

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008832.D
 Acq On : 18 May 2022 23:04
 Operator : KP/MD
 Sample : VY0518SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBL02

Quant Time: May 19 03:15:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

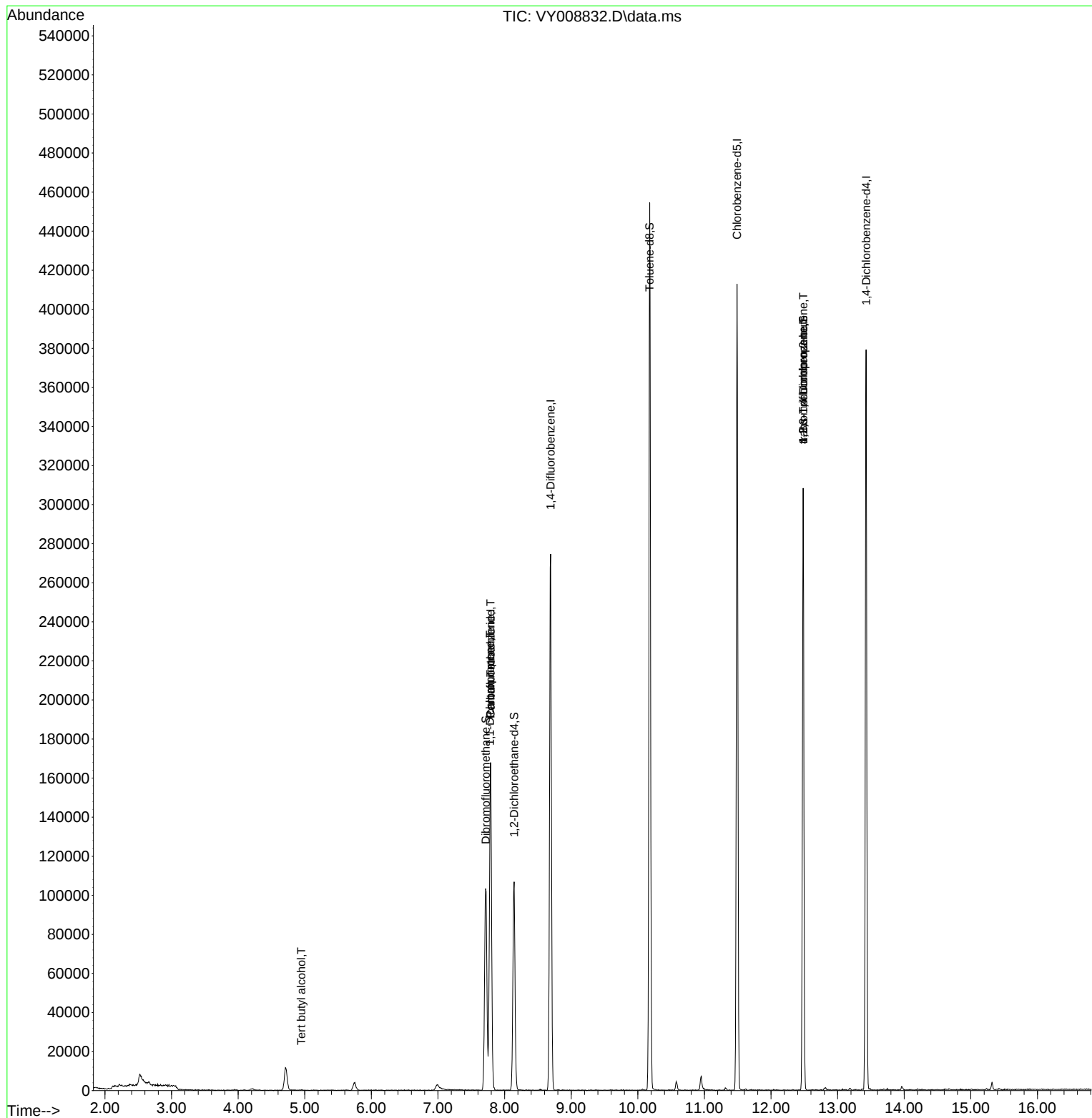
Internal Standards						
1) Pentafluorobenzene	7.789	168	127363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81495	68.973	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.940%			
35) Dibromofluoromethane	7.716	113	73835	54.909	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.820%			
50) Toluene-d8	10.179	98	285842	47.961	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.920%			
62) 4-Bromofluorobenzene	12.483	95	81765	39.146	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.300%			
Target Compounds						
3) Chloromethane	2.119	50	297	Below Cal	Qvalue 93	
4) Vinyl Chloride	2.247	62	74	Below Cal	# 14	
5) Bromomethane	2.650	94	444	Below Cal	# 68	
6) Chloroethane	2.790	64	42	Below Cal	# 1	
11) Tert butyl alcohol	4.948	59	179	1.371 ug/l	# 77	
16) Acetone	3.948	43	612	Below Cal	97	
18) Methyl Acetate	4.491	43	26	Below Cal	# 56	
31) Cyclohexane	7.789	56	3094	Below Cal	# 26	
36) 1,1-Dichloropropene	7.783	75	10548	4.898 ug/l	# 50	
38) Carbon Tetrachloride	7.789	117	12968	5.618 ug/l	# 16	
76) 1,2,3-Trichloropropane	12.483	75	46596	44.124 ug/l	# 100	
81) trans-1,4-Dichloro-2-b...	12.483	75	46596	96.511 ug/l	# 7	

