

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008382.D
 Acq On : 18 Apr 2022 18:40
 Operator : KP/MD
 Sample : N2427-08
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Quant Time: Apr 19 06:32:26 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)

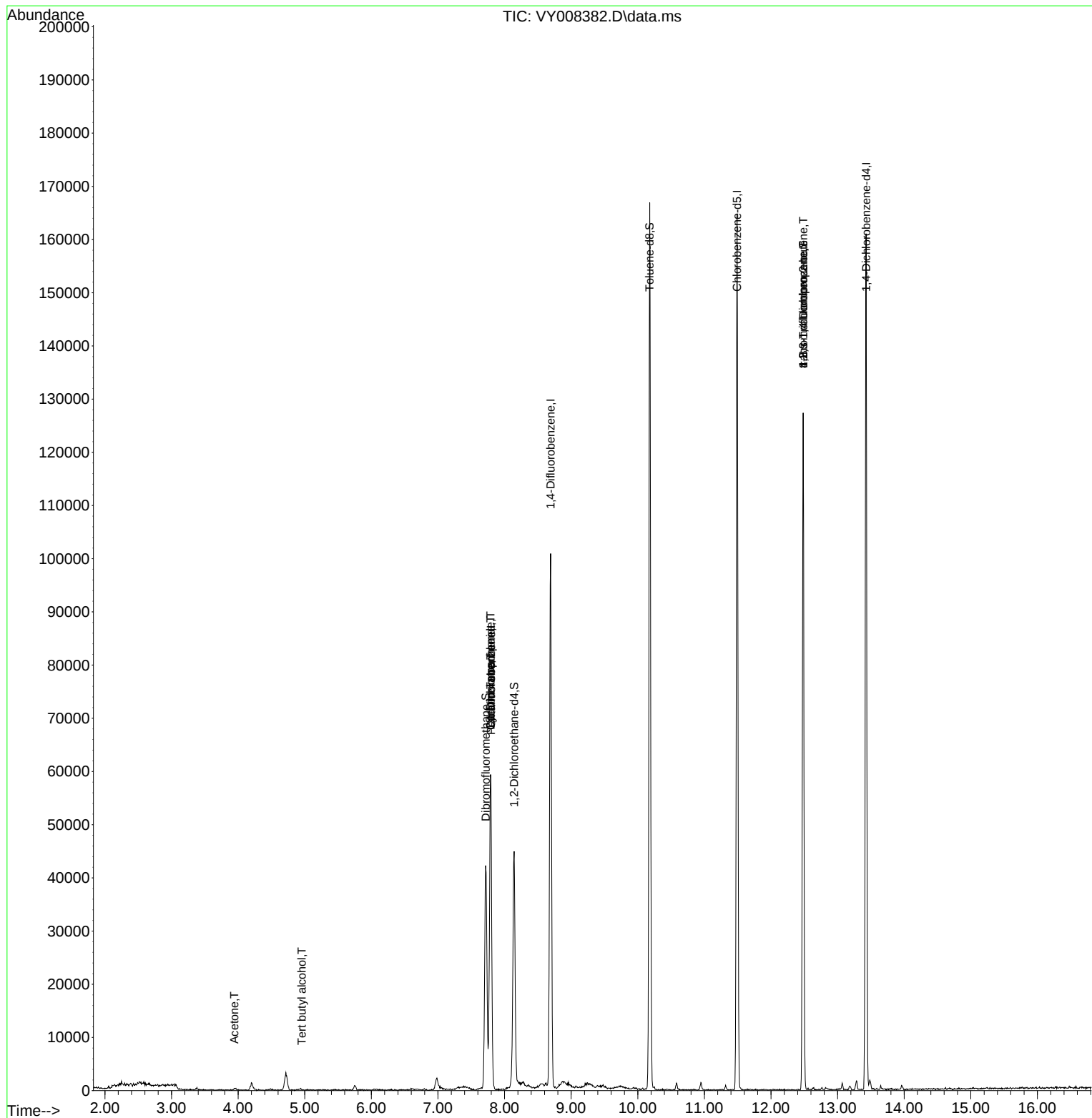
Internal Standards						
1) Pentafluorobenzene	7.795	168	46854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	90919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32205	73.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.340%	
35) Dibromofluoromethane	7.716	113	29965	58.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.780%	
50) Toluene-d8	10.179	98	108994	62.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.140%	
62) 4-Bromofluorobenzene	12.483	95	37240	56.385	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	105	Below Cal	#	44
5) Bromomethane	2.668	94	129	Below Cal		90
11) Tert butyl alcohol	4.954	59	139	2.954	ug/l #	77
16) Acetone	3.942	43	619	5.848	ug/l #	87
18) Methyl Acetate	4.479	43	171	Below Cal	#	56
20) Methylene Chloride	4.716	84	2544	Below Cal	#	82
31) Cyclohexane	7.789	56	929	1.167	ug/l #	23
36) 1,1-Dichloropropene	7.789	75	3751	4.577	ug/l #	49
38) Carbon Tetrachloride	7.789	117	4626	5.247	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	20367	45.151	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20367	101.025	ug/l #	7

