

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008593.D
 Acq On : 03 May 2022 15:42
 Operator : KP/MD
 Sample : N2616-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20S

Quant Time: May 04 02:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

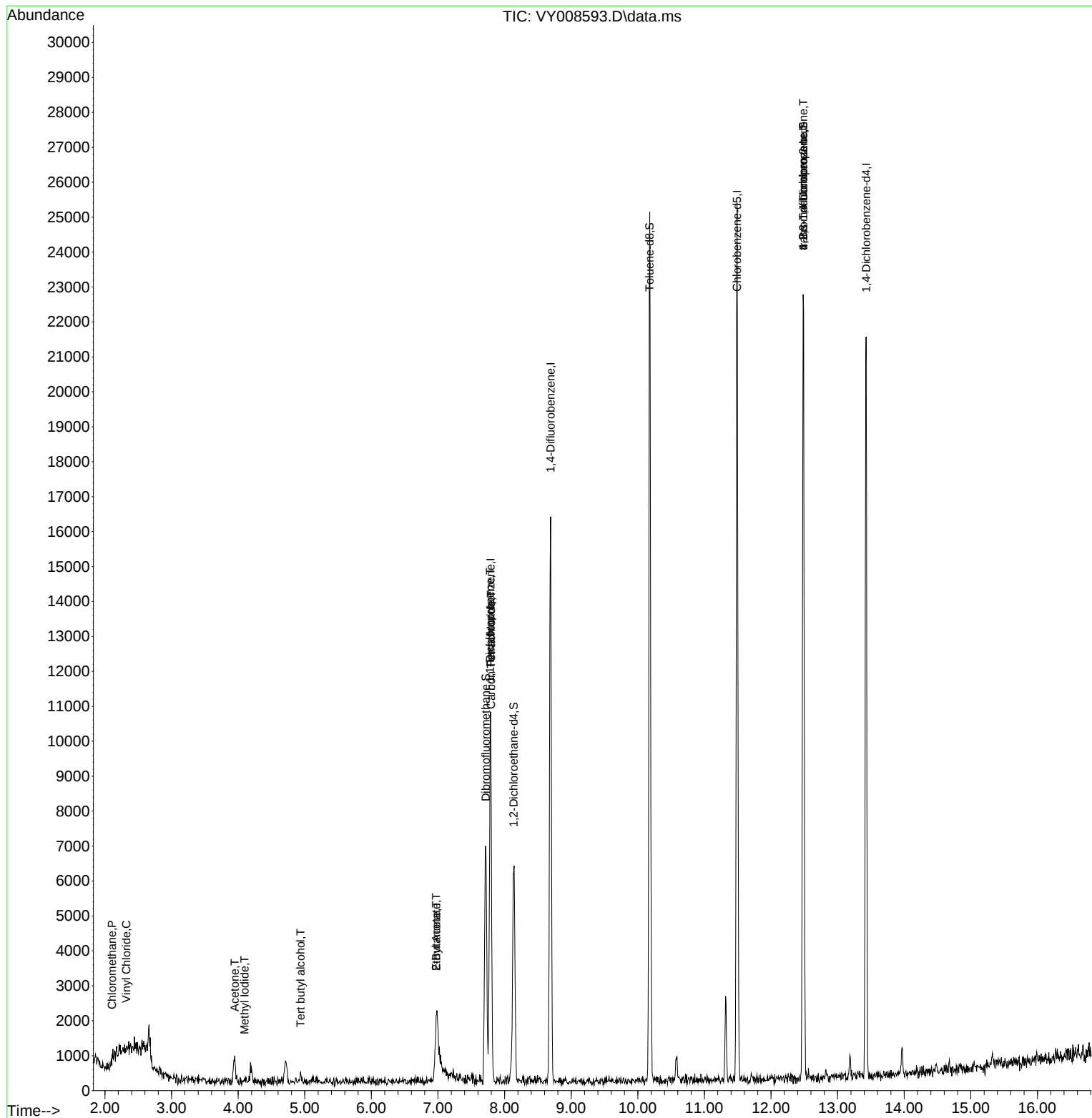
Internal Standards						
1) Pentafluorobenzene	7.789	168	9285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5102	56.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.080%
35) Dibromofluoromethane	7.716	113	4942	48.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.000%
50) Toluene-d8	10.179	98	17948	49.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.483	95	5830	44.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.120%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	126	1.165	ug/l #	44
4) Vinyl Chloride	2.320	62	134	1.030	ug/l #	43
5) Bromomethane	2.662	94	256	Below Cal		100
10) Methyl Iodide	4.094	142	152	1.186	ug/l #	35
11) Tert butyl alcohol	4.936	59	311	13.937	ug/l #	77
16) Acetone	3.948	43	1229	63.207	ug/l #	86
20) Methylene Chloride	4.704	84	344	Below Cal	#	57
25) 2-Butanone	6.972	43	104	3.332	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	658	4.153	ug/l #	42
37) Ethyl Acetate	6.972	43	104	1.280	ug/l #	72
38) Carbon Tetrachloride	7.795	117	801	4.431	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2811	41.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2811	84.049	ug/l #	7

