

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007935.D
 Acq On : 19 Mar 2022 05:33
 Operator : SY/MD
 Sample : N1958-15
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-15-14-15

Quant Time: Mar 21 03:20:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

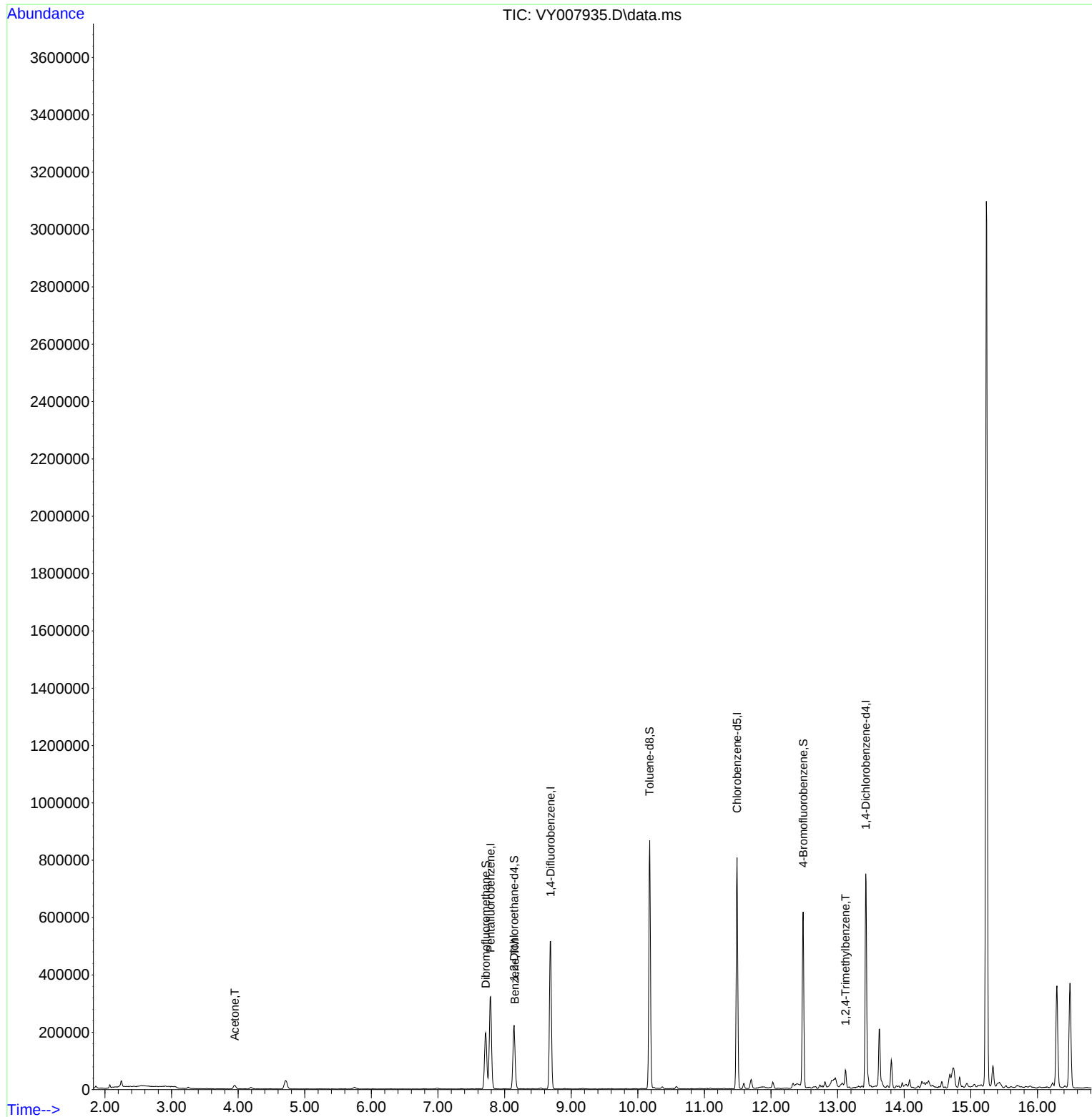
Internal Standards						
1) Pentafluorobenzene	7.789	168	242741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	458311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	419688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	182767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	154809	55.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.860%
35) Dibromofluoromethane	7.716	113	141863	44.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.140%
50) Toluene-d8	10.179	98	559404	58.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.120%
62) 4-Bromofluorobenzene	12.483	95	197438	42.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.480%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	22818	31.077	ug/l	96
40) Benzene	8.155	78	23240	1.666	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	28731	2.215	ug/l	100

