

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008118.D
 Acq On : 30 Mar 2022 18:25
 Operator : SY/MD
 Sample : N2151-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-032822

Quant Time: Mar 31 04:35:02 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)

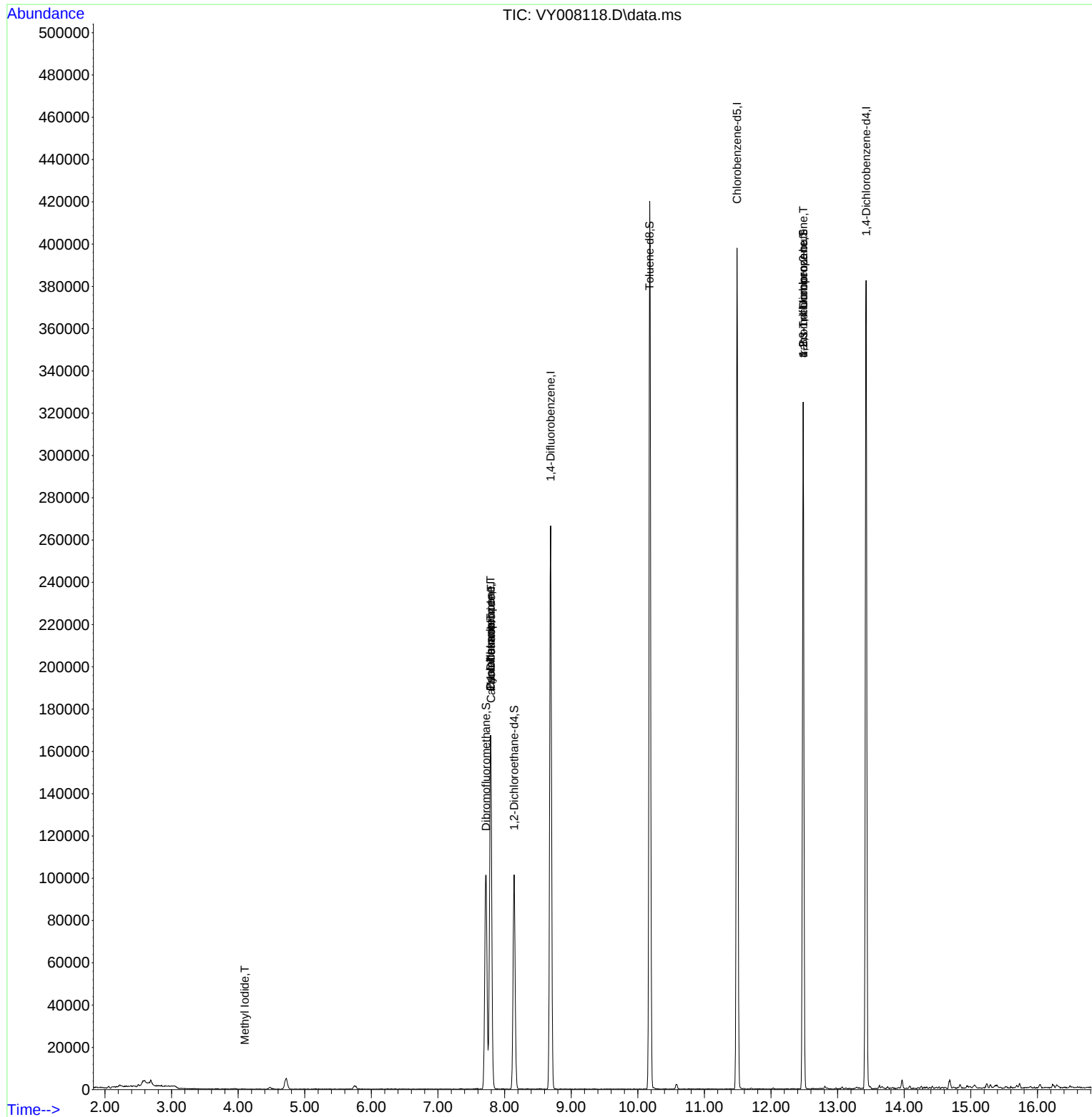
Internal Standards						
1) Pentafluorobenzene	7.789	168	133097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75970	56.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.780%			
35) Dibromofluoromethane	7.722	113	74178	49.755	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.520%			
50) Toluene-d8	10.179	98	287159	51.125	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.483	95	100177	50.553	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.100%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.100	142	171	1.790	ug/l #	73
18) Methyl Acetate	4.478	43	1574	Below Cal		98
20) Methylene Chloride	4.716	84	4047	Below Cal #		84
31) Cyclohexane	7.789	56	2548	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9922	4.237	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13445	5.268	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	50593	41.482	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50593	92.554	ug/l #	7

