

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005693.D
 Acq On : 17 Aug 2021 01:34
 Operator : SY/MD
 Sample : M3424-10
 Misc : 8.4G/5ML/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 19S

Quant Time: Aug 17 05:23:42 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)

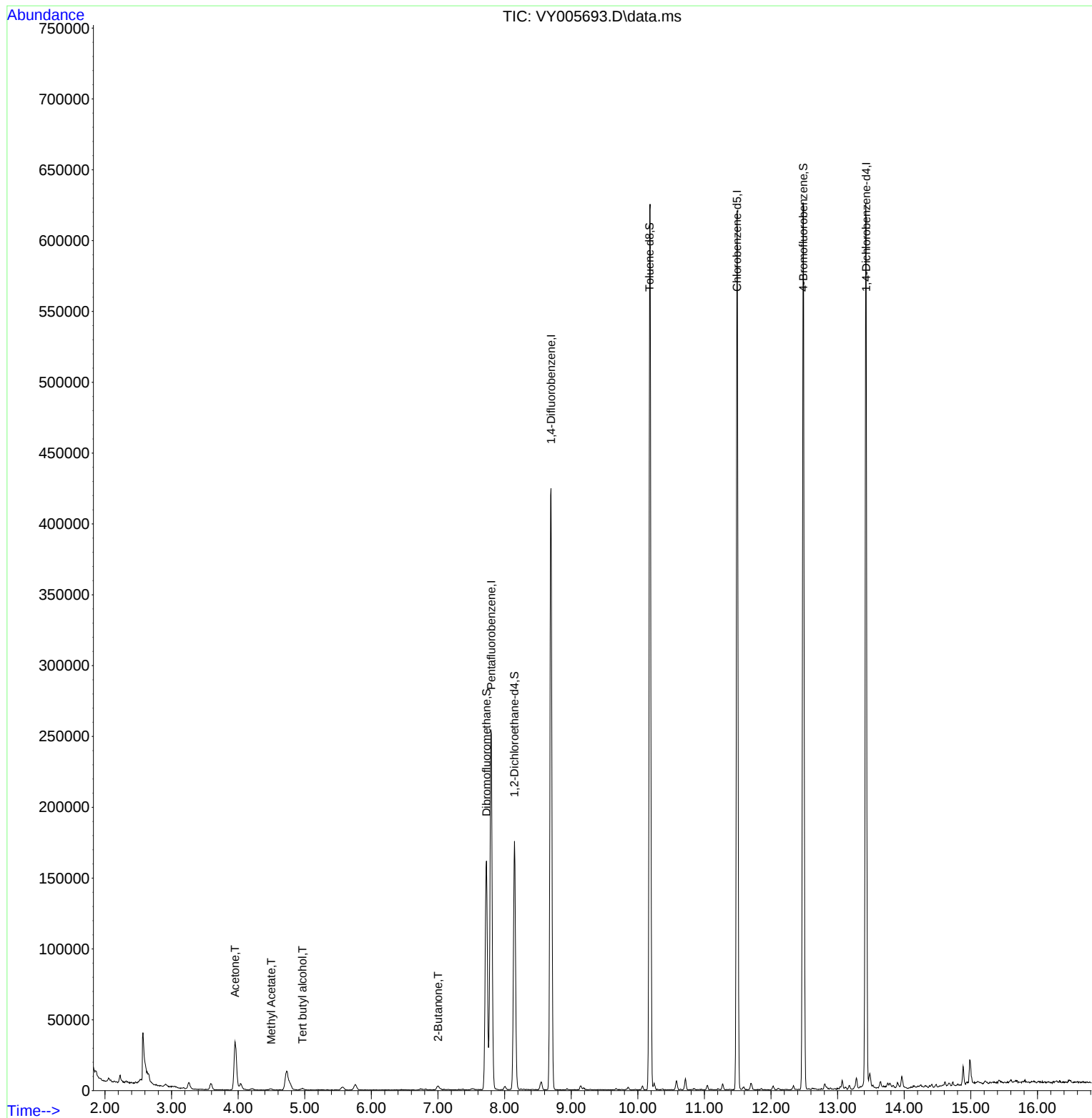
Internal Standards						
1) Pentafluorobenzene	7.801	168	208563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	140477	66.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.080%			
35) Dibromofluoromethane	7.728	113	109953	53.892	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.780%			
50) Toluene-d8	10.178	98	413941	48.377	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.760%			
62) 4-Bromofluorobenzene	12.483	95	142626	50.335	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.680%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	2192	10.503	ug/l #	92
16) Acetone	3.954	43	59296	111.400	ug/l	95
18) Methyl Acetate	4.497	43	1993	1.432	ug/l #	90
25) 2-Butanone	7.002	43	3559	4.523	ug/l #	86

