

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008097.D
 Acq On : 29 Mar 2022 19:10
 Operator : SY/MD
 Sample : N2151-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:02:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

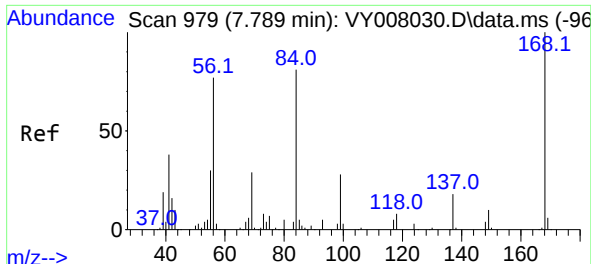
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	4372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3051	69.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.120%	
35) Dibromofluoromethane	7.716	113	2327	45.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.680%	
50) Toluene-d8	10.185	98	9619	49.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.489	95	3059	44.841	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.680%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	116	2.417	ug/l #	44
10) Methyl Iodide	4.101	142	198	4.966	ug/l #	35
16) Acetone	3.954	43	20	1.995	ug/l #	47
20) Methylene Chloride	4.716	84	18	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	239	2.965	ug/l #	42
38) Carbon Tetrachloride	7.783	117	445	5.065	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	1628	52.683	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1628	117.544	ug/l #	7

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

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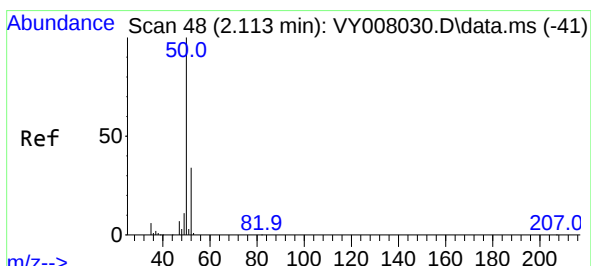
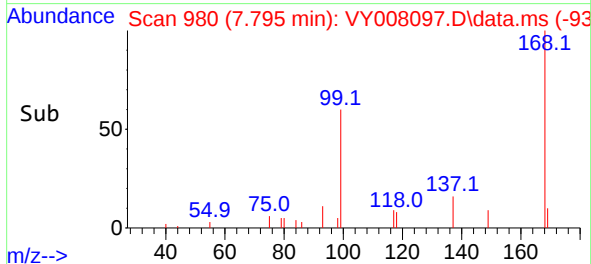
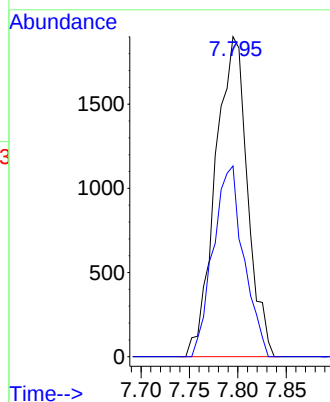
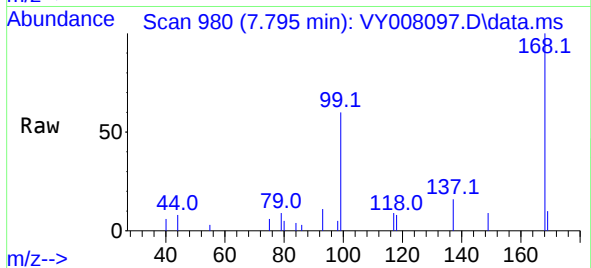




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

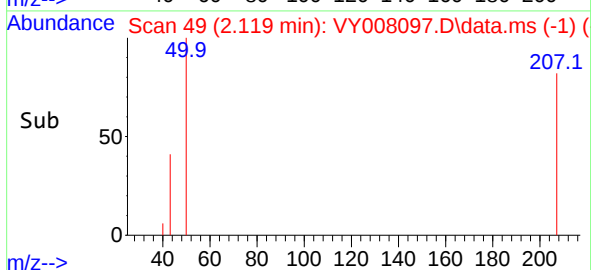
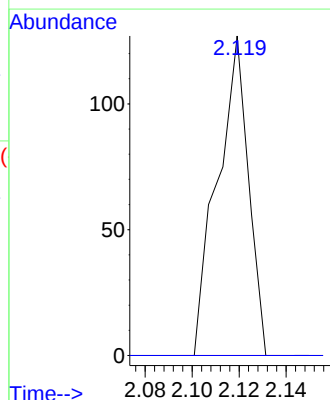
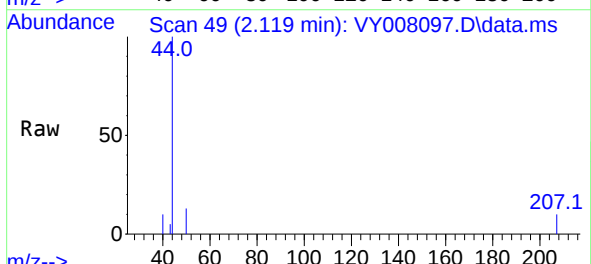
Instrument :
MSVOA_Y
ClientSampleId :

