

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007344.D
 Acq On : 31 Jan 2022 17:38
 Operator : SY/MD
 Sample : N1333-09
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8D

Quant Time: Feb 01 01:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

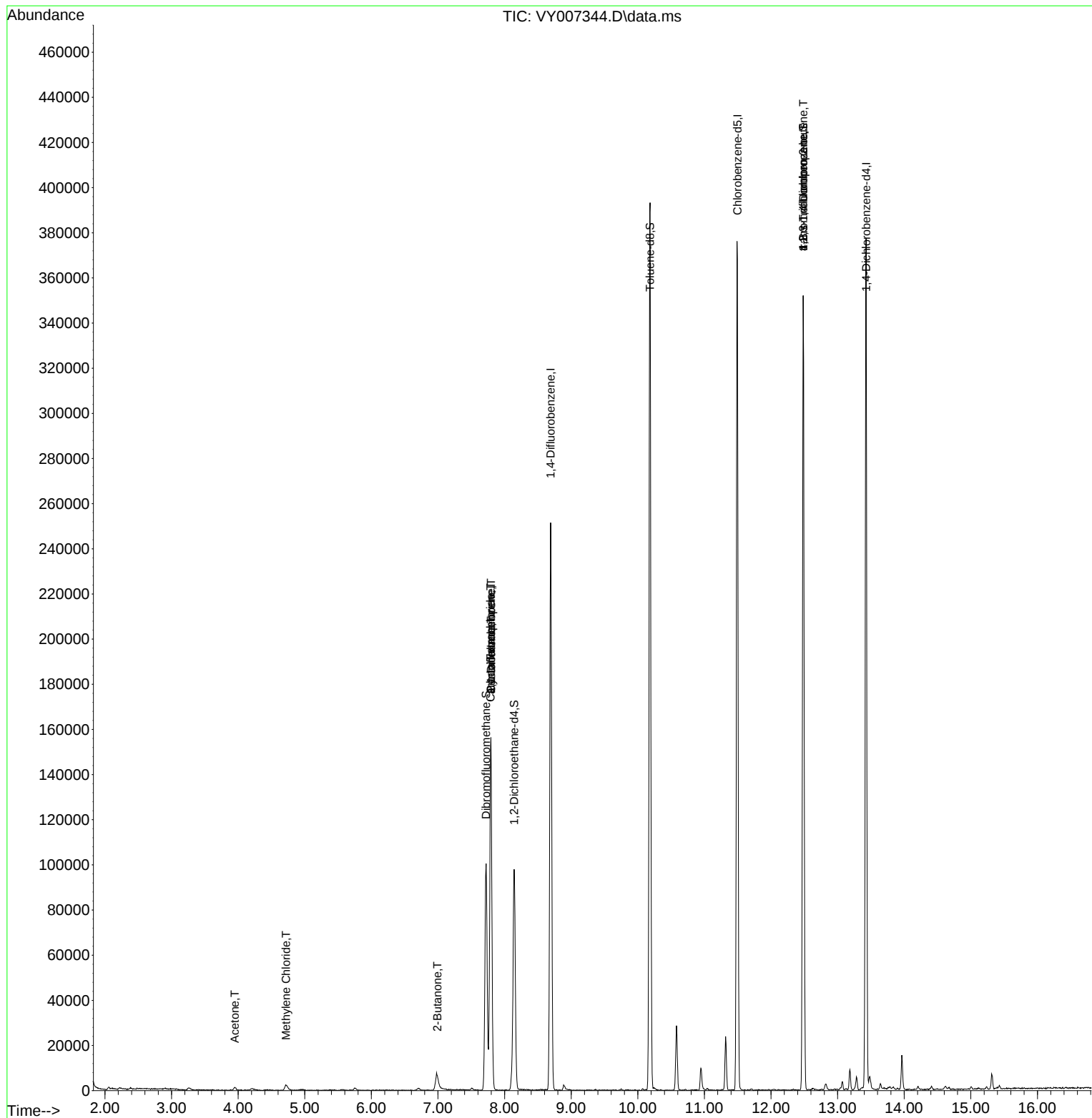
Internal Standards						
1) Pentafluorobenzene	7.795	168	113430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74927	53.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.660%	
35) Dibromofluoromethane	7.722	113	71348	49.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.800%	
50) Toluene-d8	10.185	98	261034	49.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	12.483	95	94811	51.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	486	Below Cal	#	73
16) Acetone	3.948	43	2372	6.567	ug/l #	84
20) Methylene Chloride	4.716	84	1808	1.210	ug/l #	83
25) 2-Butanone	6.990	43	762	1.632	ug/l #	47
31) Cyclohexane	7.795	56	2693	1.144	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	10163	4.450	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12297	5.119	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52350	51.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52350	93.852	ug/l #	3

