

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004283.D
 Acq On : 05 Apr 2021 14:44
 Operator : SY/MD
 Sample : M1932-01
 Misc : 5.73g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Apr 05 16:22:01 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)

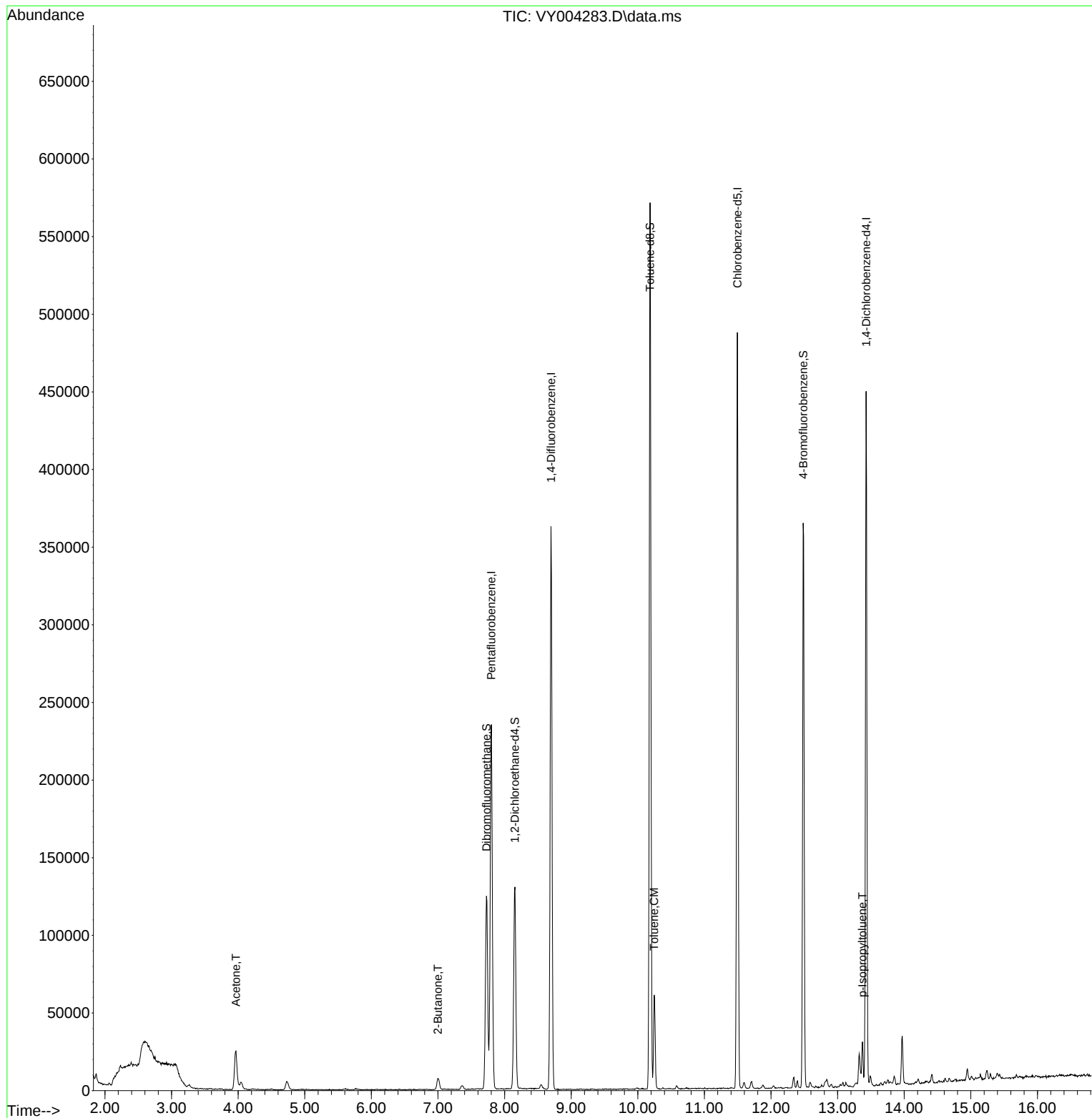
Internal Standards						
1) Pentafluorobenzene	7.801	168	180182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	256150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	100933	58.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.54%
35) Dibromofluoromethane	7.728	113	86823	52.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.20%
50) Toluene-d8	10.185	98	353557	56.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.90%
62) 4-Bromofluorobenzene	12.483	95	109838	51.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.24%
Target Compounds						
16) Acetone	3.966	43	44961	124.59	ug/l	97
25) 2-Butanone	6.996	43	13442	22.30	ug/l #	86
52) Toluene	10.246	92	23801	4.83	ug/l	98
86) p-Isopropyltoluene	13.373	119	14282	2.01	ug/l	99

