

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008448.D
 Acq On : 21 Apr 2022 18:12
 Operator : KP/MD
 Sample : N2511-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1529

Quant Time: Apr 22 05:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

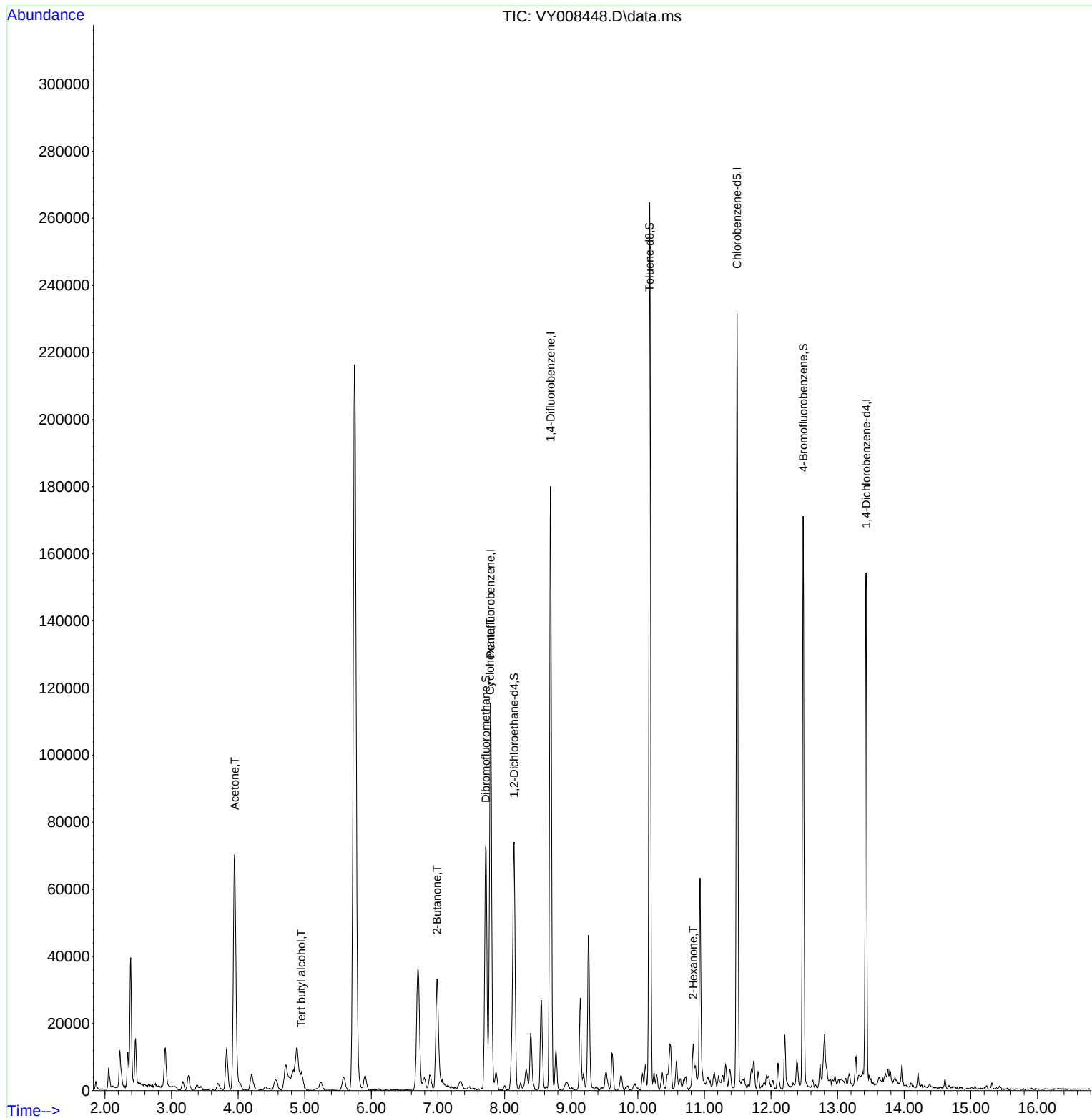
Internal Standards						
1) Pentafluorobenzene	7.789	168	90061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52035	49.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.200%
35) Dibromofluoromethane	7.716	113	51687	50.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	177225	43.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.520%
62) 4-Bromofluorobenzene	12.483	95	46433	33.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	9999	76.190	ug/l #	90
16) Acetone	3.948	43	121682	492.999	ug/l #	87
25) 2-Butanone	6.984	43	49442	129.481	ug/l #	79
31) Cyclohexane	7.783	56	2873	1.649	ug/l #	36
59) 2-Hexanone	10.831	43	6802	11.355	ug/l	93