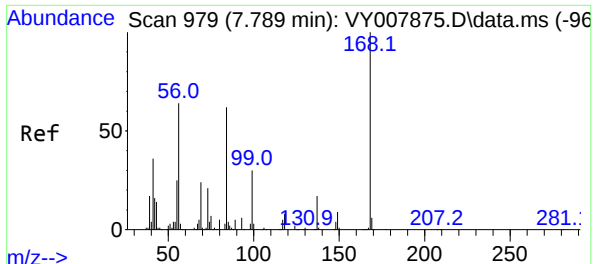
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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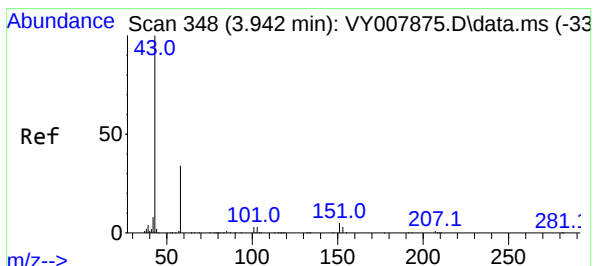
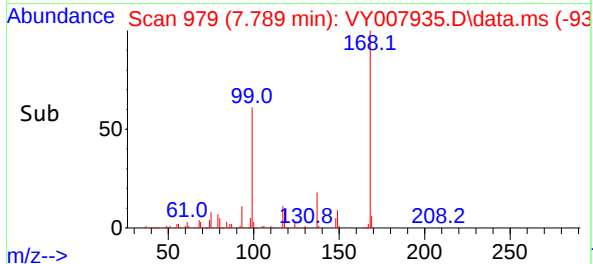
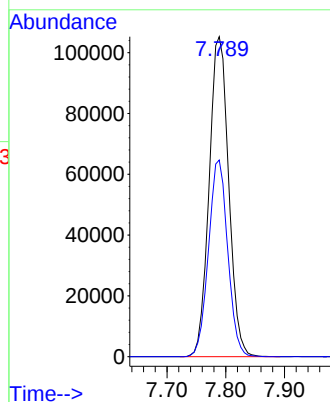
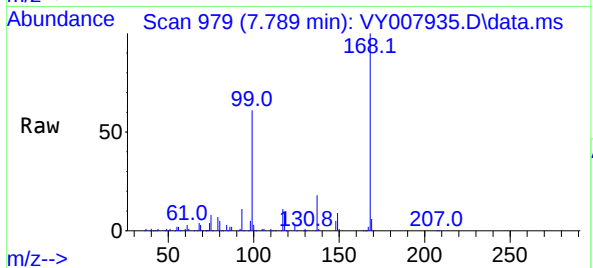




