

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008394.D
 Acq On : 19 Apr 2022 14:33
 Operator : KP/MD
 Sample : N2427-01
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Apr 20 06:28:30 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)

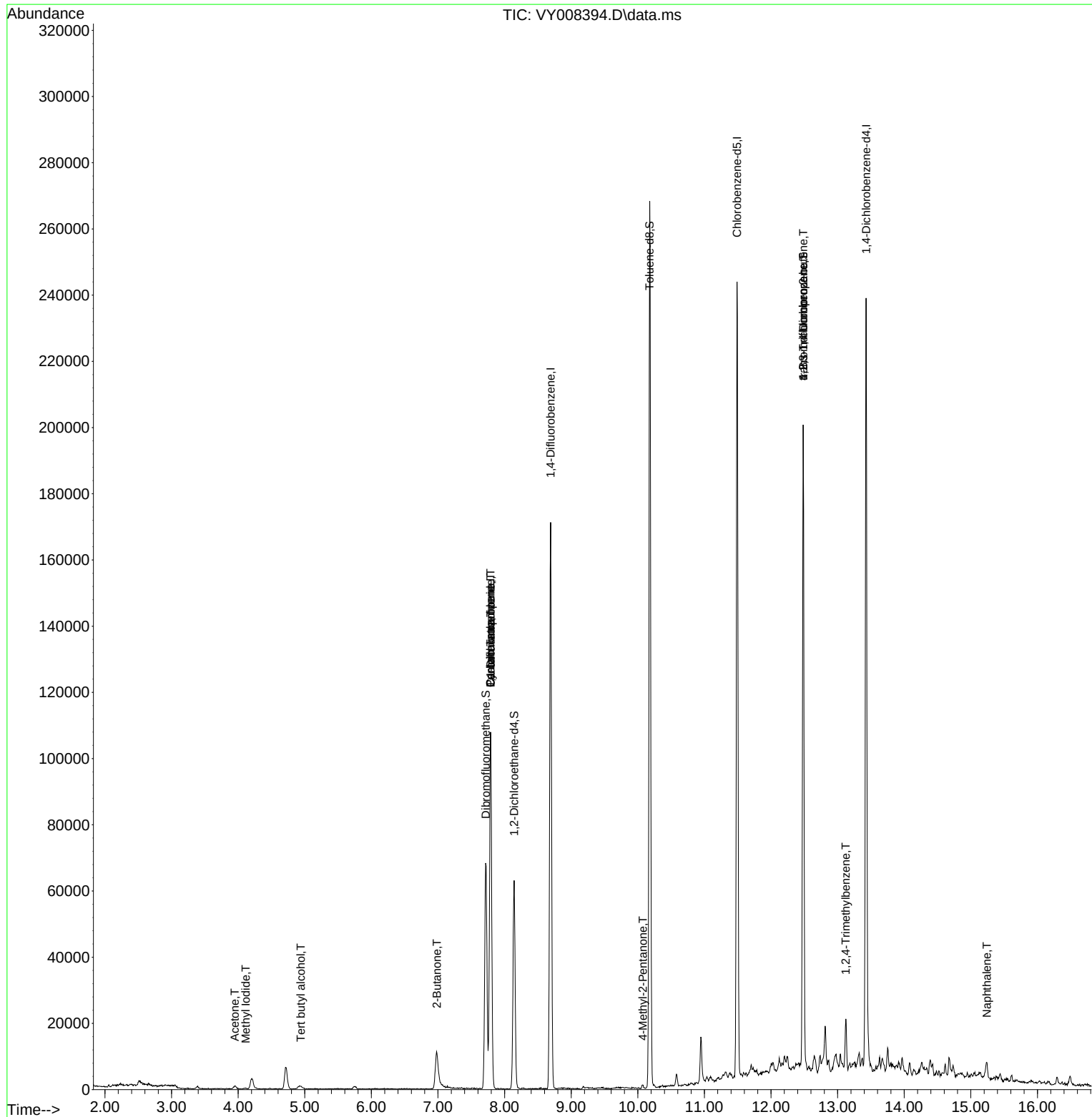
Internal Standards						
1) Pentafluorobenzene	7.789	168	85190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	134143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47364	59.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.380%
35) Dibromofluoromethane	7.716	113	48523	55.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.200%
50) Toluene-d8	10.179	98	180431	59.873	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.740%
62) 4-Bromofluorobenzene	12.483	95	55837	49.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	178	Below Cal	#	16
5) Bromomethane	2.650	94	388	Below Cal	#	64
10) Methyl Iodide	4.113	142	423	2.776	ug/l #	35
11) Tert butyl alcohol	4.942	59	1378	16.108	ug/l #	77
16) Acetone	3.948	43	1721	8.942	ug/l	91
18) Methyl Acetate	4.466	43	210	Below Cal	#	56
20) Methylene Chloride	4.716	84	5239	Below Cal	#	68
25) 2-Butanone	6.984	43	755	2.509	ug/l	95
31) Cyclohexane	7.789	56	1848	1.277	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6922	4.922	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8525	5.635	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	777	1.118	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	31172	48.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31172	107.613	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	7707	2.180	ug/l	98
95) Naphthalene	15.239	128	3845	1.613	ug/l	98

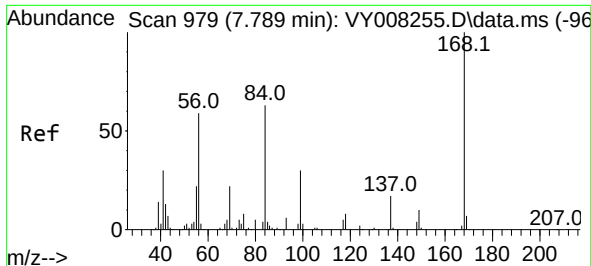
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
Data File : VY008394.D
Acq On : 19 Apr 2022 14:33
Operator : KP/MD
Sample : N2427-01
Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Quant Time: Apr 20 06:28:30 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

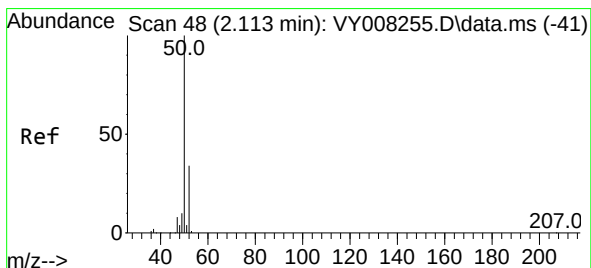
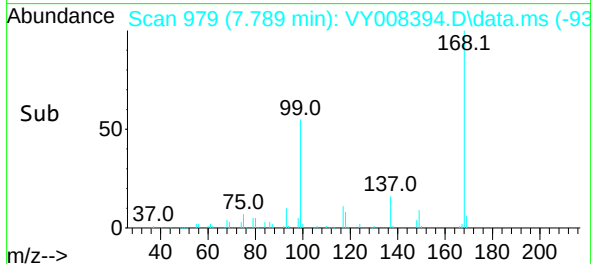
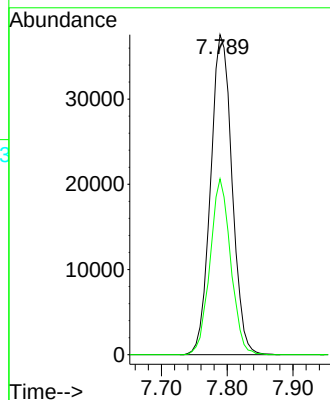
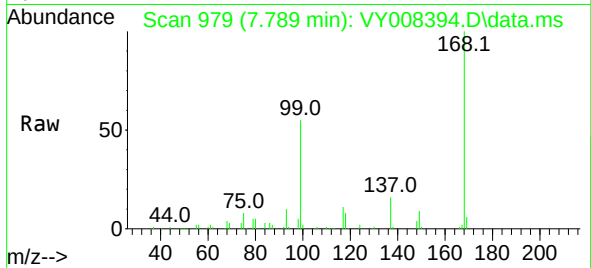