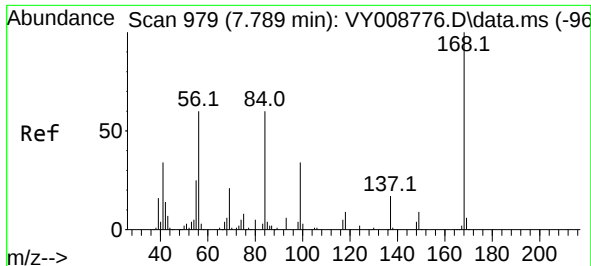
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
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Instrument :
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VY0518SBL02

Quant Time: May 19 03:15:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

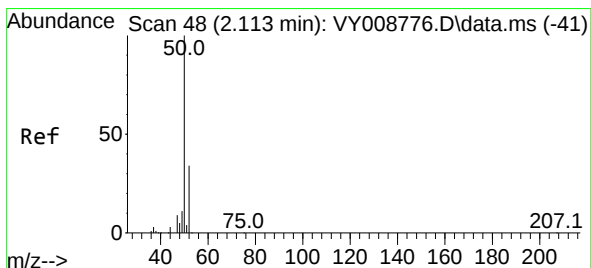
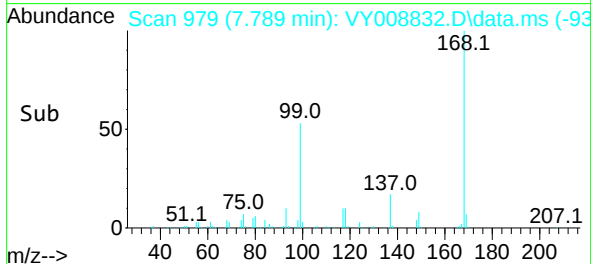
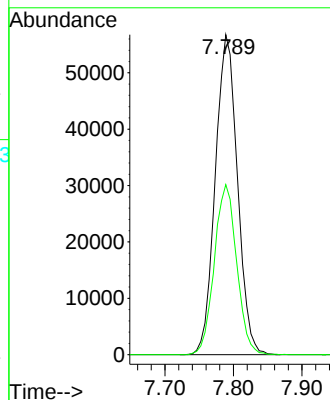
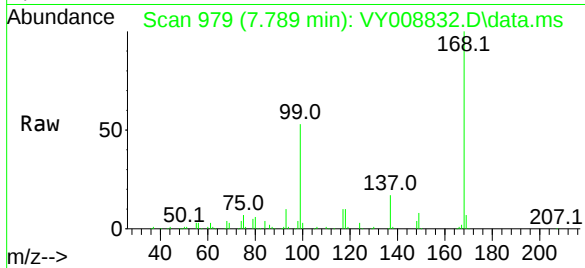




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

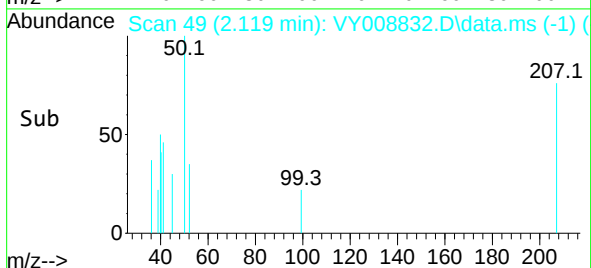
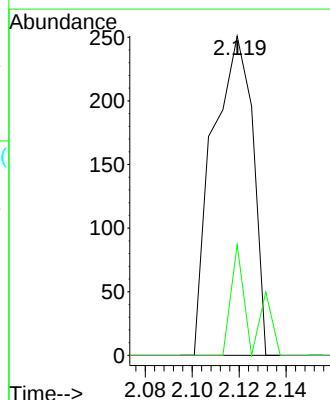
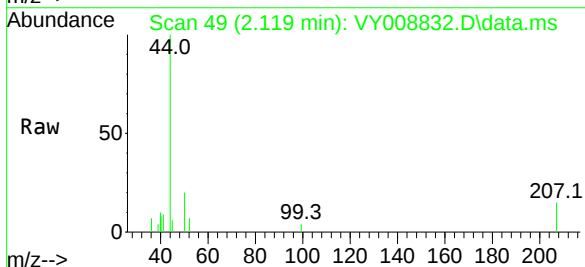
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL02

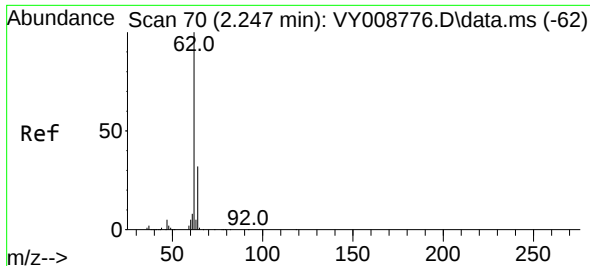
Tgt Ion:168 Resp: 127363
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Tgt Ion: 50 Resp: 297
Ion Ratio Lower Upper
50 100
52 34.7 24.6 37.0

