

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005431.D
 Acq On : 23 Jul 2021 21:18
 Operator : SY/MD
 Sample : M3159-04
 Misc : 5.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210732-63

Quant Time: Jul 24 03:04:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

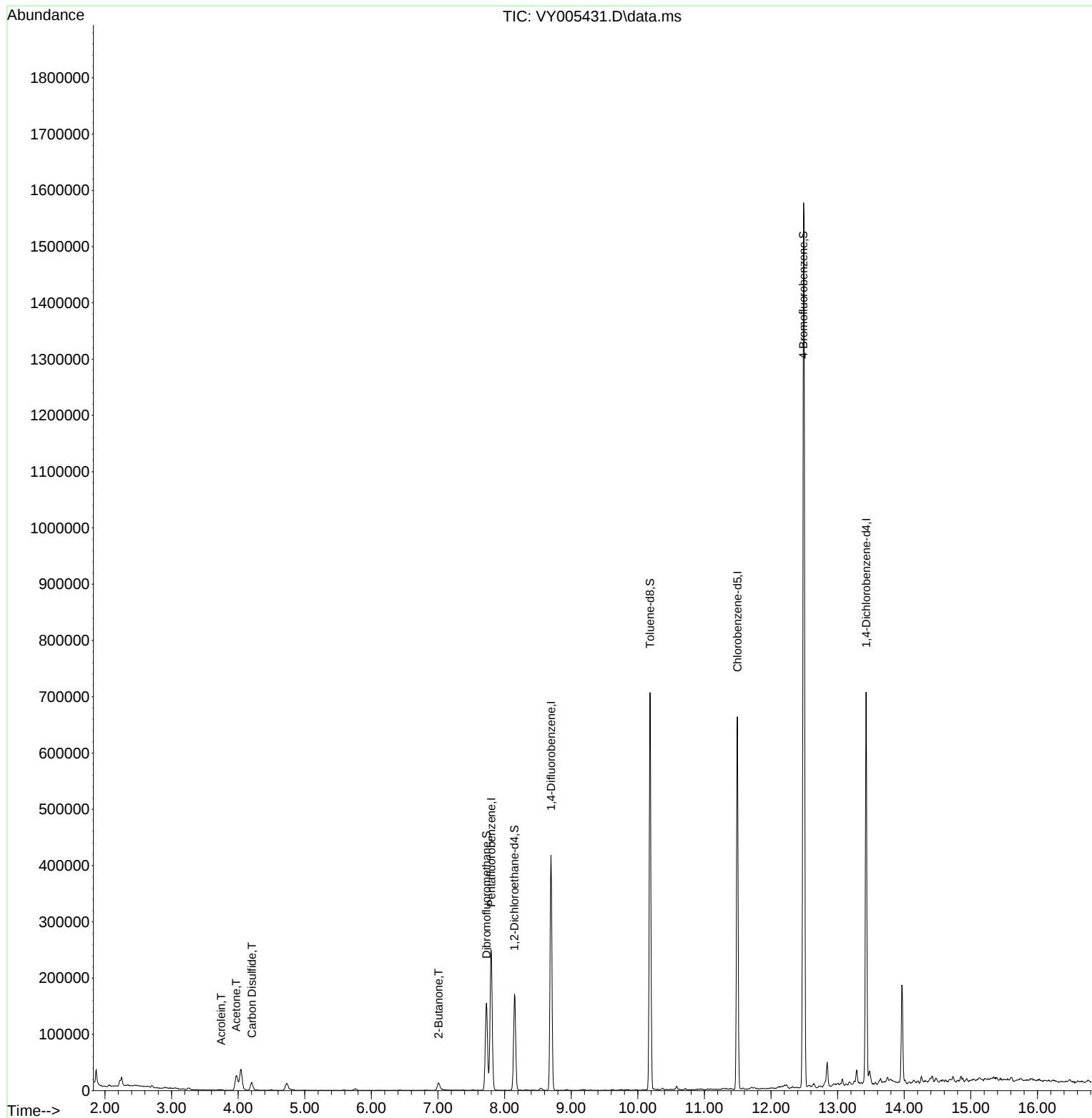
Internal Standards						
1) Pentafluorobenzene	7.801	168	205785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	349524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139000	63.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.460%	
35) Dibromofluoromethane	7.728	113	105641	51.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.185	98	449025	51.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.483	95	163269	56.937	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.880%	
Target Compounds						Qvalue
13) Acrolein	3.747	56	1611	8.471	ug/l	# 48
16) Acetone	3.972	43	58405	116.329	ug/l	99
17) Carbon Disulfide	4.204	76	27486	4.225	ug/l	99
25) 2-Butanone	7.008	43	21552	28.665	ug/l	96

