

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006143.D
 Acq On : 24 Sep 2021 17:05
 Operator : SY/MD
 Sample : M3917-19
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Sep 25 05:46:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

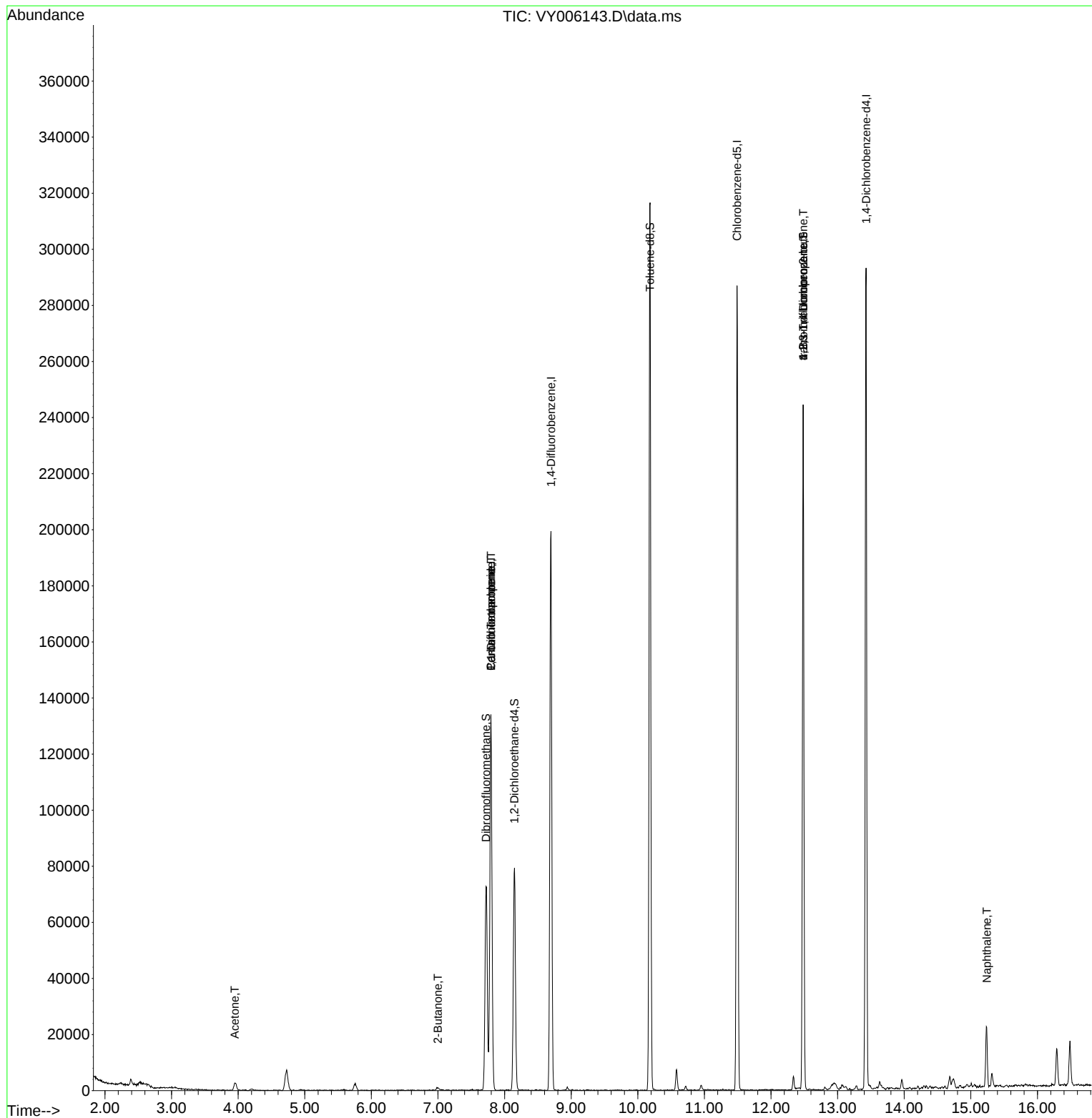
Internal Standards						
1) Pentafluorobenzene	7.795	168	104627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	167336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66945	46.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.120%
35) Dibromofluoromethane	7.722	113	49433	47.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.120%
50) Toluene-d8	10.185	98	205522	46.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.483	95	64097	42.618	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	193	Below Cal	#	77
16) Acetone	3.948	43	4903	12.300	ug/l	92
20) Methylene Chloride	4.729	84	5161	Below Cal		83
25) 2-Butanone	6.996	43	1171	2.131	ug/l	99
36) 1,1-Dichloropropene	7.795	75	7466	4.134	ug/l	# 53
38) Carbon Tetrachloride	7.795	117	10077	5.125	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	37615	47.670	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	37615	87.641	ug/l	# 7
95) Naphthalene	15.239	128	17664	5.974	ug/l	97

