

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008236.D
 Acq On : 06 Apr 2022 15:44
 Operator : SY/MD
 Sample : N2281-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040622

Quant Time: Apr 07 02:12:31 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)

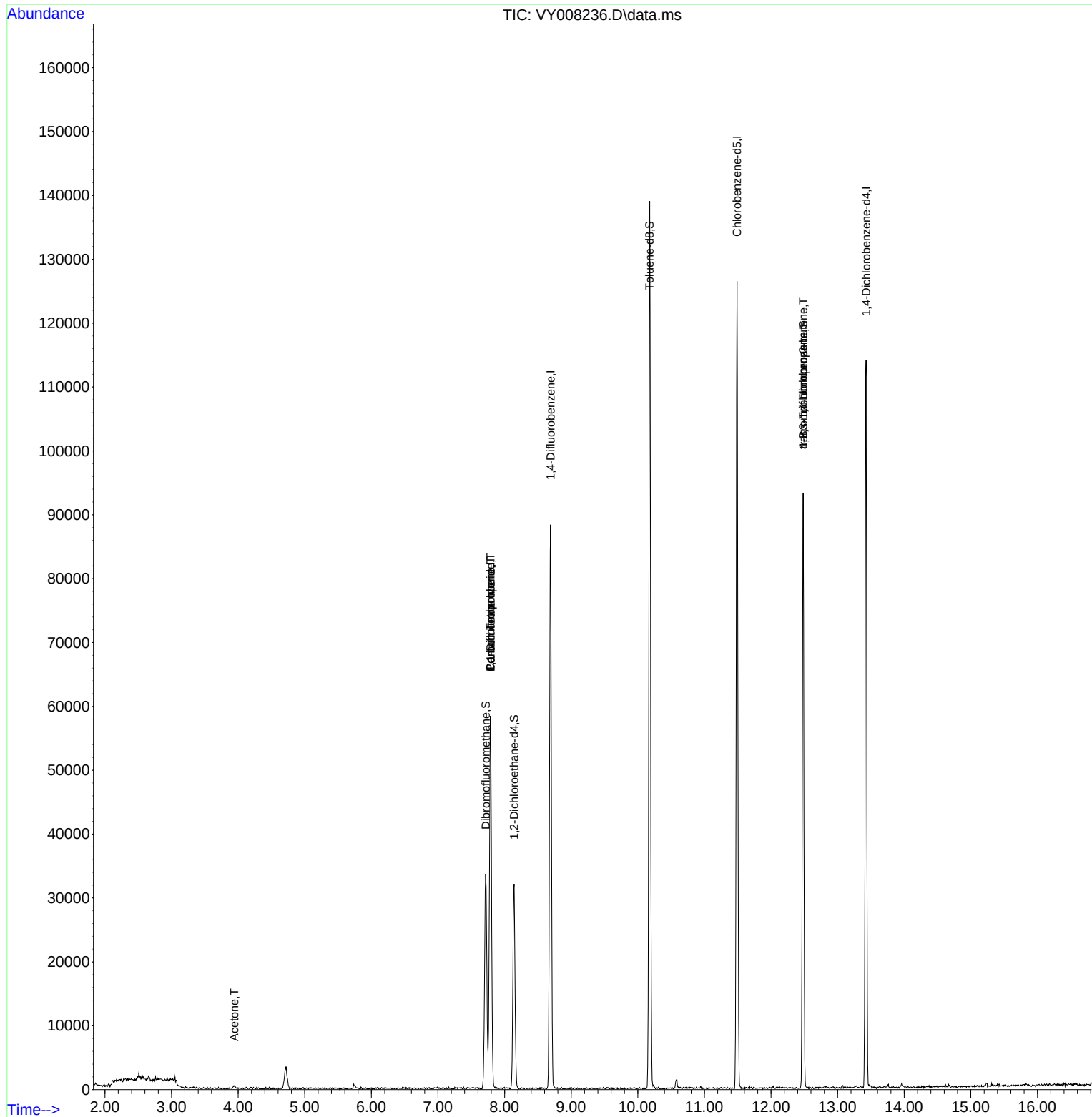
Internal Standards						
1) Pentafluorobenzene	7.789	168	44955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	78714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	71157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24665	54.686	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.380%		
35) Dibromofluoromethane	7.716	113	24584	49.814	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 99.620%		
50) Toluene-d8	10.179	98	93258	50.157	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.320%		
62) 4-Bromofluorobenzene	12.483	95	29021	44.241	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 88.480%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	733	7.110	ug/l #	89
18) Methyl Acetate	4.485	43	20	Below Cal	#	56
36) 1,1-Dichloropropene	7.789	75	3624	4.675	ug/l #	49
38) Carbon Tetrachloride	7.789	117	4554	5.391	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	14995	41.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14995	92.016	ug/l #	7

