

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006335.D
 Acq On : 07 Oct 2021 16:39
 Operator : SY/MD
 Sample : M4131-04
 Misc : 3.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-07(NA)

Quant Time: Oct 08 07:12:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

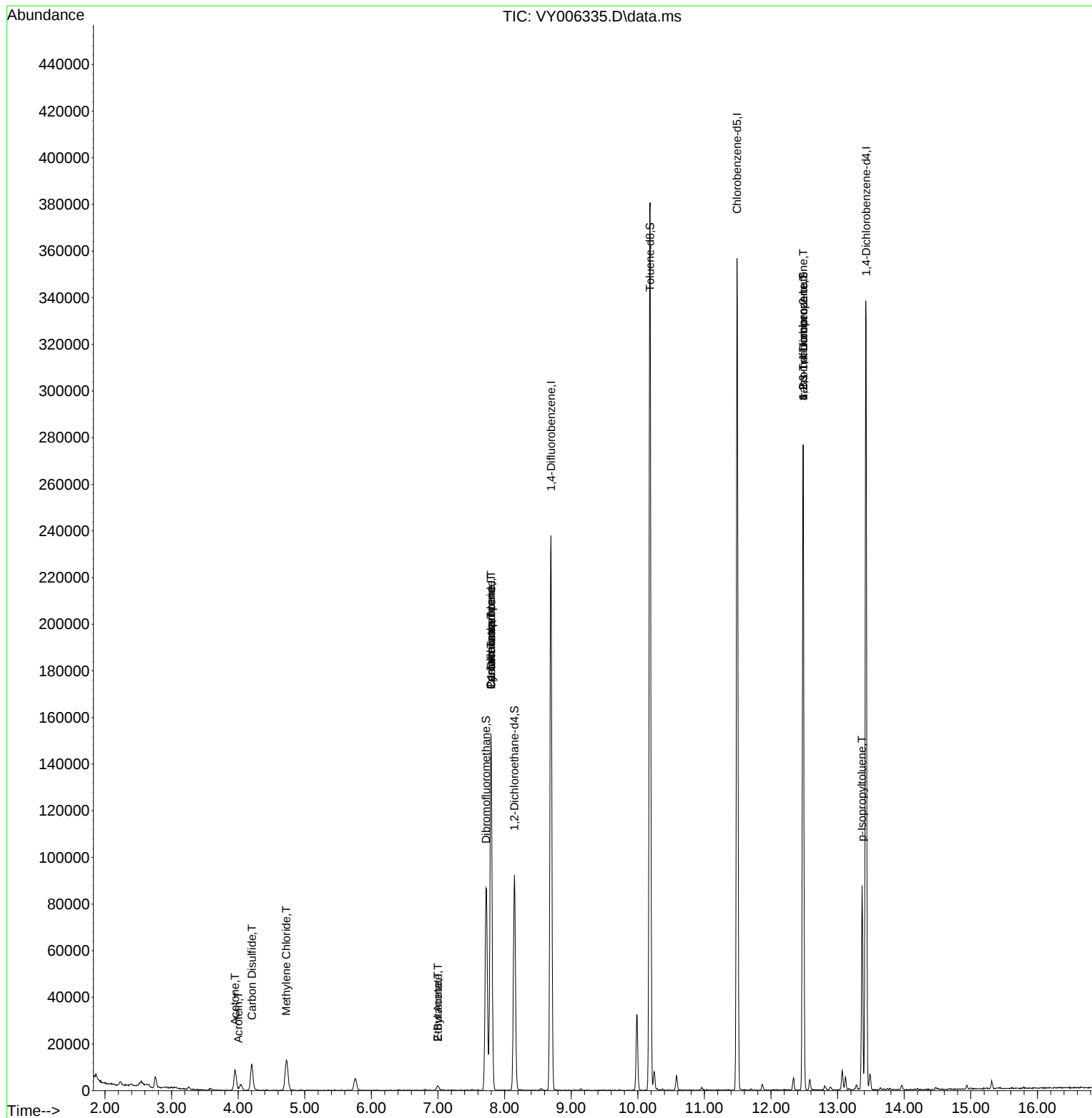
Internal Standards						
1) Pentafluorobenzene	7.795	168	119275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	194419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75477	59.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.240%
35) Dibromofluoromethane	7.722	113	59234	57.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.060%
50) Toluene-d8	10.185	98	246973	56.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.620%
62) 4-Bromofluorobenzene	12.483	95	75089	50.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.700%
Target Compounds						
					Qvalue	
13) Acrolein	4.003	56	19	18.703	ug/l #	14
16) Acetone	3.954	43	15326	42.984	ug/l	93
17) Carbon Disulfide	4.204	76	21391	5.725	ug/l	99
20) Methylene Chloride	4.722	84	9919	4.676	ug/l #	79
25) 2-Butanone	6.996	43	3317	6.678	ug/l #	90
31) Cyclohexane	7.795	56	2473	1.023	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	8795	4.547	ug/l #	51
37) Ethyl Acetate	6.996	43	3317	2.944	ug/l #	72
38) Carbon Tetrachloride	7.795	117	11366	5.565	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	42811	51.641	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42811	101.483	ug/l #	7
86) p-Isopropyltoluene	13.367	119	44603	8.008	ug/l	98

