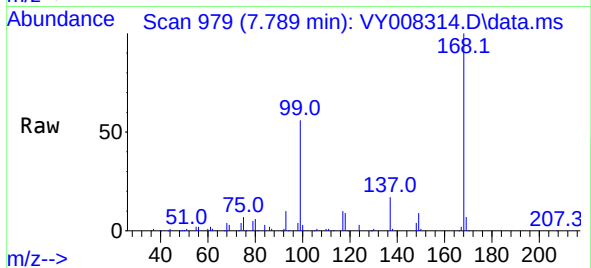




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

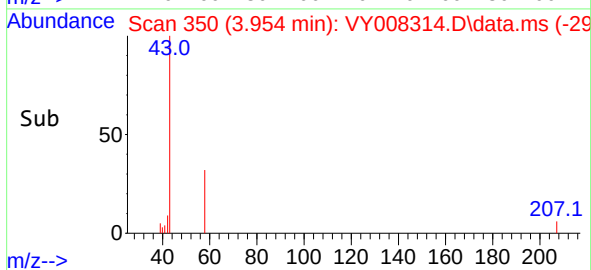
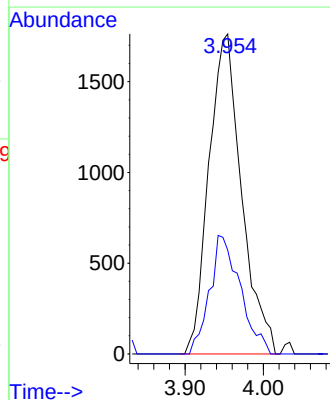
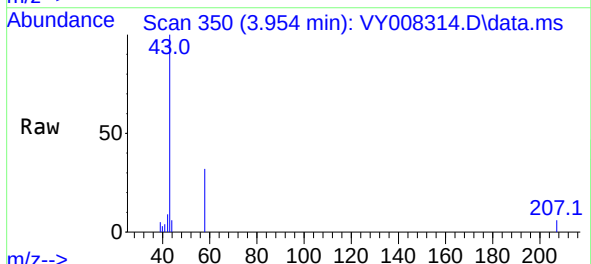
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8D

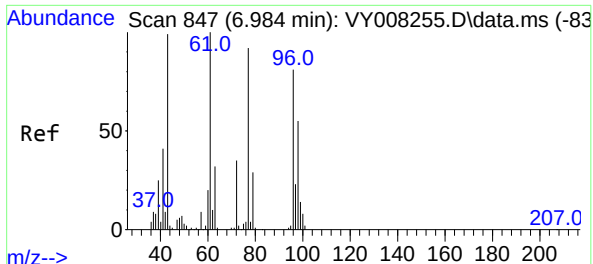
Tgt Ion:168 Resp: 107814
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#16
Acetone
Concen: 20.966 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

Tgt Ion: 43 Resp: 5107
Ion Ratio Lower Upper
43 100
58 32.4 22.0 33.0

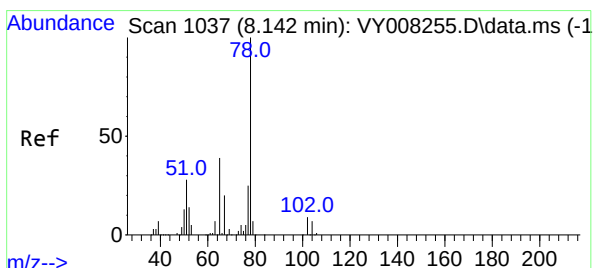
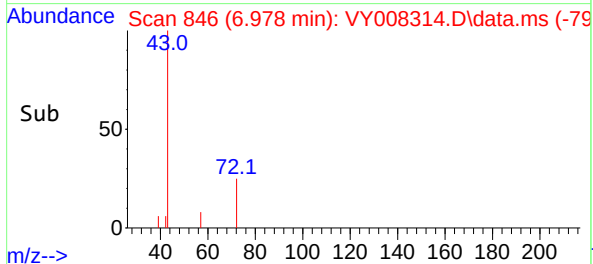
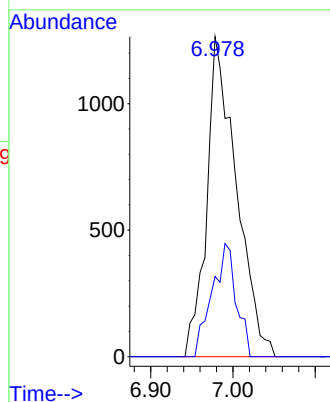
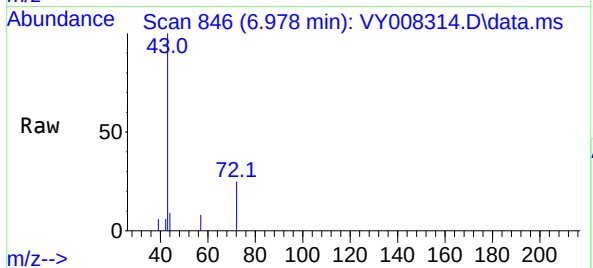