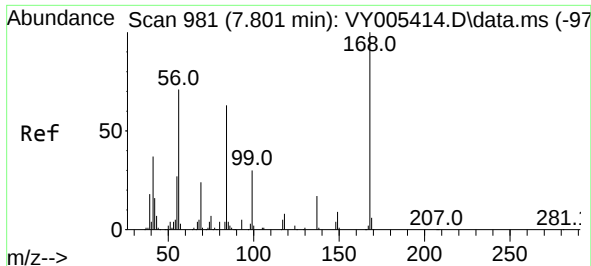
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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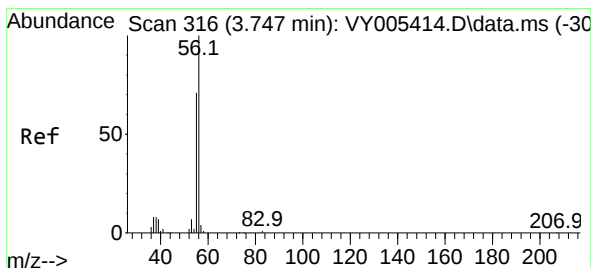
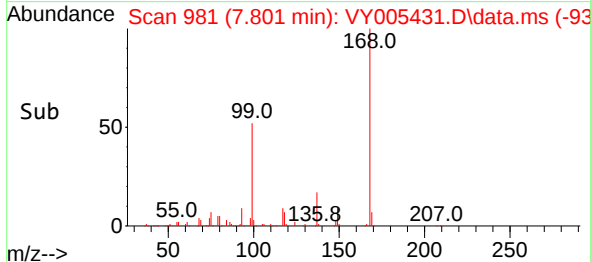
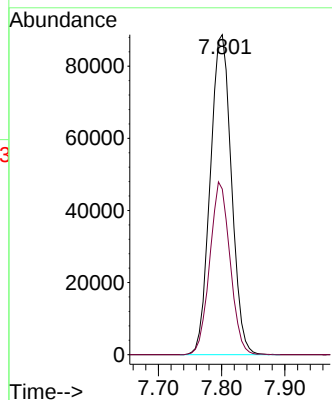
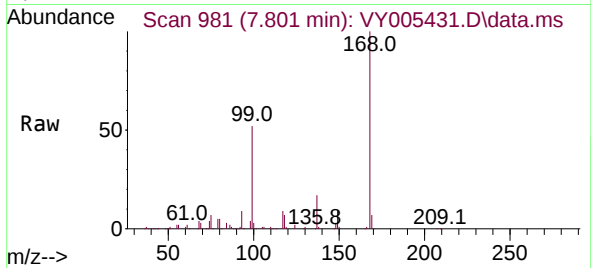




