

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004659.D
 Acq On : 29 Apr 2021 15:15
 Operator : SY/MD
 Sample : M2202-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 290

Quant Time: Apr 30 04:33:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

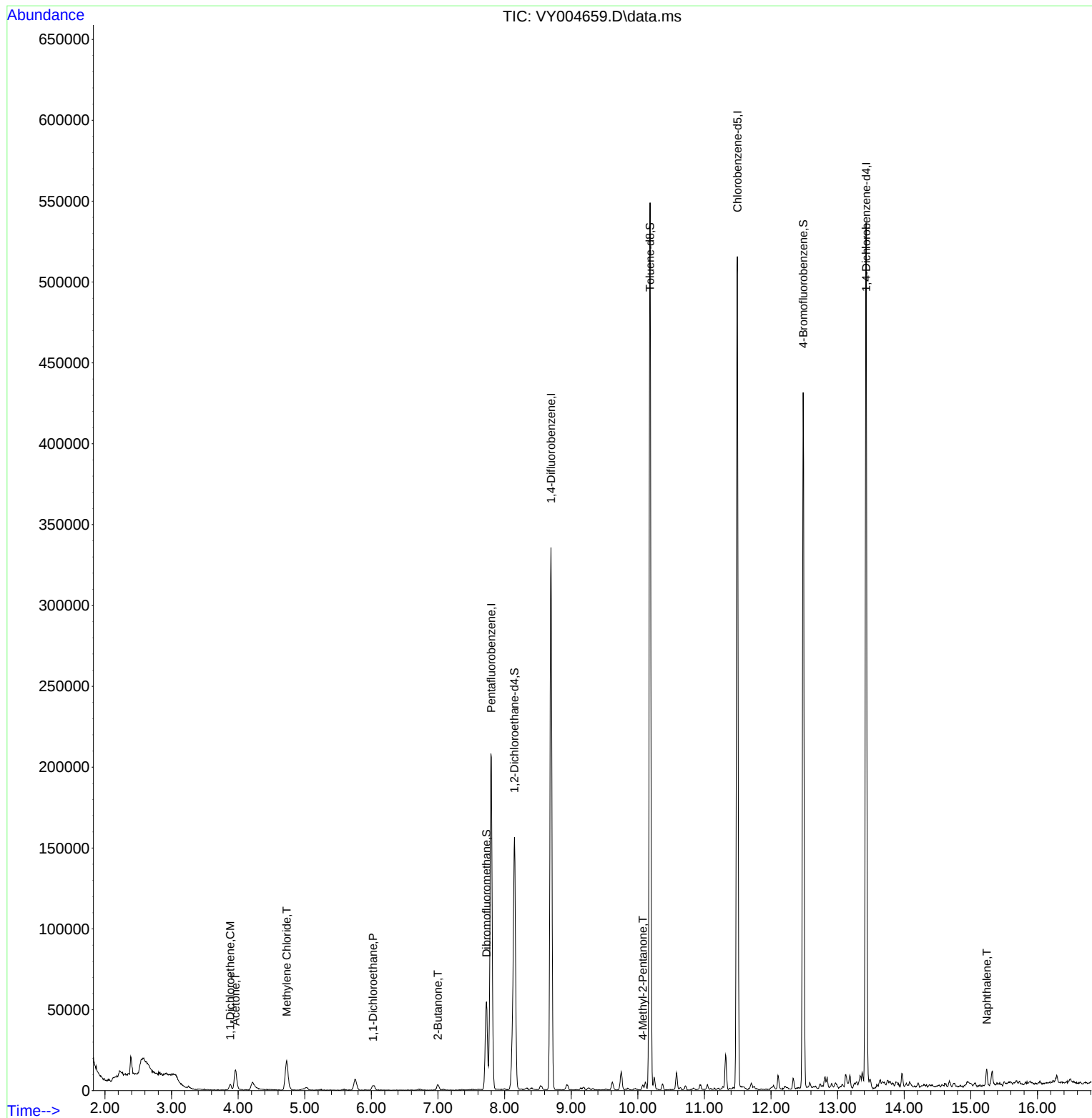
Internal Standards						
1) Pentafluorobenzene	7.801	168	153488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110548	64.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.64%
35) Dibromofluoromethane	7.728	113	36515	24.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.24%#
50) Toluene-d8	10.185	98	339692	52.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.50%
62) 4-Bromofluorobenzene	12.483	95	121298	55.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.02%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.881	96	2025	1.36	ug/l	91
16) Acetone	3.960	43	22253	45.77	ug/l	99
20) Methylene Chloride	4.728	84	12248	7.44	ug/l	94
24) 1,1-Dichloroethane	6.027	63	5142	1.67	ug/l #	90
25) 2-Butanone	6.996	43	4935	7.60	ug/l #	89
51) 4-Methyl-2-Pentanone	10.075	43	2361	1.39	ug/l	94
95) Naphthalene	15.239	128	7660	1.47	ug/l	97

