

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008415.D
 Acq On : 20 Apr 2022 13:57
 Operator : KP/MD
 Sample : N2451-01
 Misc : 6.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8085

Quant Time: Apr 21 02:38:42 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

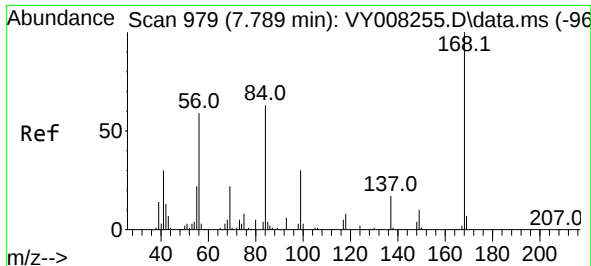
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	101261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	186258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59095	62.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.260%	
35) Dibromofluoromethane	7.722	113	59056	54.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.179	98	226130	61.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.860%	
62) 4-Bromofluorobenzene	12.483	95	82378	59.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	302	Below Cal	#	44
5) Bromomethane	2.656	94	354	Below Cal	#	57
10) Methyl Iodide	4.100	142	90	2.460	ug/l #	35
16) Acetone	3.948	43	606	2.649	ug/l #	69
18) Methyl Acetate	4.485	43	310	Below Cal	#	56
20) Methylene Chloride	4.722	84	8523	Below Cal	#	77
31) Cyclohexane	7.789	56	2147	1.248	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7907	4.603	ug/l #	52
38) Carbon Tetrachloride	7.789	117	9905	5.359	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48637	54.636	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48637	122.246	ug/l #	9

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

Quant Time: Apr 21 02:38:42 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

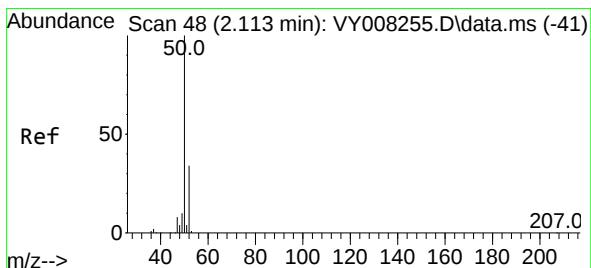
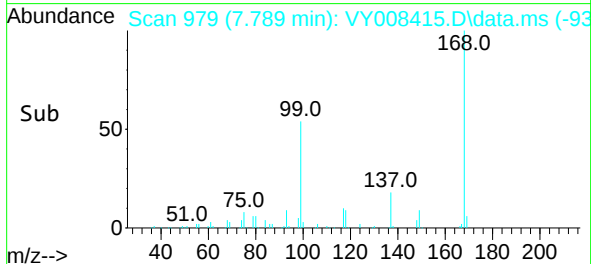
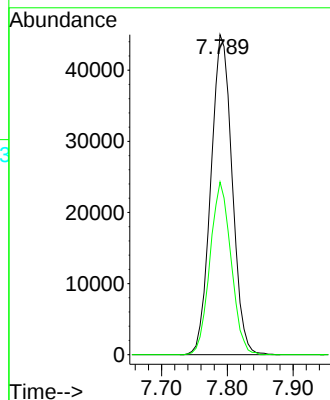
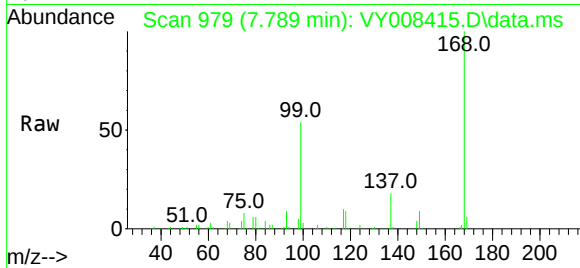




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

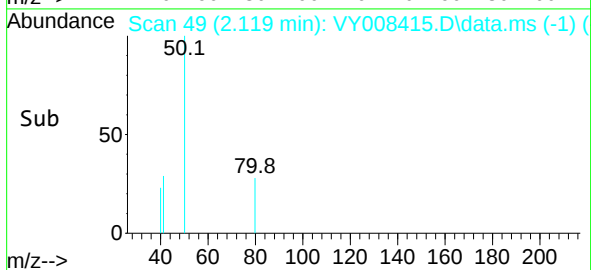
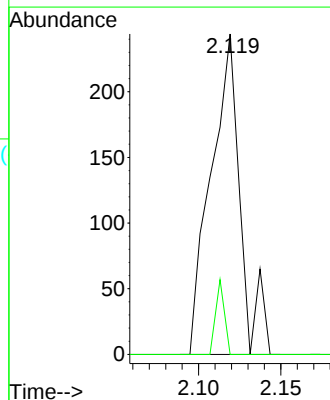
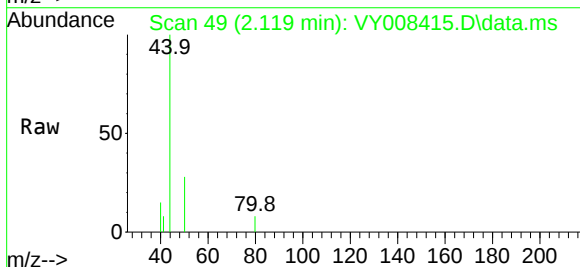
Instrument :
MSVOA_Y
ClientSampleId :
SB-8085