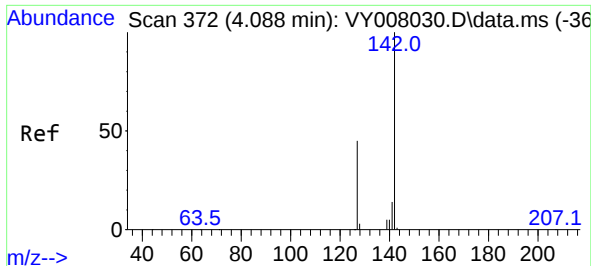
Tgt Ion:168 Resp: 4372
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3



#3
Chloromethane
Concen: 2.417 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

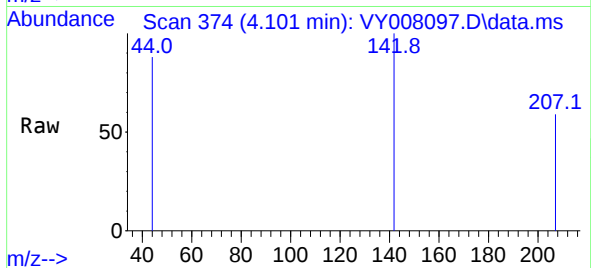
Tgt Ion: 50 Resp: 116
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



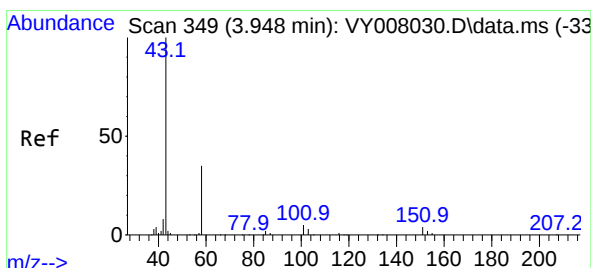
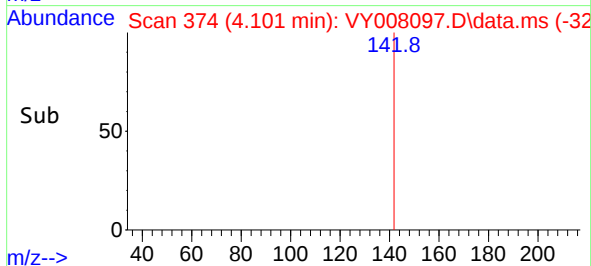
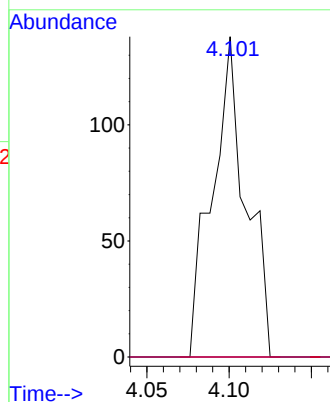


#10
Methyl Iodide
Concen: 4.966 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :

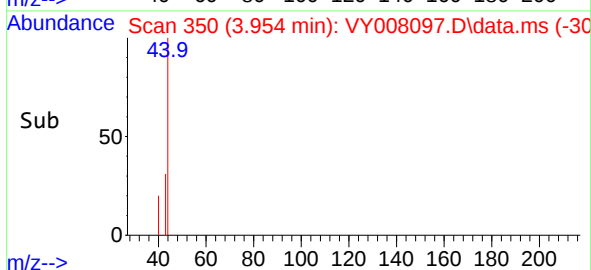
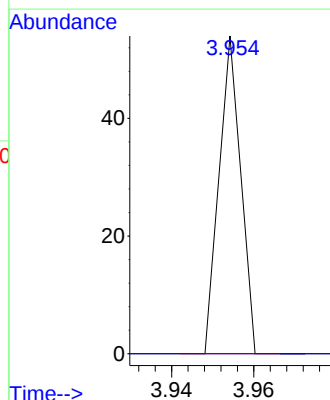
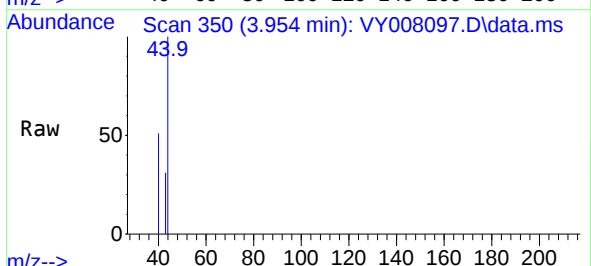