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

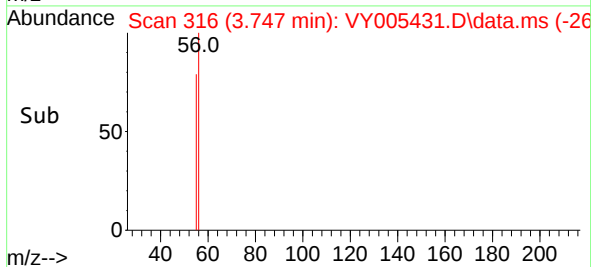
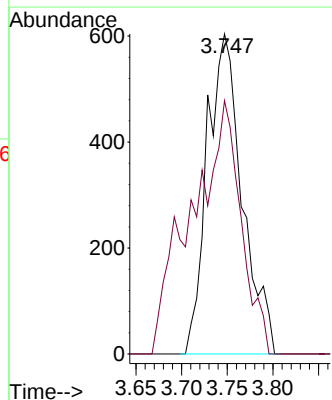
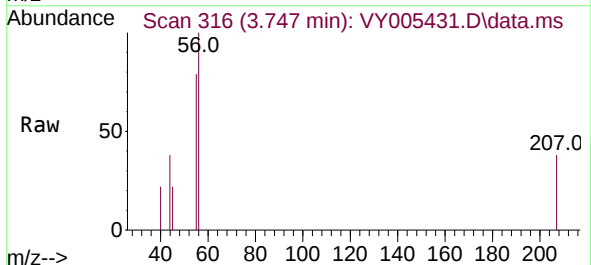
Instrument :
MSVOA_Y
ClientSampleId :
20210732-63

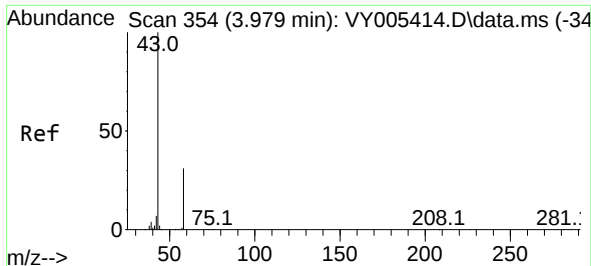
Tgt Ion:168 Resp: 205785
Ion Ratio Lower Upper
168 100
99 51.8 39.8 59.6



#13
Acrolein
Concen: 8.471 ug/l
RT: 3.747 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 56 Resp: 1611
Ion Ratio Lower Upper
56 100
55 111.4 55.2 82.8#

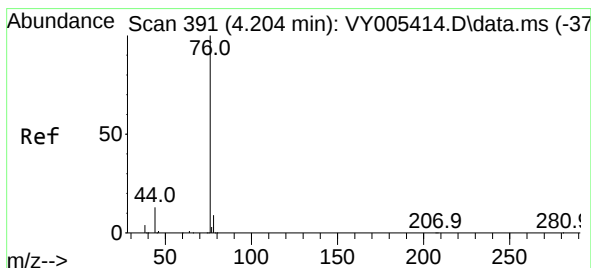
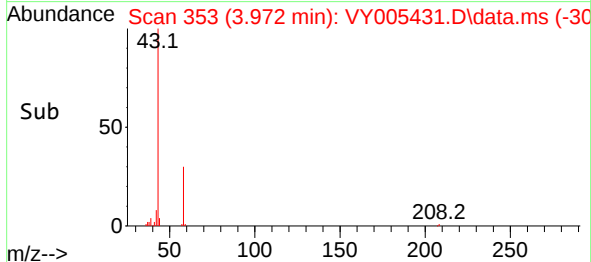
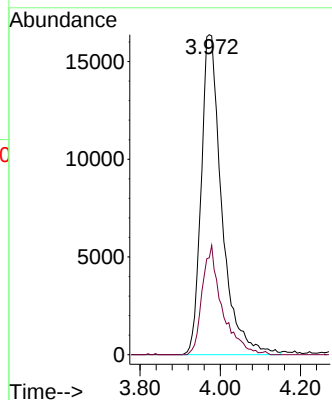
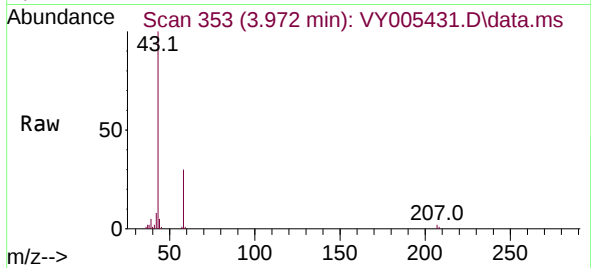




