

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005556.D
 Acq On : 05 Aug 2021 15:27
 Operator : SY/MD
 Sample : M3293-07
 Misc : 5.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2071

Quant Time: Aug 06 04:40:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

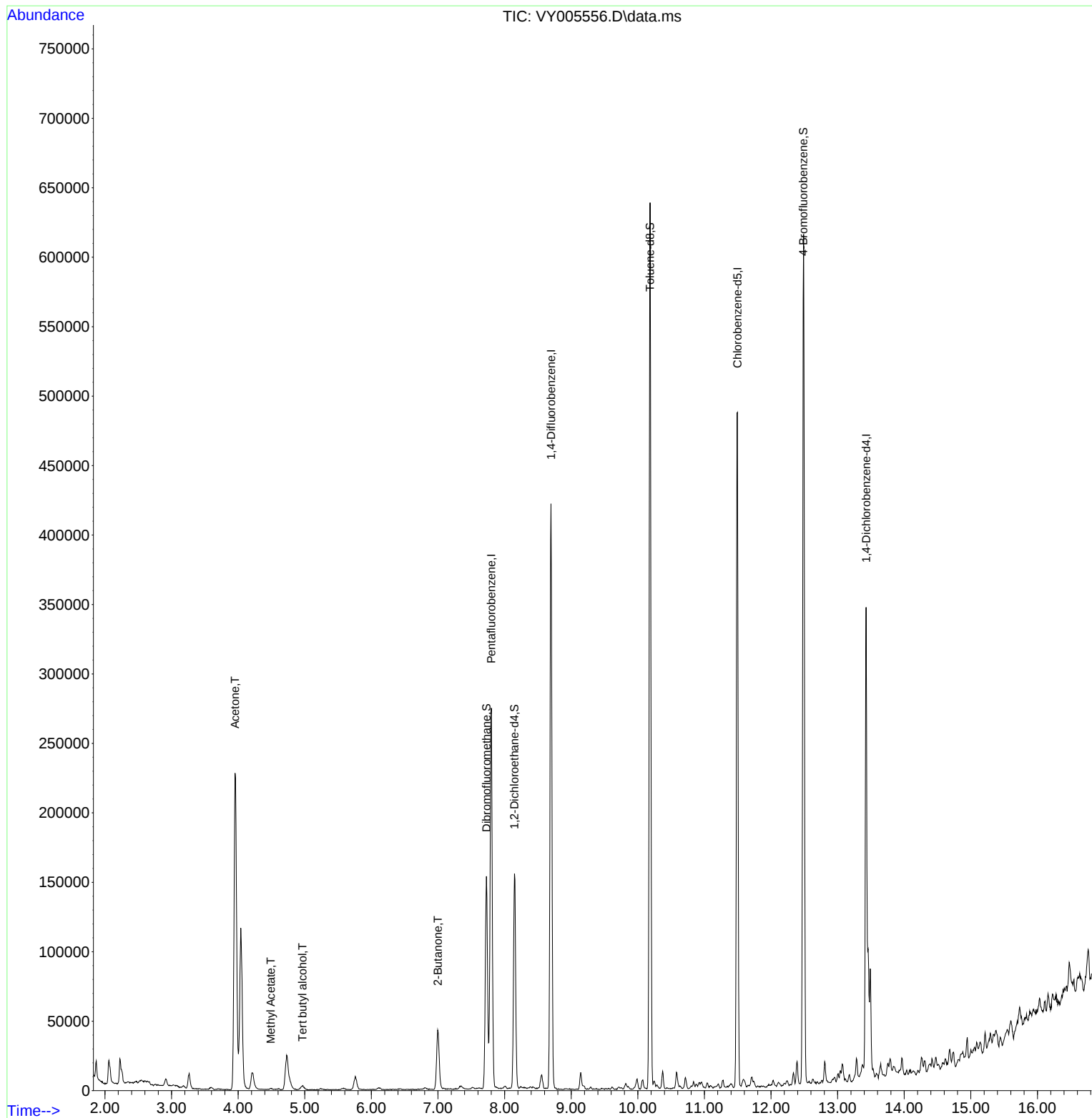
Internal Standards						
1) Pentafluorobenzene	7.801	168	223157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124519	55.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.240%
35) Dibromofluoromethane	7.728	113	104315	52.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.580%
50) Toluene-d8	10.185	98	409683	49.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	103530	37.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	5742	25.713	ug/l #	85
16) Acetone	3.954	43	396230	695.720	ug/l	95
18) Methyl Acetate	4.491	43	1955	1.313	ug/l	91
25) 2-Butanone	6.996	43	73241	86.998	ug/l	99