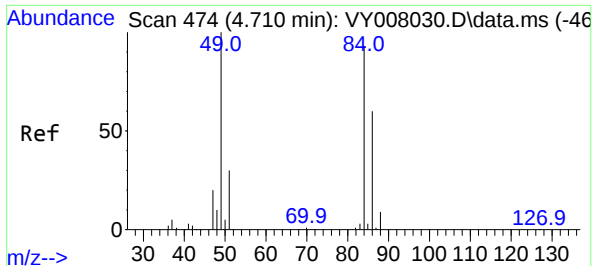
Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 1.995 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

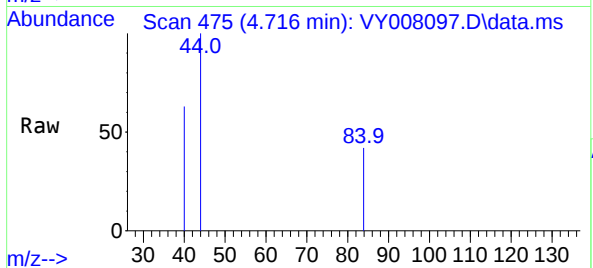
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



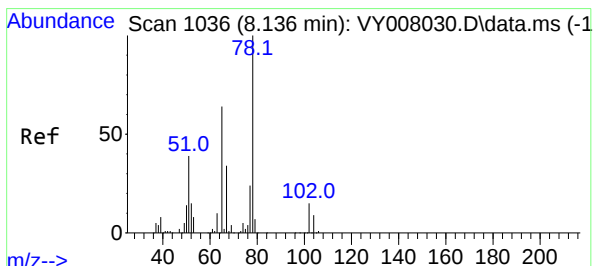
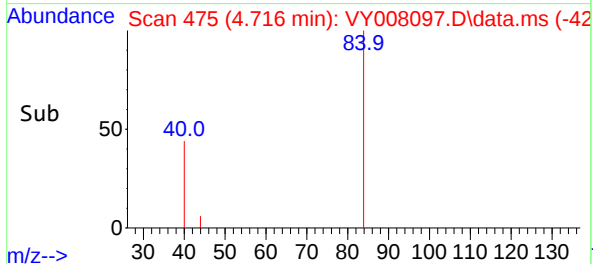
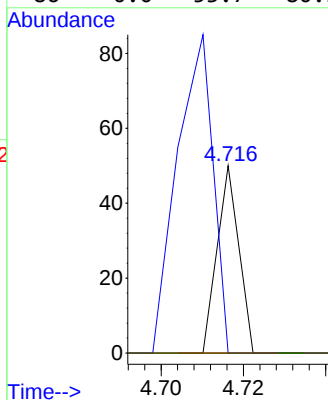


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :

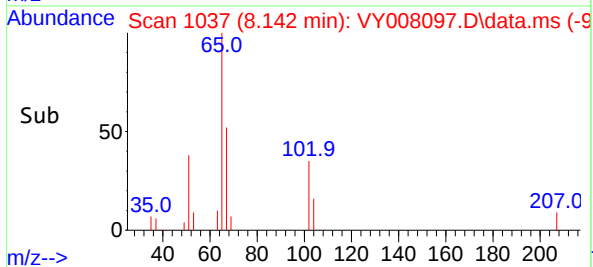
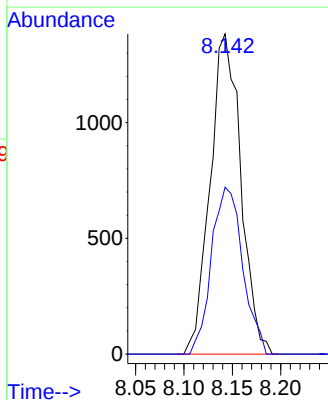
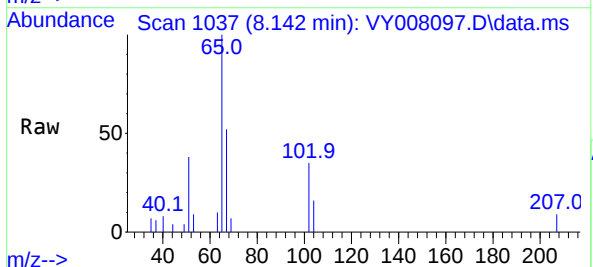