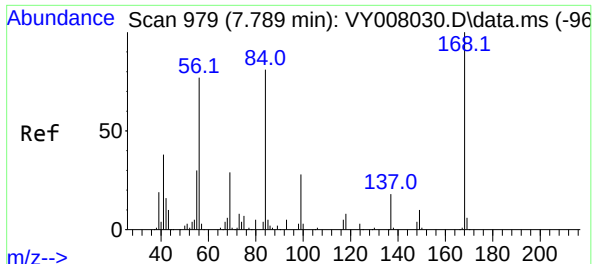
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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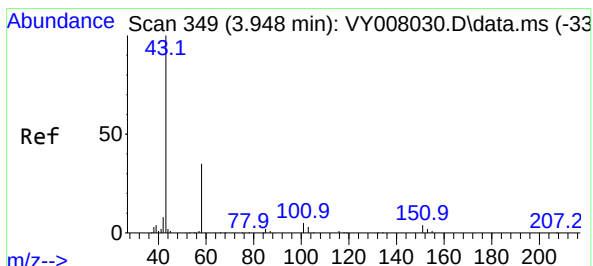
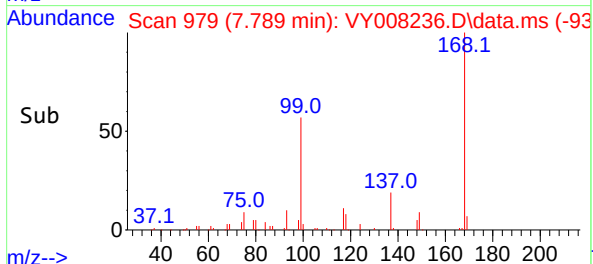
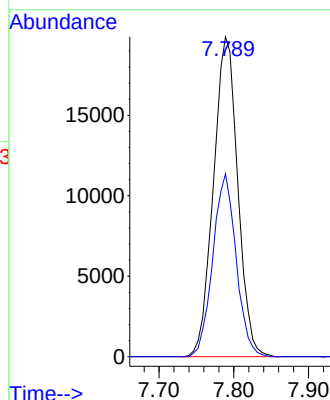
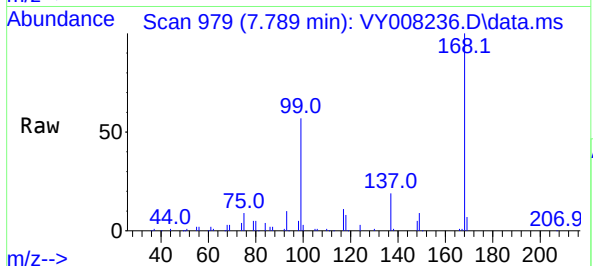




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

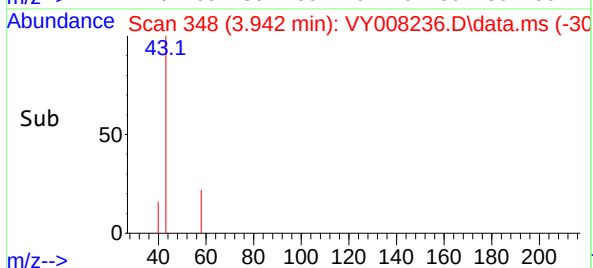
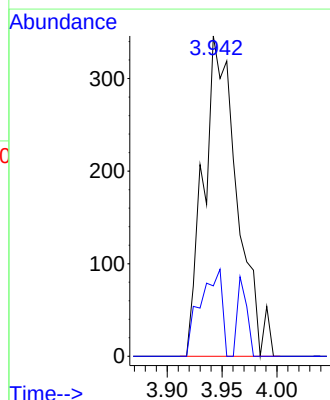
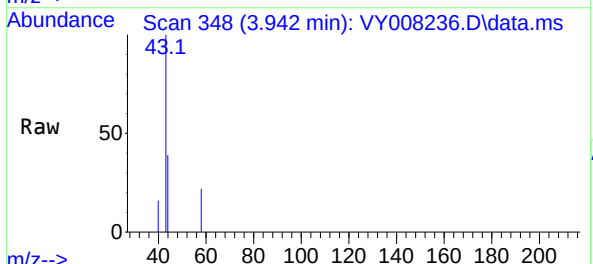
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622