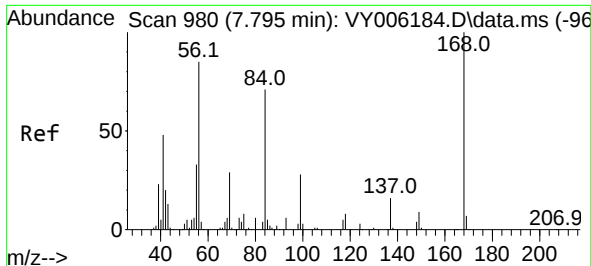
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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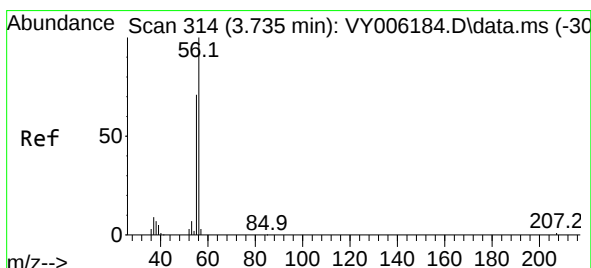
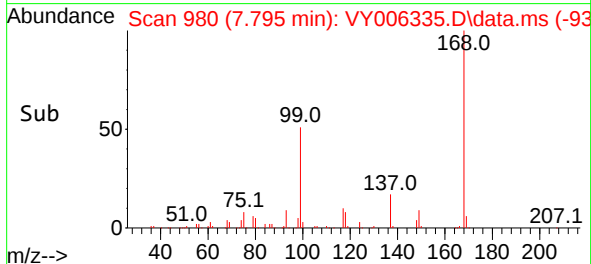
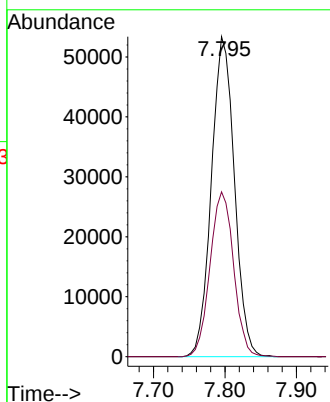
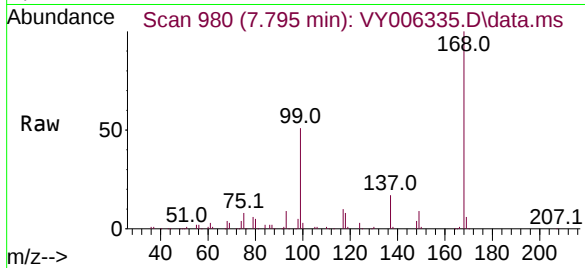




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

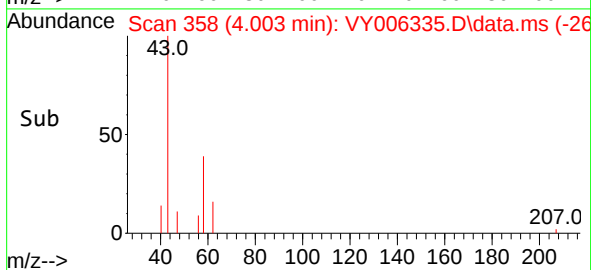
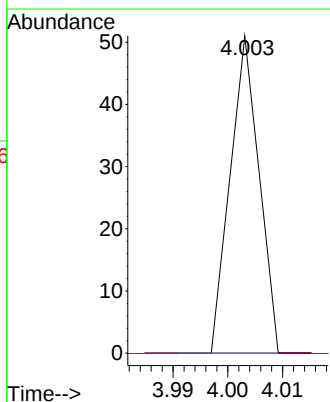
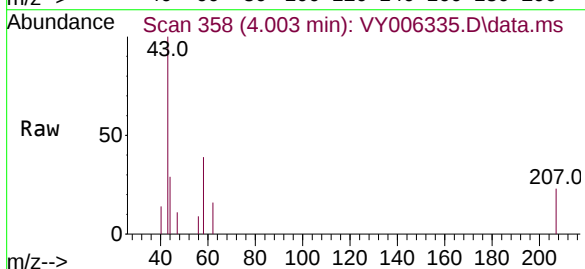
Instrument :
MSVOA_Y
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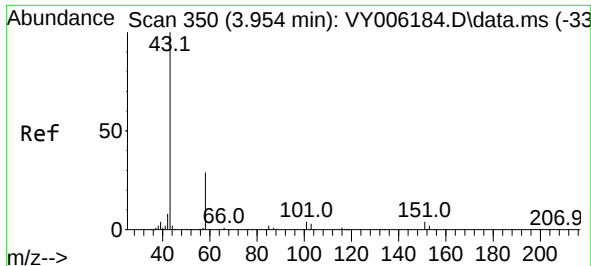
Tgt Ion:168 Resp: 119275
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#13
Acrolein
Concen: 18.703 ug/l
RT: 4.003 min Scan# 358
Delta R.T. 0.268 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

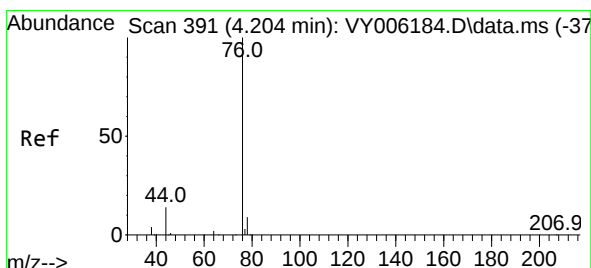
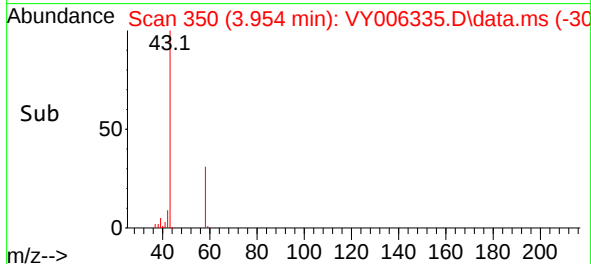
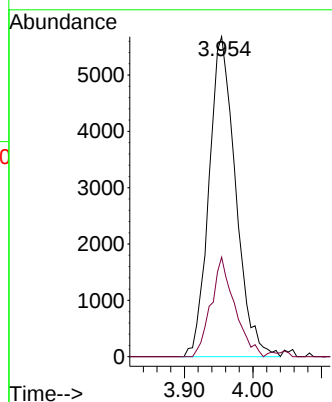
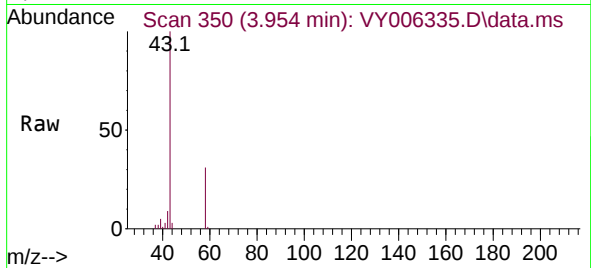