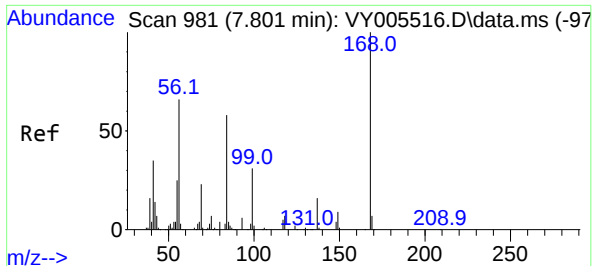
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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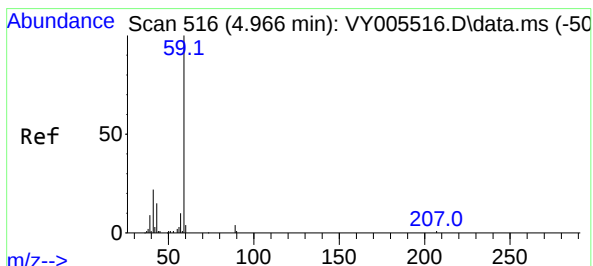
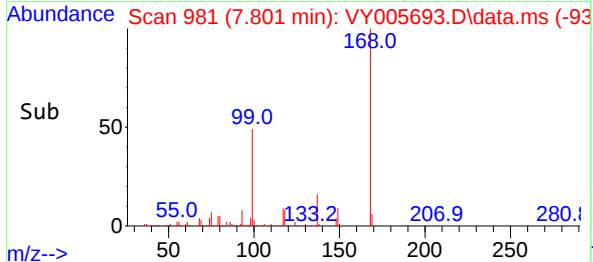
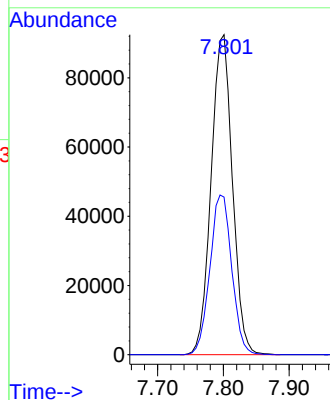
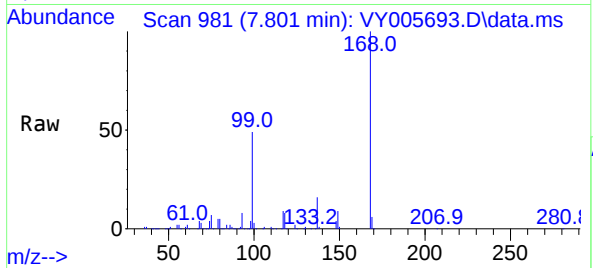