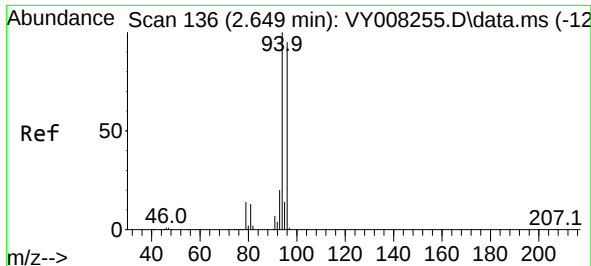
Tgt Ion:168 Resp: 101261
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

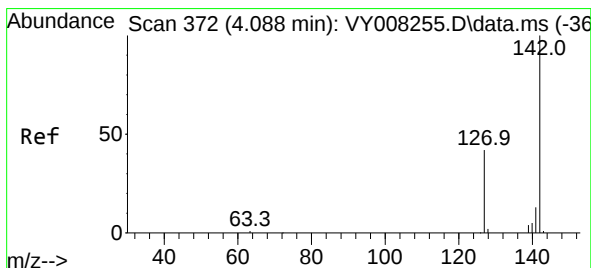
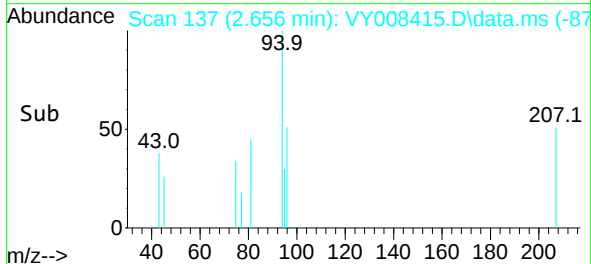
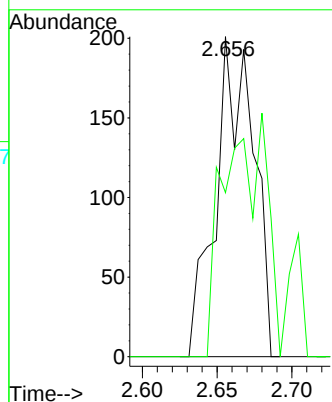
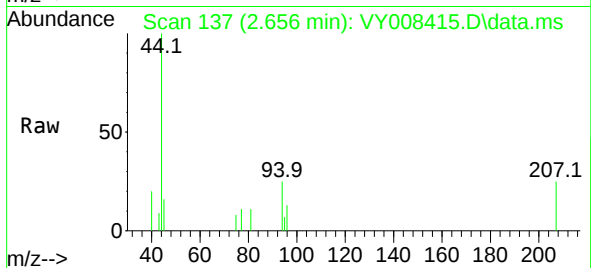




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

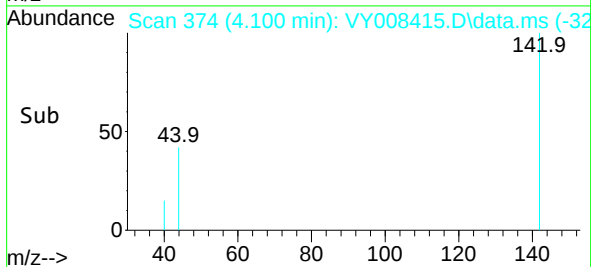
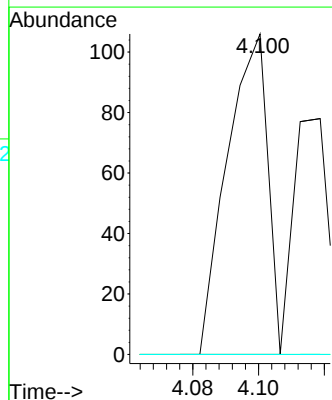
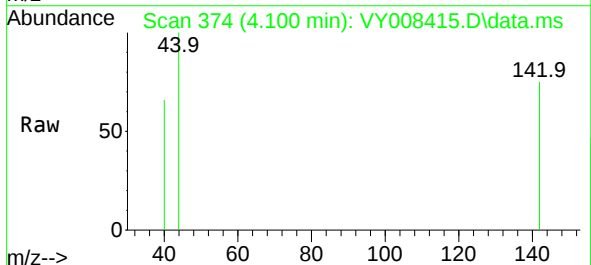
Instrument :
MSVOA_Y
ClientSampleId :
SB-8085