#16
Acetone
Concen: 42.984 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

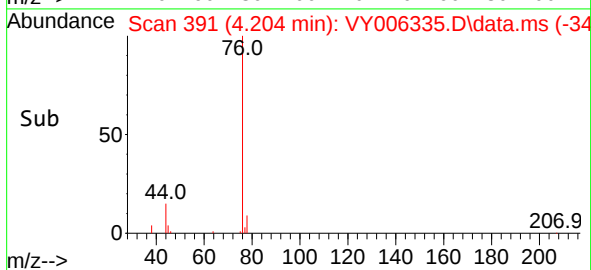
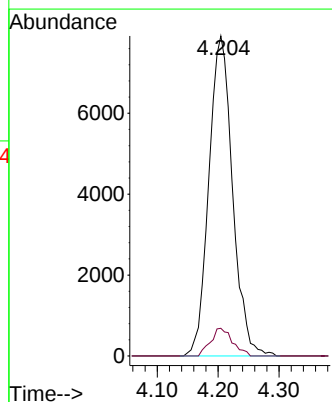
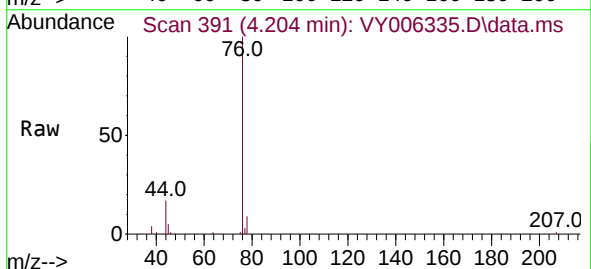
Instrument :
MSVOA_Y
ClientSampleId :
SS-07(NA)

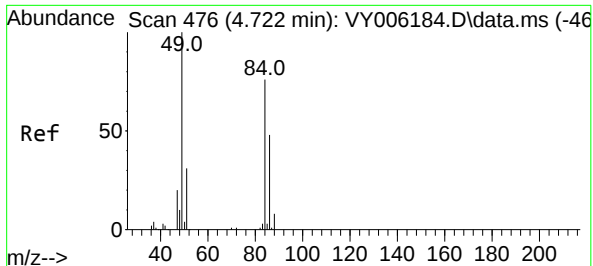
Tgt Ion: 43 Resp: 15326
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0



#17
Carbon Disulfide
Concen: 5.725 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion: 76 Resp: 21391
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

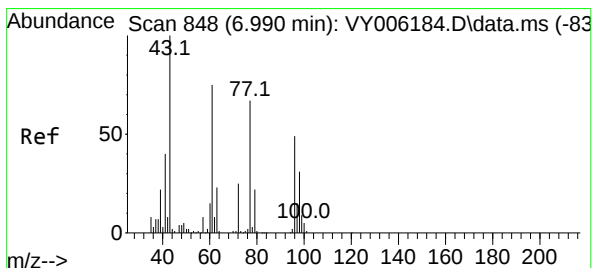
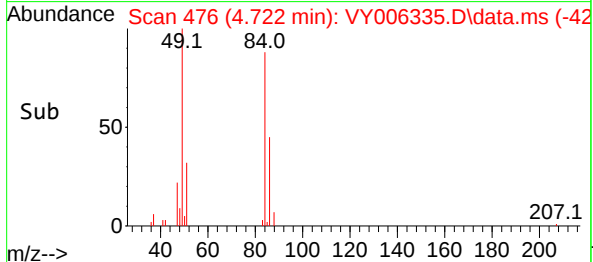
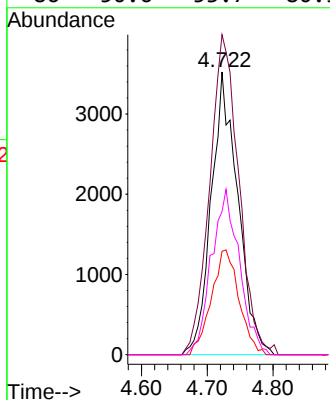
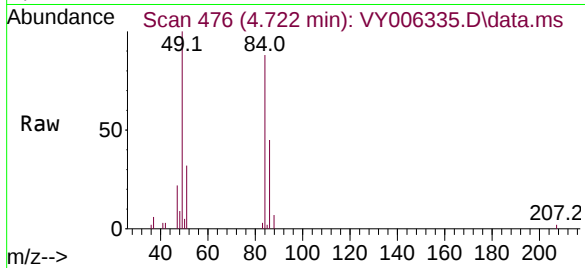




#20
Methylene Chloride
Concen: 4.676 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

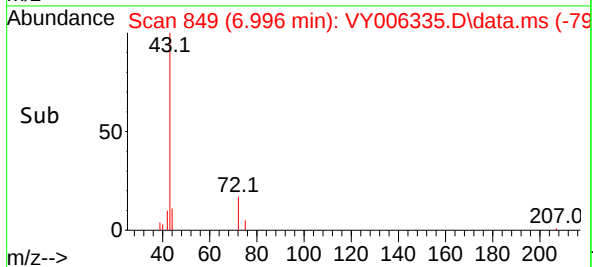
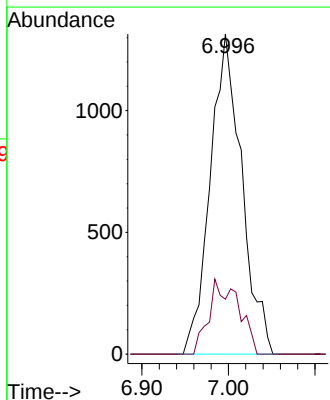
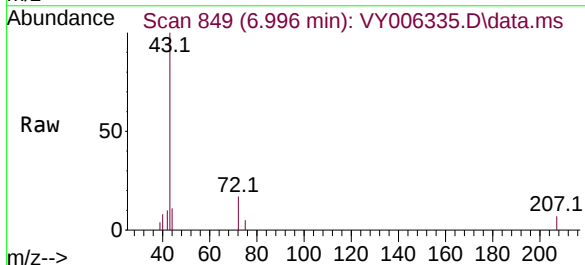
Instrument :
MSVOA_Y
ClientSampleId :
SS-07(NA)