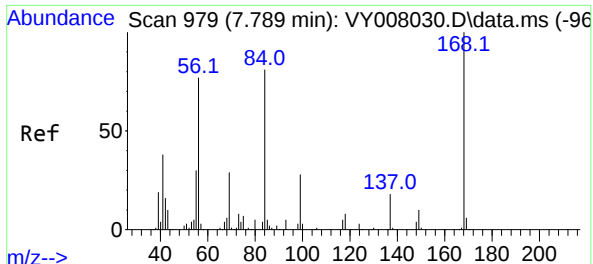
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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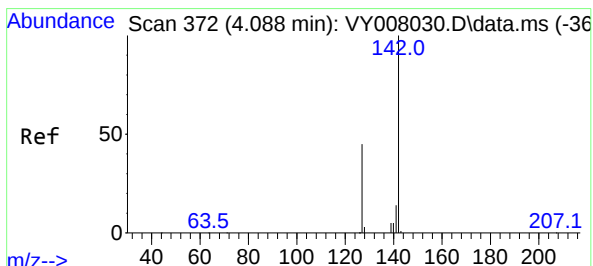
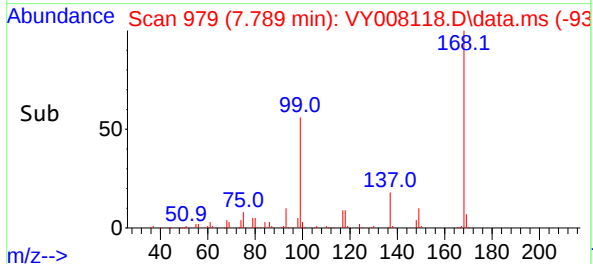
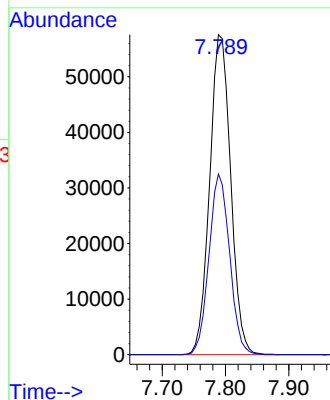
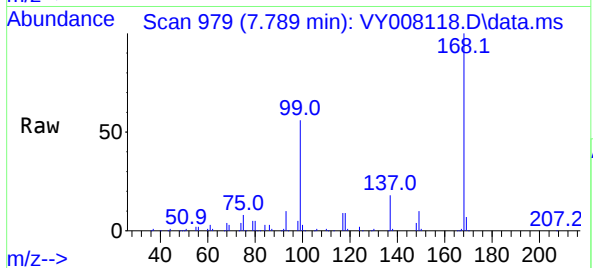




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

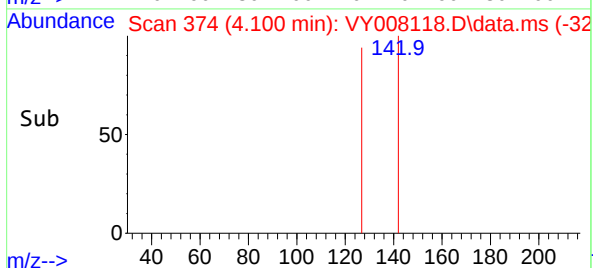
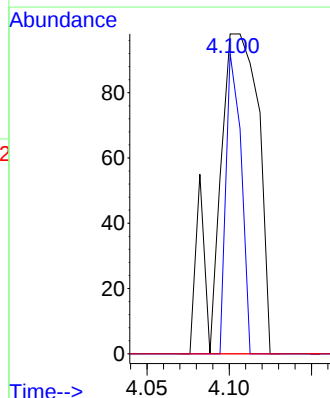
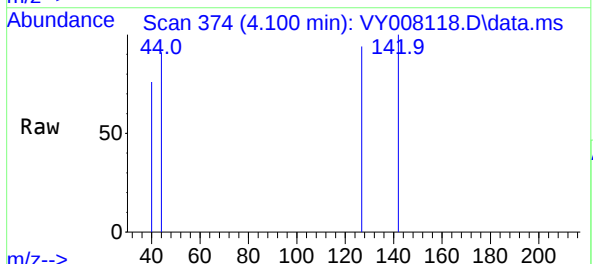
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-032822

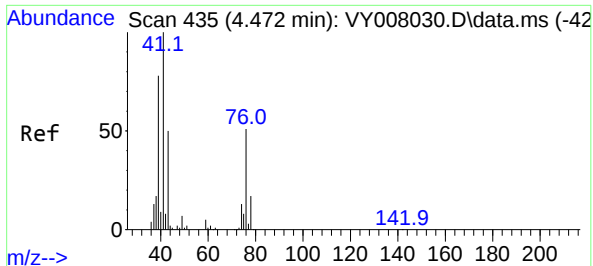
Tgt Ion:168 Resp: 133097
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.790 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 34.5 41.5 62.3#
141 0.0 11.9 17.9#

