

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004371.D
 Acq On : 09 Apr 2021 20:25
 Operator : SY/MD
 Sample : M1998-01
 Misc : 3.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3A

Quant Time: Apr 10 02:07:09 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)

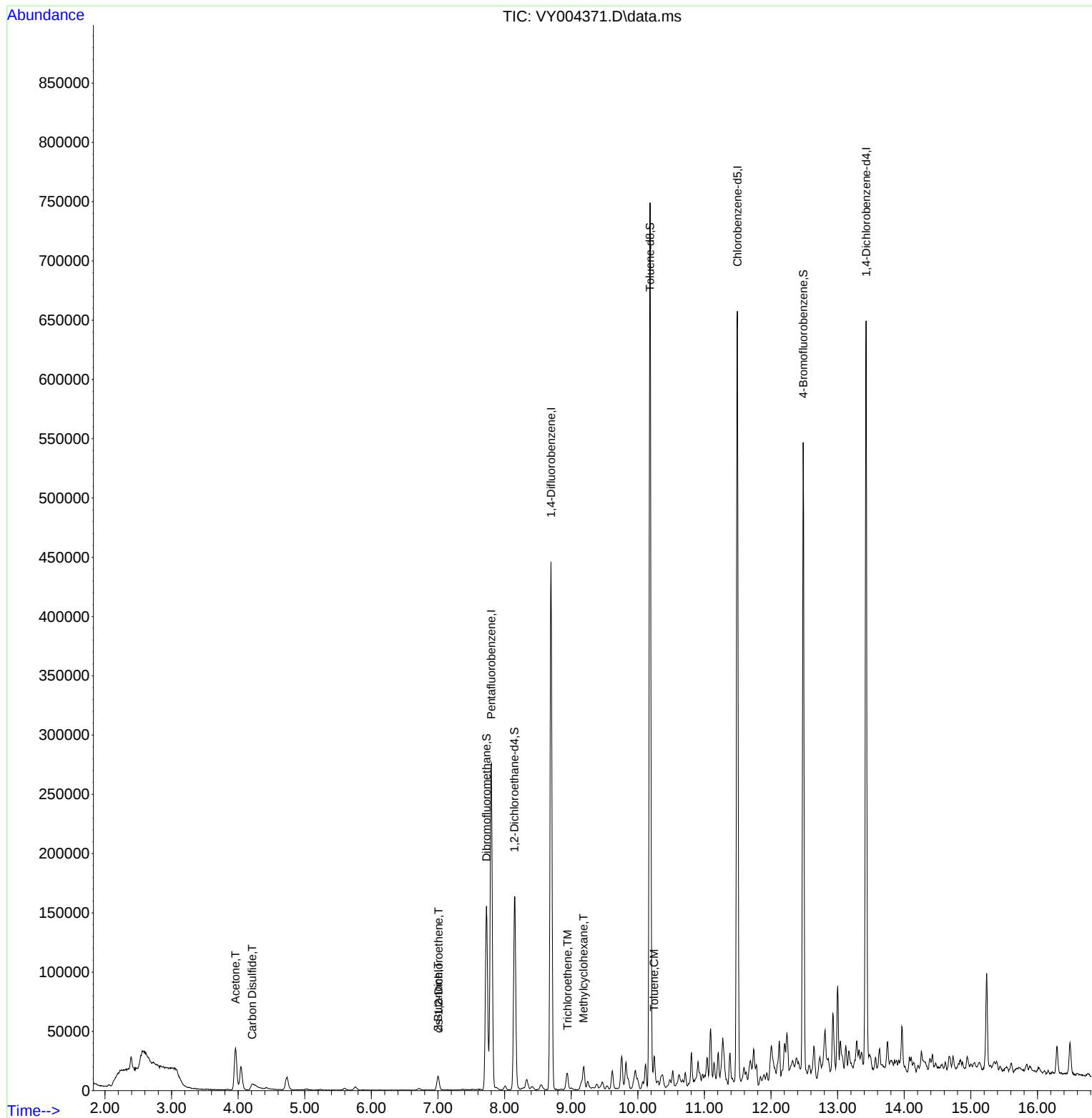
Internal Standards						
1) Pentafluorobenzene	7.801	168	210537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	338973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	127910	63.20	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 126.40%		
35) Dibromofluoromethane	7.728	113	107191	52.21	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 104.42%		
50) Toluene-d8	10.185	98	452390	58.58	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	= 117.16%		
62) 4-Bromofluorobenzene	12.483	95	154359	58.32	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	= 116.64%		
Target Compounds						
						Qvalue
16) Acetone	3.960	43	61280	145.33	ug/l	97
17) Carbon Disulfide	4.210	76	7553	1.51	ug/l	97
25) 2-Butanone	7.002	43	11986	17.02	ug/l #	89
27) cis-1,2-Dichloroethene	7.008	96	3188	1.32	ug/l	86
39) Methylcyclohexane	9.185	83	5804	1.39	ug/l #	85
44) Trichloroethene	8.947	130	3125	1.03	ug/l	96
52) Toluene	10.246	92	10538	1.72	ug/l	99