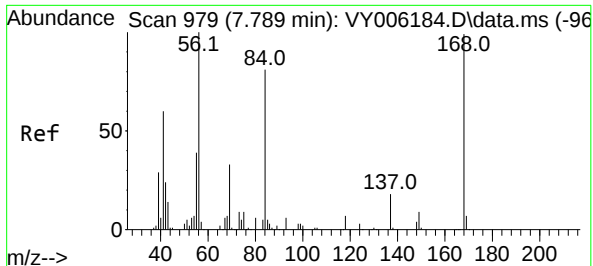
Tgt Ion:	84	Resp:	9919
Ion	Ratio	Lower	Upper
84	100		
49	113.2	114.4	171.6#
51	36.5	35.3	52.9
86	50.6	53.7	80.5#



#25
2-Butanone
Concen: 6.678 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion:	43	Resp:	3317
Ion	Ratio	Lower	Upper
43	100		
72	17.1	17.7	26.5#

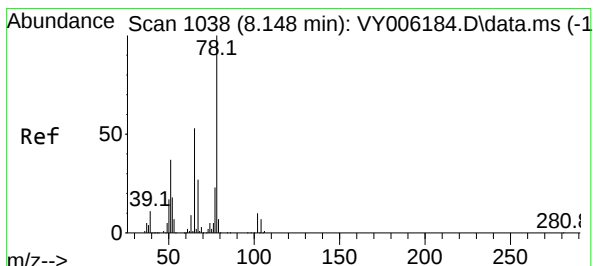
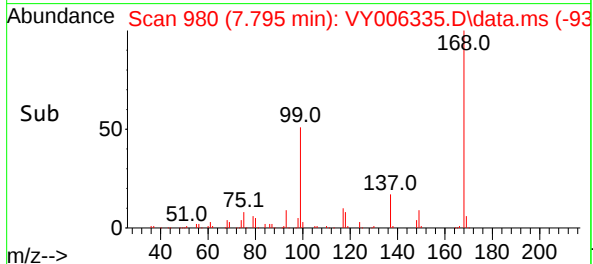
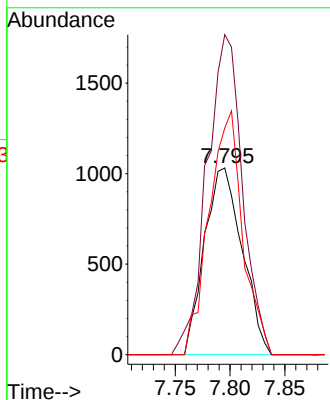
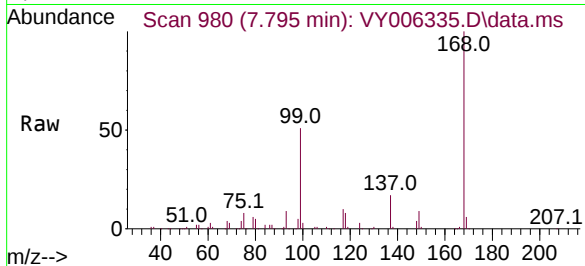




#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

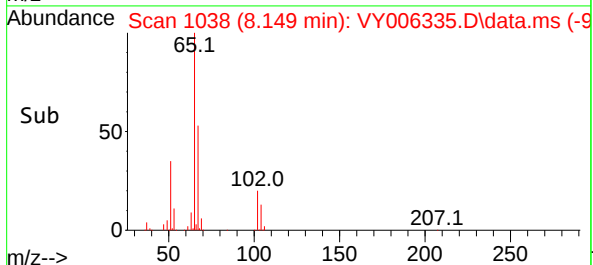
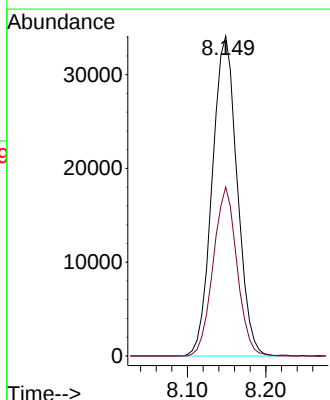
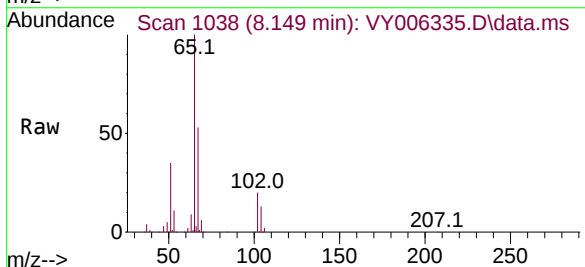
Instrument :
MSVOA_Y
ClientSampleId :
SS-07(NA)

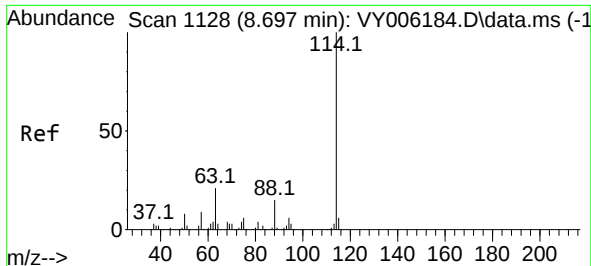
Tgt Ion: 56 Resp: 2473
Ion Ratio Lower Upper
56 100
69 171.3 26.7 40.1#
84 121.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.124 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion: 65 Resp: 75477
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4