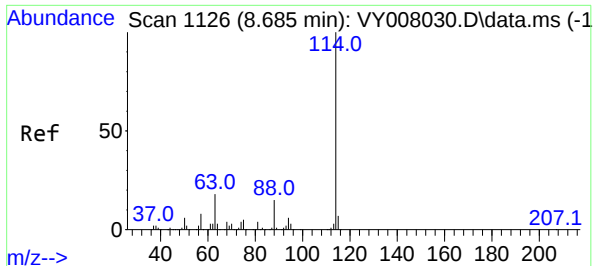
Tgt Ion: 84 Resp: 18
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 69.555 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

Tgt Ion: 65 Resp: 3051
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008097.D

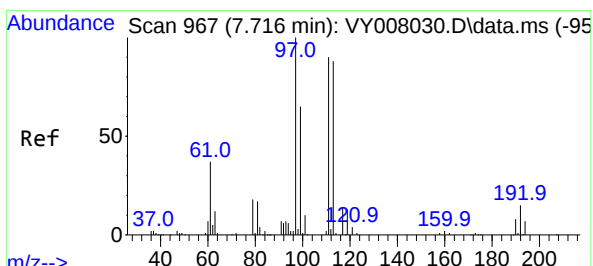
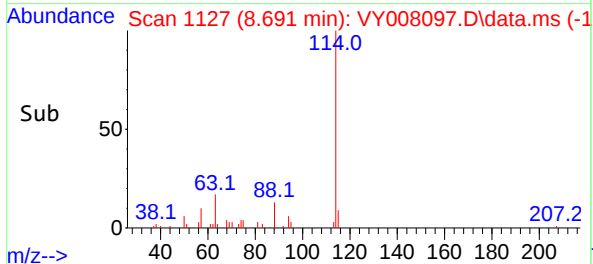
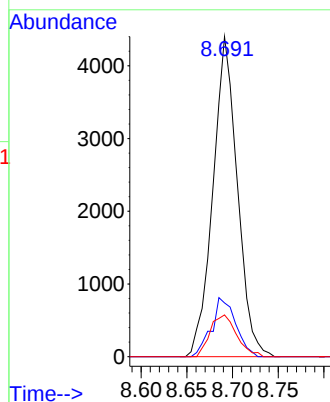
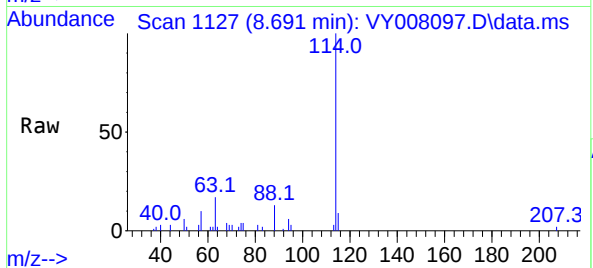
Acq: 29 Mar 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	8186
Ion Ratio	Lower	Upper
114	100	
63	16.8	0.0 43.2
88	13.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 45.339 ug/l