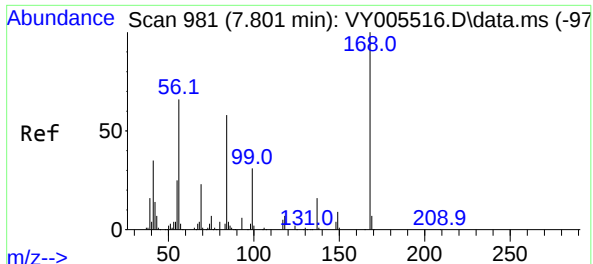
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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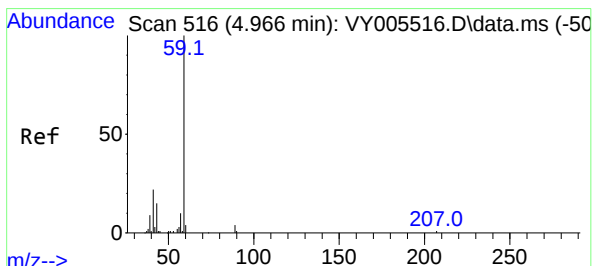
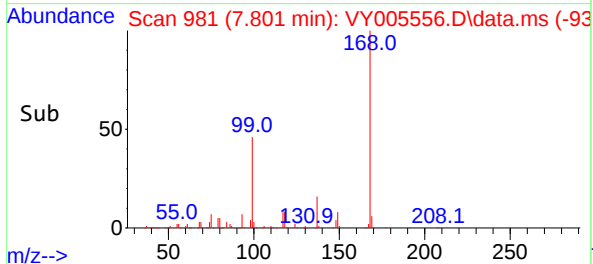
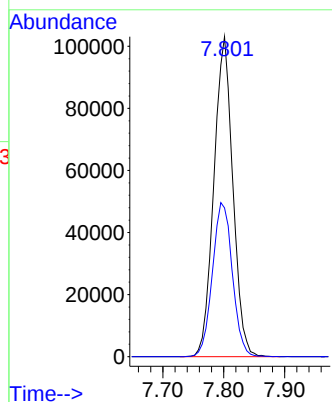
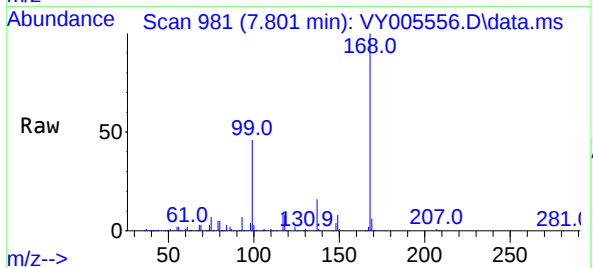




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

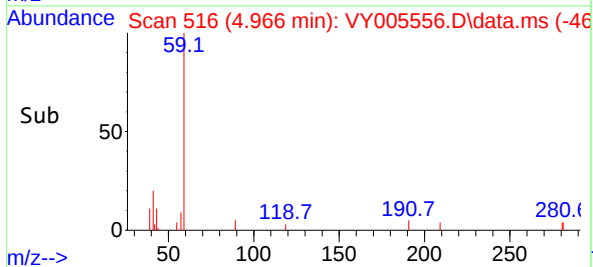
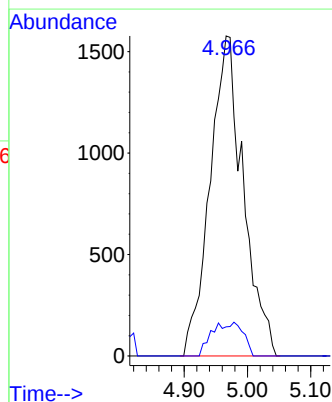
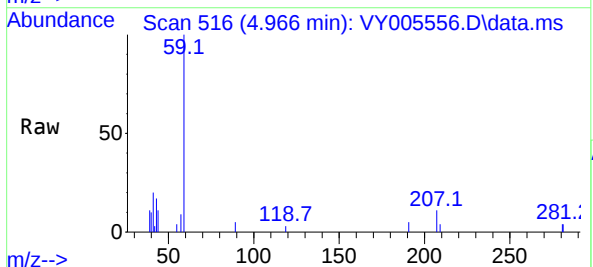
Instrument :
MSVOA_Y
ClientSampleId :
2071