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

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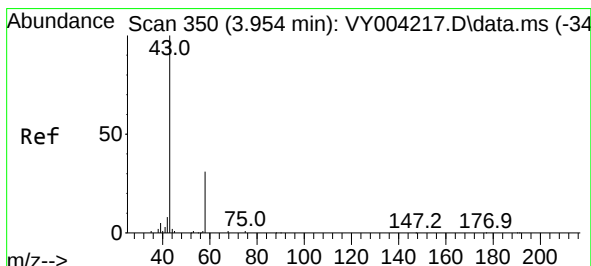
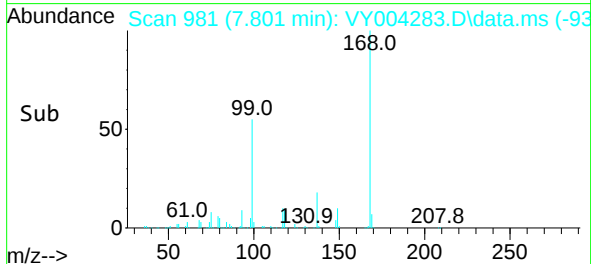
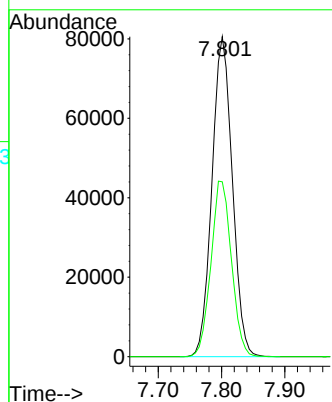
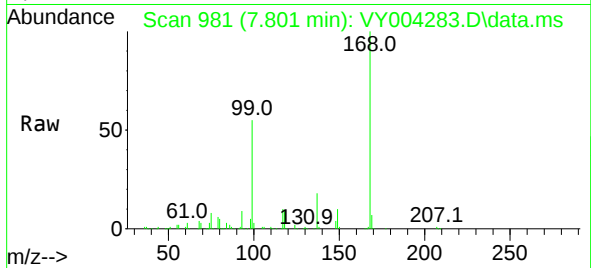




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

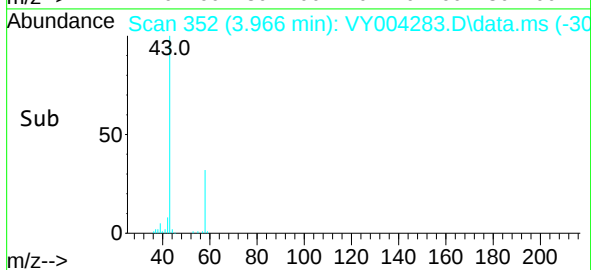
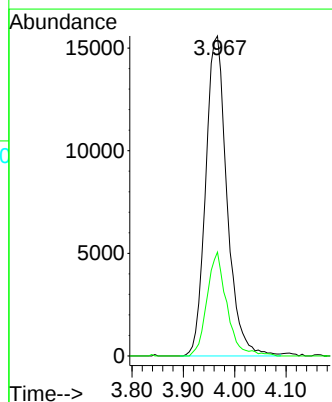
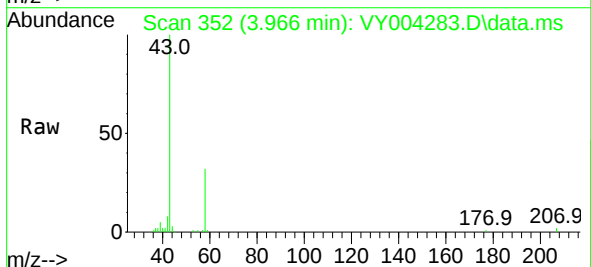
Instrument :
MSVOA_Y
ClientSampled :
TS-1