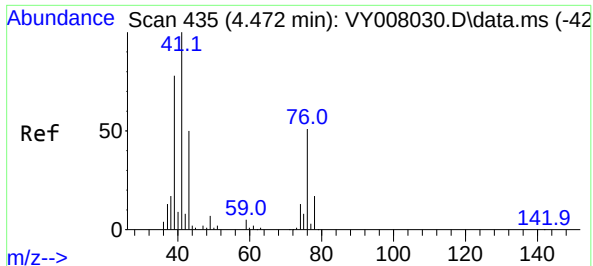
Tgt Ion:168 Resp: 44955
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#16
Acetone
Concen: 7.110 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 22.0 22.0 33.0#

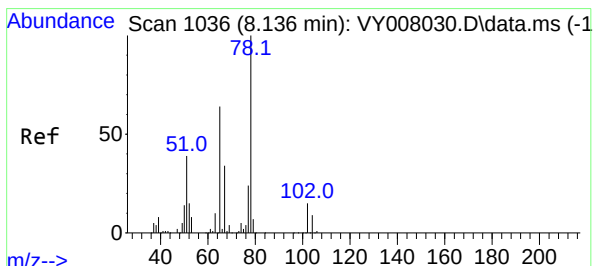
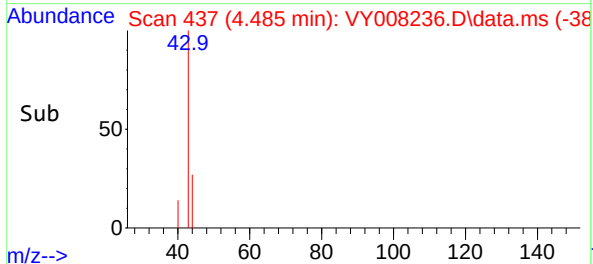
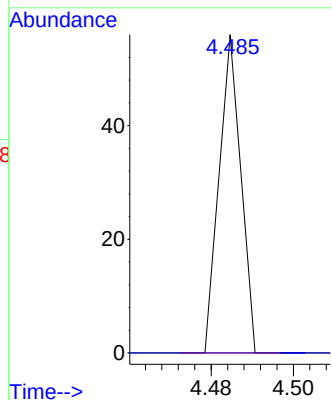
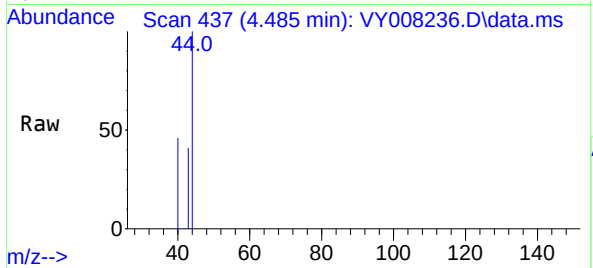




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

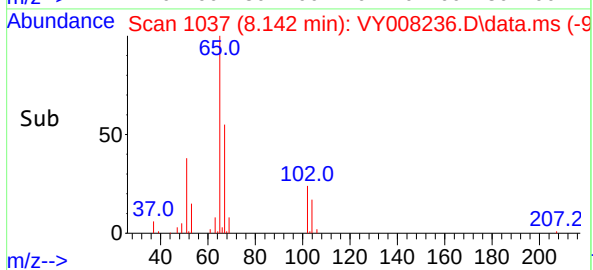
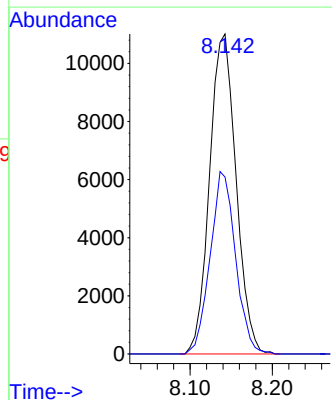
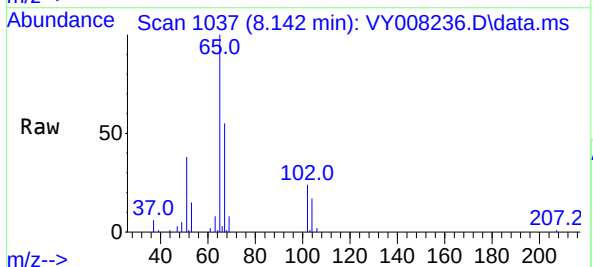
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622