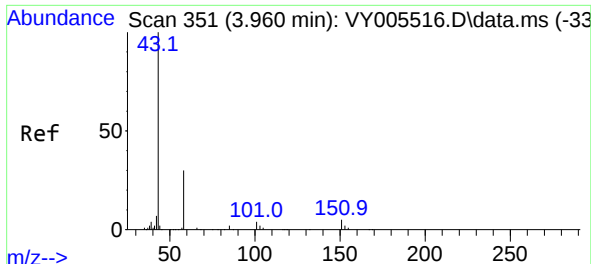
Tgt Ion:168 Resp: 223157
Ion Ratio Lower Upper
168 100
99 46.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 25.713 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion: 59 Resp: 5742
Ion Ratio Lower Upper
59 100
57 4.3 8.0 12.0#





#16

Acetone

Concen: 695.720 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY005556.D

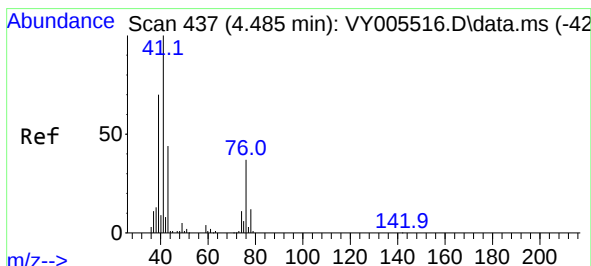
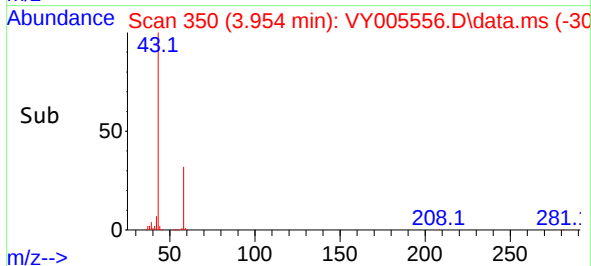
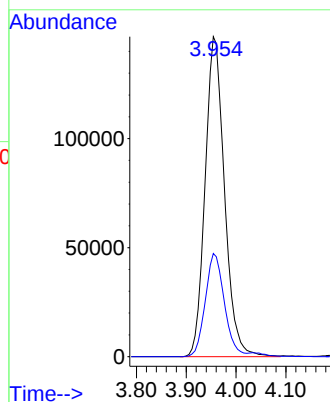
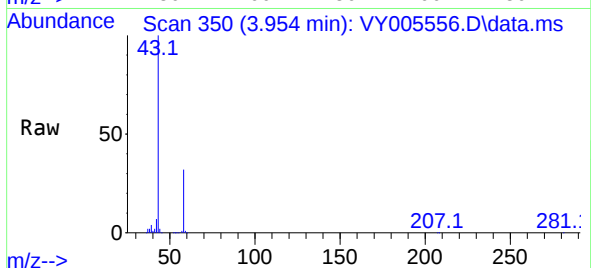
Acq: 05 Aug 2021 15:27

Tgt Ion: 43 Resp: 396230

Ion Ratio Lower Upper

43 100

58 32.3 23.8 35.6



#18

Methyl Acetate

Concen: 1.313 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY005556.D

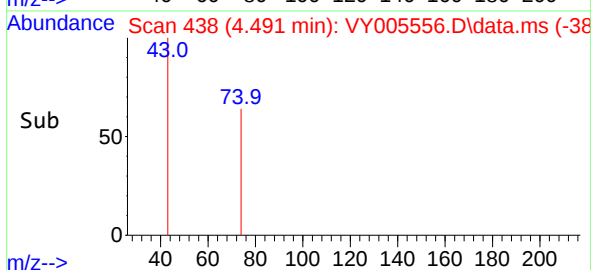
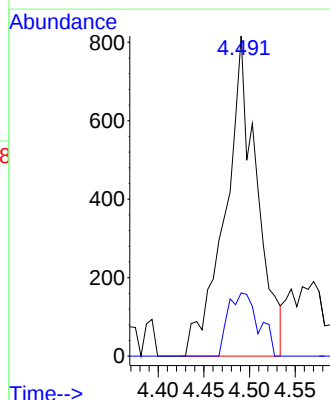
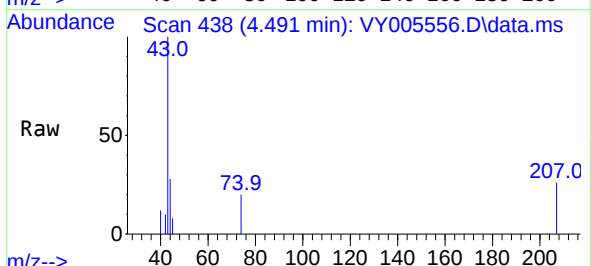
Acq: 05 Aug 2021 15:27