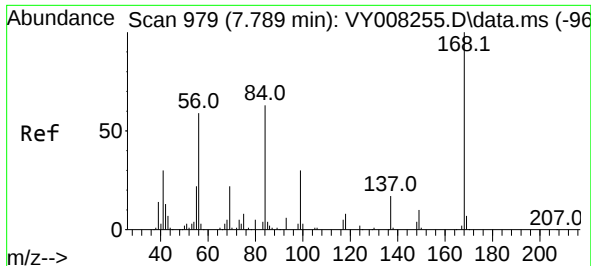
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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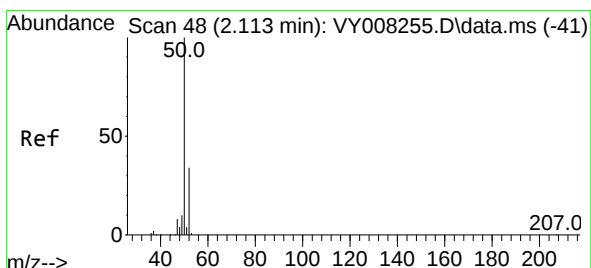
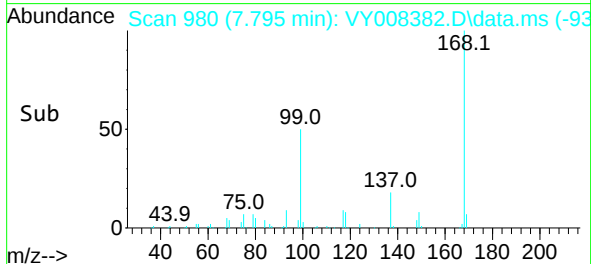
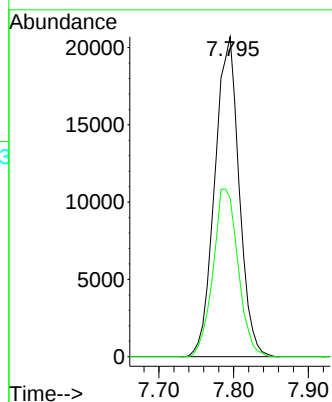
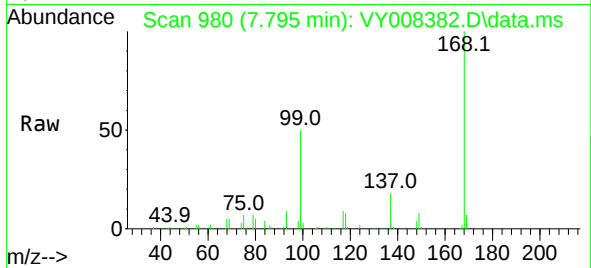




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

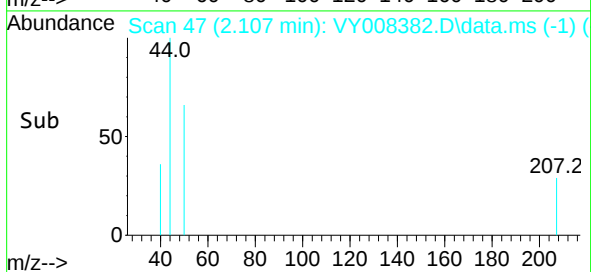
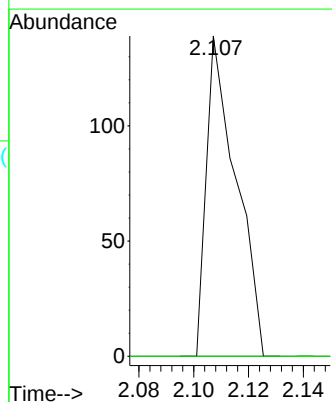
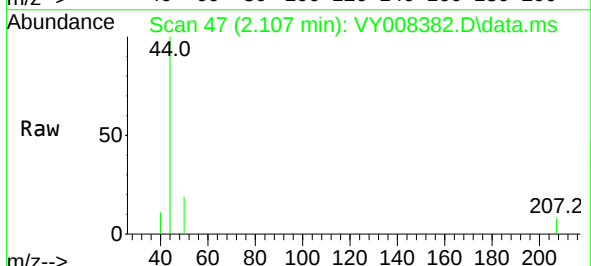
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

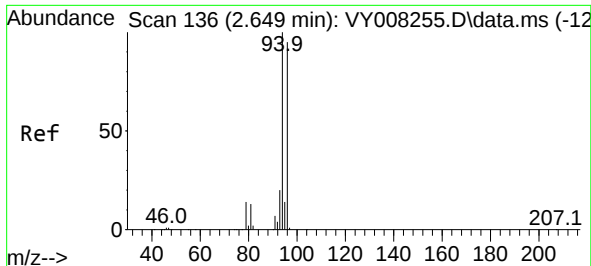
Tgt Ion:168 Resp: 46854
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

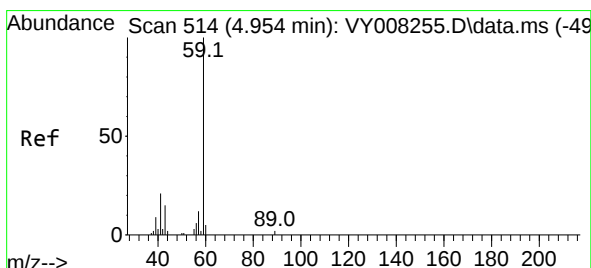
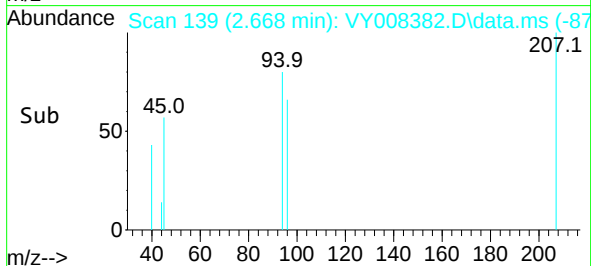
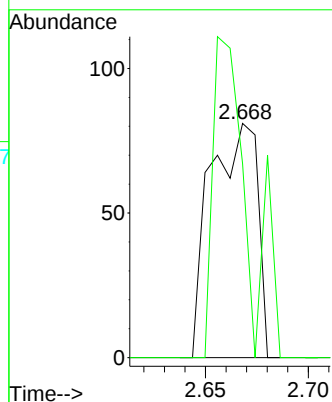
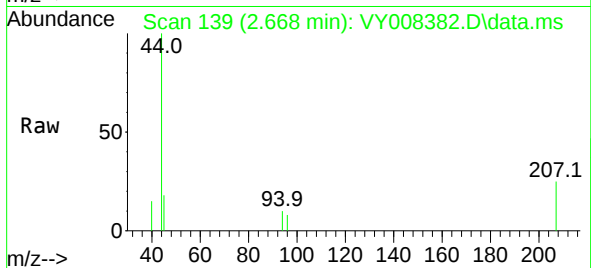