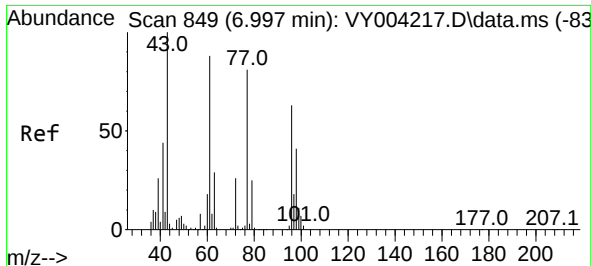
Tgt Ion:168 Resp: 180182
Ion Ratio Lower Upper
168 100
99 54.6 42.6 64.0



#16
Acetone
Concen: 124.59 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 43 Resp: 44961
Ion Ratio Lower Upper
43 100
58 32.5 24.5 36.7





#25

2-Butanone

Concen: 22.30 ug/l

RT: 6.996 min Scan# 849

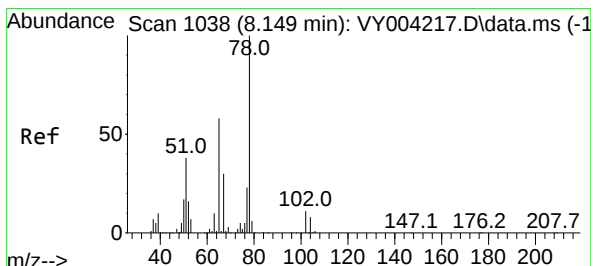
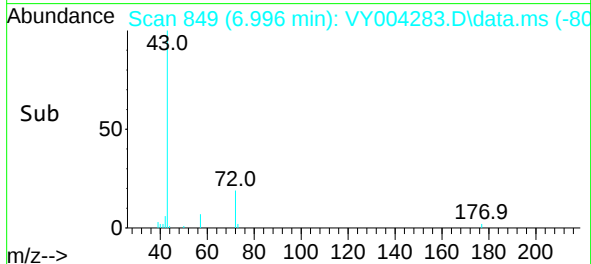
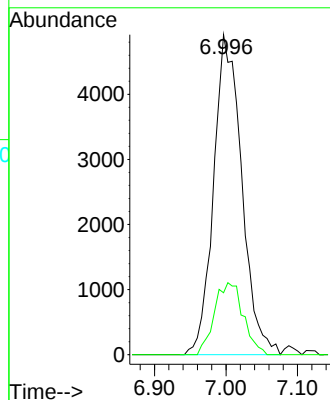
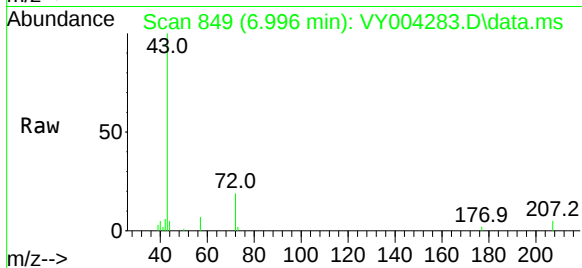
Delta R.T. -0.000 min

Lab File: VY004283.D

Acq: 05 Apr 2021 14:44

Instrument :
MSVOA_Y
ClientSampled :
TS-1

Tgt Ion: 43 Resp: 13442
Ion Ratio Lower Upper
43 100
72 19.3 21.0 31.6#



#33

1,2-Dichloroethane-d4

Concen: 58.27 ug/l

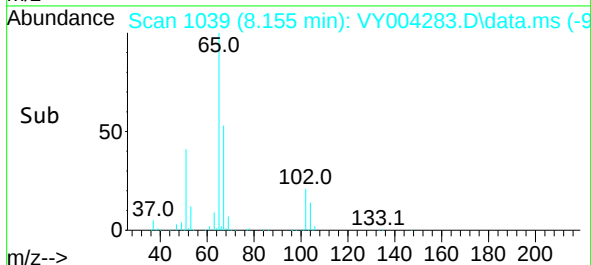
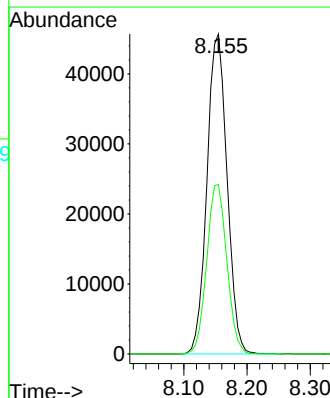
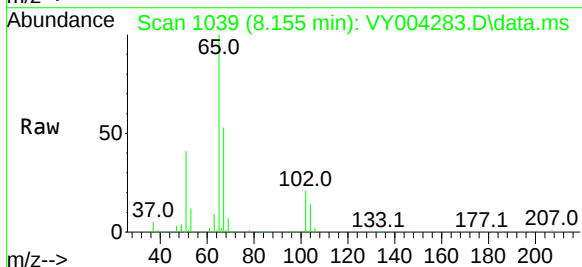
RT: 8.155 min Scan# 1039