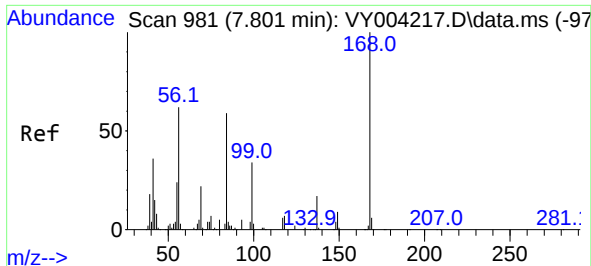
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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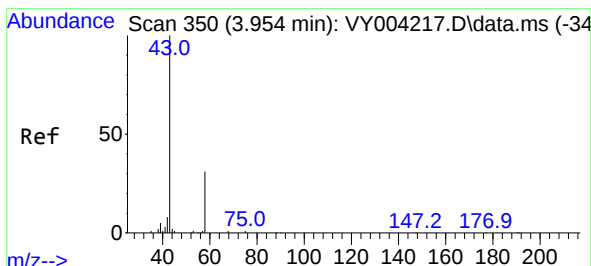
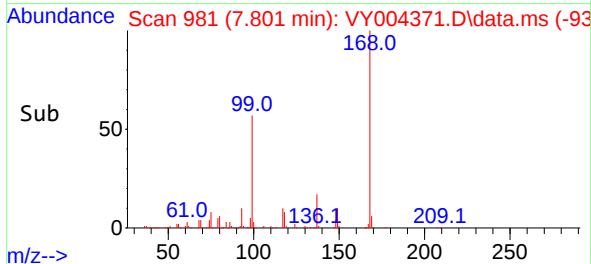
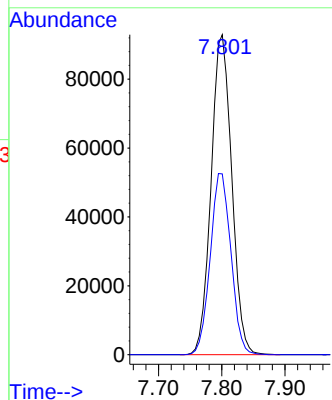
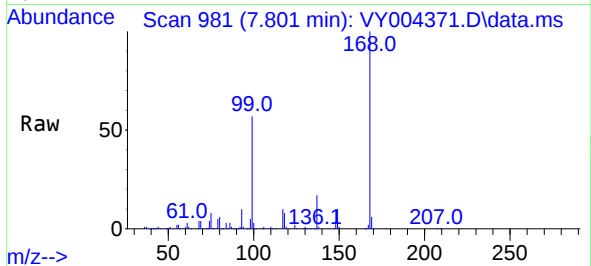




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

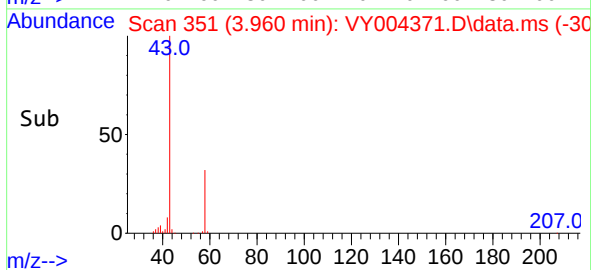
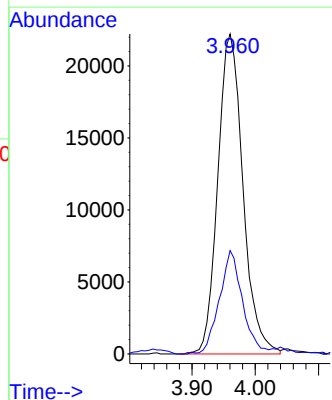
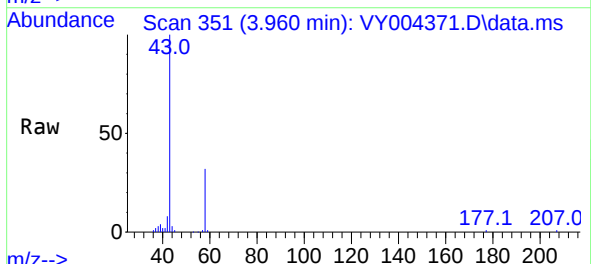
Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