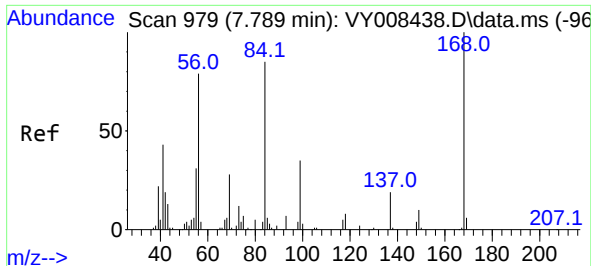
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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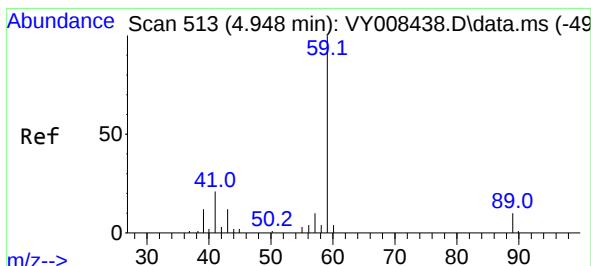
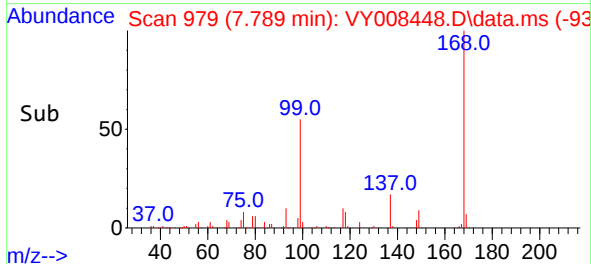
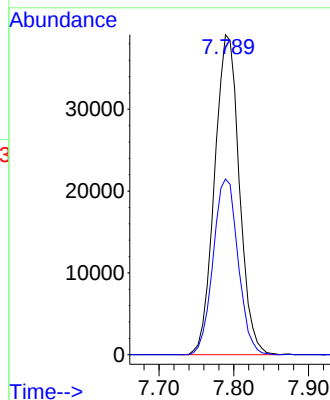
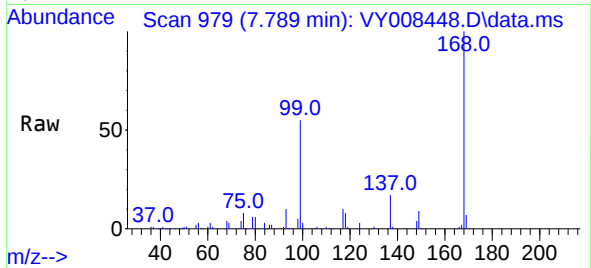




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

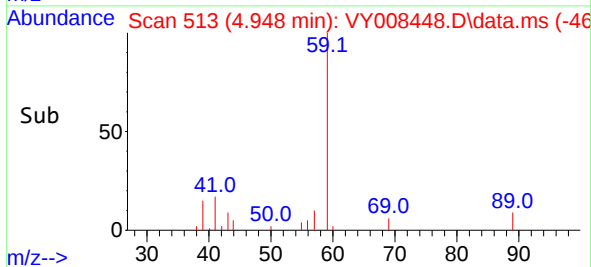
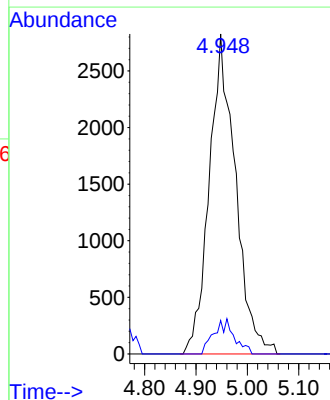
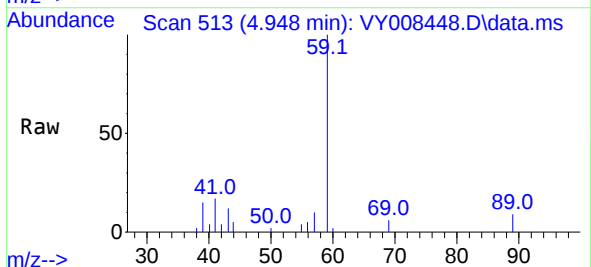
Instrument :
MSVOA_Y
ClientSampleId :
1529