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

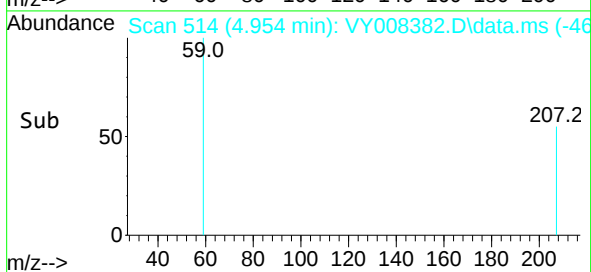
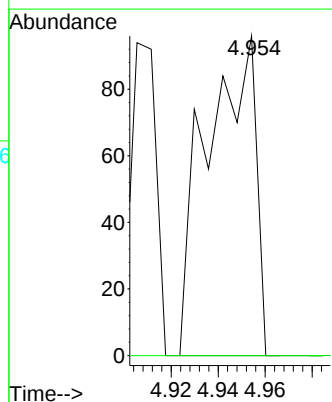
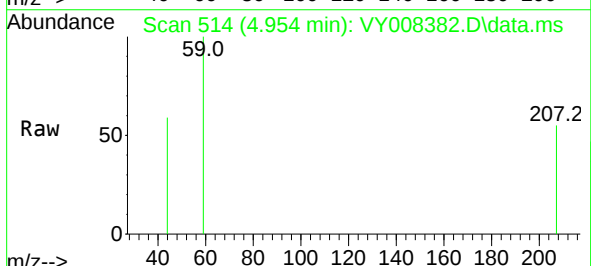
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

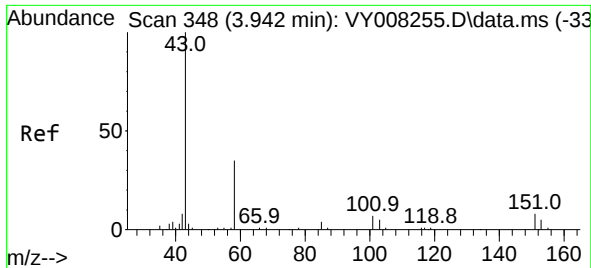
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 82.7 73.5 110.3



#11
Tert butyl alcohol
Concen: 2.954 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 5.848 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY008382.D

Acq: 18 Apr 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

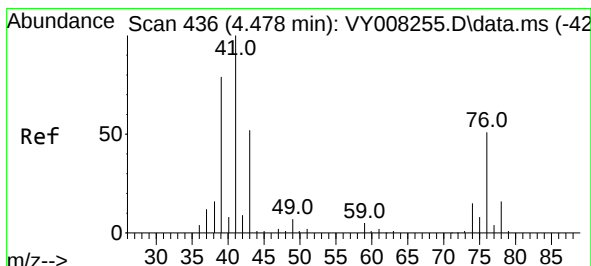
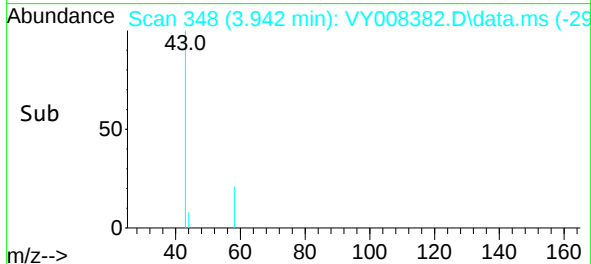
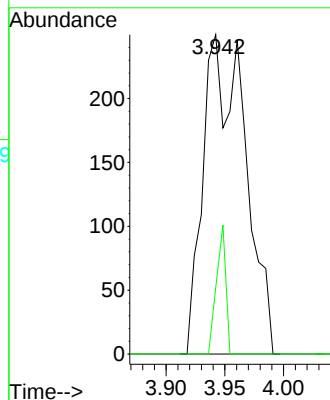
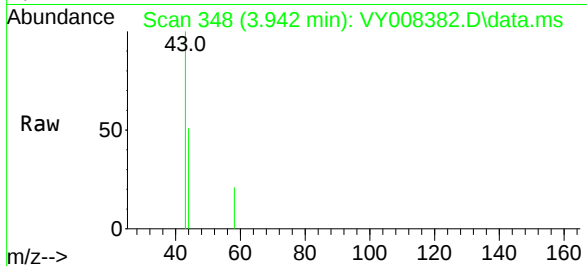
SB-8

Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

58 20.8 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008382.D

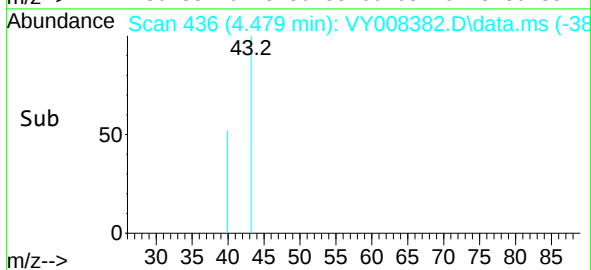
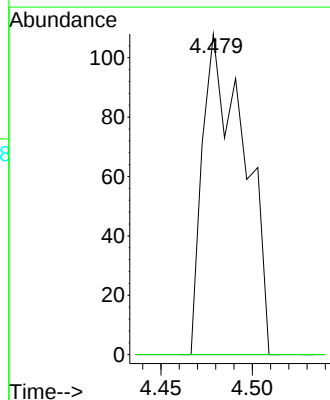
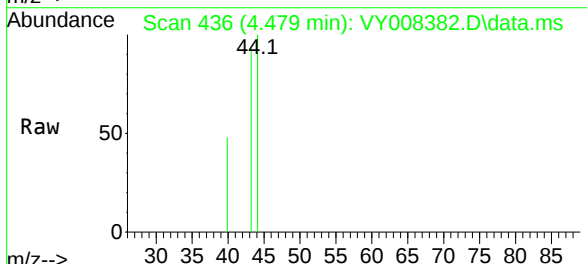
Acq: 18 Apr 2022 18:40