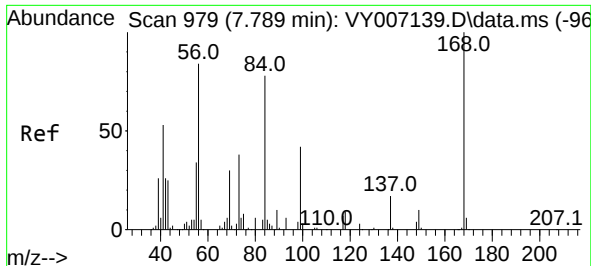
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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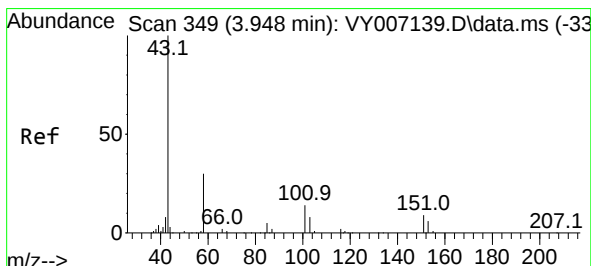
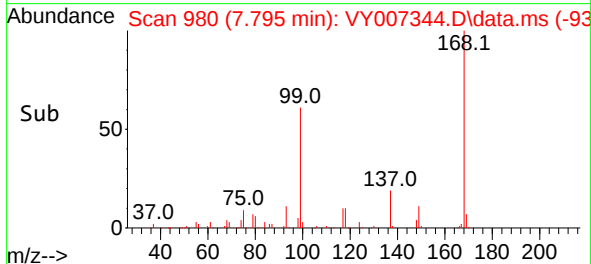
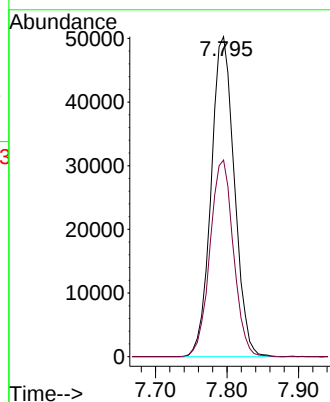
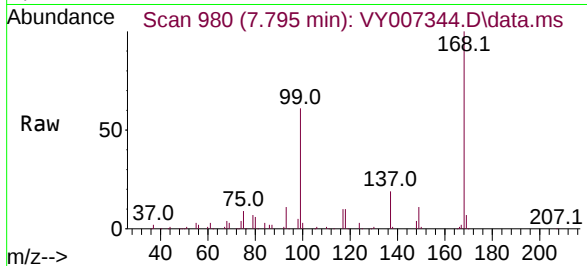




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

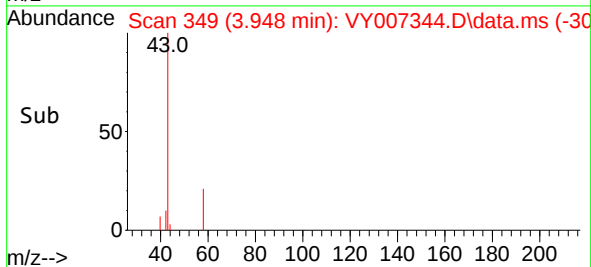
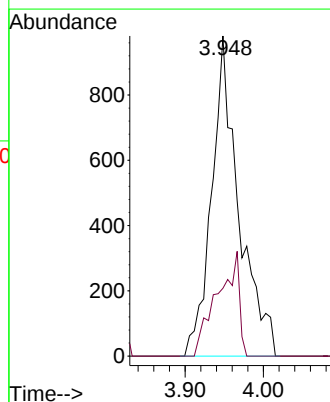
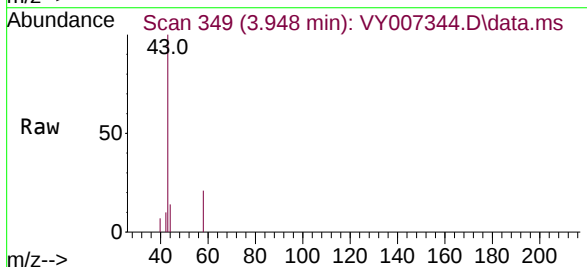
Instrument :
MSVOA_Y
ClientSampleId :
SB-8D

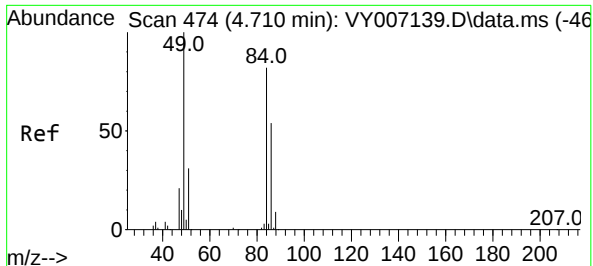
Tgt Ion:168 Resp: 113430
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#16
Acetone
Concen: 6.567 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
58 21.2 23.8 35.6#