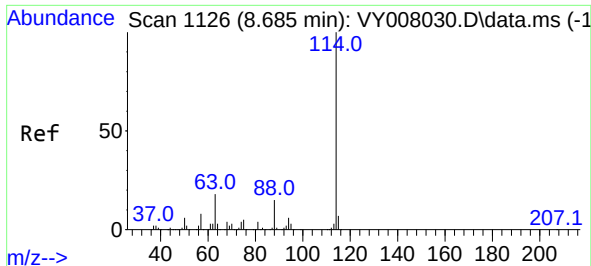
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#33
1,2-Dichloroethane-d4
Concen: 54.686 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion: 65 Resp: 24665
Ion Ratio Lower Upper
65 100
67 54.6 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: VY008236.D

Acq: 06 Apr 2022 15:44

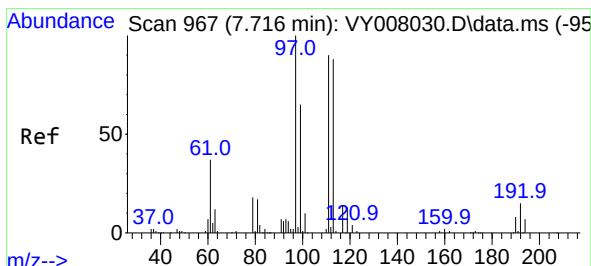
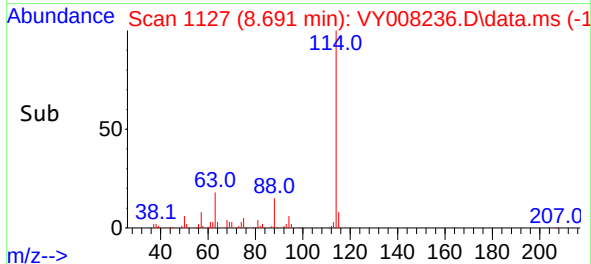
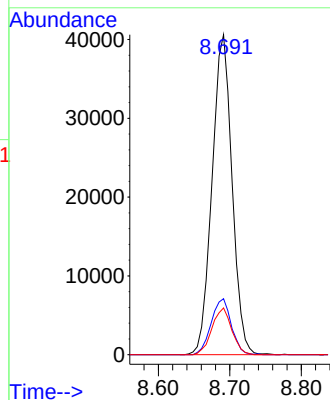
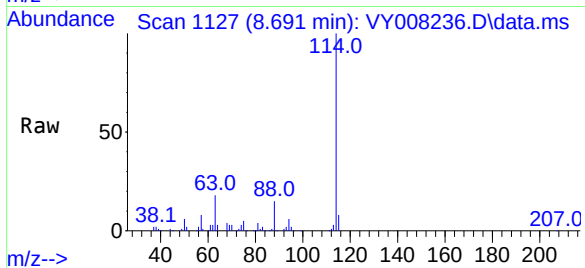
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-040622

Tgt Ion:114	Resp:	78714
Ion	Ratio	Lower Upper
114	100	
63	17.5	0.0 43.2
88	14.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 49.814 ug/l