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

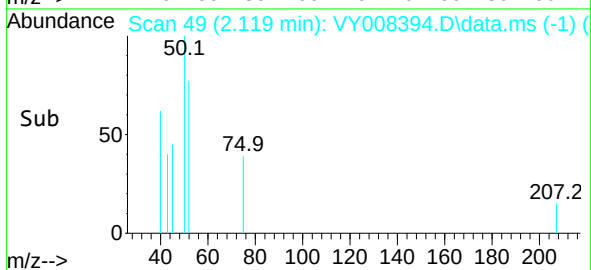
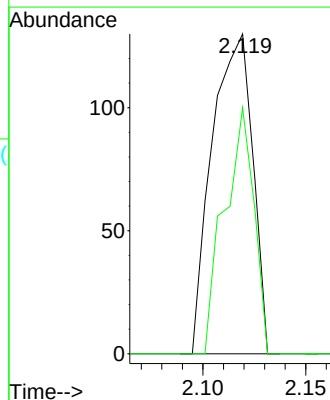
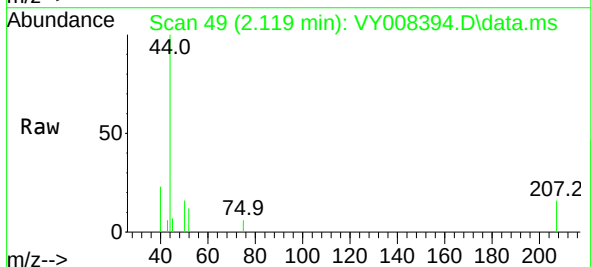
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

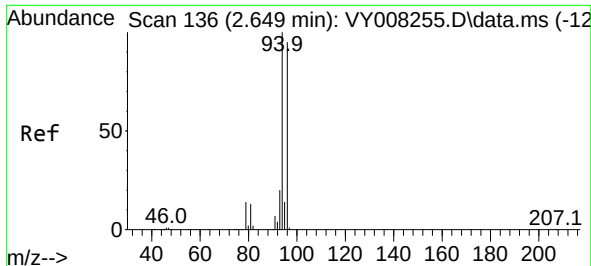
Tgt Ion:168 Resp: 85190
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 50 Resp: 178
Ion Ratio Lower Upper
50 100
52 76.9 24.6 37.0#

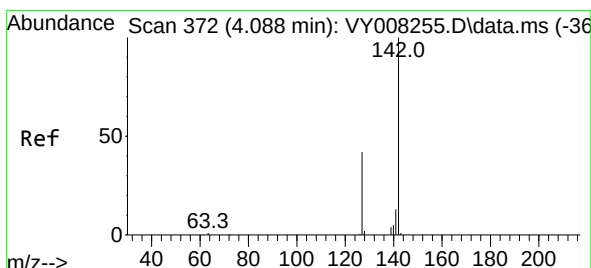
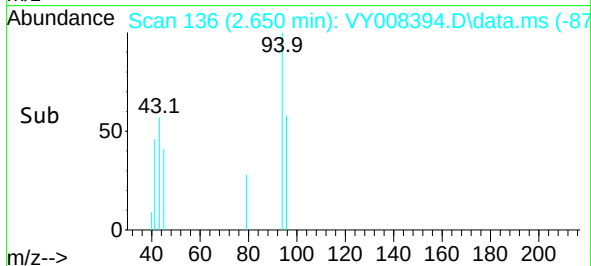
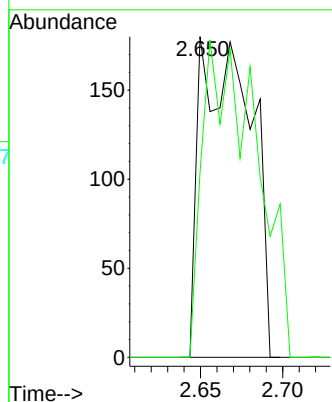
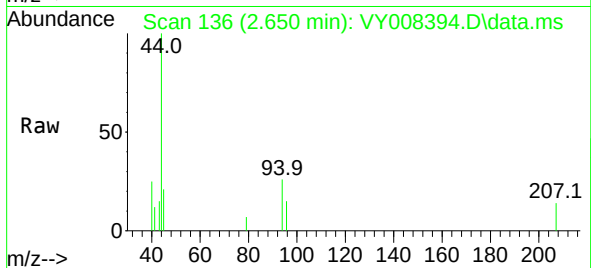




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

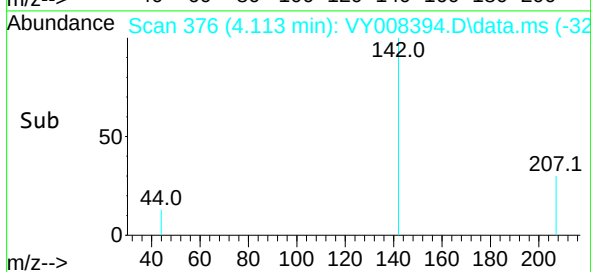
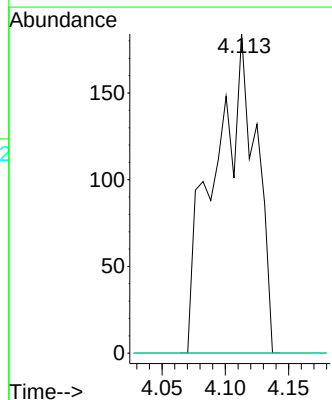
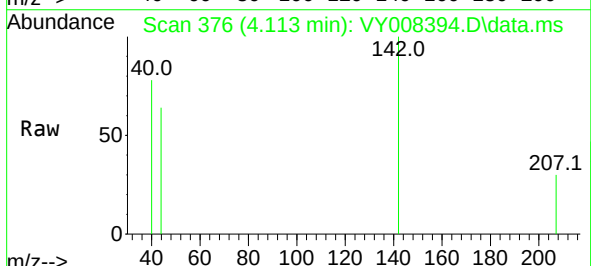
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