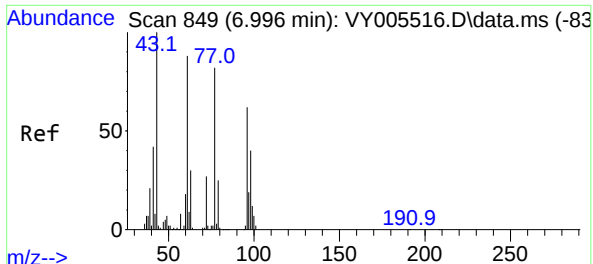
Tgt Ion: 43 Resp: 1955

Ion Ratio Lower Upper

43 100

74 19.1 19.0 28.6

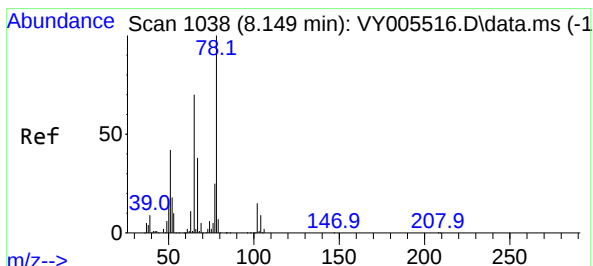
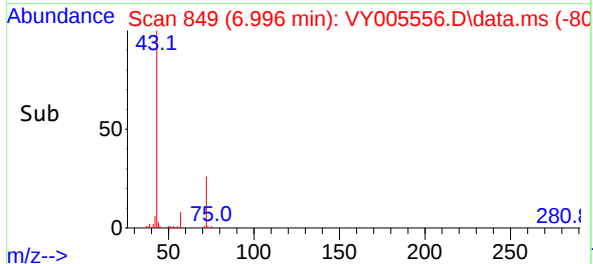
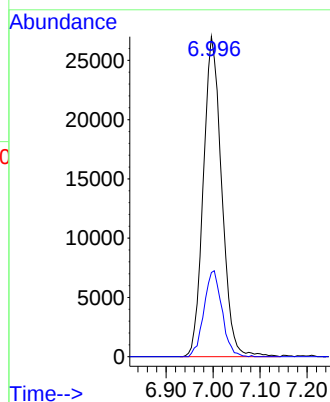
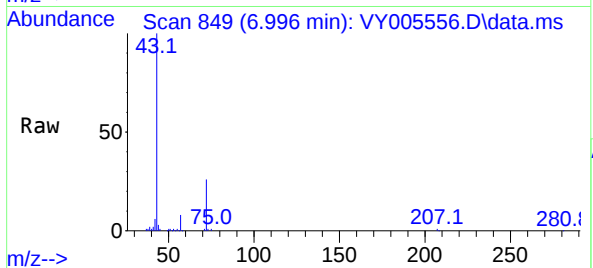




#25
2-Butanone
Concen: 86.998 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

