

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008318.D
 Acq On : 13 Apr 2022 17:24
 Operator : KP/MD
 Sample : N2369-01
 Misc : 6.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EMERSON-SCHOOL-STOCK-PILE

Quant Time: Apr 14 05:58:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63027	62.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.240%
35) Dibromofluoromethane	7.716	113	61336	54.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.179	98	235106	60.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.860%
62) 4-Bromofluorobenzene	12.483	95	82939	57.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.300%

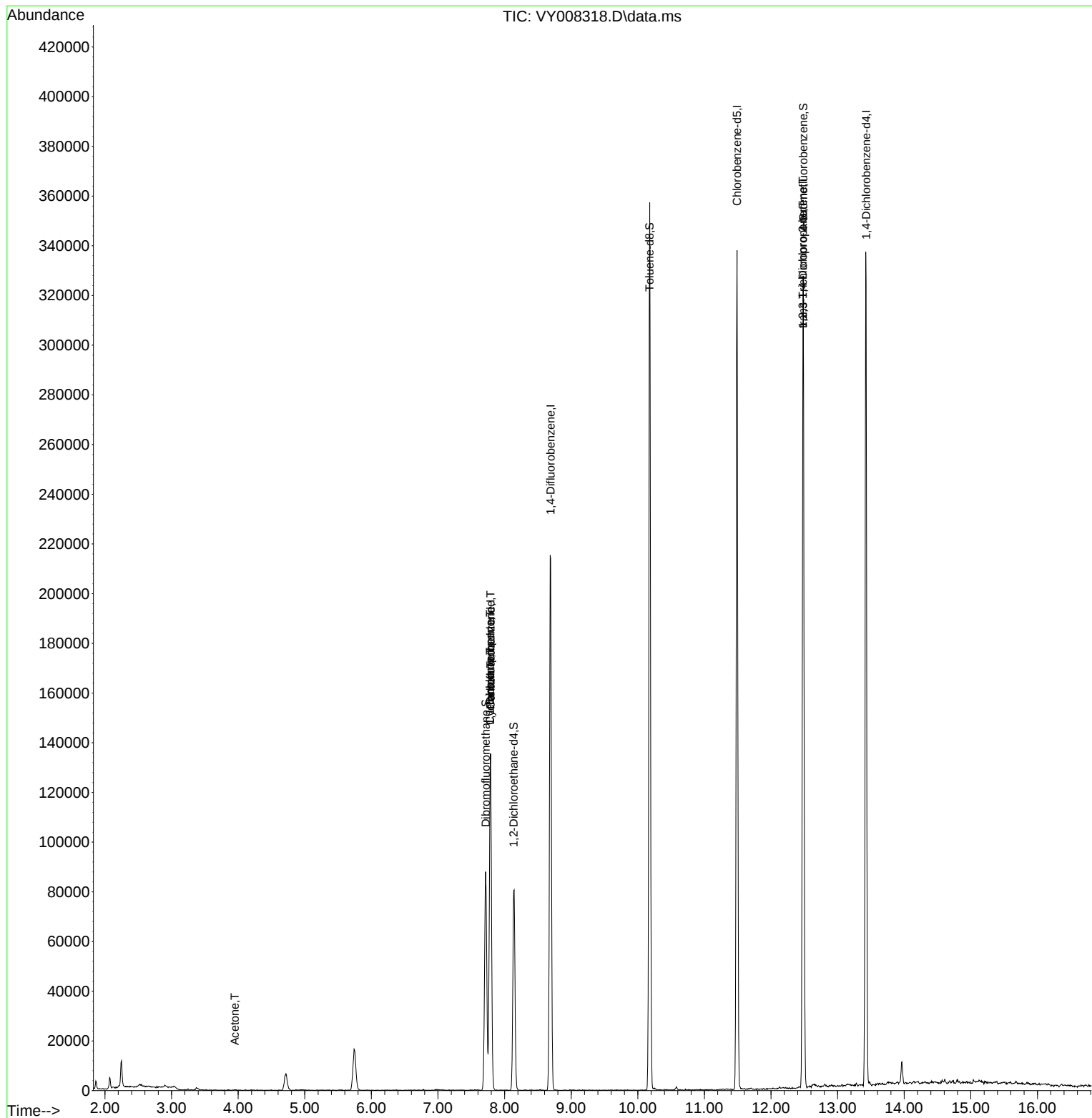
Target Compounds					Qvalue	
3) Chloromethane	2.107	50	109	Below Cal	#	44
5) Bromomethane	2.668	94	145	Below Cal	#	67
16) Acetone	3.948	43	419	1.731	ug/l #	47
18) Methyl Acetate	4.460	43	244	Below Cal	#	56
20) Methylene Chloride	4.722	84	5233	Below Cal	#	76
31) Cyclohexane	7.783	56	2292	1.259	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8223	4.566	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10731	5.539	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	43995	46.504	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43995	104.052	ug/l #	8