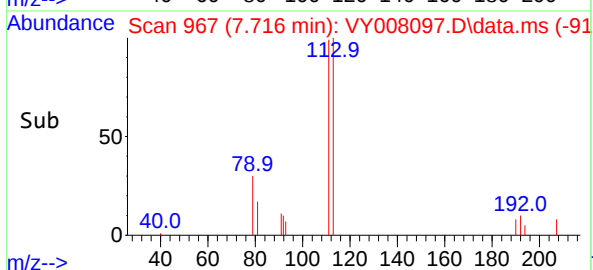
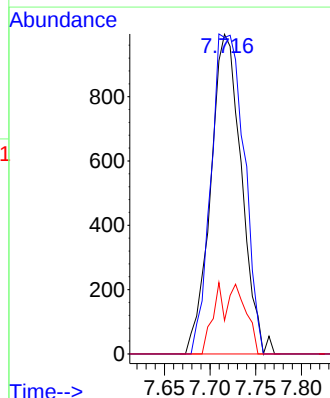
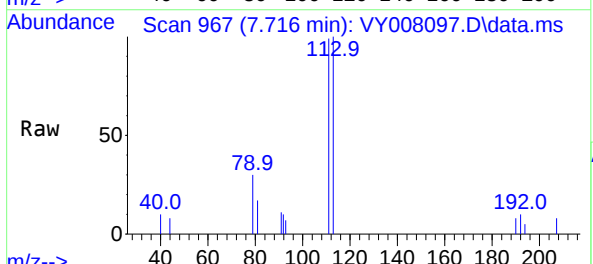
RT: 7.716 min Scan# 967

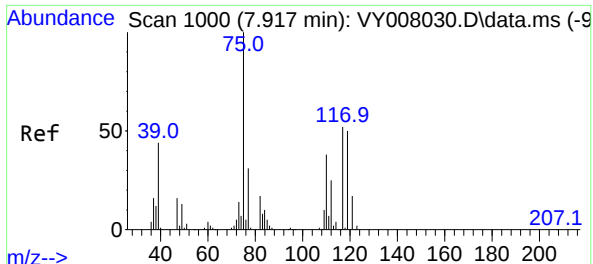
Delta R.T. -0.000 min

Lab File: VY008097.D

Acq: 29 Mar 2022 19:10

Tgt Ion:113	Resp:	2327
Ion Ratio	Lower	Upper
113	100	
111	107.4	82.6 124.0
192	8.2	17.6 26.4





#36

1,1-Dichloropropene

Concen: 2.965 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

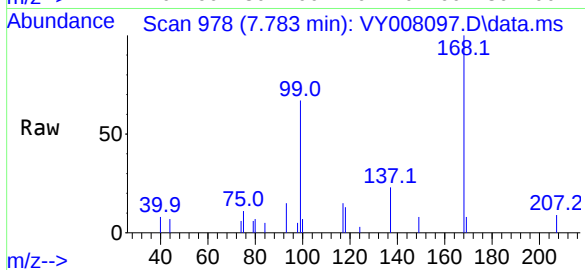
Lab File: VY008097.D

Acq: 29 Mar 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :



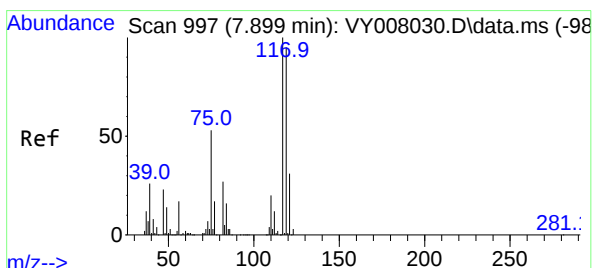
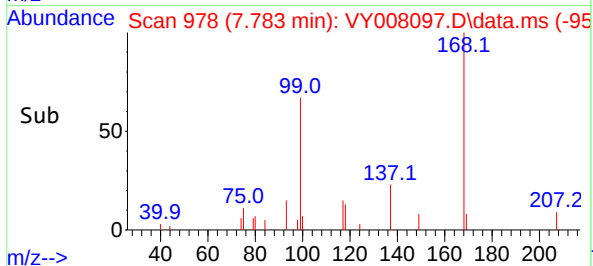
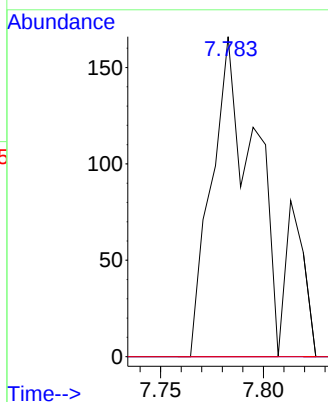
Tgt Ion: 75 Resp: 239

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.065 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008097.D