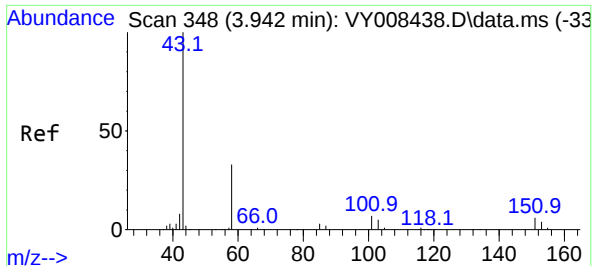
Tgt Ion:168 Resp: 90061
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 76.190 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

Tgt Ion: 59 Resp: 9999
Ion Ratio Lower Upper
59 100
57 4.5 6.4 9.6#

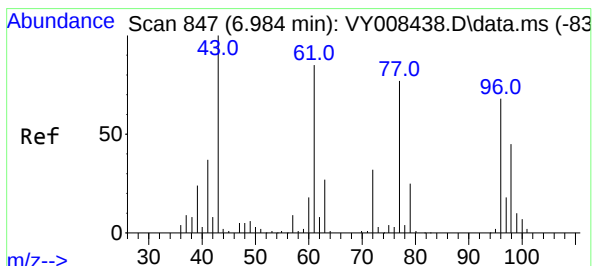
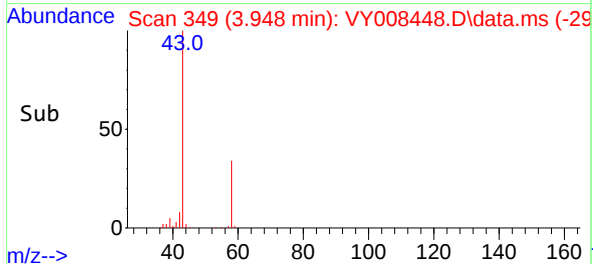
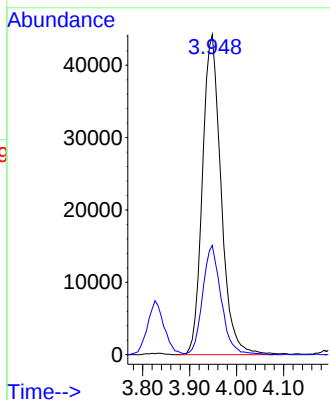
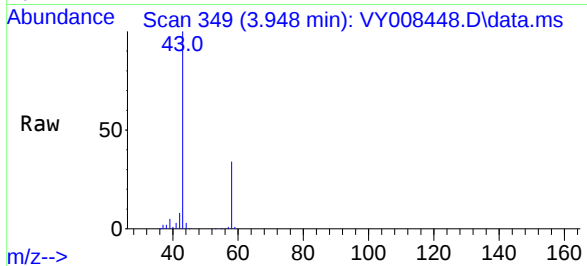




#16
Acetone
Concen: 492.999 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