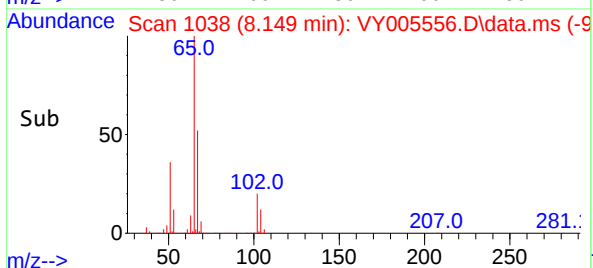
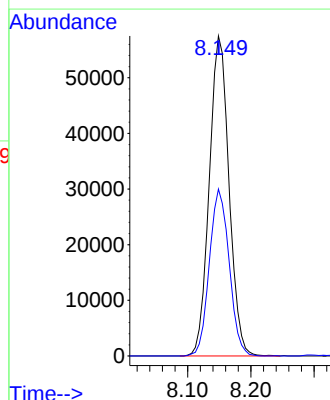
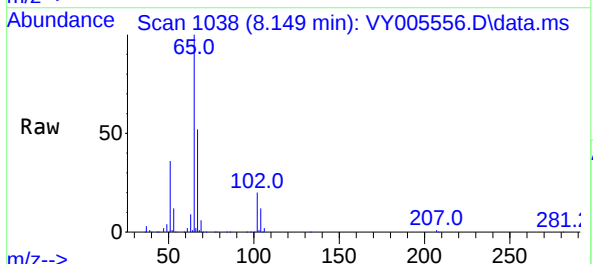
Instrument :
MSVOA_Y
ClientSampleId :
2071

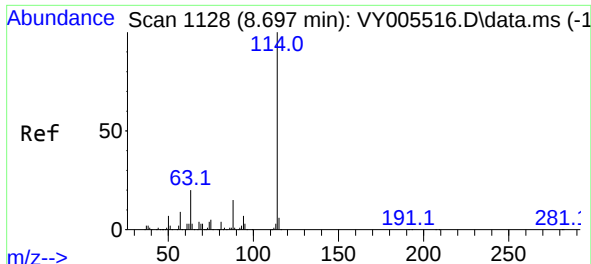
Tgt Ion: 43 Resp: 73241
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 55.124 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion: 65 Resp: 124519
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

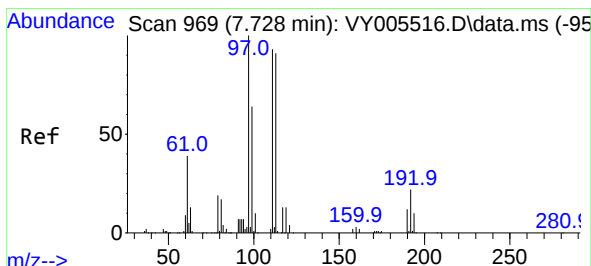
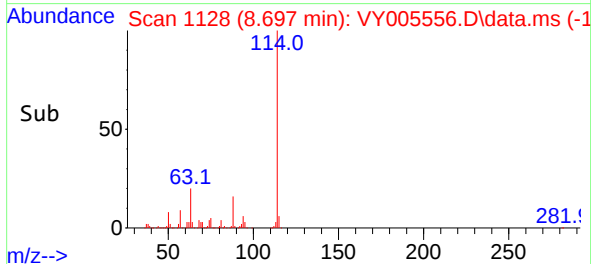
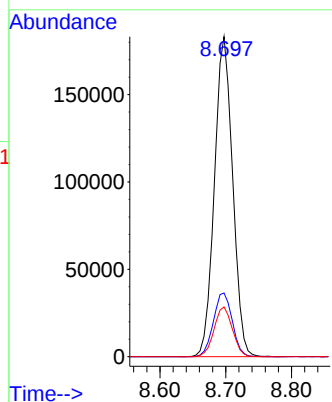
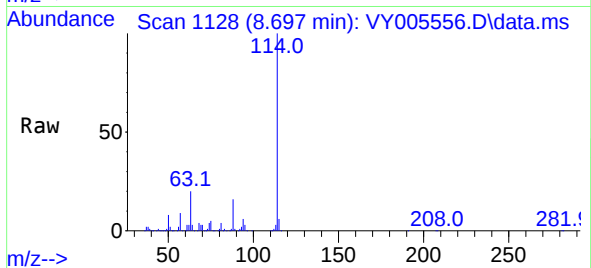