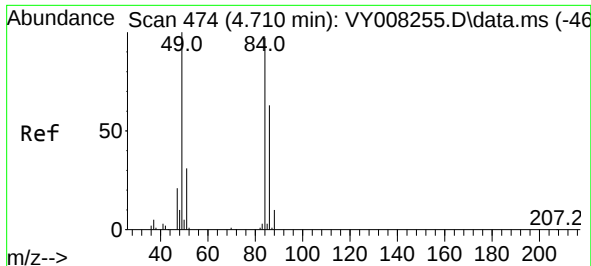
Tgt Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

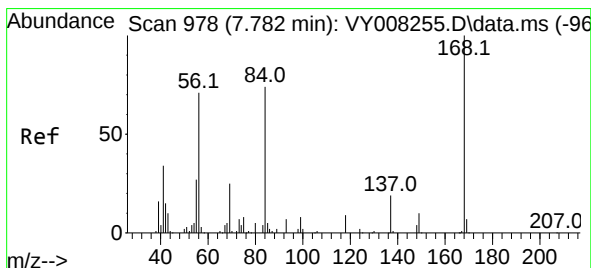
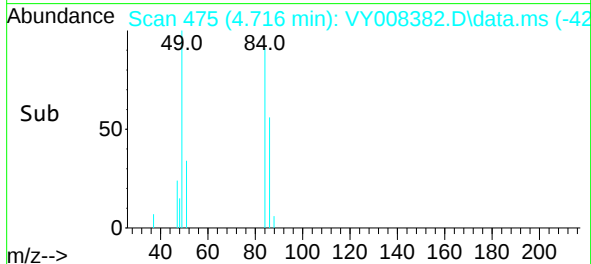
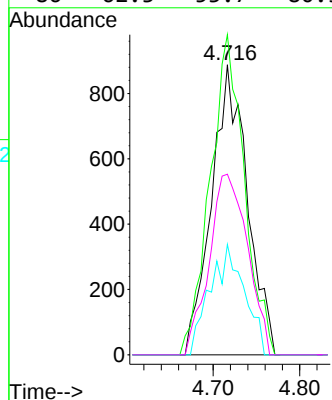
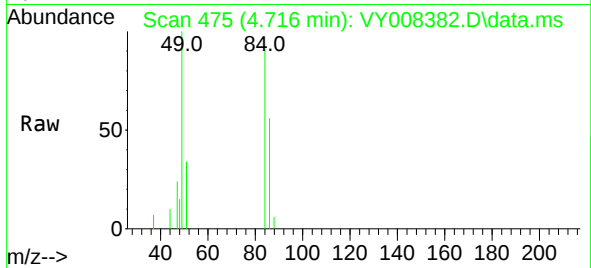




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

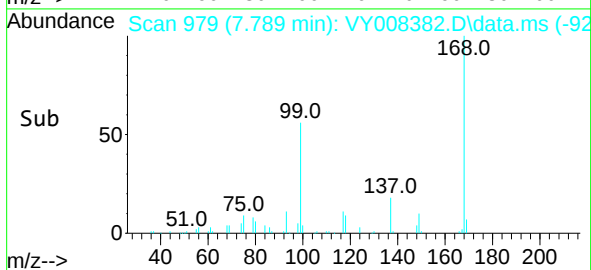
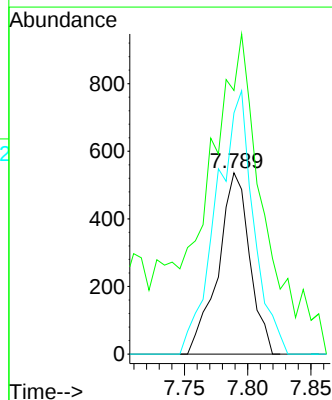
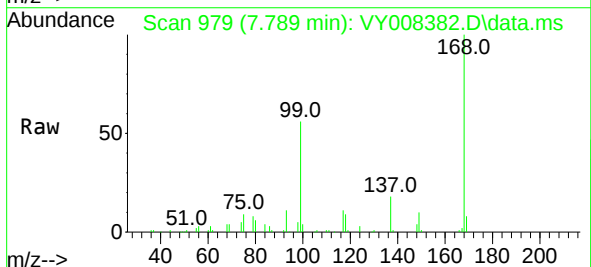
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

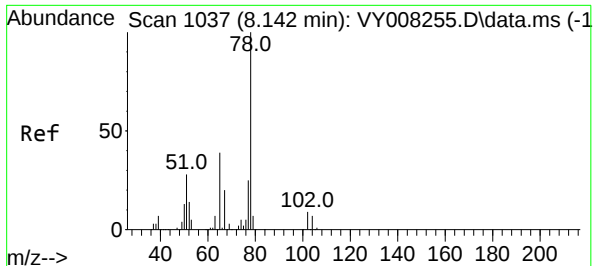
Tgt Ion: 84 Resp: 2544
Ion Ratio Lower Upper
84 100
49 110.4 114.4 171.6#
51 38.1 35.3 52.9
86 62.3 53.7 80.5