#16
Acetone
Concen: 116.329 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

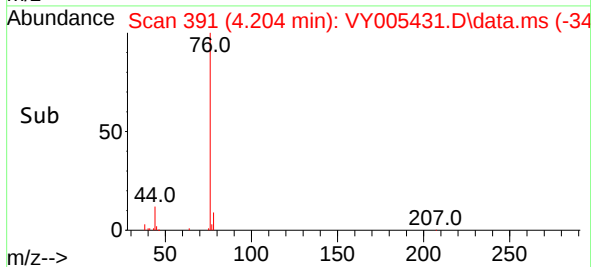
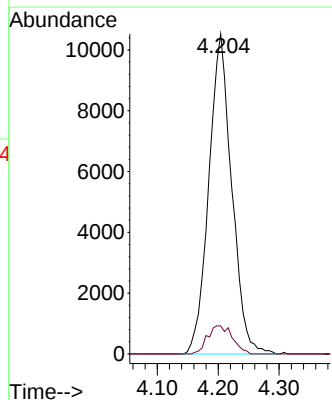
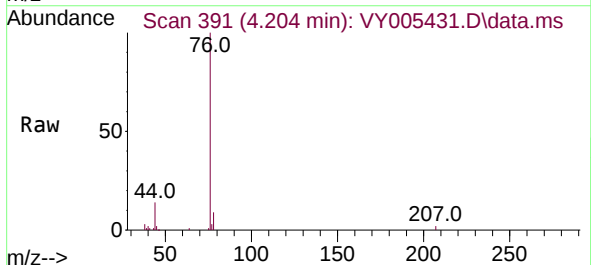
Instrument :
MSVOA_Y
ClientSampleId :
20210732-63

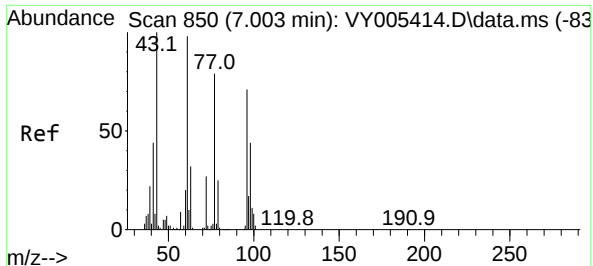
Tgt Ion: 43 Resp: 58405
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7



#17
Carbon Disulfide
Concen: 4.225 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 76 Resp: 27486
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#25