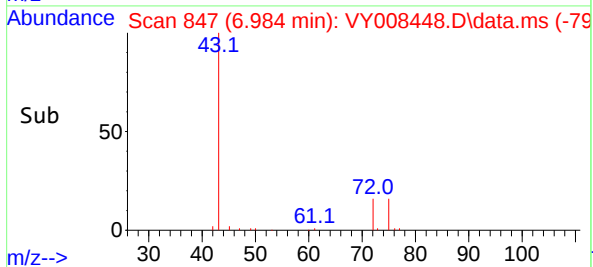
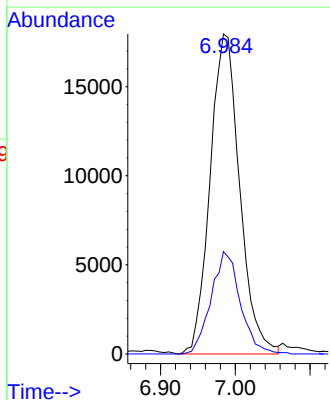
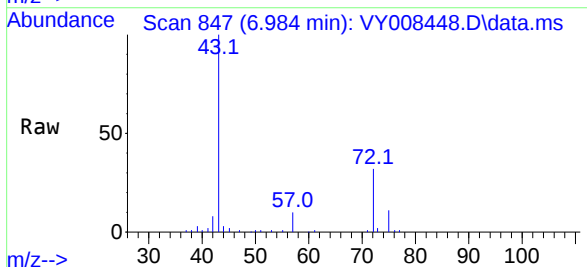
Instrument :
MSVOA_Y
ClientSampleId :
1529

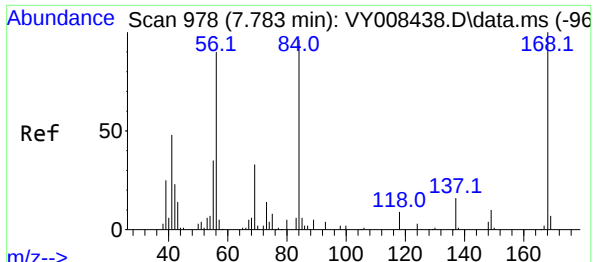
Tgt Ion: 43 Resp: 121682
Ion Ratio Lower Upper
43 100
58 34.1 22.0 33.0#



#25
2-Butanone
Concen: 129.481 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

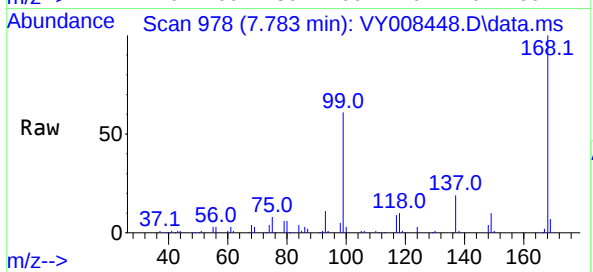
Tgt Ion: 43 Resp: 49442
Ion Ratio Lower Upper
43 100
72 32.0 17.7 26.5#



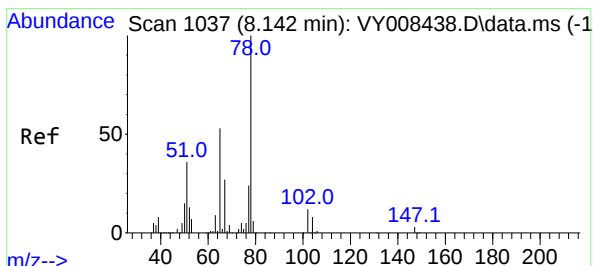
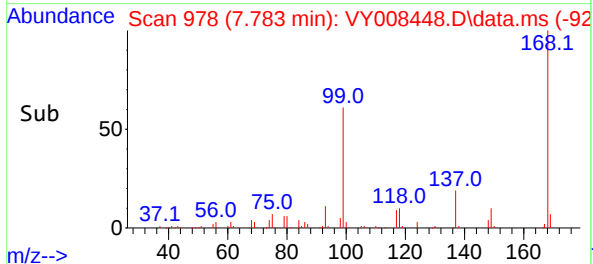
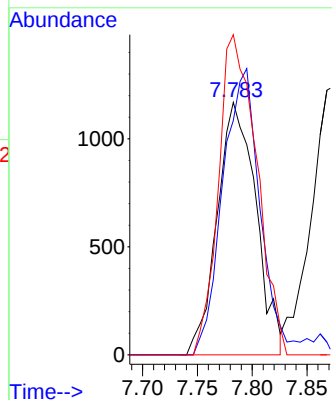


#31
Cyclohexane
Concen: 1.649 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :
1529