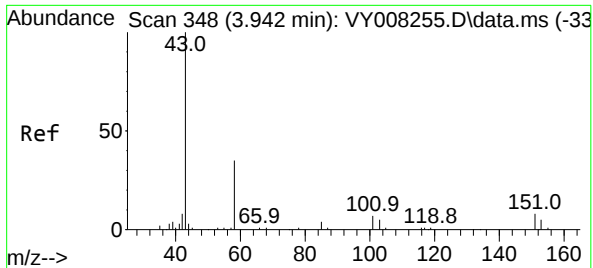
Tgt Ion: 94 Resp: 354
Ion Ratio Lower Upper
94 100
96 51.2 73.5 110.3#



#10
Methyl Iodide
Concen: 2.460 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

Tgt Ion: 142 Resp: 90
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

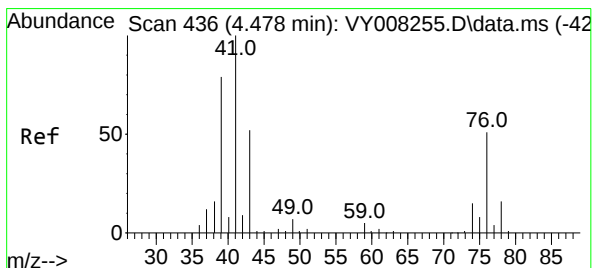
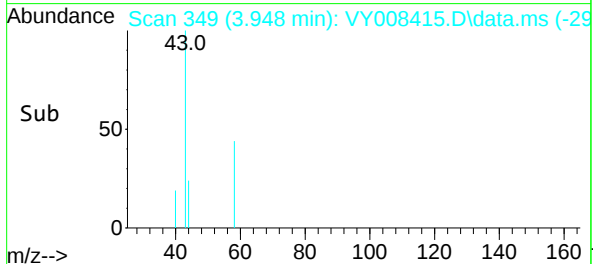
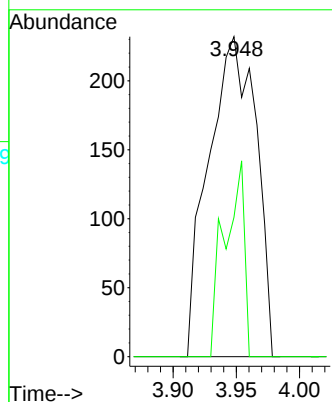
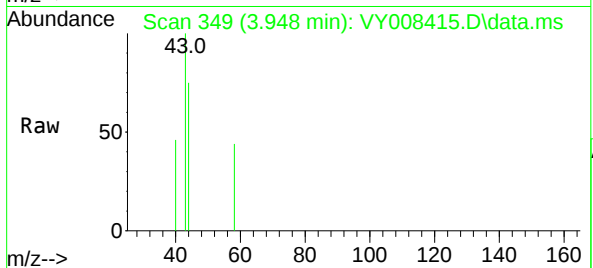




#16
Acetone
Concen: 2.649 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

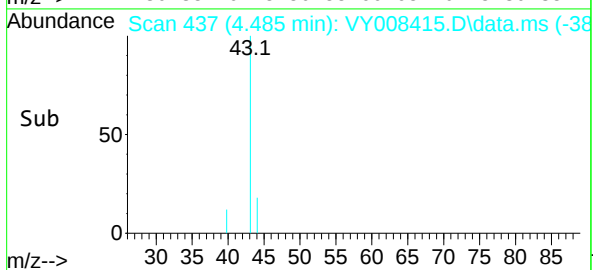
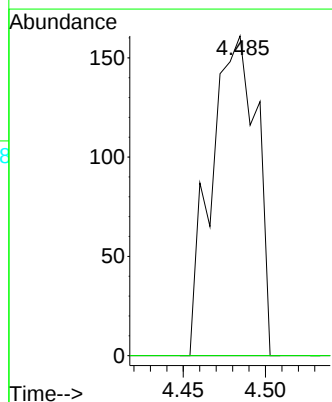
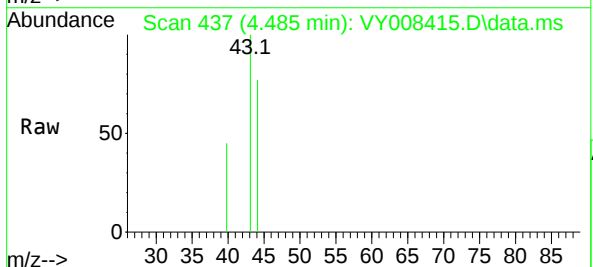
Instrument :
MSVOA_Y
ClientSampleId :
SB-8085

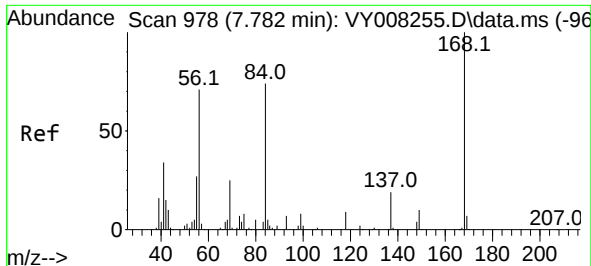
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 43.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