#25
2-Butanone
Concen: 8.331 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

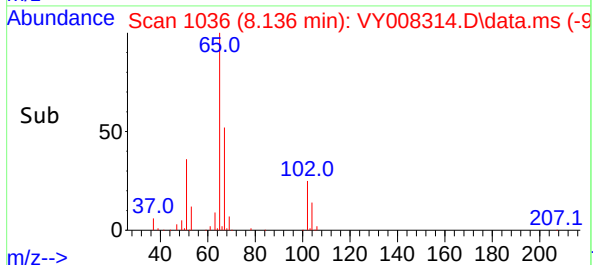
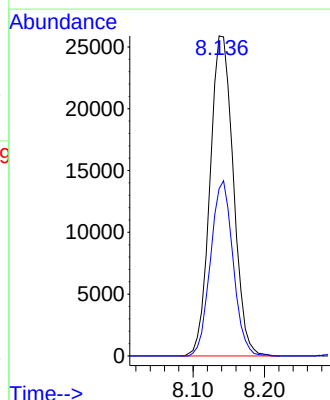
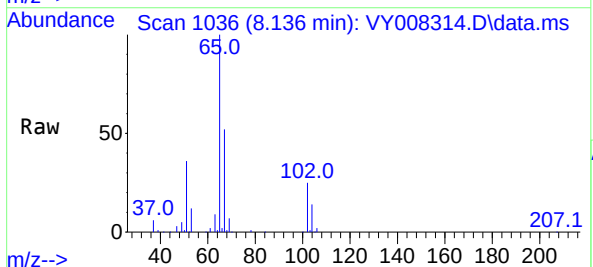
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8D

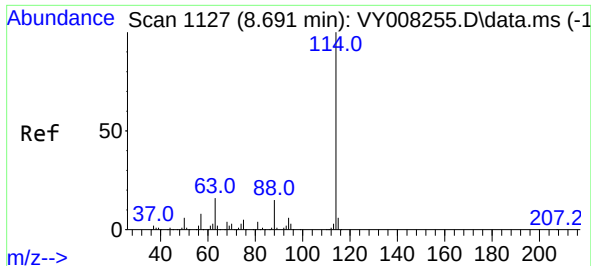
Tgt Ion: 43 Resp: 3173
Ion Ratio Lower Upper
43 100
72 25.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 57.848 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

Tgt Ion: 65 Resp: 58584
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008314.D