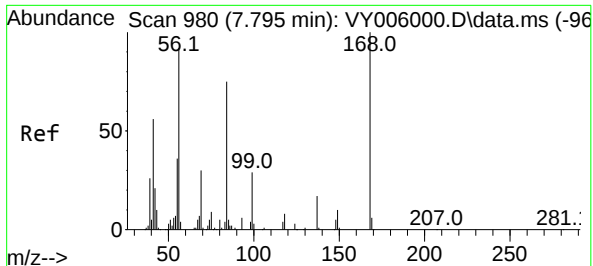
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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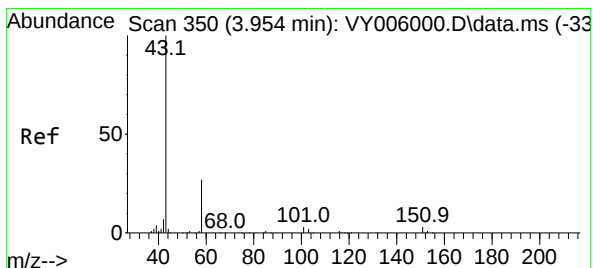
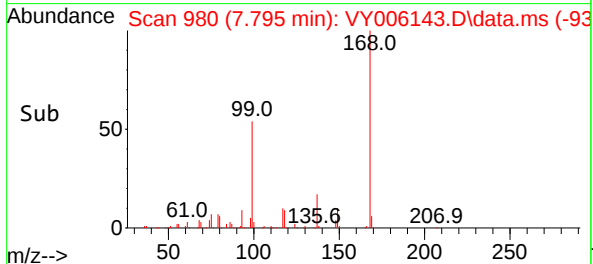
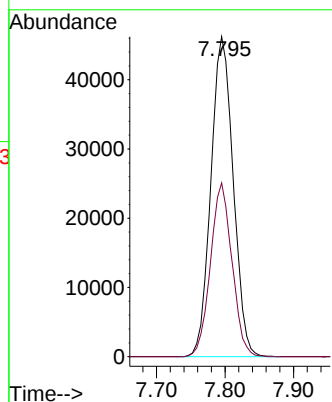
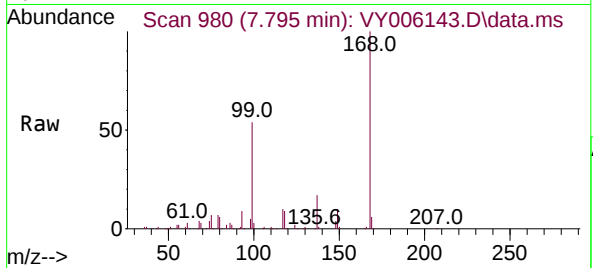




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

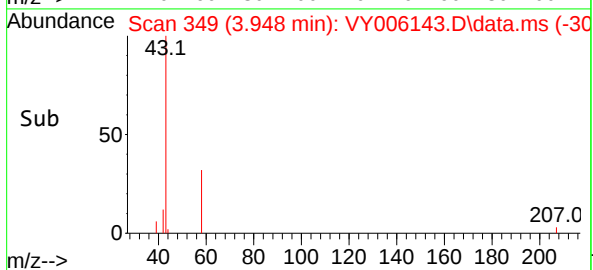
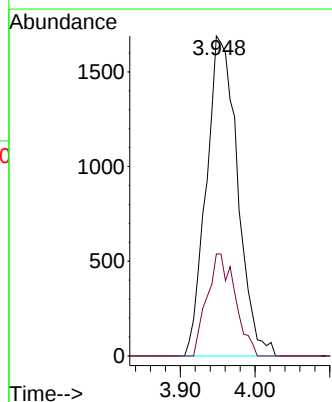
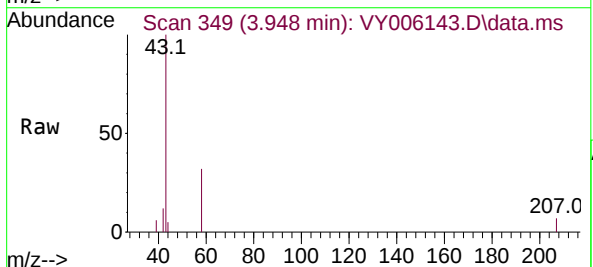
Instrument :
MSVOA_Y
ClientSampled :
TP-1