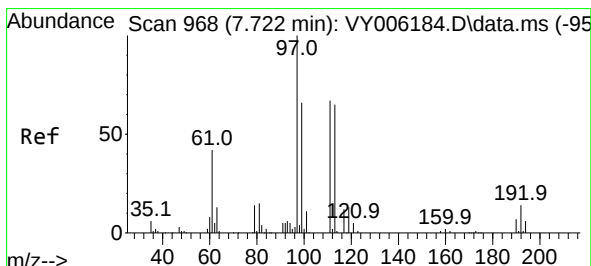
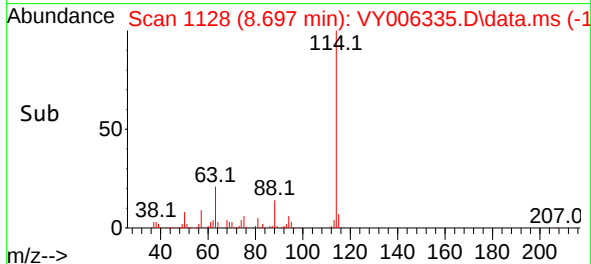
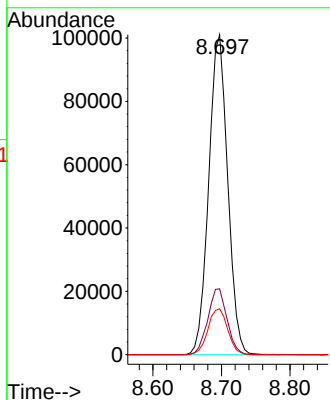
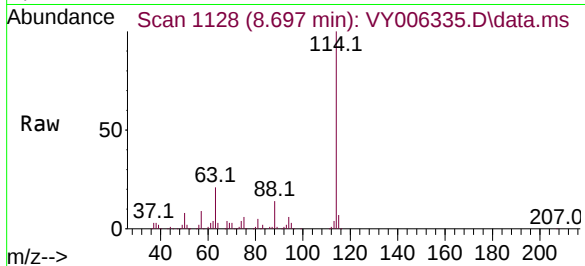




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

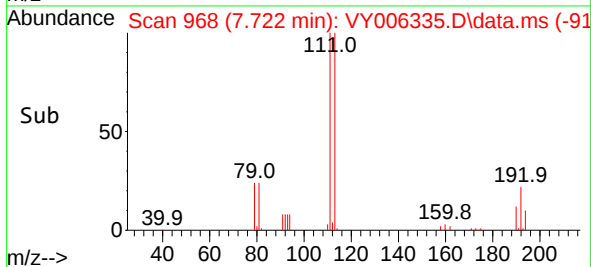
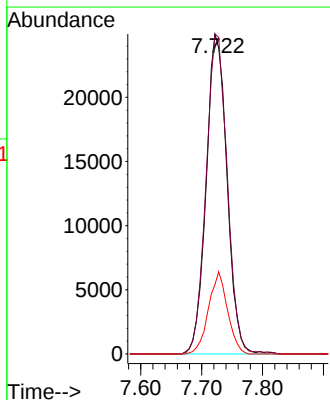
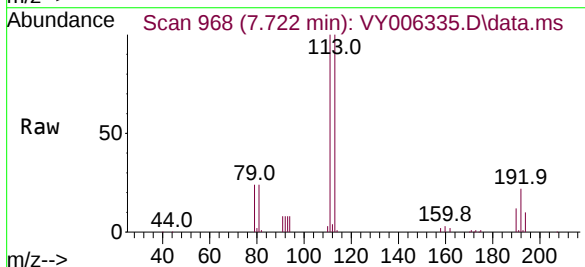
Instrument :
MSVOA_Y
ClientSampleId :
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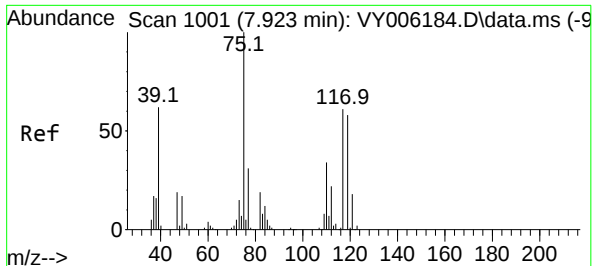
Tgt Ion:	114	Resp:	194419
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	14.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 57.027 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion:	113	Resp:	59234
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	23.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 7.795 min Scan# 980

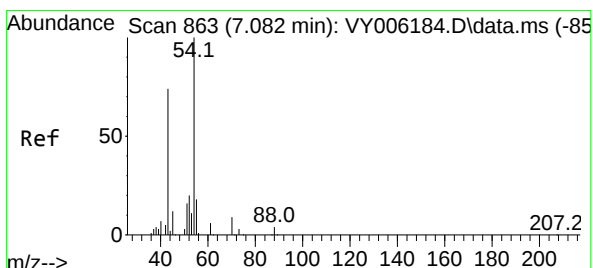
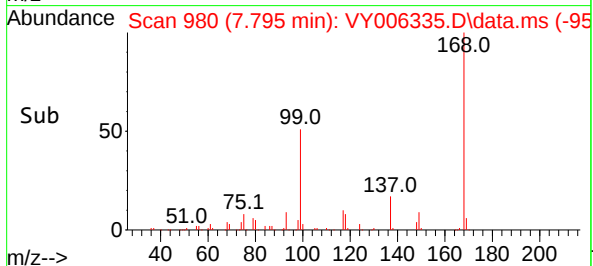
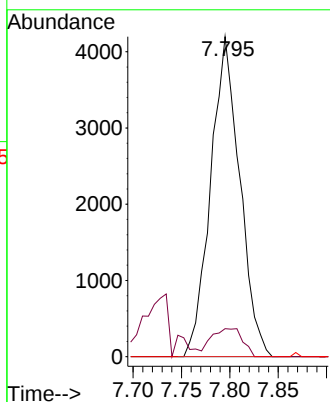
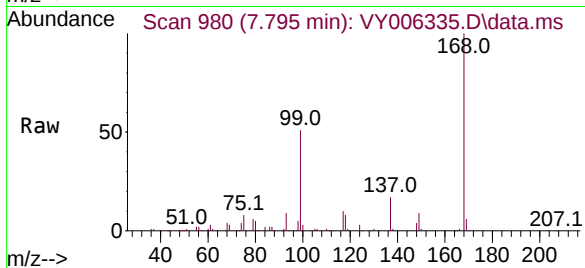
Delta R.T. -0.128 min

Lab File: VY006335.D

Acq: 07 Oct 2021 16:39

Tgt Ion:	75	Resp:	8795
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :
SS-07(NA)