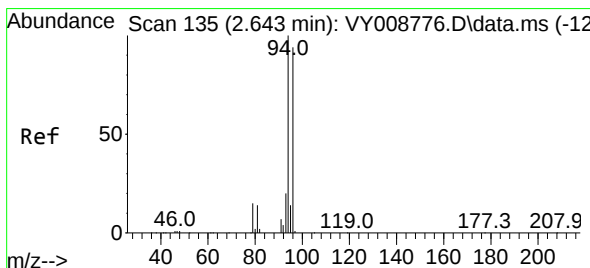
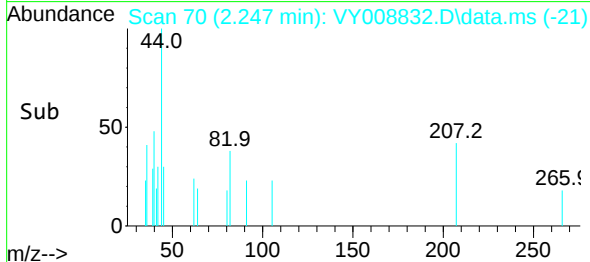
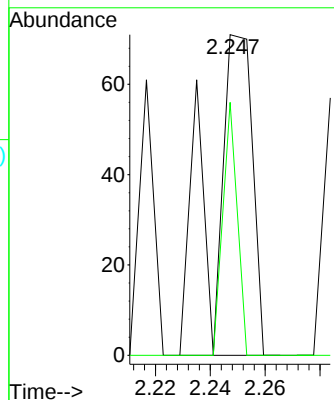
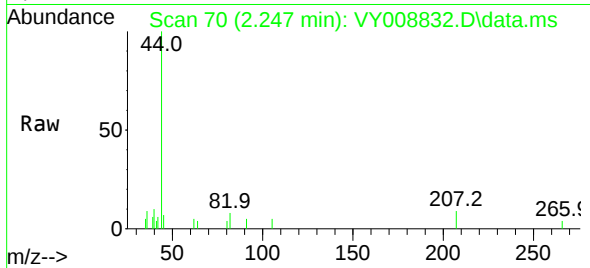




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.247 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VY008832.D
 Acq: 18 May 2022 23:04

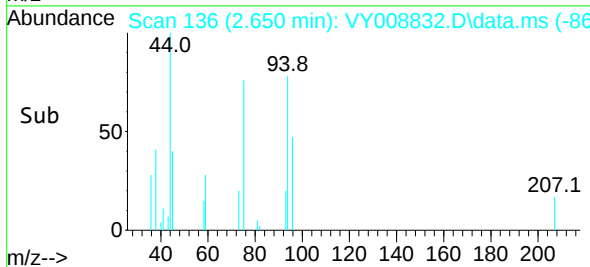
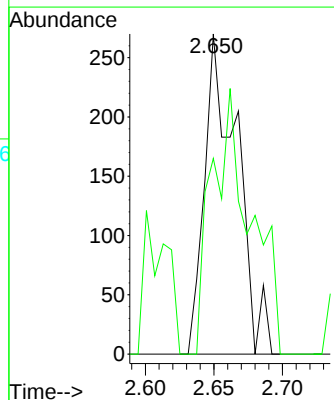
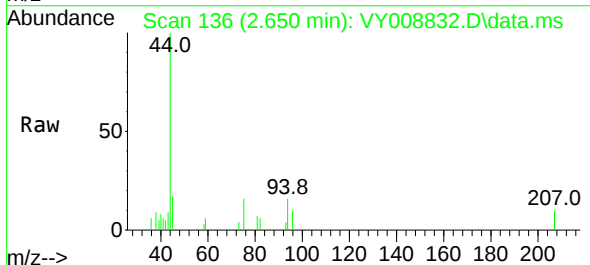
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBL02

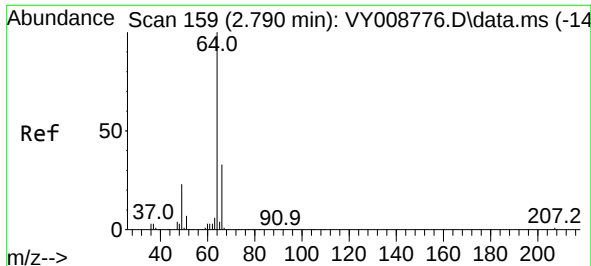
Tgt Ion: 62 Resp: 74
 Ion Ratio Lower Upper
 62 100
 64 78.9 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.650 min Scan# 136
 Delta R.T. 0.007 min
 Lab File: VY008832.D
 Acq: 18 May 2022 23:04

Tgt Ion: 94 Resp: 444
 Ion Ratio Lower Upper
 94 100
 96 61.1 73.5 110.3#

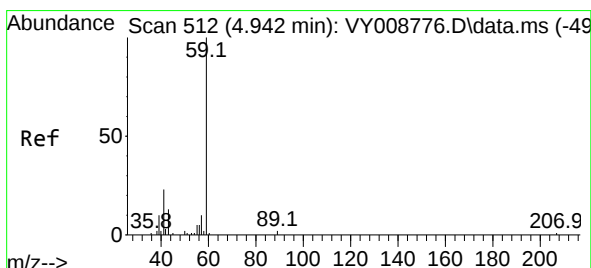
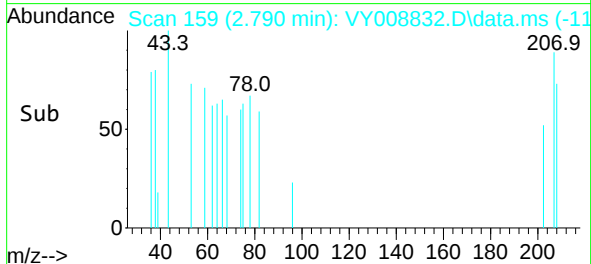
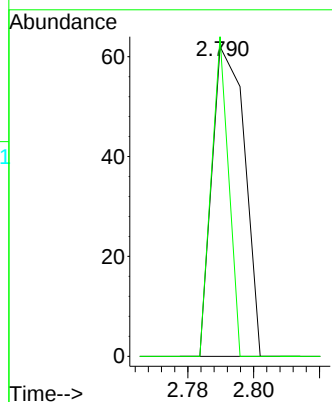
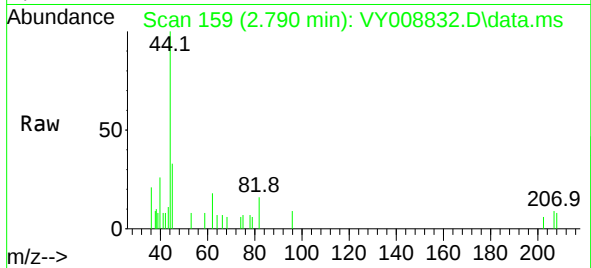