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

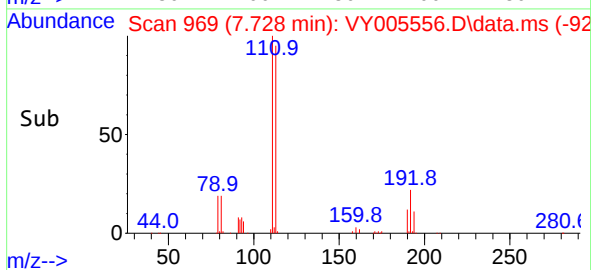
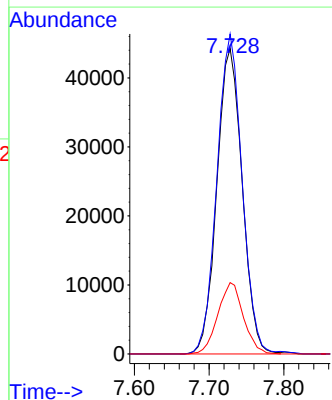
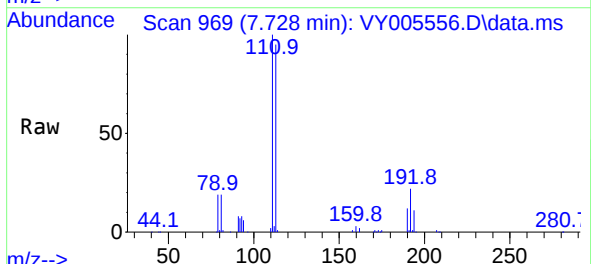
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ClientSampleId :
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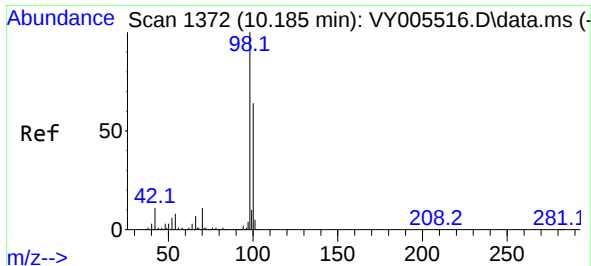
Tgt Ion:	114	Resp:	352954
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	39.2
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.788 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion:	113	Resp:	104315
Ion Ratio	Lower	Upper	
113	100		
111	104.4	81.9	122.9
192	23.5	19.2	28.8

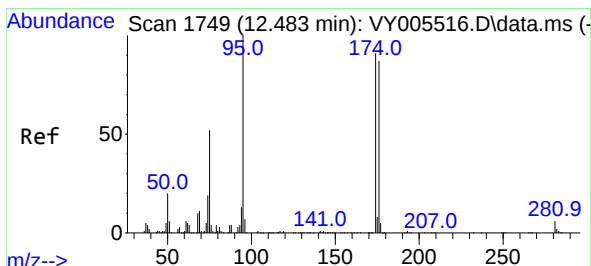
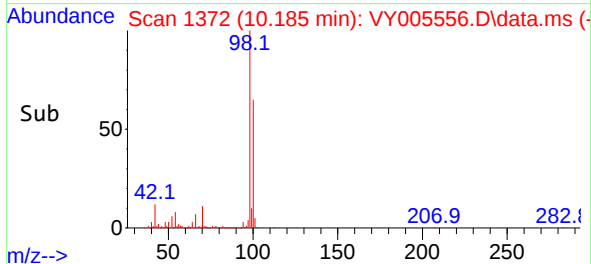
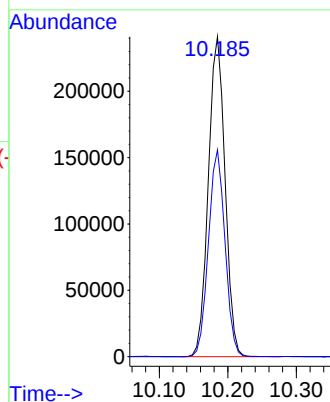
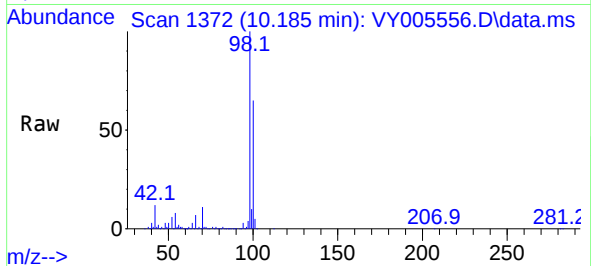