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion: 56 Resp: 929
Ion Ratio Lower Upper
56 100
69 109.7 26.7 40.1#
84 133.0 67.2 100.8#

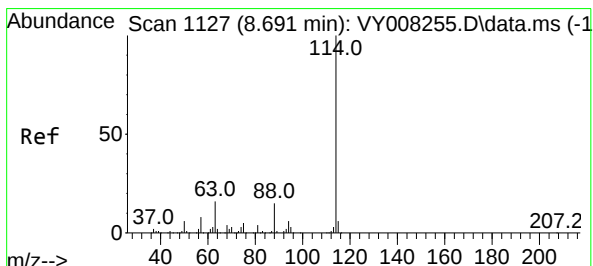
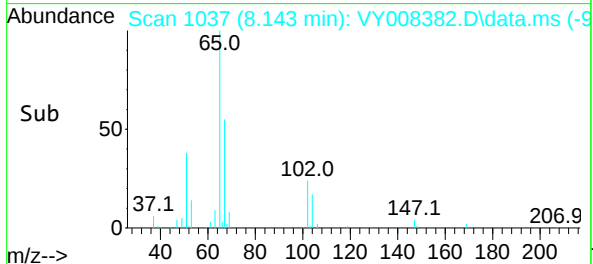
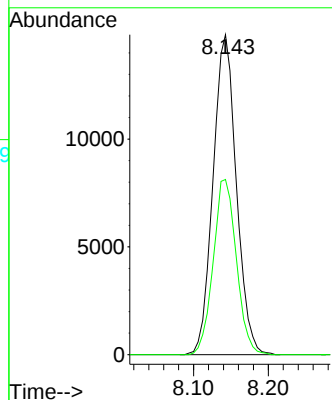
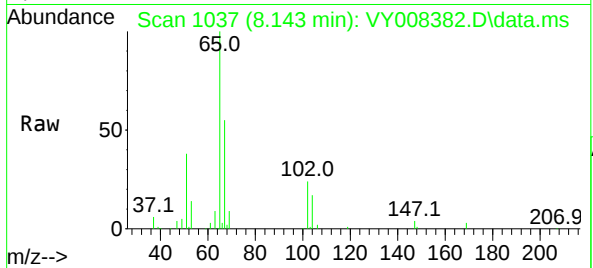




#33
 1,2-Dichloroethane-d4
 Concen: 73.175 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008382.D
 Acq: 18 Apr 2022 18:40

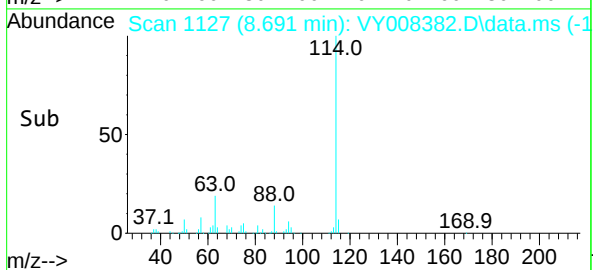
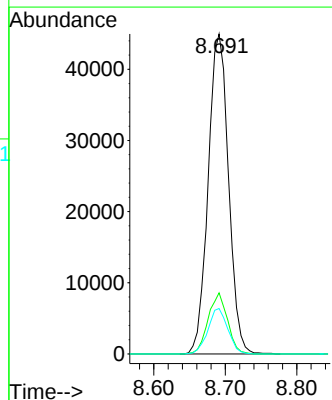
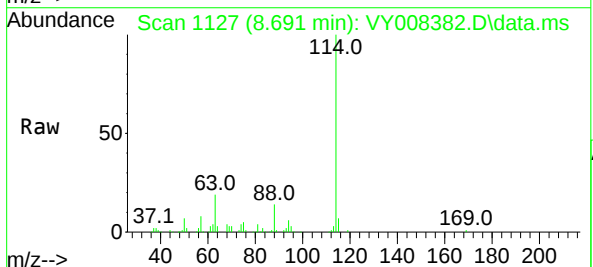
Instrument :
 MSVOA_Y
 ClientSampleId :
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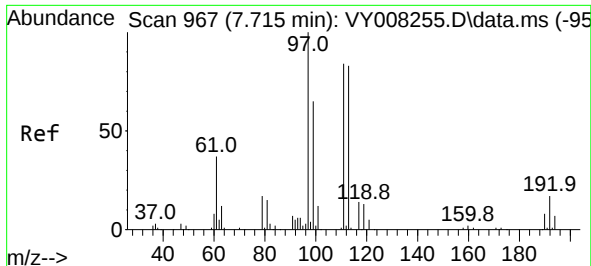
Tgt Ion: 65 Resp: 32205
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008382.D
 Acq: 18 Apr 2022 18:40

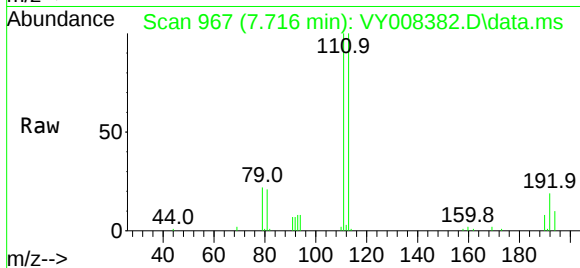
Tgt Ion: 114 Resp: 88847
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.2
 88 14.2 0.0 31.8