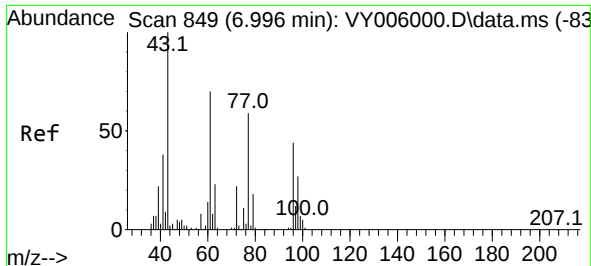
Tgt Ion:168 Resp: 104627
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 12.300 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

Tgt Ion: 43 Resp: 4903
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0

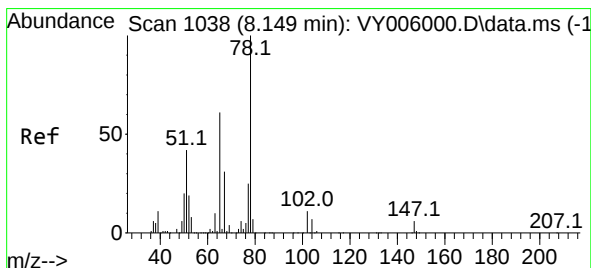
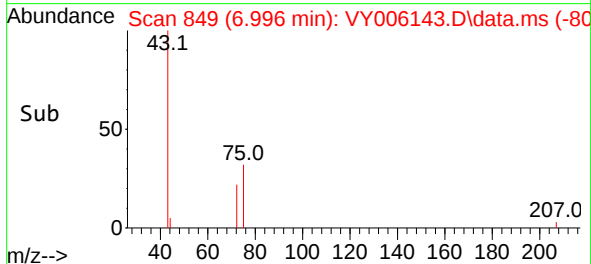
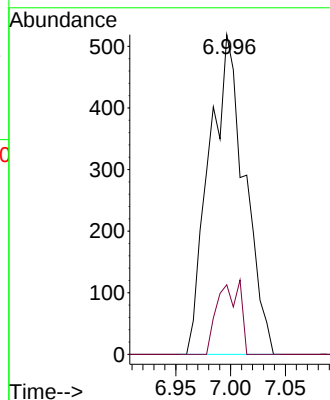
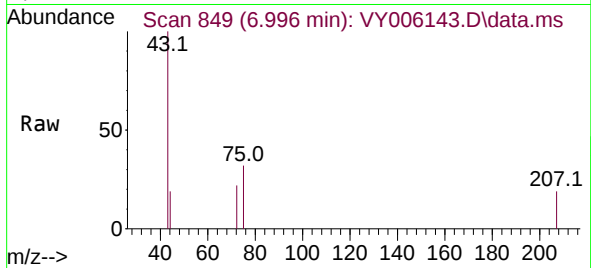




#25
2-Butanone
Concen: 2.131 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

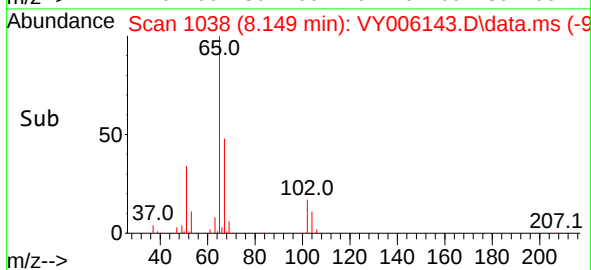
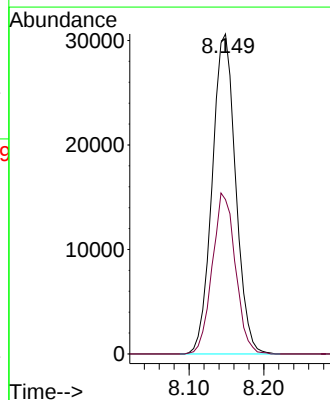
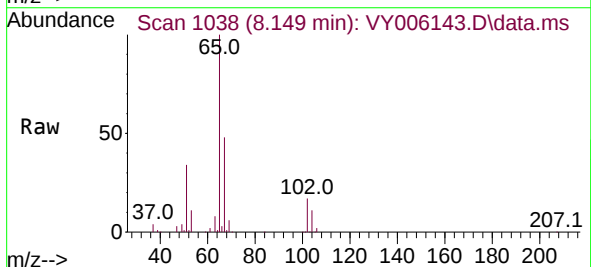
Instrument :
MSVOA_Y
ClientSampled :
TP-1

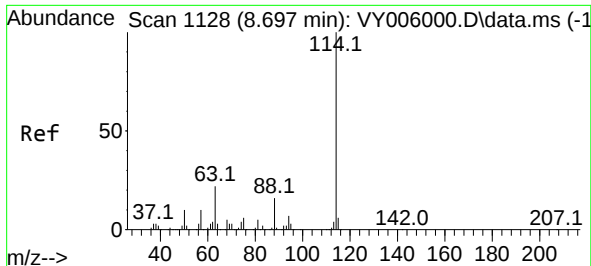
Tgt Ion: 43 Resp: 1171
Ion Ratio Lower Upper
43 100
72 21.8 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 46.063 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