#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

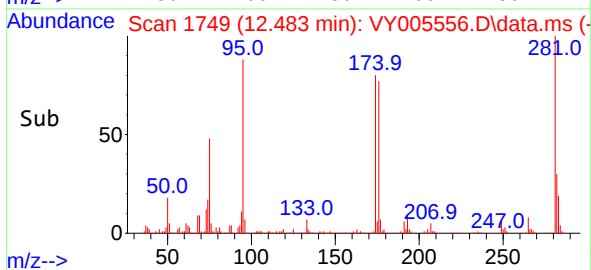
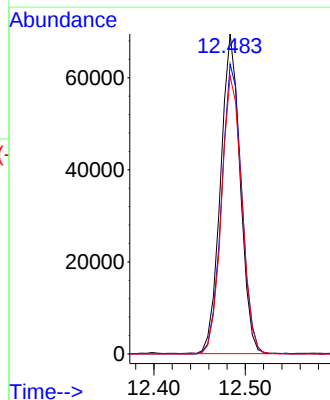
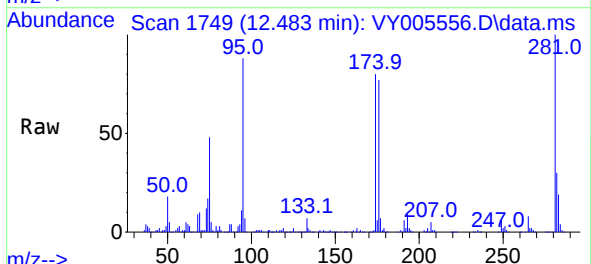
Instrument :
MSVOA_Y
ClientSampled :
2071

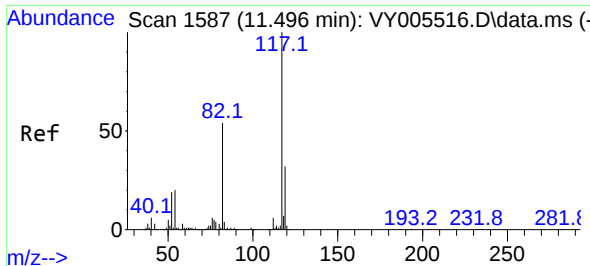
Tgt Ion: 98 Resp: 409683
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 37.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion: 95 Resp: 103530
Ion Ratio Lower Upper
95 100
174 93.5 0.0 191.4
176 90.2 0.0 183.6

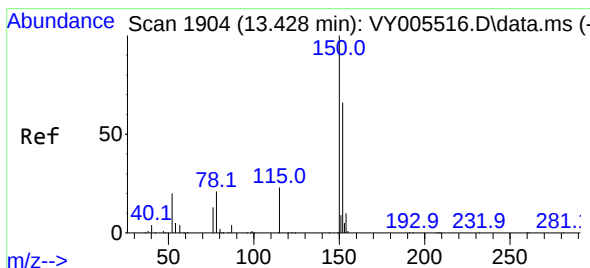
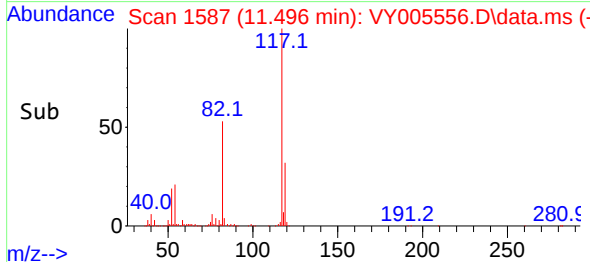
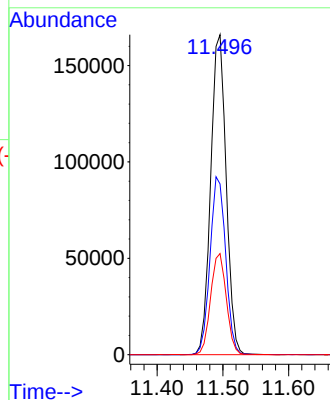
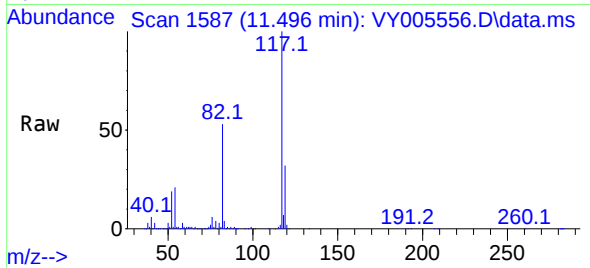




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
2071

Tgt Ion:	117	Resp:	272052
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.5	65.3
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion:	152	Resp:	86787
Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.3	81.9
150	153.4	0.0	350.2