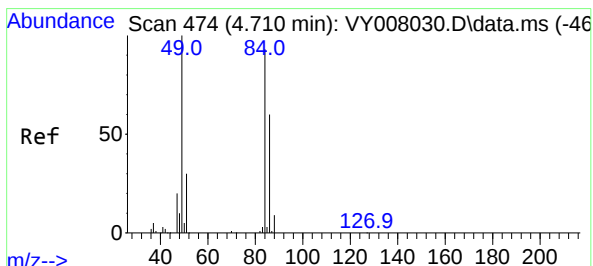
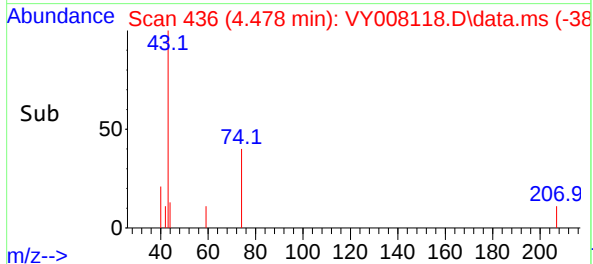
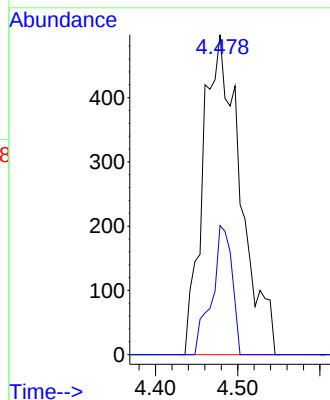
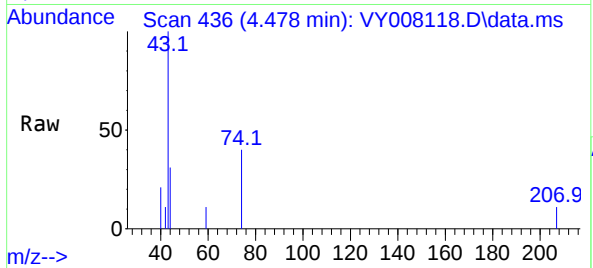




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

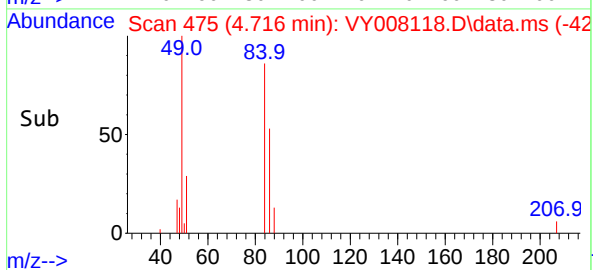
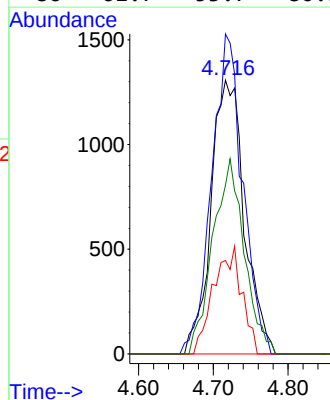
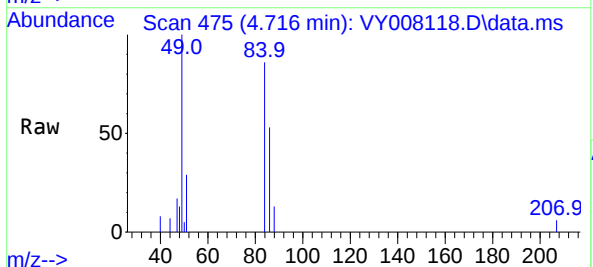
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-032822

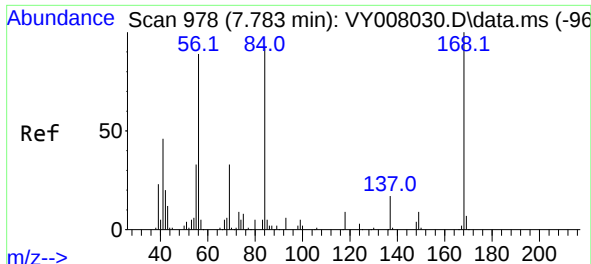
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
74 21.5 16.6 24.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

Tgt Ion: 84 Resp: 4047
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 34.1 35.3 52.9#
86 61.7 53.7 80.5