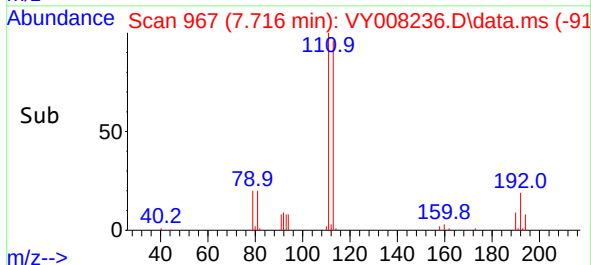
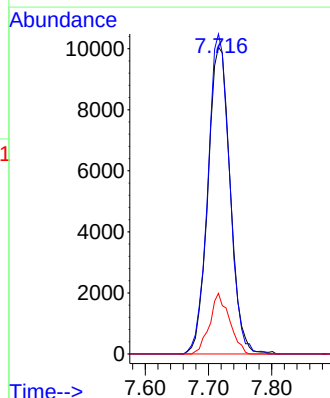
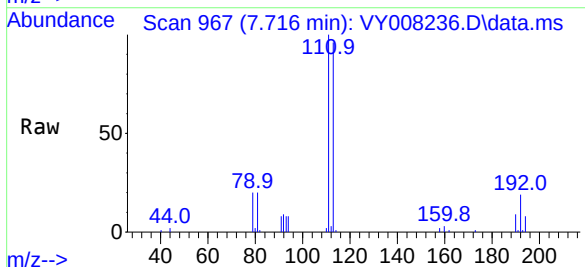
RT: 7.716 min Scan# 967

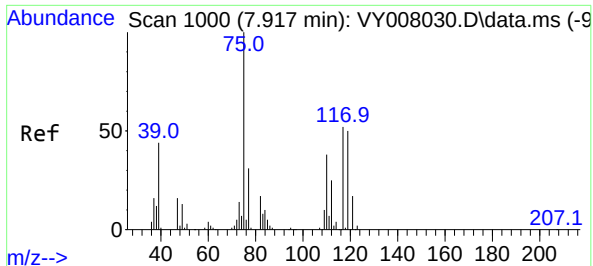
Delta R.T. -0.000 min

Lab File: VY008236.D

Acq: 06 Apr 2022 15:44

Tgt Ion:113	Resp:	24584
Ion	Ratio	Lower Upper
113	100	
111	101.5	82.6 124.0
192	17.6	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.675 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008236.D

Acq: 06 Apr 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-040622

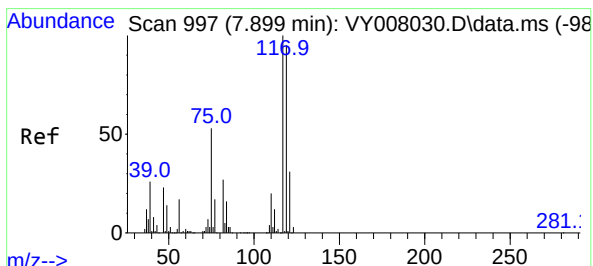
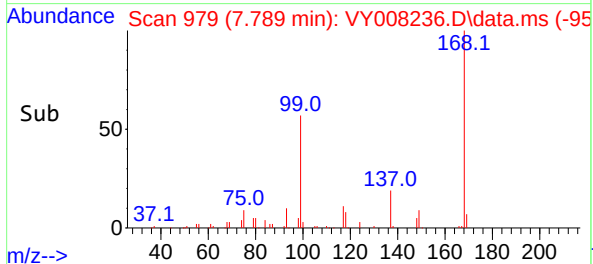
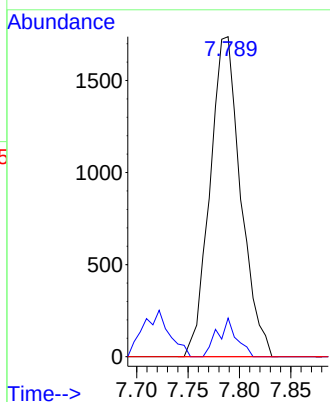
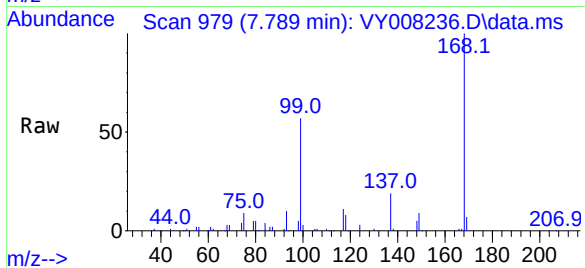
Tgt Ion: 75 Resp: 3624

Ion Ratio Lower Upper

75 100

110 7.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.391 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008236.D

