

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008135.D
 Acq On : 31 Mar 2022 13:35
 Operator : SY/MD
 Sample : N2149-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-LINDEN-SWITCH

Quant Time: Mar 31 14:23:36 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)

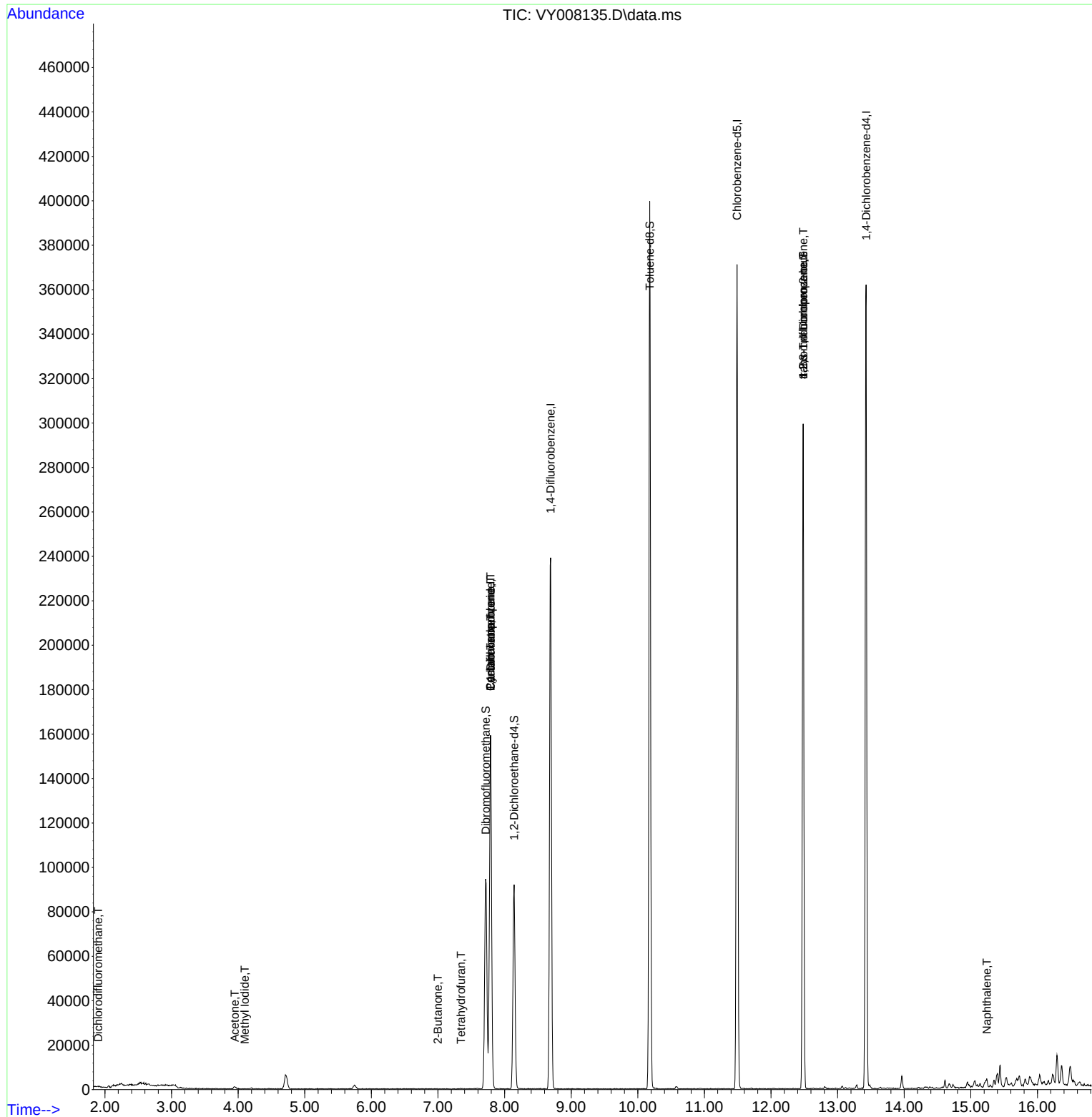
Internal Standards						
1) Pentafluorobenzene	7.789	168	120974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70302	57.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.840%			
35) Dibromofluoromethane	7.716	113	68612	50.079	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.160%			
50) Toluene-d8	10.179	98	265395	51.416	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.483	95	92273	50.669	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.340%			
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	269	0.247	ug/l #	43
10) Methyl Iodide	4.101	142	68	1.738	ug/l #	35
16) Acetone	3.948	43	1847	6.658	ug/l	99
18) Methyl Acetate	4.473	43	200	Below Cal	#	56
20) Methylene Chloride	4.710	84	5165	Below Cal	#	77
25) 2-Butanone	6.996	43	102	0.242	ug/l #	54
29) Tetrahydrofuran	7.344	42	86	0.313	ug/l #	38
31) Cyclohexane	7.789	56	2400	1.058	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9261	4.303	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12633	5.386	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	47111	41.373	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47111	92.310	ug/l #	7
95) Naphthalene	15.239	128	2498	0.611	ug/l	99

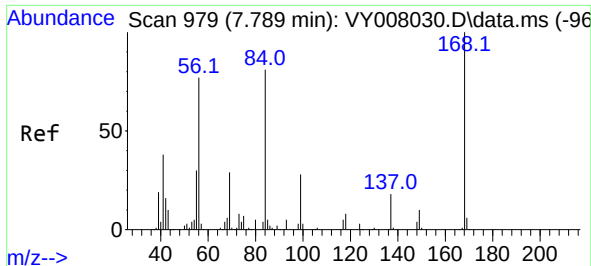
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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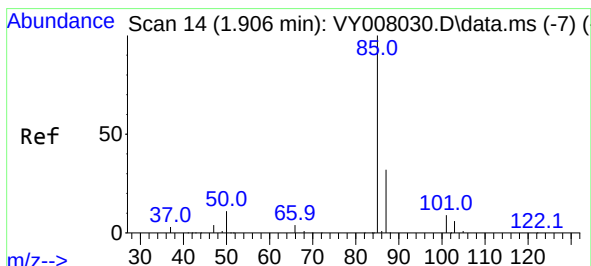
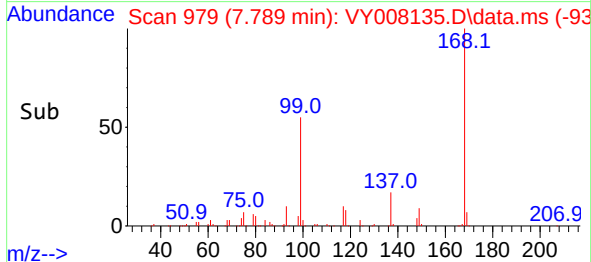
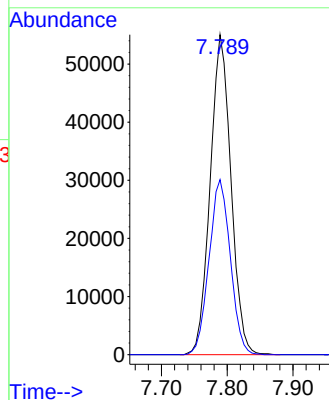
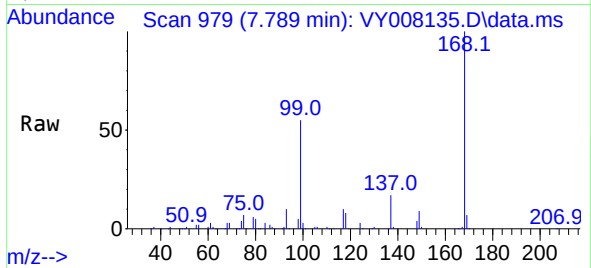