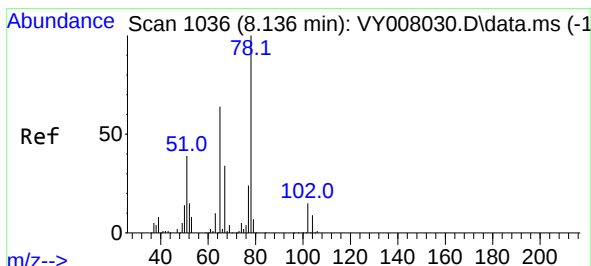
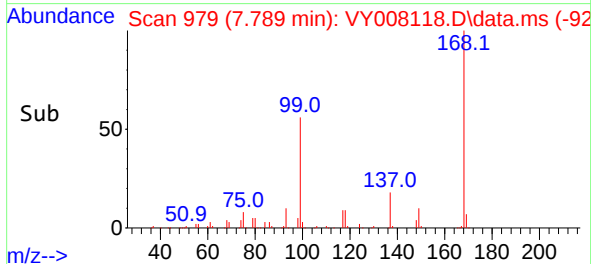
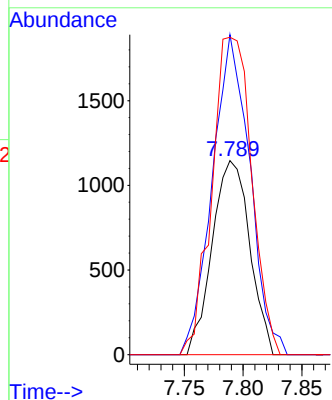
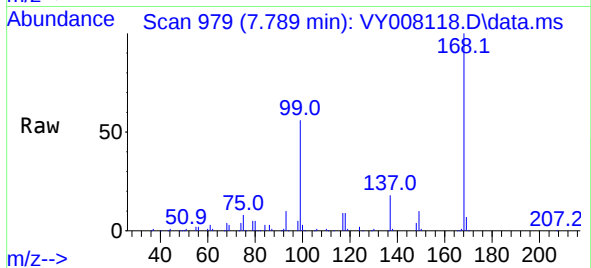




#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

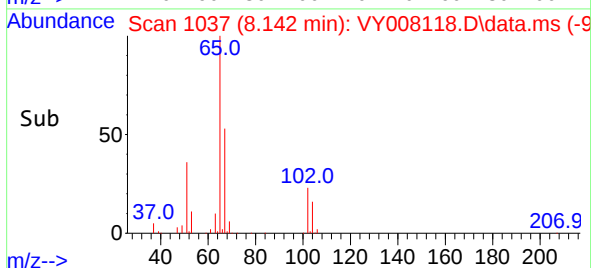
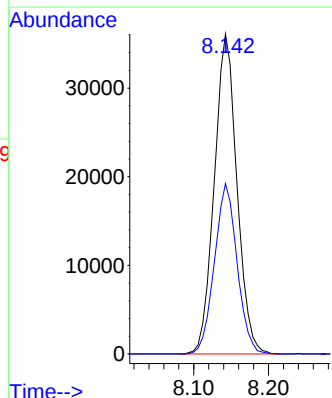
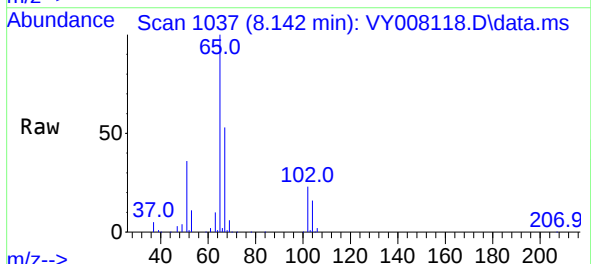
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-032822

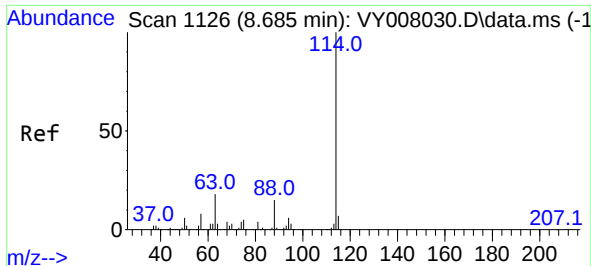
Tgt Ion: 56 Resp: 2548
Ion Ratio Lower Upper
56 100
69 164.9 26.7 40.1#
84 163.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.891 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

Tgt Ion: 65 Resp: 75970
Ion Ratio Lower Upper
65 100
67 53.3 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: VY008118.D

