

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004316.D
 Acq On : 07 Apr 2021 15:41
 Operator : SY/MD
 Sample : M1963-04
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2A

Quant Time: Apr 08 01:01:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

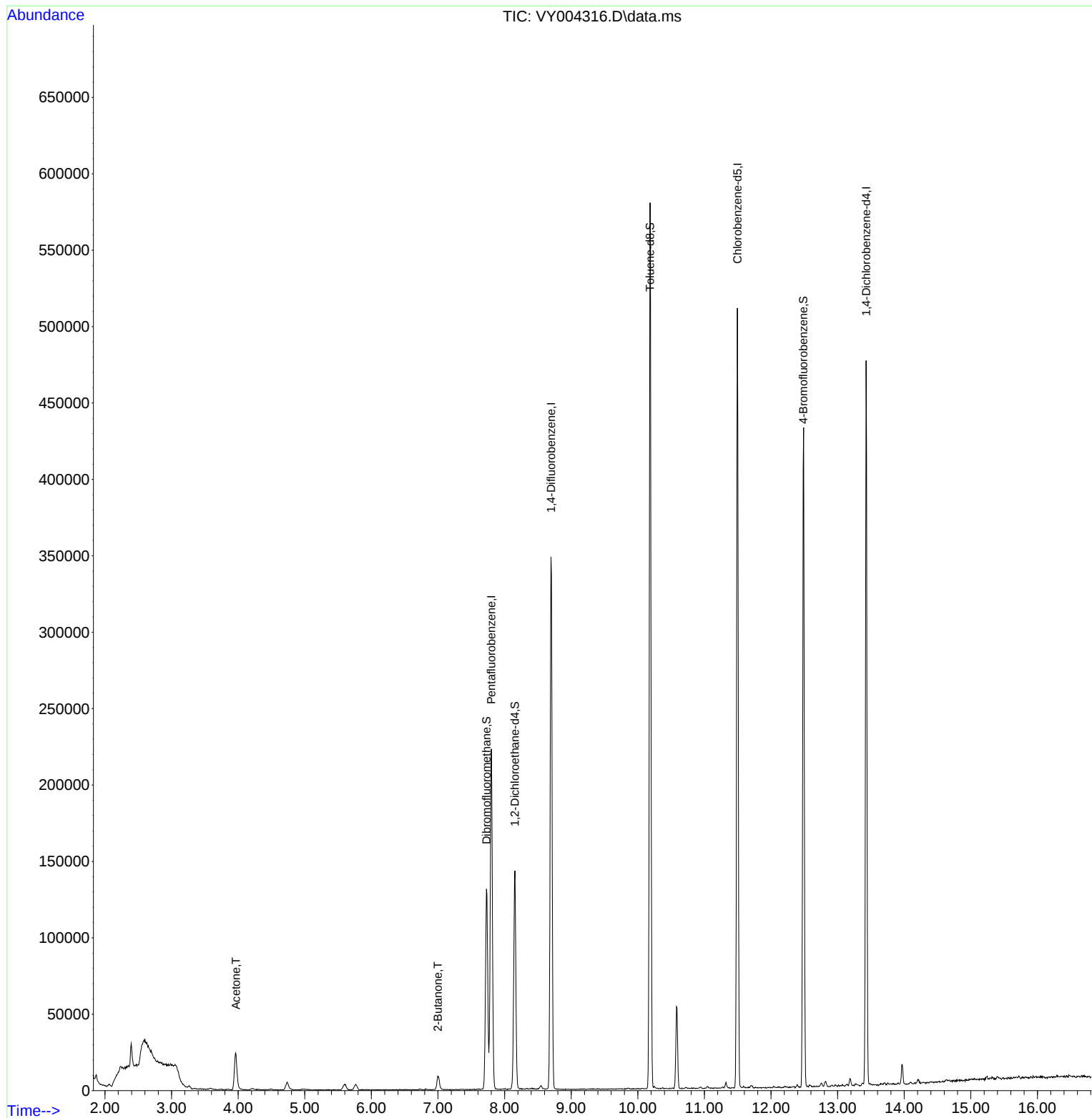
Internal Standards						
1) Pentafluorobenzene	7.801	168	170274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107935	65.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.88%
35) Dibromofluoromethane	7.728	113	91069	55.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.42%
50) Toluene-d8	10.185	98	358115	58.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.48%
62) 4-Bromofluorobenzene	12.483	95	114466	54.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.64%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	42336	124.14	ug/l	96
25) 2-Butanone	6.996	43	15995	28.08	ug/l	97