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

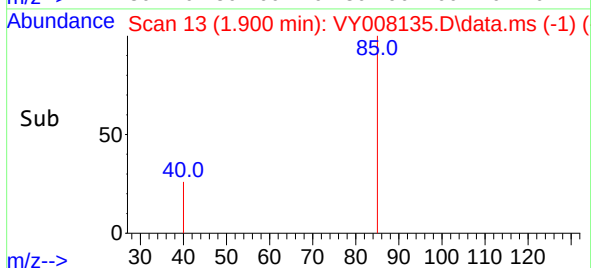
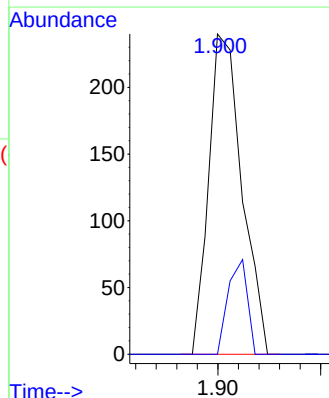
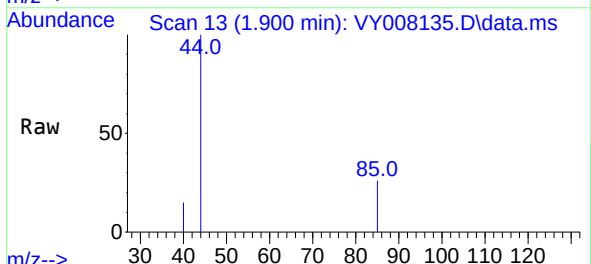
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-SWICH

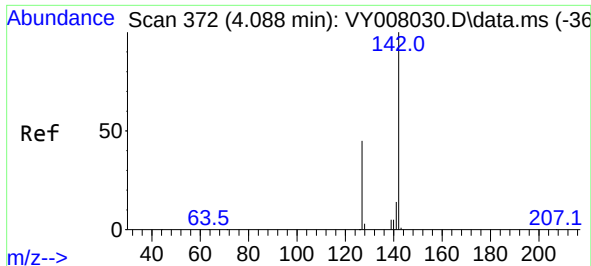
Tgt Ion:168 Resp: 120974
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 0.247 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

Tgt Ion: 85 Resp: 269
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



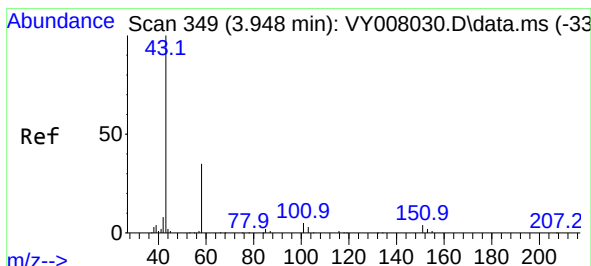
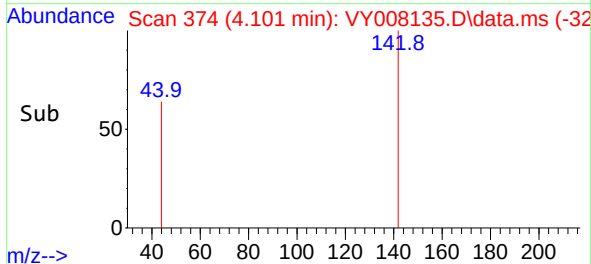
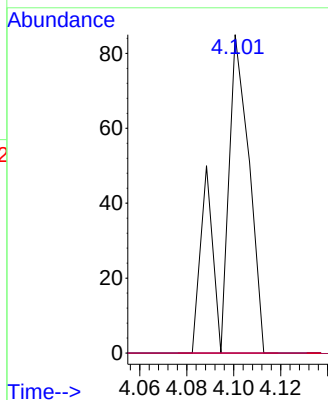
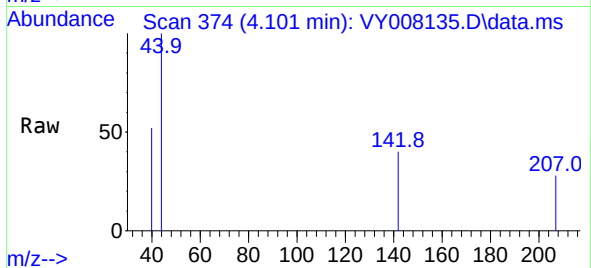


#10
Methyl Iodide
Concen: 1.738 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-SWICH