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

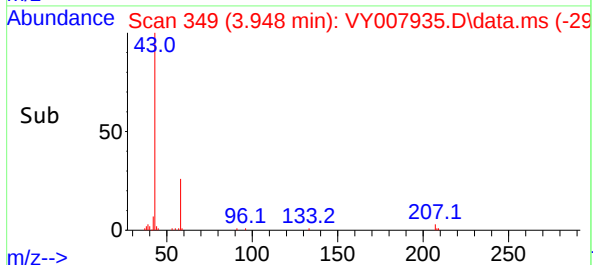
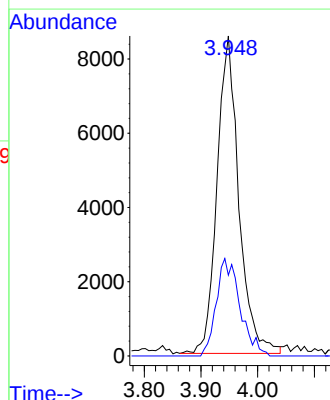
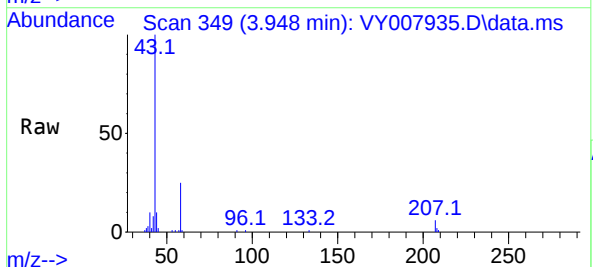
Instrument :
MSVOA_Y
ClientSampleId :
C-15-14-15

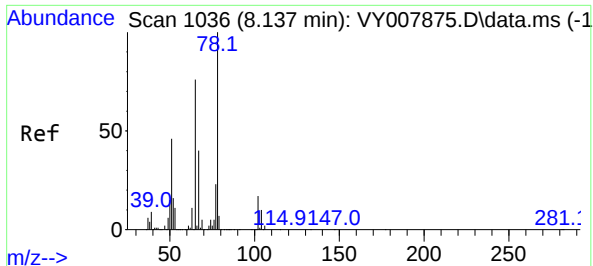
Tgt Ion:168 Resp: 242741
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3



#16
Acetone
Concen: 31.077 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

Tgt Ion: 43 Resp: 22818
Ion Ratio Lower Upper
43 100
58 25.5 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.934 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007935.D

Acq: 19 Mar 2022 05:33

Instrument :

MSVOA_Y

ClientSampleId :

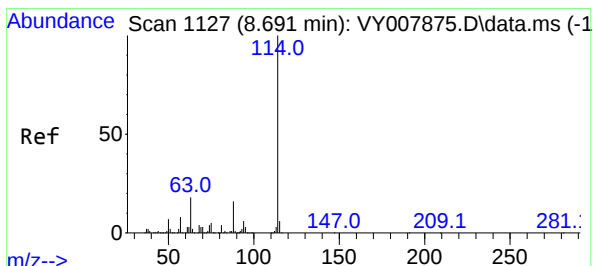
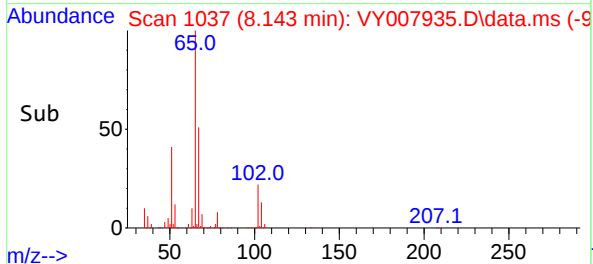
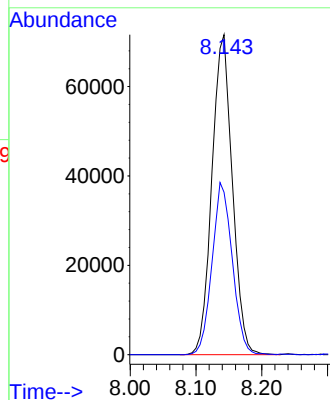
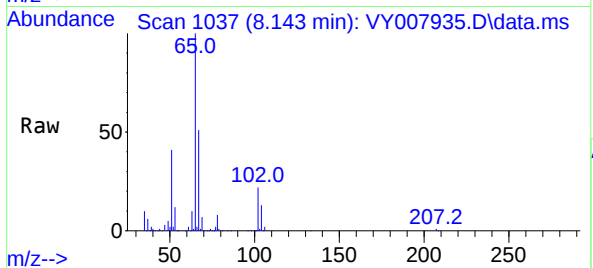
C-15-14-15