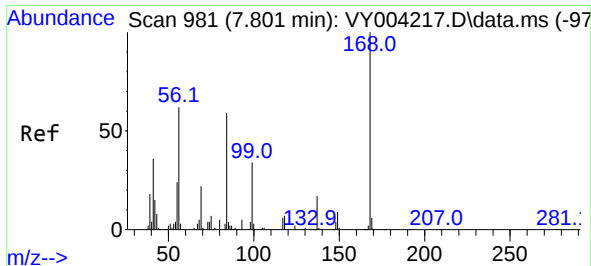
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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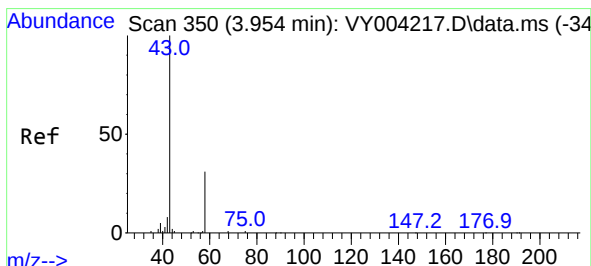
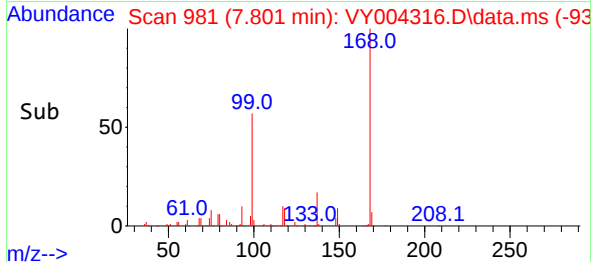
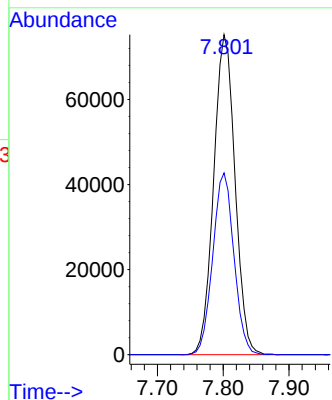
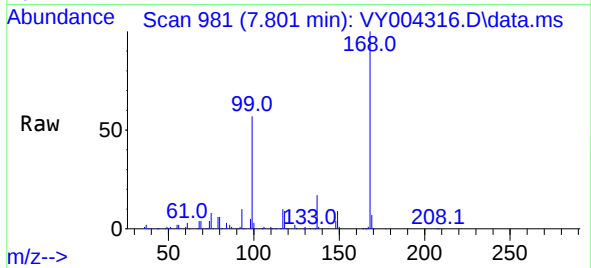




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

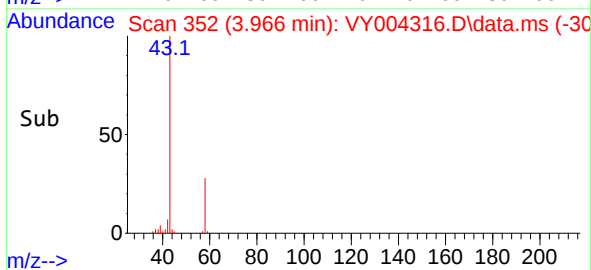
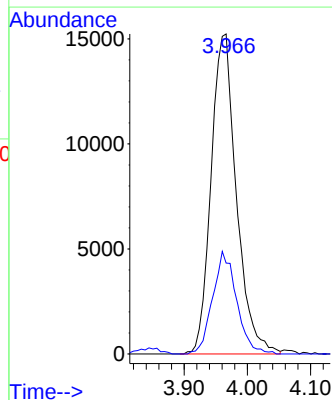
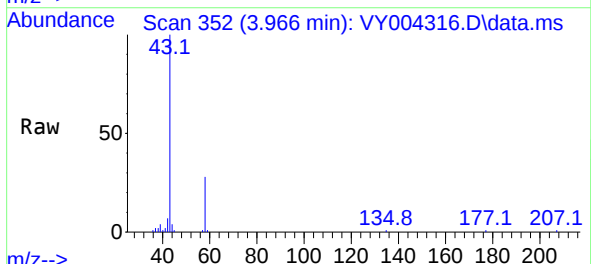
Instrument :
MSVOA_Y
ClientSampleId :
S-2A