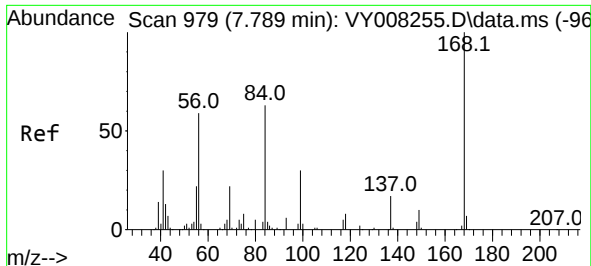
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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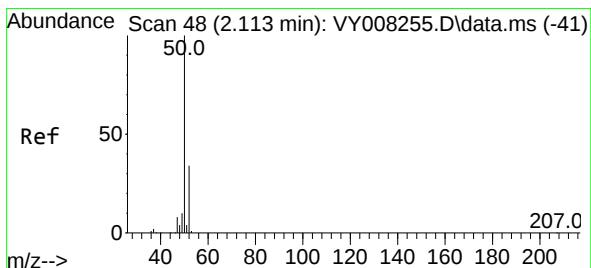
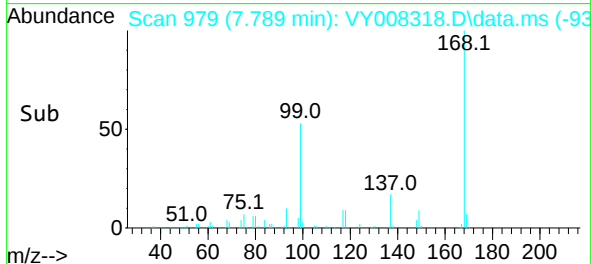
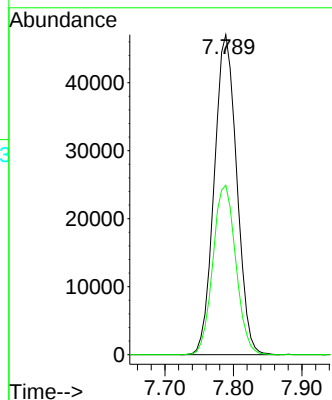
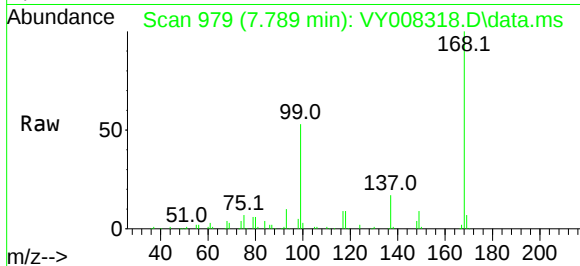




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

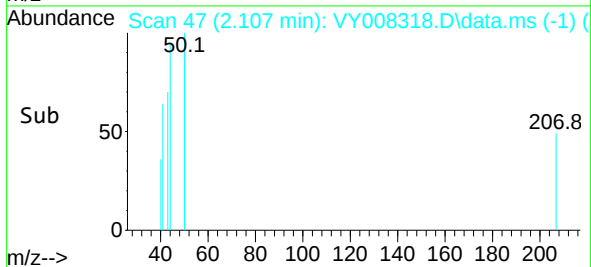
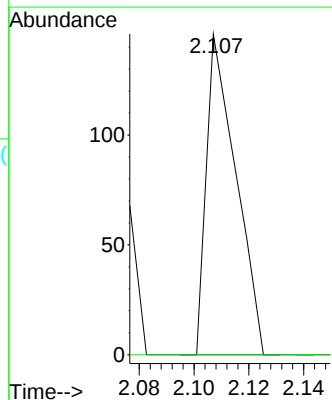
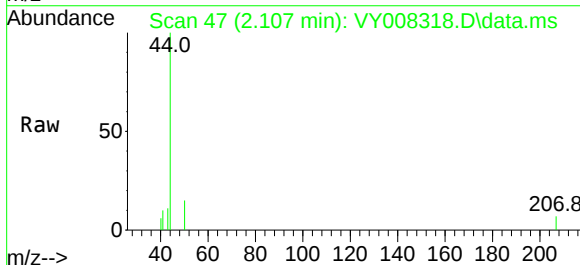
Instrument :
MSVOA_Y
ClientSampleId :
EMERSON-SCHOOL-STOCK-PILE

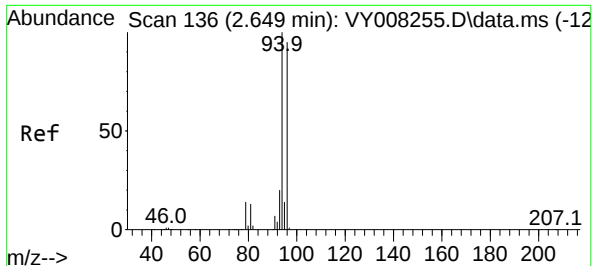
Tgt Ion:168 Resp: 107153
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion: 50 Resp: 109
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

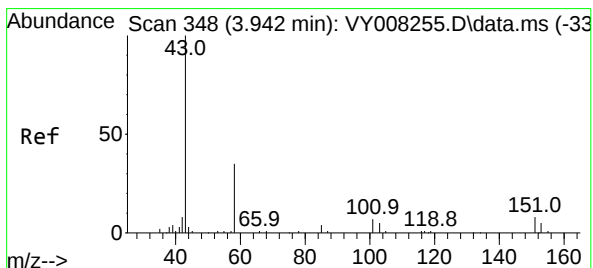
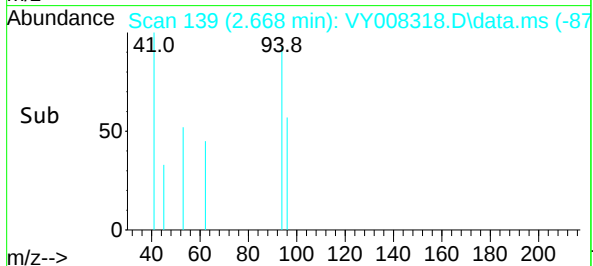
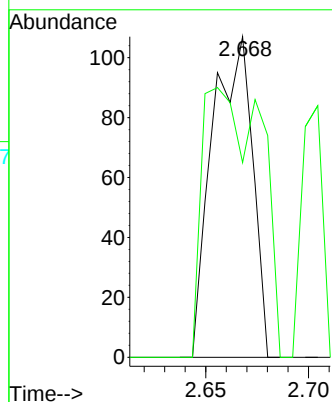
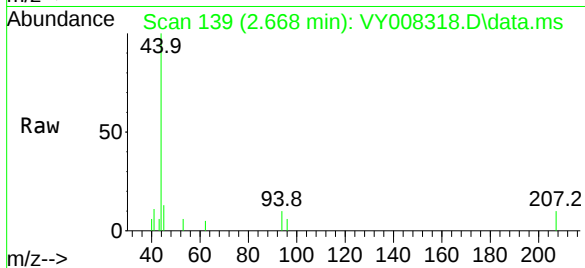




