

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008120.D
 Acq On : 30 Mar 2022 19:12
 Operator : SY/MD
 Sample : N2149-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-LINDEN-PROPANE

Quant Time: Mar 31 05:03:12 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)

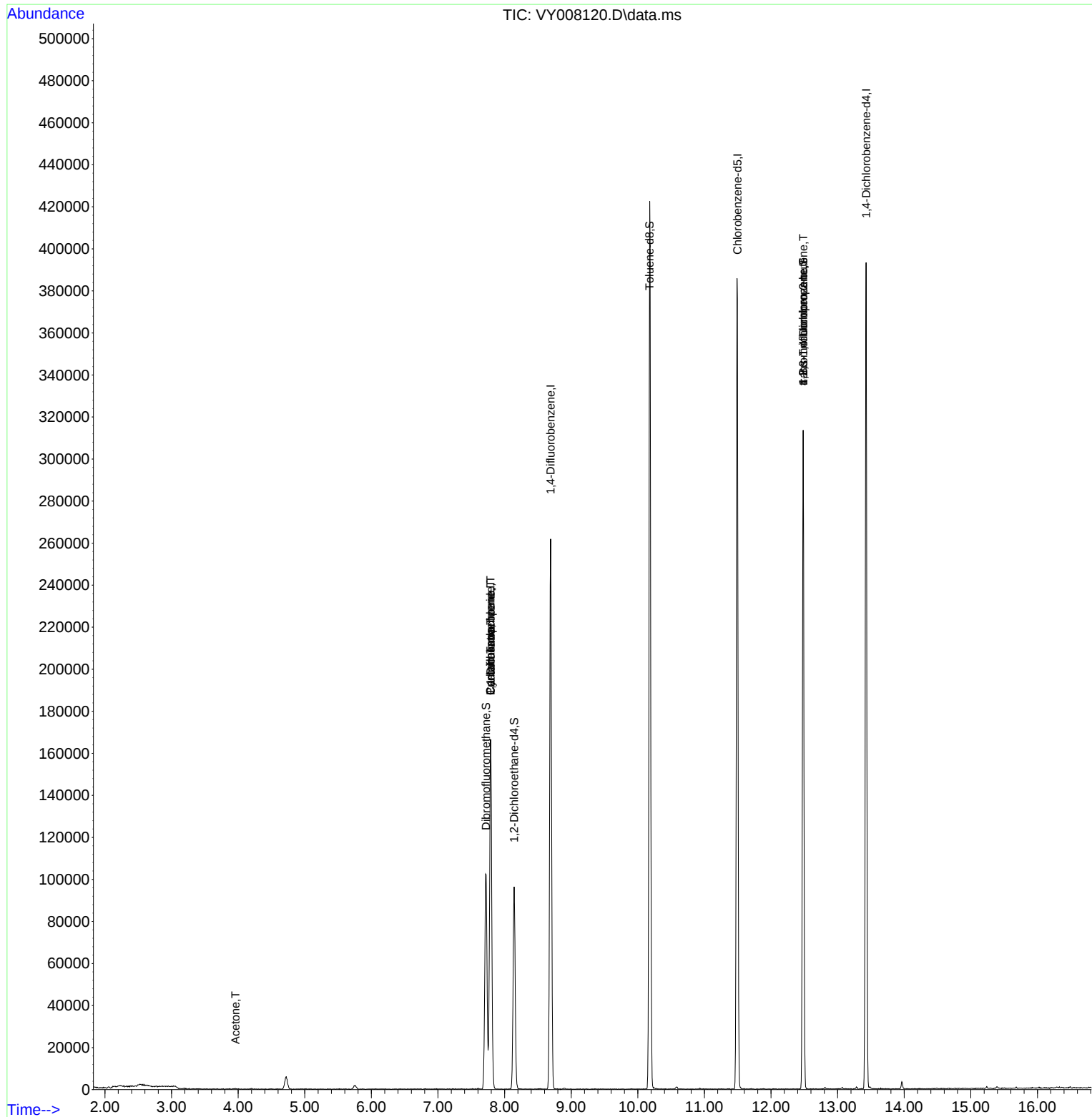
Internal Standards						
1) Pentafluorobenzene	7.789	168	129673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73858	56.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.540%	
35) Dibromofluoromethane	7.722	113	74186	50.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.900%	
50) Toluene-d8	10.179	98	284574	51.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.483	95	97930	50.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	654	2.199	ug/l #	47
18) Methyl Acetate	4.478	43	206	Below Cal	#	56
20) Methylene Chloride	4.722	84	4747	Below Cal	#	77
31) Cyclohexane	7.789	56	2925	1.203	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10132	4.386	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12975	5.154	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50325	41.342	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50325	92.240	ug/l #	7