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

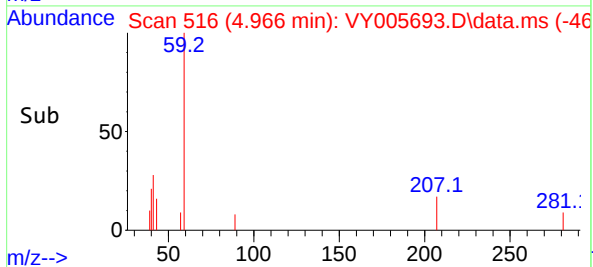
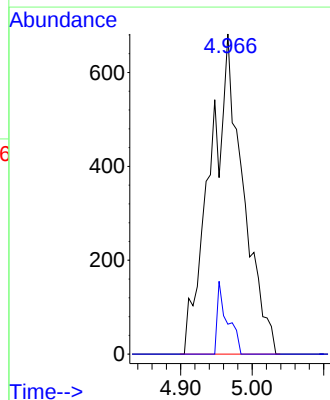
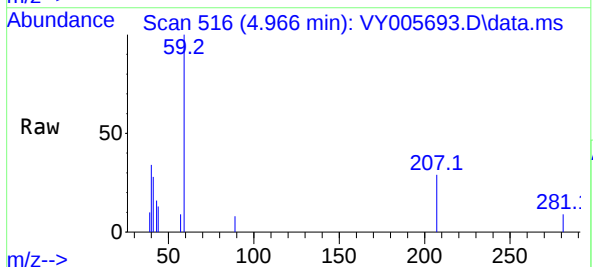
Instrument :
MSVOA_Y
ClientSampleId :
19S

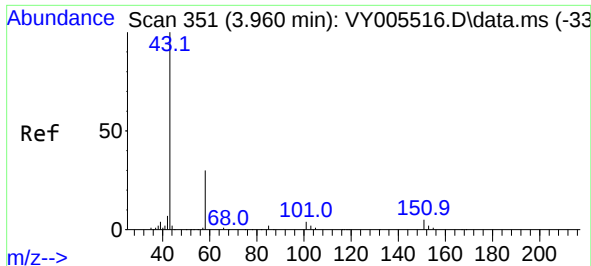
Tgt Ion:168 Resp: 208563
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 10.503 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion: 59 Resp: 2192
Ion Ratio Lower Upper
59 100
57 7.0 8.0 12.0#

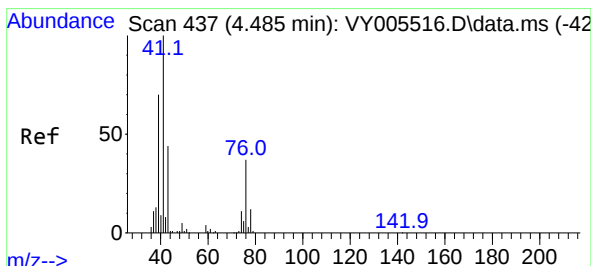
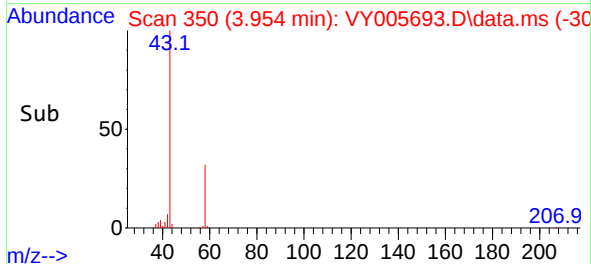
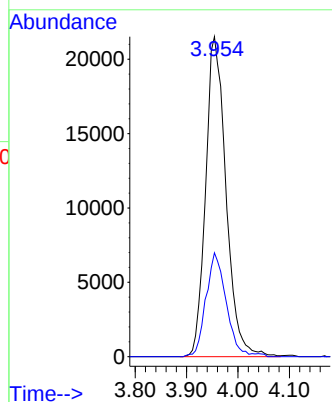
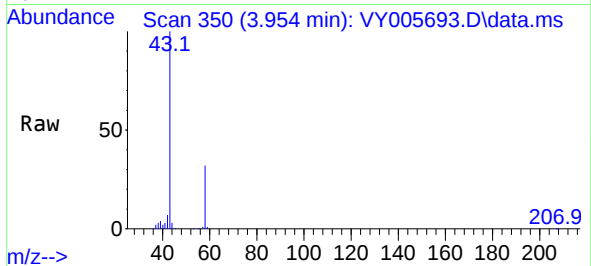