Tgt Ion:142 Resp: 68

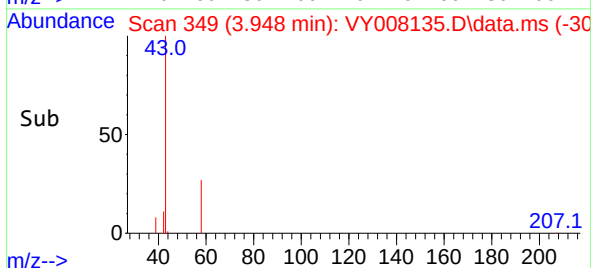
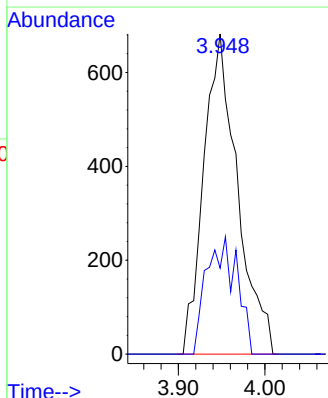
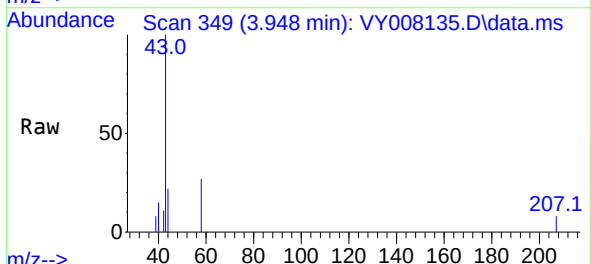
Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.5	62.3#
141	0.0	11.9	17.9#

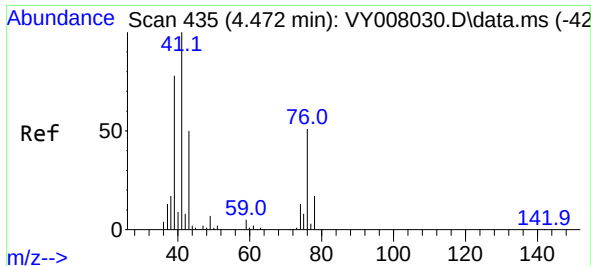


#16
Acetone
Concen: 6.658 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

Tgt Ion: 43 Resp: 1847

Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.0	33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008135.D

Acq: 31 Mar 2022 13:35

Instrument :

MSVOA_Y

ClientSampleId :

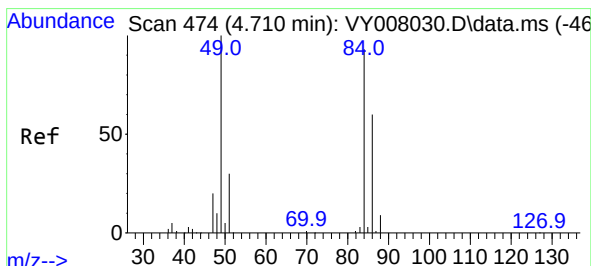
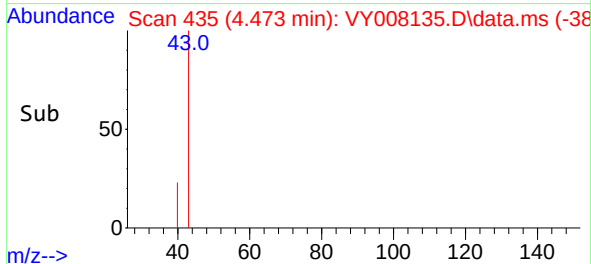
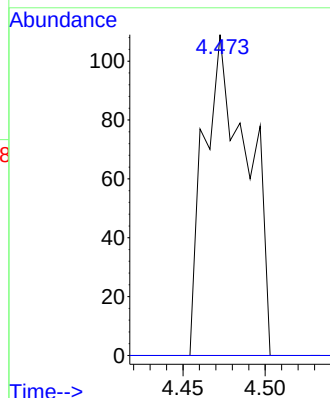
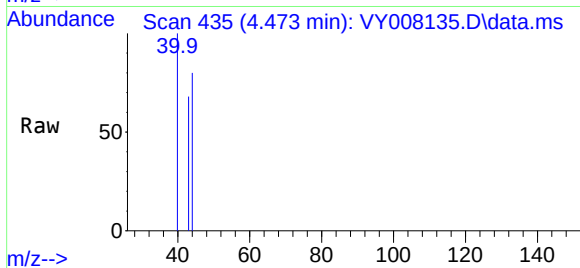
PILE-LINDEN-SWITCH

Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008135.D

Acq: 31 Mar 2022 13:35

Tgt Ion: 84 Resp: 5165

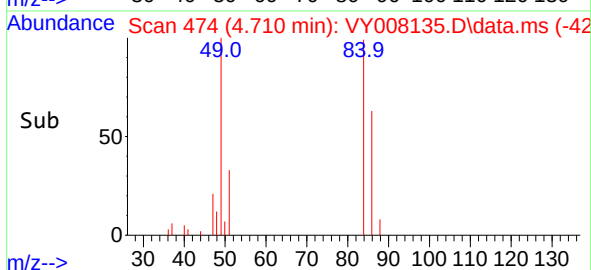
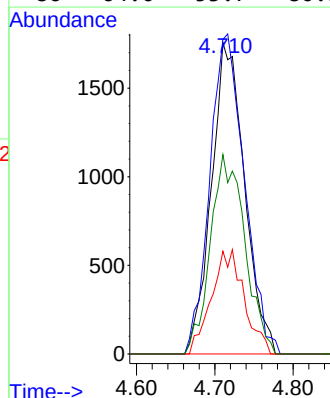
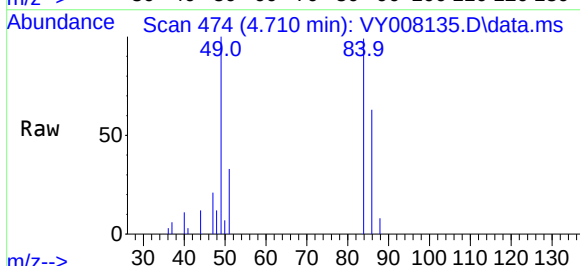
Ion Ratio Lower Upper

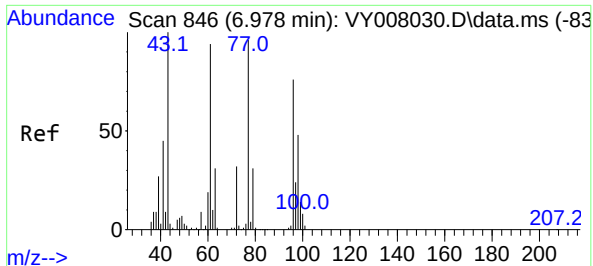
84 100

49 101.0 114.4 171.6#

51 33.0 35.3 52.9#

86 64.0 53.7 80.5





#25

2-Butanone

Concen: 0.242 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY008135.D

Acq: 31 Mar 2022 13:35

Instrument :

MSVOA_Y

ClientSampleId :