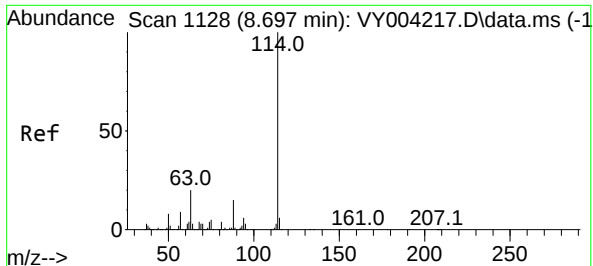
Delta R.T. 0.006 min

Lab File: VY004283.D

Acq: 05 Apr 2021 14:44

Tgt Ion: 65 Resp: 100933
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.2

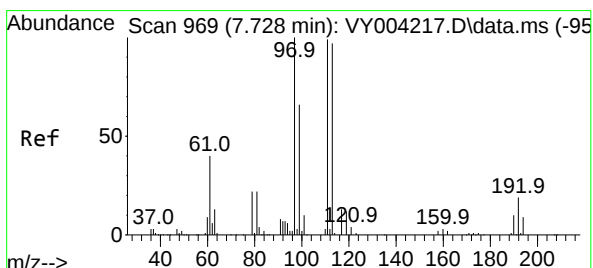
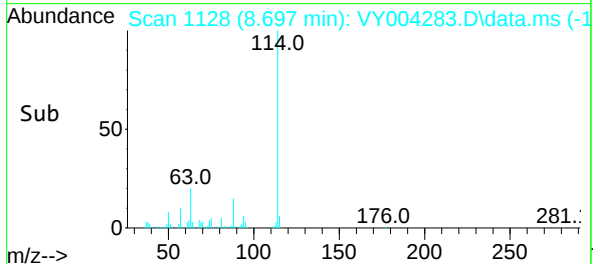
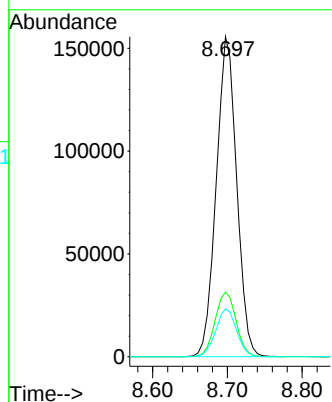
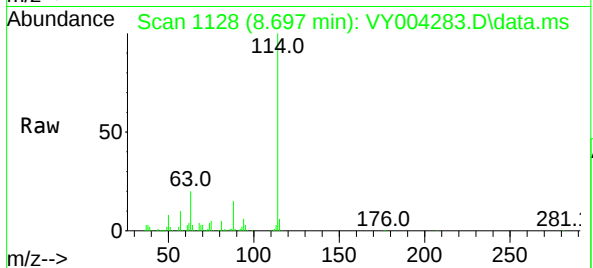




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

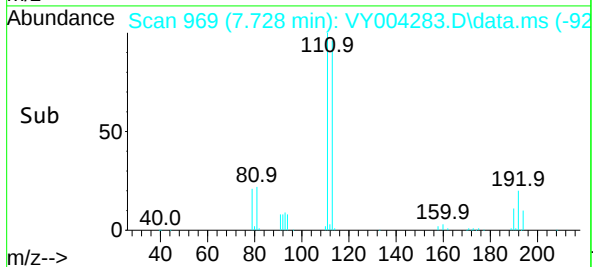
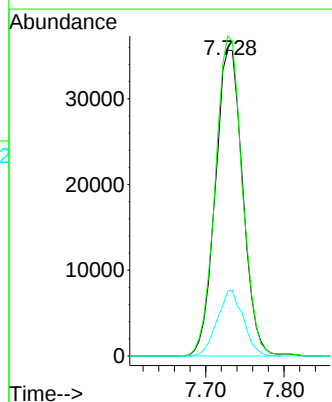
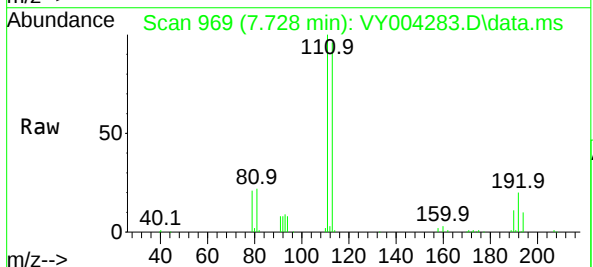
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