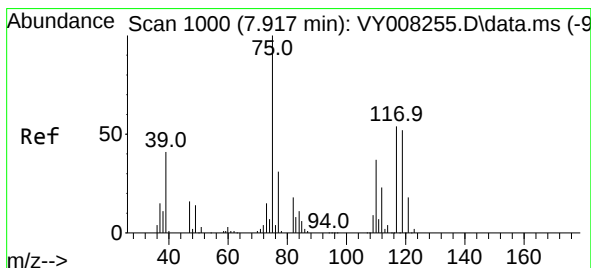
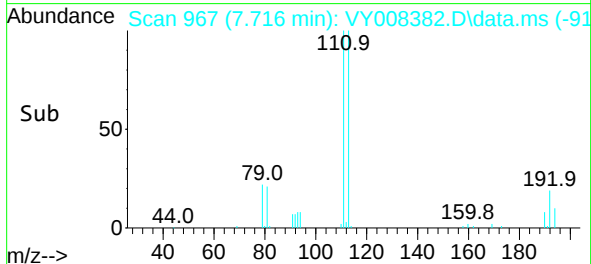
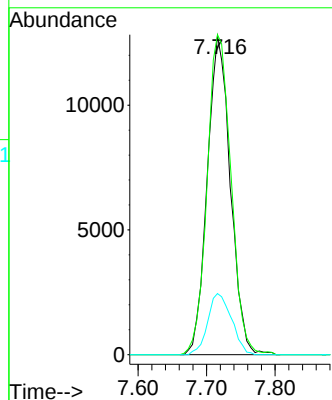


#35
Dibromofluoromethane
Concen: 58.393 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Instrument :
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ClientSampleId :
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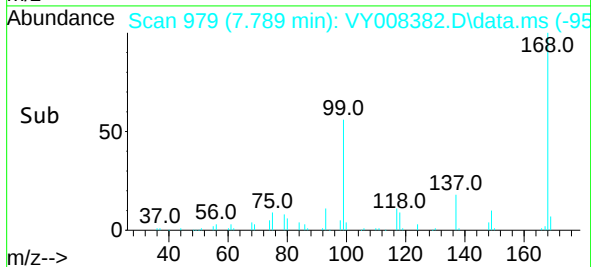
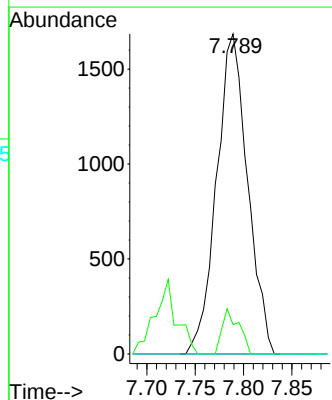
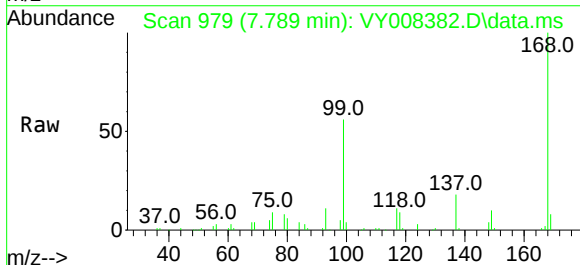


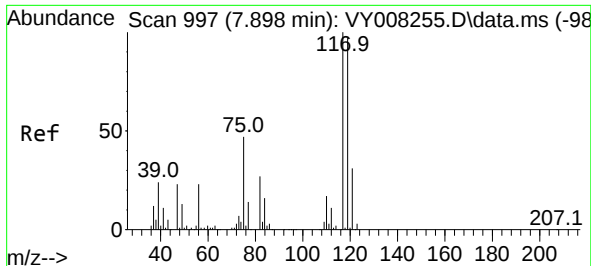
Tgt Ion:113 Resp: 29965
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

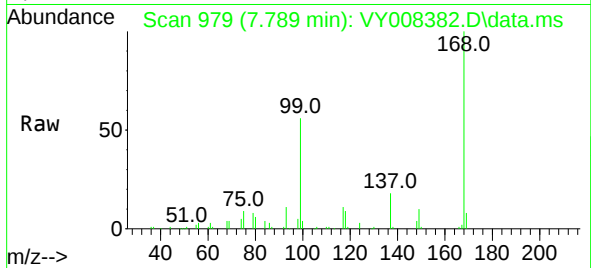
Tgt Ion: 75 Resp: 3751
Ion Ratio Lower Upper
75 100
110 7.5 17.1 51.2#
77 0.0 24.4 36.6#



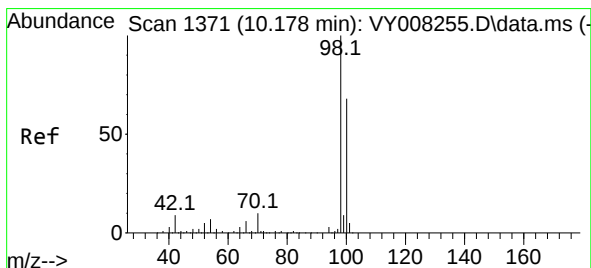
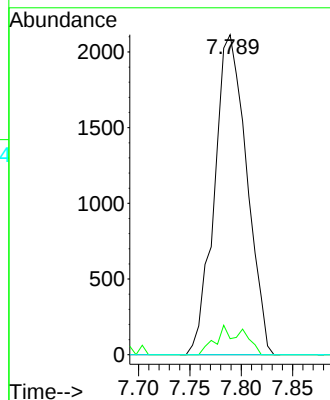
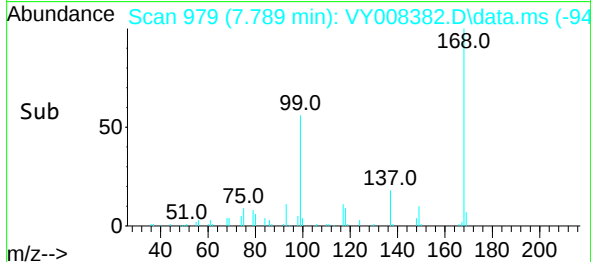