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

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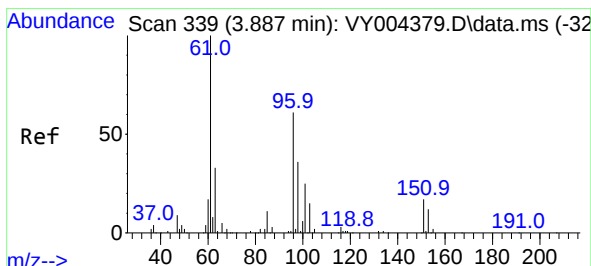
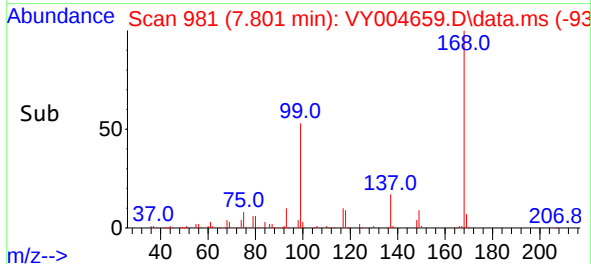
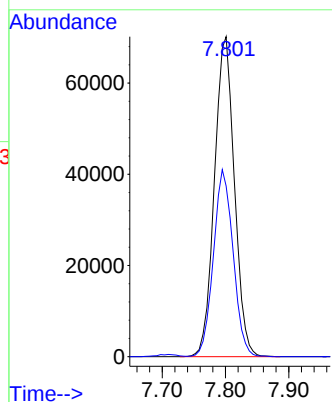
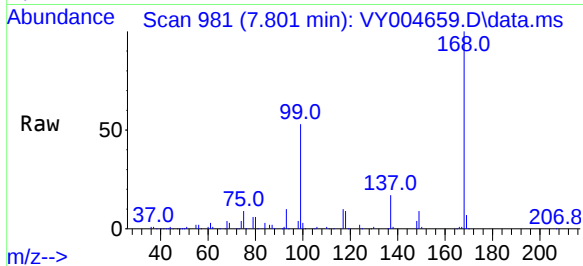




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

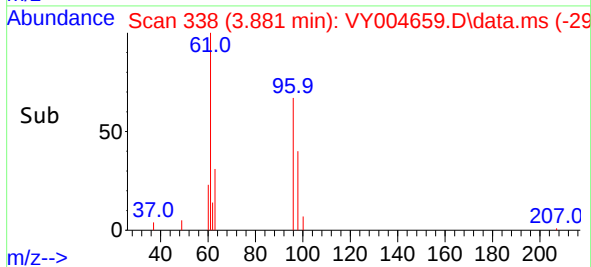
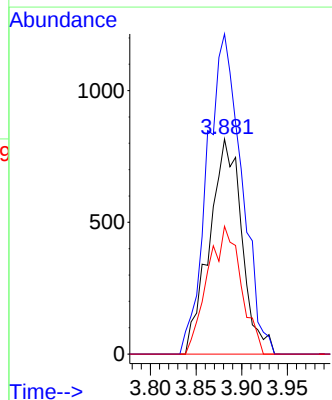
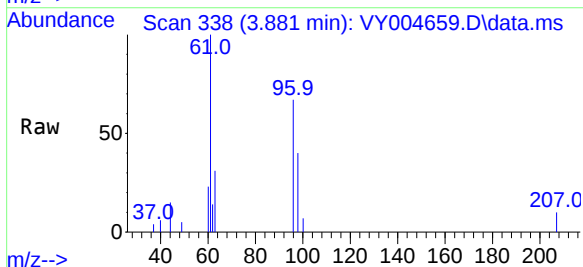
Instrument :
MSVOA_Y
ClientSampled :
290

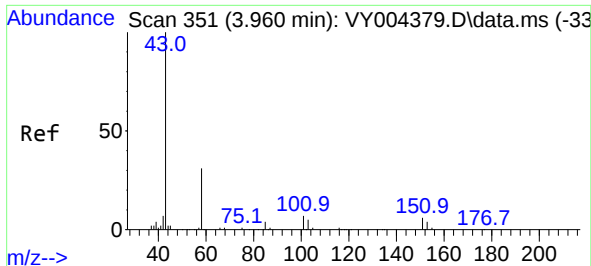
Tgt Ion:168 Resp: 153488
Ion Ratio Lower Upper
168 100
99 53.3 45.5 68.3