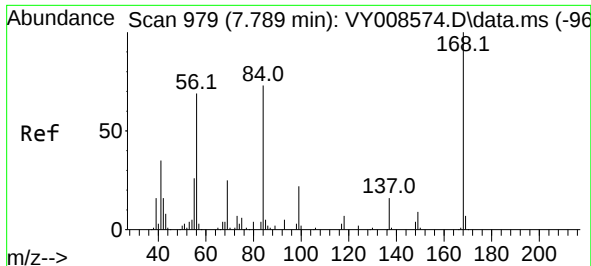
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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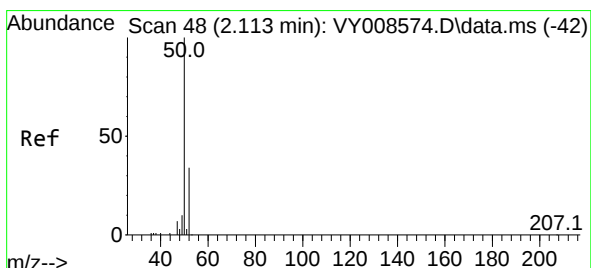
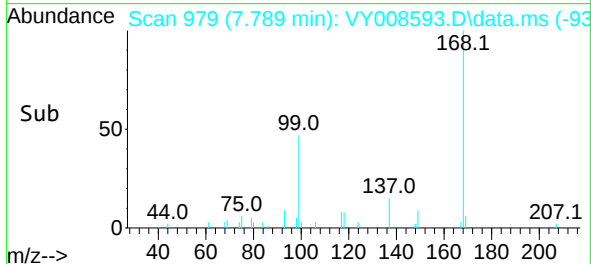
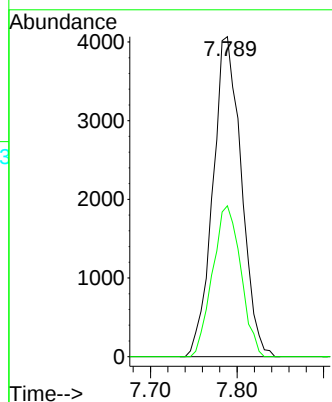
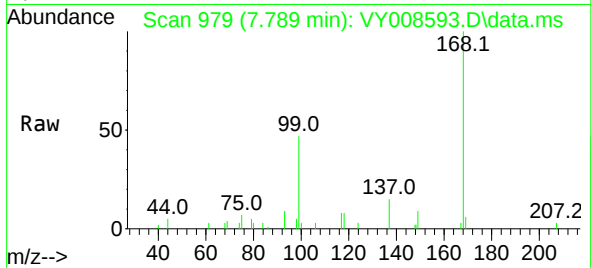




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

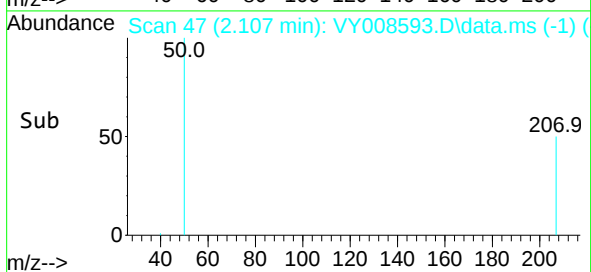
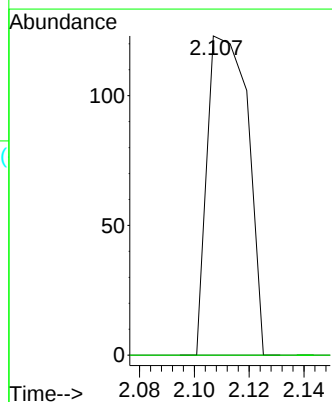
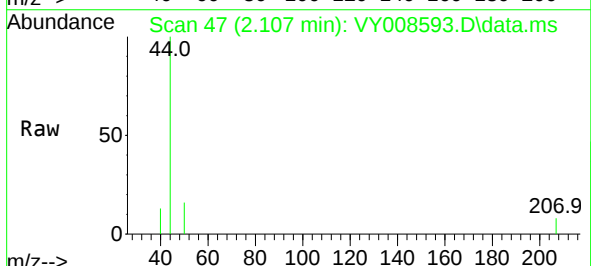
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

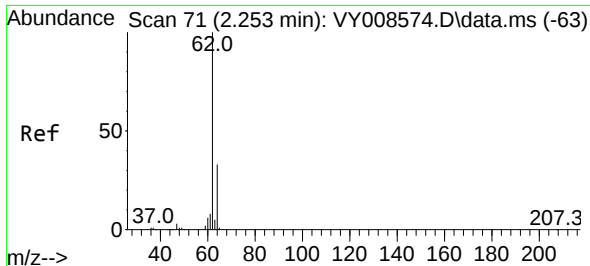
Tgt Ion:168 Resp: 9285
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#3
Chloromethane
Concen: 1.165 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 50 Resp: 126
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

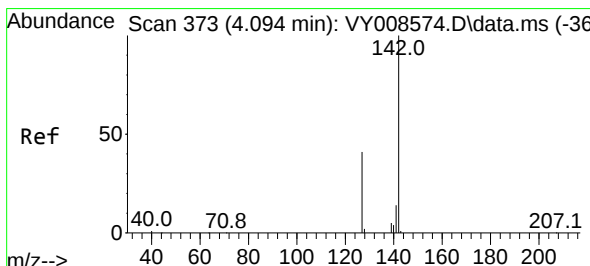
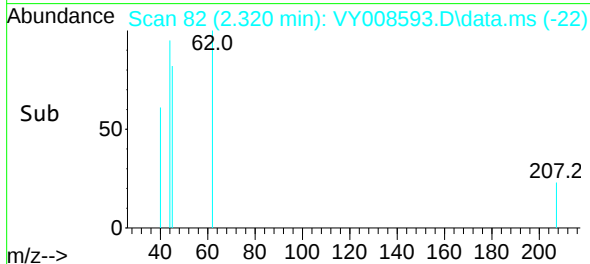
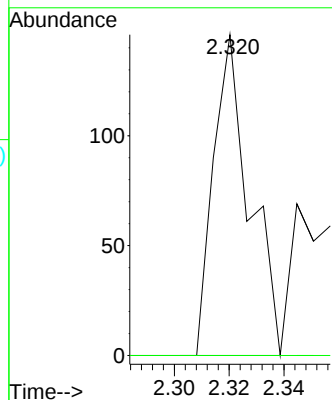
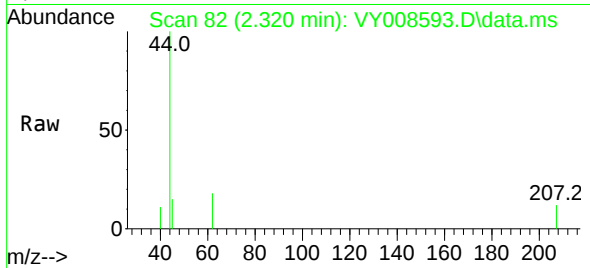