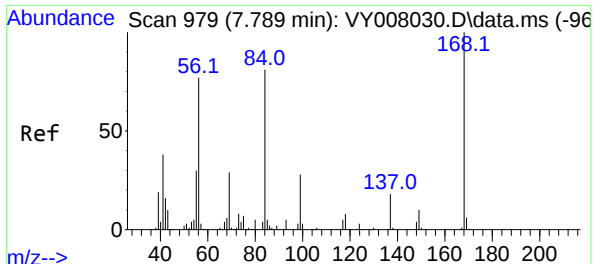
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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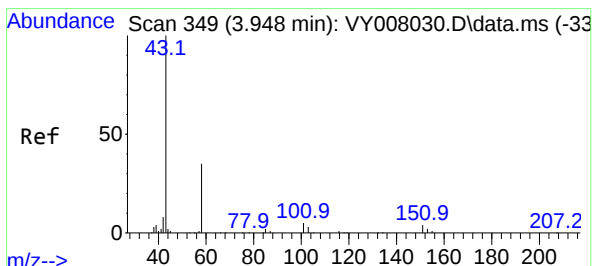
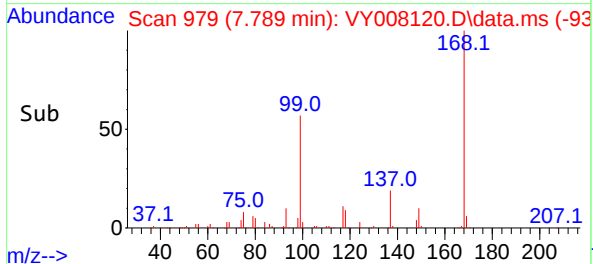
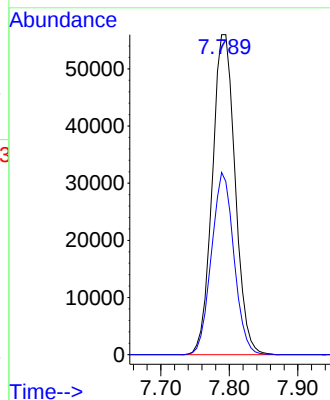
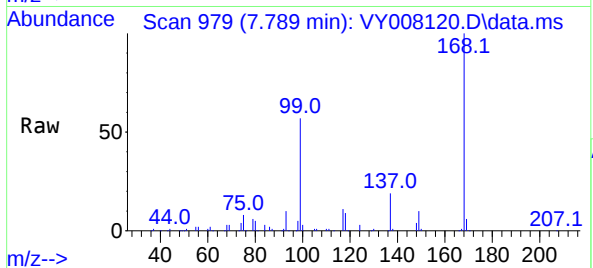




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

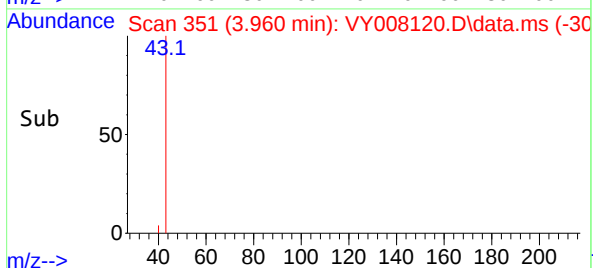
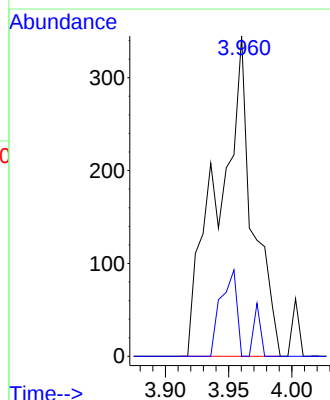
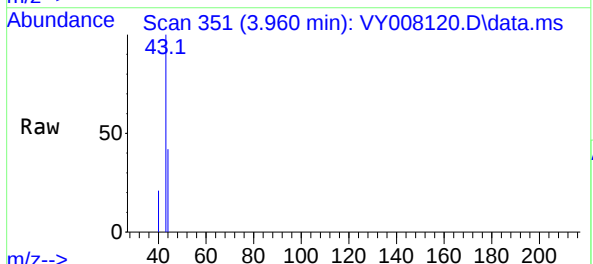
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-PROPANE

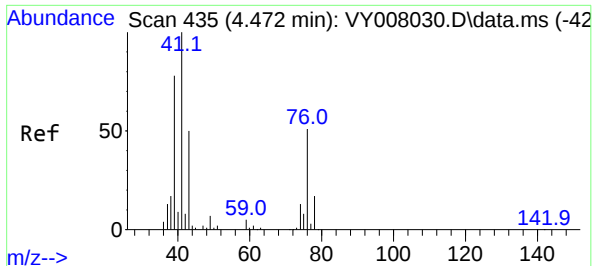
Tgt Ion:168 Resp: 129673
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#16
Acetone
Concen: 2.199 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