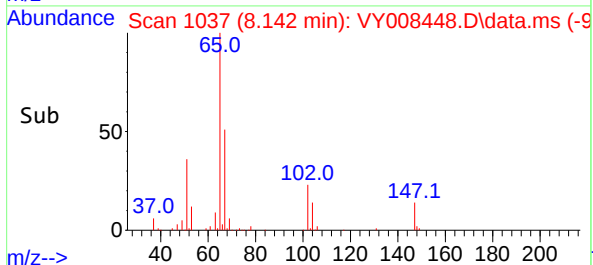
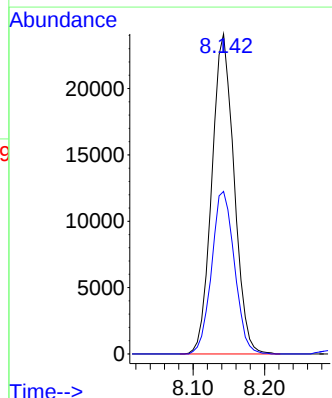
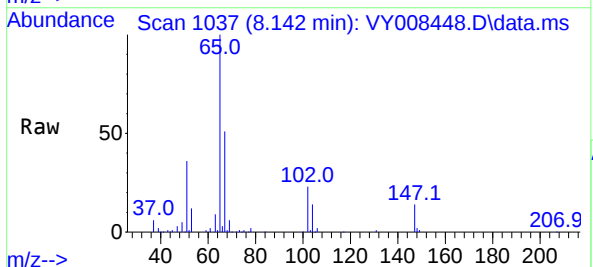


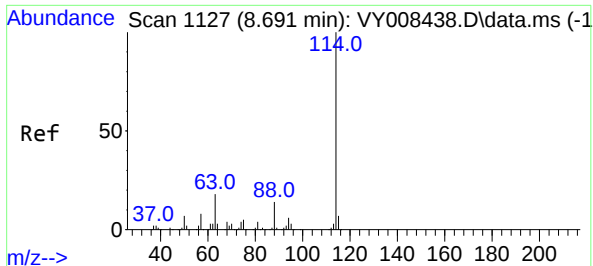
Tgt Ion: 56 Resp: 2873
Ion Ratio Lower Upper
56 100
69 92.8 26.7 40.1#
84 126.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.105 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

Tgt Ion: 65 Resp: 52035
Ion Ratio Lower Upper
65 100
67 52.1 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: VY008448.D

Acq: 21 Apr 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

1529

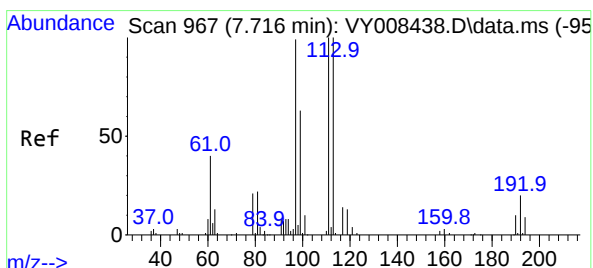
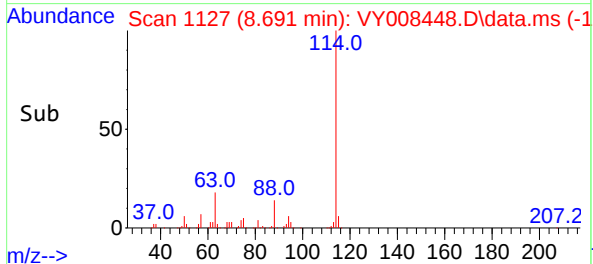
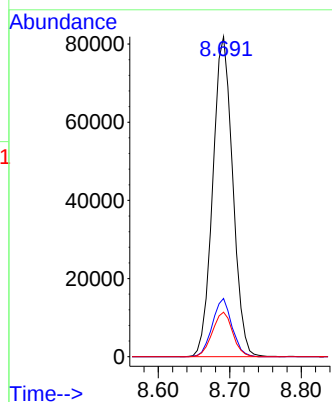
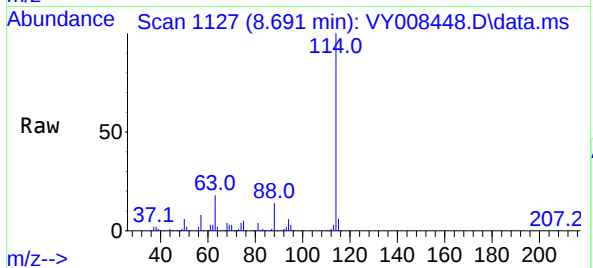
Tgt Ion:114 Resp: 158480