Acq: 06 Apr 2022 15:44

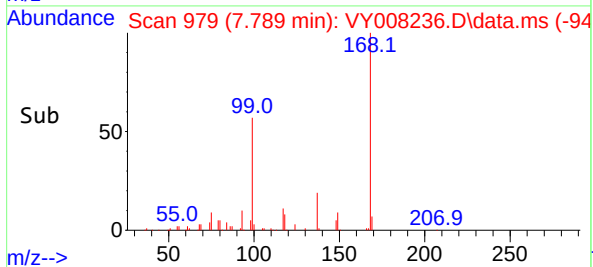
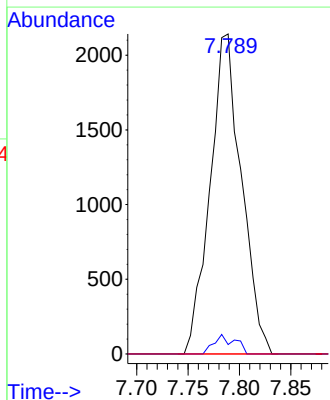
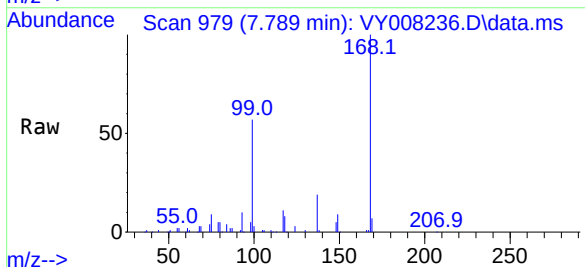
Tgt Ion: 117 Resp: 4554

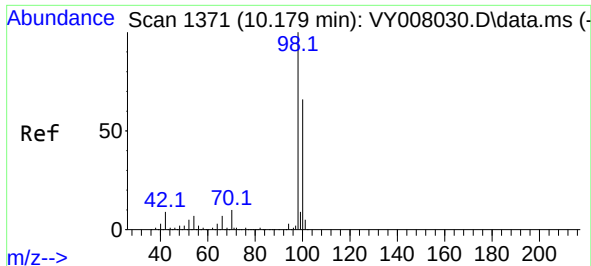
Ion Ratio Lower Upper

117 100

119 2.9 77.9 116.9#

121 0.0 24.8 37.2#

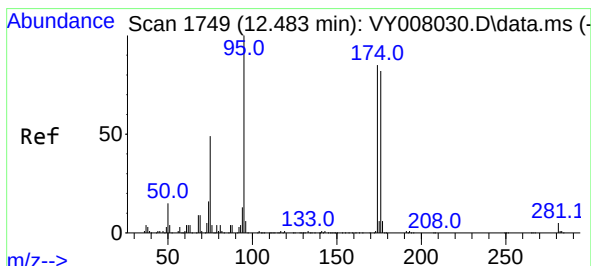
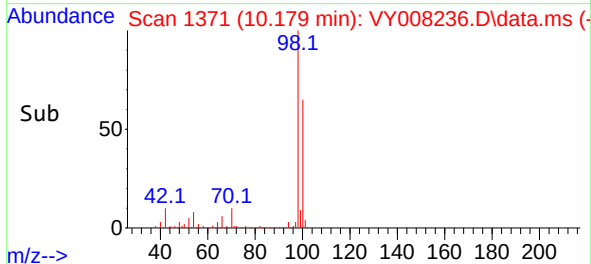
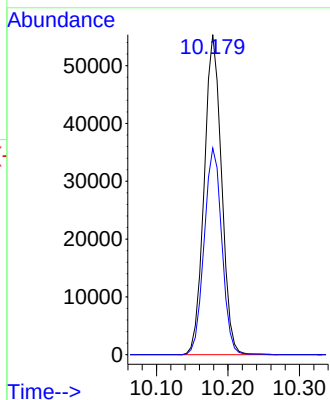
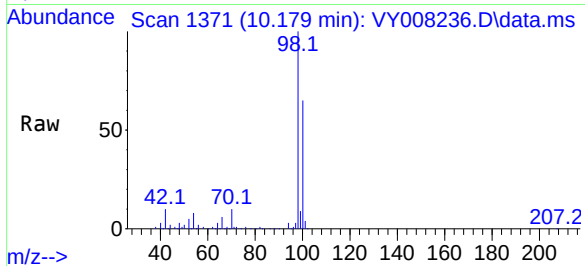




#50
Toluene-d8
Concen: 50.157 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