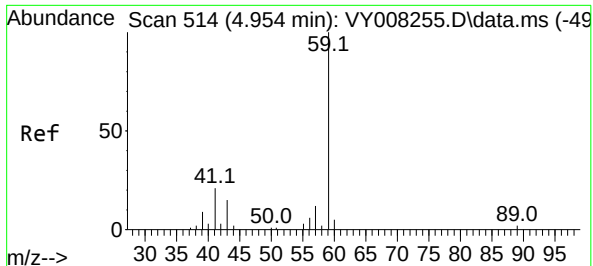
Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 57.8 73.5 110.3#



#10
Methyl Iodide
Concen: 2.776 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion:142 Resp: 423
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

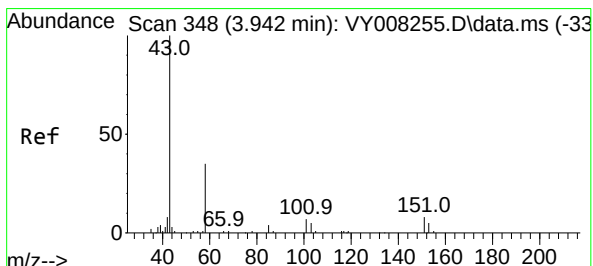
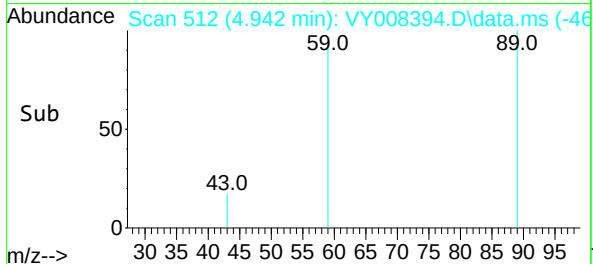
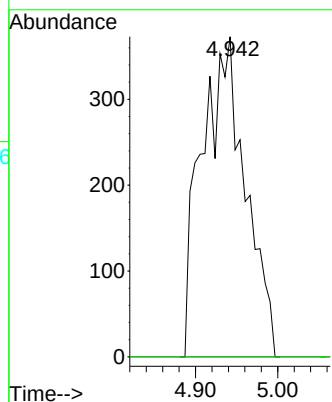
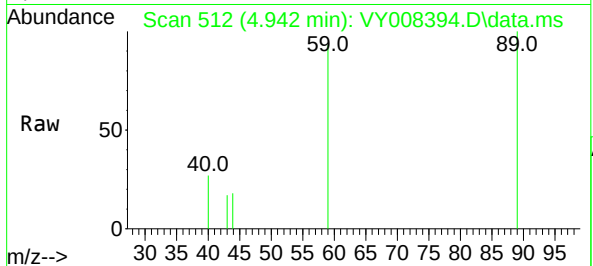




#11
Tert butyl alcohol
Concen: 16.108 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

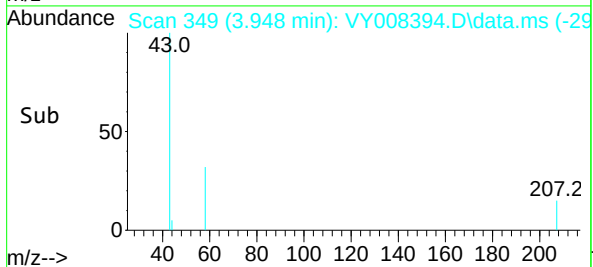
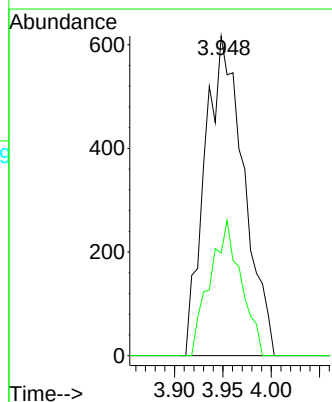
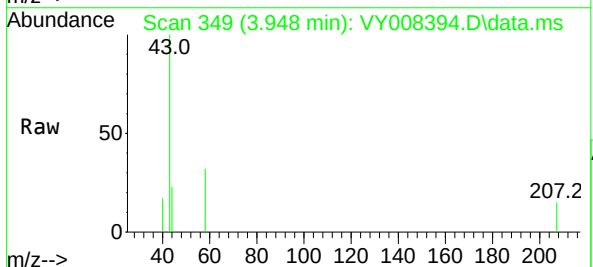
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

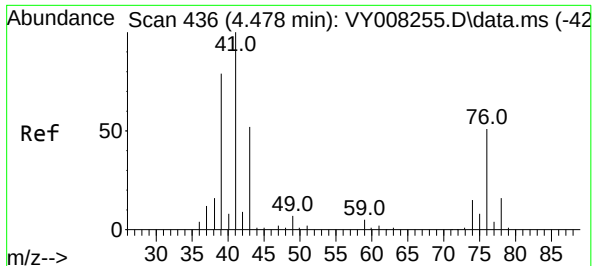
Tgt Ion: 59 Resp: 1378
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 8.942 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0

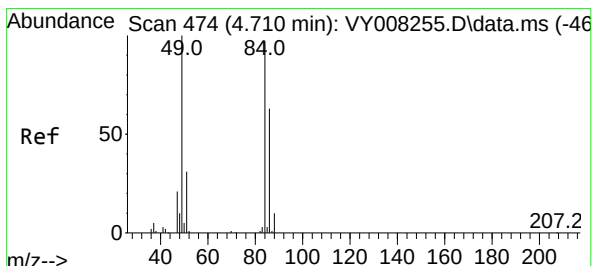
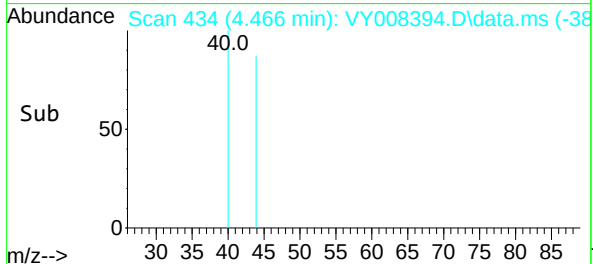
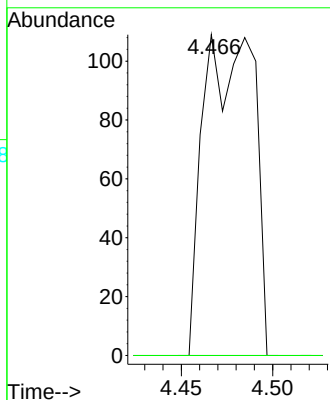
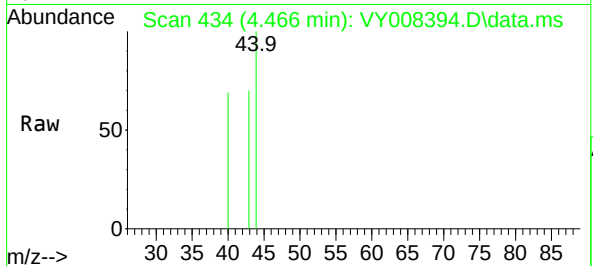