#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Instrument :
MSVOA_Y
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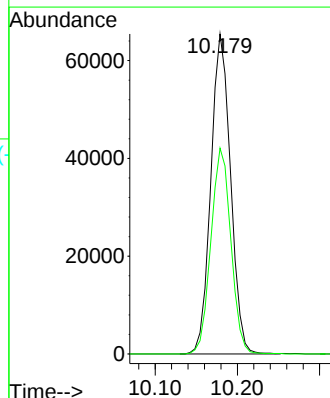
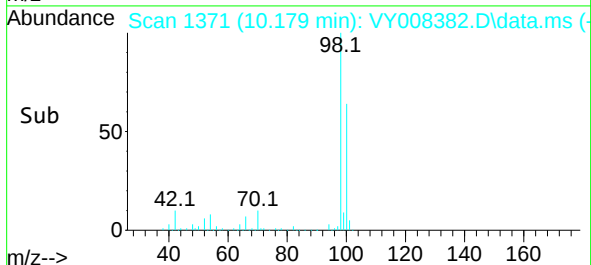
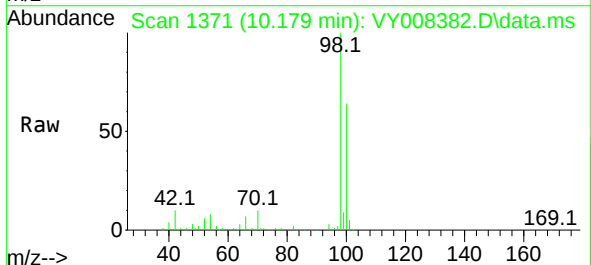


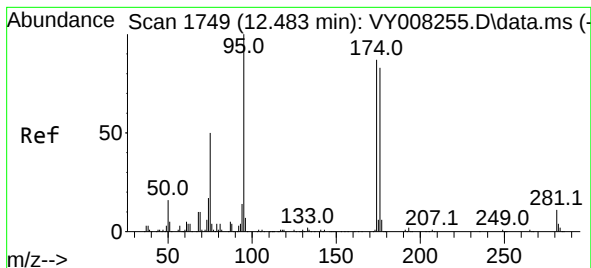
Tgt Ion:117 Resp: 4626
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 62.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion: 98 Resp: 108994
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

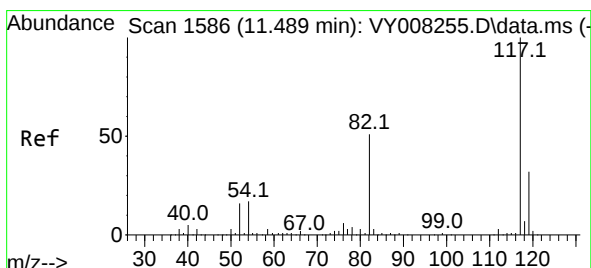
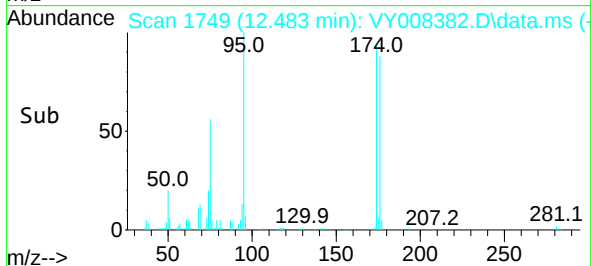
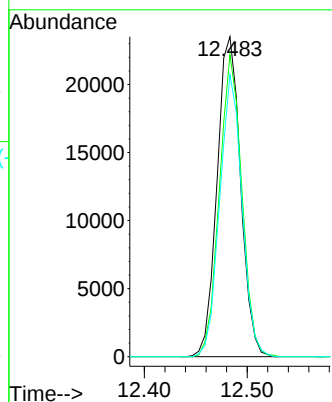
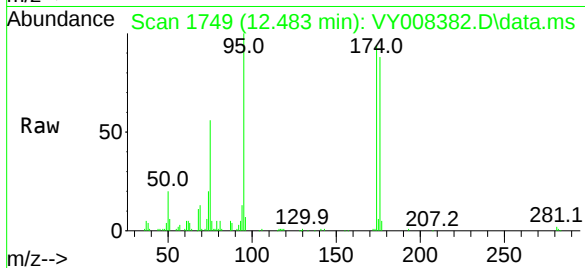




#62
4-Bromofluorobenzene
Concen: 56.385 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

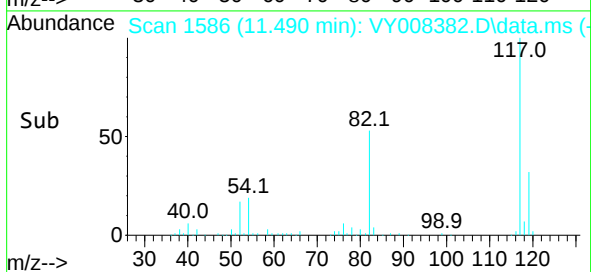
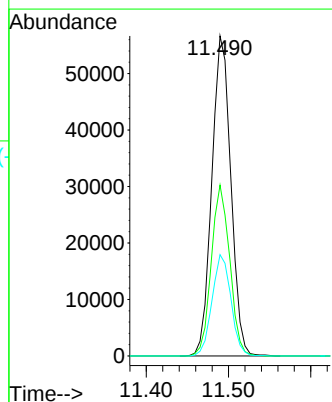
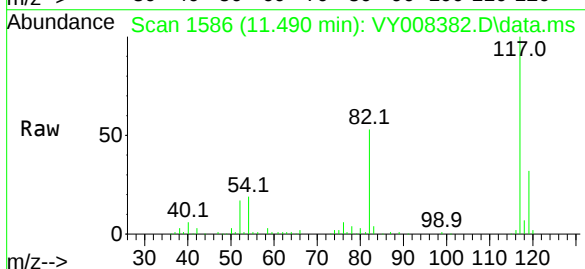
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