Acq: 30 Mar 2022 18:25

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-032822

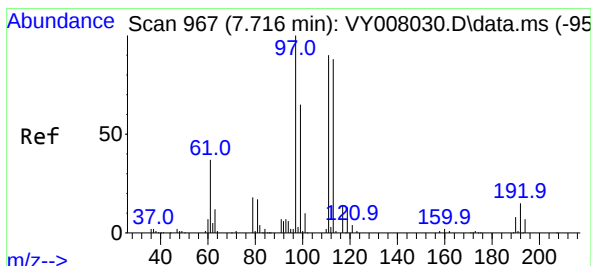
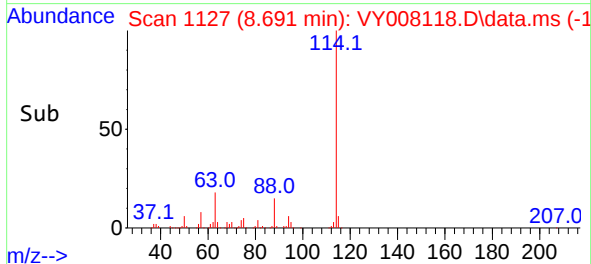
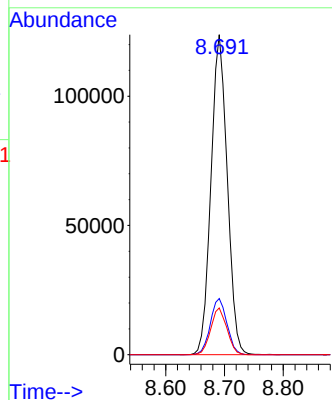
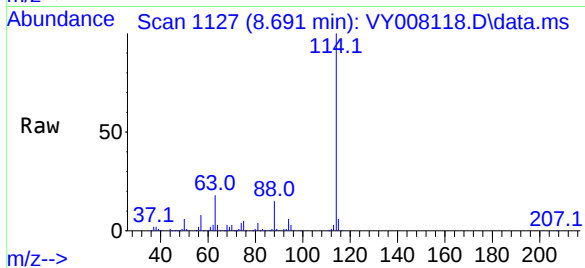
Tgt Ion:114 Resp: 237786

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008118.D

Acq: 30 Mar 2022 18:25

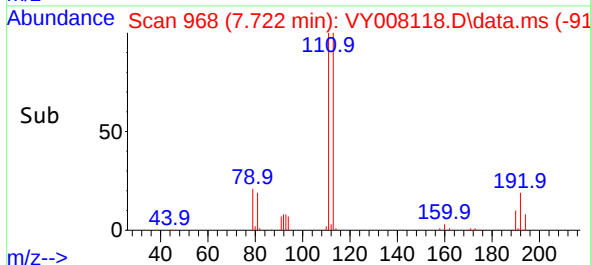
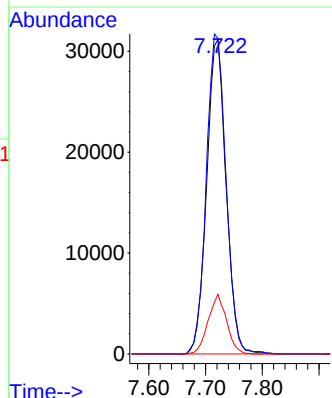
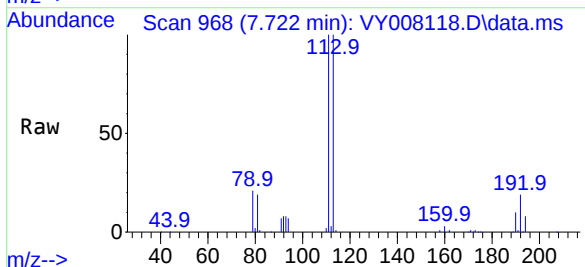
Tgt Ion:113 Resp: 74178

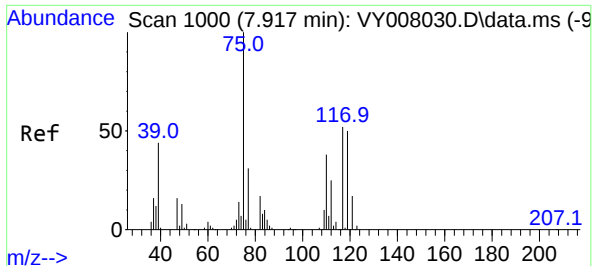
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.237 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008118.D

Acq: 30 Mar 2022 18:25

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-032822

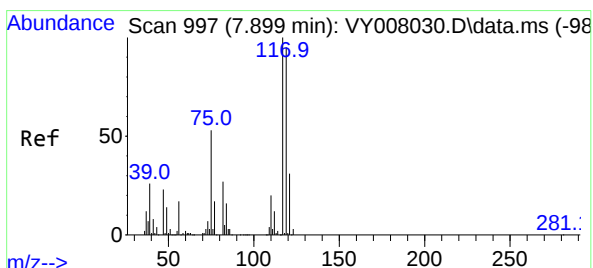
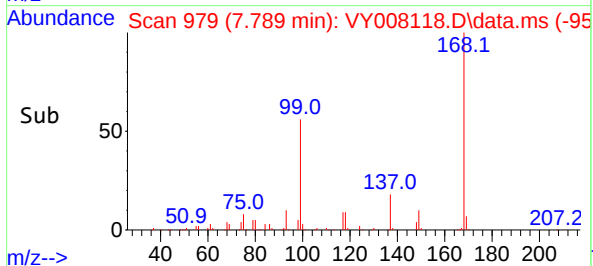
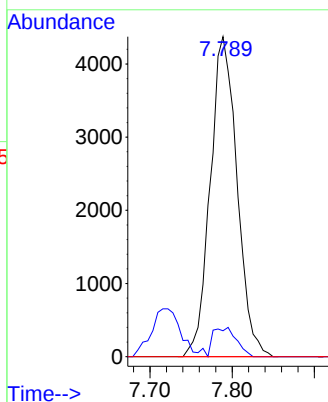
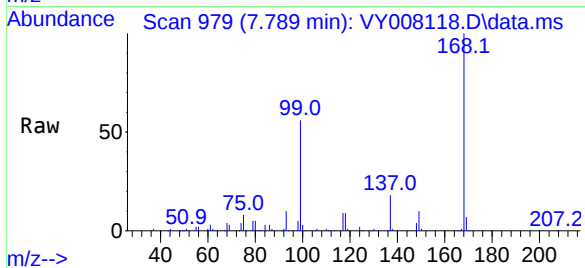
Tgt Ion: 75 Resp: 9922