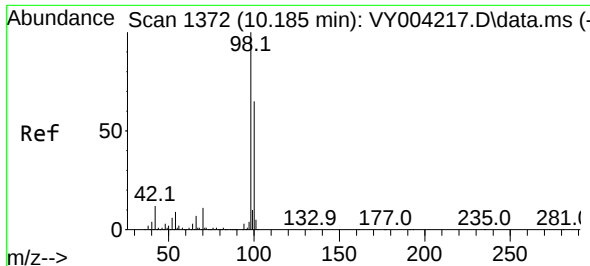
Tgt Ion:114 Resp: 296227
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.4
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.60 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion:113 Resp: 86823
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.4 16.4 24.6

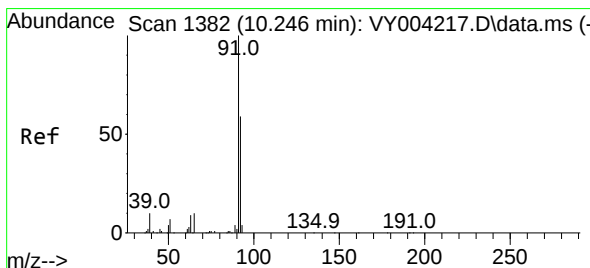
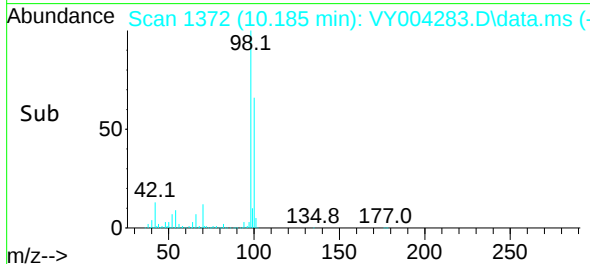
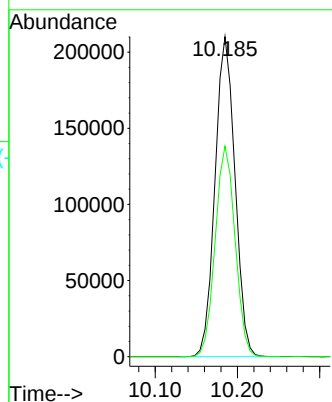
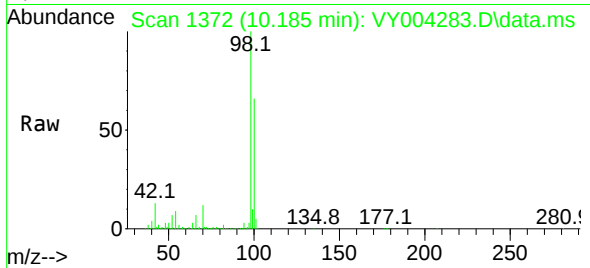