#4
 Vinyl Chloride
 Concen: 1.030 ug/l
 RT: 2.320 min Scan# 81
 Delta R.T. 0.067 min
 Lab File: VY008593.D
 Acq: 03 May 2022 15:42

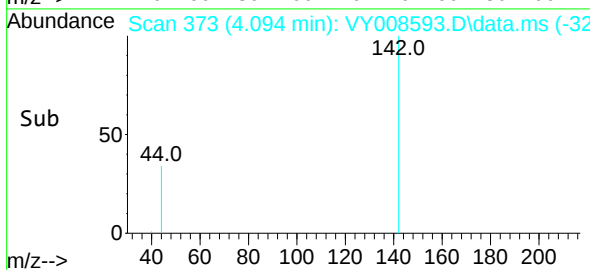
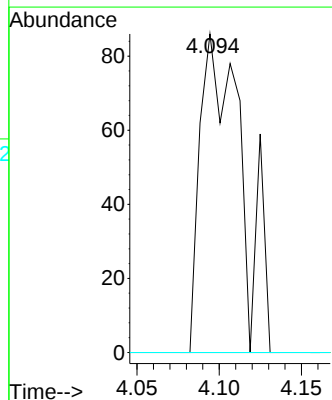
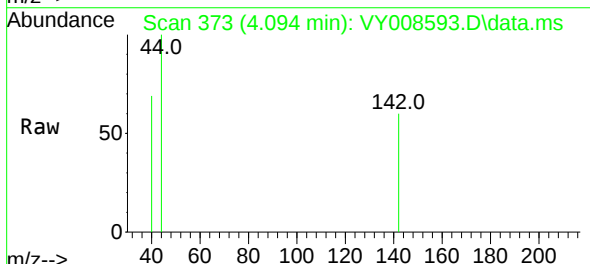
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20S

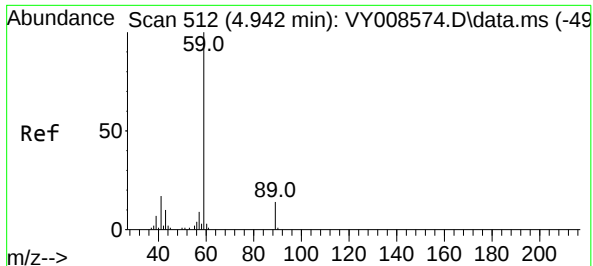
Tgt Ion: 62 Resp: 134
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#10
 Methyl Iodide
 Concen: 1.186 ug/l
 RT: 4.094 min Scan# 373
 Delta R.T. -0.000 min
 Lab File: VY008593.D
 Acq: 03 May 2022 15:42

Tgt Ion: 142 Resp: 152
 Ion Ratio Lower Upper
 142 100
 127 0.0 41.5 62.3#
 141 0.0 11.9 17.9#

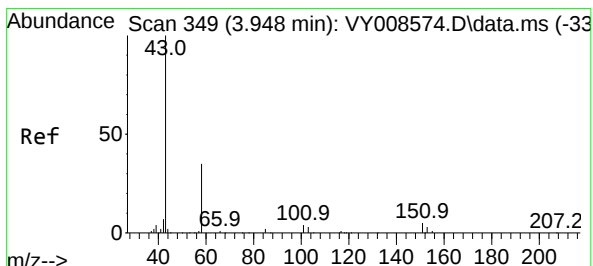
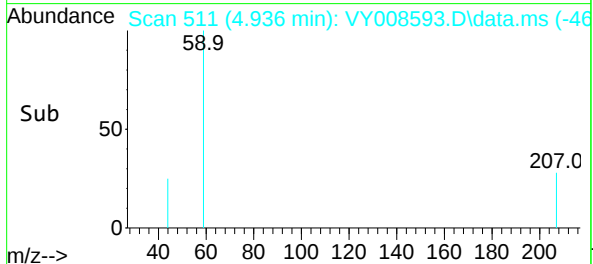
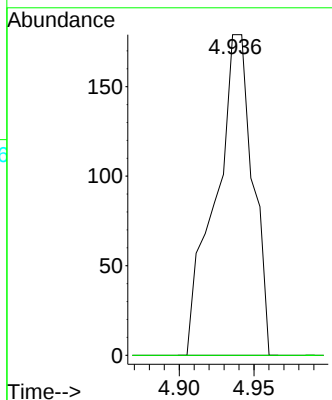
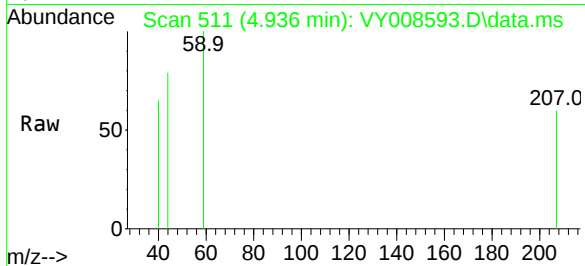




#11
Tert butyl alcohol
Concen: 13.937 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

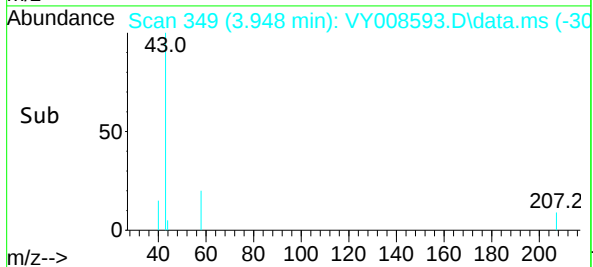
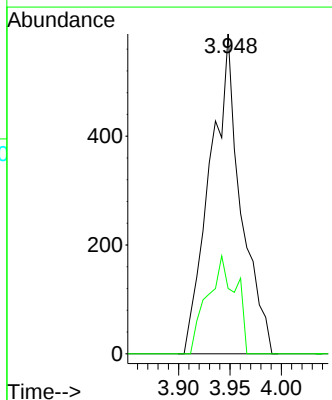
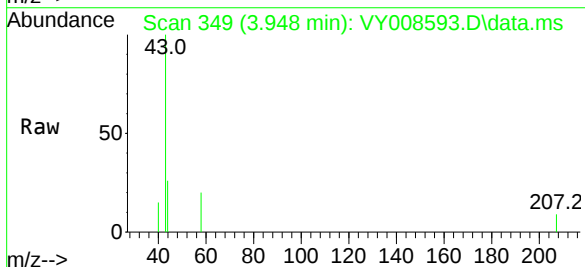
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