Tgt Ion: 65 Resp: 66945
Ion Ratio Lower Upper
65 100
67 49.5 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: VY006143.D

Acq: 24 Sep 2021 17:05

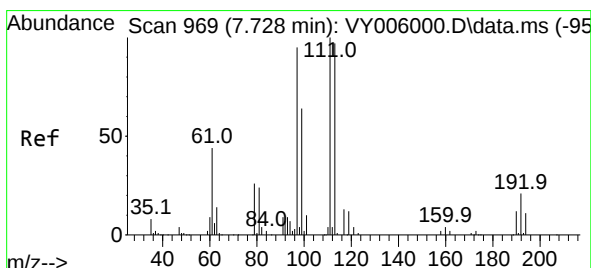
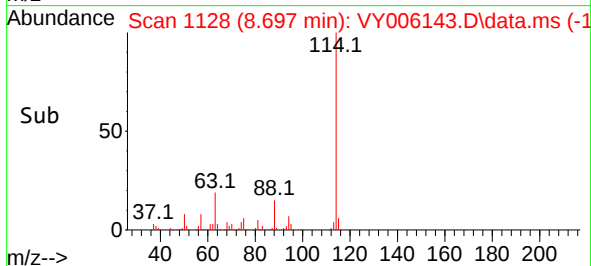
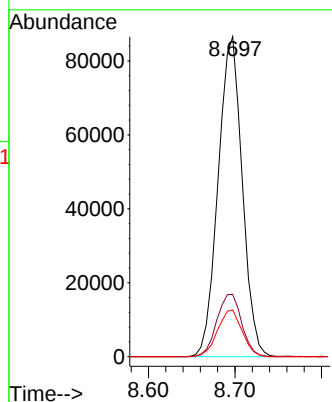
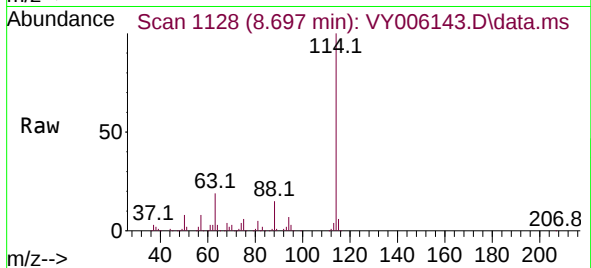
Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion:114	Resp:	167336
Ion Ratio	Lower	Upper
114	100	
63	19.5	0.0 43.2
88	14.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 47.561 ug/l

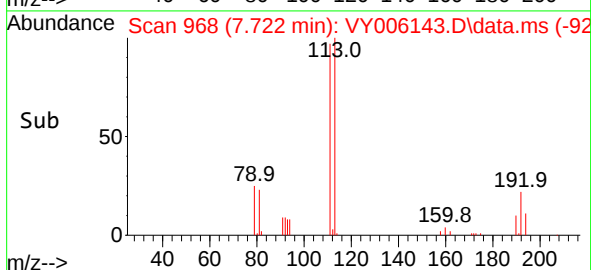
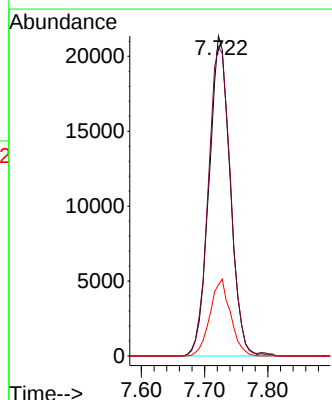
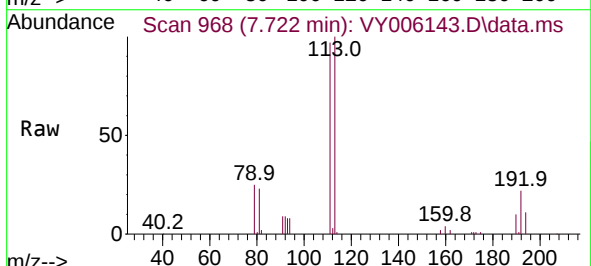
RT: 7.722 min Scan# 968