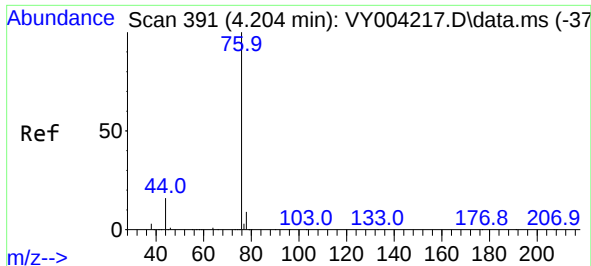
Tgt Ion:168 Resp: 210537
Ion Ratio Lower Upper
168 100
99 56.5 42.6 64.0



#16
Acetone
Concen: 145.33 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

Tgt Ion: 43 Resp: 61280
Ion Ratio Lower Upper
43 100
58 32.3 24.5 36.7

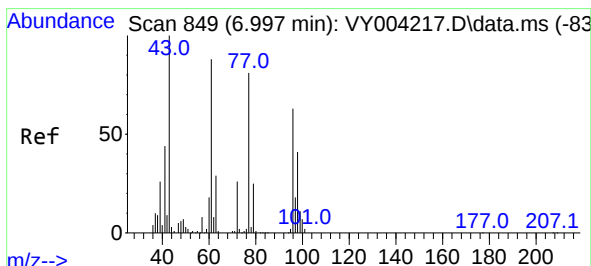
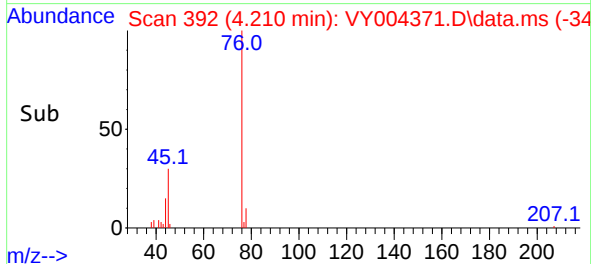
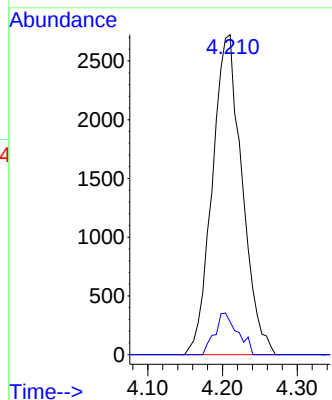
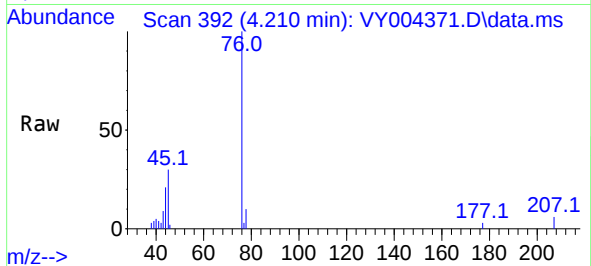




#17
Carbon Disulfide
Concen: 1.51 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

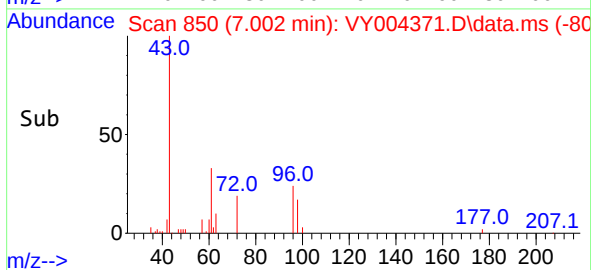
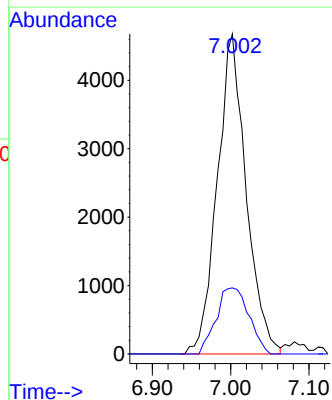
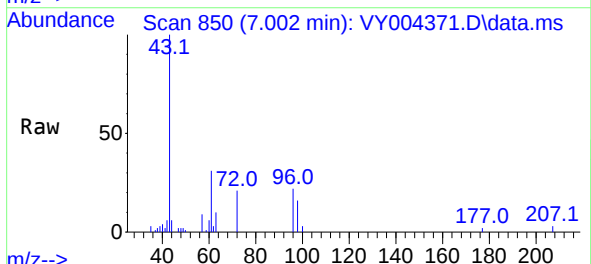
Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

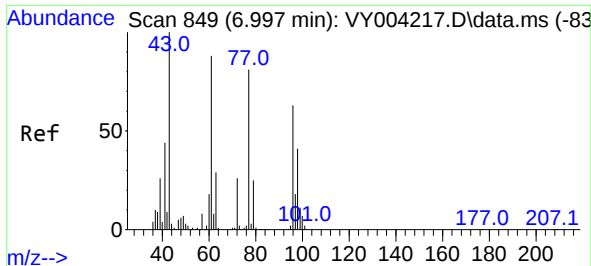
Tgt Ion: 76 Resp: 7553
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#25
2-Butanone
Concen: 17.02 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