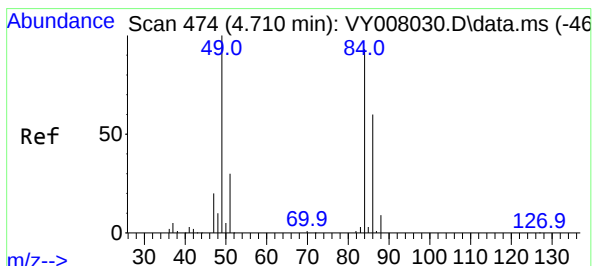
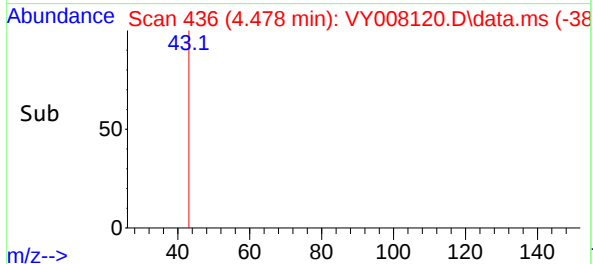
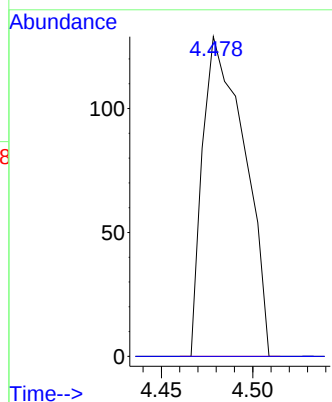
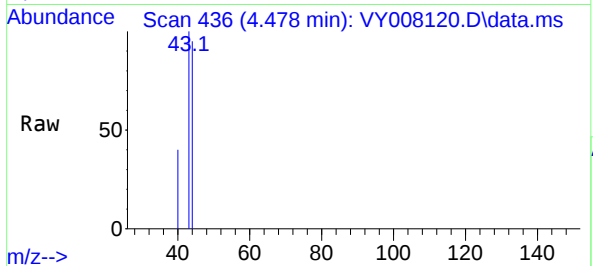




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

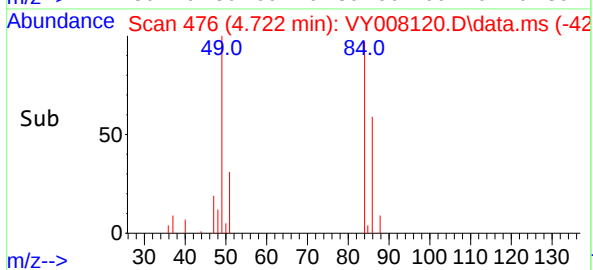
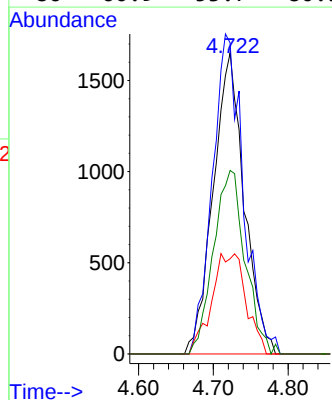
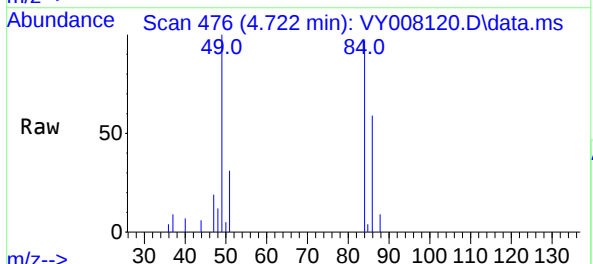
Instrument :
MSVOA_Y
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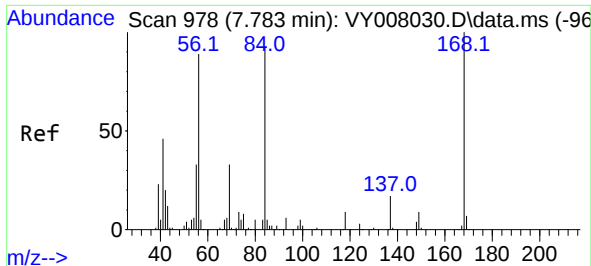
Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion: 84 Resp: 4747
Ion Ratio Lower Upper
84 100
49 103.3 114.4 171.6#
51 31.6 35.3 52.9#
86 60.9 53.7 80.5