2-Butanone

Concen: 28.665 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY005431.D

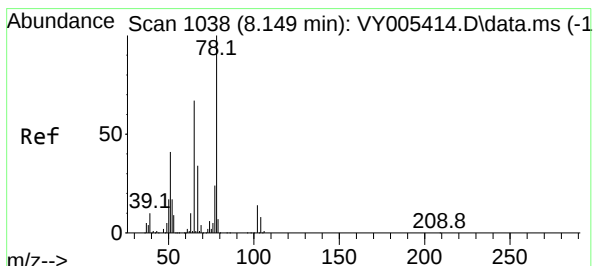
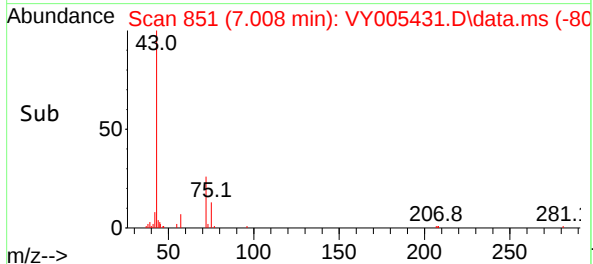
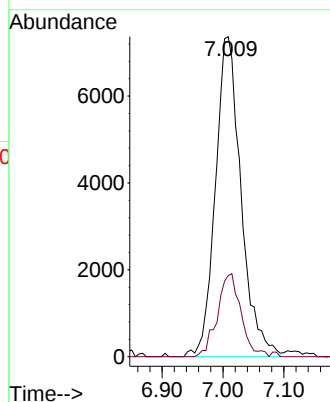
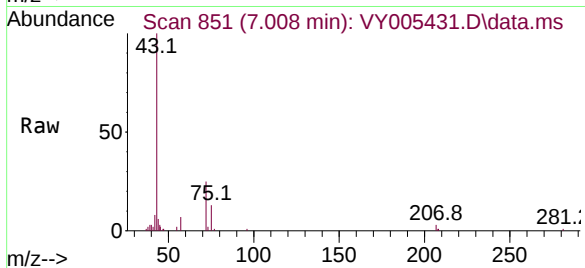
Acq: 23 Jul 2021 21:18

Tgt Ion: 43 Resp: 21552

Ion Ratio Lower Upper

43 100

72 25.4 21.9 32.9



#33

1,2-Dichloroethane-d4

Concen: 63.226 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005431.D

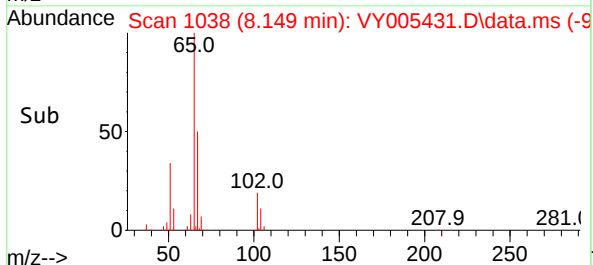
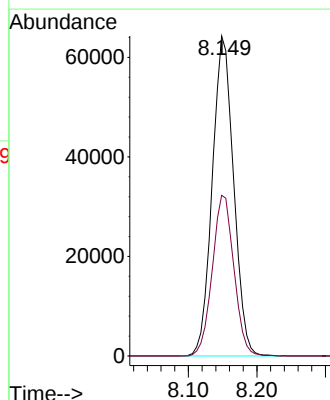
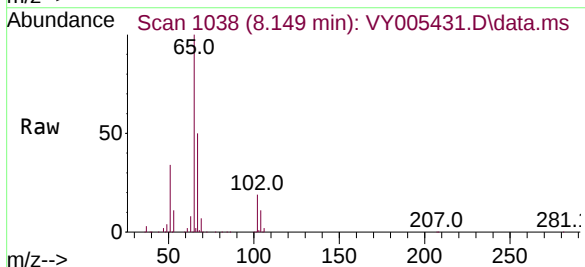
Acq: 23 Jul 2021 21:18