Acq: 13 Apr 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

DEL-8D

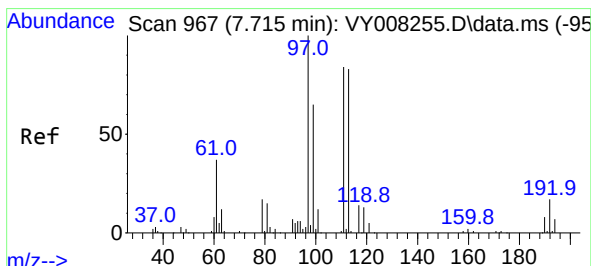
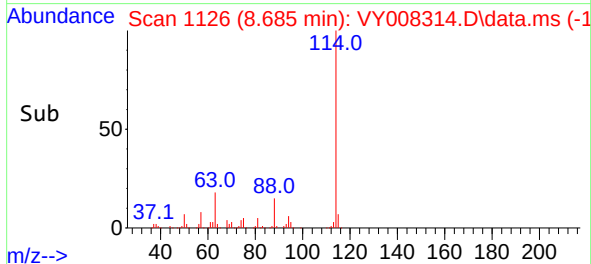
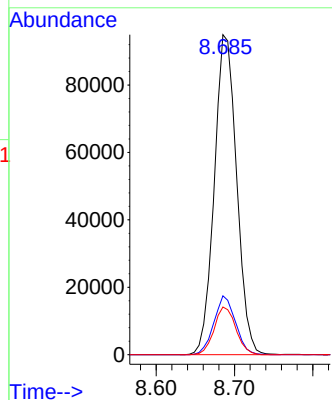
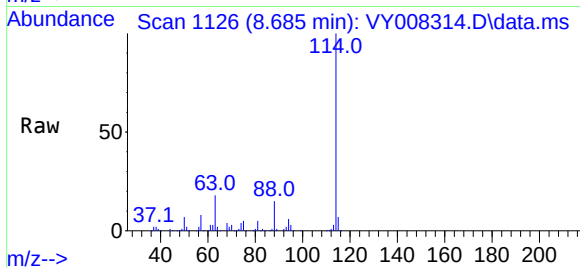
Tgt Ion:114 Resp: 188247

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.630 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008314.D

Acq: 13 Apr 2022 15:50

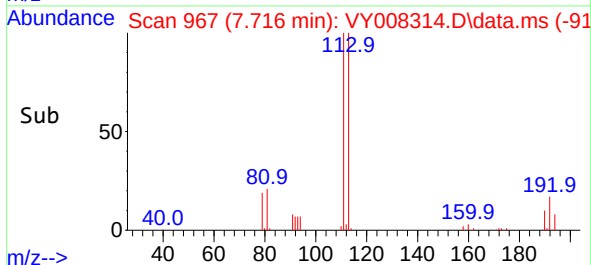
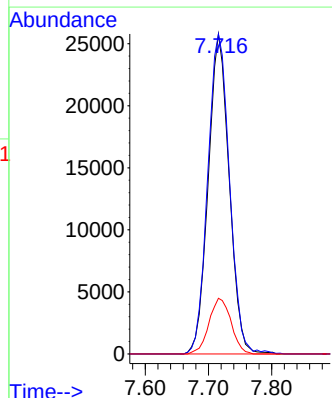
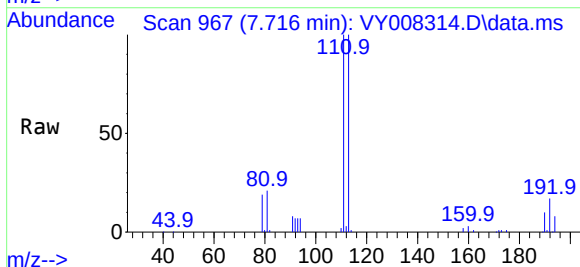
Tgt Ion:113 Resp: 59398

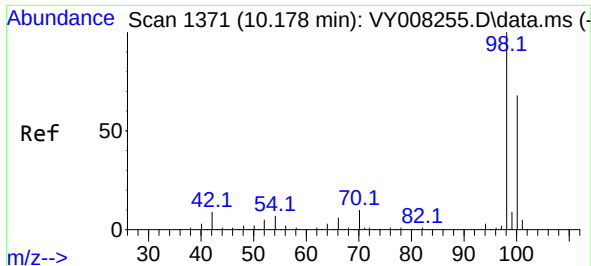
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 18.3 17.6 26.4