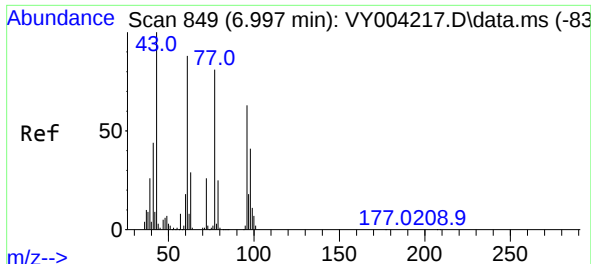
Tgt Ion:168 Resp: 170274
Ion Ratio Lower Upper
168 100
99 56.8 42.6 64.0



#16
Acetone
Concen: 124.14 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion: 43 Resp: 42336
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7

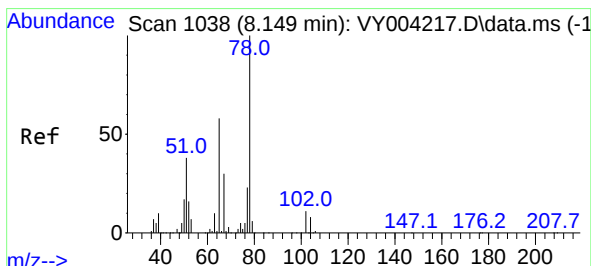
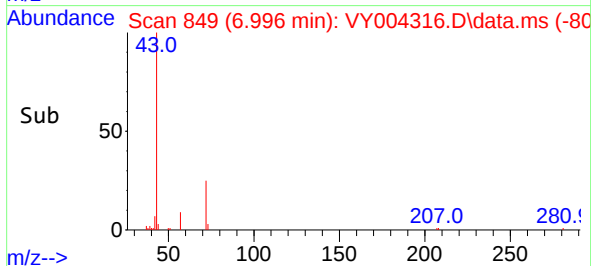
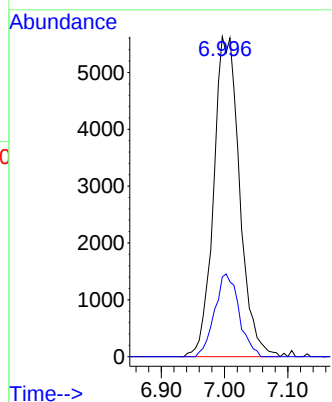
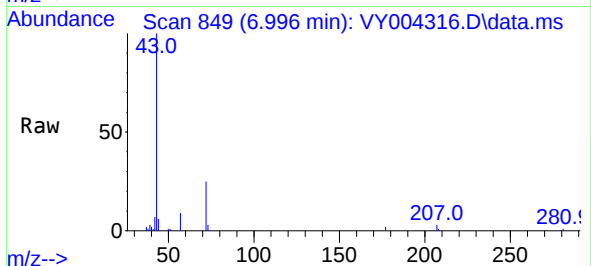




#25
2-Butanone
Concen: 28.08 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

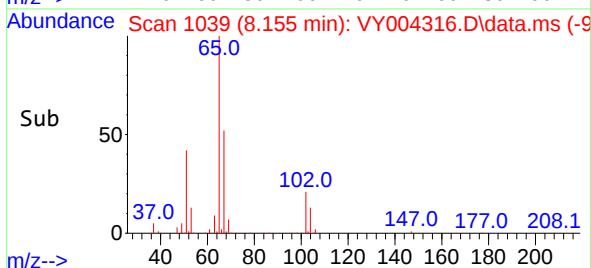
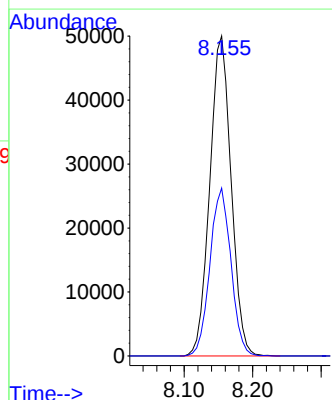
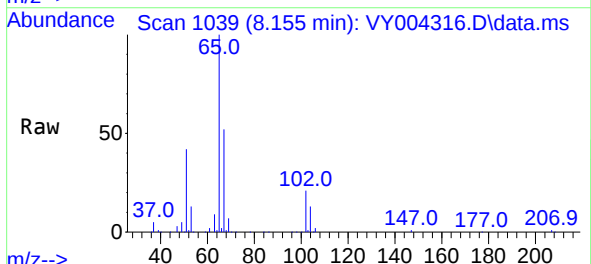
Instrument :
MSVOA_Y
ClientSampleId :
S-2A