Tgt Ion: 65 Resp: 154809

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007935.D

Acq: 19 Mar 2022 05:33

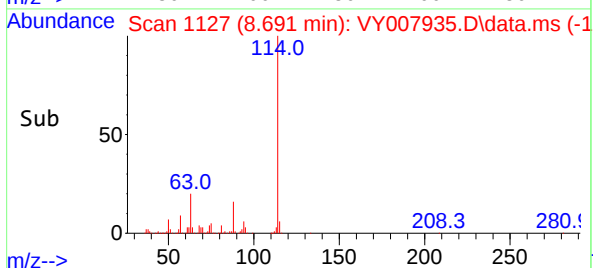
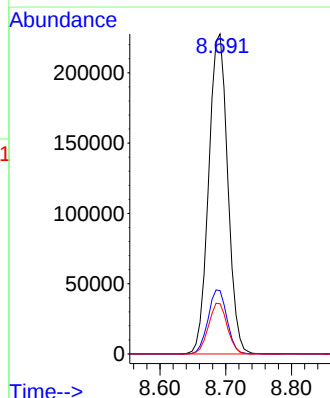
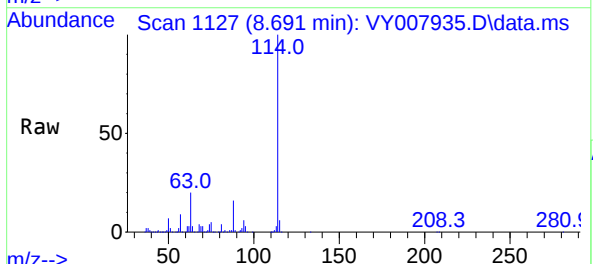
Tgt Ion:114 Resp: 458311

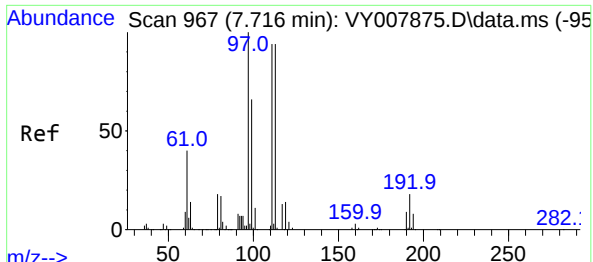
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.7 0.0 31.8

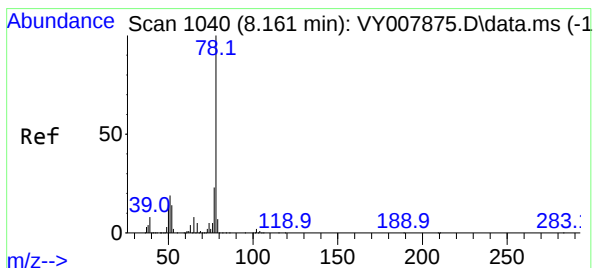
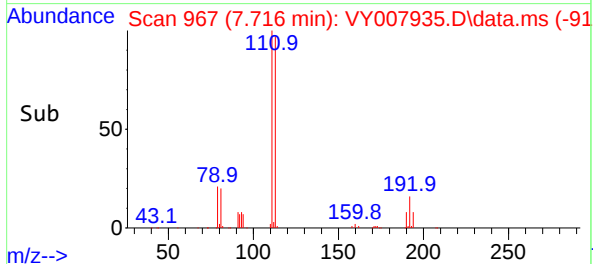
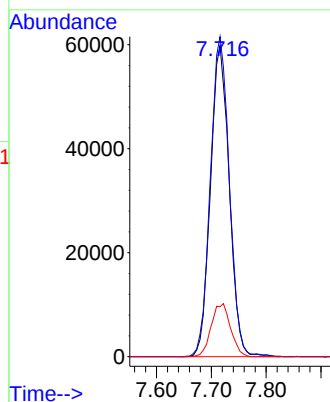
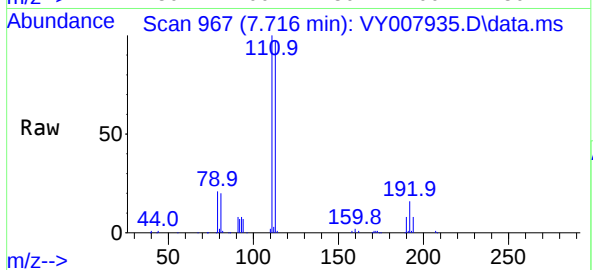