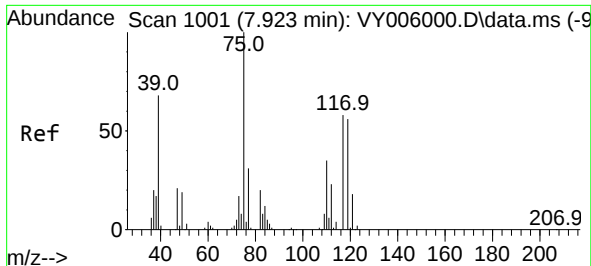
Delta R.T. -0.006 min

Lab File: VY006143.D

Acq: 24 Sep 2021 17:05

Tgt Ion:113	Resp:	49433
Ion Ratio	Lower	Upper
113	100	
111	101.5	82.6 124.0
192	23.3	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.134 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006143.D

Acq: 24 Sep 2021 17:05

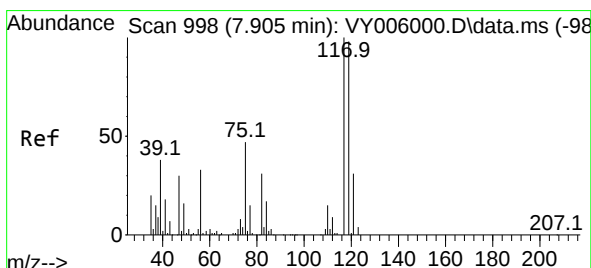
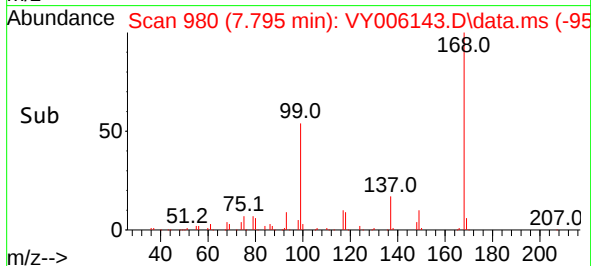
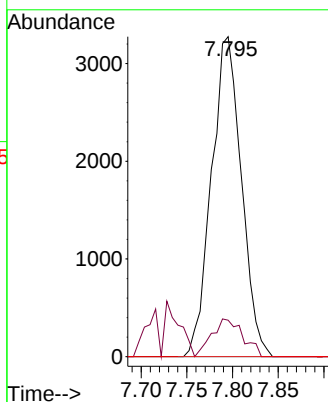
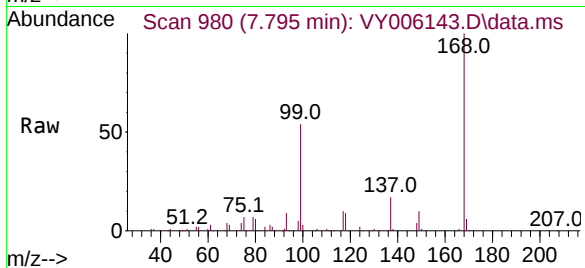
Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion: 75	Resp:	7466
Ion Ratio	Lower	Upper
75	100	
110	12.2	17.1 51.2#
77	0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.125 ug/l

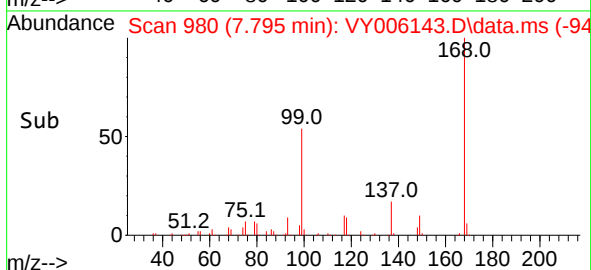
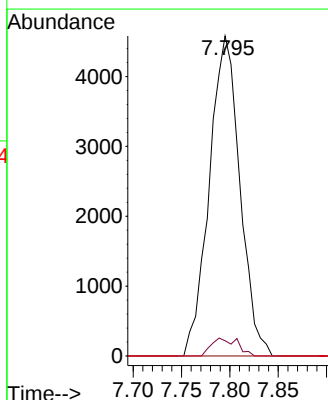
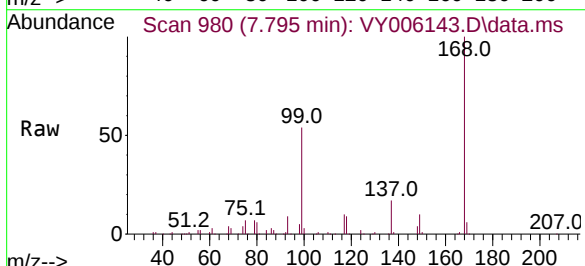
RT: 7.795 min Scan# 980