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

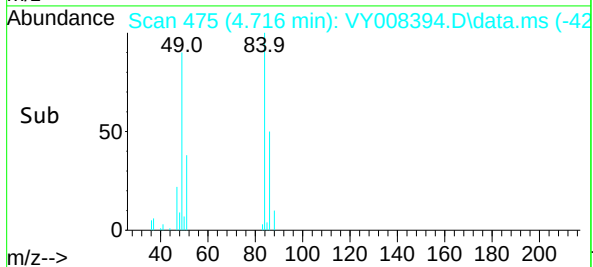
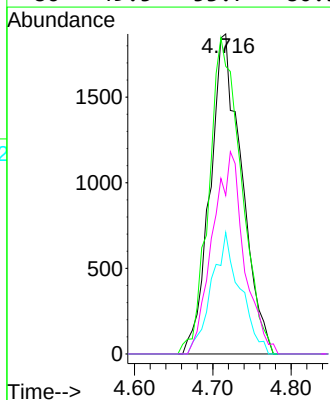
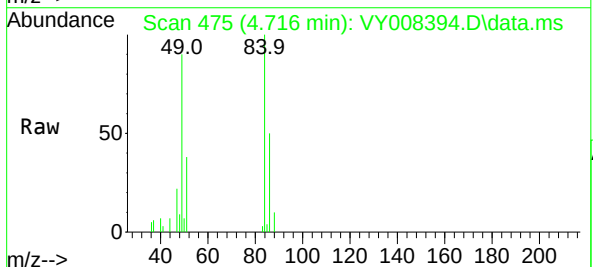
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

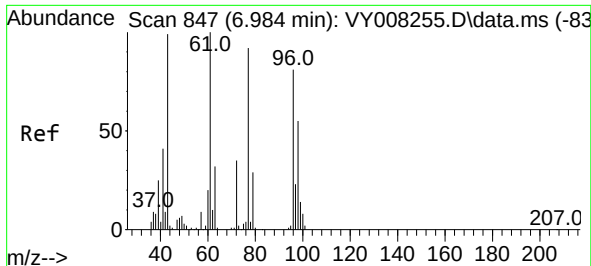
Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 84 Resp: 5239
Ion Ratio Lower Upper
84 100
49 89.9 114.4 171.6#
51 37.9 35.3 52.9
86 49.5 53.7 80.5#

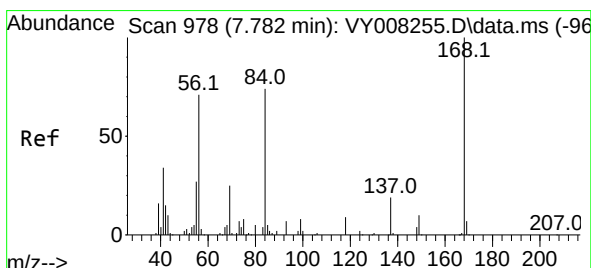
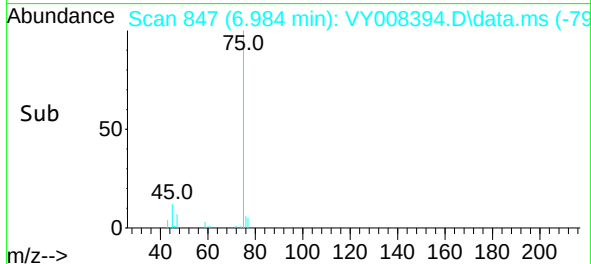
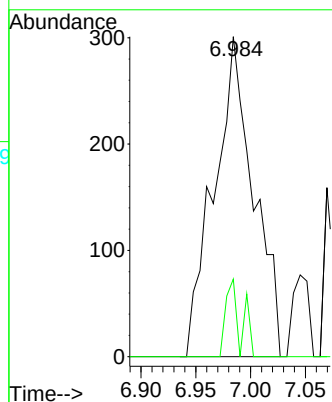
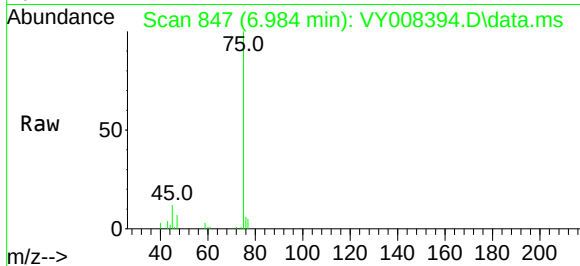




#25
2-Butanone
Concen: 2.509 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

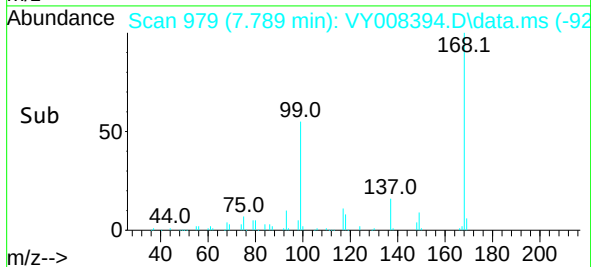
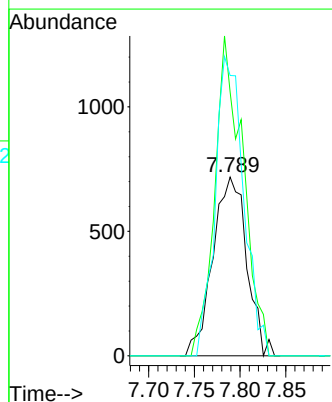
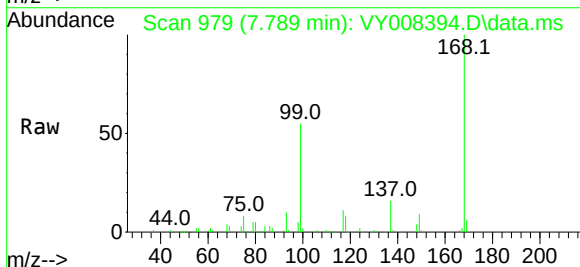
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

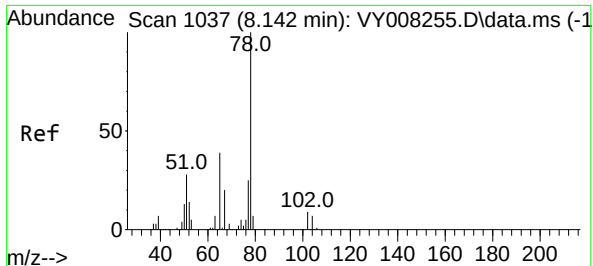
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
72 24.3 17.7 26.5



#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 147.6 26.7 40.1#
84 156.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.189 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY008394.D