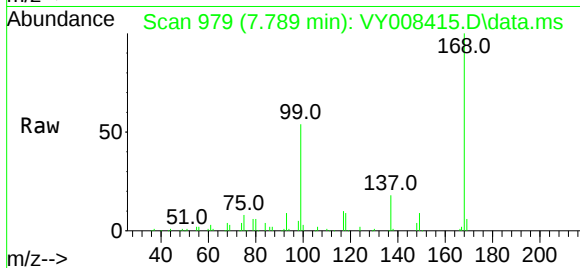
Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



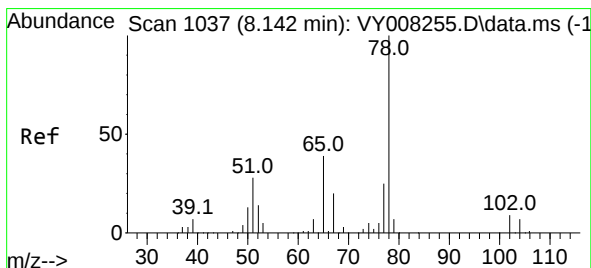
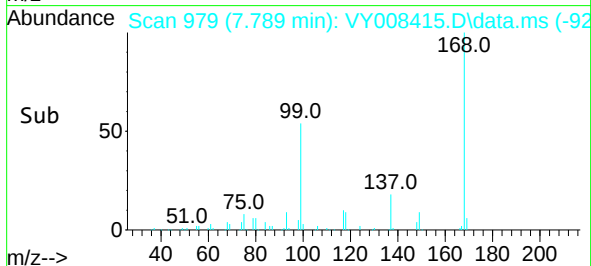
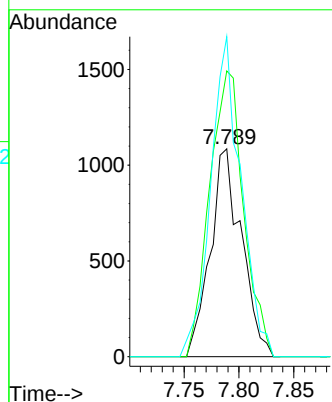


#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-8085

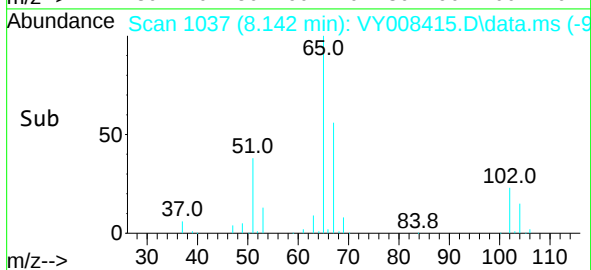
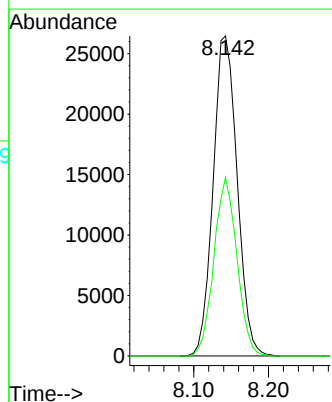
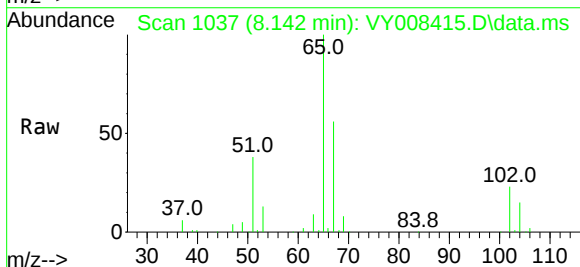


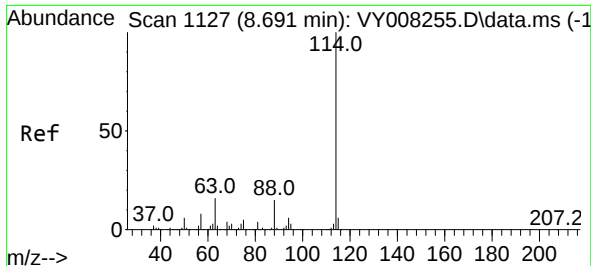
Tgt Ion: 56 Resp: 2147
Ion Ratio Lower Upper
56 100
69 137.5 26.7 40.1#
84 154.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.129 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

Tgt Ion: 65 Resp: 59095
Ion Ratio Lower Upper
65 100
67 53.4 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: VY008415.D