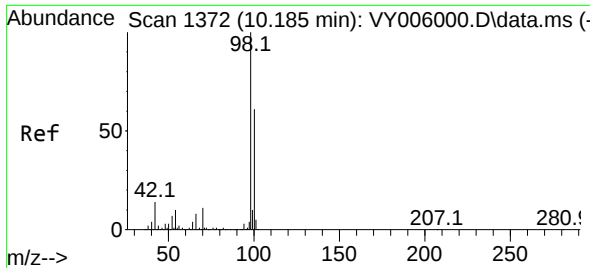
Delta R.T. -0.110 min

Lab File: VY006143.D

Acq: 24 Sep 2021 17:05

Tgt Ion: 117	Resp:	10077
Ion Ratio	Lower	Upper
117	100	
119	4.7	77.9 116.9#
121	0.0	24.8 37.2#

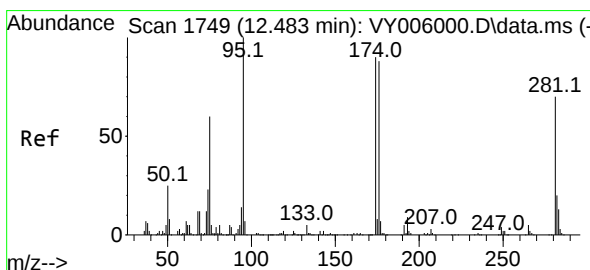
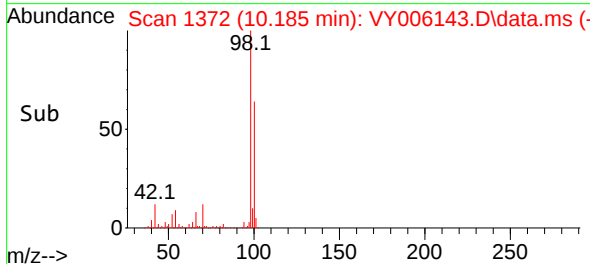
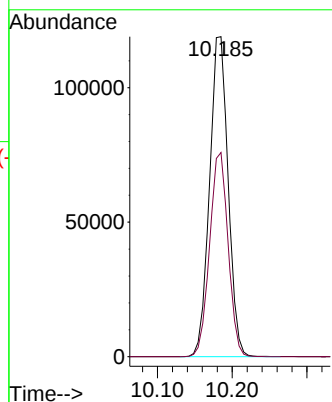
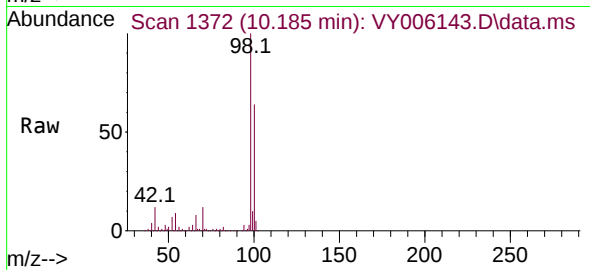




#50
Toluene-d8
Concen: 46.396 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

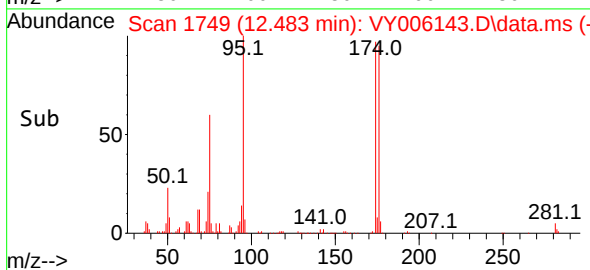
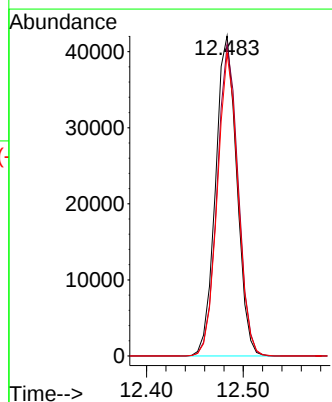
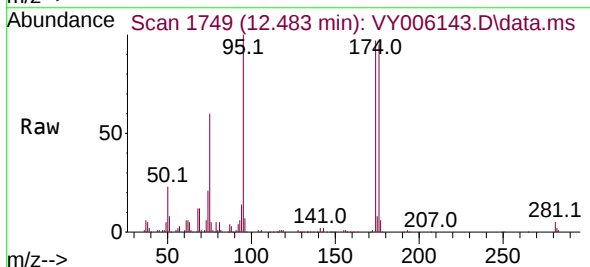
Instrument :
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ClientSampleId :
TP-1

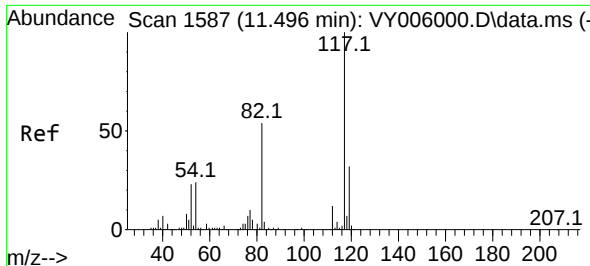
Tgt Ion: 98 Resp: 205522
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.618 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