#35
Dibromofluoromethane
Concen: 44.075 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

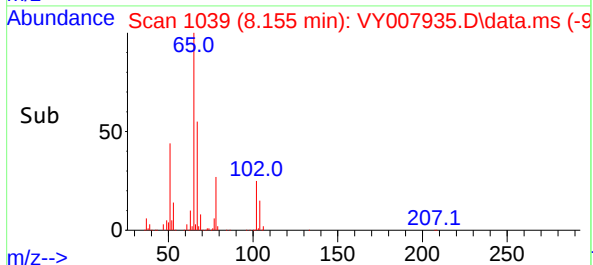
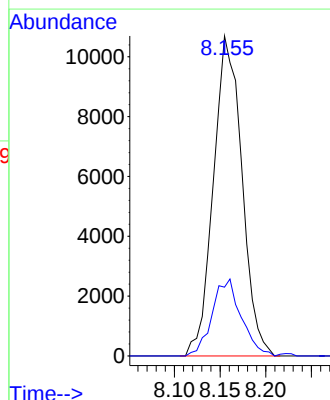
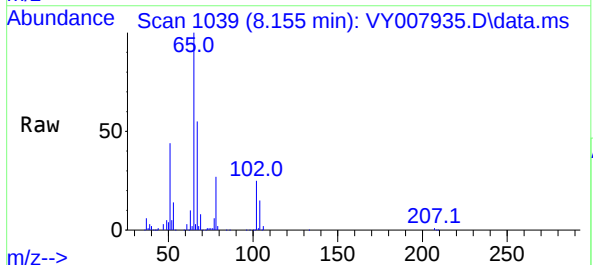
Instrument :
MSVOA_Y
ClientSampleId :
C-15-14-15

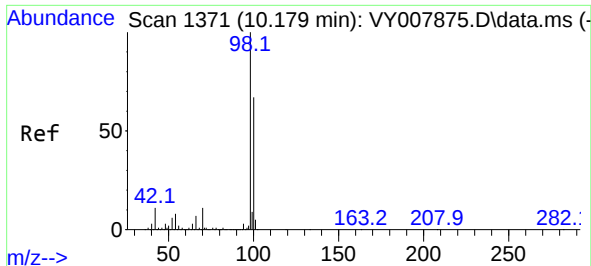
Tgt Ion:113 Resp: 141863
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.6 17.6 26.4



#40
Benzene
Concen: 1.666 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

Tgt Ion: 78 Resp: 23240
Ion Ratio Lower Upper
78 100
77 21.5 20.4 30.6

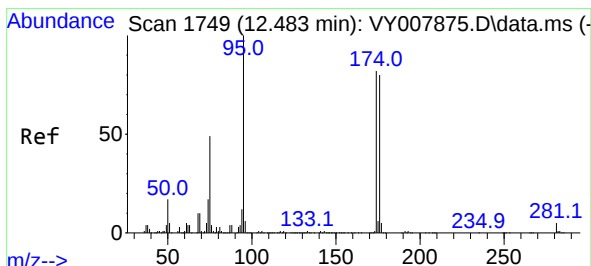
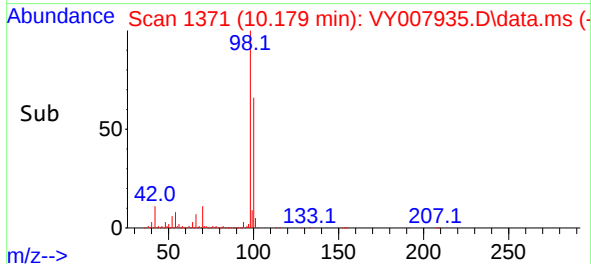
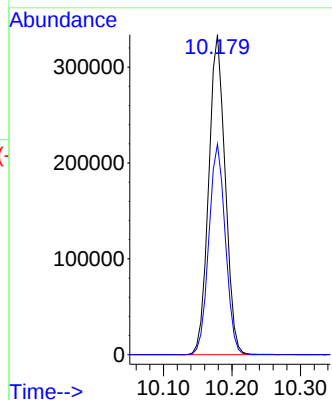
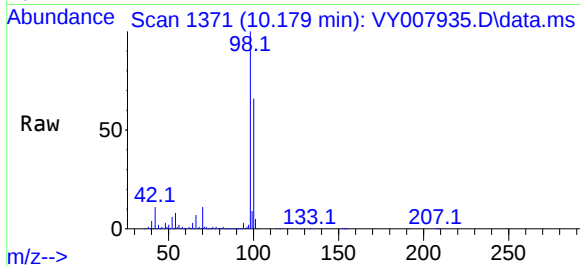