#16
Acetone
Concen: 111.400 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

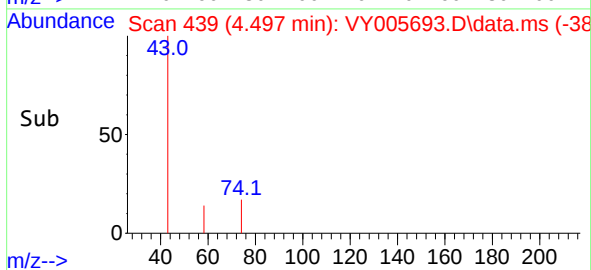
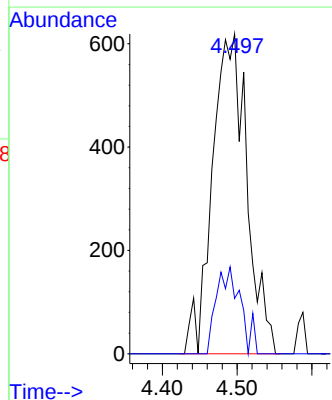
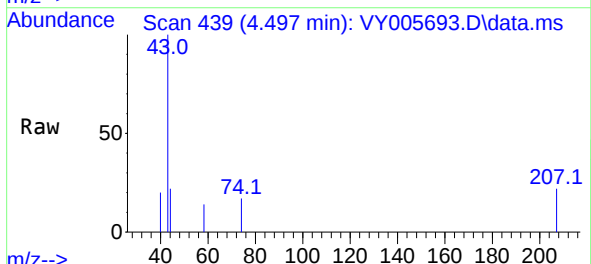
Instrument :
MSVOA_Y
ClientSampleId :
19S

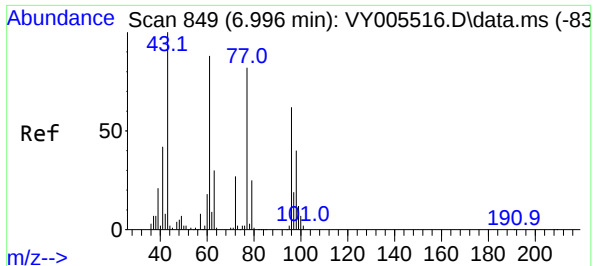
Tgt Ion: 43 Resp: 59296
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6