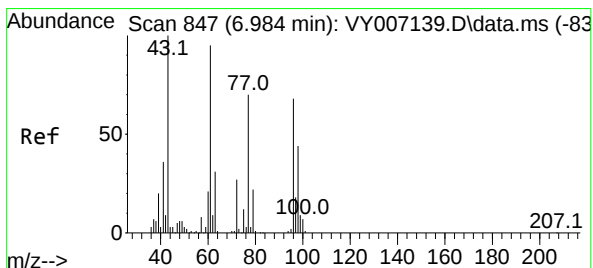
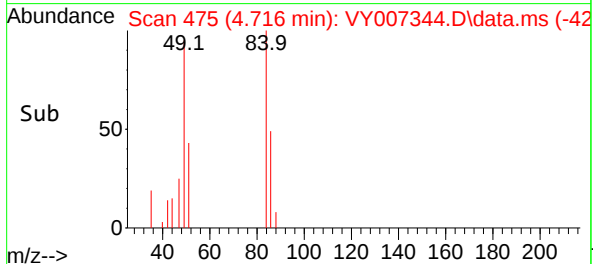
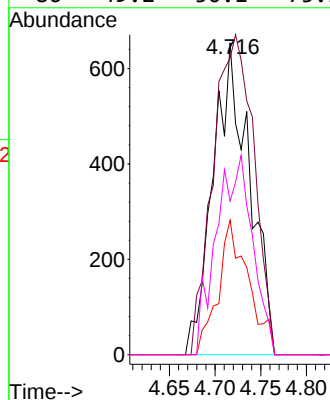
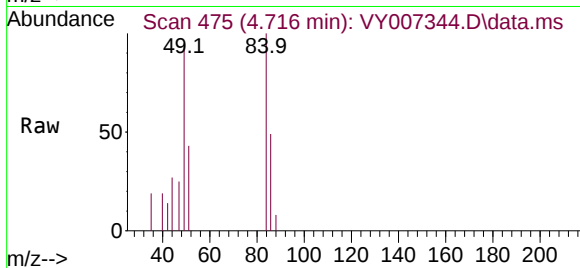




#20
Methylene Chloride
Concen: 1.210 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

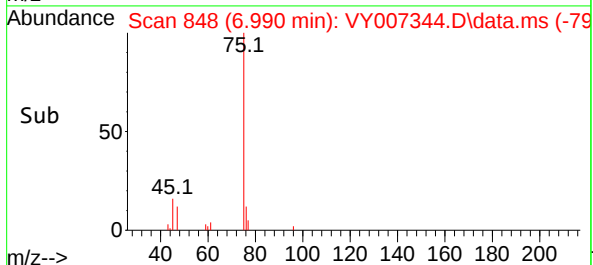
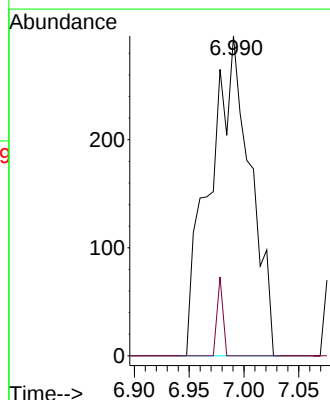
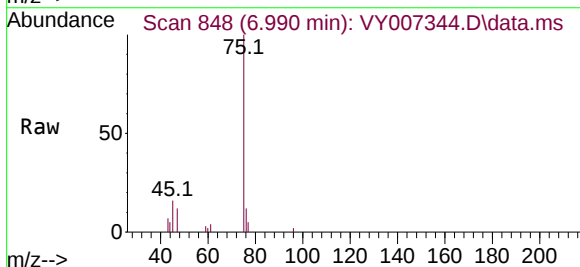
Instrument :
MSVOA_Y
ClientSampleId :
SB-8D

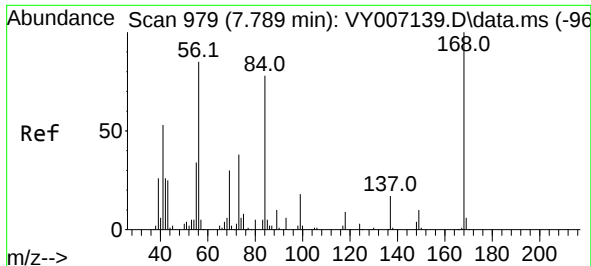
Tgt Ion:	84	Resp:	1808
Ion	Ratio	Lower	Upper
84	100		
49	95.1	92.6	139.0
51	43.1	28.6	42.8#
86	49.2	50.1	75.1#



#25
2-Butanone
Concen: 1.632 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion:	43	Resp:	762
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.9	32.9#