#12
1,1-Dichloroethene
Concen: 1.36 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Tgt Ion: 96 Resp: 2025
Ion Ratio Lower Upper
96 100
61 148.9 132.1 198.1
98 59.4 48.2 72.2

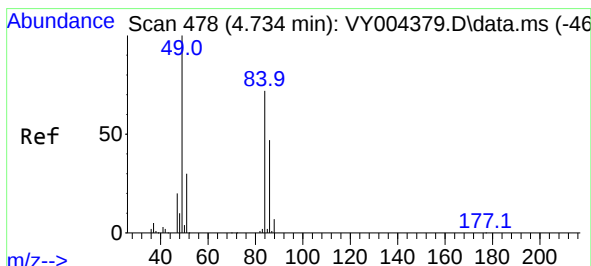
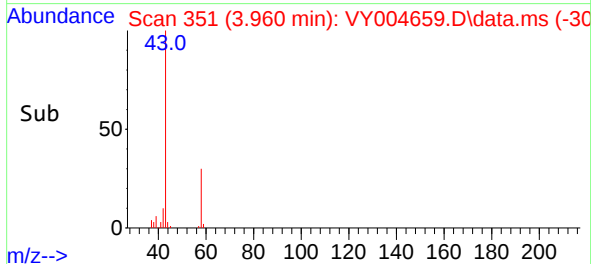
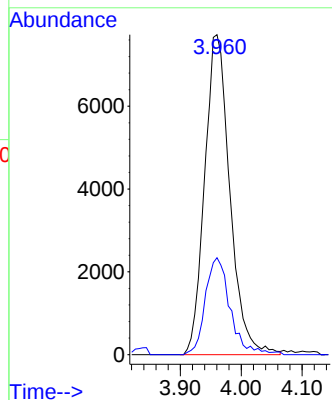
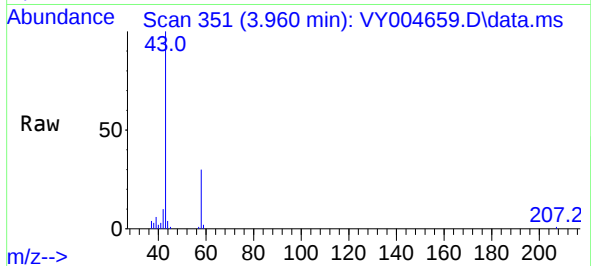




#16
Acetone
Concen: 45.77 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

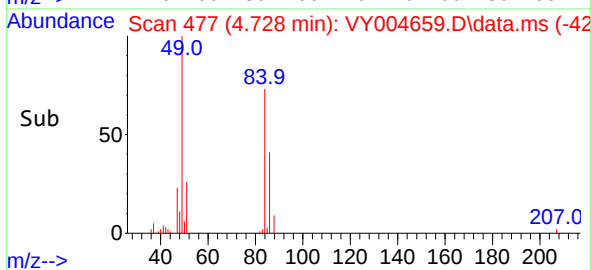
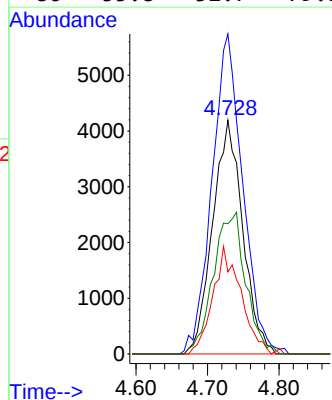
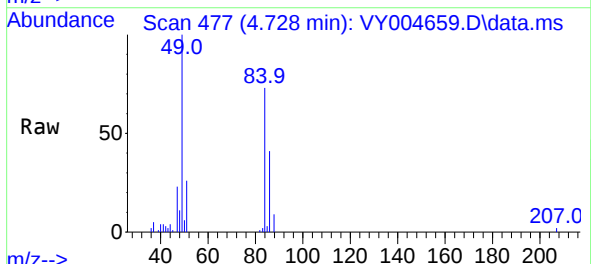
Instrument :
MSVOA_Y
ClientSampled :
290

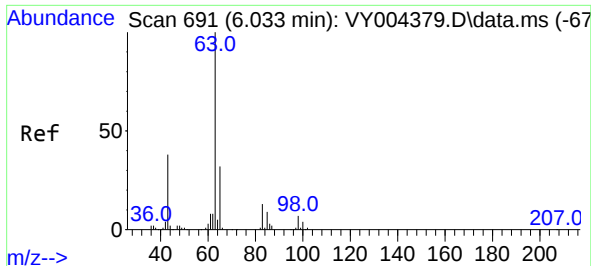
Tgt Ion: 43 Resp: 22253
Ion Ratio Lower Upper
43 100
58 30.3 24.6 37.0