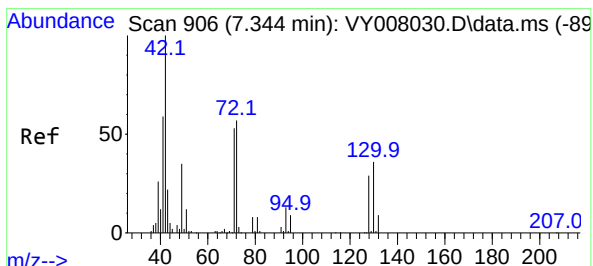
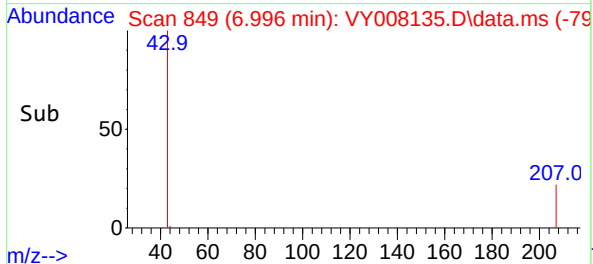
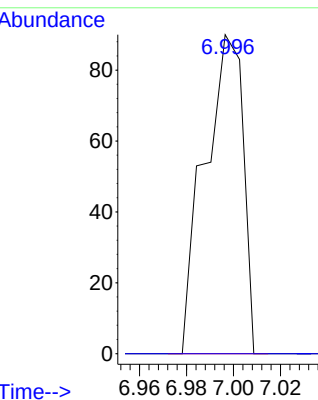
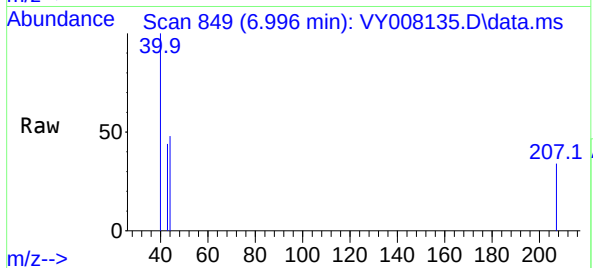
PILE-LINDEN-SWITCH

Tgt Ion: 43 Resp: 102

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 0.313 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008135.D

Acq: 31 Mar 2022 13:35

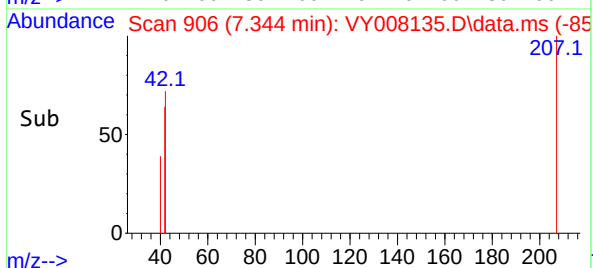
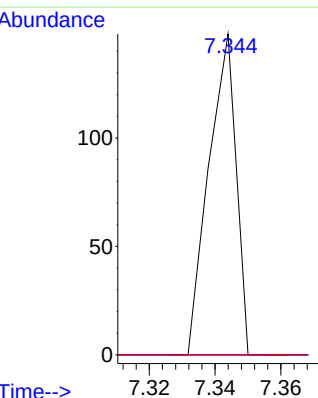
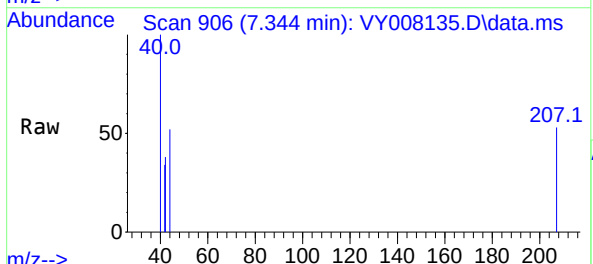
Tgt Ion: 42 Resp: 86

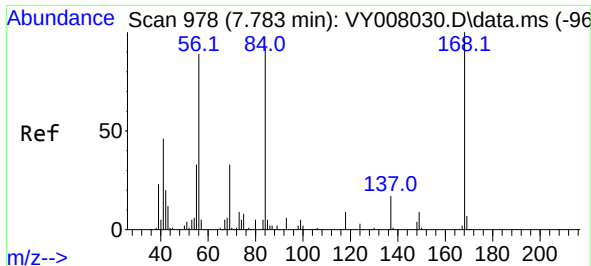
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#

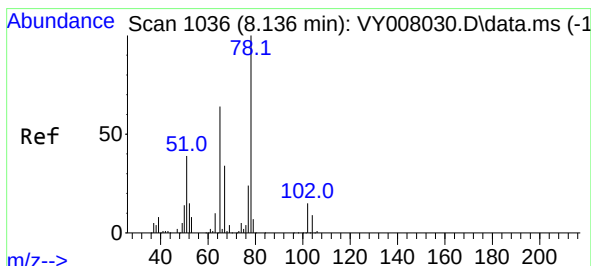
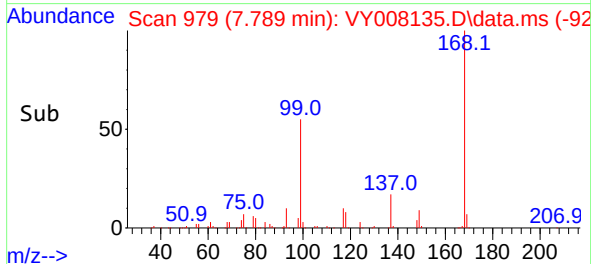
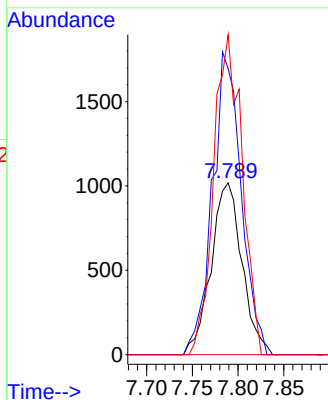
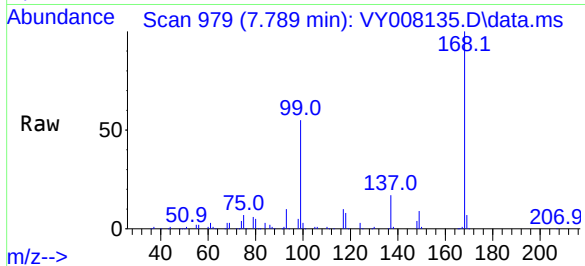