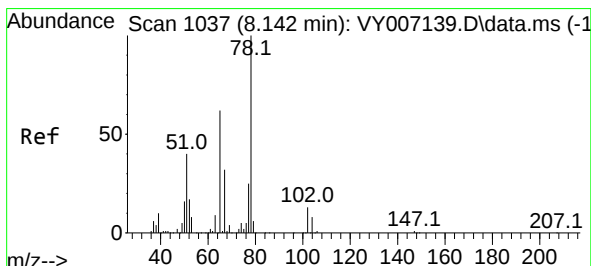
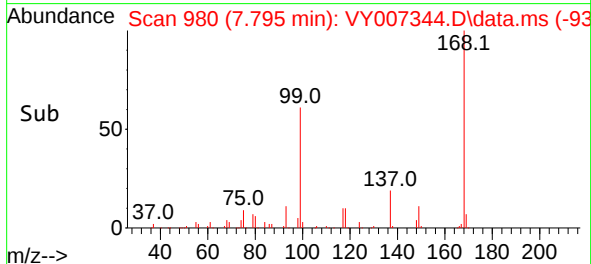
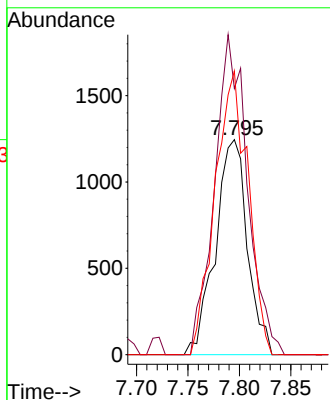
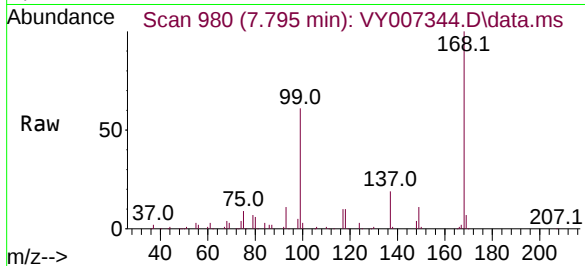




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

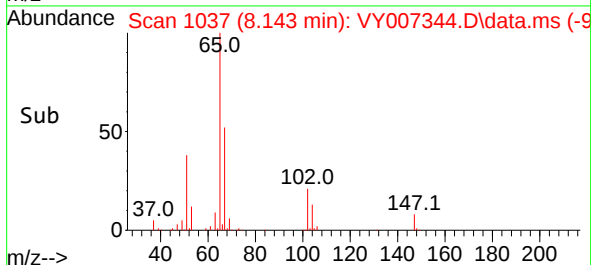
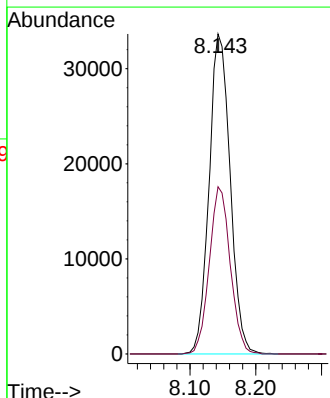
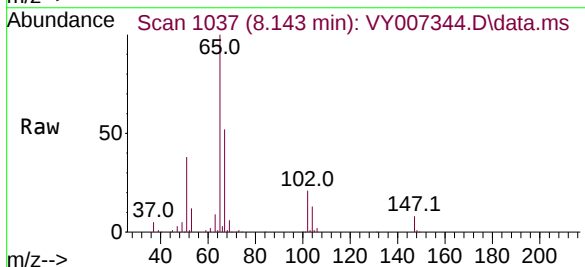
Instrument :
MSVOA_Y
ClientSampleId :
SB-8D

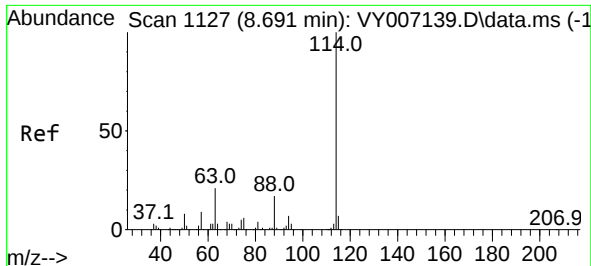
Tgt Ion: 56 Resp: 2693
Ion Ratio Lower Upper
56 100
69 123.9 27.2 40.8#
84 132.0 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 53.835 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion: 65 Resp: 74927
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6