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

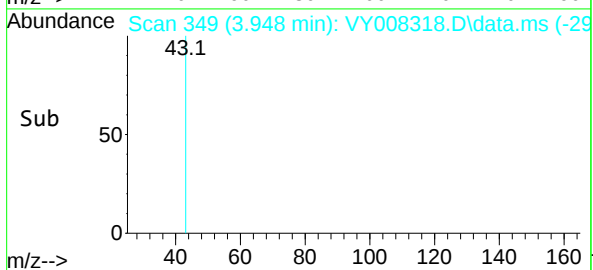
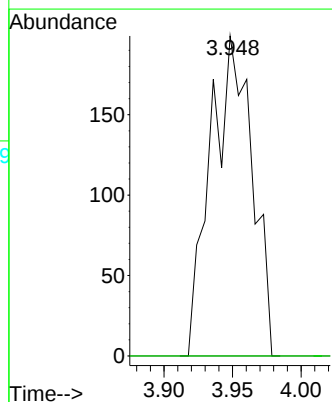
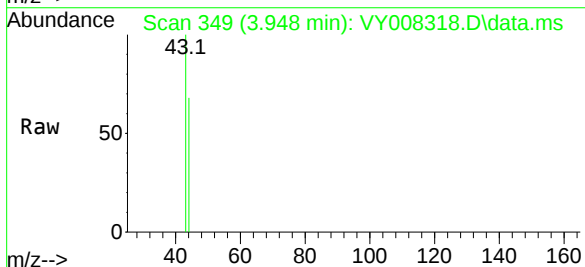
Instrument :
MSVOA_Y
ClientSampleId :
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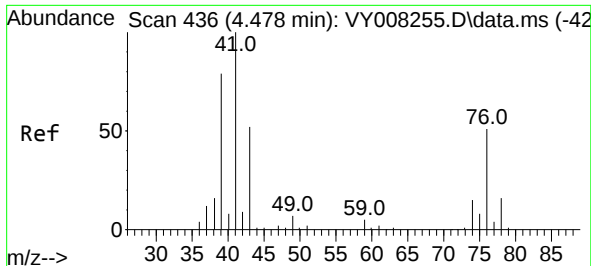
Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 60.7 73.5 110.3#



#16
Acetone
Concen: 1.731 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

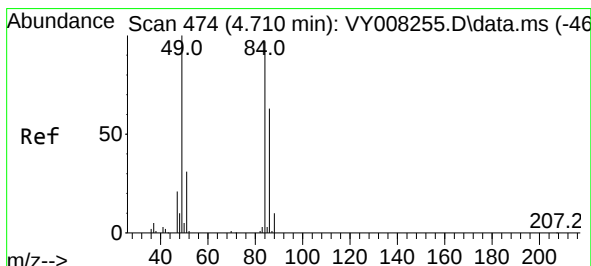
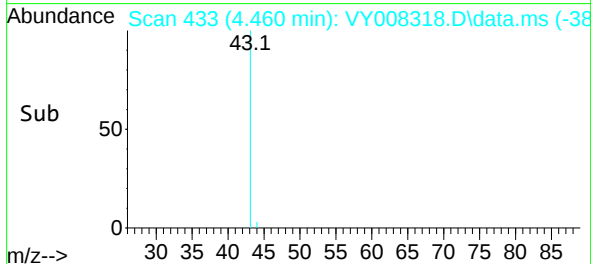
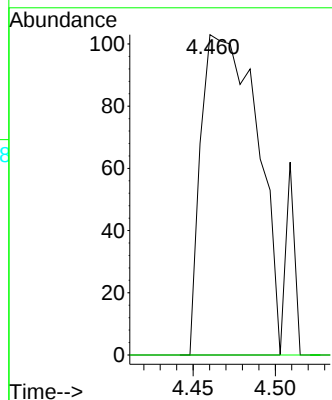
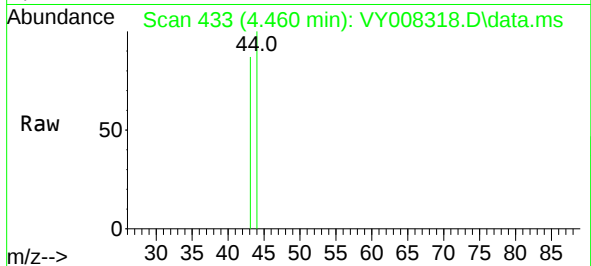