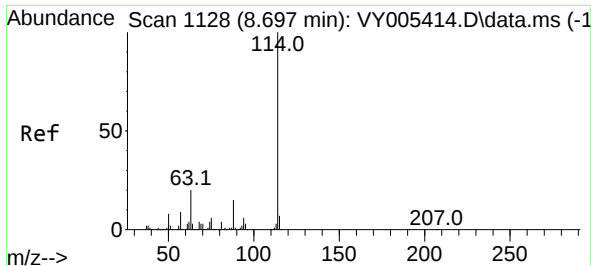
Tgt Ion: 65 Resp: 139000

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005431.D

Acq: 23 Jul 2021 21:18

Tgt Ion:114 Resp: 355021

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

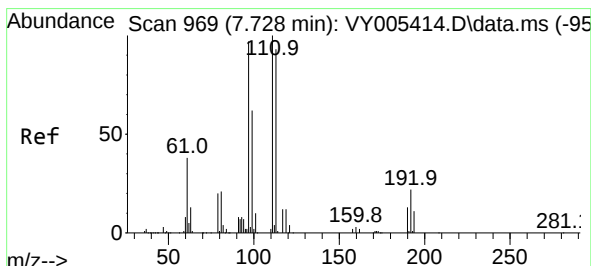
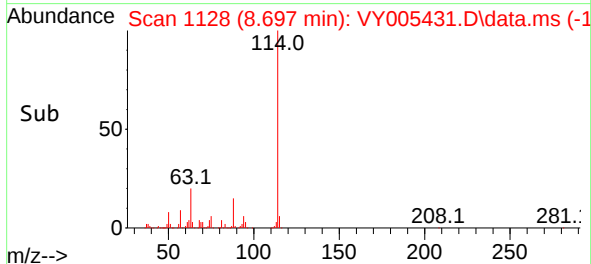
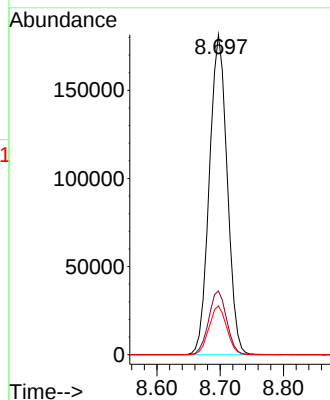
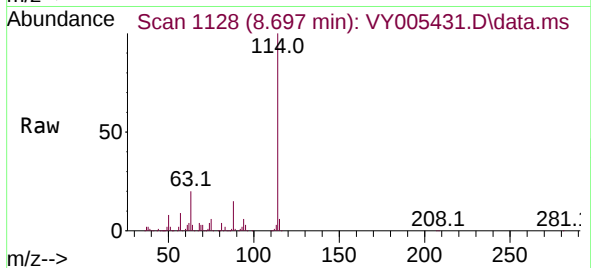
88 15.3 0.0 30.8

Instrument :

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ClientSampleId :

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#35

Dibromofluoromethane

Concen: 51.534 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005431.D

Acq: 23 Jul 2021 21:18

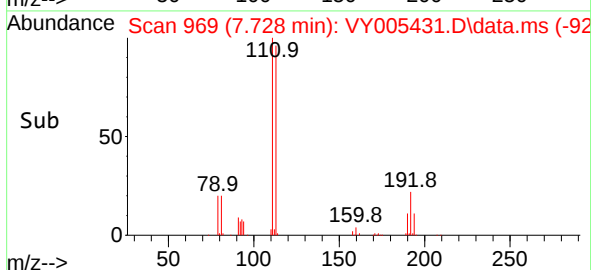
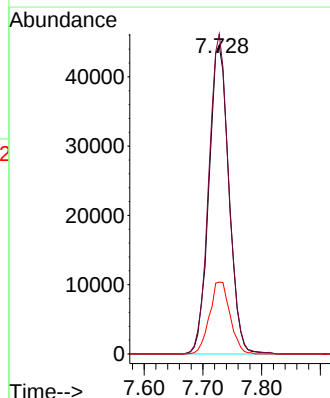
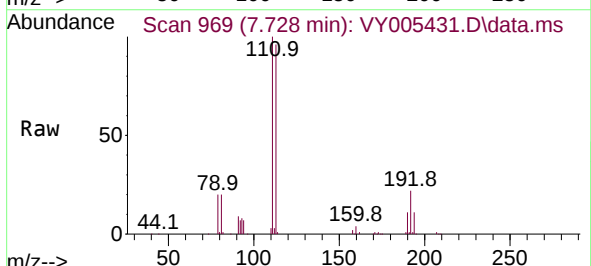
Tgt Ion:113 Resp: 105641