#6
Chloroethane
Concen: Below Cal
RT: 2.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

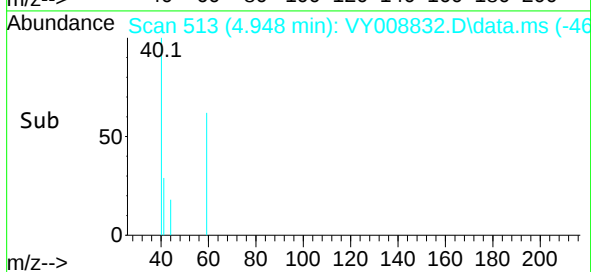
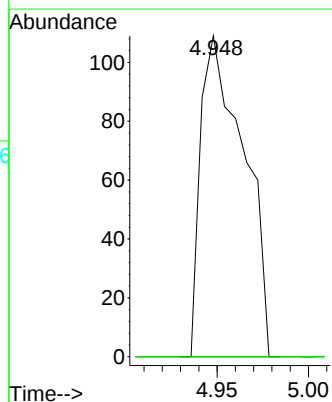
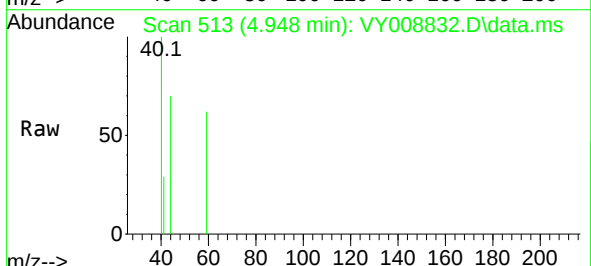
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL02

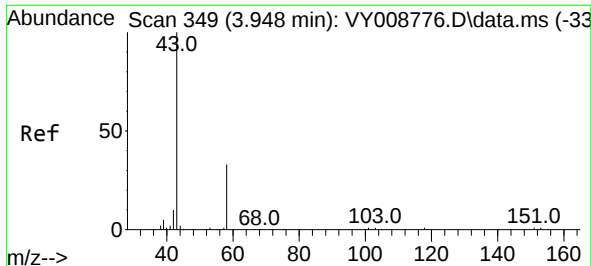
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 103.2 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.371 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

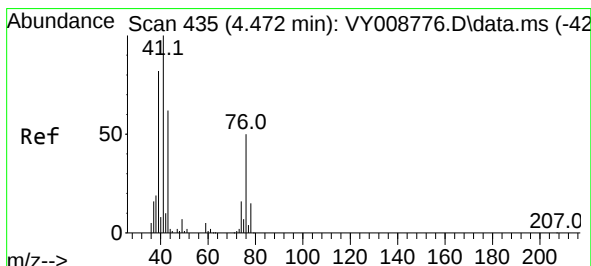
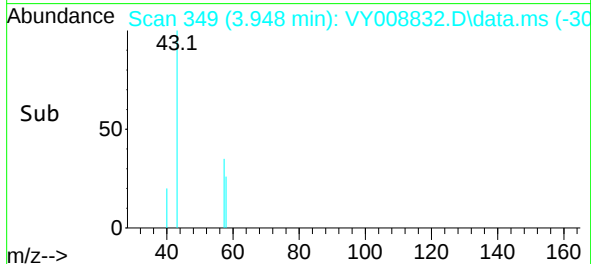
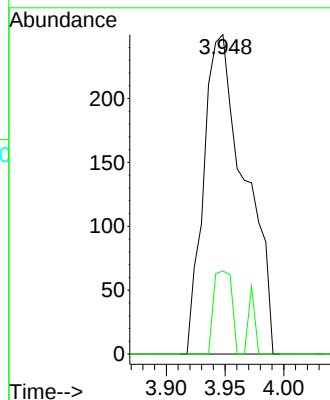
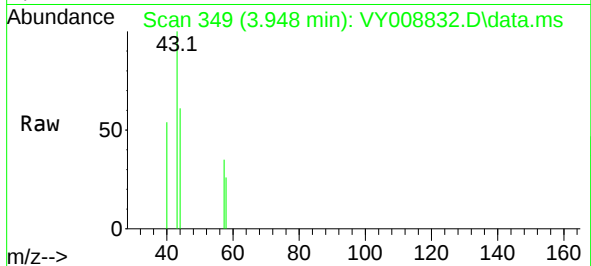