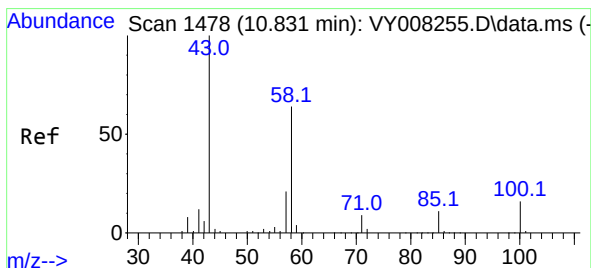
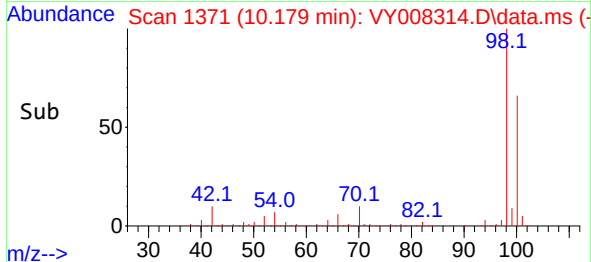
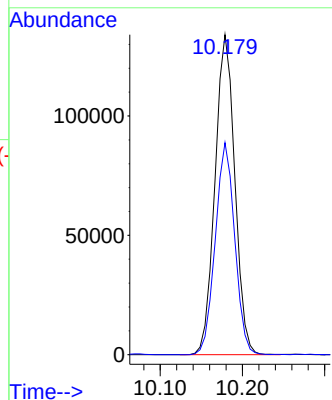
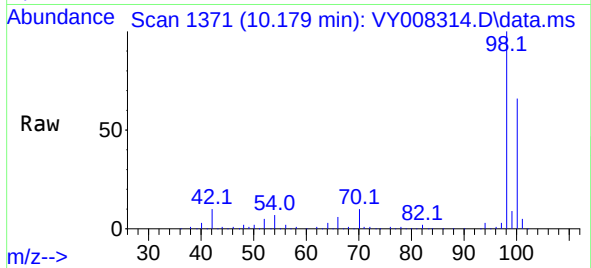




#50
Toluene-d8
Concen: 60.406 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

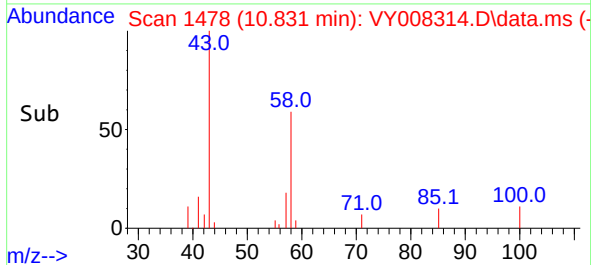
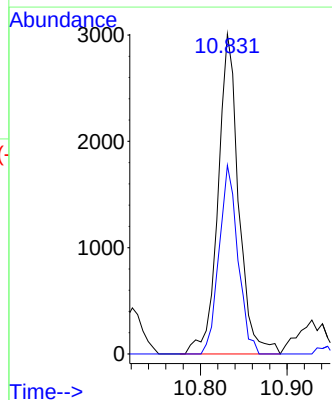
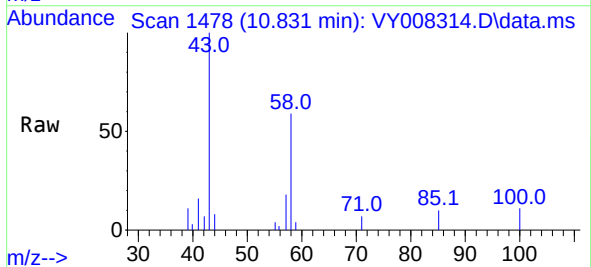
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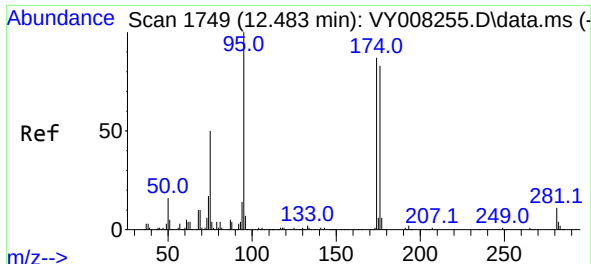
Tgt Ion: 98 Resp: 224738
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#59
2-Hexanone
Concen: 8.449 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