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

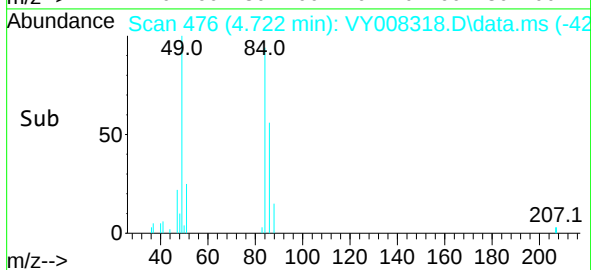
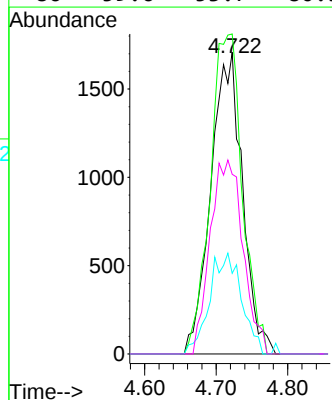
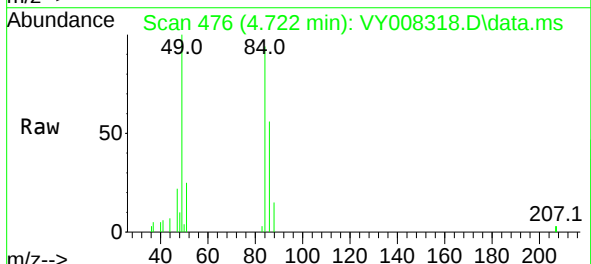
Instrument :
MSVOA_Y
ClientSampleId :
EMERSON-SCHOOL-STOCK-PILE

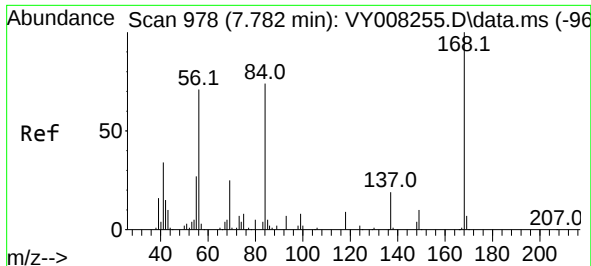
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

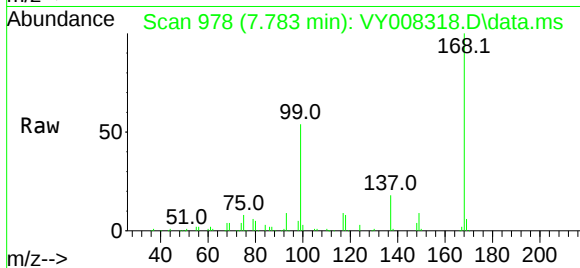
Tgt Ion: 84 Resp: 5233
Ion Ratio Lower Upper
84 100
49 106.1 114.4 171.6#
51 26.8 35.3 52.9#
86 59.6 53.7 80.5



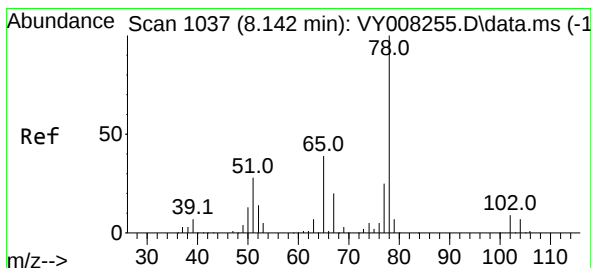
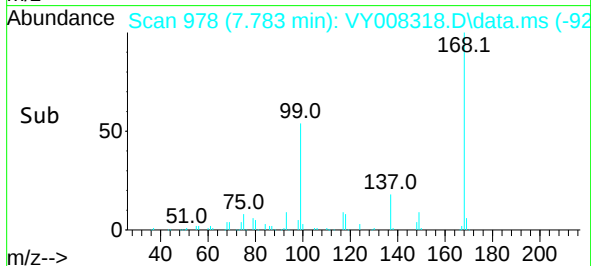
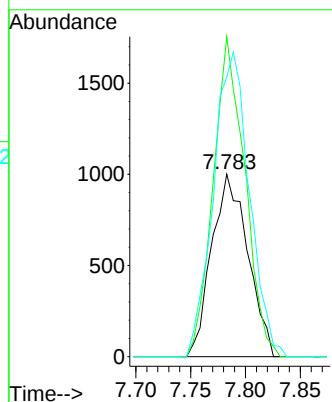


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :
EMERSON-SCHOOL-STOCK-PILE

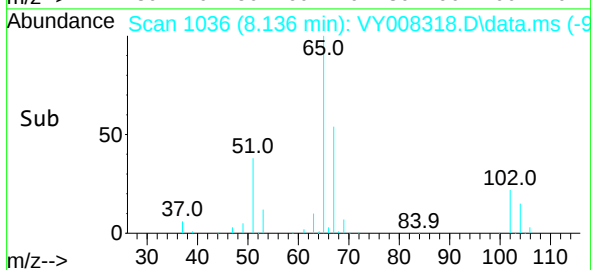
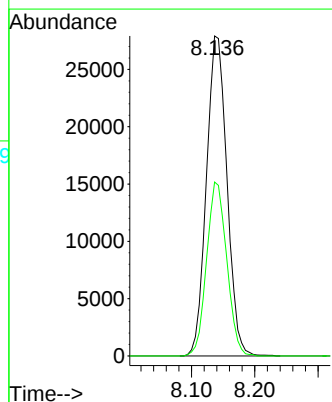
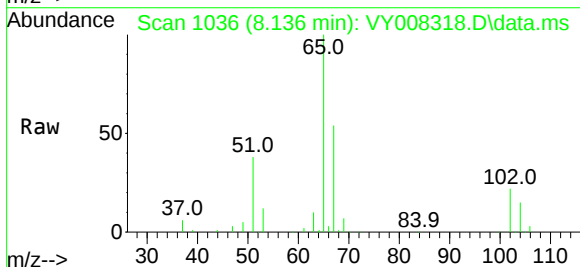