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.535 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008448.D

Acq: 21 Apr 2022 18:12

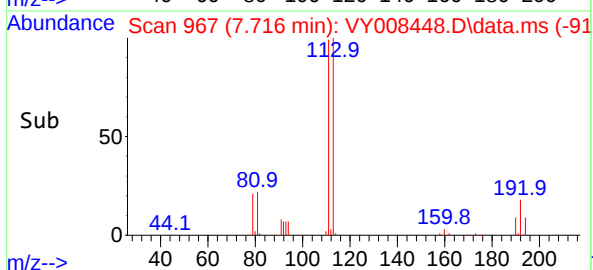
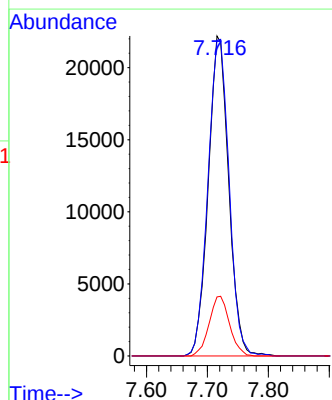
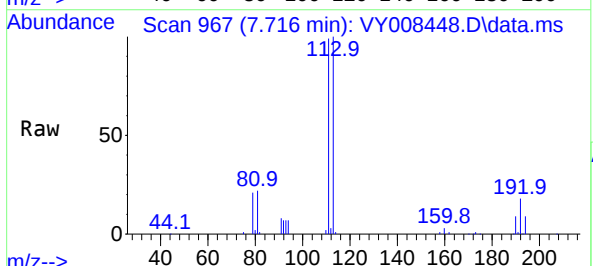
Tgt Ion:113 Resp: 51687

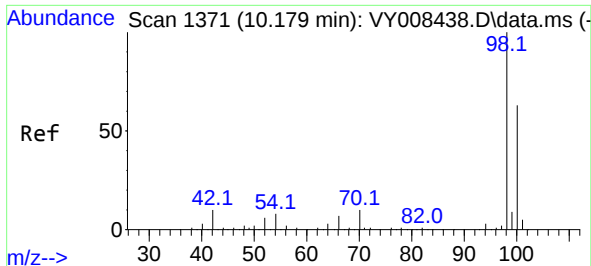
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.6 17.6 26.4

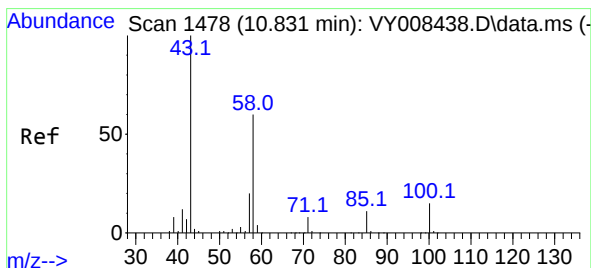
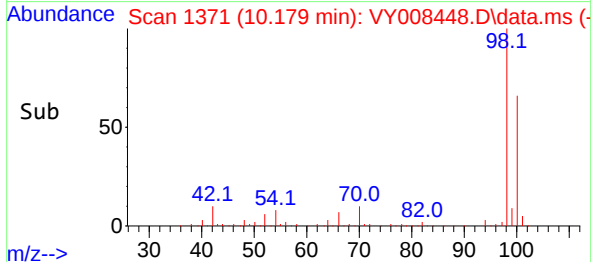
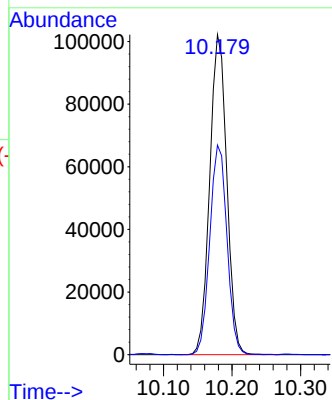
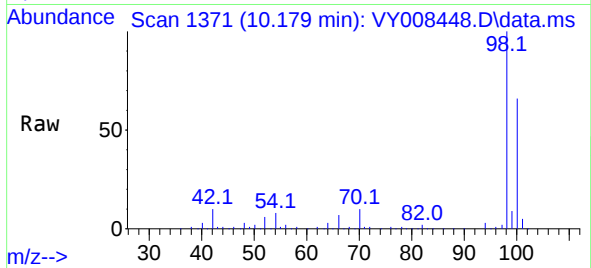