Tgt Ion: 43 Resp: 11986
Ion Ratio Lower Upper
43 100
72 20.7 21.0 31.6#

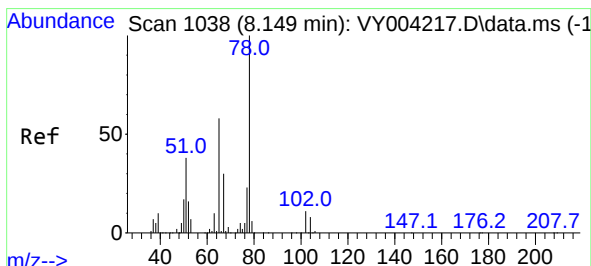
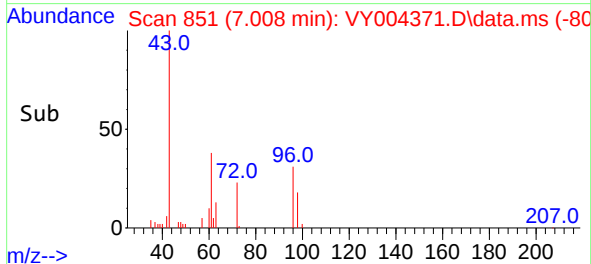
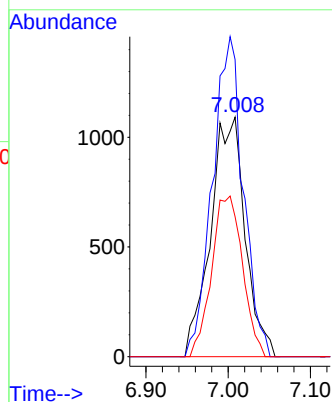
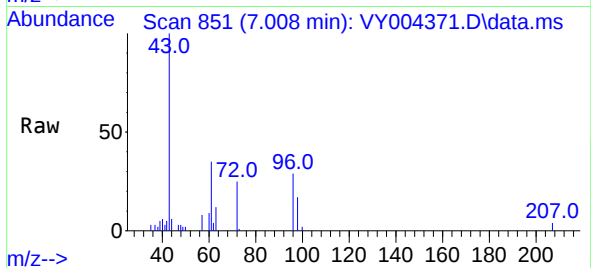




#27
cis-1,2-Dichloroethene
Concen: 1.32 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

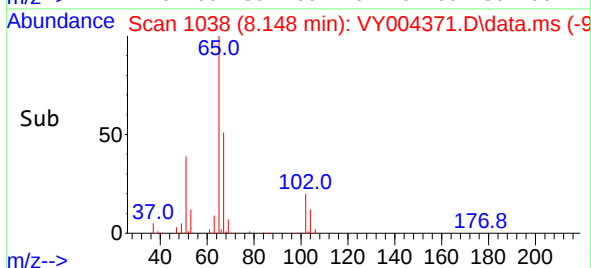
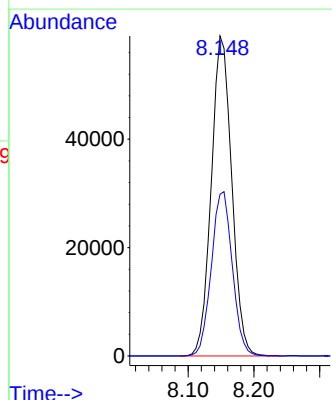
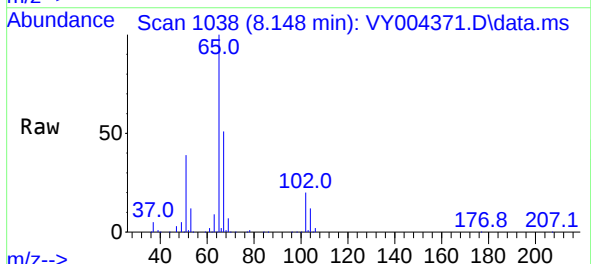
Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

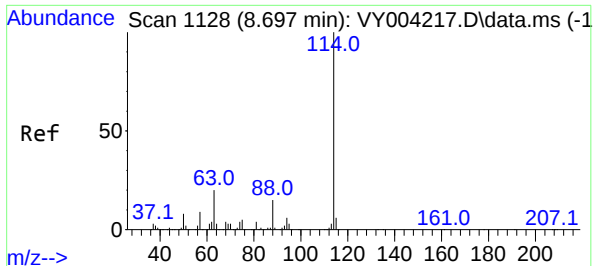
Tgt Ion: 96 Resp: 3188
Ion Ratio Lower Upper
96 100
61 119.1 0.0 283.2
98 60.0 0.0 128.2