#20
Methylene Chloride
Concen: 7.44 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Tgt Ion: 84 Resp: 12248
Ion Ratio Lower Upper
84 100
49 137.0 111.2 166.8
51 35.2 33.4 50.2
86 55.8 52.7 79.1

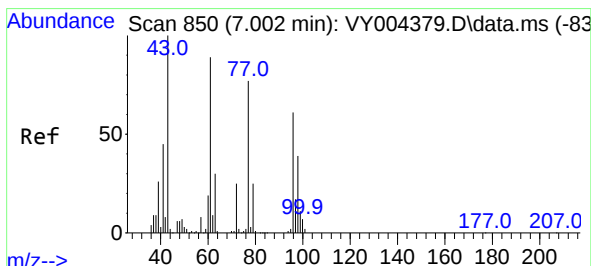
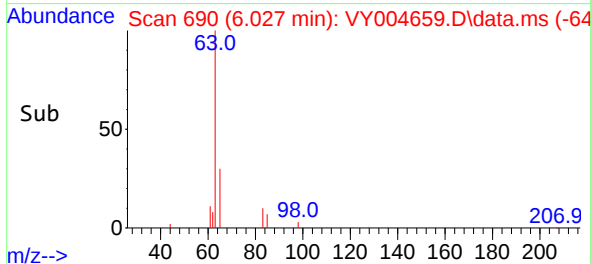
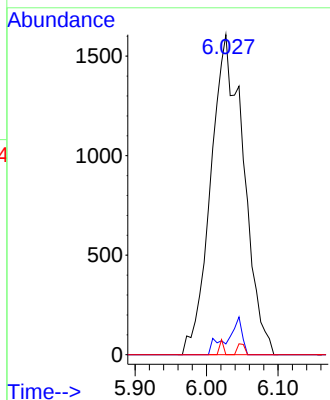
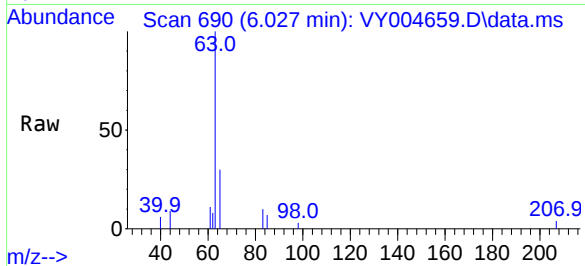




#24
1,1-Dichloroethane
Concen: 1.67 ug/l
RT: 6.027 min Scan# 690
Delta R.T. -0.006 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

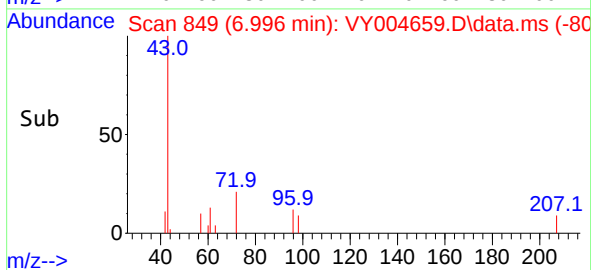
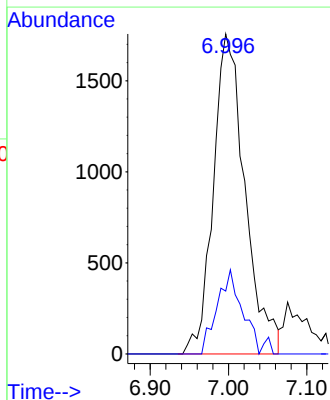
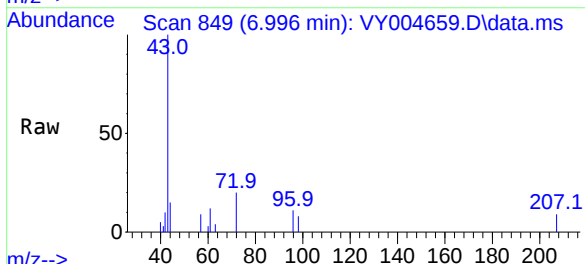
Instrument :
MSVOA_Y
ClientSampled :
290

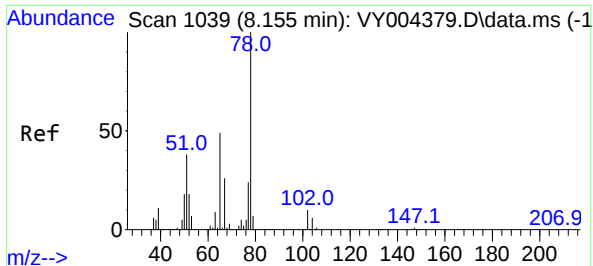
Tgt Ion:	63	Resp:	5142
Ion	Ratio	Lower	Upper
63	100		
98	3.4	3.3	9.9
100	0.0	2.0	6.0#