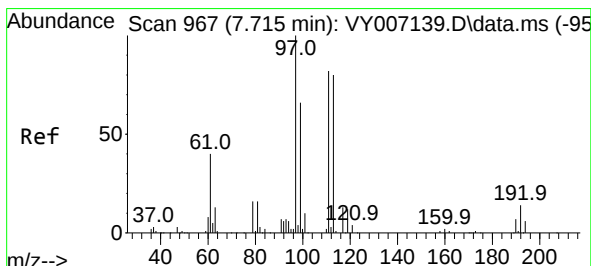
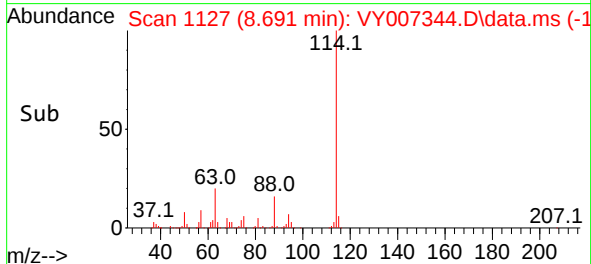
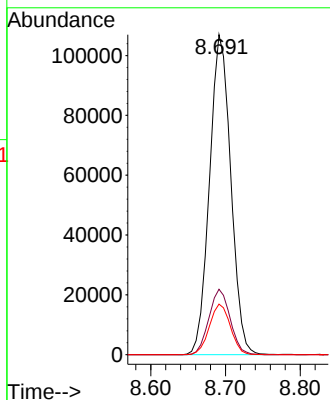
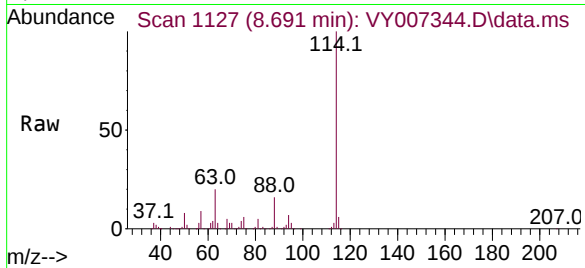




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

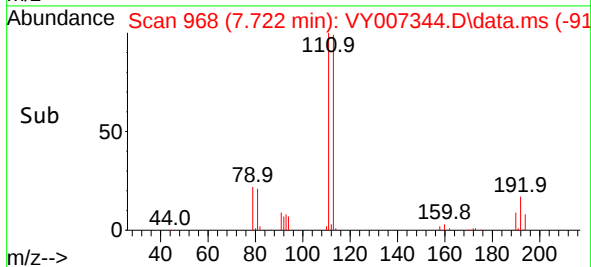
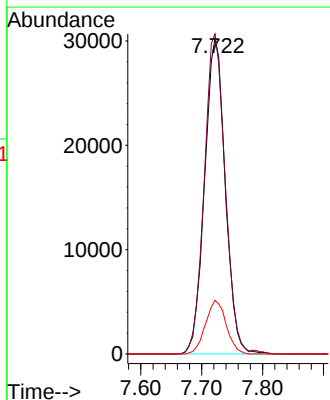
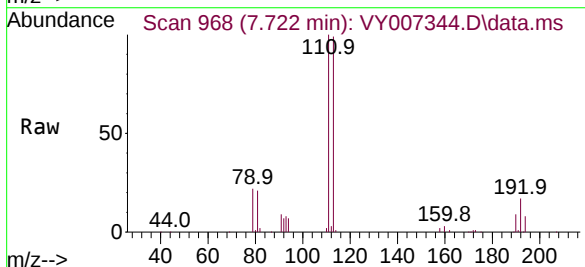
Instrument :
MSVOA_Y
ClientSampleId :
SB-8D

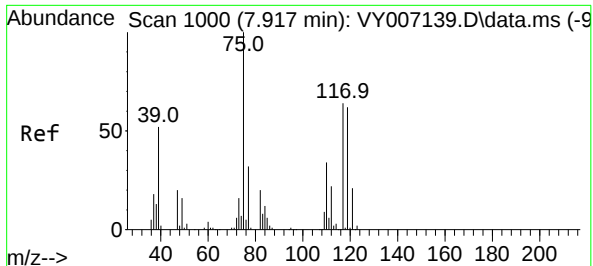
Tgt Ion:114 Resp: 211465
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 15.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.897 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion:113 Resp: 71348
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 17.0 14.2 21.4

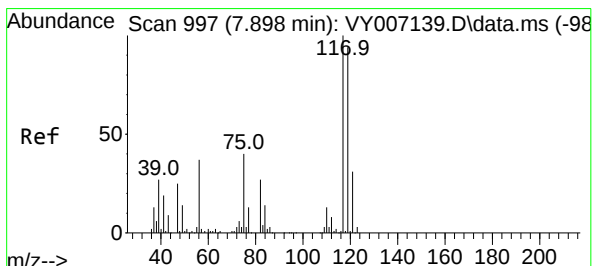
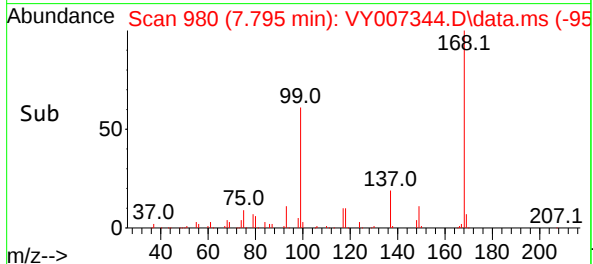
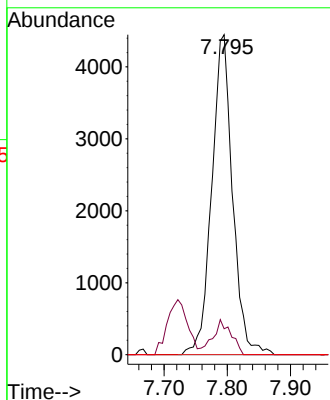
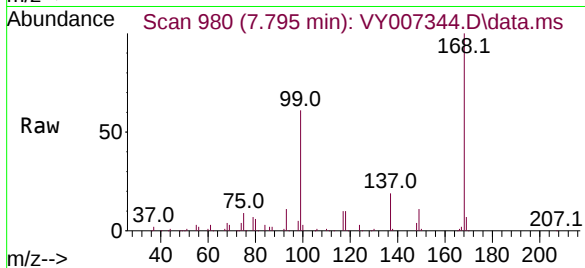