#33
1,2-Dichloroethane-d4
Concen: 63.20 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

Tgt Ion: 65 Resp: 127910
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2



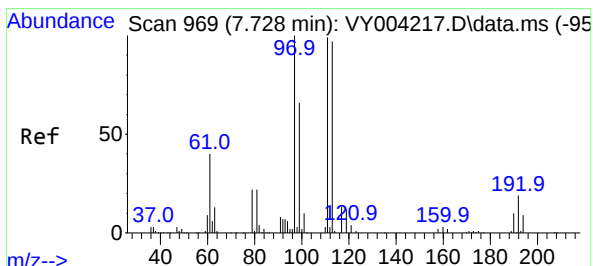
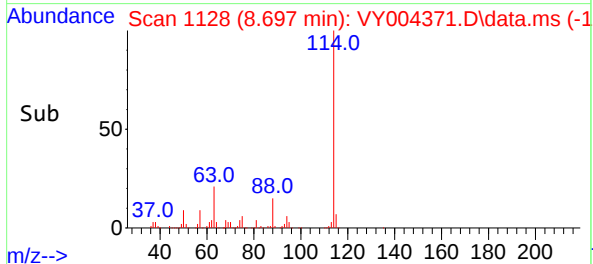
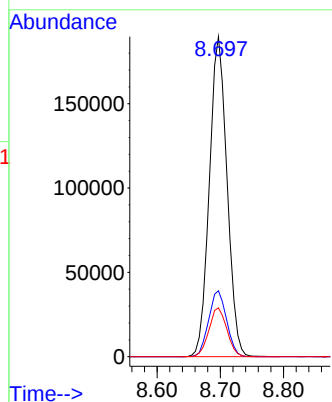
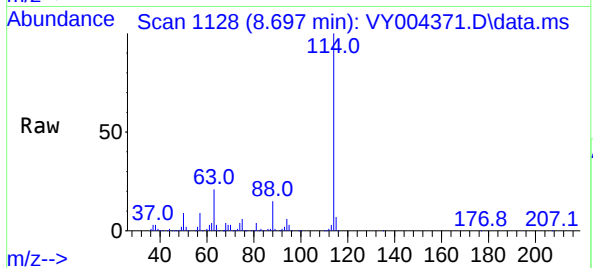


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

Instrument :
MSVOA_Y
ClientSampled :
SB-3A

Tgt Ion:114 Resp: 368489

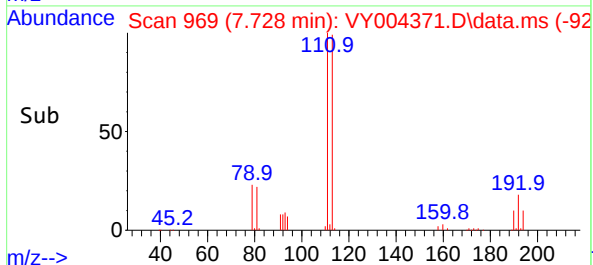
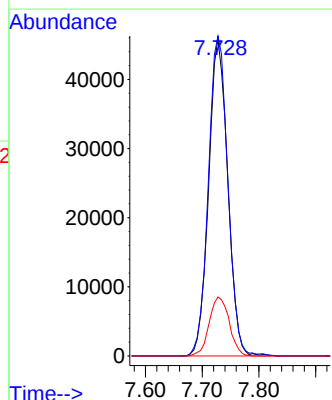
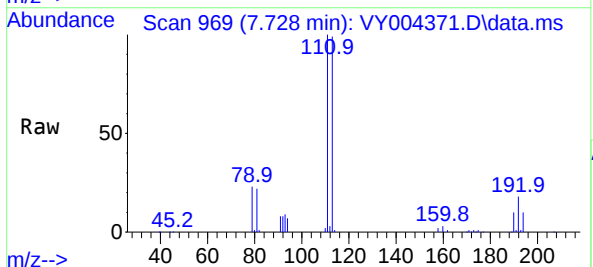
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.4
88	15.3	0.0	30.8

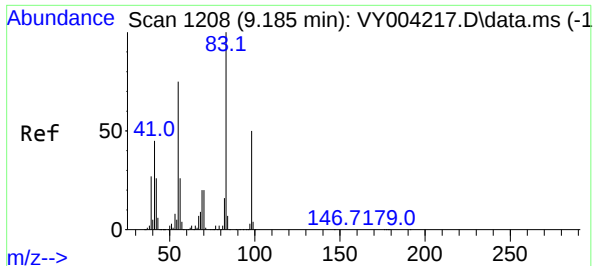


#35
Dibromofluoromethane
Concen: 52.21 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