Acq: 20 Apr 2022 13:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-8085

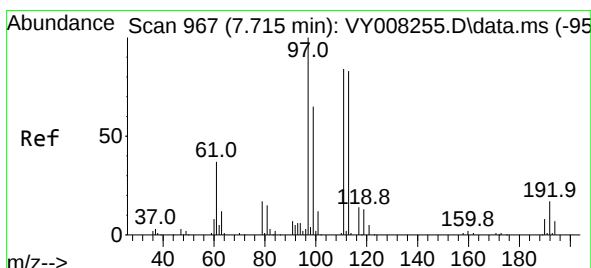
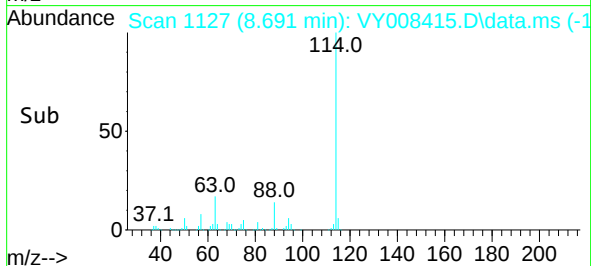
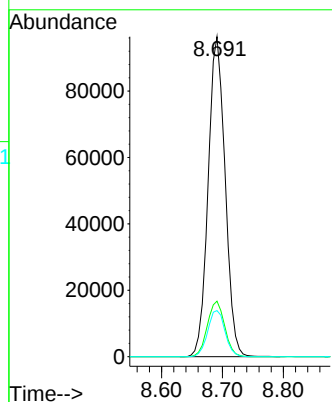
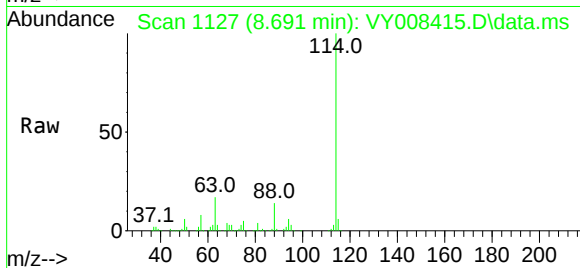
Tgt Ion:114 Resp: 186258

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.895 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008415.D

Acq: 20 Apr 2022 13:57

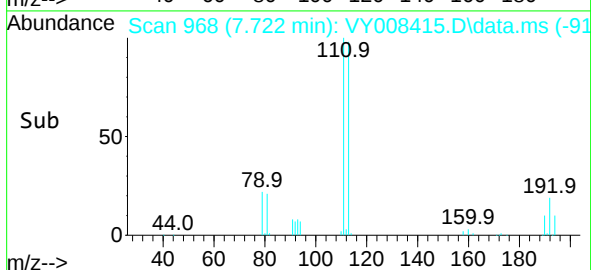
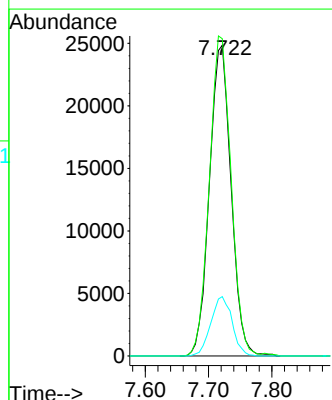
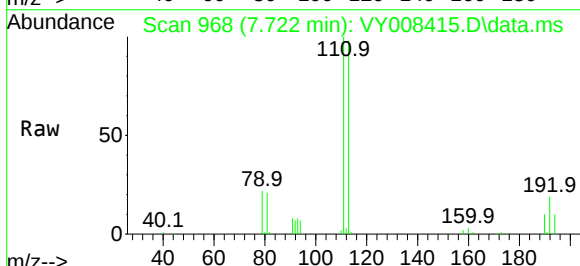
Tgt Ion:113 Resp: 59056

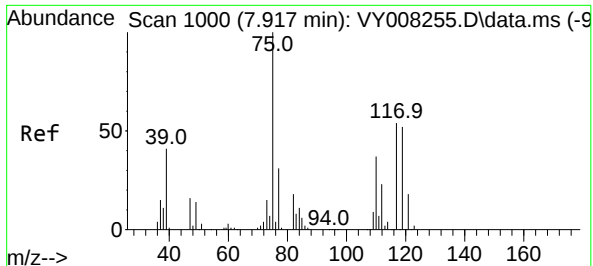
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.603 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008415.D