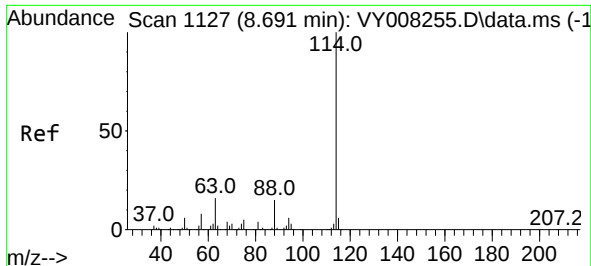
Tgt Ion: 56 Resp: 2292
Ion Ratio Lower Upper
56 100
69 175.3 26.7 40.1#
84 153.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.619 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion: 65 Resp: 63027
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

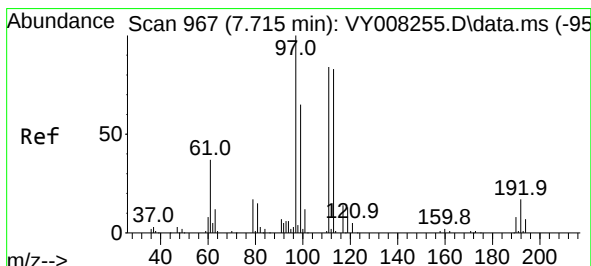
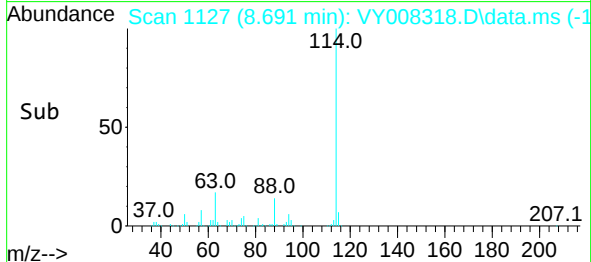
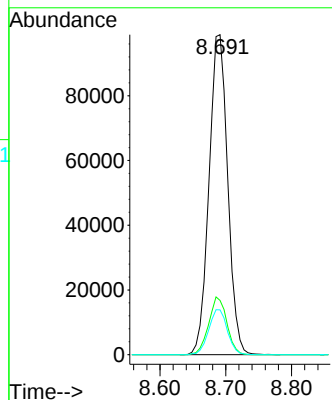
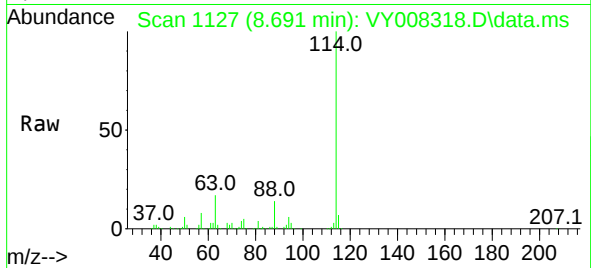




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

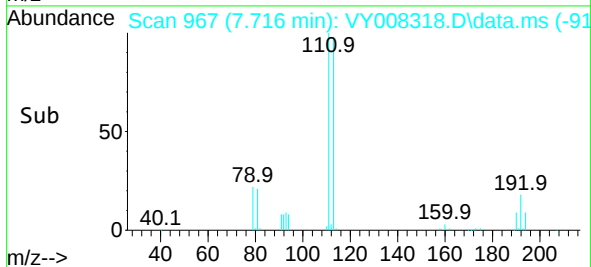
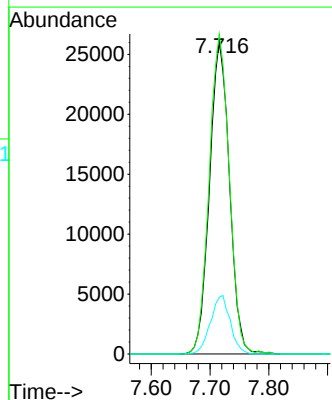
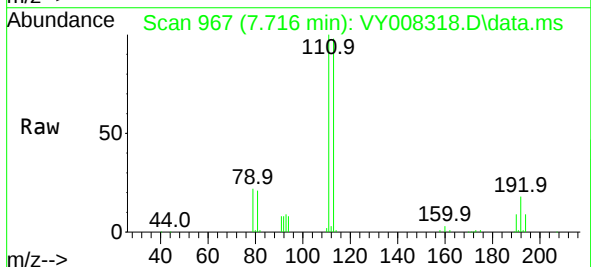
Instrument : MSVOA_Y
ClientSampleId : EMERSON-SCHOOL-STOCK-PILE