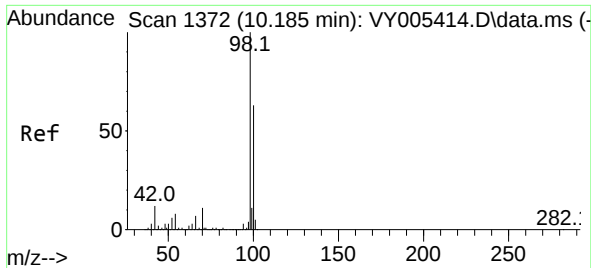
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 23.9 18.9 28.3

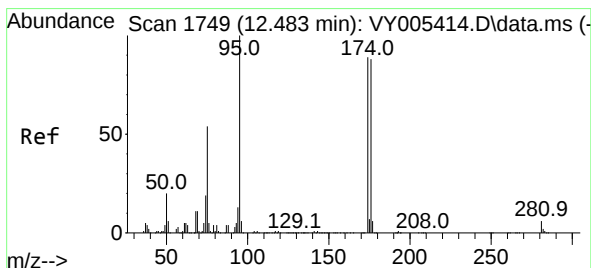
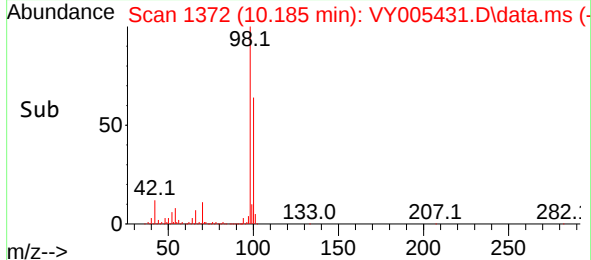
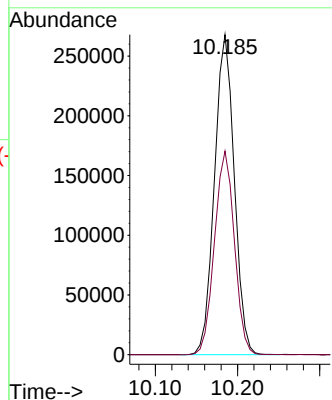
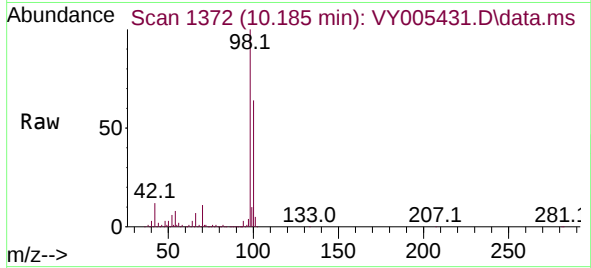




#50
Toluene-d8
Concen: 51.681 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

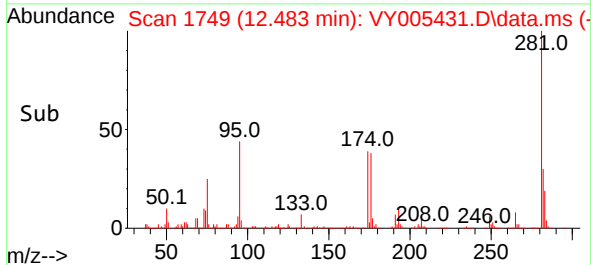
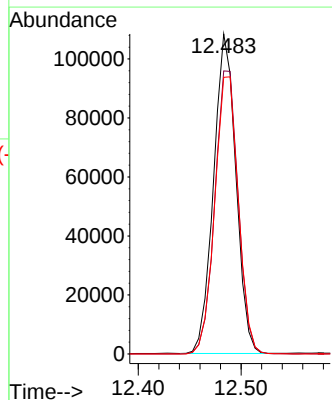
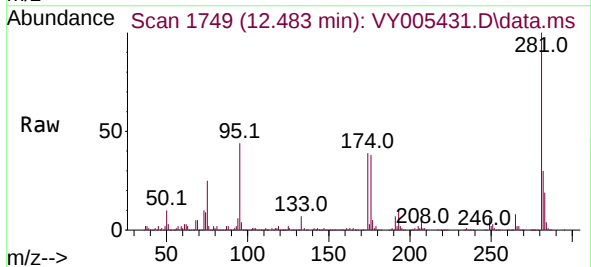
Instrument :
MSVOA_Y
ClientSampleId :
20210732-63