#50
Toluene-d8
Concen: 56.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

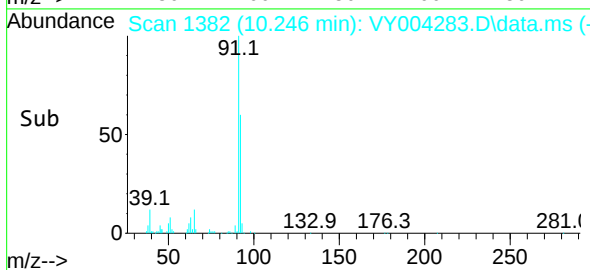
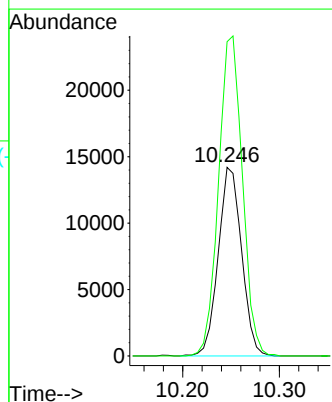
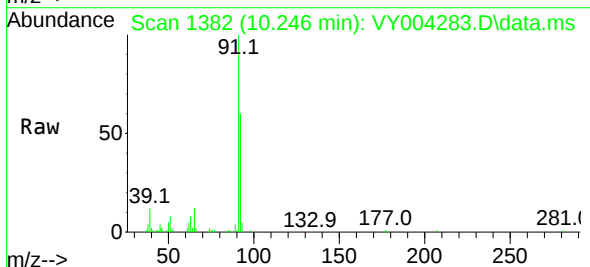
Instrument :
MSVOA_Y
ClientSampled :
TS-1

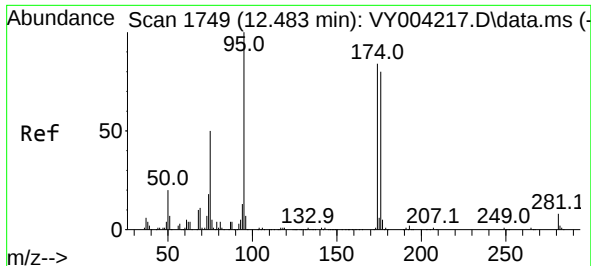
Tgt Ion: 98 Resp: 353557
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#52
Toluene
Concen: 4.83 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 92 Resp: 23801
Ion Ratio Lower Upper
92 100
91 173.1 136.0 204.0

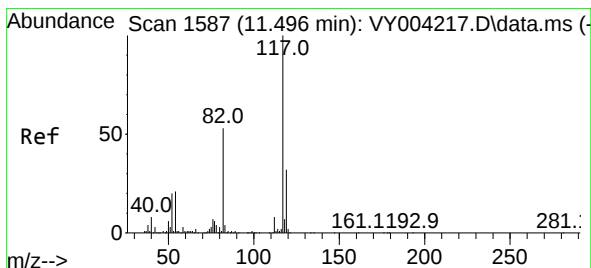
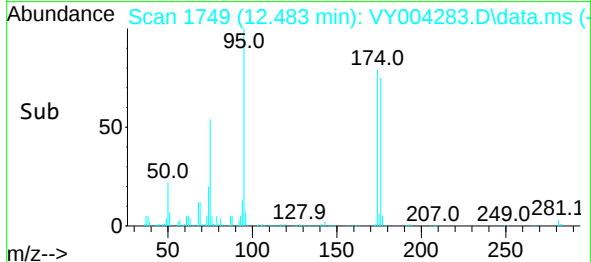
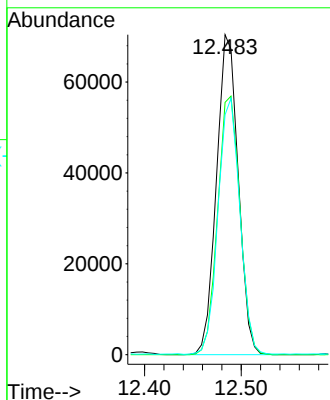
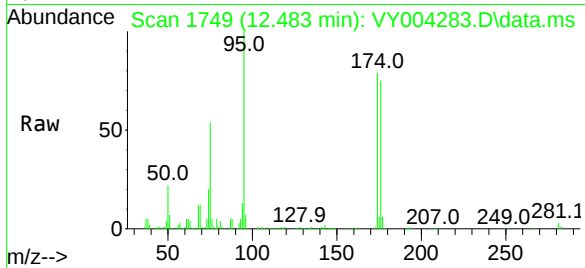




#62
4-Bromofluorobenzene
Concen: 51.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