#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

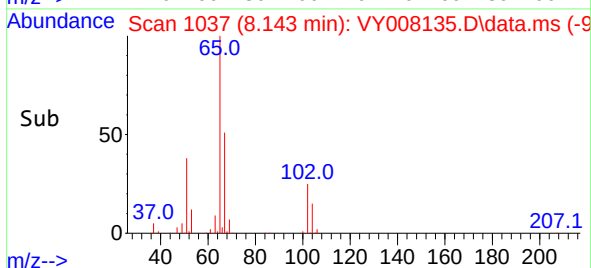
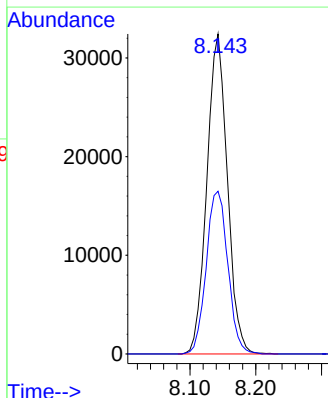
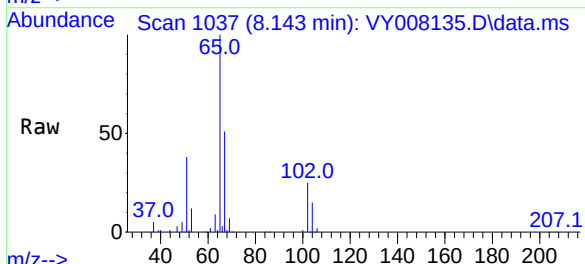
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-SWITCH

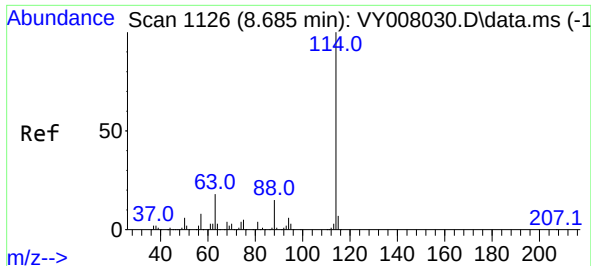
Tgt Ion: 56 Resp: 2400
Ion Ratio Lower Upper
56 100
69 166.5 26.7 40.1#
84 186.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.922 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

Tgt Ion: 65 Resp: 70302
Ion Ratio Lower Upper
65 100
67 53.6 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: VY008135.D

Acq: 31 Mar 2022 13:35

Instrument :

MSVOA_Y

ClientSampleId :

PILE-LINDEN-SWICH

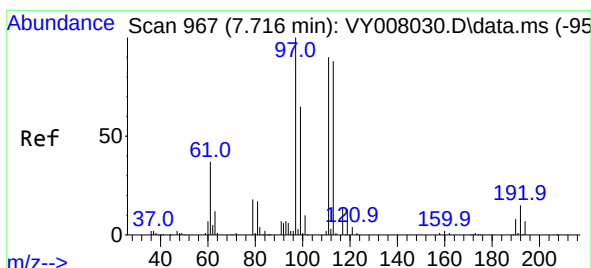
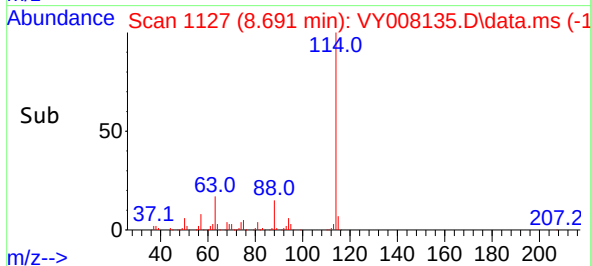
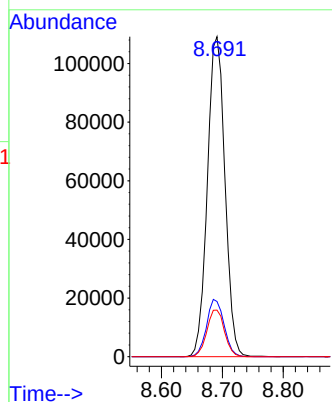
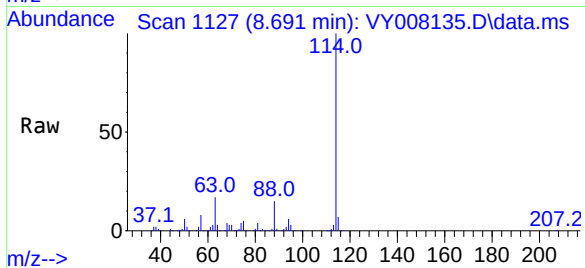
Tgt Ion:114 Resp: 218521

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008135.D

Acq: 31 Mar 2022 13:35

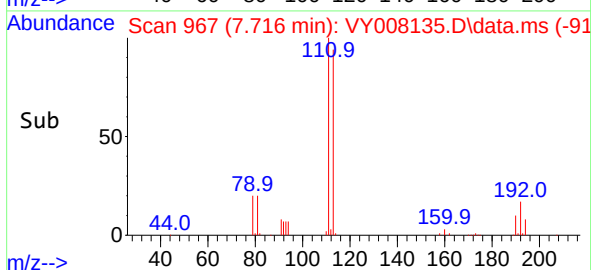
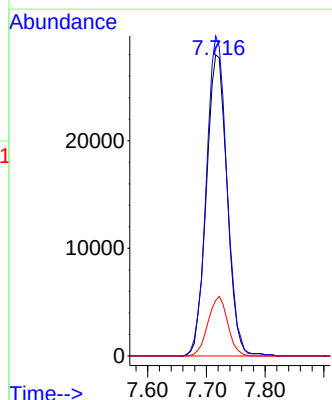
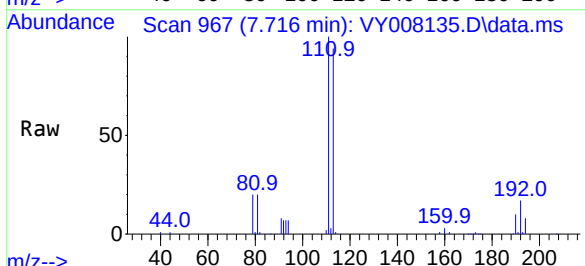
Tgt Ion:113 Resp: 68612