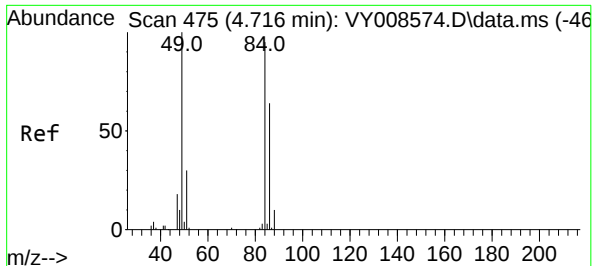
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 63.207 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 20.4 22.0 33.0#

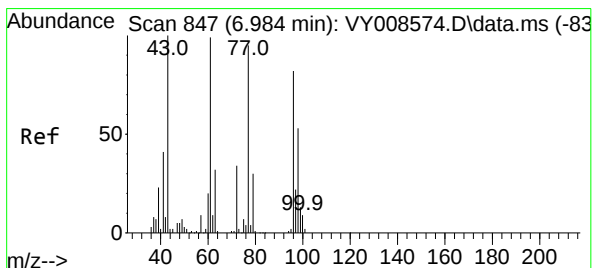
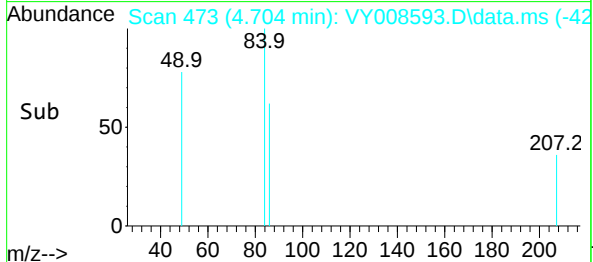
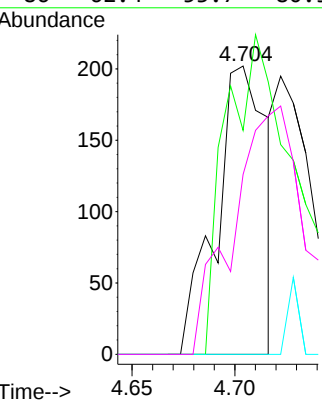
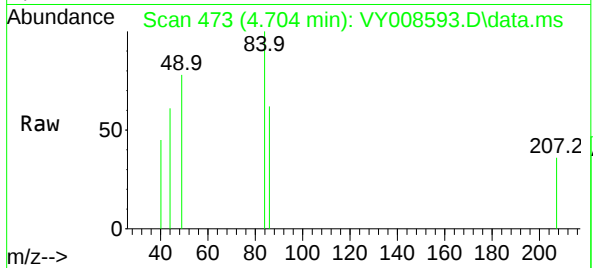




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

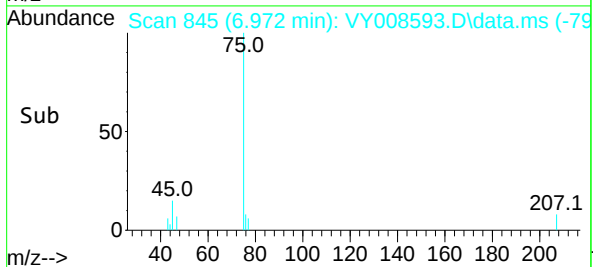
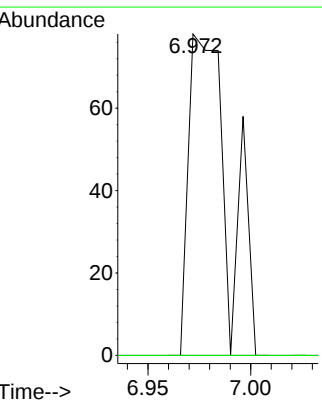
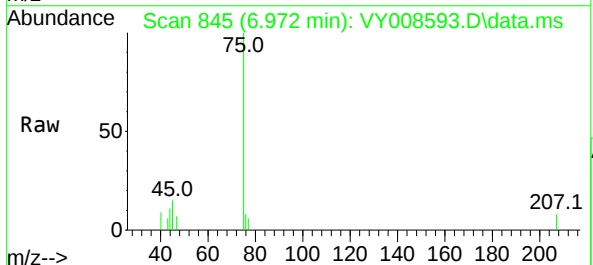
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

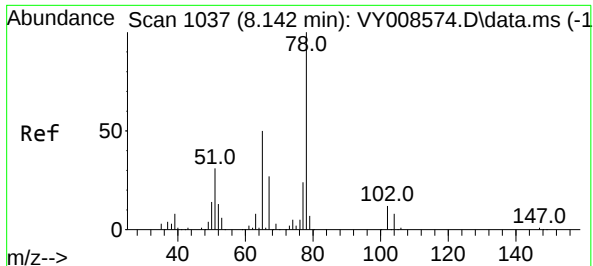
Tgt Ion: 84 Resp: 344
Ion Ratio Lower Upper
84 100
49 77.7 114.4 171.6#
51 0.0 35.3 52.9#
86 62.4 53.7 80.5



#25
2-Butanone
Concen: 3.332 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 56.536 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008593.D