#50
Toluene-d8
Concen: 43.763 ug/l
RT: 10.179 min Scan# 11529
Delta R.T. -0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

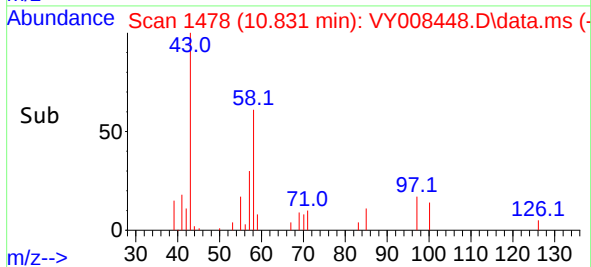
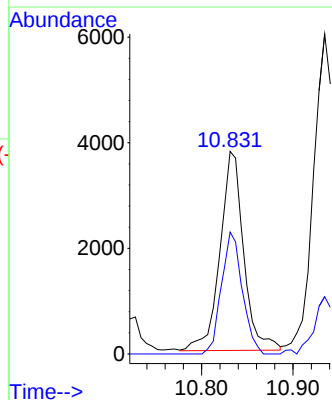
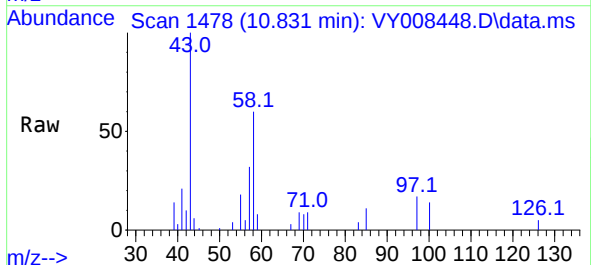
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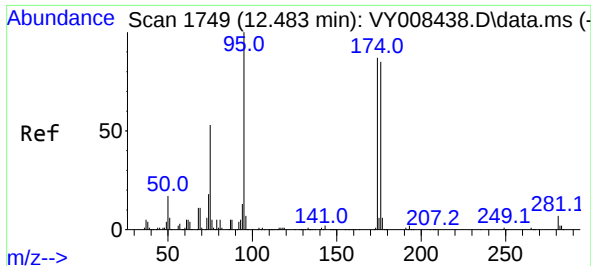
Tgt Ion: 98 Resp: 177225
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#59
2-Hexanone
Concen: 11.355 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