Tgt Ion:113 Resp: 107191

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	19.5	16.4	24.6





#39

Methylcyclohexane

Concen: 1.39 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY004371.D

Acq: 09 Apr 2021 20:25

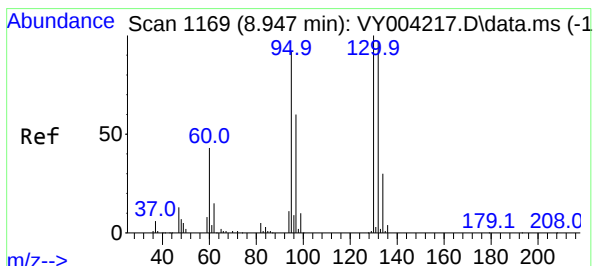
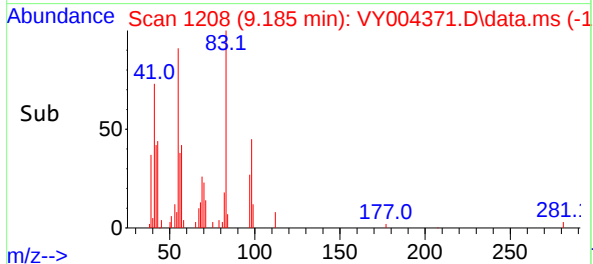
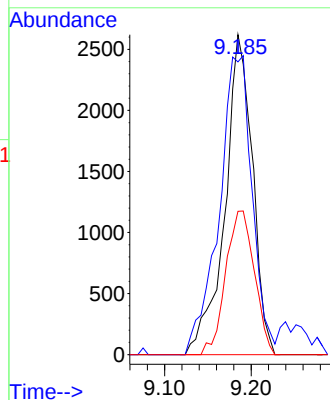
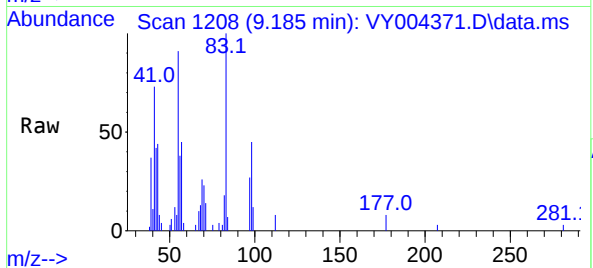
Instrument :

MSVOA_Y

ClientSampleId :

SB-3A

Tgt Ion:	83	Resp:	5804
Ion	Ratio	Lower	Upper
83	100		
55	91.5	60.0	90.0#
98	44.8	40.2	60.2



#44

Trichloroethene

Concen: 1.03 ug/l

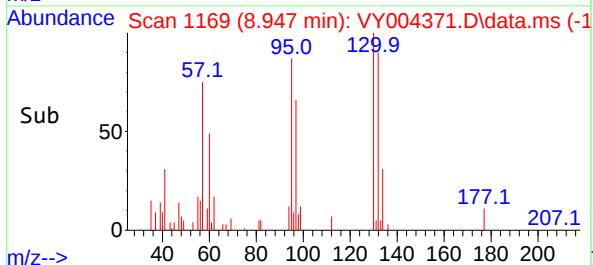
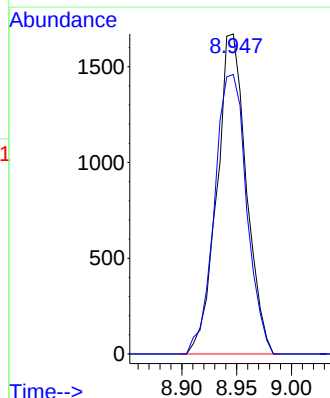
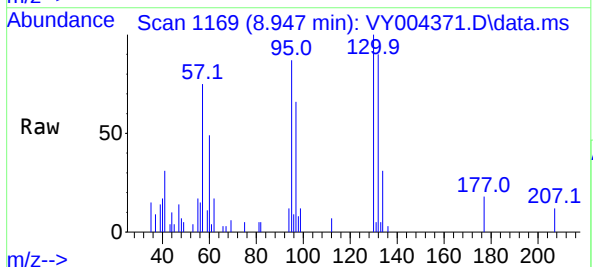
RT: 8.947 min Scan# 1169

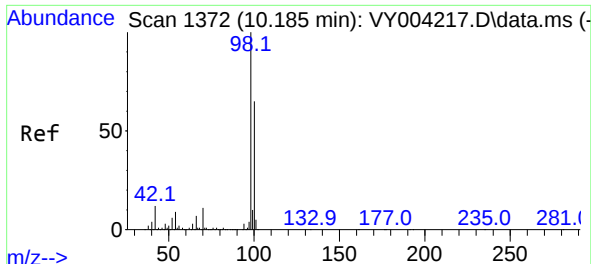
Delta R.T. -0.000 min

Lab File: VY004371.D

Acq: 09 Apr 2021 20:25

Tgt Ion:	130	Resp:	3125
Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	183.0