Acq: 03 May 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

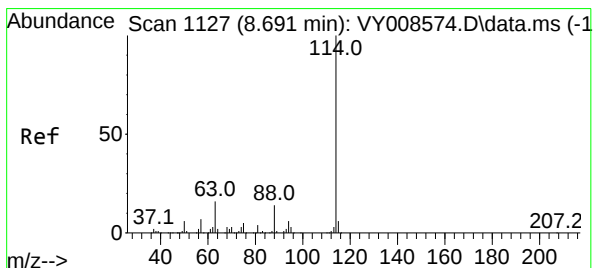
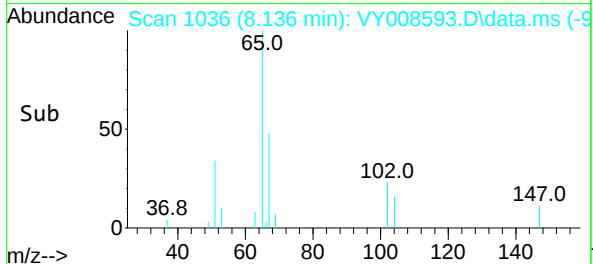
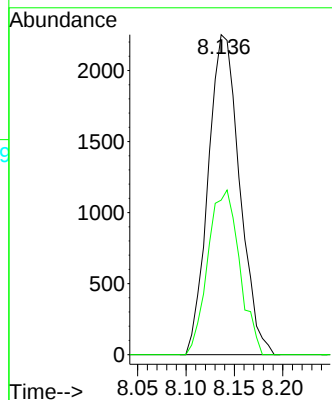
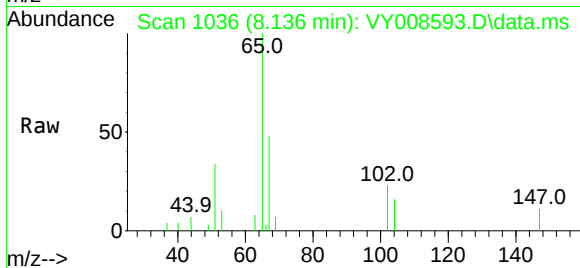
MH-20S

Tgt Ion: 65 Resp: 5102

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008593.D

Acq: 03 May 2022 15:42

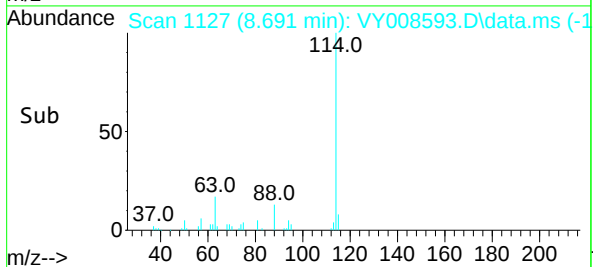
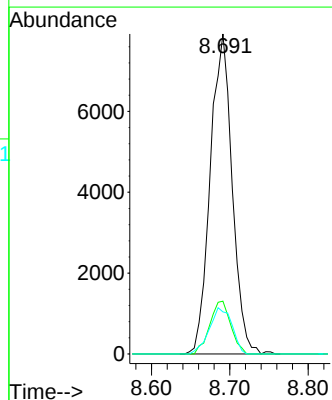
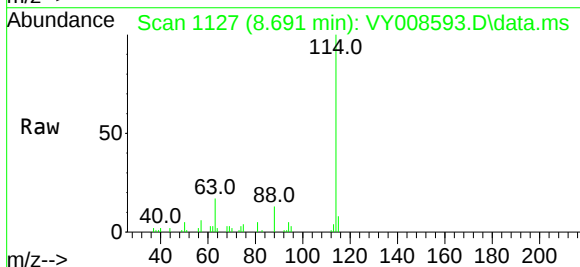
Tgt Ion: 114 Resp: 15399

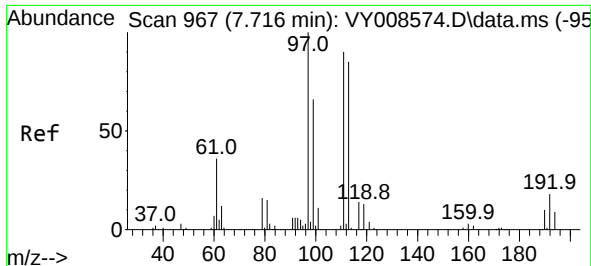
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.1 0.0 31.8

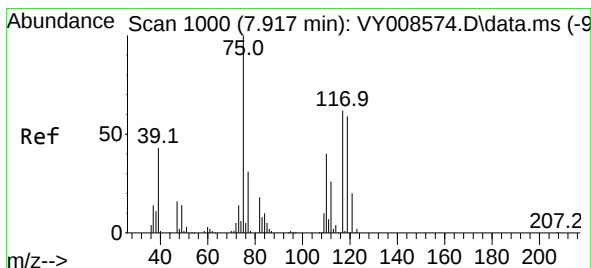
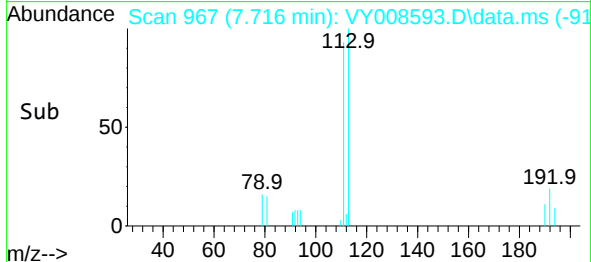
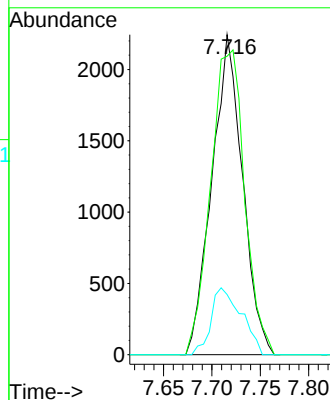
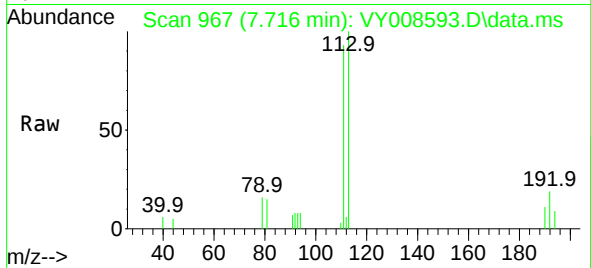