#25
2-Butanone
Concen: 7.60 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Tgt Ion:	43	Resp:	4935
Ion	Ratio	Lower	Upper
43	100		
72	19.6	20.2	30.2#

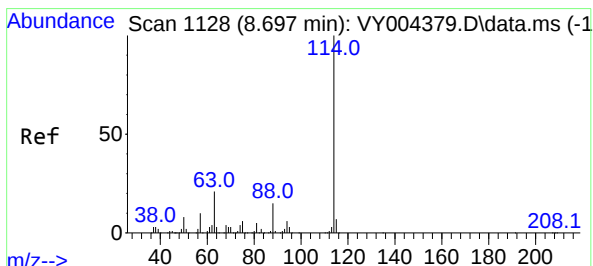
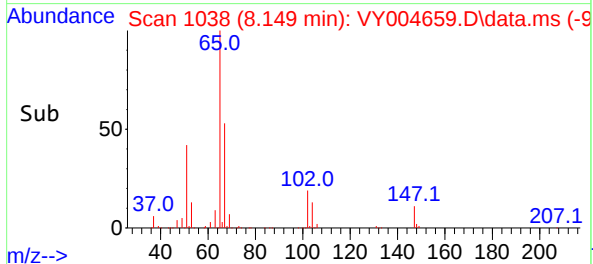
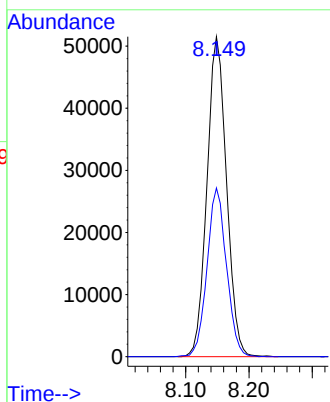
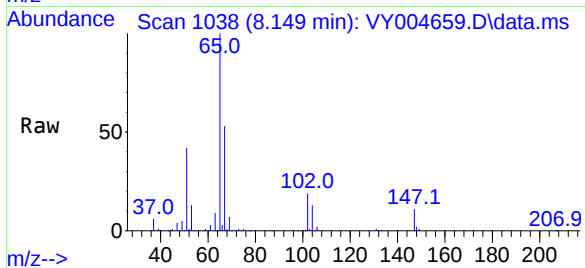




#33
1,2-Dichloroethane-d4
Concen: 64.82 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

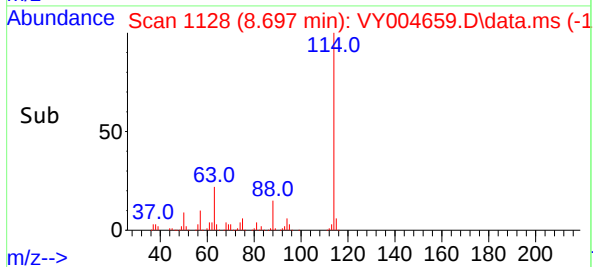
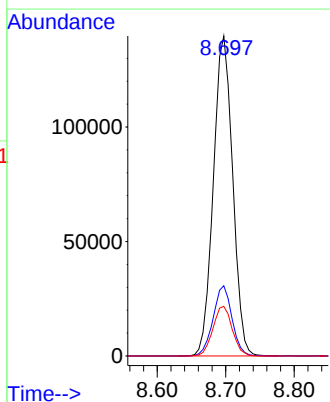
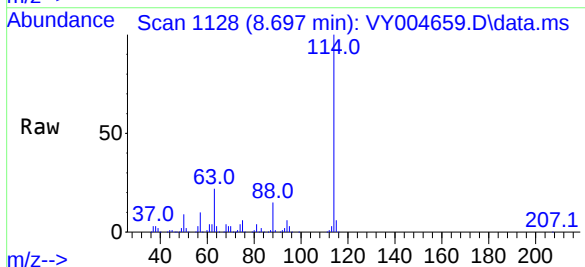
Instrument :
MSVOA_Y
ClientSampleId :
290

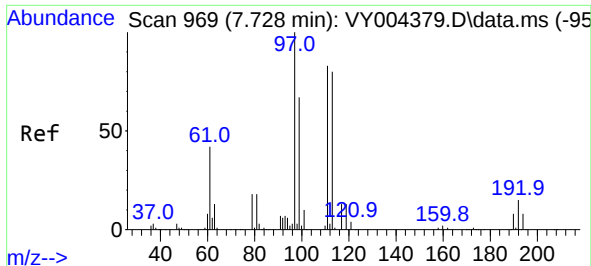
Tgt Ion: 65 Resp: 110548
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Tgt Ion: 114 Resp: 272794
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 15.5 0.0 30.8