#50
Toluene-d8
Concen: 58.565 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

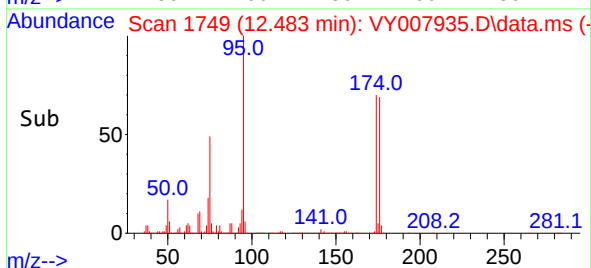
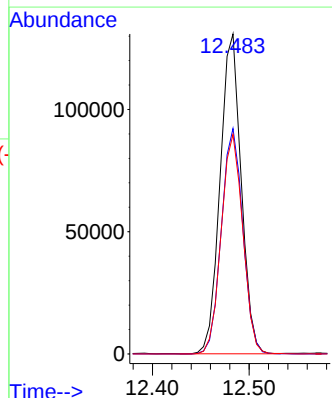
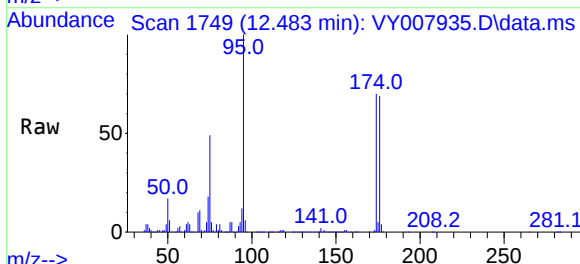
Instrument :
MSVOA_Y
ClientSampleId :
C-15-14-15

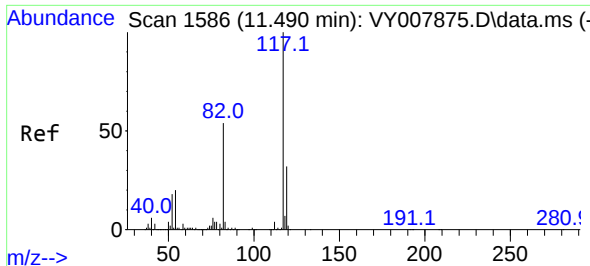
Tgt Ion: 98 Resp: 559404
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.741 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

Tgt Ion: 95 Resp: 197438
Ion Ratio Lower Upper
95 100
174 71.7 0.0 177.0
176 70.4 0.0 175.8