Acq: 20 Apr 2022 13:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-8085

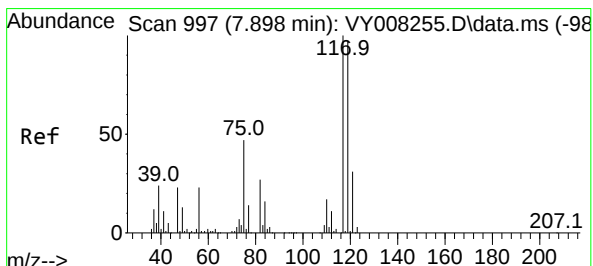
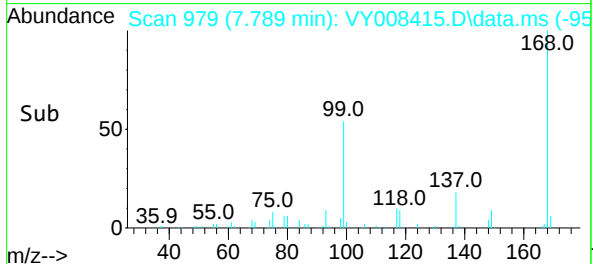
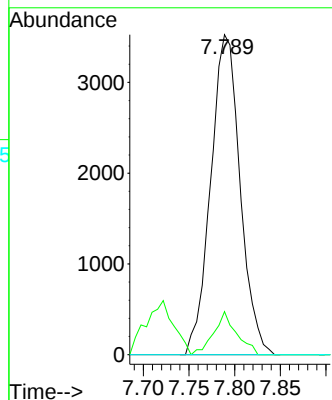
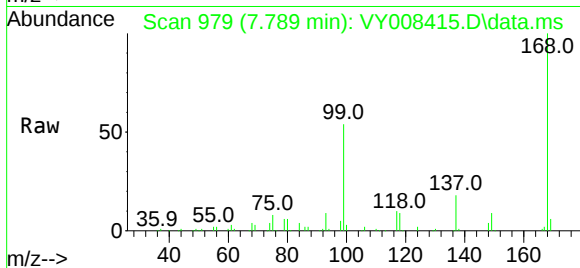
Tgt Ion: 75 Resp: 7907

Ion Ratio Lower Upper

75 100

110 10.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.359 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008415.D

Acq: 20 Apr 2022 13:57

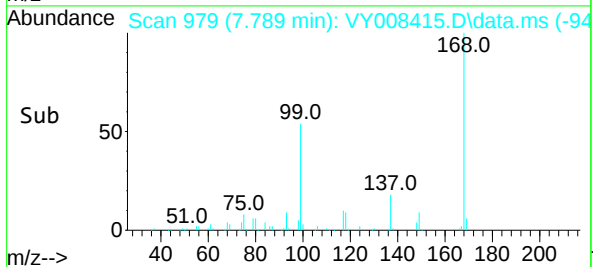
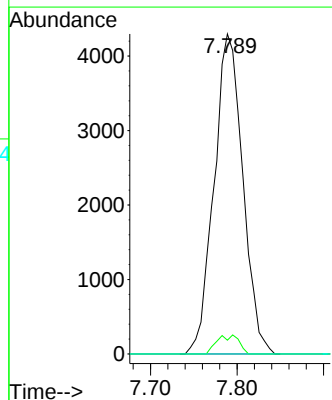
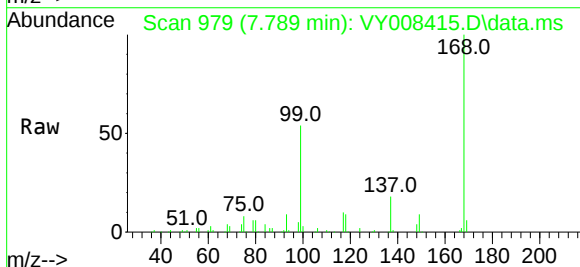
Tgt Ion: 117 Resp: 9905

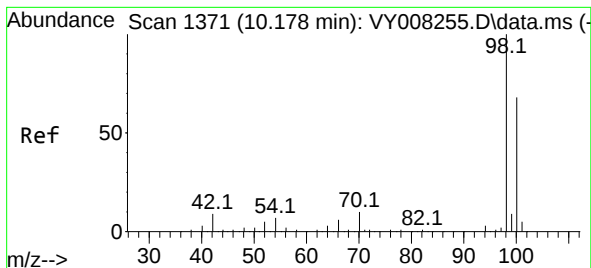
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 61.429 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008415.D

Acq: 20 Apr 2022 13:57

Instrument :

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ClientSampleId :

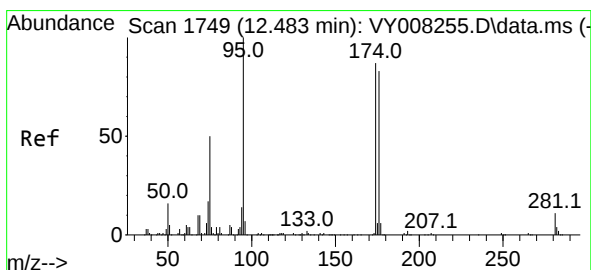
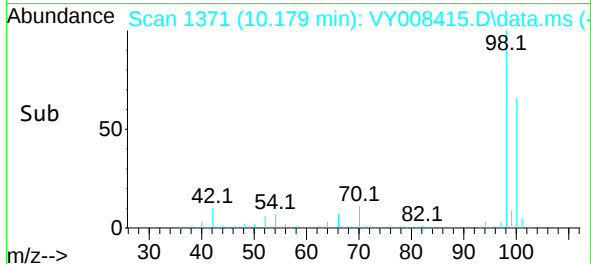
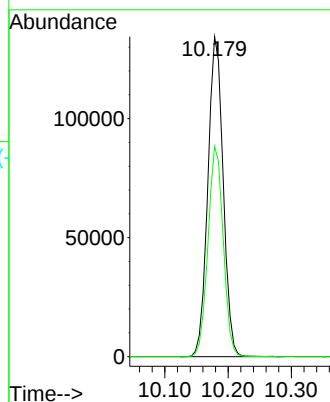
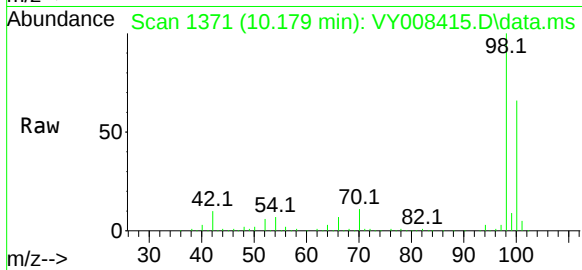
SB-8085