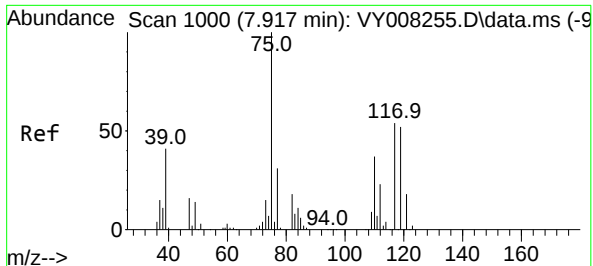
Tgt Ion:114 Resp: 195244
Ion Ratio Lower Upper
114 100
63 16.9 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.391 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion:113 Resp: 61336
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.566 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008318.D

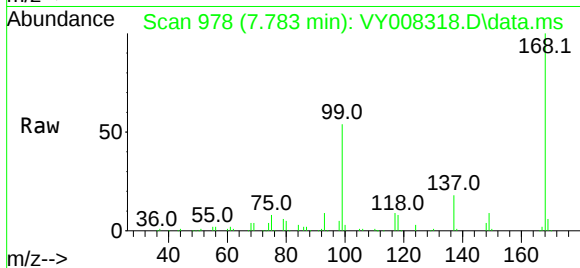
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Instrument :

MSVOA_Y

ClientSampleId :

EMERSON-SCHOOL-STOCK-PILE



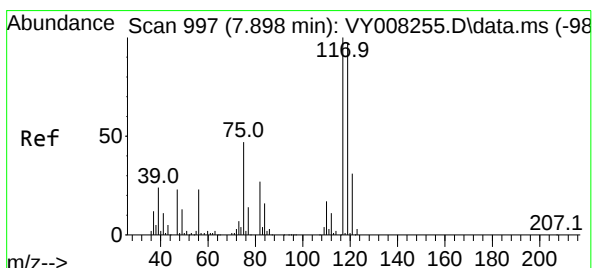
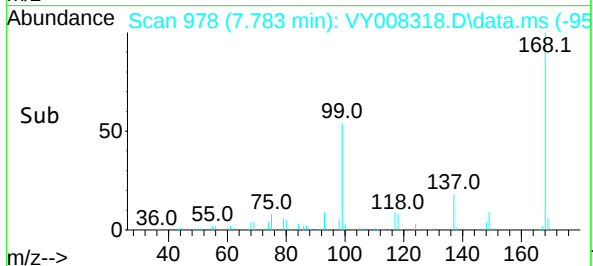
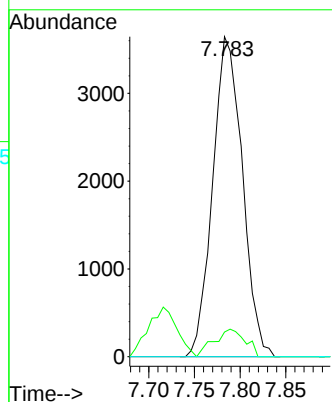
Tgt Ion: 75 Resp: 8223

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.539 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008318.D

Acq: 13 Apr 2022 17:24

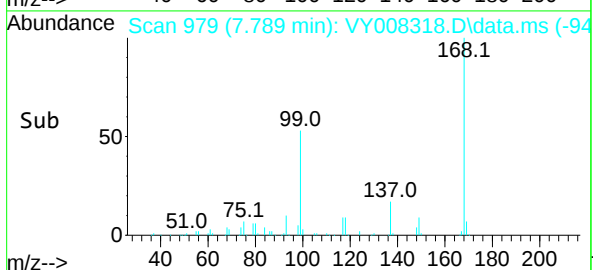
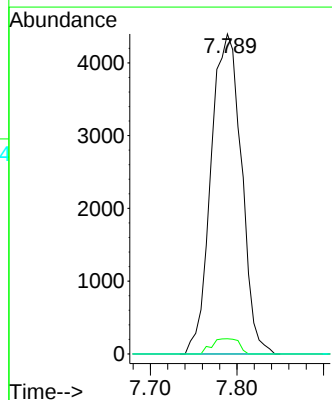
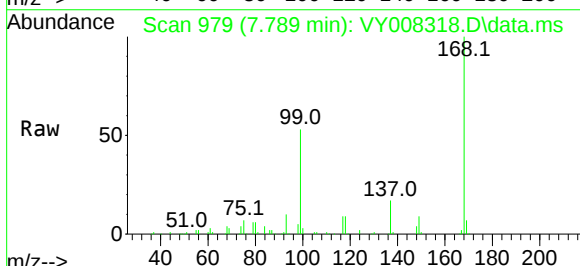
Tgt Ion: 117 Resp: 10731

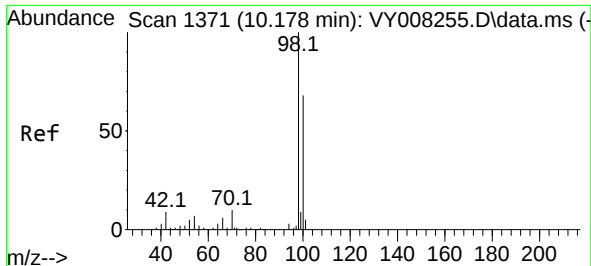
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