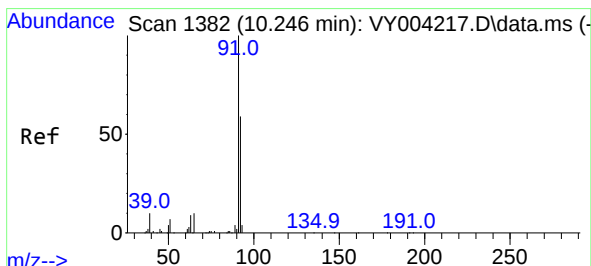
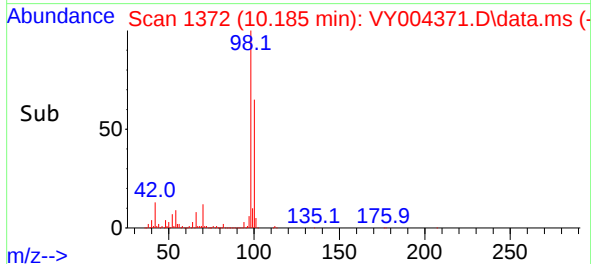
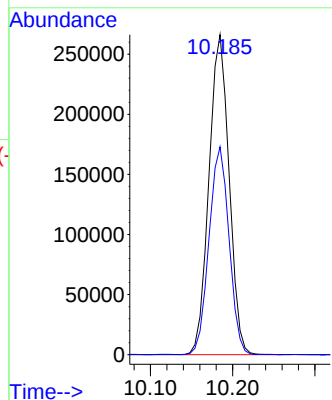
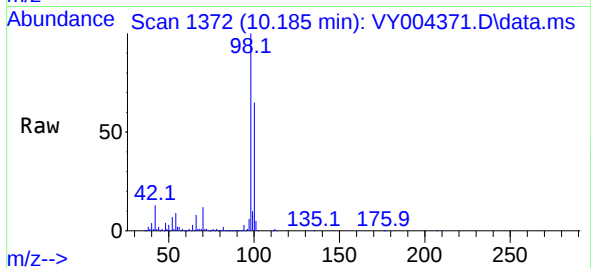




#50
Toluene-d8
Concen: 58.58 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

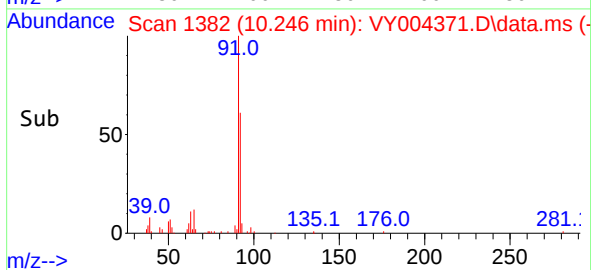
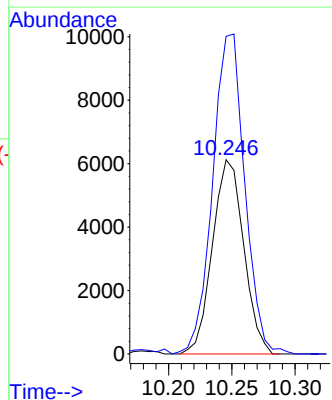
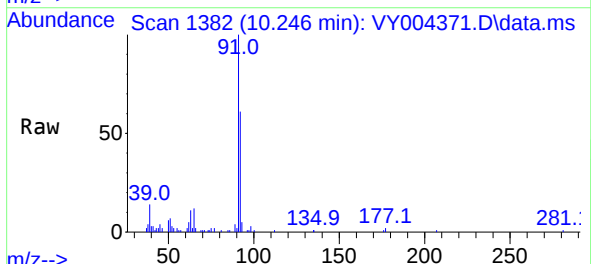
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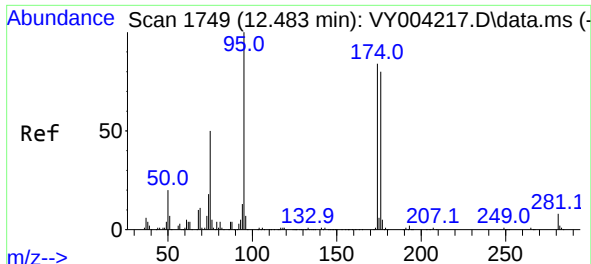
Tgt Ion: 98 Resp: 452390
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#52
Toluene
Concen: 1.72 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