Acq: 19 Apr 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

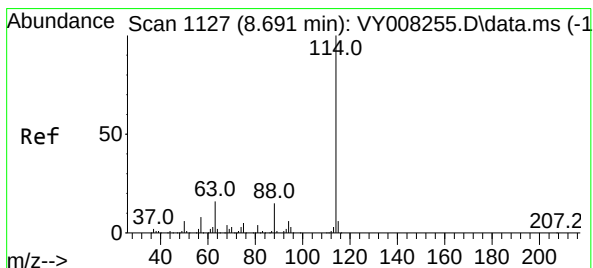
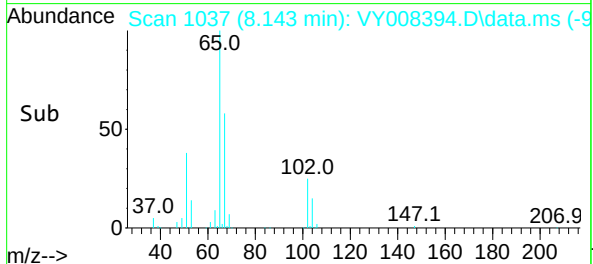
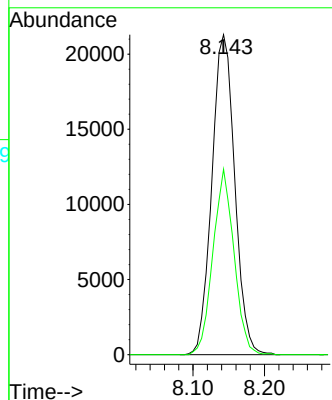
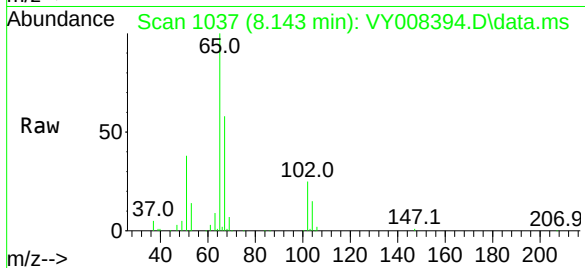
SB-1

Tgt Ion: 65 Resp: 47364

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: VY008394.D

Acq: 19 Apr 2022 14:33

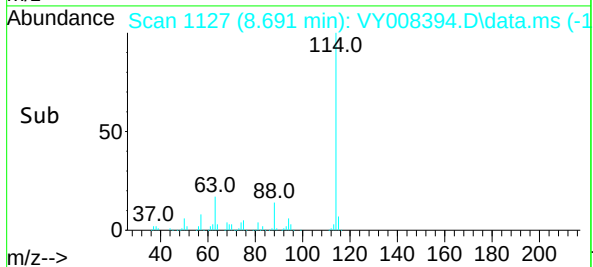
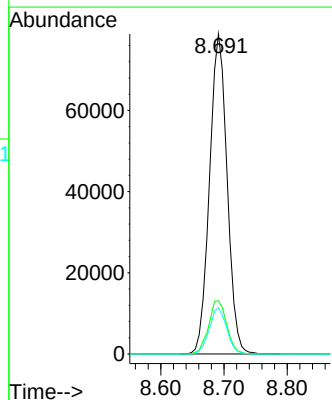
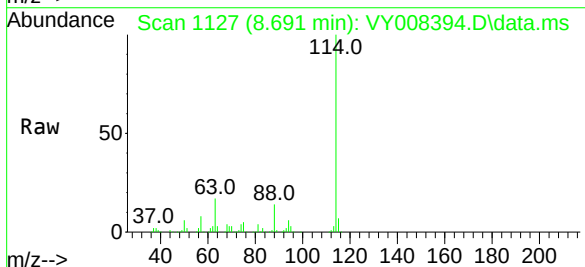
Tgt Ion: 114 Resp: 152479

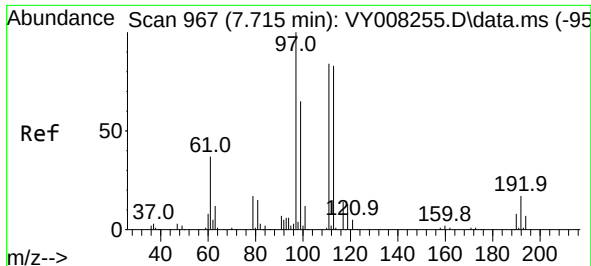
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.5 0.0 31.8

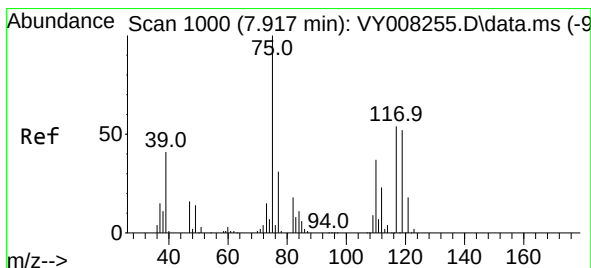
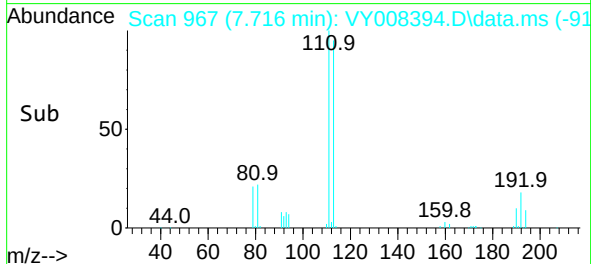
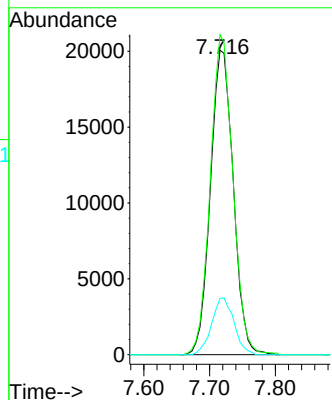
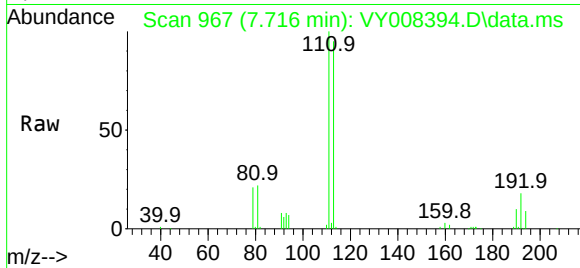




#35
Dibromofluoromethane
Concen: 55.096 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

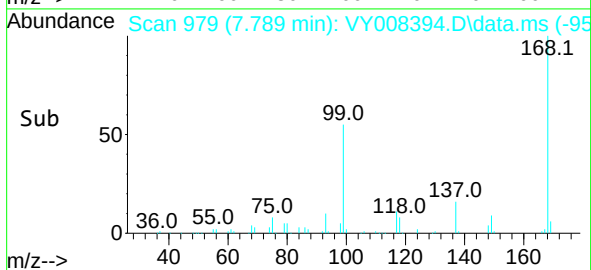
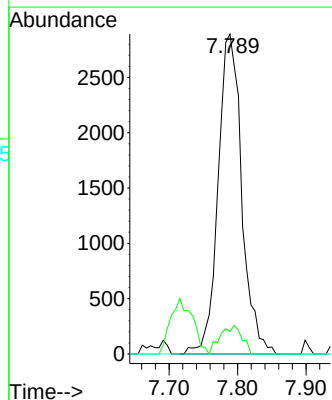
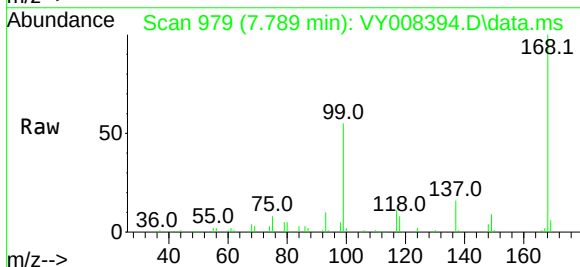
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