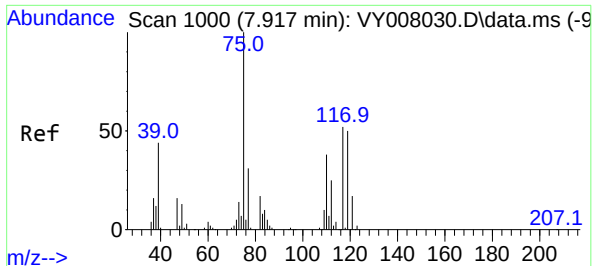
Ion Ratio Lower Upper

113 100

111 105.5 82.6 124.0

192 18.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.303 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008135.D

Acq: 31 Mar 2022 13:35

Instrument :

MSVOA_Y

ClientSampleId :

PILE-LINDEN-SWICH

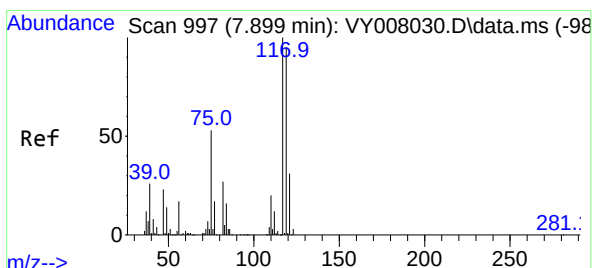
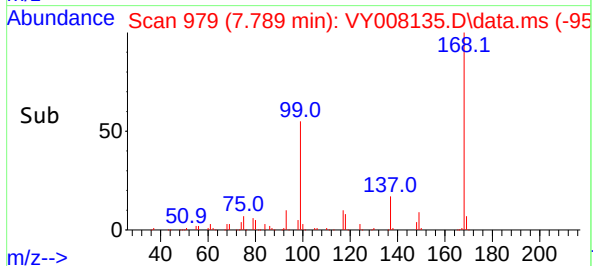
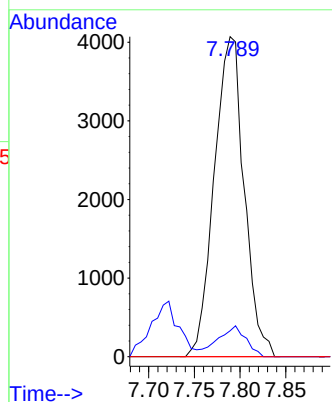
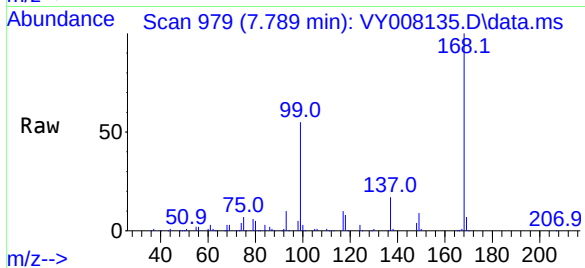
Tgt Ion: 75 Resp: 9261

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.386 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008135.D

Acq: 31 Mar 2022 13:35

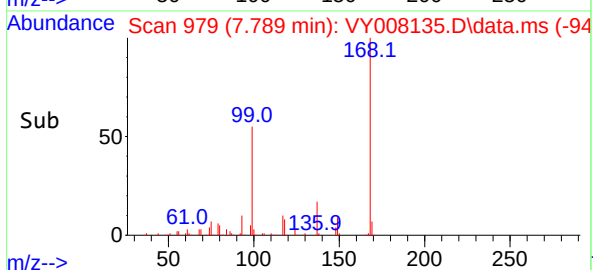
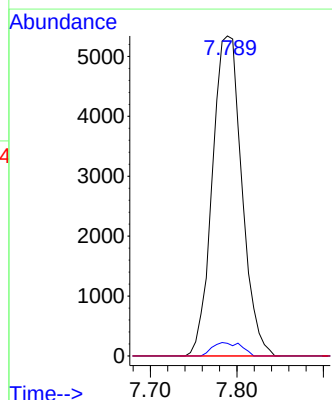
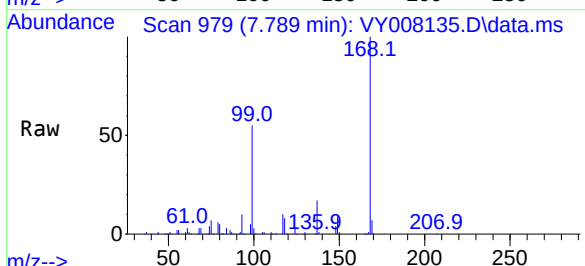
Tgt Ion: 117 Resp: 12633

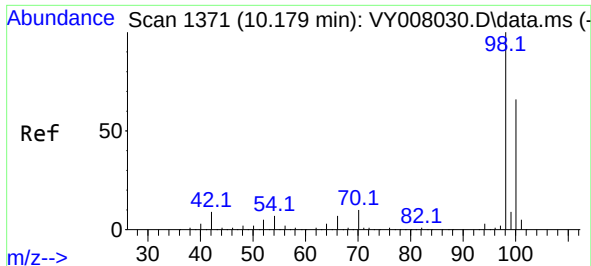
Ion Ratio Lower Upper

117 100

119 3.9 77.9 116.9#

121 0.0 24.8 37.2#

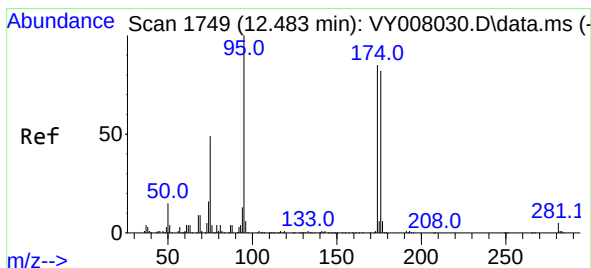
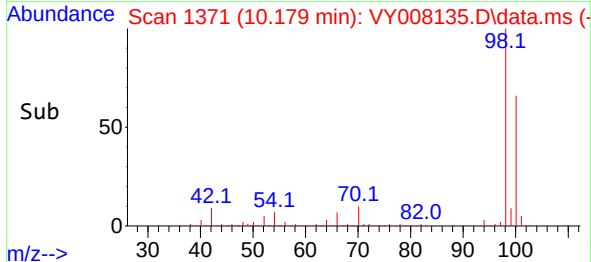
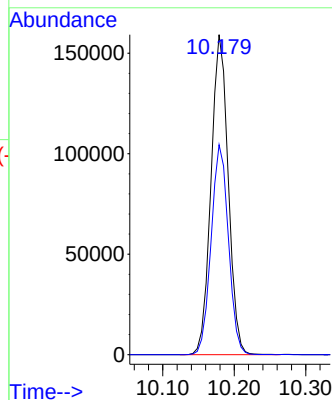
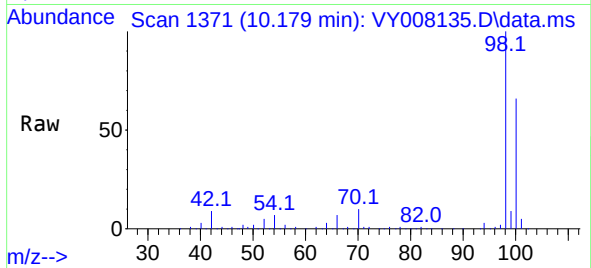