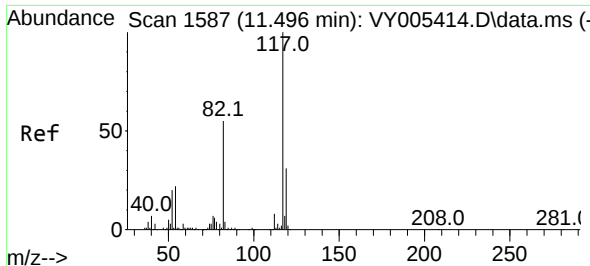
Tgt Ion: 98 Resp: 449025
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 95 Resp: 163269
Ion Ratio Lower Upper
95 100
174 92.7 0.0 186.6
176 91.6 0.0 182.4

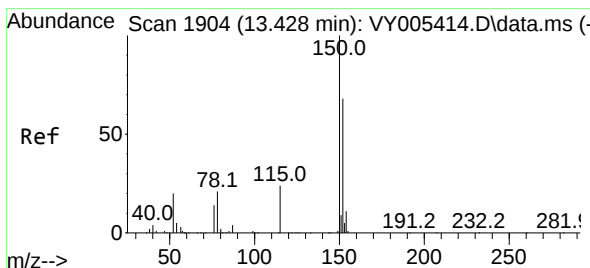
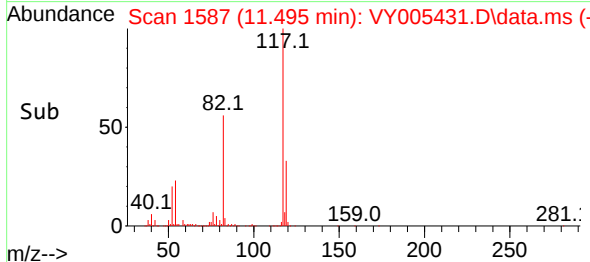
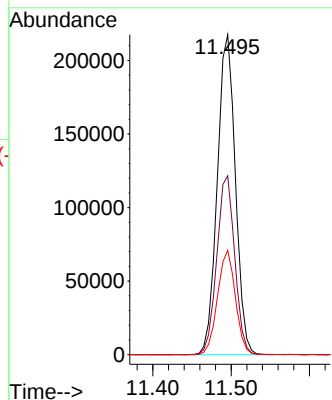
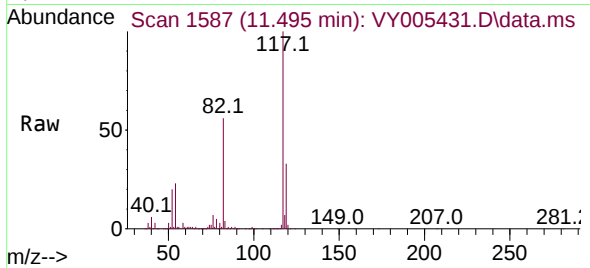




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

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Tgt Ion:	117	Resp:	349524
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.8	65.6
119	32.7	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005431.D
Acq: 23 Jul 2021 21:18

Tgt Ion:	152	Resp:	175108
Ion Ratio	Lower	Upper	
152	100		
115	54.3	27.7	83.1
150	155.6	0.0	349.6