#37

Ethyl Acetate

Concen: 2.944 ug/l

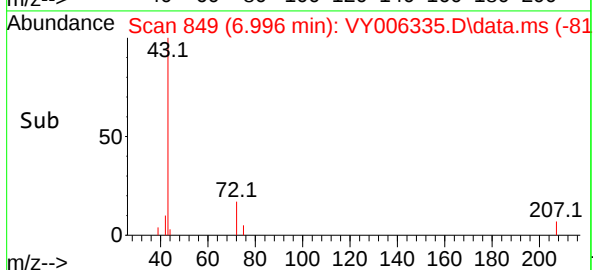
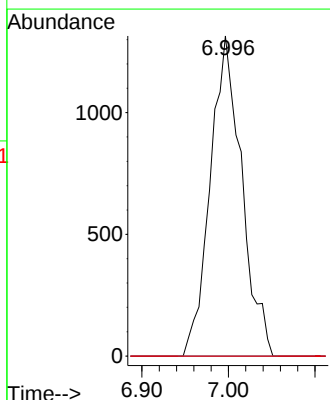
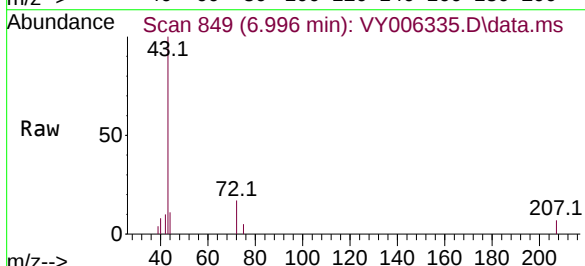
RT: 6.996 min Scan# 849

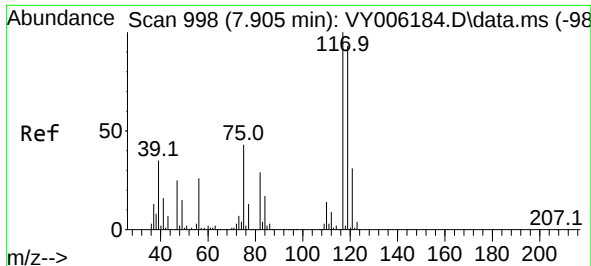
Delta R.T. -0.085 min

Lab File: VY006335.D

Acq: 07 Oct 2021 16:39

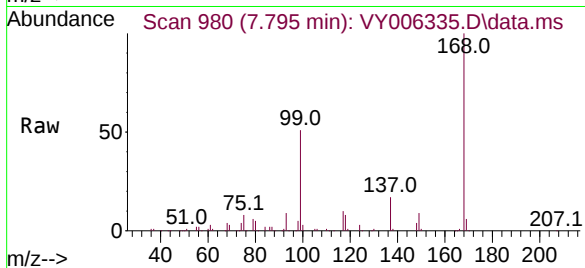
Tgt Ion:	43	Resp:	3317
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



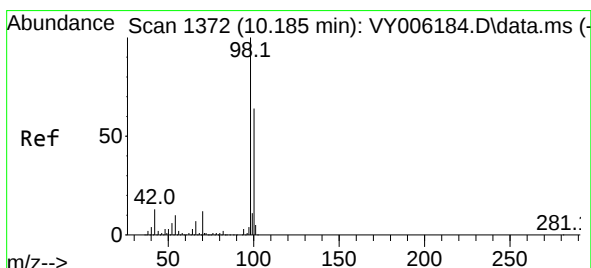
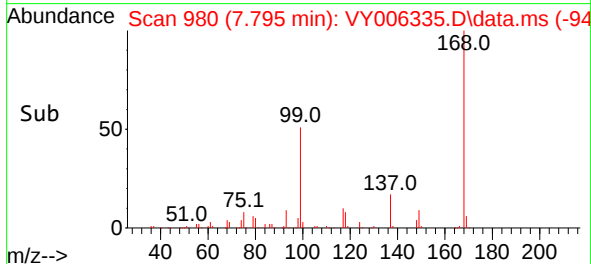
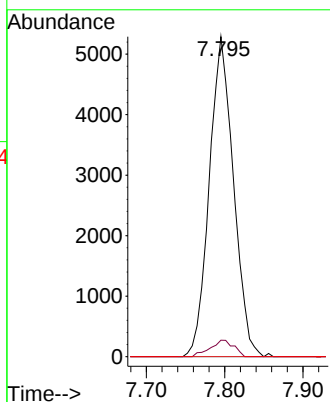


#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Instrument :
MSVOA_Y
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SS-07(NA)

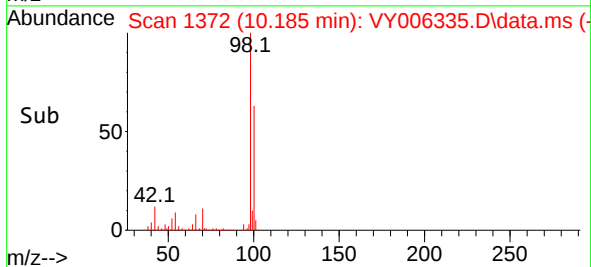
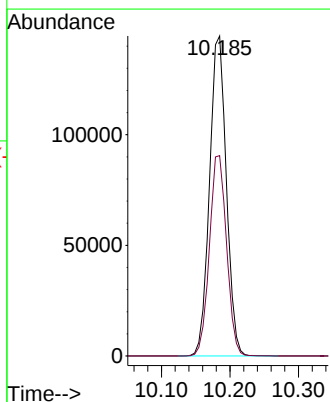
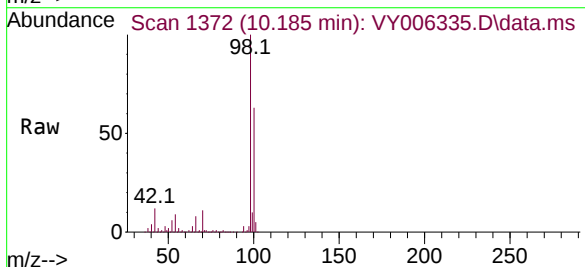