#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
74 18.8 19.0 28.6#





#25

2-Butanone

Concen: 4.523 ug/l

RT: 7.002 min Scan# 850

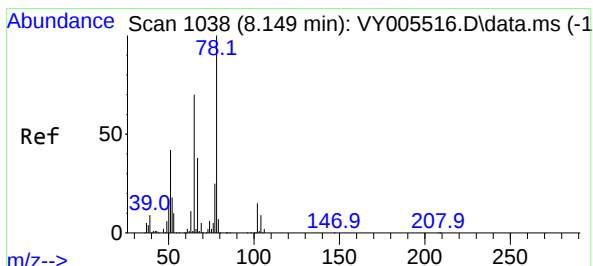
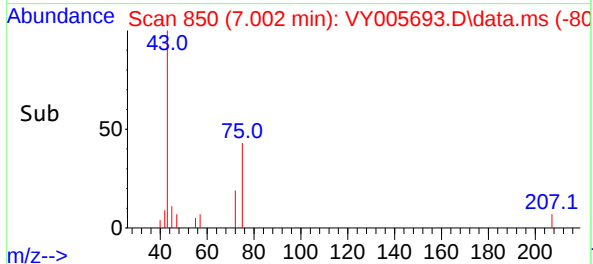
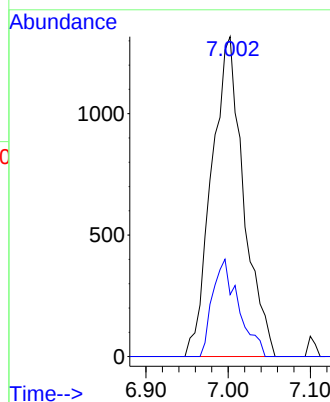
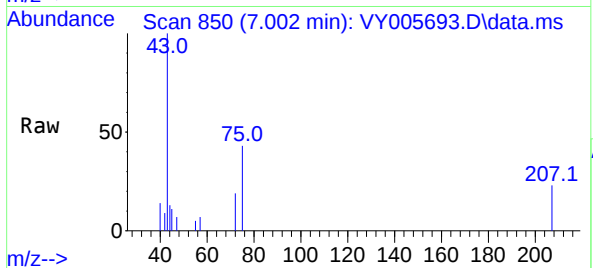
Delta R.T. 0.006 min

Lab File: VY005693.D

Acq: 17 Aug 2021 01:34

Instrument :
MSVOA_Y
ClientSampled :
19S

Tgt Ion: 43 Resp: 3559
Ion Ratio Lower Upper
43 100
72 19.4 21.4 32.2#



#33

1,2-Dichloroethane-d4

Concen: 66.540 ug/l

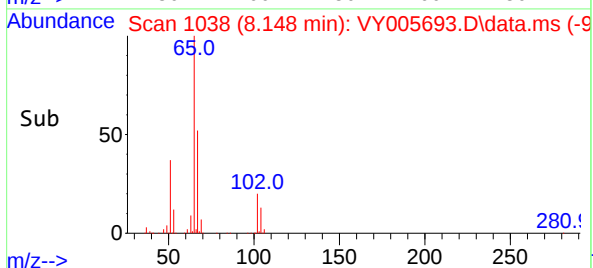
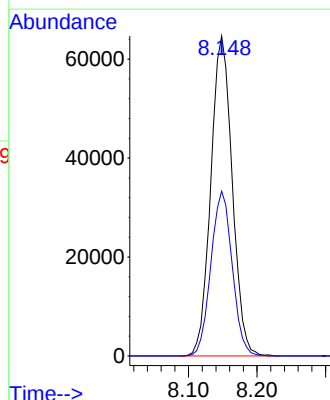
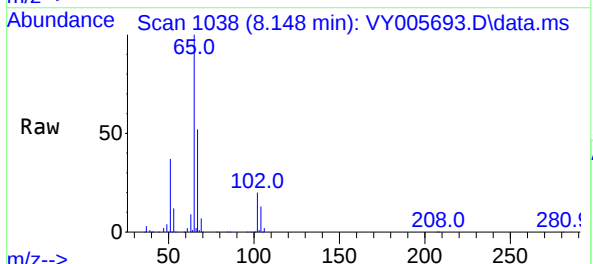
RT: 8.148 min Scan# 1038