#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 7.795 min Scan# 910
Delta R.T. -0.122 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

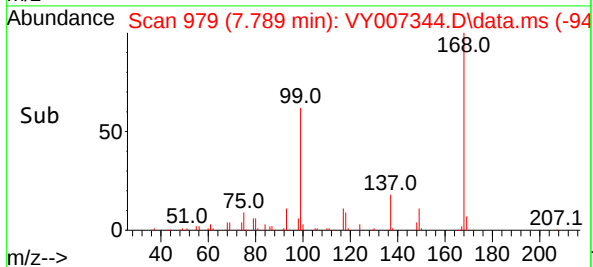
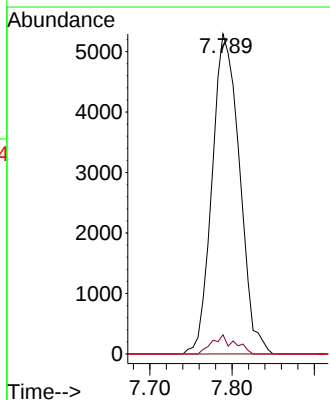
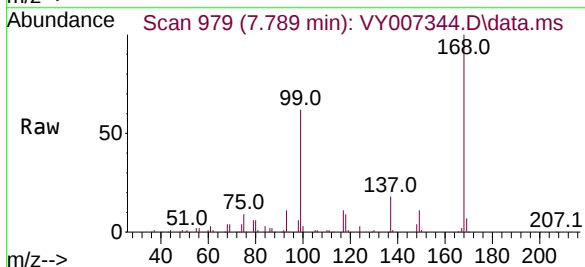
Instrument :
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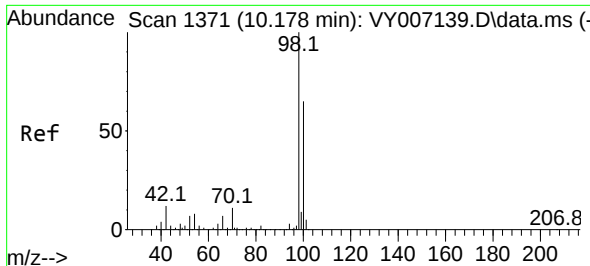
Tgt Ion: 75 Resp: 10163
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.119 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion: 117 Resp: 12297
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 24.2 36.2#

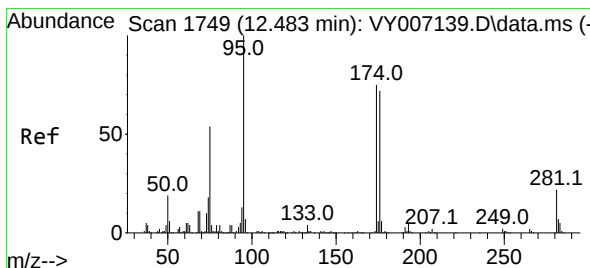
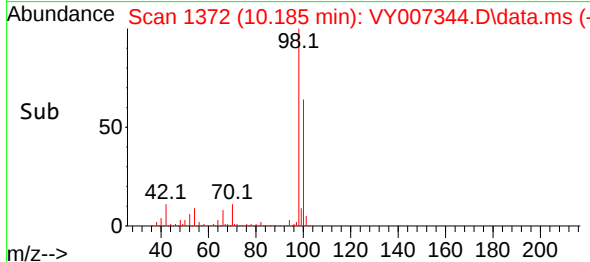
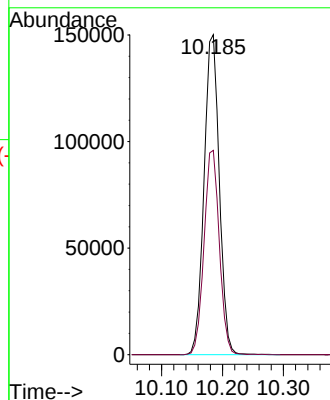
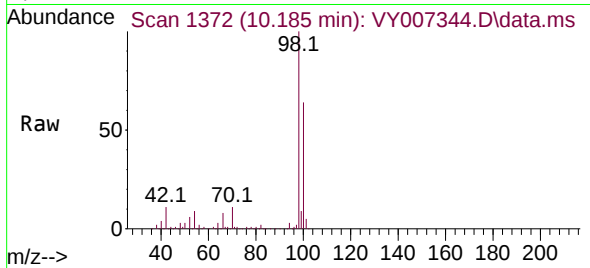