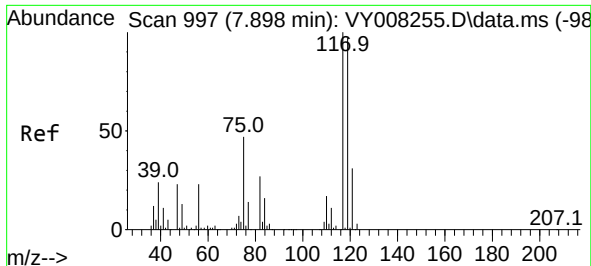
Tgt Ion:113 Resp: 48523
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.922 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 75 Resp: 6922
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

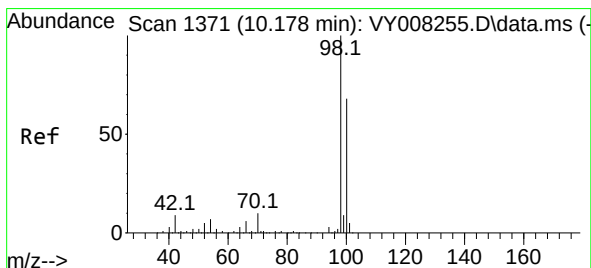
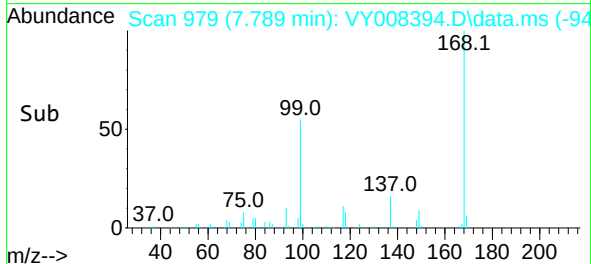
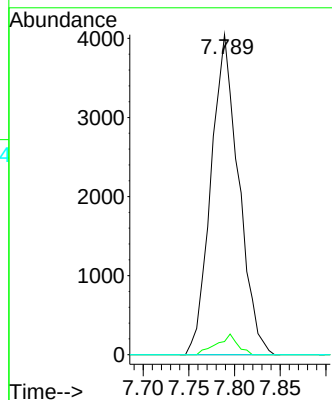
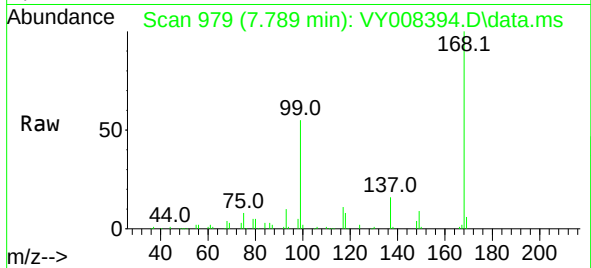




#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

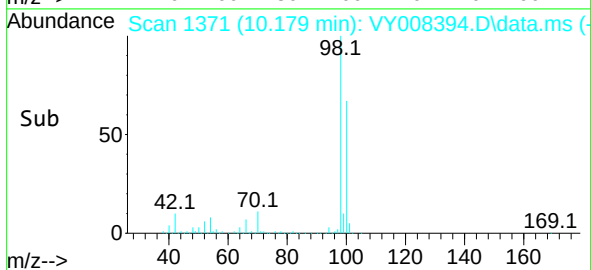
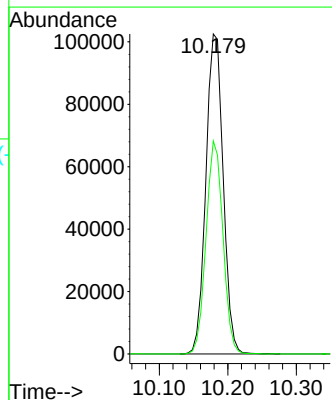
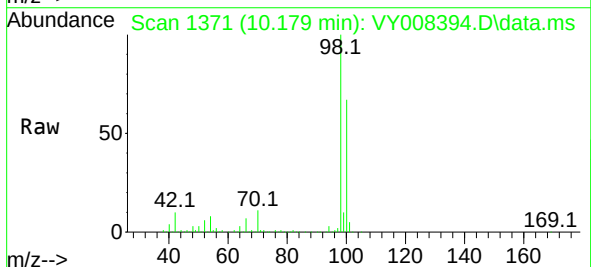
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

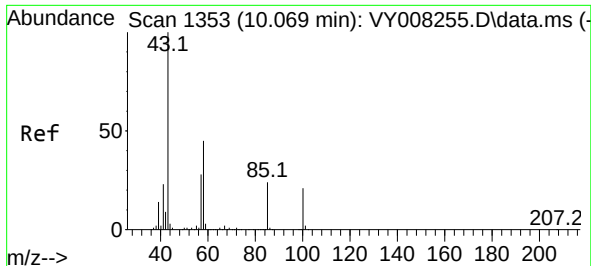
Tgt Ion:117 Resp: 8525
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 59.873 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 98 Resp: 180431
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

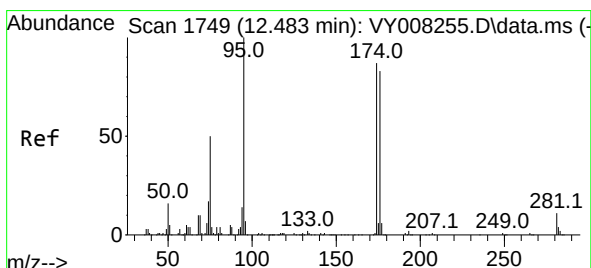
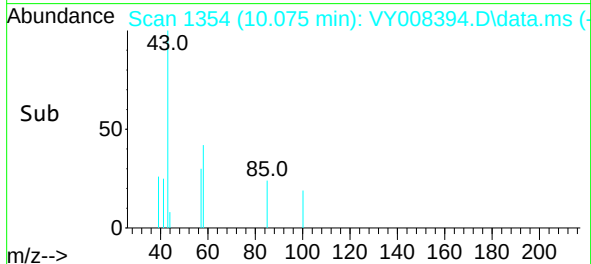
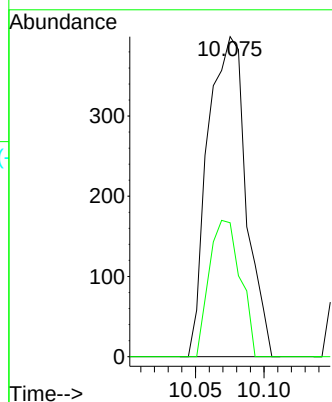
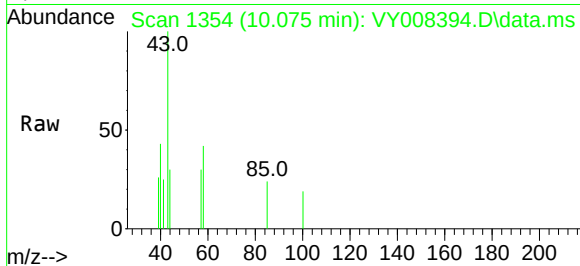