#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

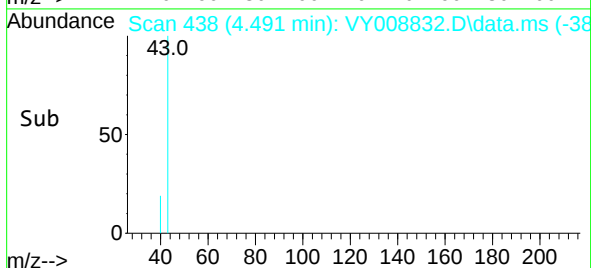
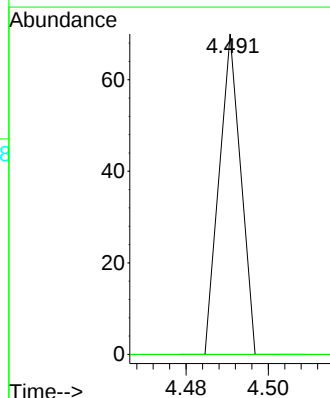
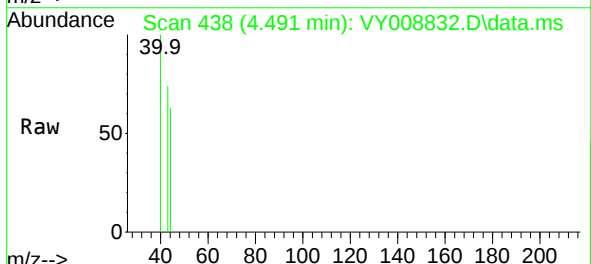
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL02

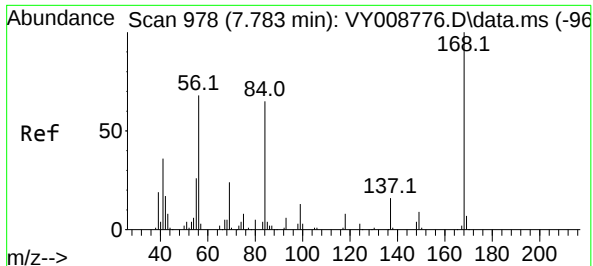
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 26.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

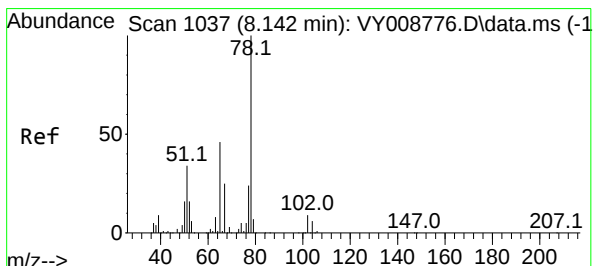
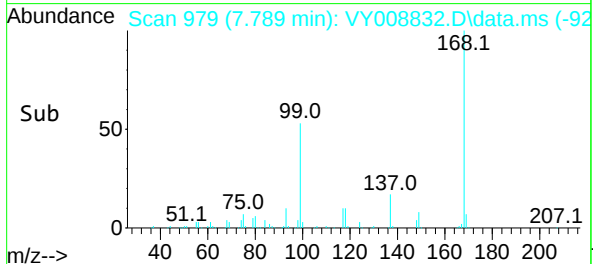
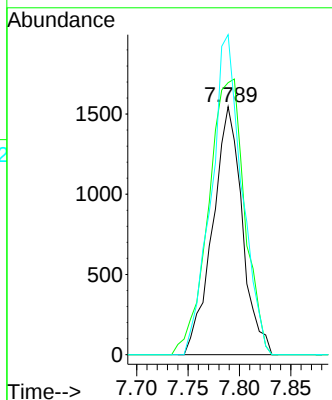
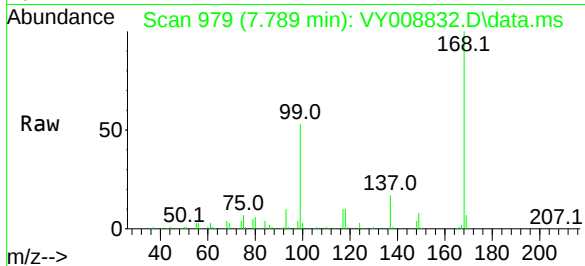




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

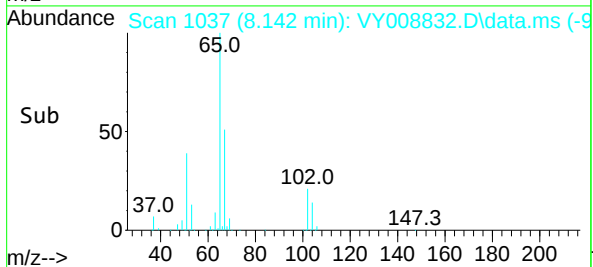
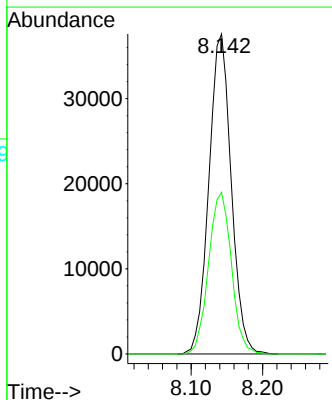
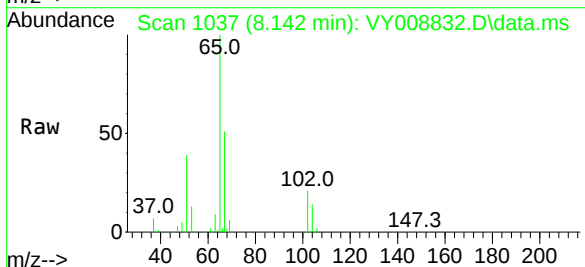
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL02