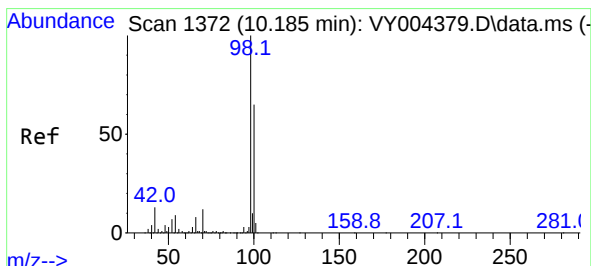
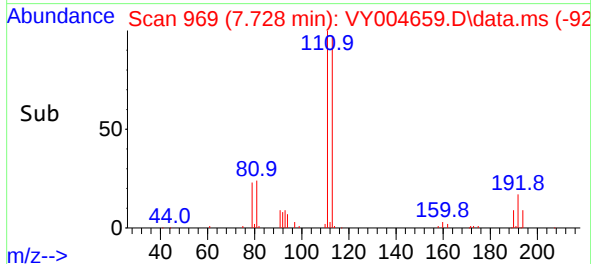
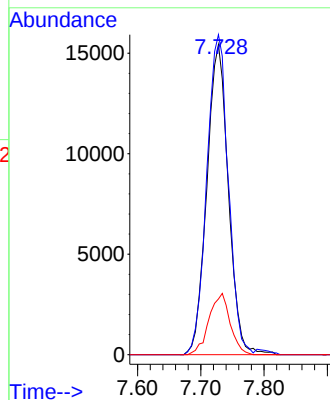
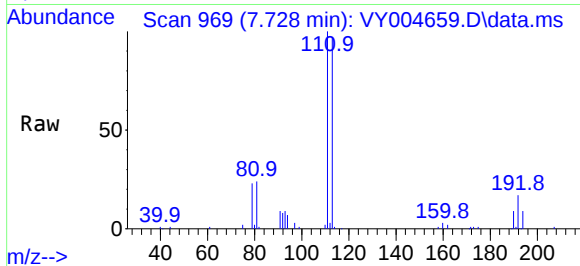




#35
Dibromofluoromethane
Concen: 24.12 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

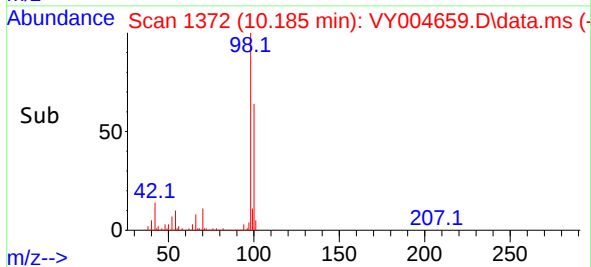
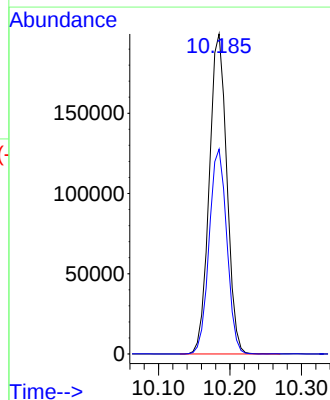
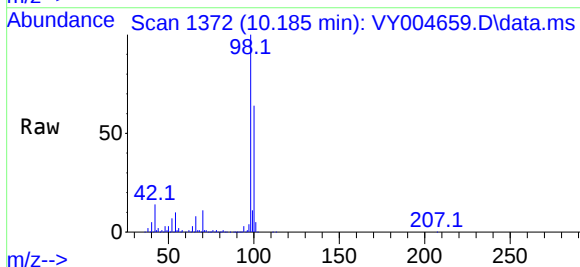
Instrument :
MSVOA_Y
ClientSampleId :
290

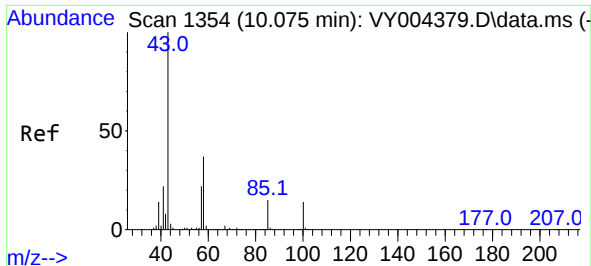
Tgt Ion:	113	Resp:	36515
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	19.4	16.1	24.1