#35
Dibromofluoromethane
Concen: 48.501 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

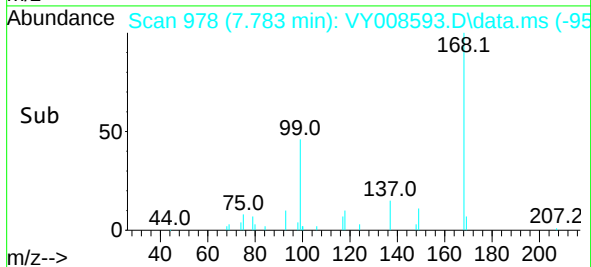
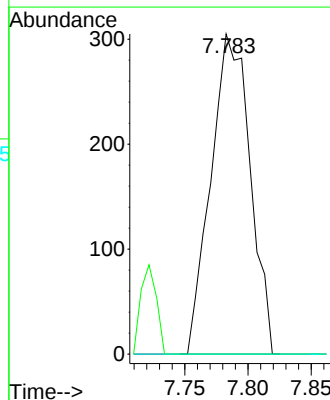
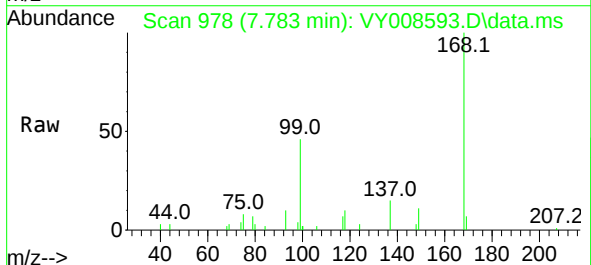
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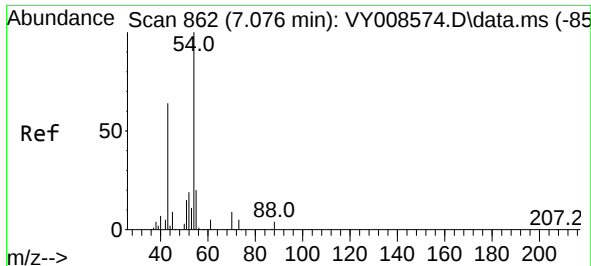
Tgt Ion:113 Resp: 4942
Ion Ratio Lower Upper
113 100
111 105.7 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 75 Resp: 658
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.280 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY008593.D

Acq: 03 May 2022 15:42

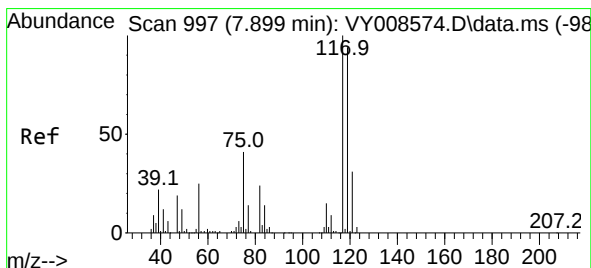
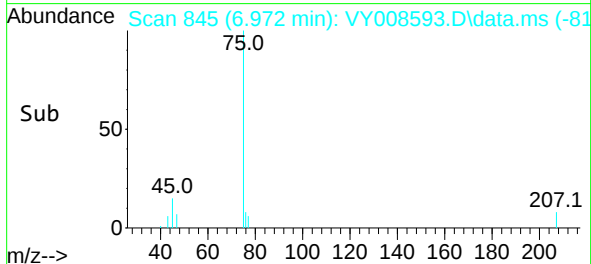
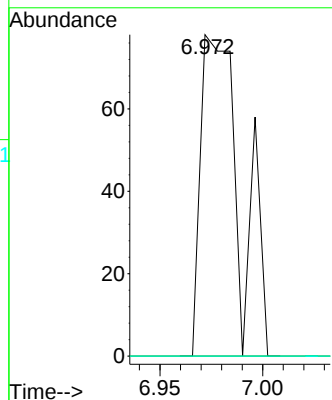
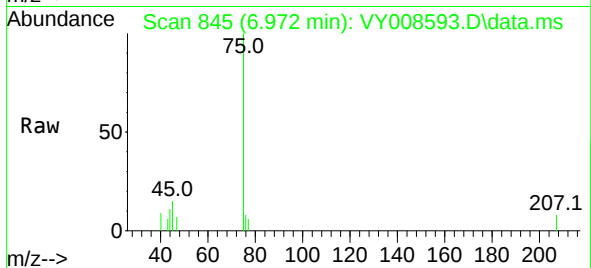
Instrument :

MSVOA_Y

ClientSampleId :

MH-20S

Tgt Ion: 43	Resp:	104
Ion	Ratio	Lower Upper
43	100	
61	0.0	9.7 14.5#
70	0.0	7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.431 ug/l

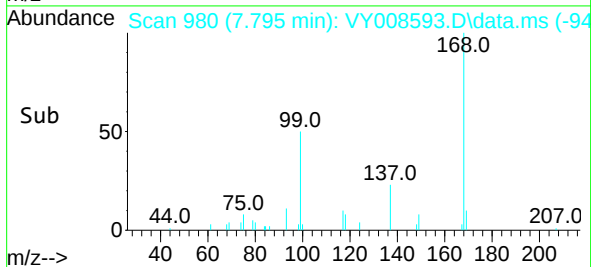
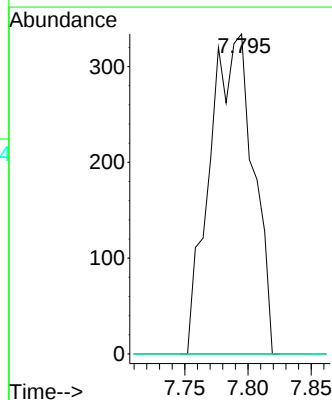
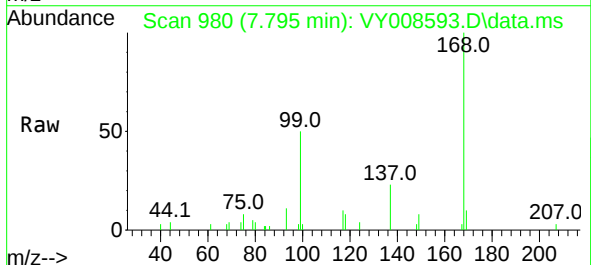
RT: 7.795 min Scan# 980