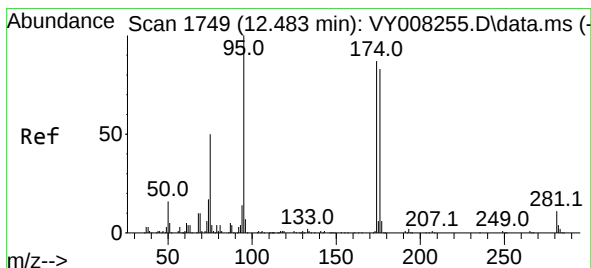
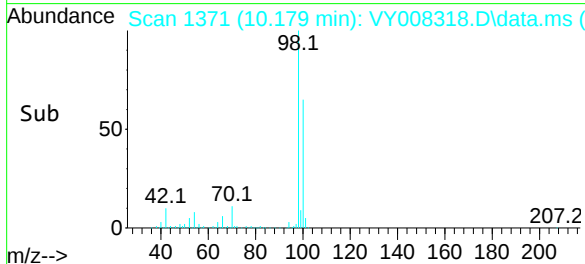
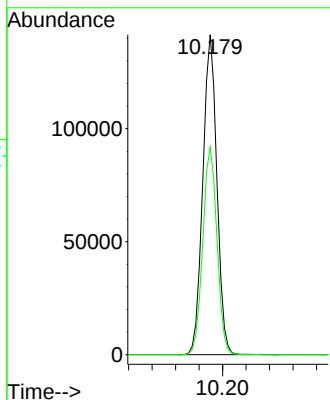
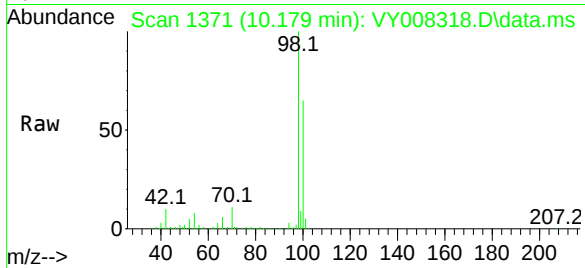




#50
Toluene-d8
Concen: 60.928 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

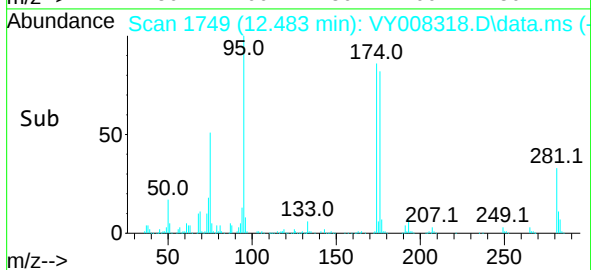
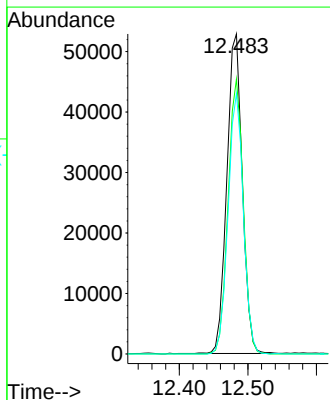
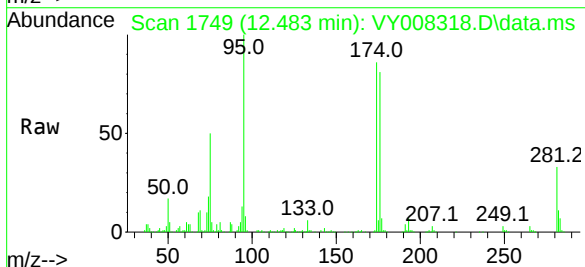
Instrument :
MSVOA_Y
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EMERSON-SCHOOL-STOCK-PILE

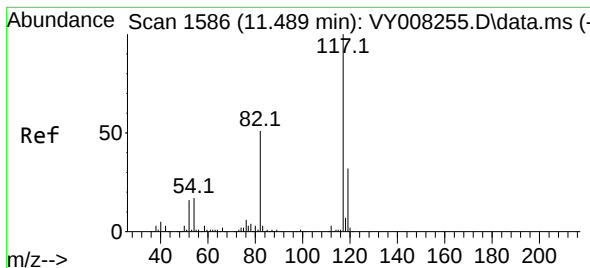
Tgt Ion: 98 Resp: 235106
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.145 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion: 95 Resp: 82939
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 80.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008318.D

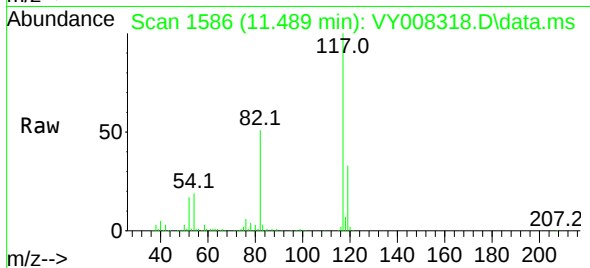
Acq: 13 Apr 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

EMERSON-SCHOOL-STOCK-PILE



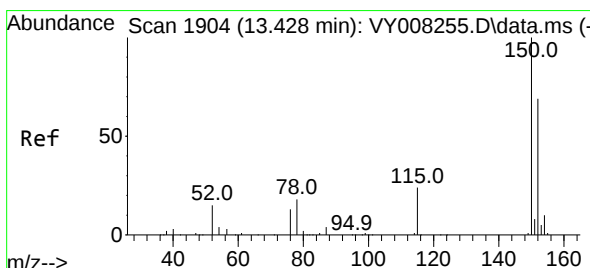
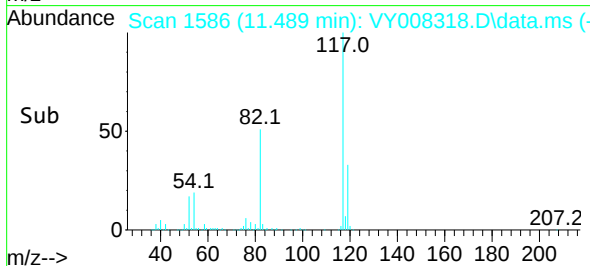
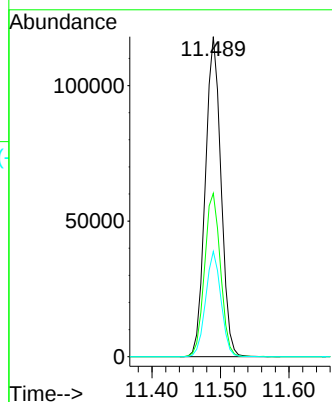
Tgt Ion:117 Resp: 188093