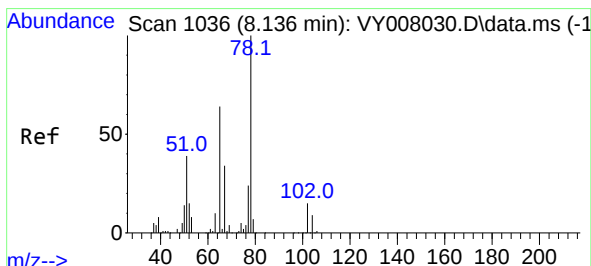
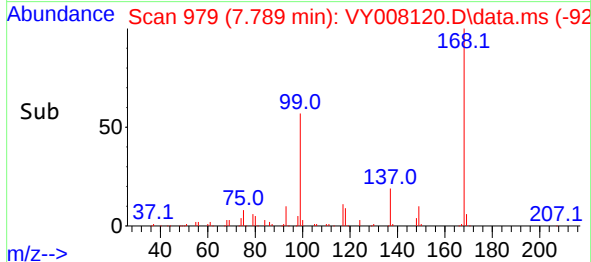
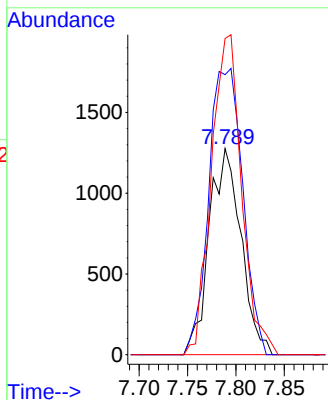
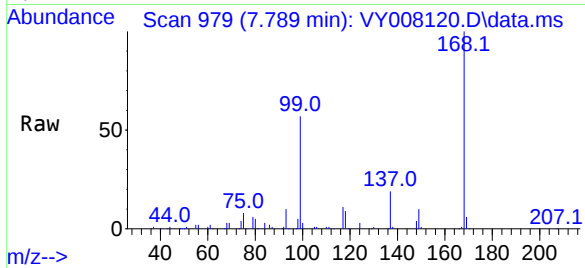




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

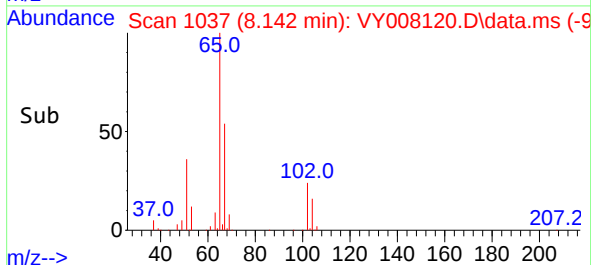
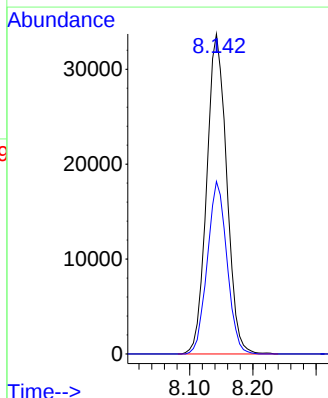
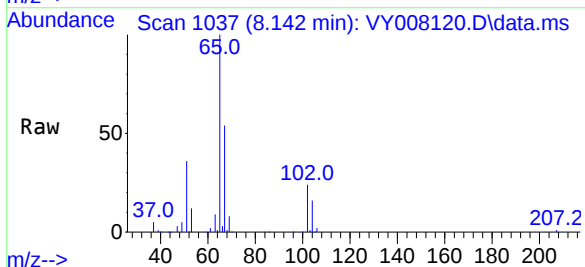
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-PROPANE

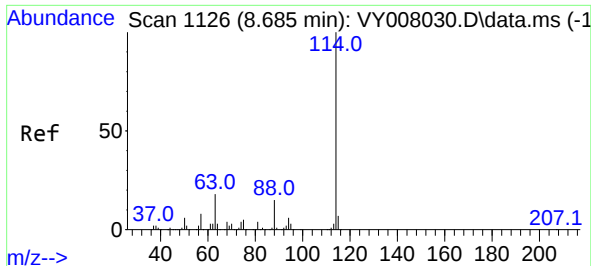
Tgt Ion: 56 Resp: 2925
Ion Ratio Lower Upper
56 100
69 135.8 26.7 40.1#
84 153.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.770 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion: 65 Resp: 73858
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: VY008120.D