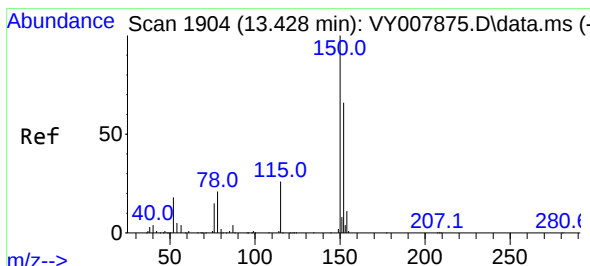
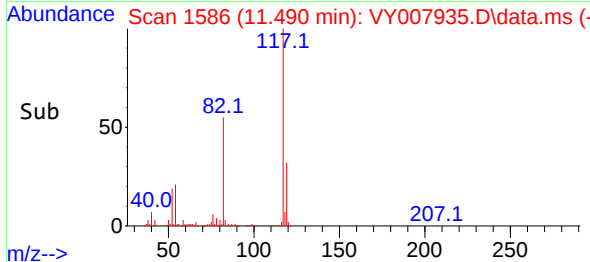
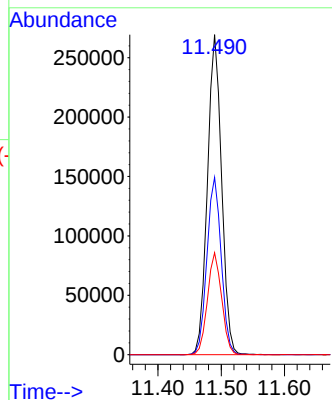
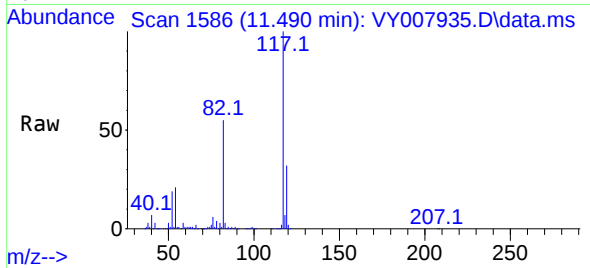




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

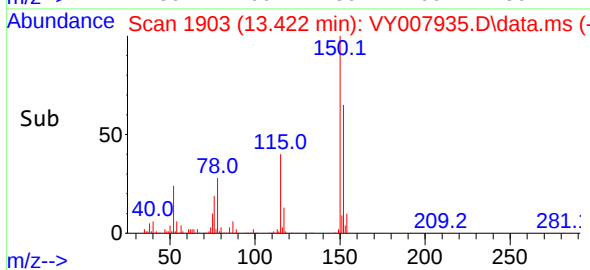
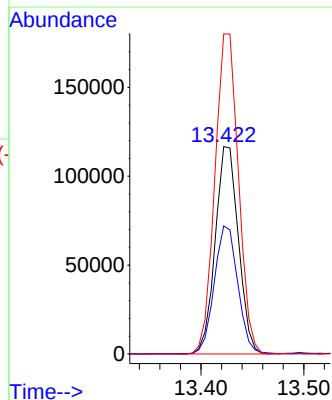
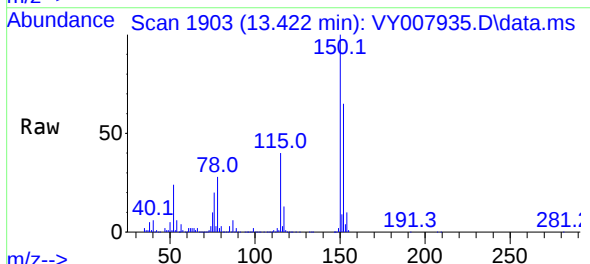
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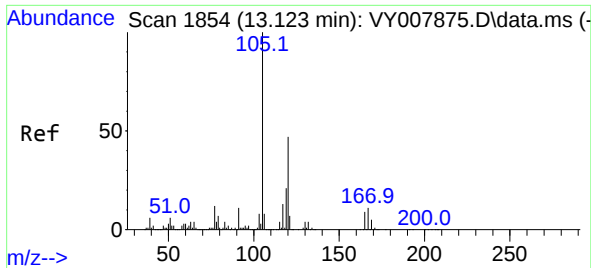
Tgt Ion:117 Resp: 419688
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007935.D
Acq: 19 Mar 2022 05:33

Tgt Ion:152 Resp: 182767
Ion Ratio Lower Upper
152 100
115 62.2 28.2 84.7
150 156.8 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.215 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY007935.D
 Acq: 19 Mar 2022 05:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-15-14-15

Tgt Ion:105 Resp: 28731
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.3 66.9