Tgt Ion: 95 Resp: 64097
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 91.9 0.0 175.8

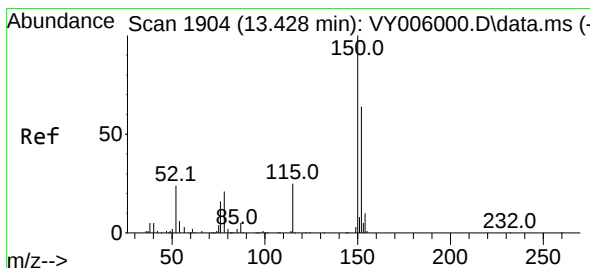
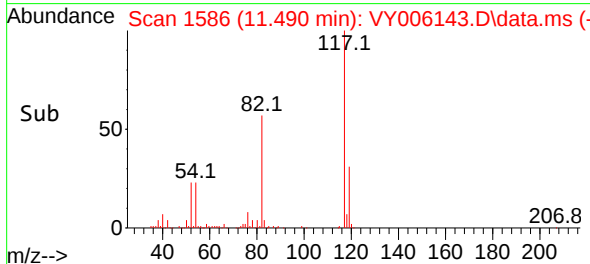
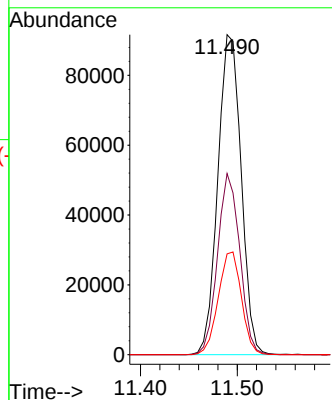
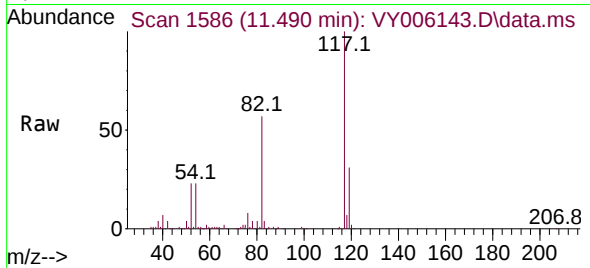




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

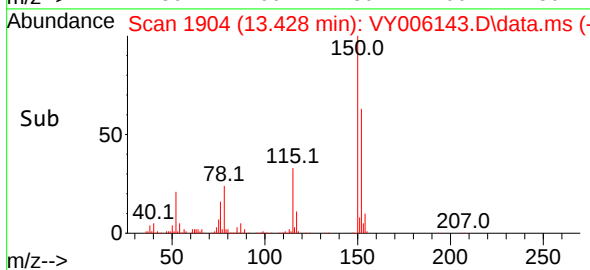
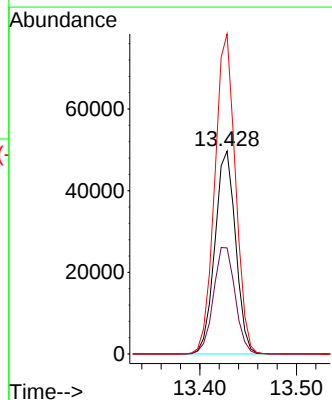
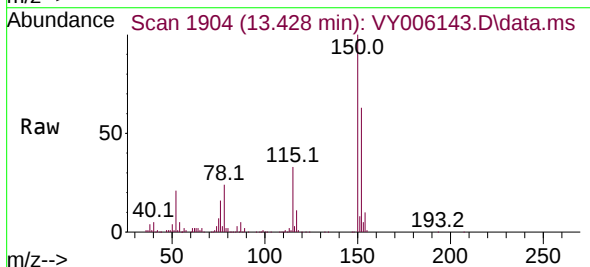
Instrument :
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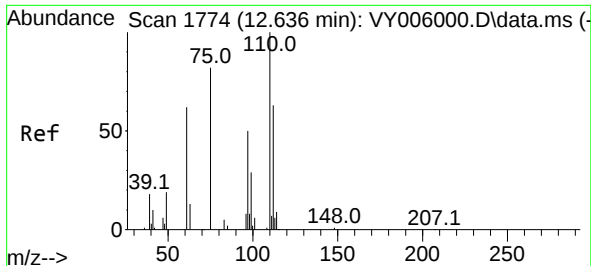
Tgt Ion:117 Resp: 153516
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