Acq: 30 Mar 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

PILE-LINDEN-PROPANE

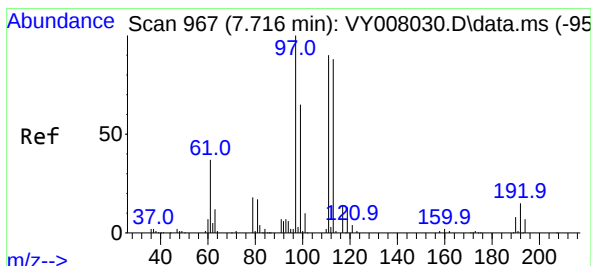
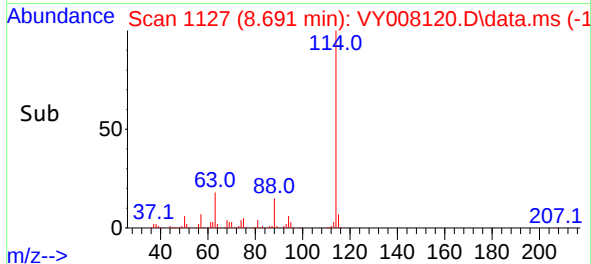
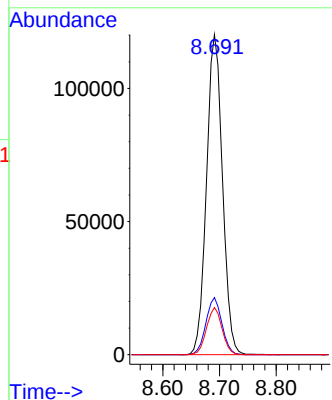
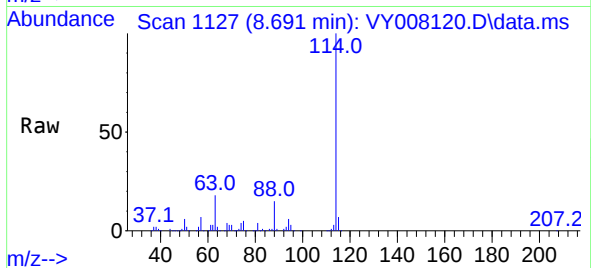
Tgt Ion:114 Resp: 234541

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.449 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008120.D

Acq: 30 Mar 2022 19:12

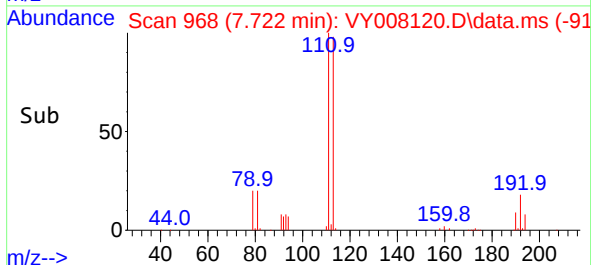
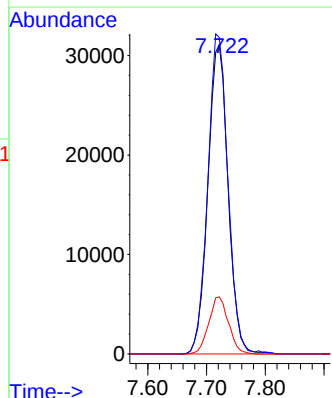
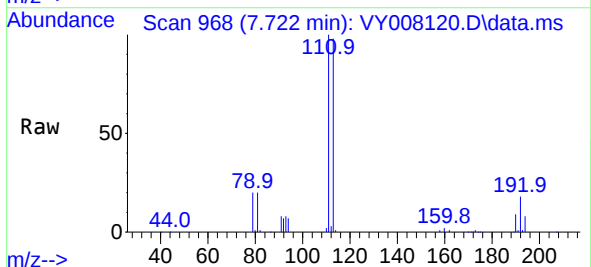
Tgt Ion:113 Resp: 74186

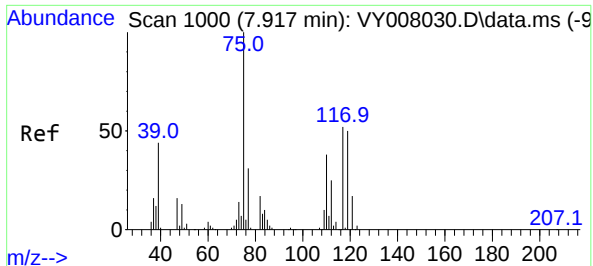
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008120.D

Acq: 30 Mar 2022 19:12

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ClientSampleId :