Ion Ratio Lower Upper

117 100

82 51.1 43.0 64.4

119 32.9 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: VY008318.D

Acq: 13 Apr 2022 17:24

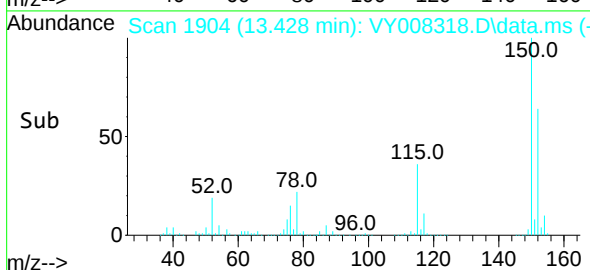
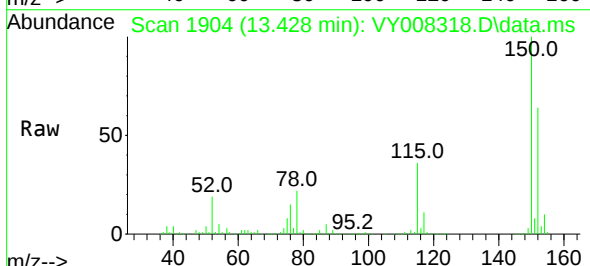
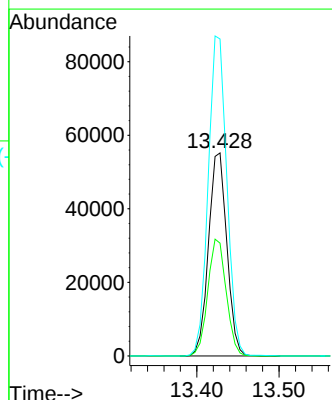
Tgt Ion:152 Resp: 85539

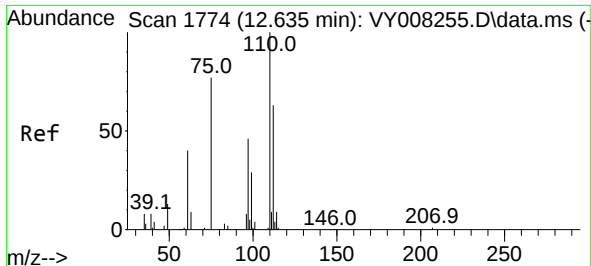
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 159.6 0.0 347.6

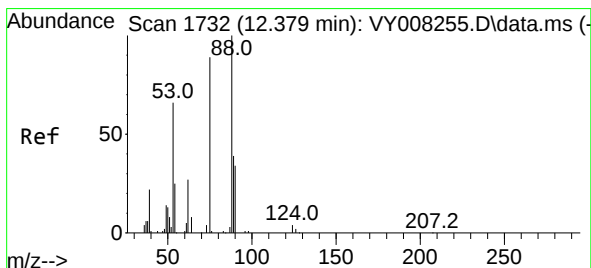
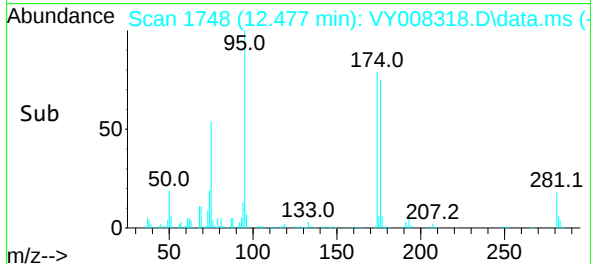
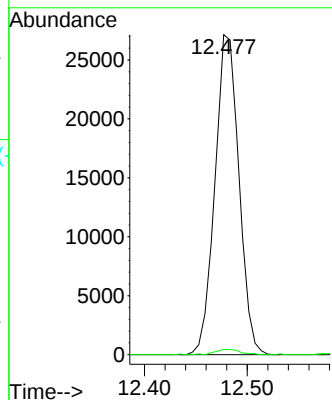
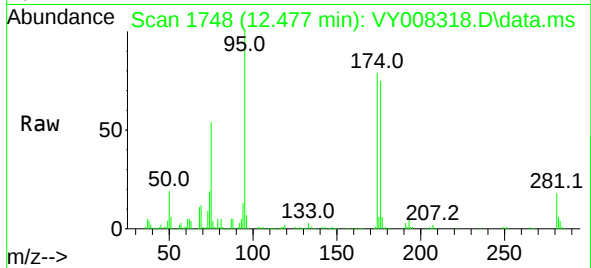




#76
1,2,3-Trichloropropane
Concen: 46.504 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :
EMERSON-SCHOOL-STOCK-PILE

Tgt Ion: 75 Resp: 43995
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.052 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008318.D
Acq: 13 Apr 2022 17:24

Tgt Ion: 75 Resp: 43995
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.7 37.0 55.4#