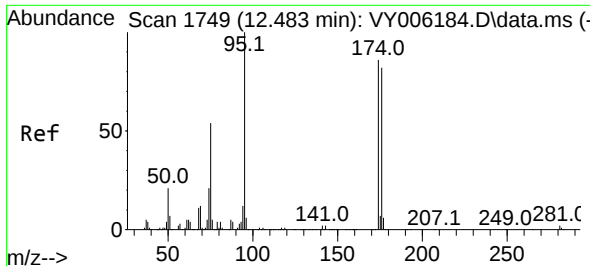
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.9	116.9#
121	0.0	24.8	37.2#



#50
Toluene-d8
Concen: 56.812 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.2	75.2

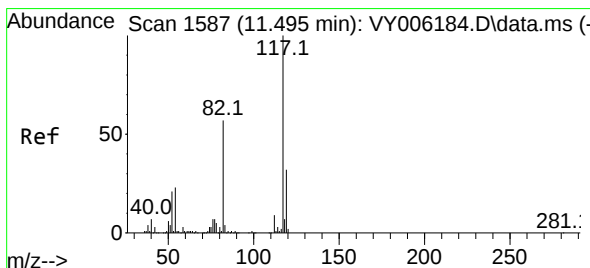
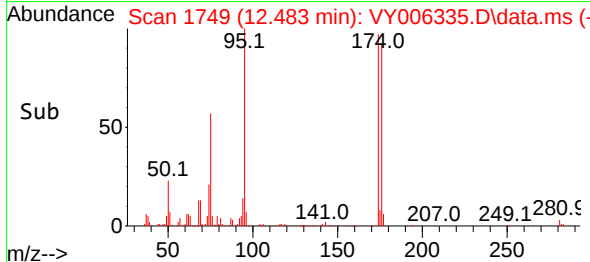
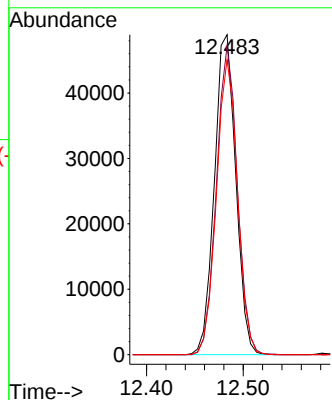
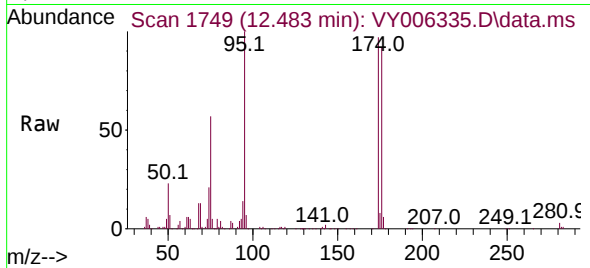




#62
4-Bromofluorobenzene
Concen: 50.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

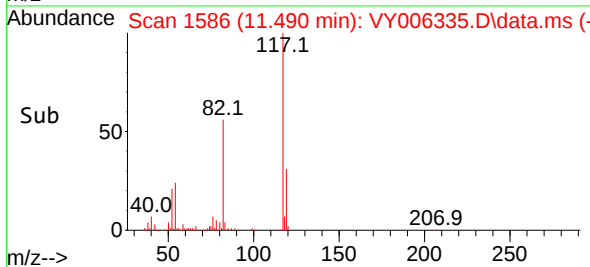
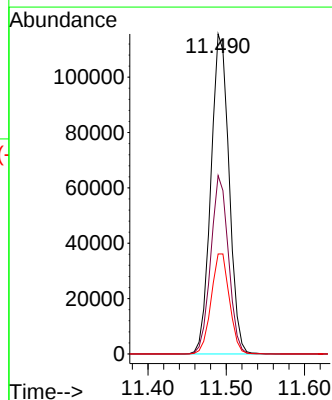
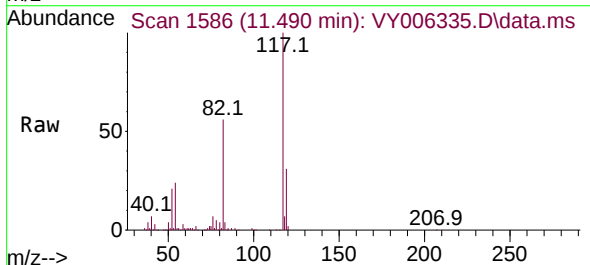
Instrument :
MSVOA_Y
ClientSampleId :
SS-07(NA)

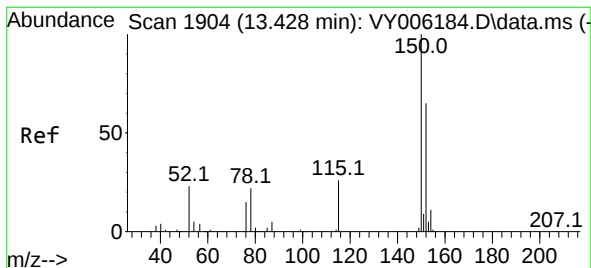
Tgt Ion:	95	Resp:	75089
Ion Ratio	Lower	Upper	
95	100		
174	94.4	0.0	177.0
176	90.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion:	117	Resp:	185755
Ion Ratio	Lower	Upper	
117	100		
82	55.7	43.0	64.4
119	31.2	25.4	38.0