Acq: 29 Mar 2022 19:10

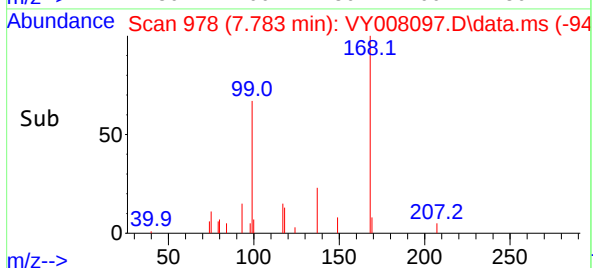
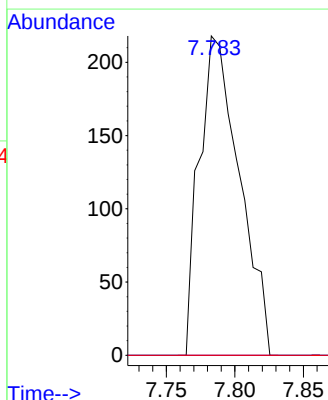
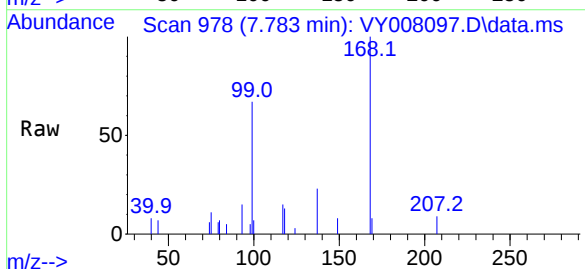
Tgt Ion: 117 Resp: 445

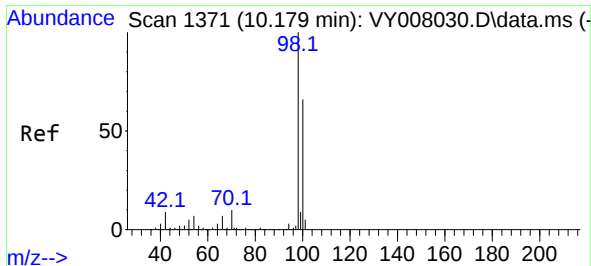
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

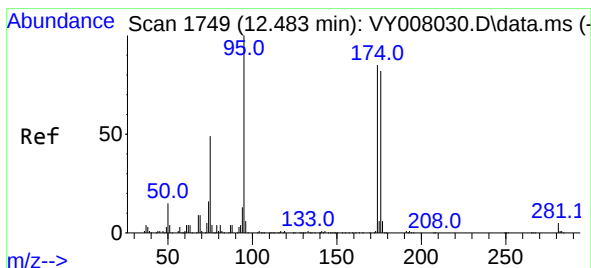
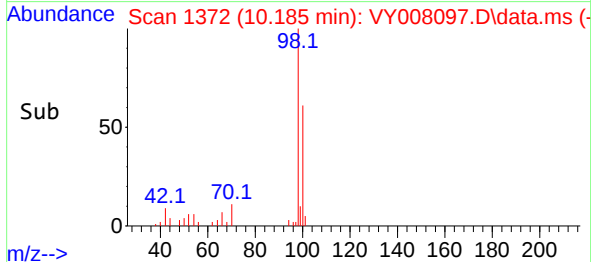
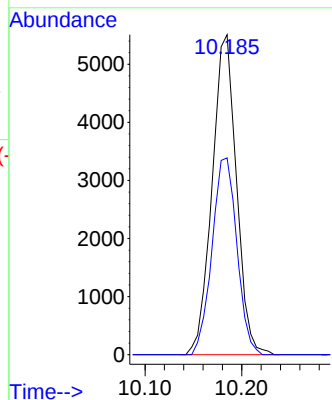
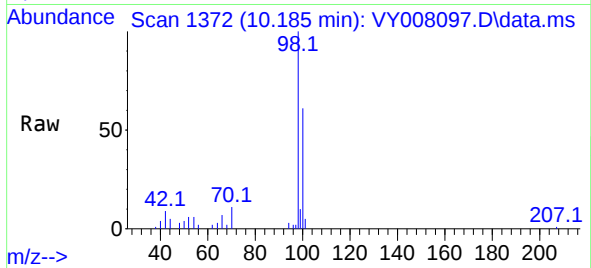




#50
Toluene-d8
Concen: 49.746 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