PILE-LINDEN-PROPANE

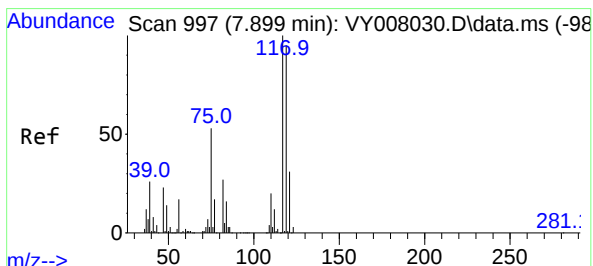
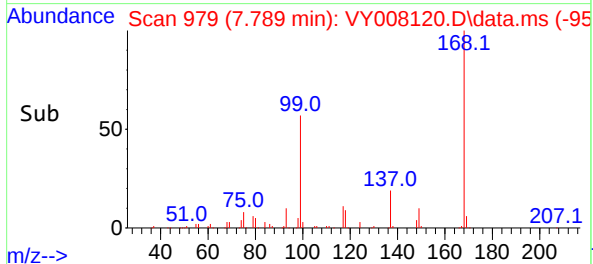
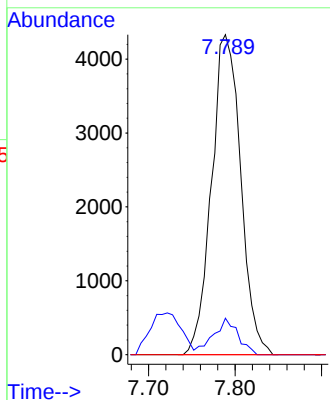
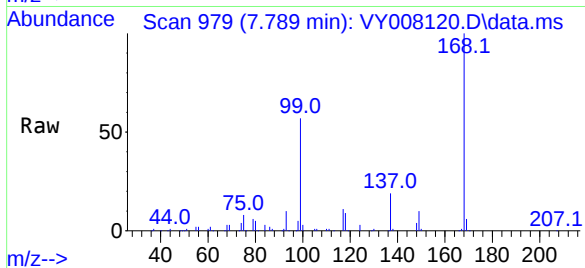
Tgt Ion: 75 Resp: 10132

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.154 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008120.D

Acq: 30 Mar 2022 19:12

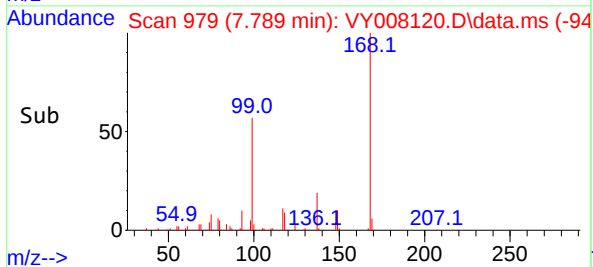
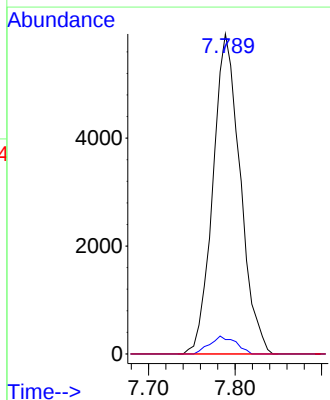
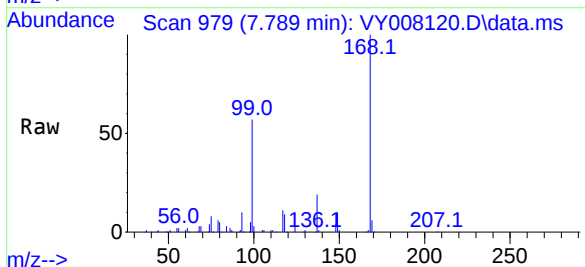
Tgt Ion: 117 Resp: 12975

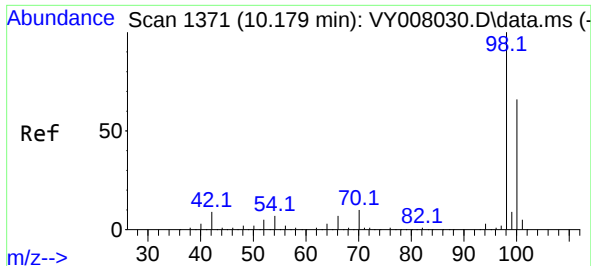
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

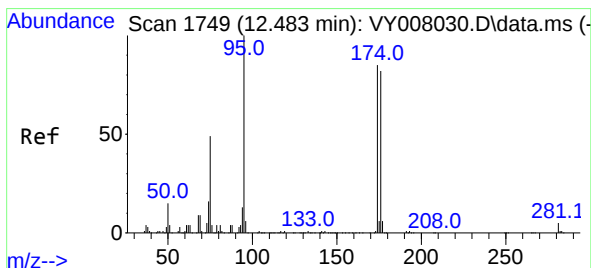
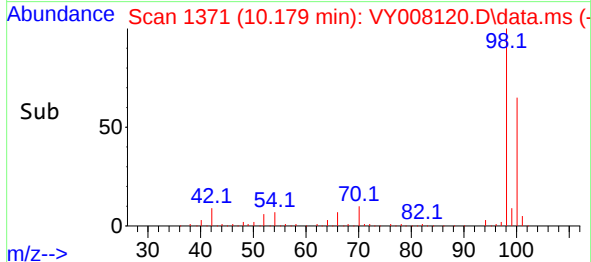
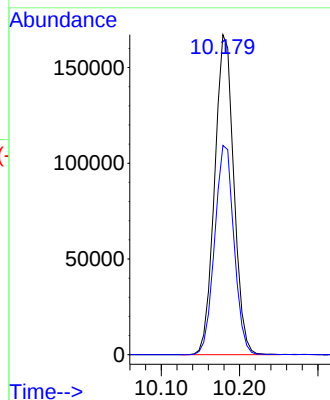
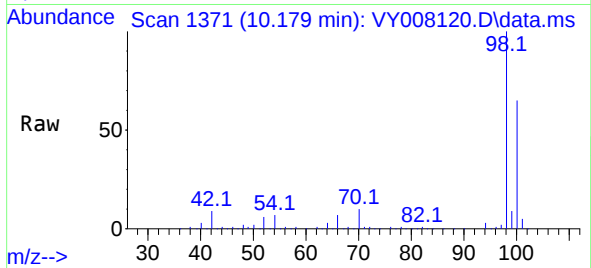