#50
Toluene-d8
Concen: 51.416 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

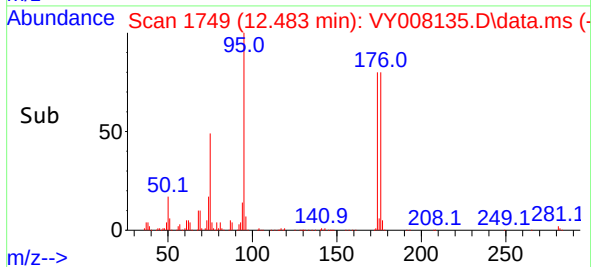
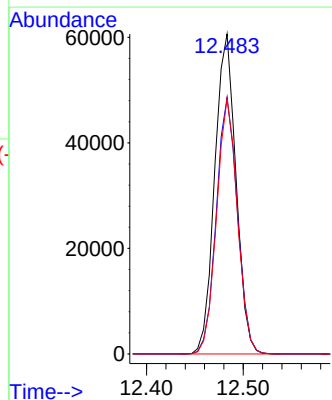
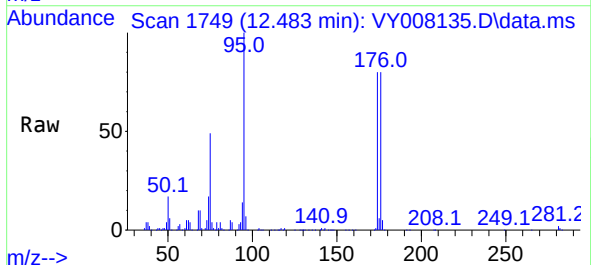
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-SWICH

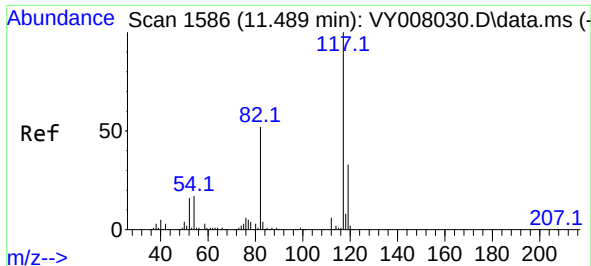
Tgt Ion: 98 Resp: 265395
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

Tgt Ion: 95 Resp: 92273
Ion Ratio Lower Upper
95 100
174 79.6 0.0 177.0
176 78.1 0.0 175.8

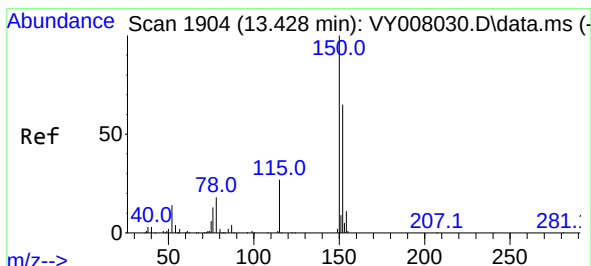
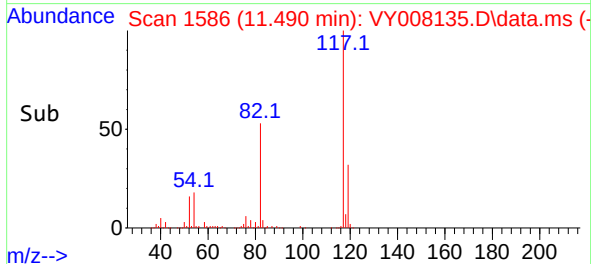
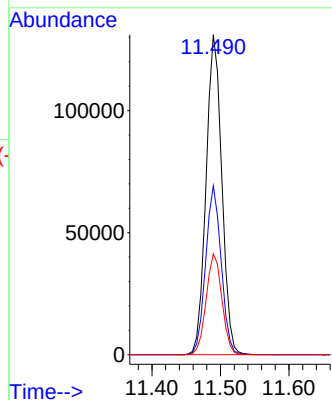
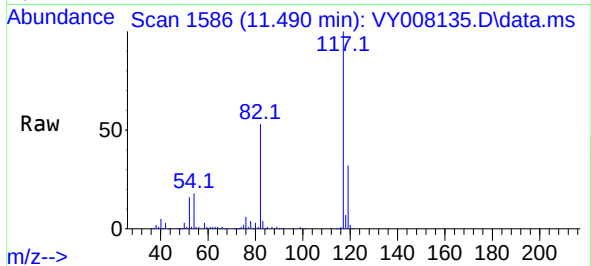




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

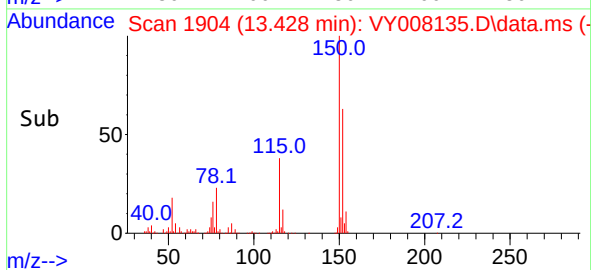
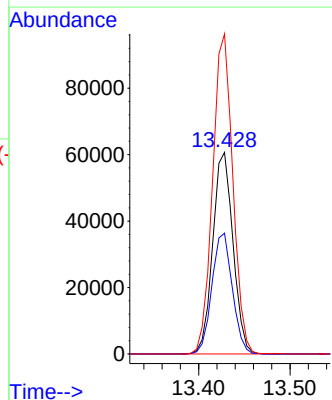
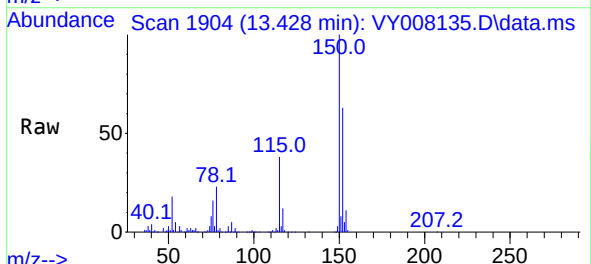
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-SWITCH