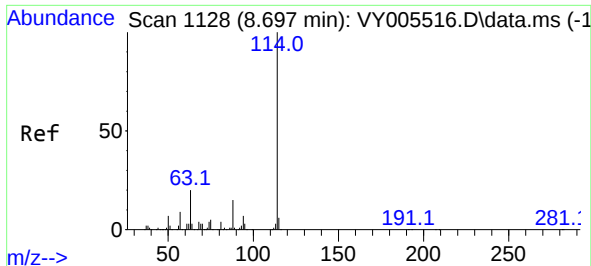
Delta R.T. -0.000 min

Lab File: VY005693.D

Acq: 17 Aug 2021 01:34

Tgt Ion: 65 Resp: 140477
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



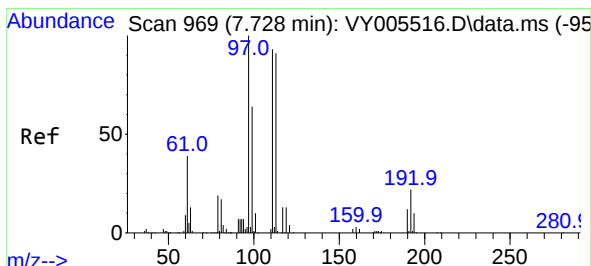
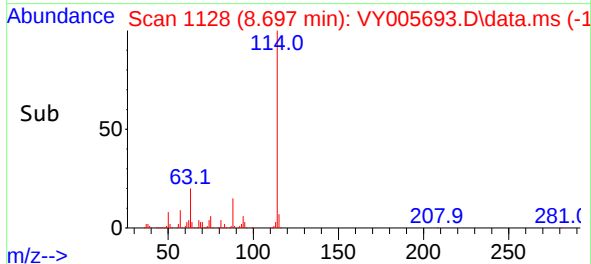
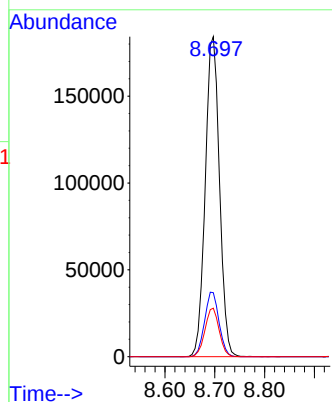
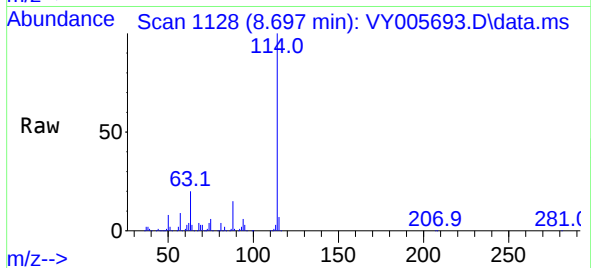


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Instrument :
MSVOA_Y
ClientSampled :
19S

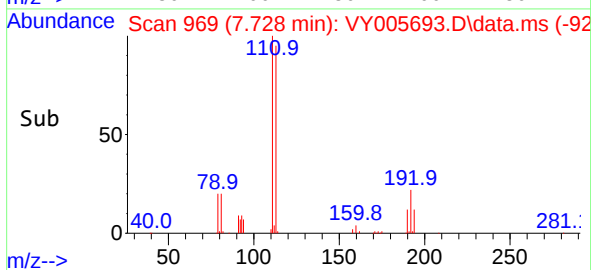
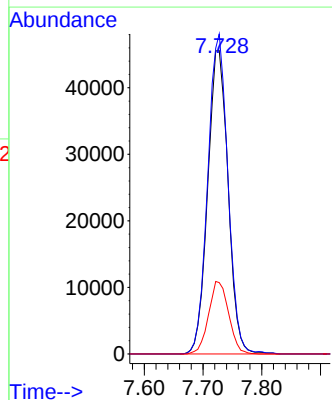
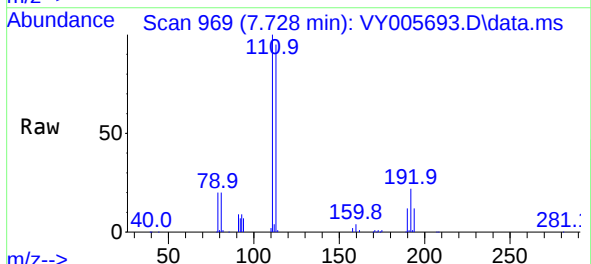
Tgt Ion:114 Resp: 364410
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.1 0.0 30.8