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.268 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY008118.D

Acq: 30 Mar 2022 18:25

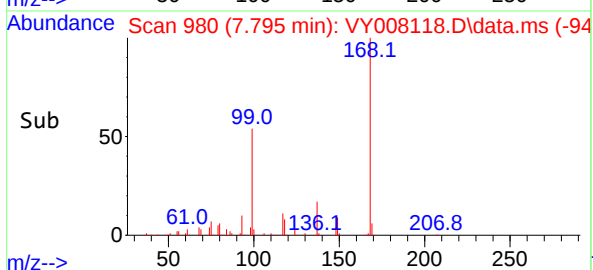
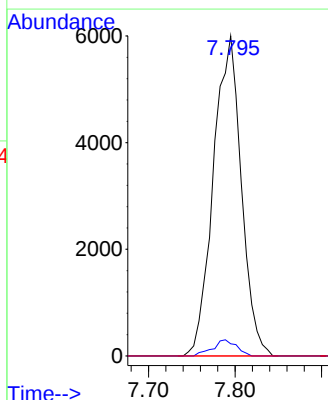
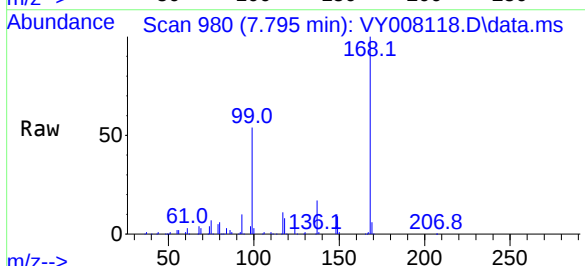
Tgt Ion: 117 Resp: 13445

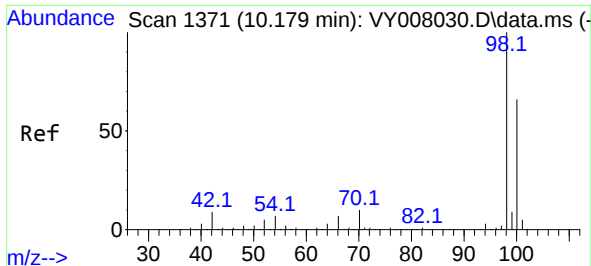
Ion Ratio Lower Upper

117 100

119 3.8 77.9 116.9#

121 0.0 24.8 37.2#

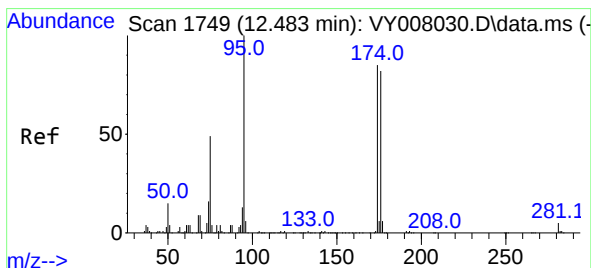
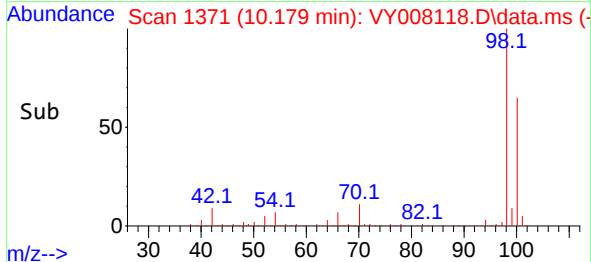
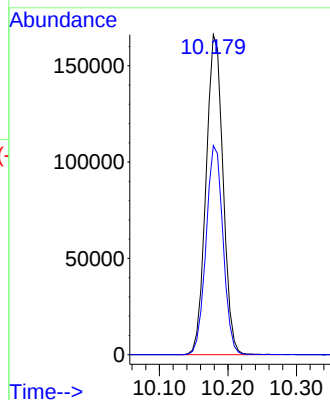
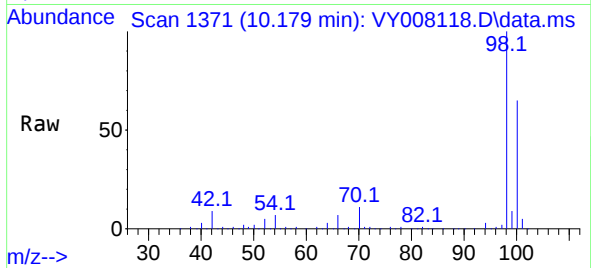