#50
Toluene-d8
Concen: 51.366 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

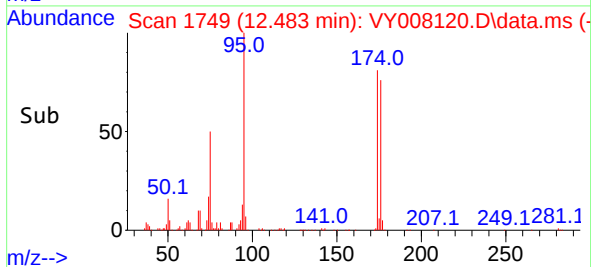
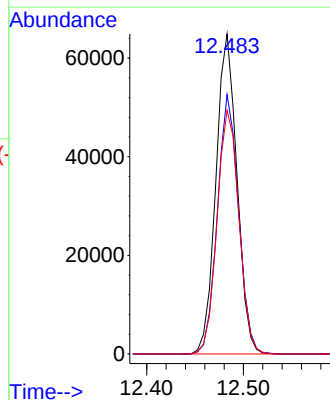
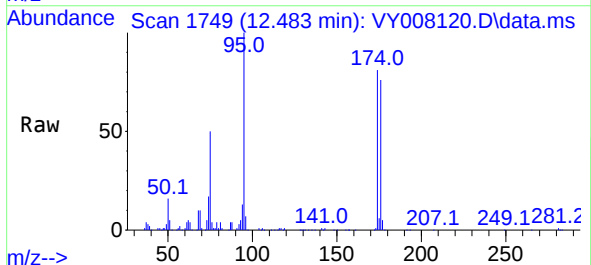
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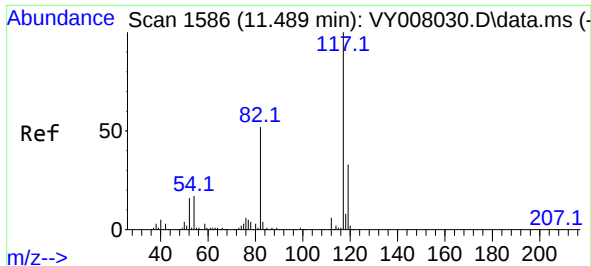
Tgt Ion: 98 Resp: 284574
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.103 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion: 95 Resp: 97930
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 78.8 0.0 175.8

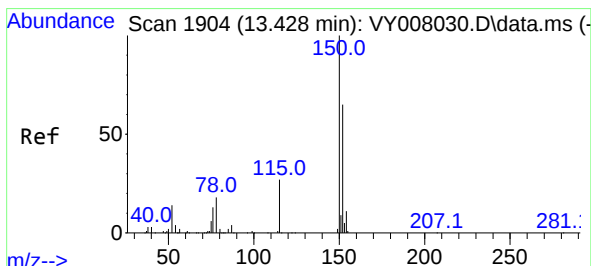
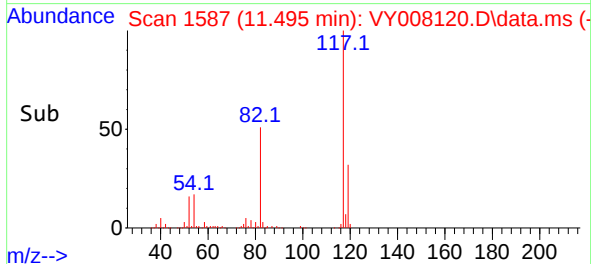
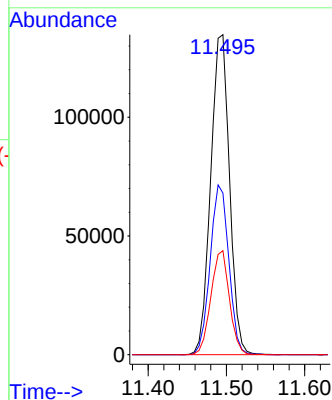
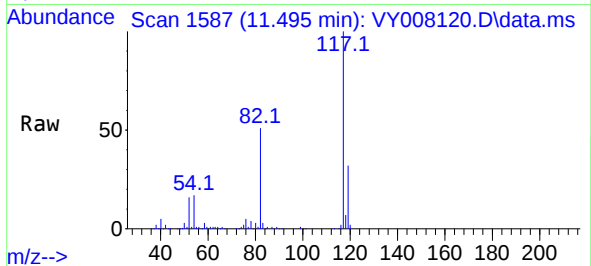