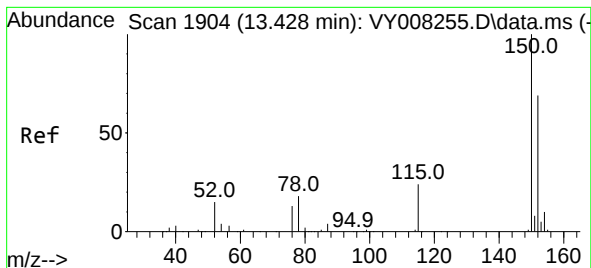
Tgt Ion: 95 Resp: 37240
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion: 117 Resp: 90919
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.7 25.4 38.0

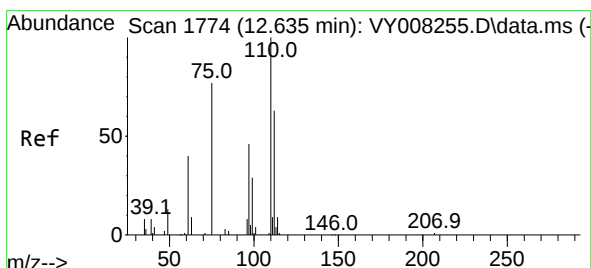
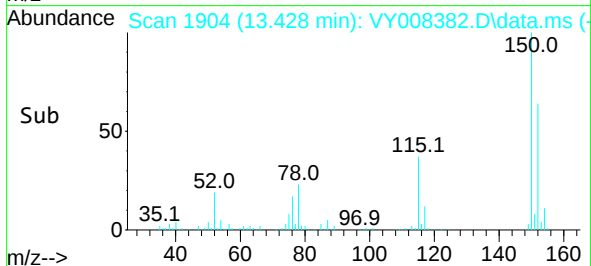
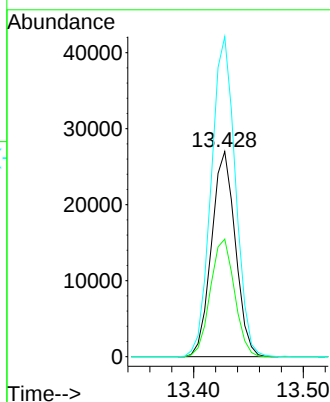
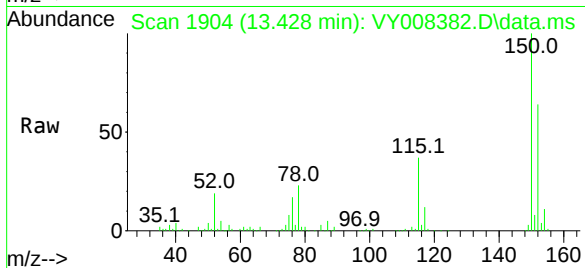




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008382.D
 Acq: 18 Apr 2022 18:40

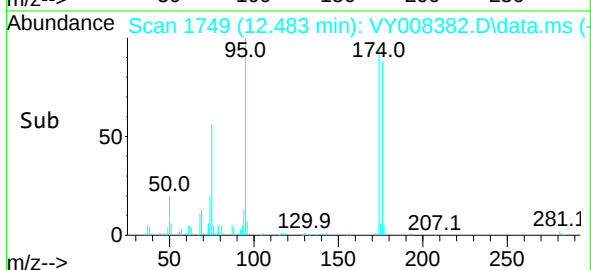
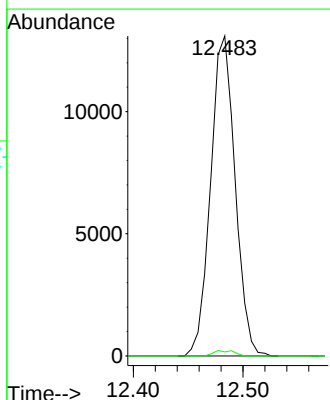
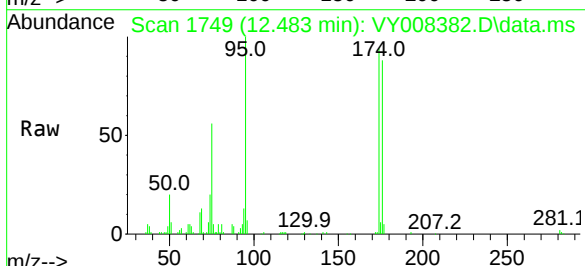
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

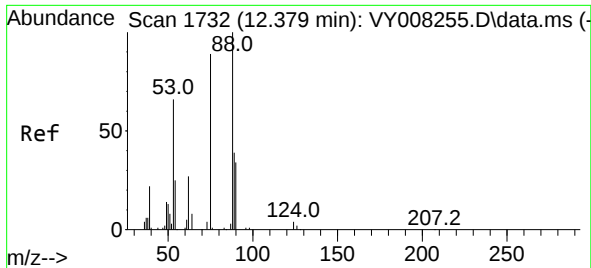
Tgt Ion:152 Resp: 40786
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.151 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008382.D
 Acq: 18 Apr 2022 18:40

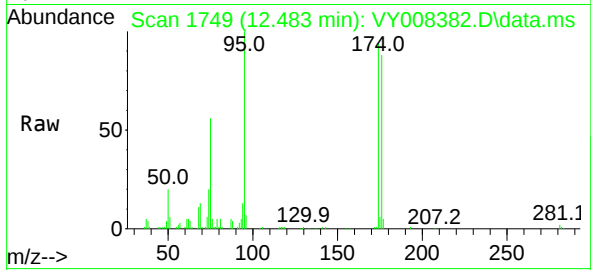
Tgt Ion: 75 Resp: 20367
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.025 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008382.D
 Acq: 18 Apr 2022 18:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8



Tgt Ion: 75 Resp: 20367
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