#50
Toluene-d8
Concen: 49.961 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

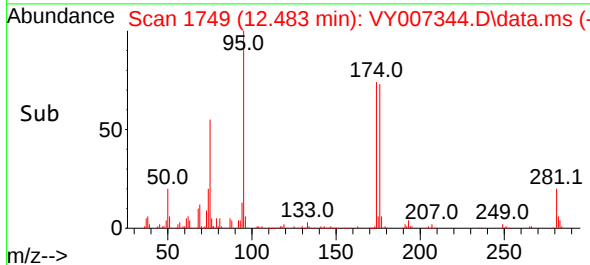
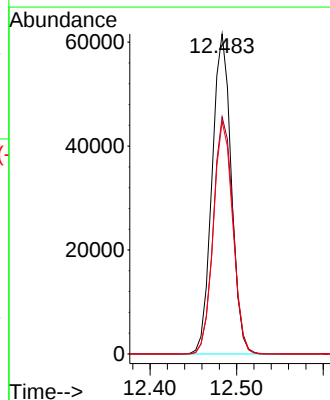
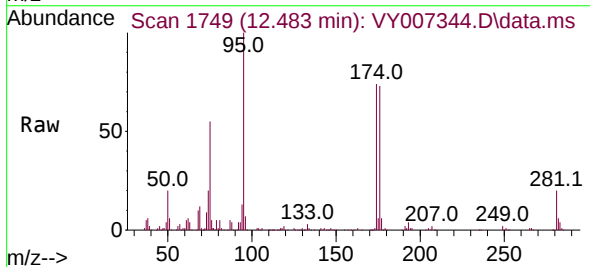
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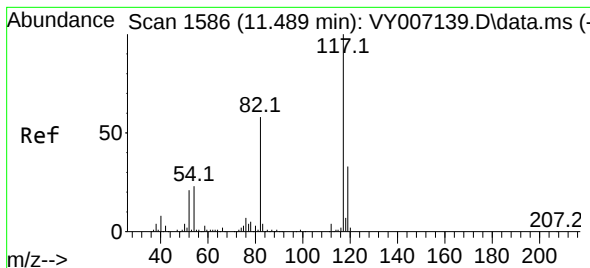
Tgt Ion: 98 Resp: 261034
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.014 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion: 95 Resp: 94811
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.4
176 73.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007344.D

Acq: 31 Jan 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-8D

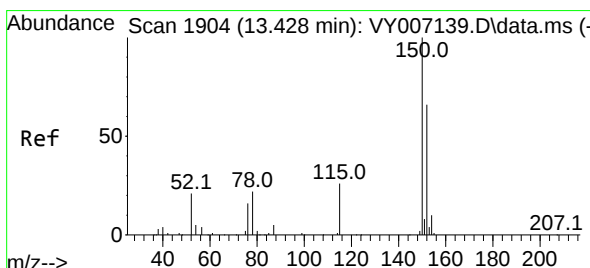
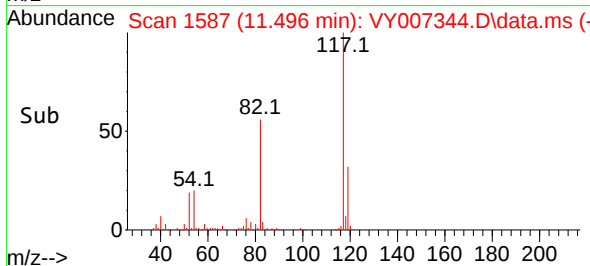
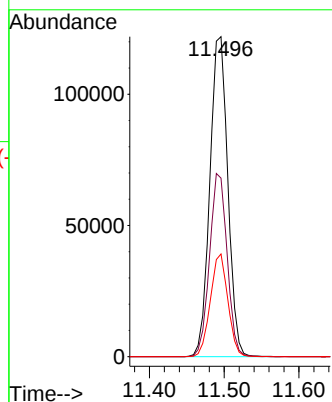
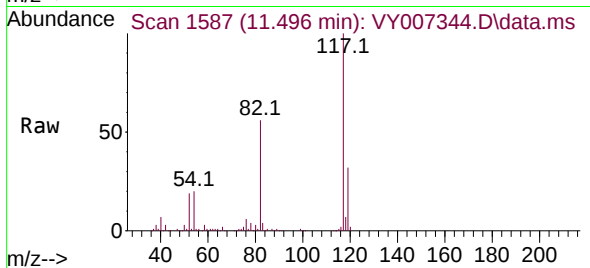
Tgt Ion:117 Resp: 203763