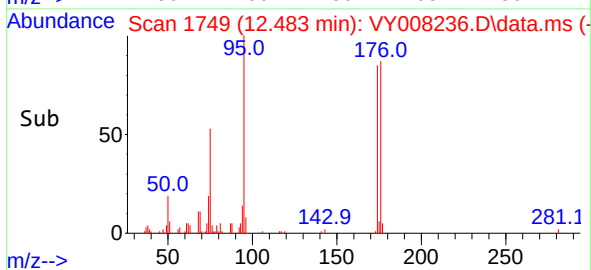
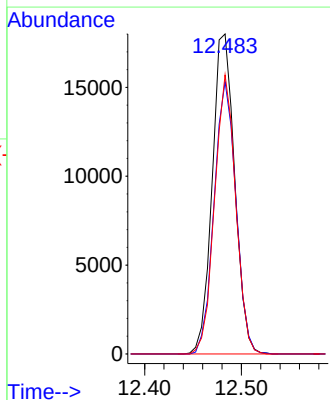
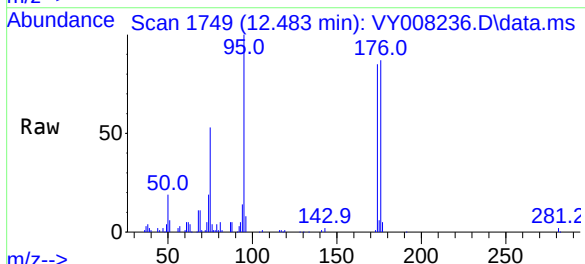
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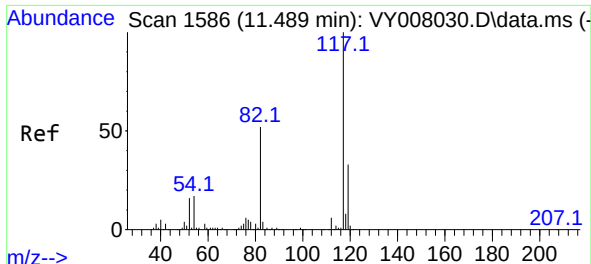
Tgt Ion: 98 Resp: 93258
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion: 95 Resp: 29021
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 81.9 0.0 175.8

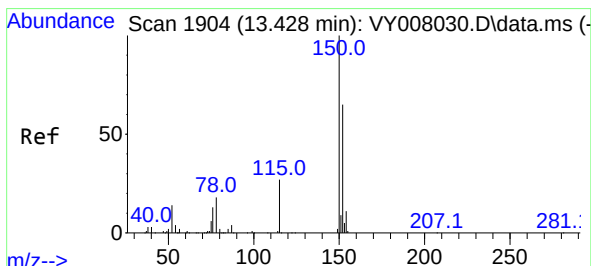
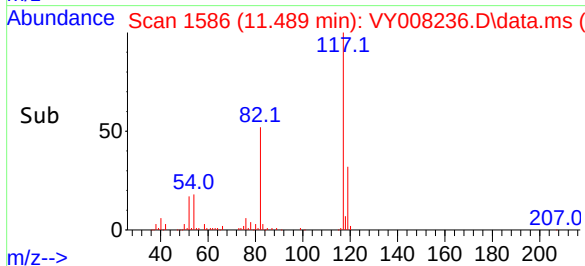
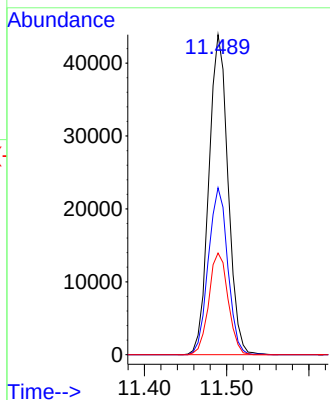
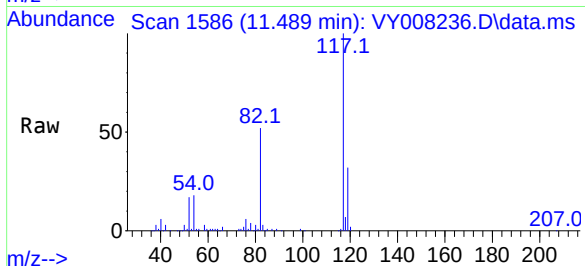