Tgt Ion: 43 Resp: 4988
Ion Ratio Lower Upper
43 100
58 53.8 24.4 73.4

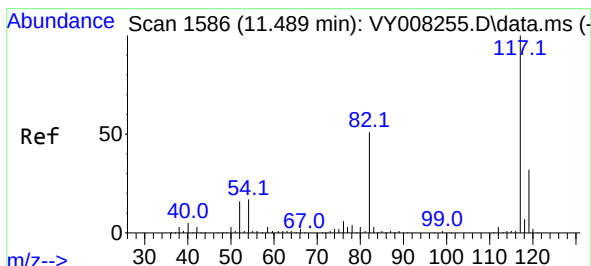
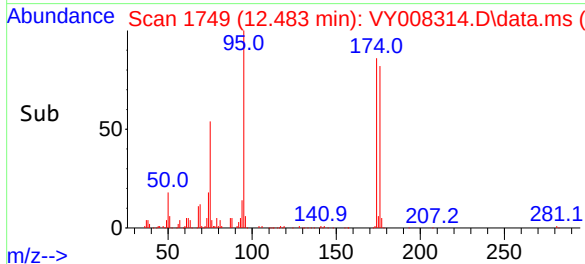
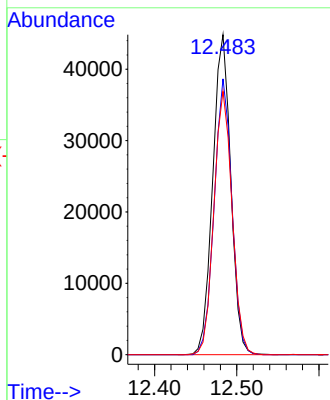
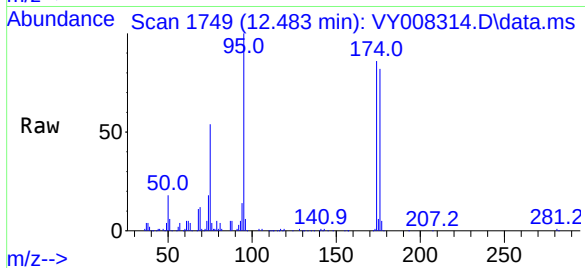




#62
4-Bromofluorobenzene
Concen: 48.878 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

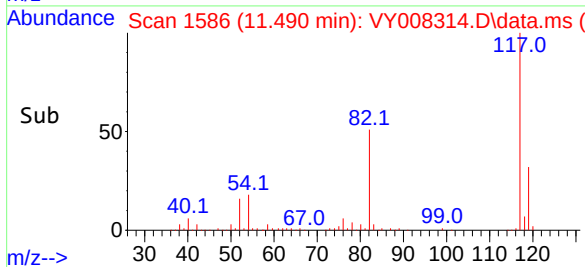
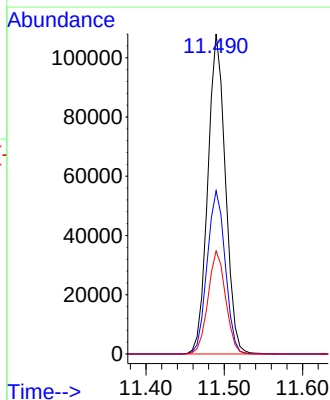
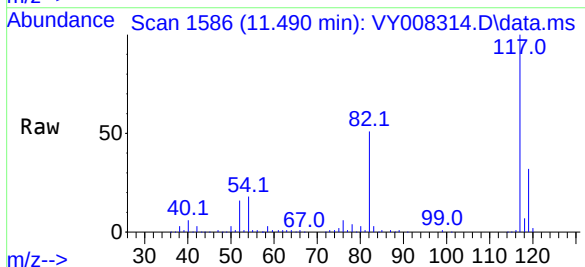
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8D

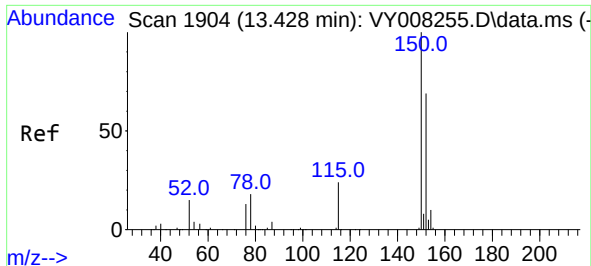
Tgt Ion: 95 Resp: 68398
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 83.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008314.D
Acq: 13 Apr 2022 15:50

Tgt Ion: 117 Resp: 168222
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008314.D
 Acq: 13 Apr 2022 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-8D

Tgt Ion:152 Resp: 70926
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 159.0 0.0 347.6