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

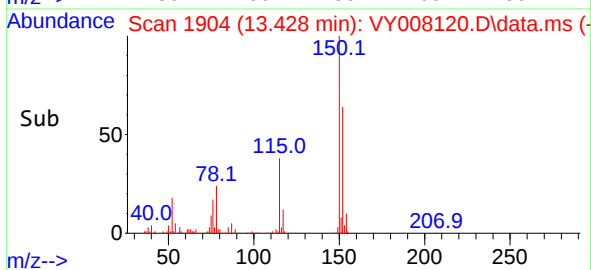
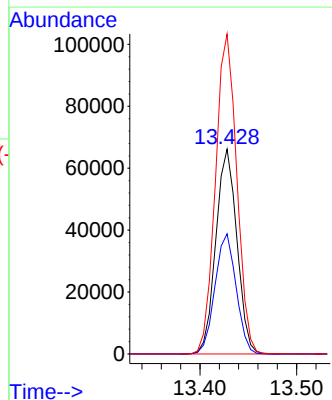
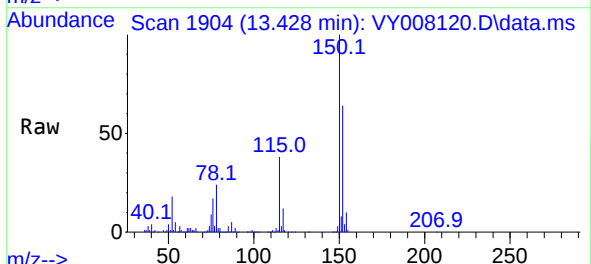
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-PROPANE

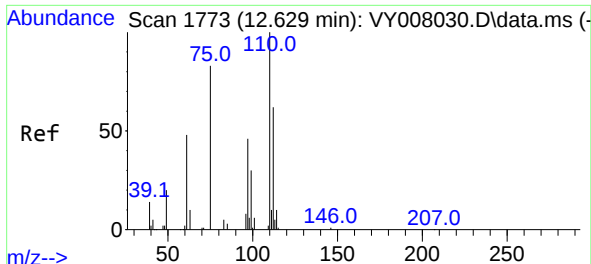
Tgt Ion:117 Resp: 224551
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion:152 Resp: 99859
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 158.3 0.0 347.6

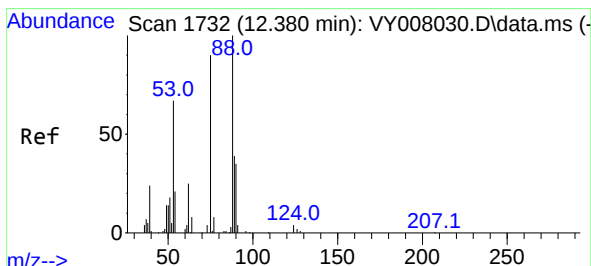
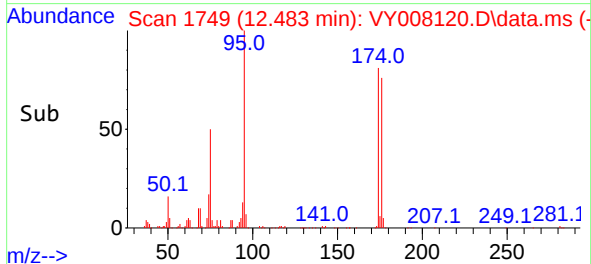
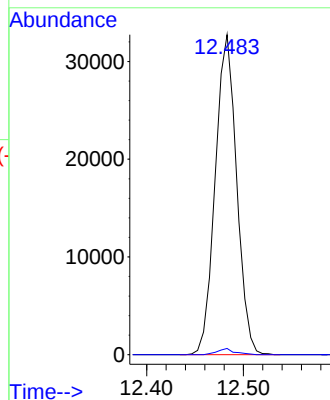
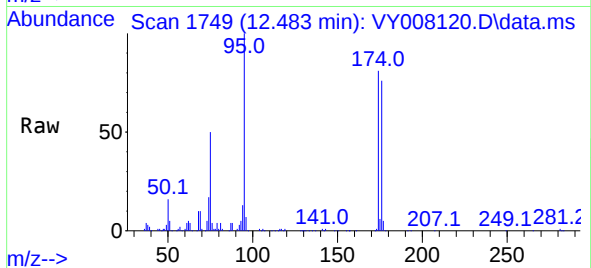




#76
1,2,3-Trichloropropane
Concen: 41.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-PROPANE

Tgt Ion: 75 Resp: 50325
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.240 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion: 75 Resp: 50325
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