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

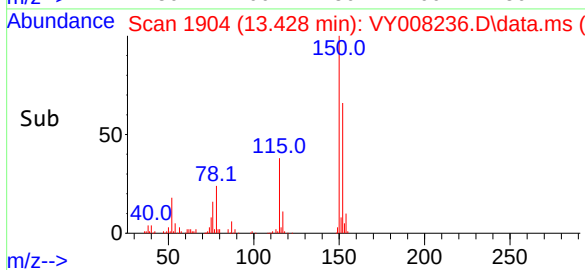
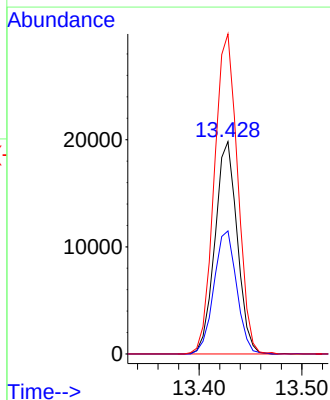
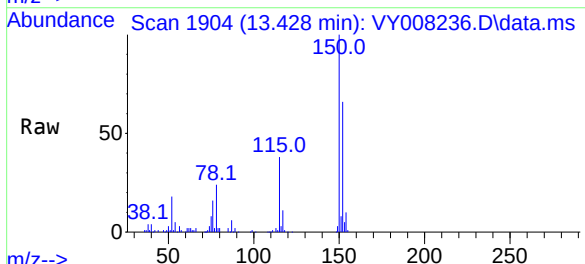
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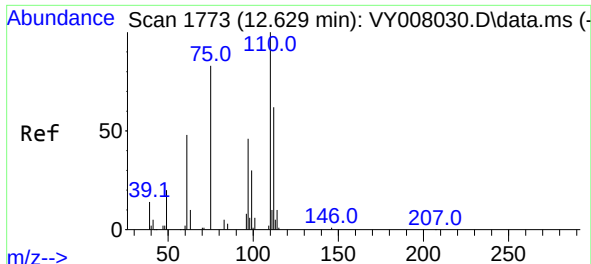
Tgt Ion:	117	Resp:	71157
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.4
119	31.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion:	152	Resp:	29827
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	157.4	0.0	347.6

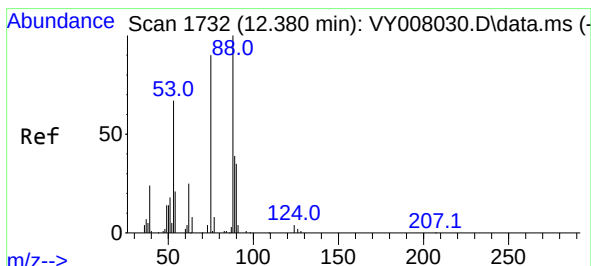
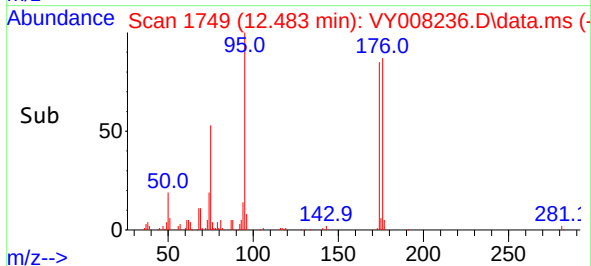
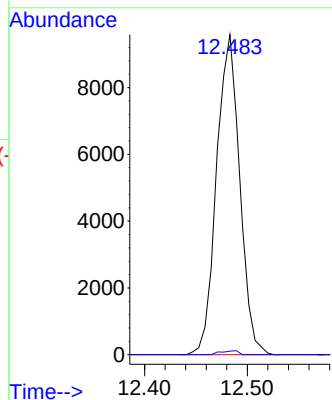
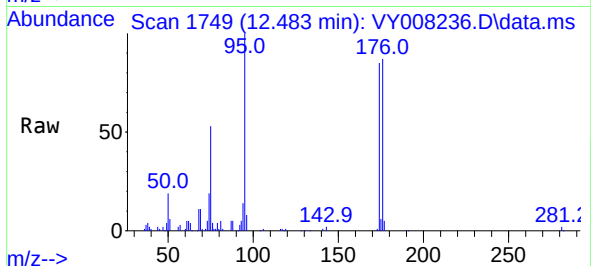




#76
1,2,3-Trichloropropane
Concen: 41.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622

Tgt Ion: 75 Resp: 14995
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.016 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion: 75 Resp: 14995
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