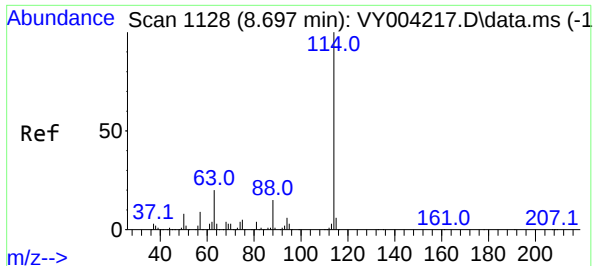
Tgt Ion: 43 Resp: 15995
Ion Ratio Lower Upper
43 100
72 24.9 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 65.94 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion: 65 Resp: 107935
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2

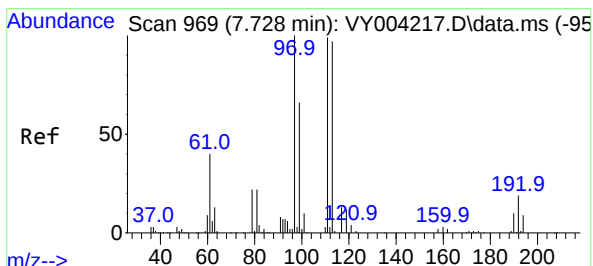
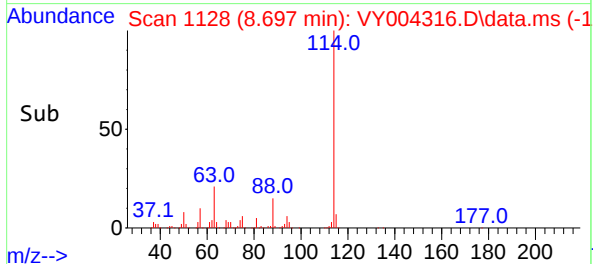
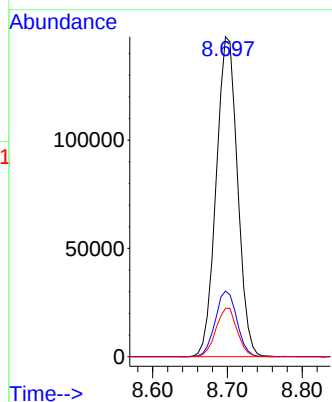
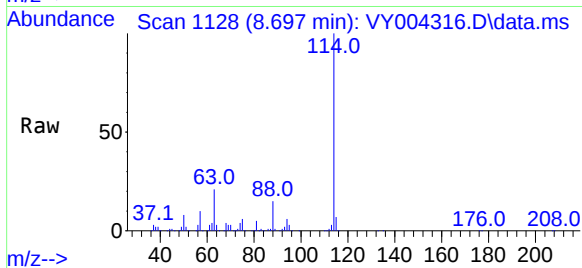