Tgt Ion: 92 Resp: 10538
Ion Ratio Lower Upper
92 100
91 168.8 136.0 204.0

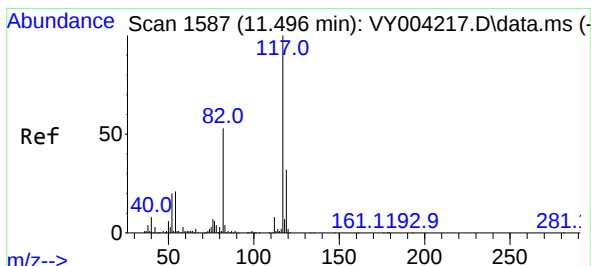
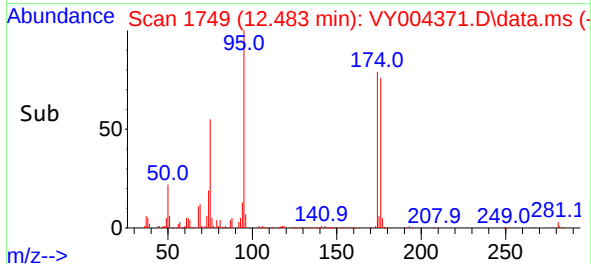
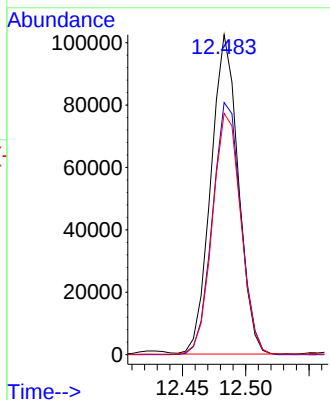
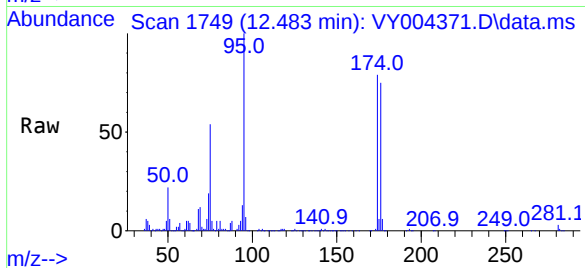




#62
4-Bromofluorobenzene
Concen: 58.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

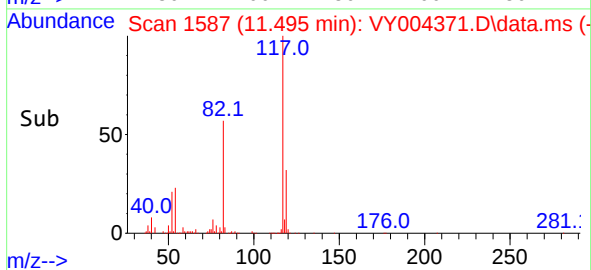
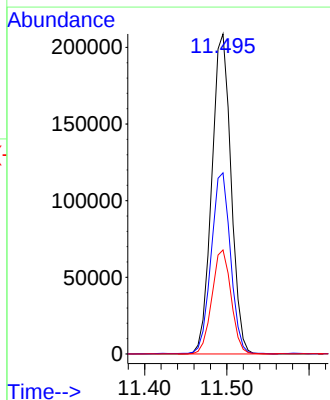
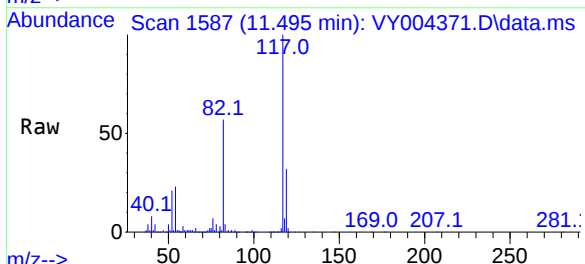
Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

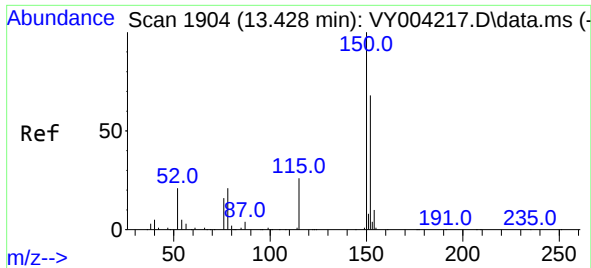
Tgt Ion: 95 Resp: 154359
Ion Ratio Lower Upper
95 100
174 81.7 0.0 171.4
176 78.2 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004371.D
Acq: 09 Apr 2021 20:25

Tgt Ion: 117 Resp: 338973
Ion Ratio Lower Upper
117 100
82 56.5 42.7 64.1
119 32.4 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: VY004371.D
 Acq: 09 Apr 2021 20:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3A

Tgt Ion:152 Resp: 154373

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.0	87.1
150	156.7	0.0	347.4