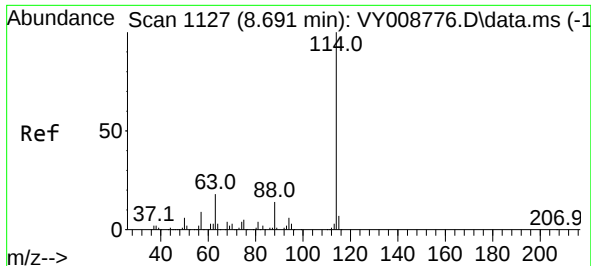
Tgt Ion: 56 Resp: 3094
Ion Ratio Lower Upper
56 100
69 109.7 26.7 40.1#
84 129.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.973 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Tgt Ion: 65 Resp: 81495
Ion Ratio Lower Upper
65 100
67 51.6 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: VY008832.D

Acq: 18 May 2022 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBL02

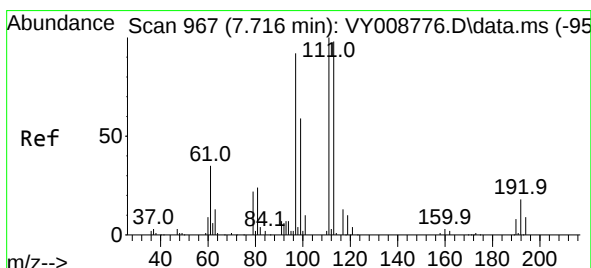
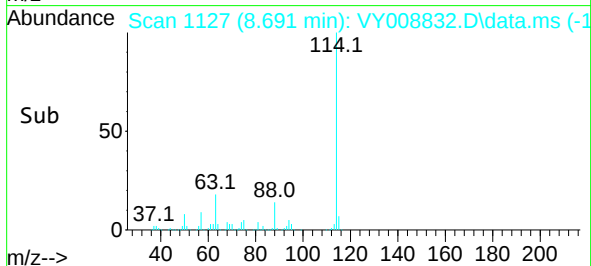
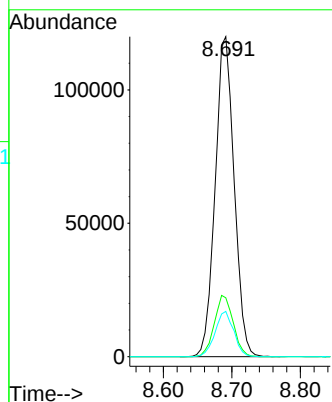
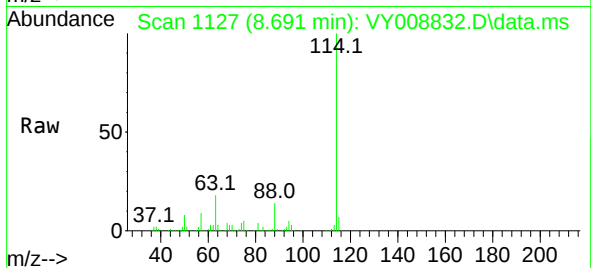
Tgt Ion:114 Resp: 230145

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.909 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008832.D

Acq: 18 May 2022 23:04

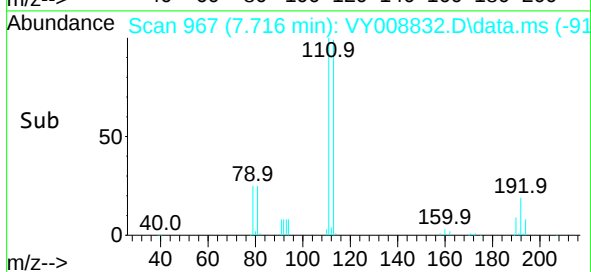
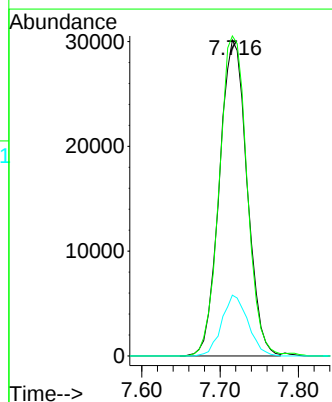
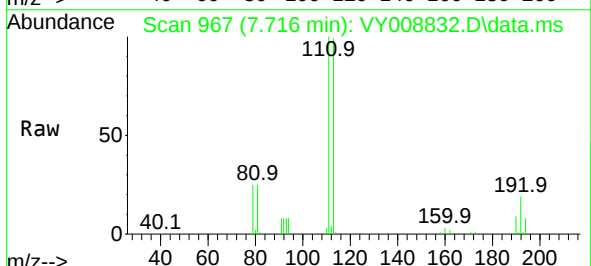
Tgt Ion:113 Resp: 73835

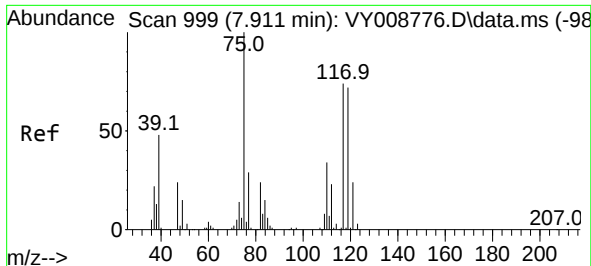
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008832.D