Ion Ratio Lower Upper

117 100

82 55.8 45.4 68.0

119 32.1 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007344.D

Acq: 31 Jan 2022 17:38

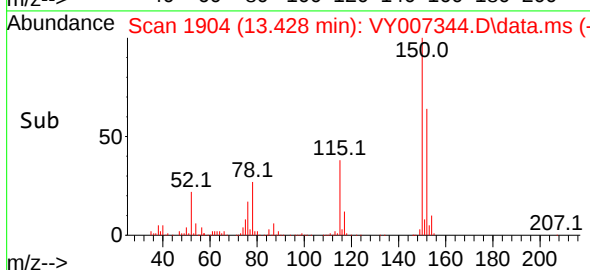
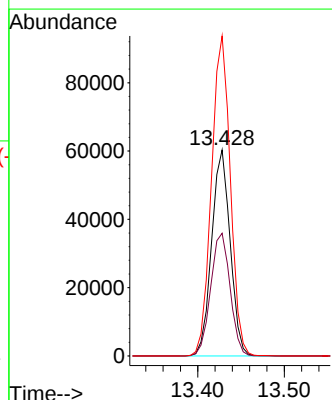
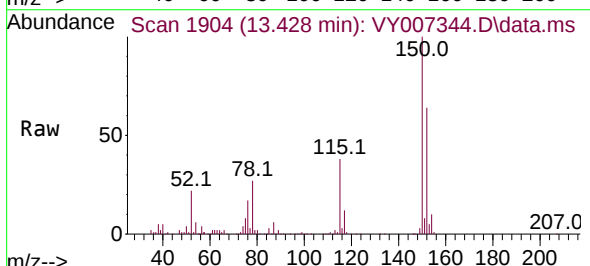
Tgt Ion:152 Resp: 89555

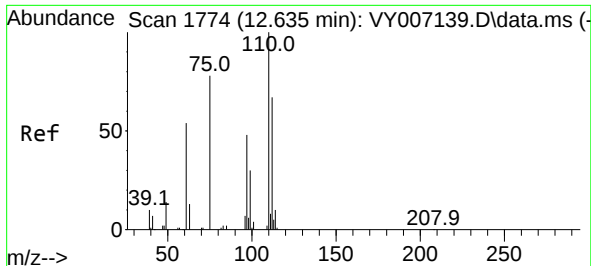
Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.0

150 158.0 0.0 348.4

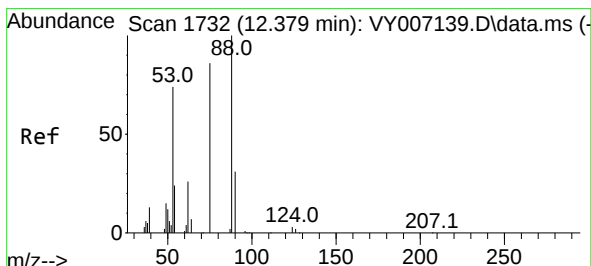
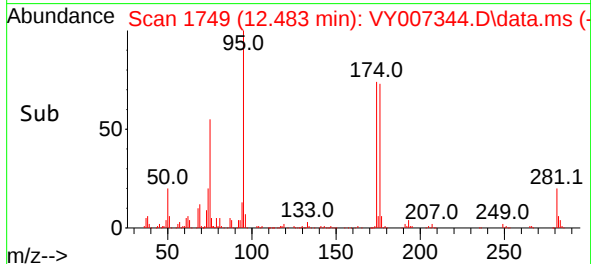
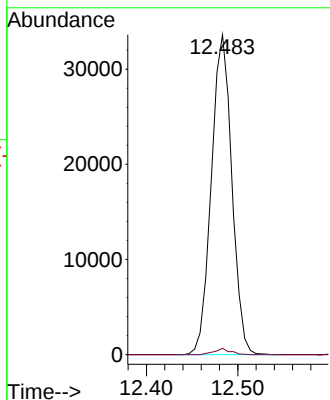
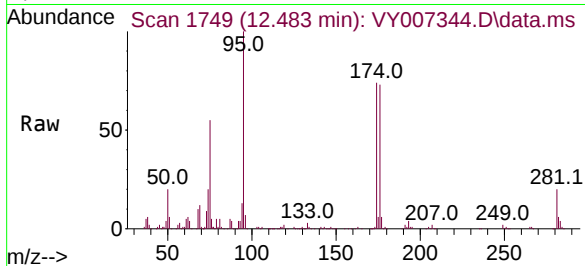




#76
1,2,3-Trichloropropane
Concen: 51.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-8D

Tgt Ion: 75 Resp: 52350
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion: 75 Resp: 52350
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.4 0.0 0.0#