#50
Toluene-d8
Concen: 51.125 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

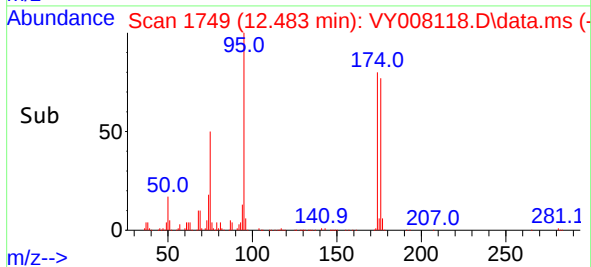
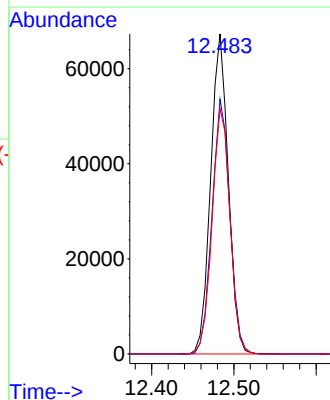
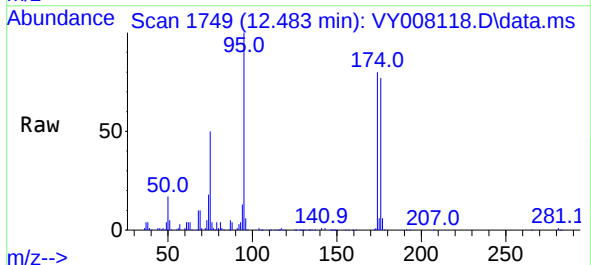
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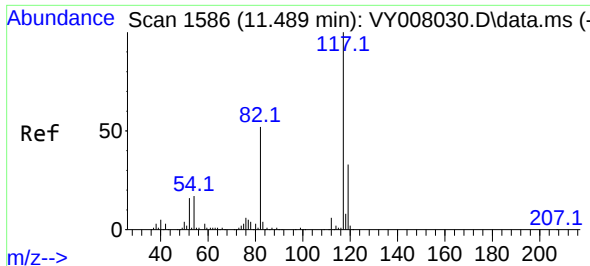
Tgt Ion: 98 Resp: 287159
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

Tgt Ion: 95 Resp: 100177
Ion Ratio Lower Upper
95 100
174 80.7 0.0 177.0
176 77.8 0.0 175.8

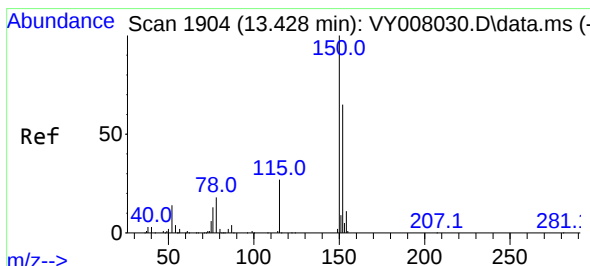
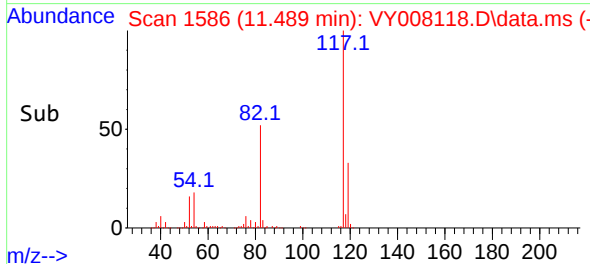
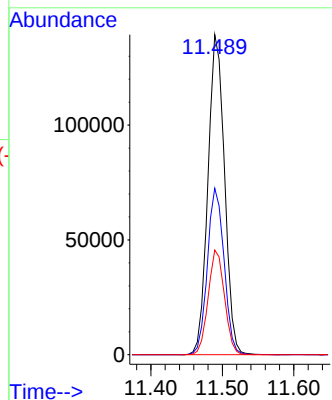
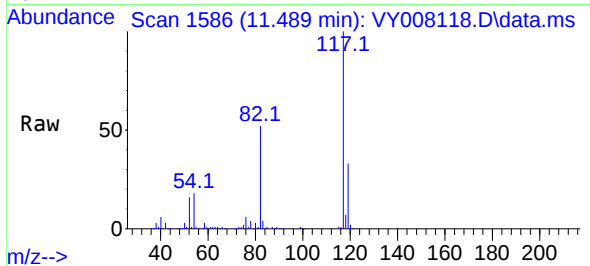