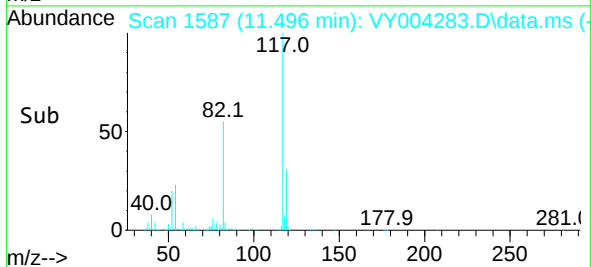
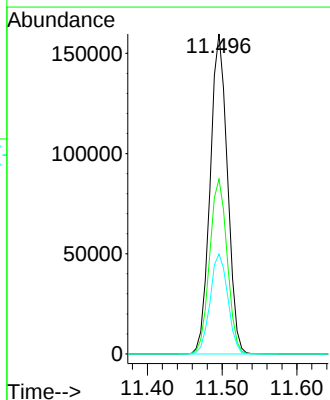
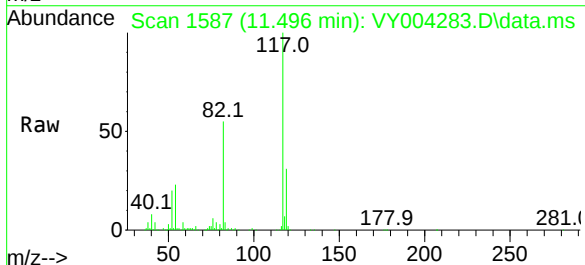
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

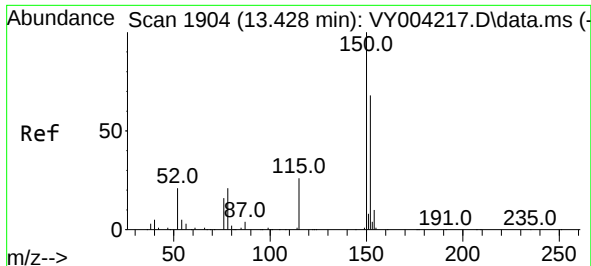
Tgt Ion: 95 Resp: 109838
Ion Ratio Lower Upper
95 100
174 82.8 0.0 171.4
176 80.1 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion: 117 Resp: 256150
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 31.2 25.7 38.5

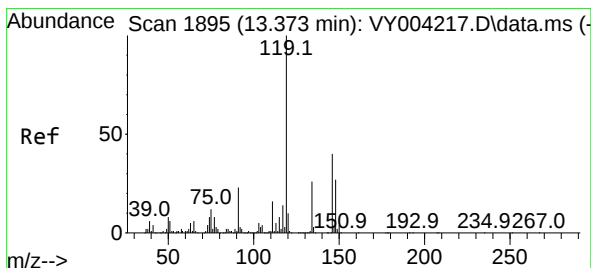
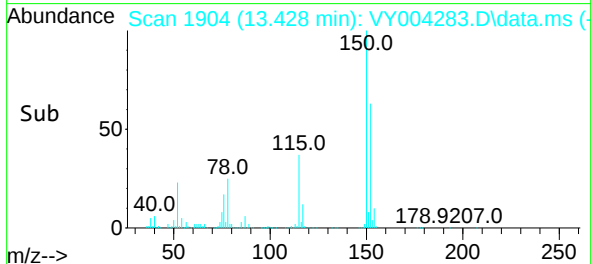
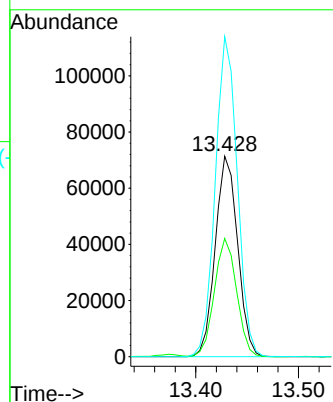
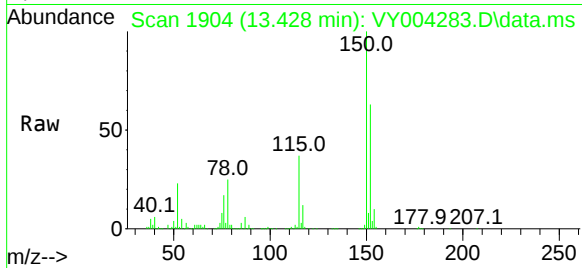




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Instrument :
MSVOA_Y
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Tgt Ion:152 Resp: 107861
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.1
150 157.0 0.0 347.4



#86
p-Isopropyltoluene
Concen: 2.01 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004283.D
Acq: 05 Apr 2021 14:44

Tgt Ion:119 Resp: 14282
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.9
91 24.6 12.0 36.0