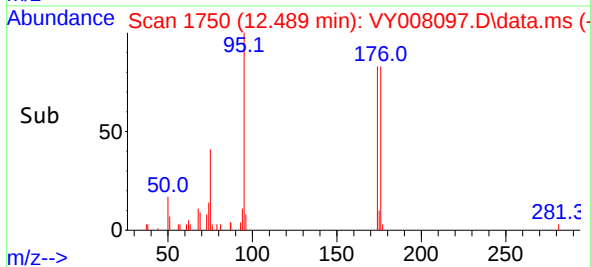
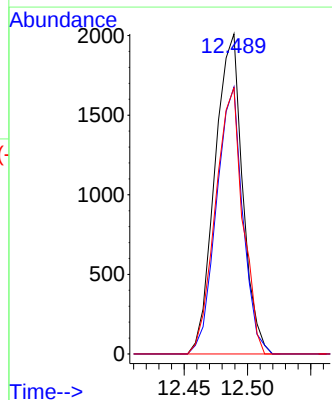
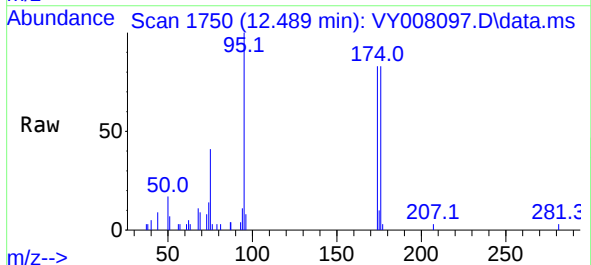
Instrument :
MSVOA_Y
ClientSampleId :

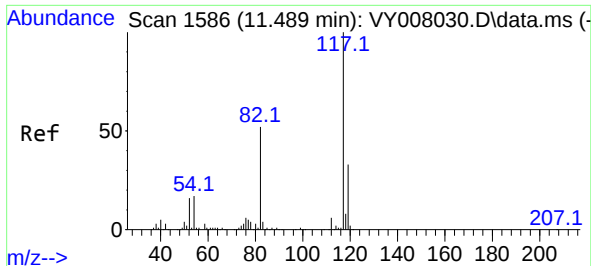
Tgt Ion: 98 Resp: 9619
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.841 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

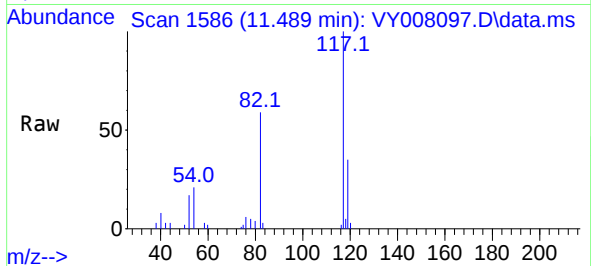
Tgt Ion: 95 Resp: 3059
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 82.1 0.0 175.8



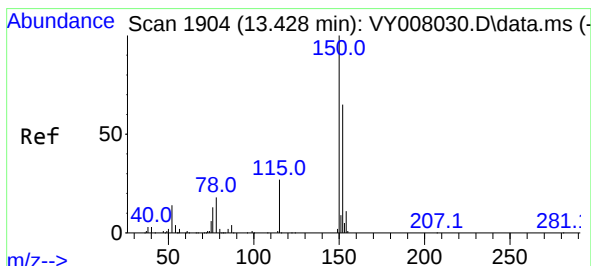
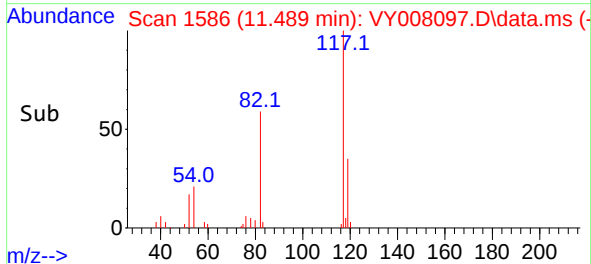
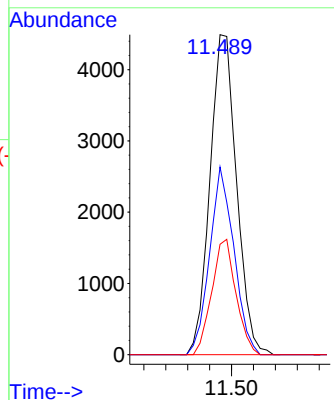


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :