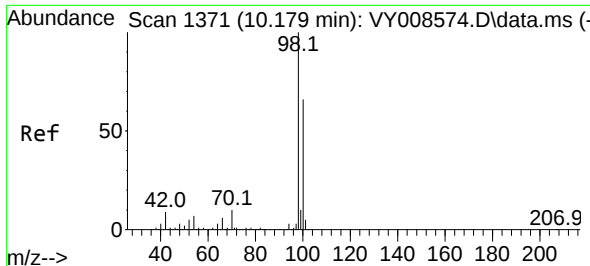
Delta R.T. -0.104 min

Lab File: VY008593.D

Acq: 03 May 2022 15:42

Tgt Ion: 117	Resp:	801
Ion	Ratio	Lower Upper
117	100	
119	0.0	77.9 116.9#
121	0.0	24.8 37.2#

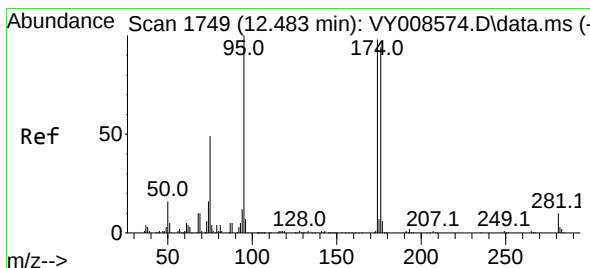
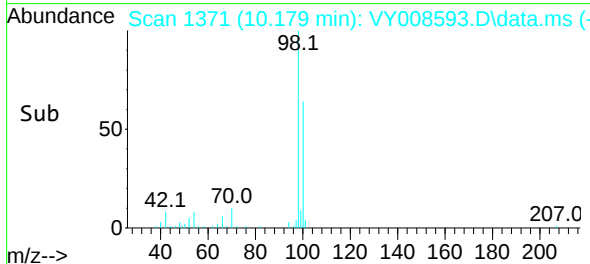
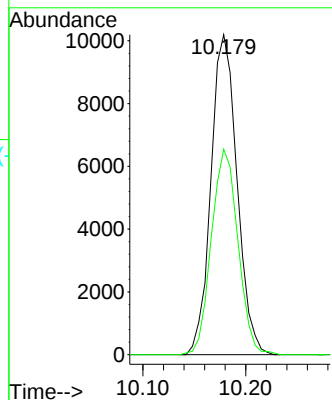
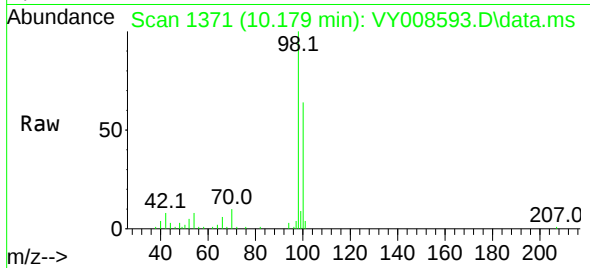




#50
Toluene-d8
Concen: 49.718 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

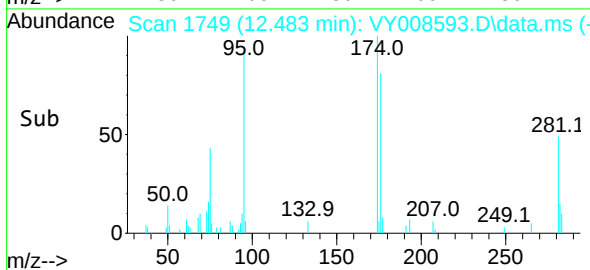
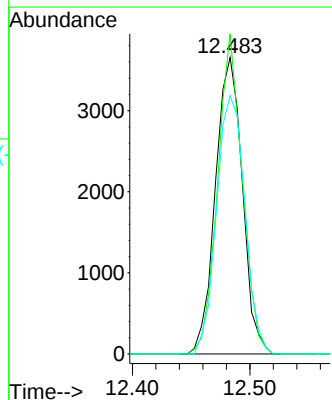
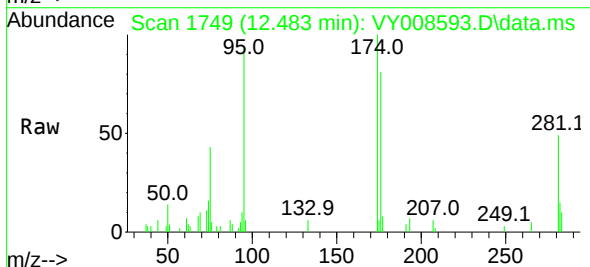
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

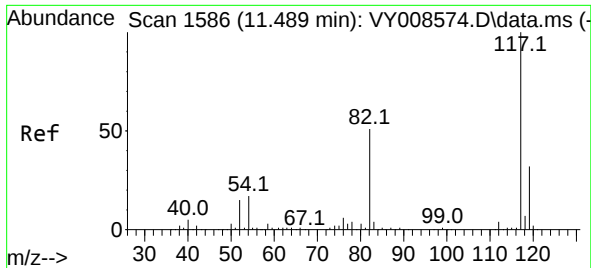
Tgt Ion: 98 Resp: 17948
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.062 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 95 Resp: 5830
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 91.3 0.0 175.8