Tgt Ion:152 Resp: 74009
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 157.1 0.0 347.6

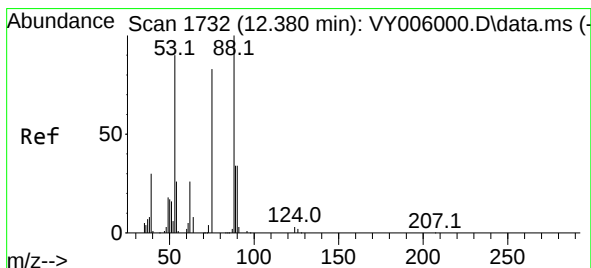
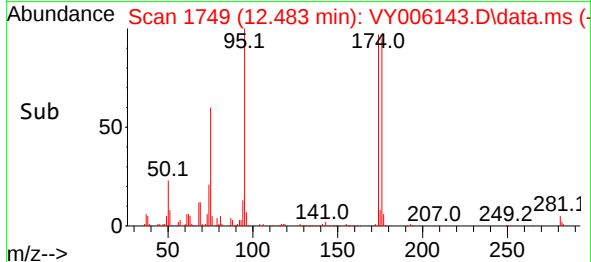
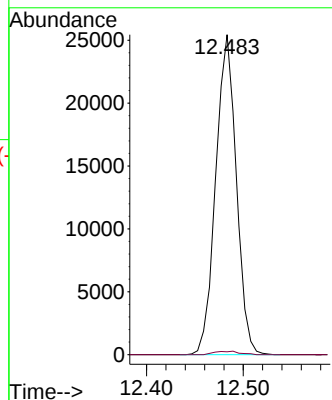
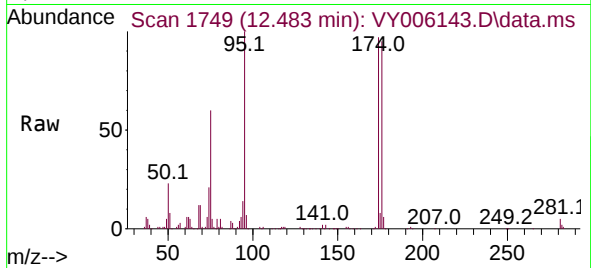




#76
1,2,3-Trichloropropane
Concen: 47.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

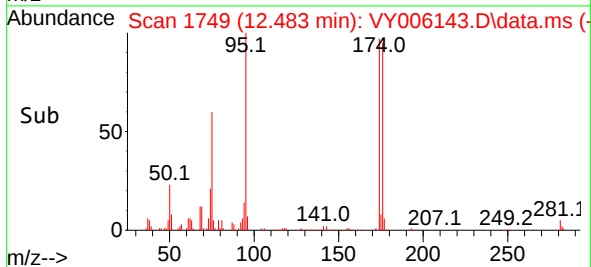
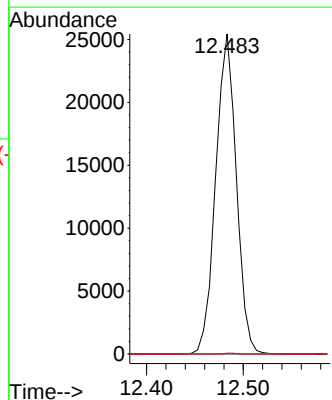
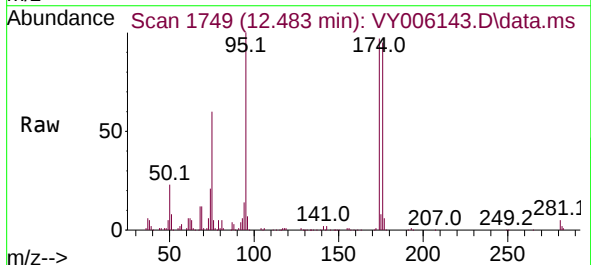
Instrument :
MSVOA_Y
ClientSampled :
TP-1

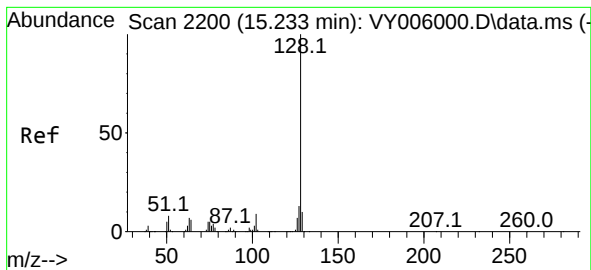
Tgt Ion: 75 Resp: 37615
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

Tgt Ion: 75 Resp: 37615
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 5.974 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006143.D
Acq: 24 Sep 2021 17:05

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.5	11.0	16.4
129	11.7	8.4	12.6