Tgt Ion: 43 Resp: 6802
Ion Ratio Lower Upper
43 100
58 53.6 24.4 73.4

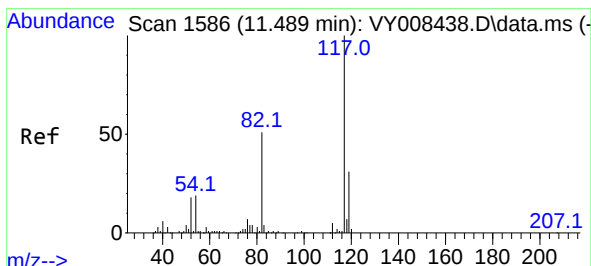
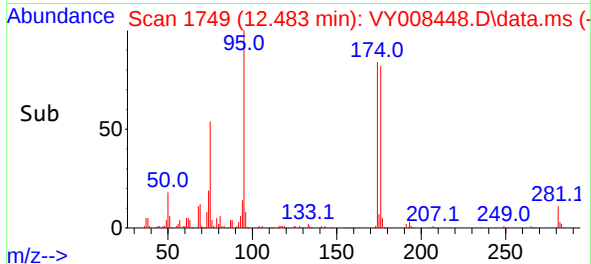
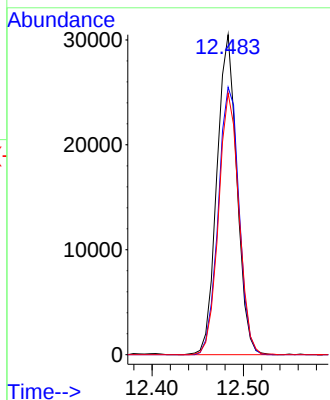
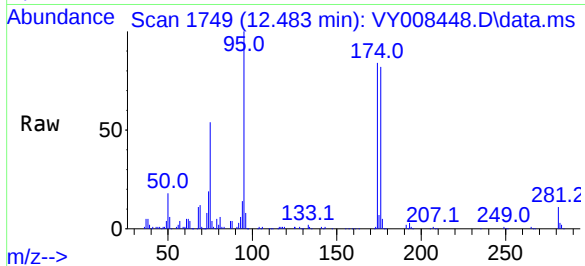




#62
4-Bromofluorobenzene
Concen: 33.714 ug/l
RT: 12.483 min Scan# 11529
Delta R.T. 0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

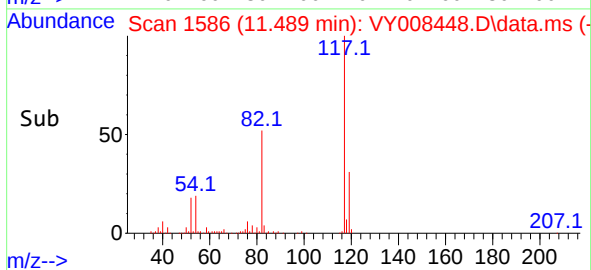
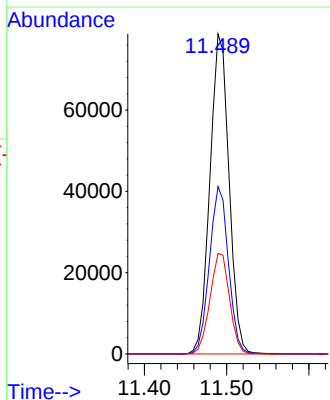
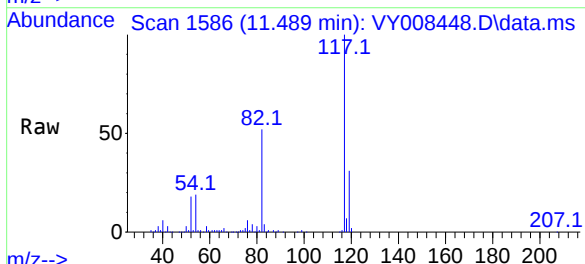
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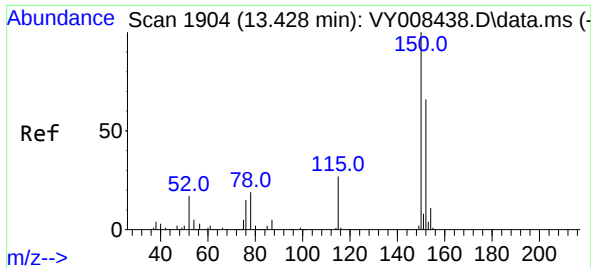
Tgt Ion: 95 Resp: 46433
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008448.D
Acq: 21 Apr 2022 18:12

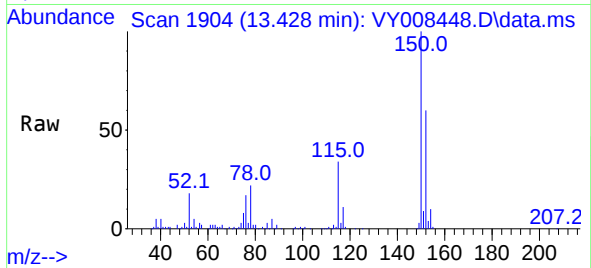
Tgt Ion: 117 Resp: 127007
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008448.D
 Acq: 21 Apr 2022 18:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 1529



Tgt Ion:152 Resp: 38373

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	157.1	0.0	347.6