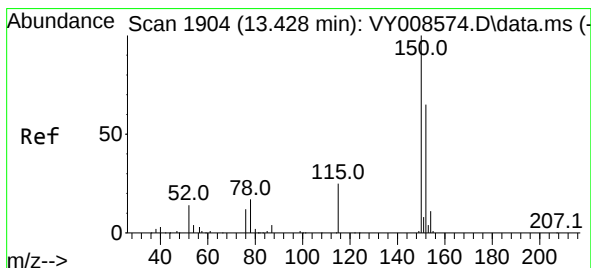
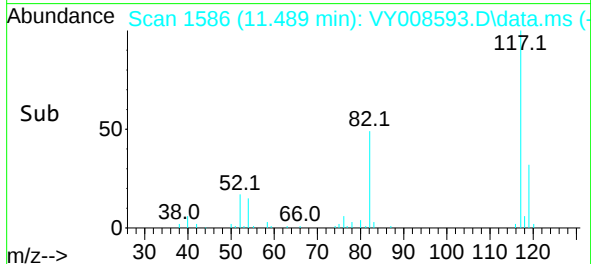
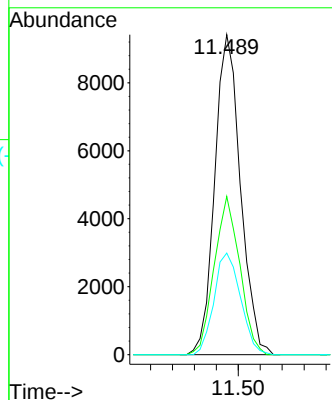
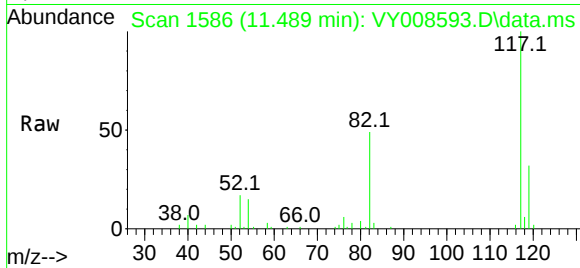




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

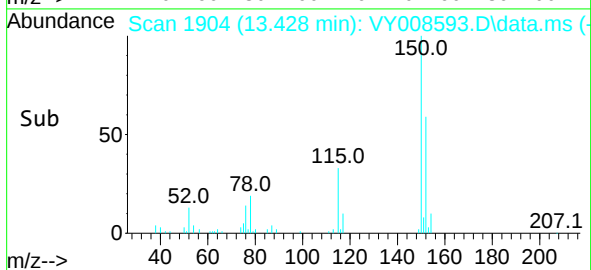
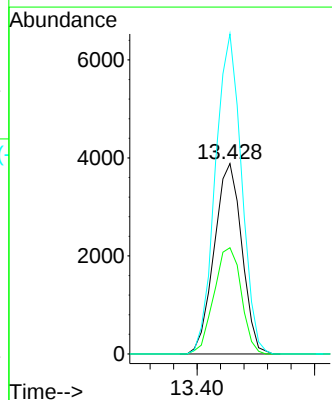
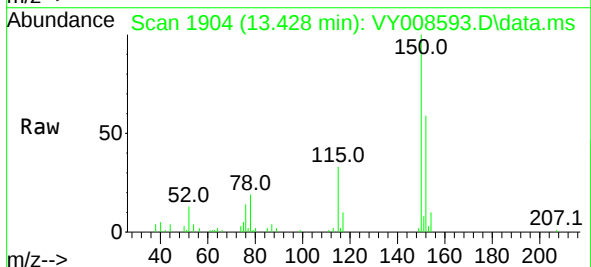
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

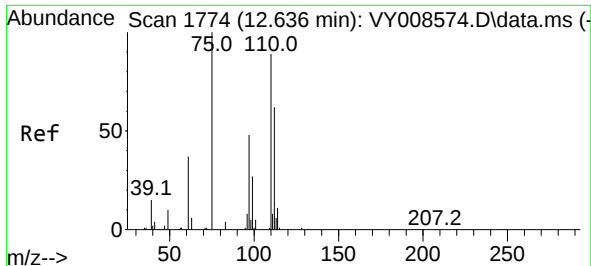
Tgt Ion:	117	Resp:	15360
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion:	152	Resp:	6352
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	159.1	0.0	347.6

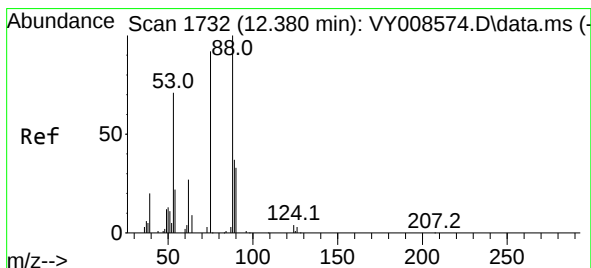
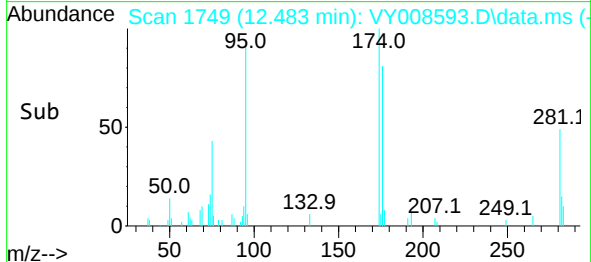
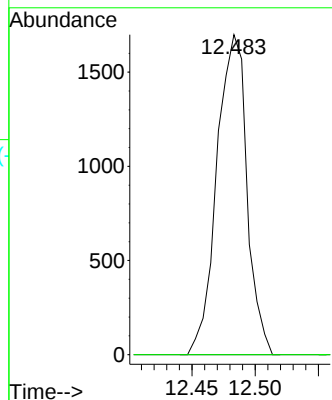
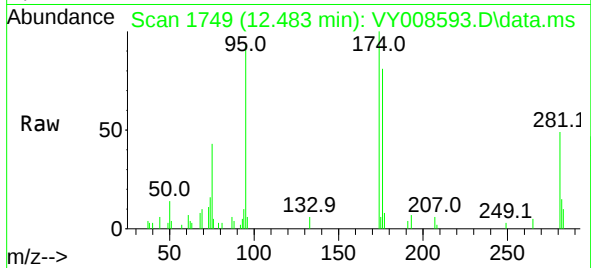




#76
1,2,3-Trichloropropane
Concen: 41.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

Tgt Ion: 75 Resp: 2811
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 84.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 75 Resp: 2811
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