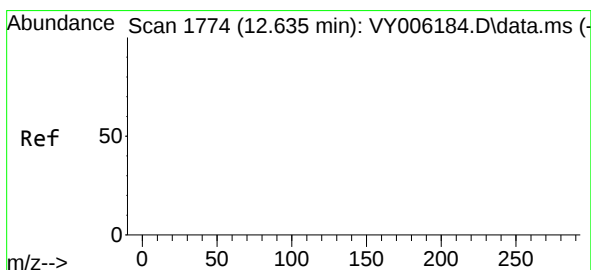
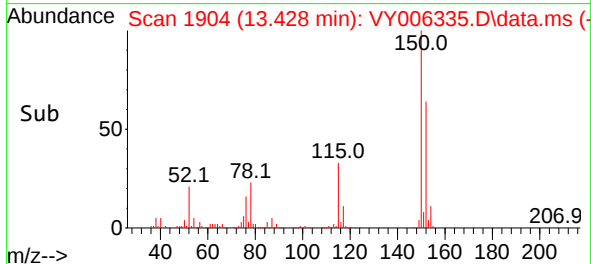
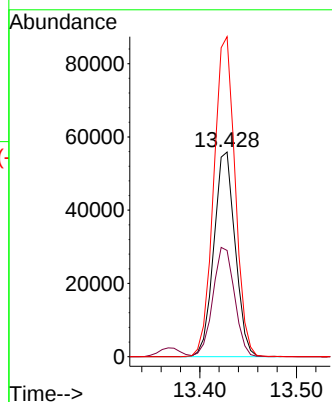
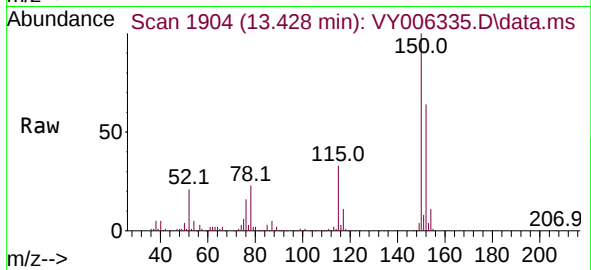




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

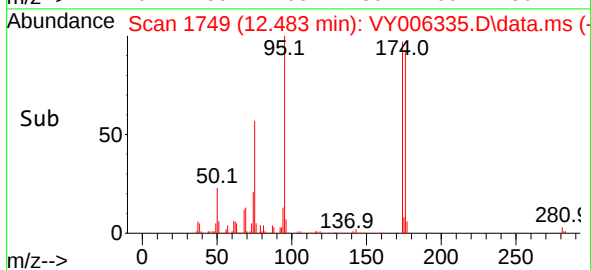
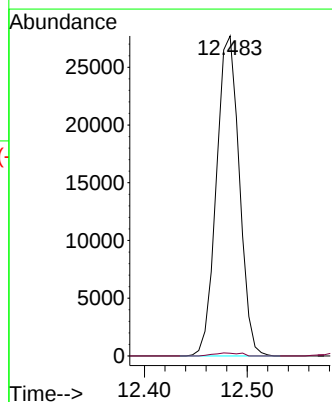
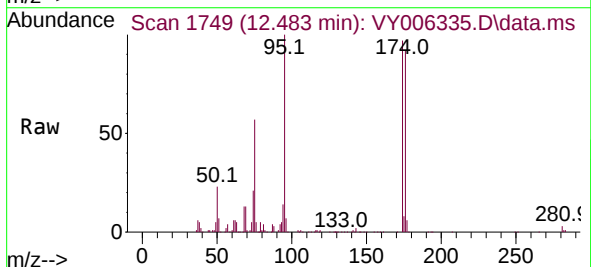
Instrument :
MSVOA_Y
ClientSampleId :
SS-07(NA)

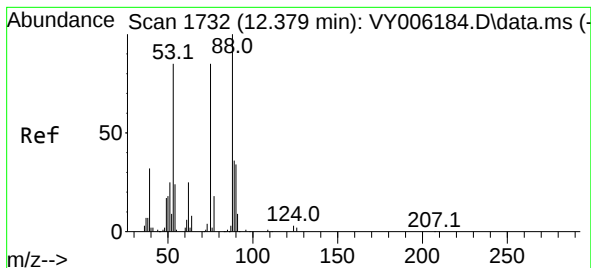
Tgt Ion:152 Resp: 85293
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion: 75 Resp: 42811
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

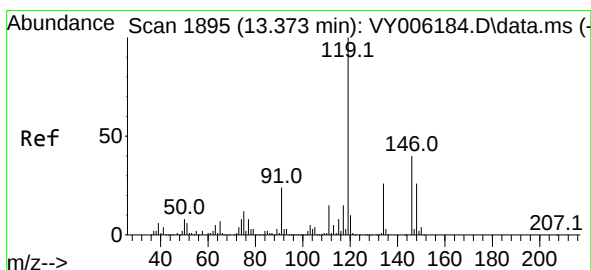
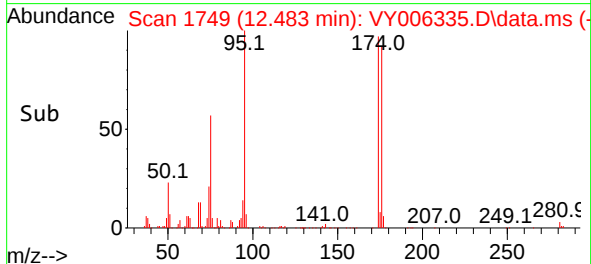
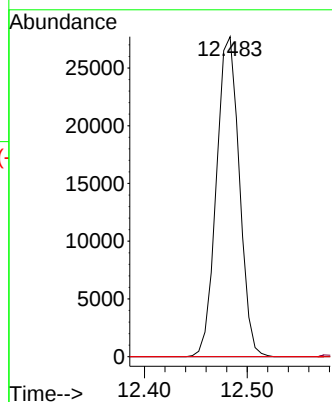
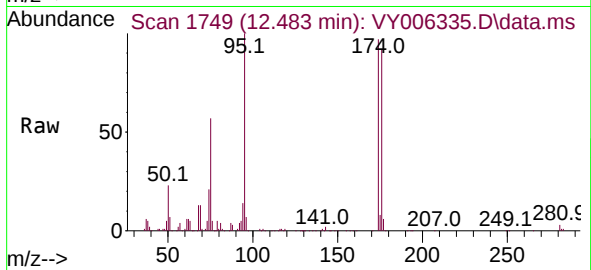




#81
trans-1,4-Dichloro-2-butene
Concen: 101.483 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Instrument :
MSVOA_Y
ClientSampleId :
SS-07(NA)

Tgt Ion: 75 Resp: 42811
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#86
p-Isopropyltoluene
Concen: 8.008 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY006335.D
Acq: 07 Oct 2021 16:39

Tgt Ion:119 Resp: 44603
Ion Ratio Lower Upper
119 100
134 27.2 13.2 39.5
91 23.7 12.4 37.2