Acq: 18 May 2022 23:04

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VY0518SBL02

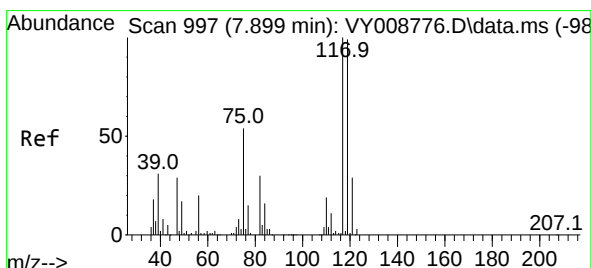
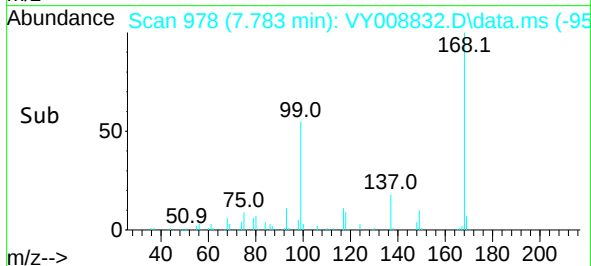
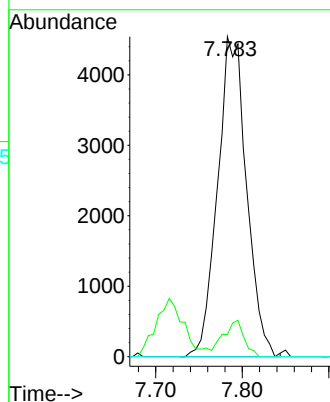
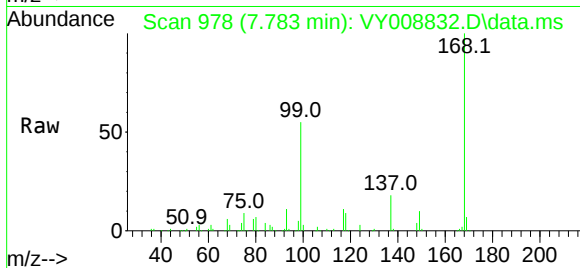
Tgt Ion: 75 Resp: 10548

Ion Ratio Lower Upper

75 100

110 8.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.618 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008832.D

Acq: 18 May 2022 23:04

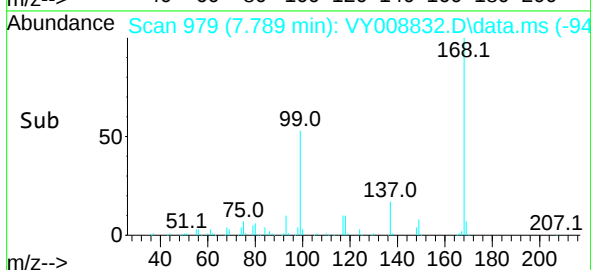
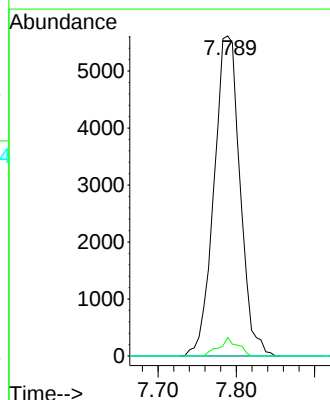
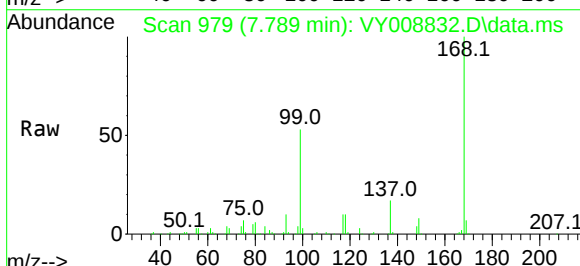
Tgt Ion: 117 Resp: 12968

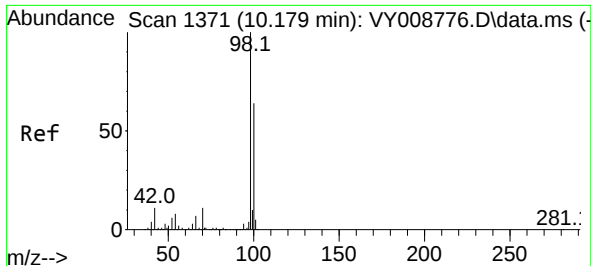
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

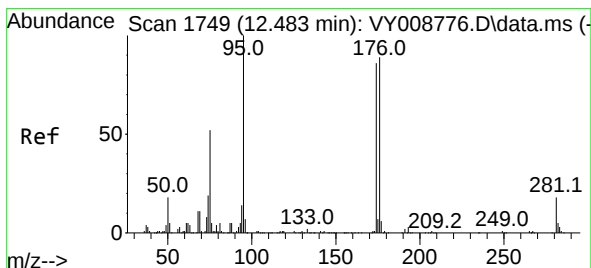
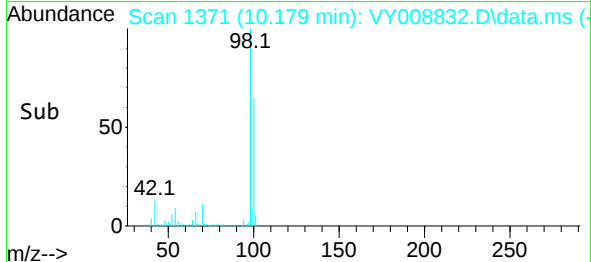
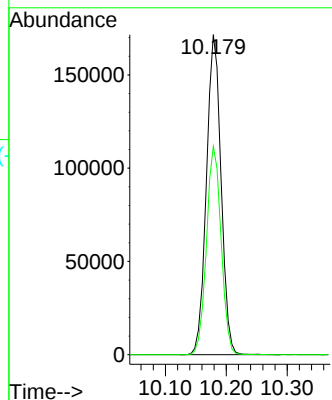
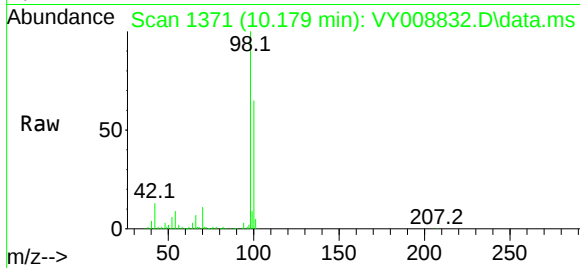