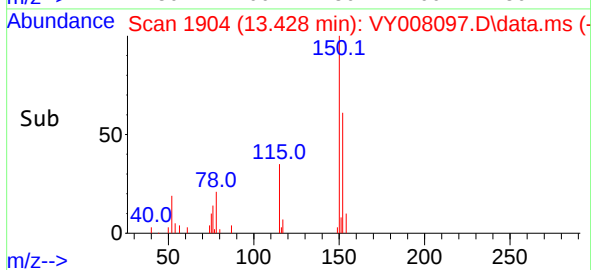
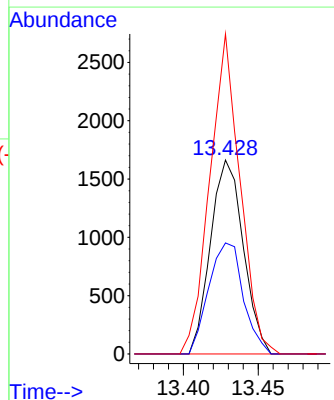
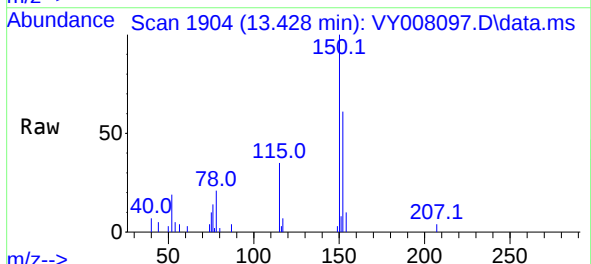


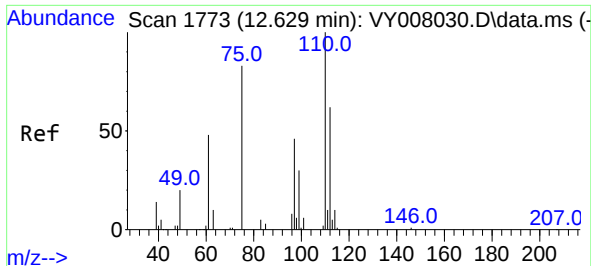
Tgt Ion:	117	Resp:	7582
Ion Ratio	Lower	Upper	
117	100		
82	58.7	43.0	64.4
119	34.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

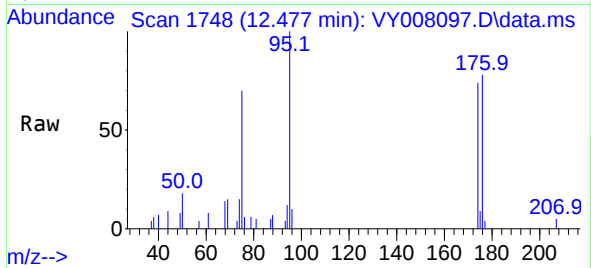
Tgt Ion:	152	Resp:	2535
Ion Ratio	Lower	Upper	
152	100		
115	60.3	28.2	84.7
150	152.0	0.0	347.6



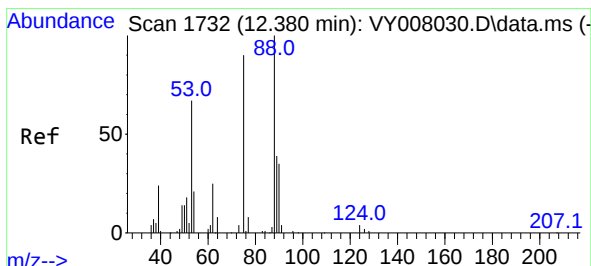
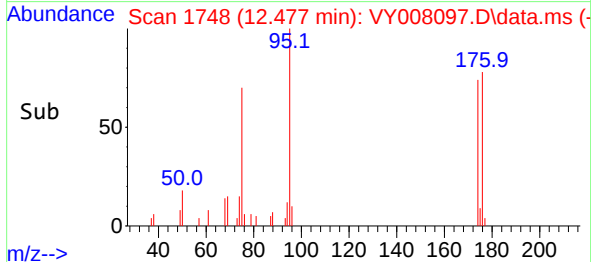
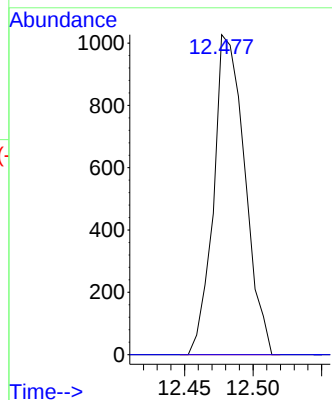


#76
1,2,3-Trichloropropane
Concen: 52.683 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 1628
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 117.544 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008097.D
Acq: 29 Mar 2022 19:10

Tgt Ion: 75 Resp: 1628
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