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

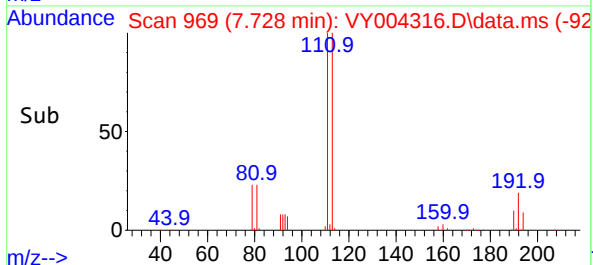
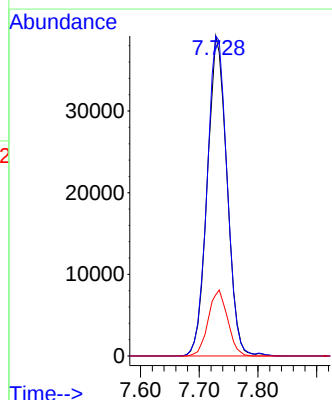
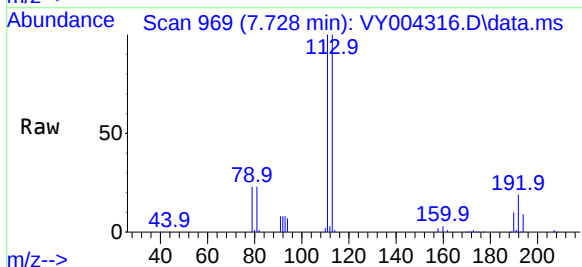
Instrument :
MSVOA_Y
ClientSampleId :
S-2A

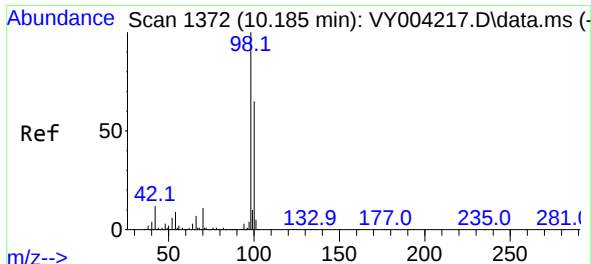
Tgt Ion:	114	Resp:	293390
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.71 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion:	113	Resp:	91069
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	20.2	16.4	24.6

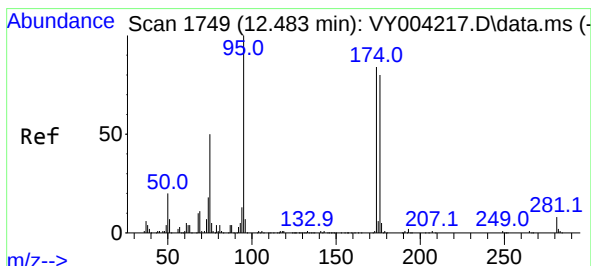
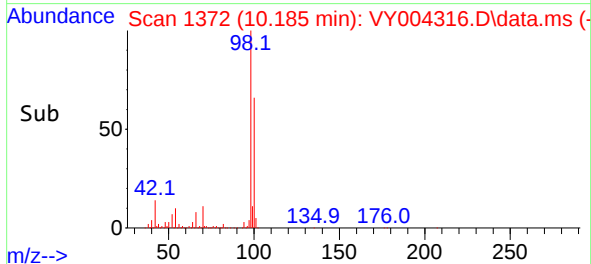
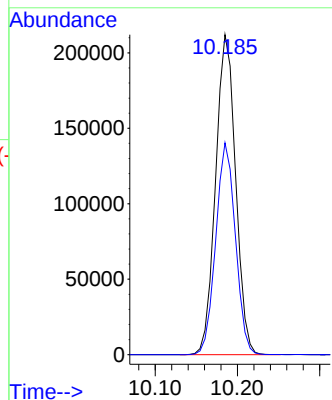
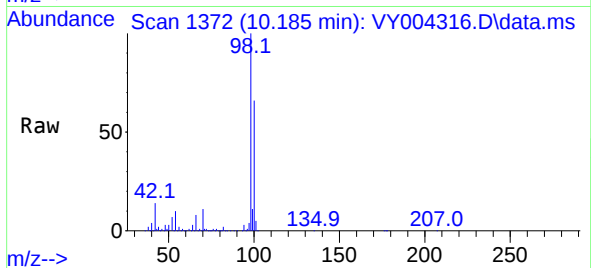