Tgt Ion: 98 Resp: 226130

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 59.497 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008415.D

Acq: 20 Apr 2022 13:57

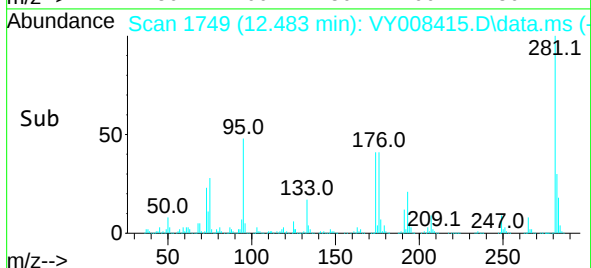
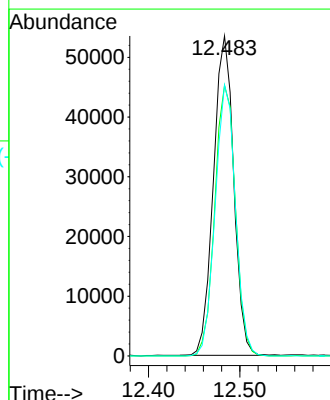
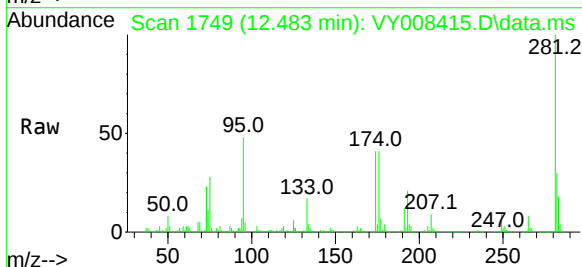
Tgt Ion: 95 Resp: 82378

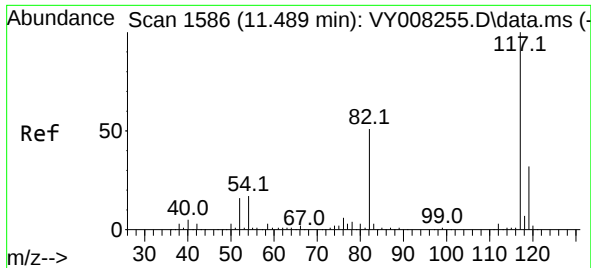
Ion Ratio Lower Upper

95 100

174 86.3 0.0 177.0

176 84.9 0.0 175.8

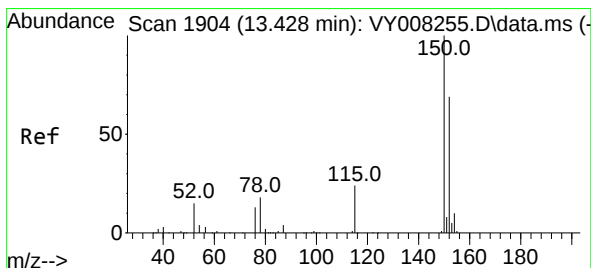
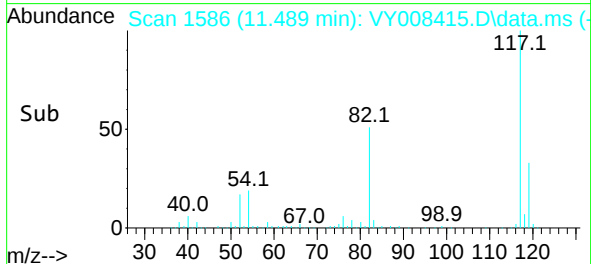
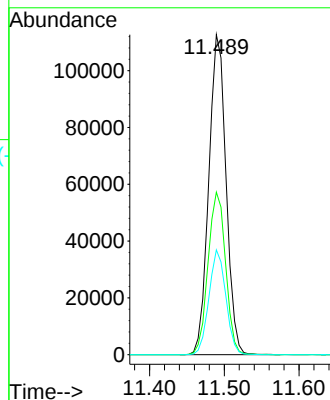
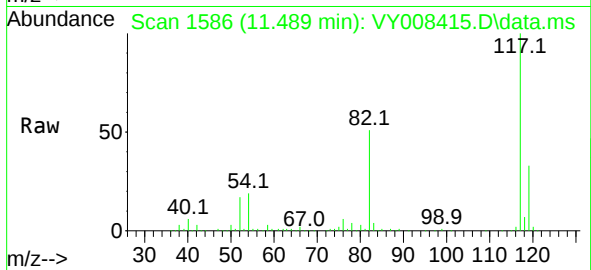