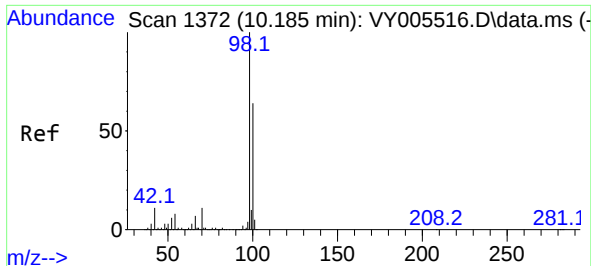


#35

Dibromofluoromethane
Concen: 53.892 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion:113 Resp: 109953
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 23.5 19.2 28.8

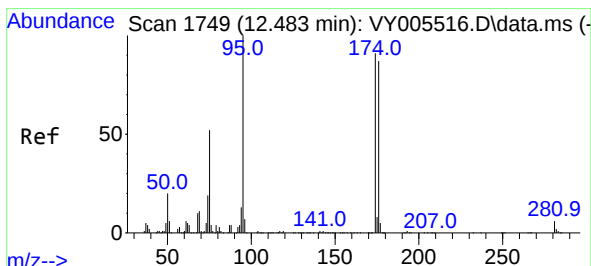
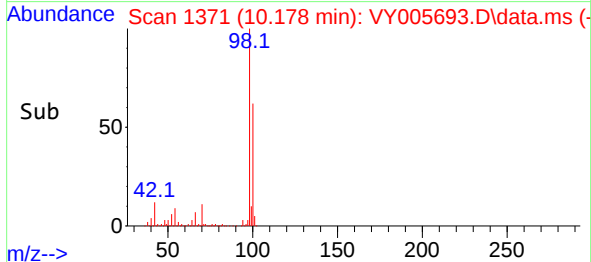
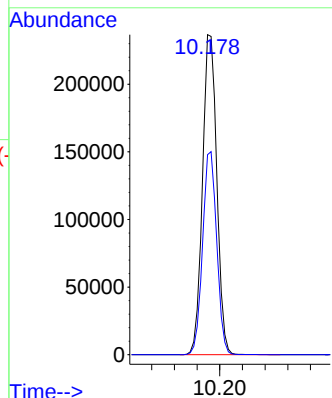
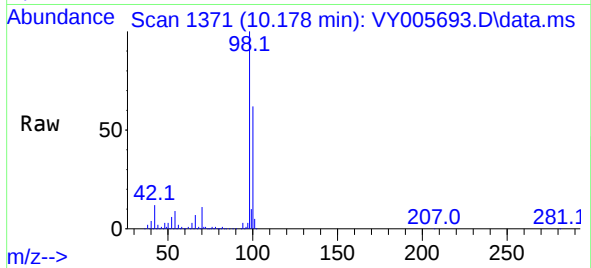




#50
Toluene-d8
Concen: 48.377 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

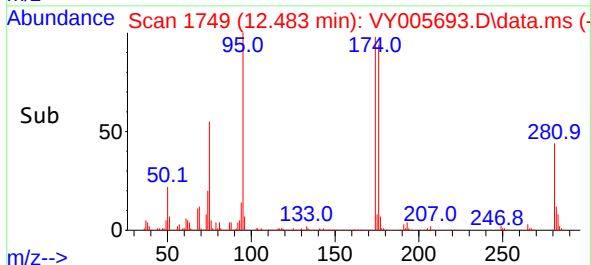
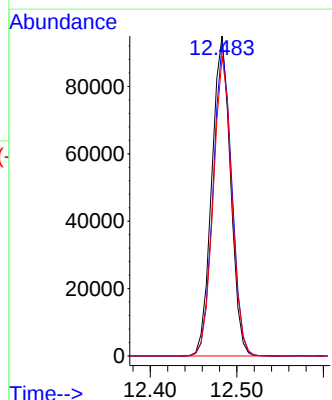
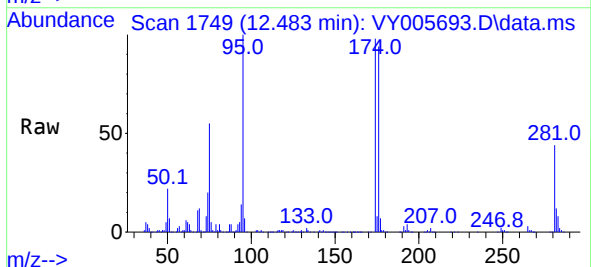
Instrument :
MSVOA_Y
ClientSampled :
19S