#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

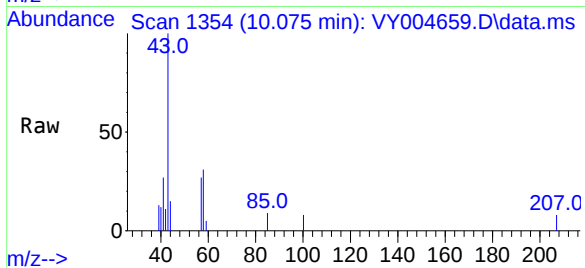
Tgt Ion:	98	Resp:	339692
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6



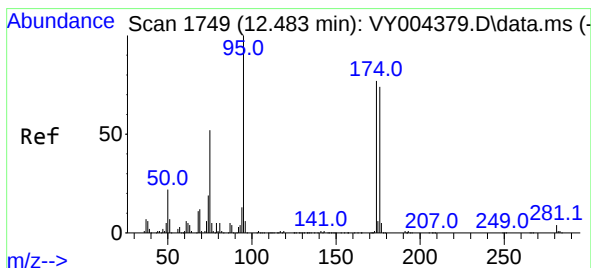
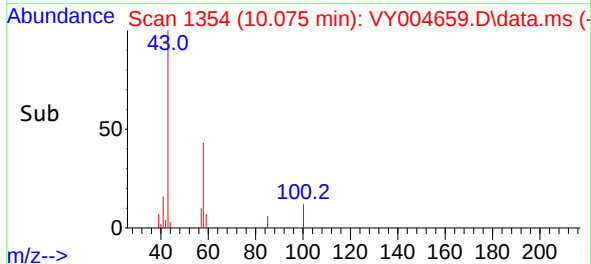
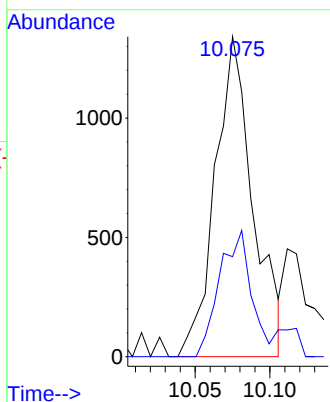


#51
4-Methyl-2-Pentanone
Concen: 1.39 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Instrument :
MSVOA_Y
ClientSampleId :
290

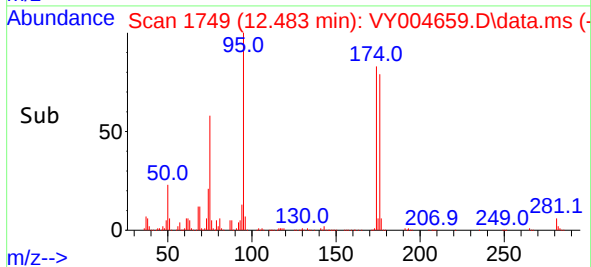
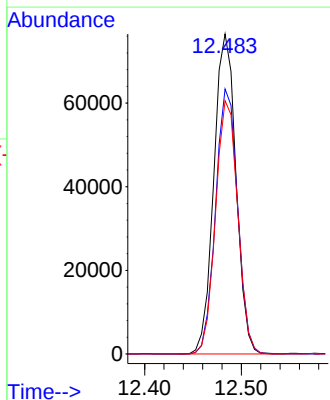
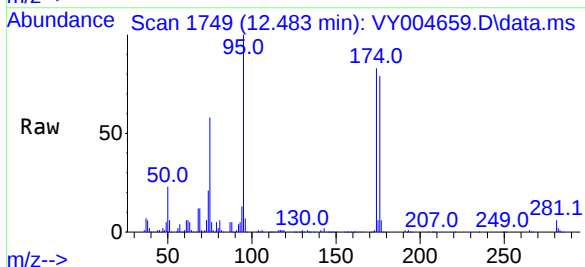


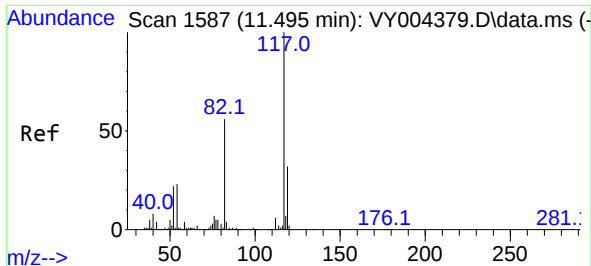
Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
58 33.2 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 55.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Tgt Ion: 95 Resp: 121298
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 79.1 0.0 156.0