#51
4-Methyl-2-Pentanone
Concen: 1.118 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

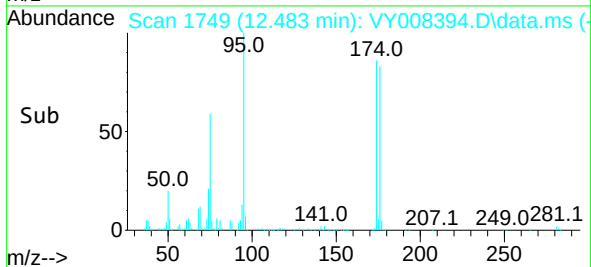
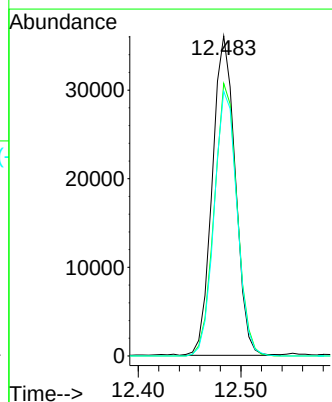
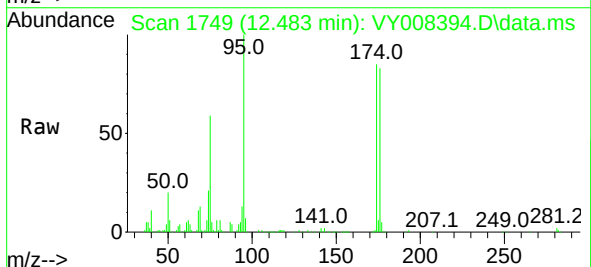
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

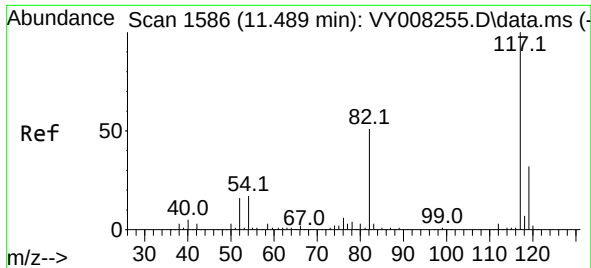
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
58 34.5 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 49.262 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 95 Resp: 55837
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 82.7 0.0 175.8

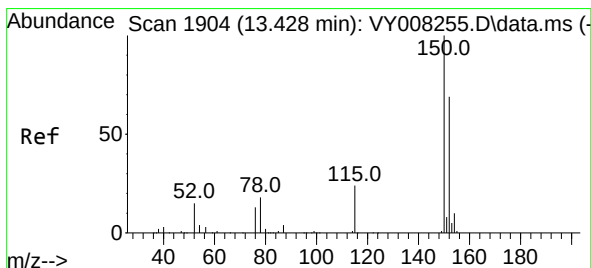
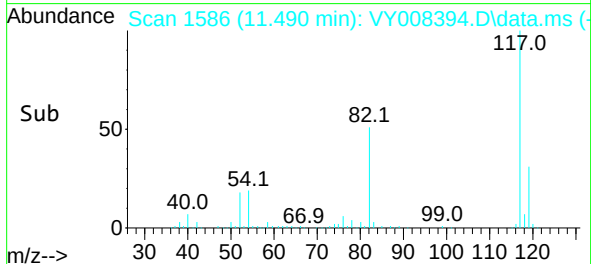
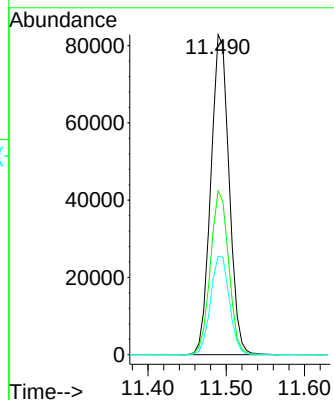
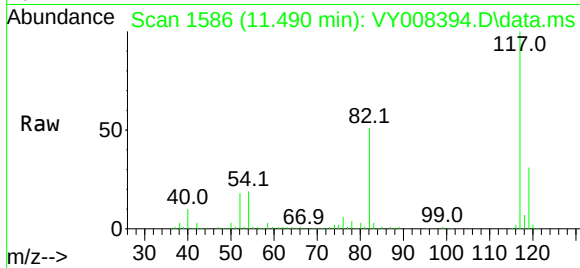




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

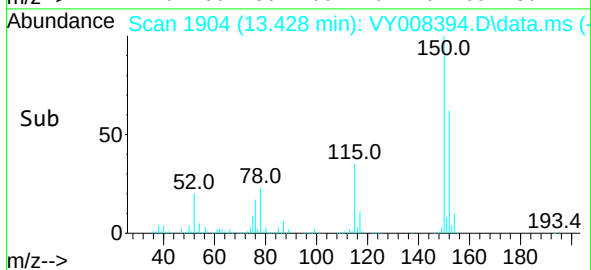
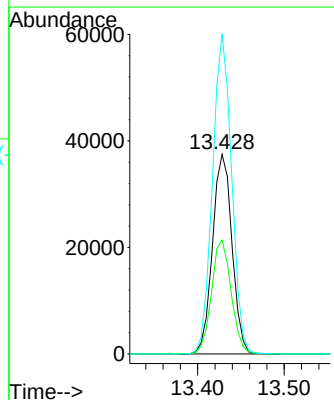
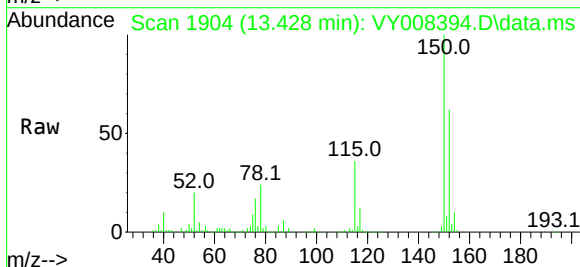
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

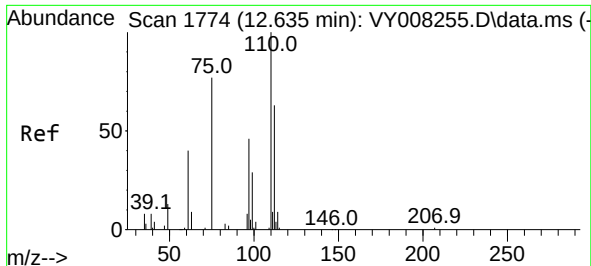
Tgt Ion:117 Resp: 134143
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion:152 Resp: 58602
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.1 0.0 347.6