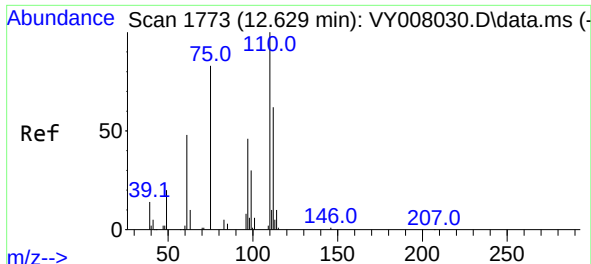
Tgt Ion:117 Resp: 209366
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

Tgt Ion:152 Resp: 93411
Ion Ratio Lower Upper
152 100
115 60.3 28.2 84.7
150 158.0 0.0 347.6

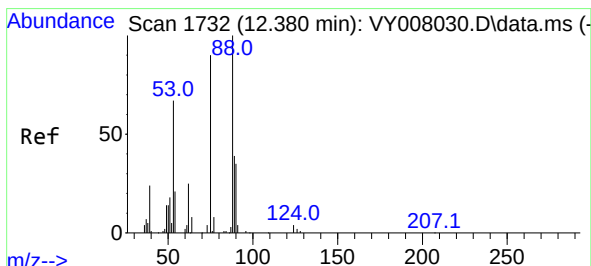
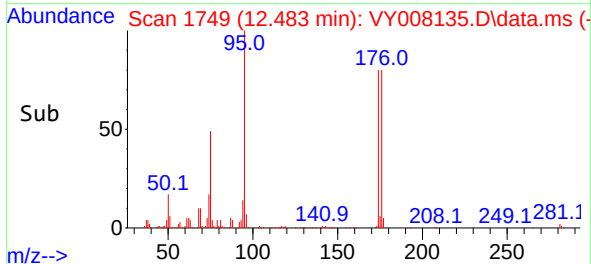
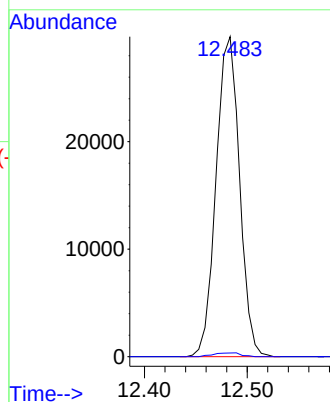
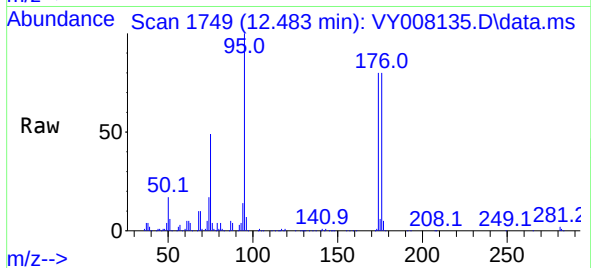




#76
1,2,3-Trichloropropane
Concen: 41.373 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

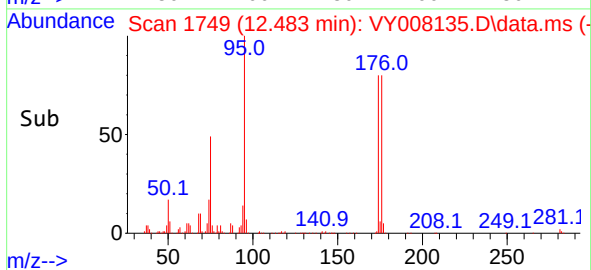
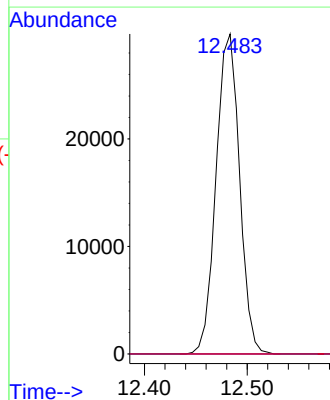
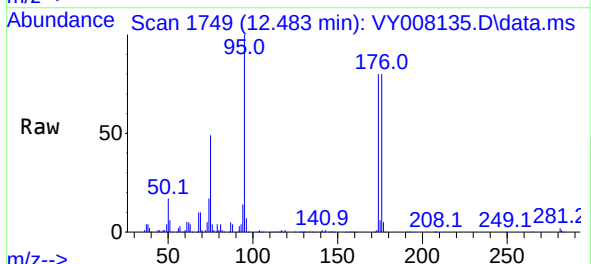
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-SWICH

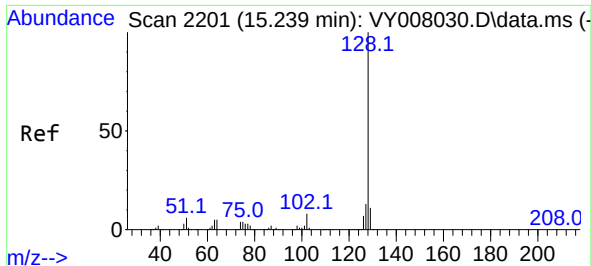
Tgt Ion: 75 Resp: 47111
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008135.D
Acq: 31 Mar 2022 13:35

Tgt Ion: 75 Resp: 47111
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 0.611 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008135.D

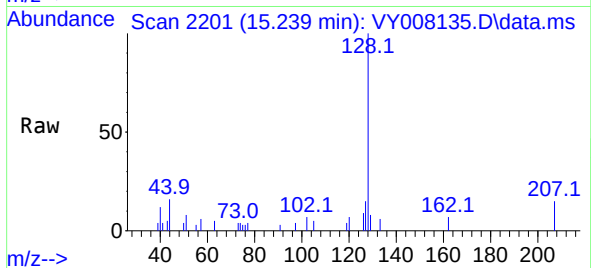
Acq: 31 Mar 2022 13:35

Instrument :

MSVOA_Y

ClientSampleId :

PILE-LINDEN-SWITCH



Tgt Ion:128 Resp: 2498

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.1 8.4 12.6