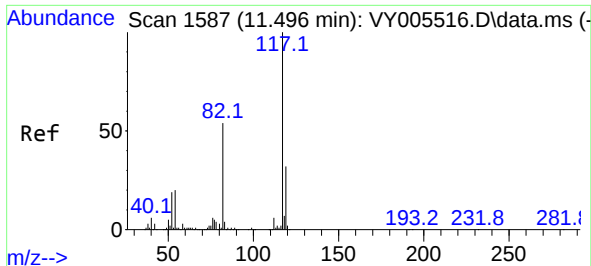
Tgt Ion: 98 Resp: 413941
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.335 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion: 95 Resp: 142626
Ion Ratio Lower Upper
95 100
174 96.6 0.0 191.4
176 92.4 0.0 183.6

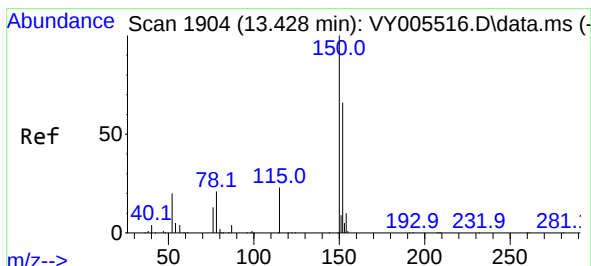
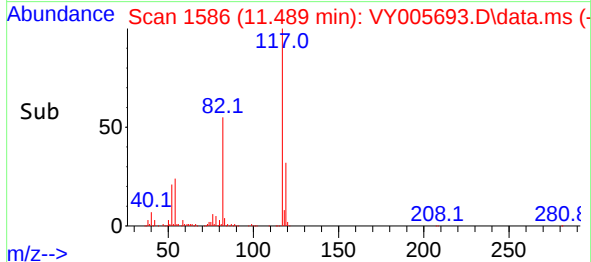
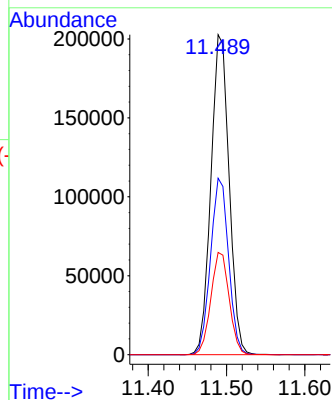
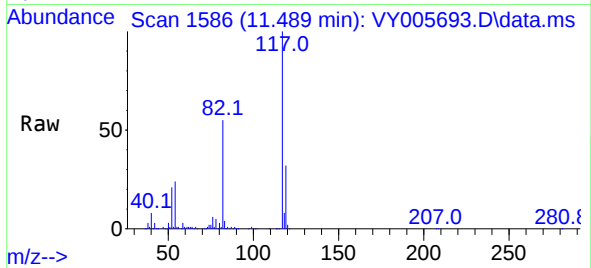




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Instrument :
MSVOA_Y
ClientSampled :
19S

Tgt Ion:	117	Resp:	326429
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.5	65.3
119	31.9	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: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion:	152	Resp:	161535
Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.9
150	157.7	0.0	350.2