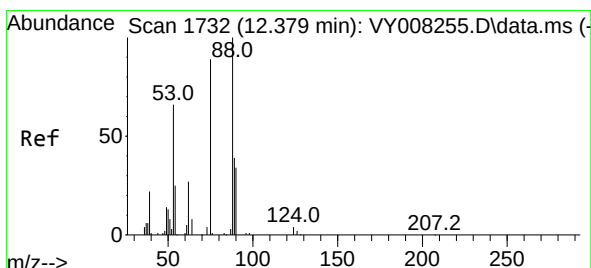
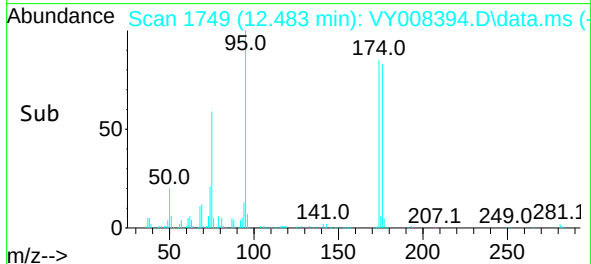
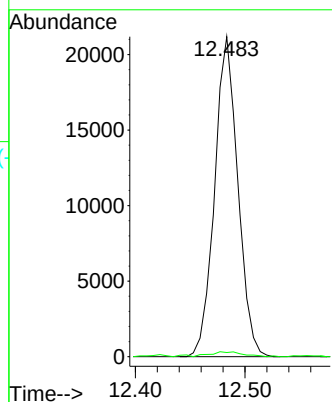
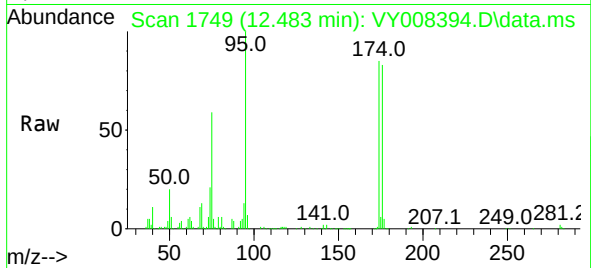




#76
1,2,3-Trichloropropane
Concen: 48.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

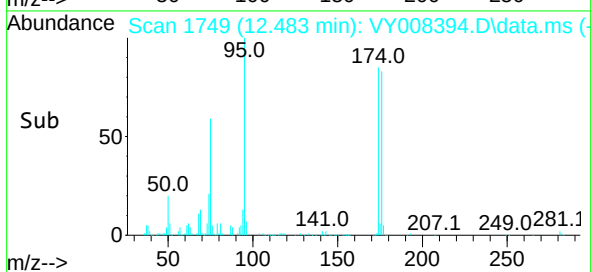
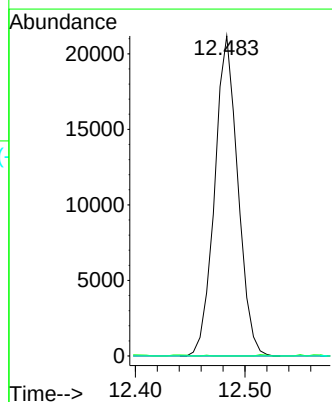
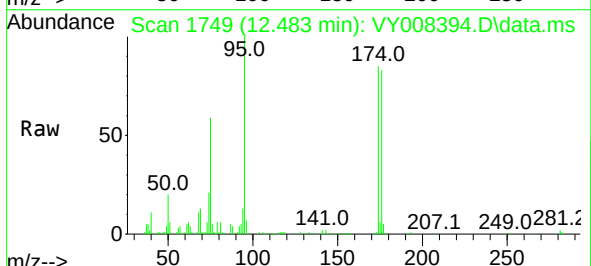
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

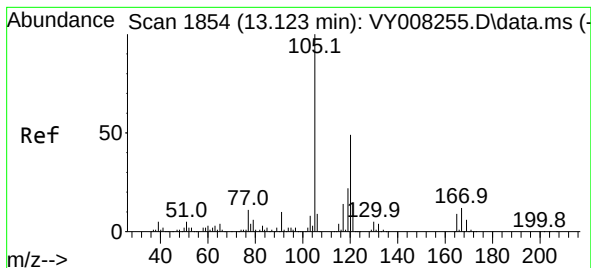
Tgt Ion: 75 Resp: 31172
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.613 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 75 Resp: 31172
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#84

1,2,4-Trimethylbenzene

Concen: 2.180 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008394.D

Acq: 19 Apr 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

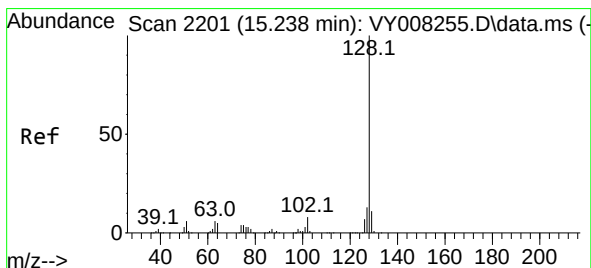
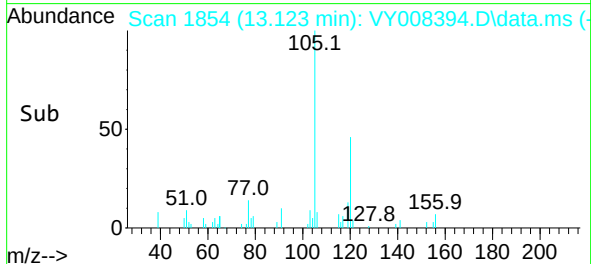
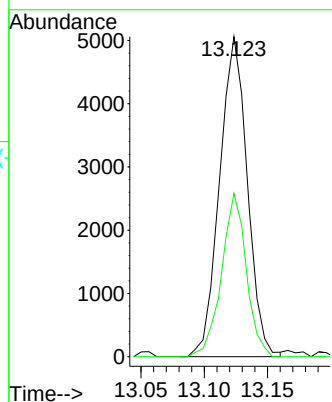
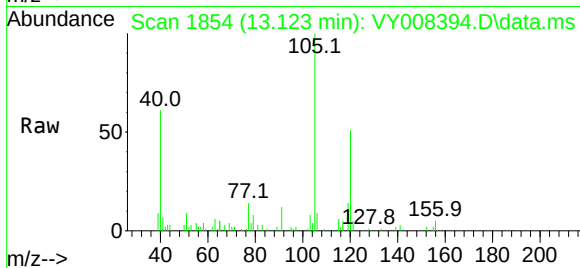
SB-1

Tgt Ion:105 Resp: 7707

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9



#95

Naphthalene

Concen: 1.613 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.001 min

Lab File: VY008394.D

Acq: 19 Apr 2022 14:33

Tgt Ion:128 Resp: 3845

Ion Ratio Lower Upper

128 100

127 14.6 11.0 16.4

129 10.9 8.4 12.6