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

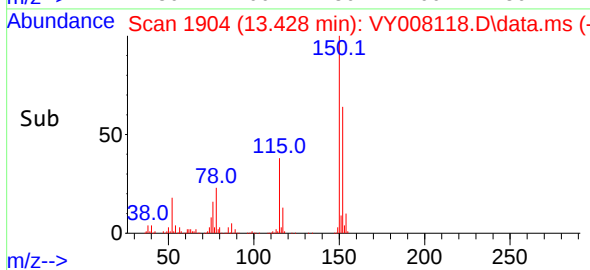
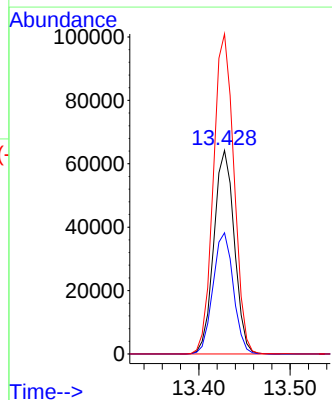
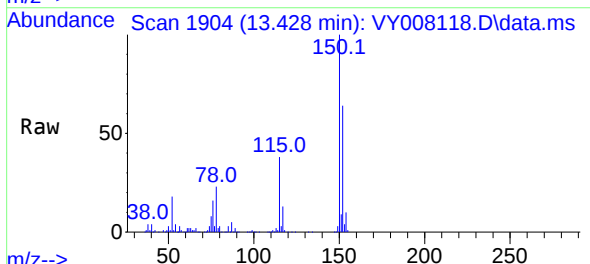
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-032822

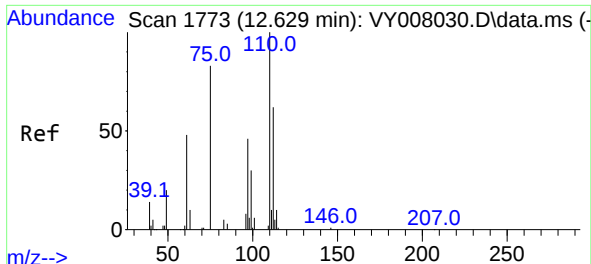
Tgt Ion:117 Resp: 224742
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

Tgt Ion:152 Resp: 100051
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 158.0 0.0 347.6

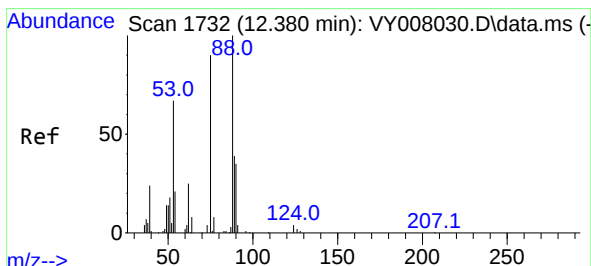
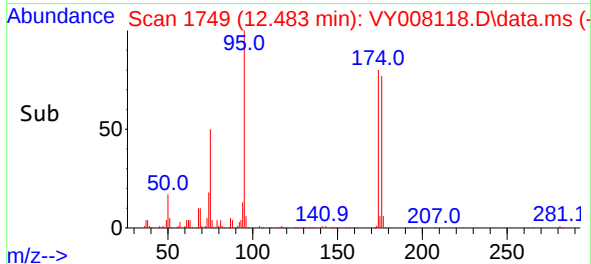
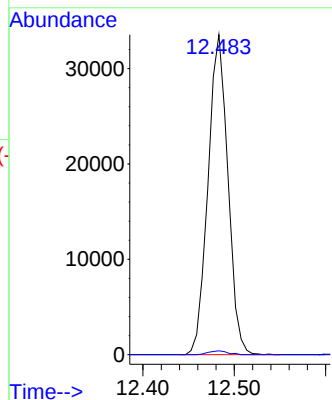
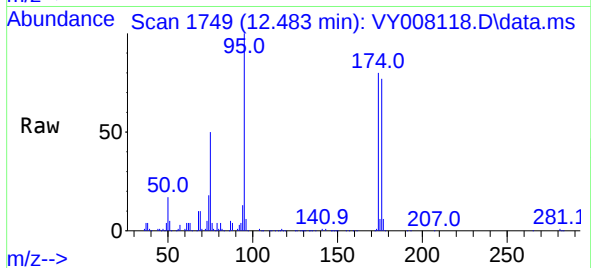




#76
1,2,3-Trichloropropane
Concen: 41.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-032822

Tgt Ion: 75 Resp: 50593
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008118.D
Acq: 30 Mar 2022 18:25

Tgt Ion: 75 Resp: 50593
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