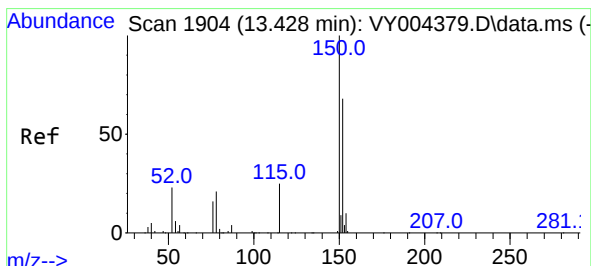
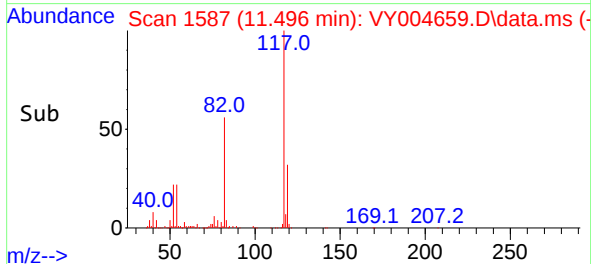
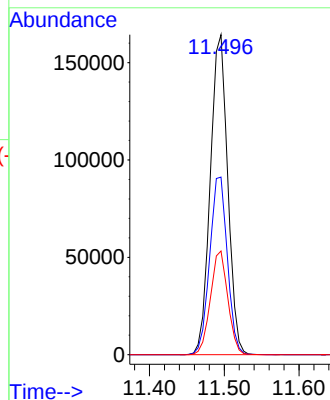
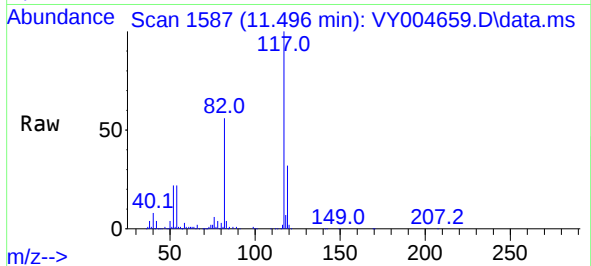




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

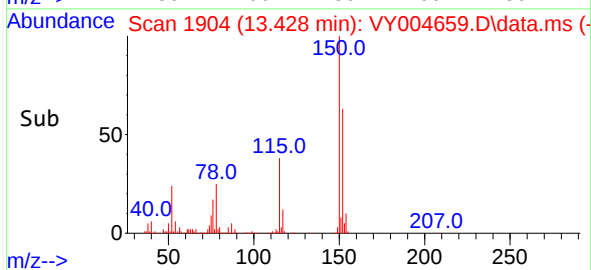
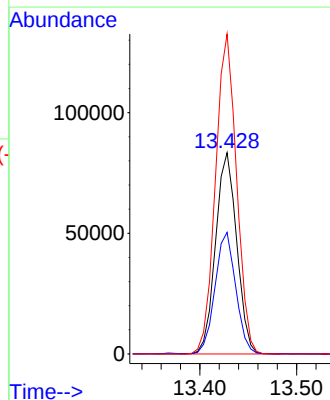
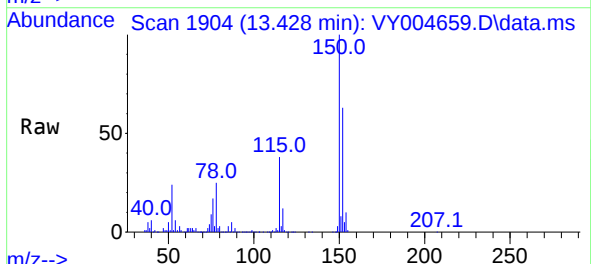
Instrument :
MSVOA_Y
ClientSampled :
290

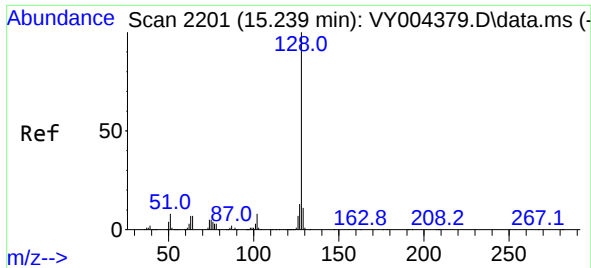
Tgt Ion:	117	Resp:	266445
Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.9	67.3
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Tgt Ion:	152	Resp:	126629
Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.6	88.8
150	158.1	0.0	348.4





#95
Naphthalene
Concen: 1.47 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004659.D
Acq: 29 Apr 2021 15:15

Instrument :
MSVOA_Y
ClientSampleId :
290

Tgt Ion:	128	Resp:	7660
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	12.2	8.8	13.2