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

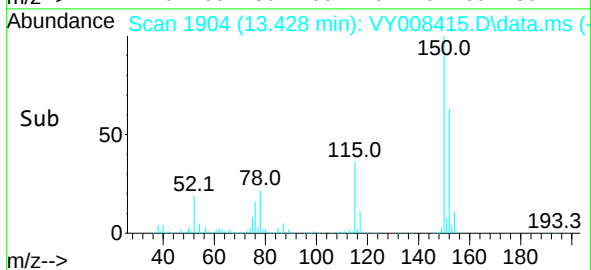
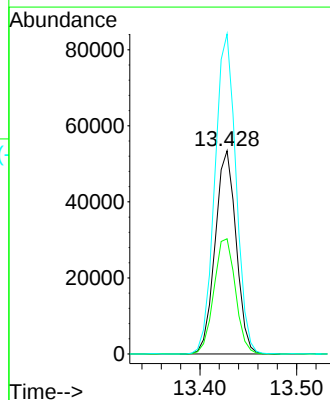
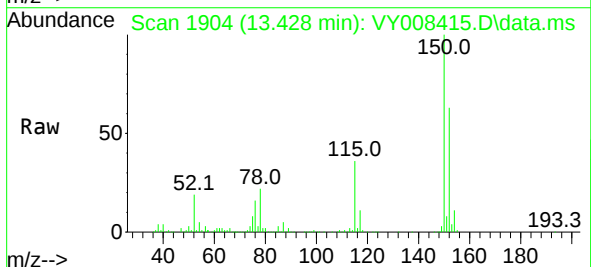
Instrument :
MSVOA_Y
ClientSampleId :
SB-8085

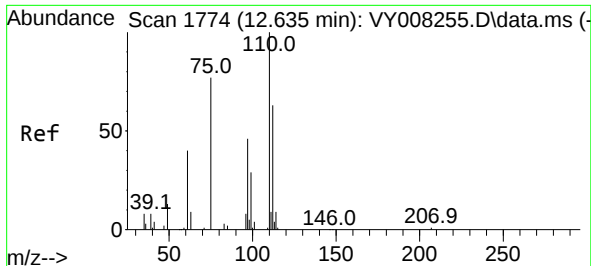
Tgt Ion:117 Resp: 181180
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

Tgt Ion:152 Resp: 80490
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 158.7 0.0 347.6

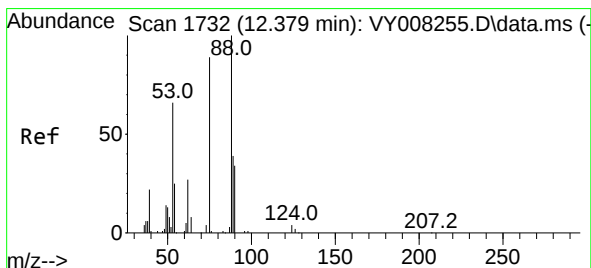
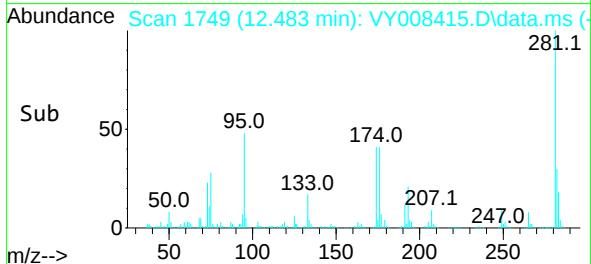
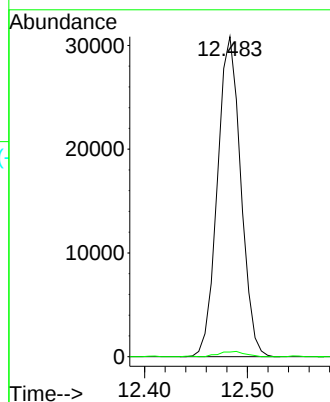
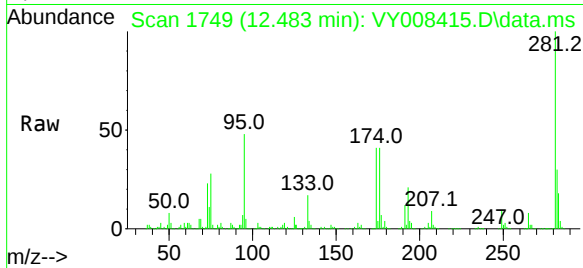




#76
1,2,3-Trichloropropane
Concen: 54.636 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-8085

Tgt Ion: 75 Resp: 48637
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008415.D
Acq: 20 Apr 2022 13:57

Tgt Ion: 75 Resp: 48637
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 4.0 37.0 55.4#