#50
Toluene-d8
Concen: 58.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

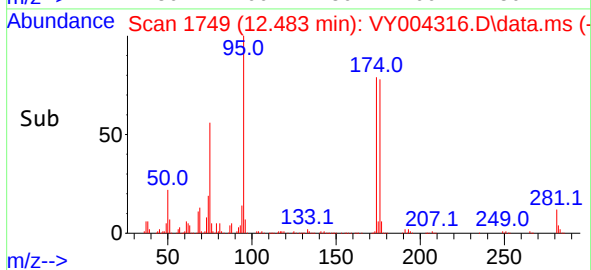
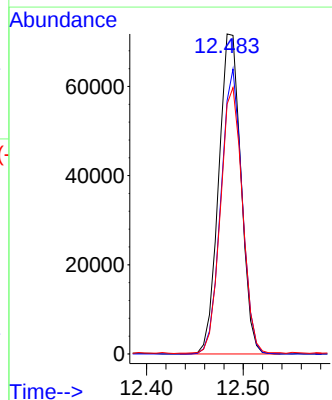
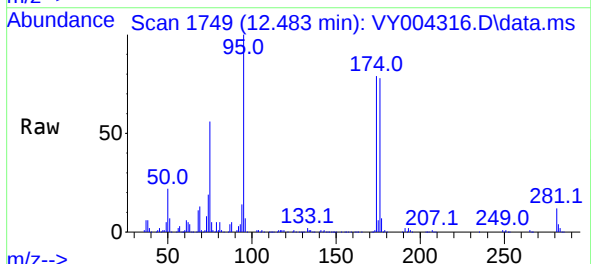
Instrument :
MSVOA_Y
ClientSampled :
S-2A

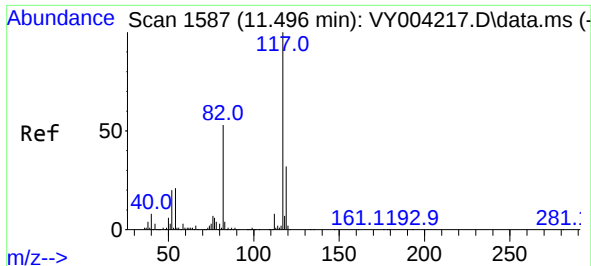
Tgt Ion: 98 Resp: 358115
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion: 95 Resp: 114466
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.4
176 82.0 0.0 165.6

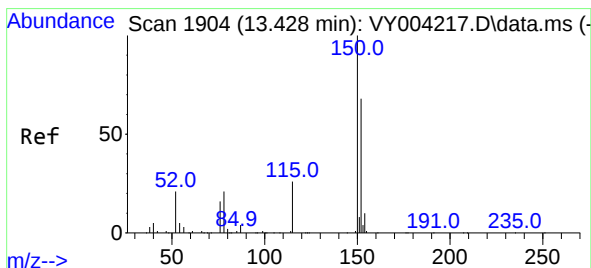
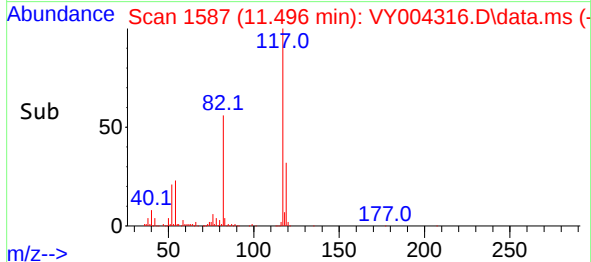
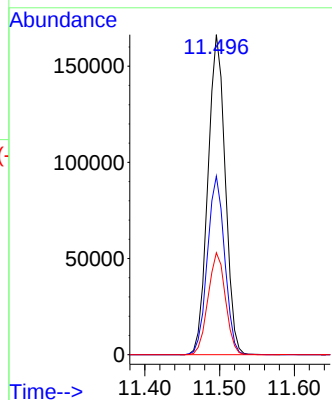
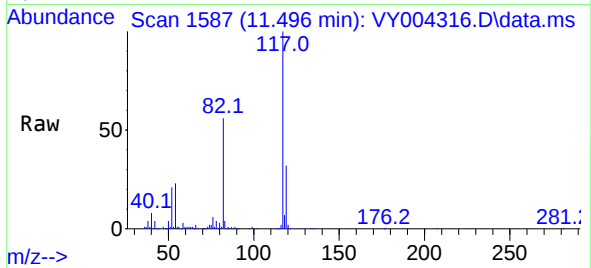




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Instrument :
MSVOA_Y
ClientSampled :
S-2A

Tgt Ion:117 Resp: 267342
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004316.D
Acq: 07 Apr 2021 15:41

Tgt Ion:152 Resp: 113123
Ion Ratio Lower Upper
152 100
115 58.2 29.0 87.1
150 158.0 0.0 347.4