#50
Toluene-d8
Concen: 47.961 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

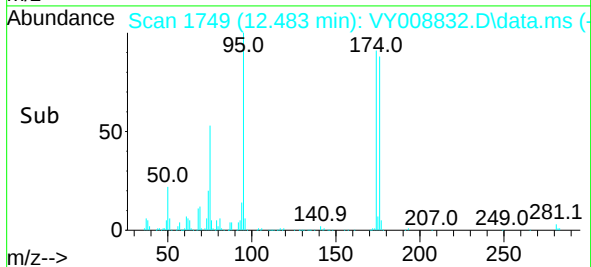
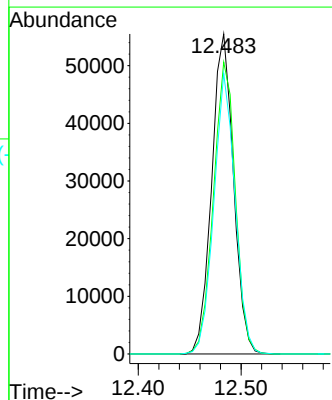
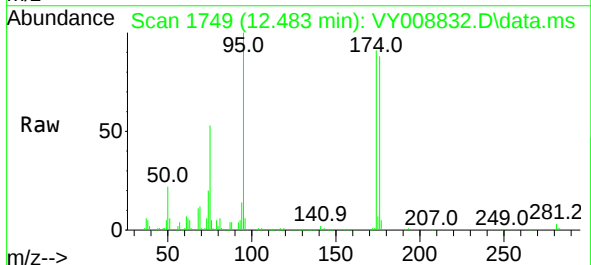
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL02

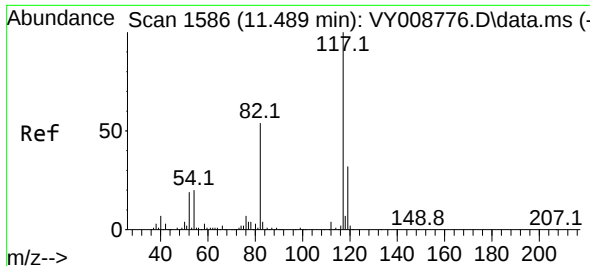
Tgt Ion: 98 Resp: 285842
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.146 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Tgt Ion: 95 Resp: 81765
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 85.3 0.0 175.8

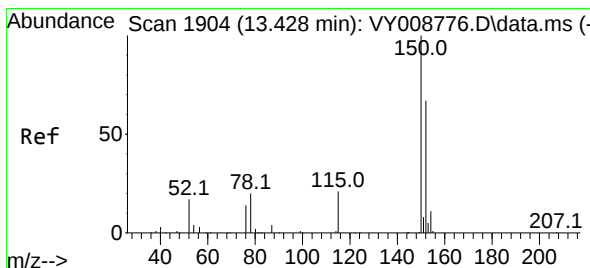
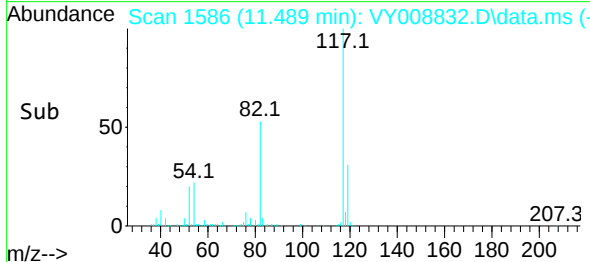
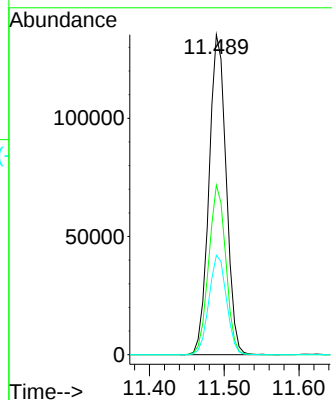
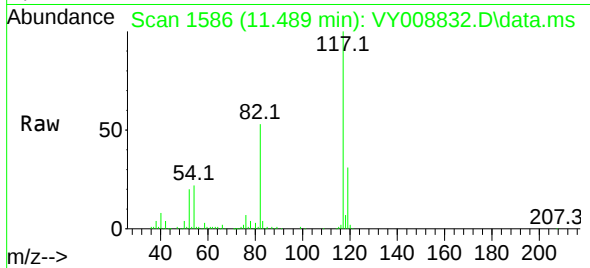




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

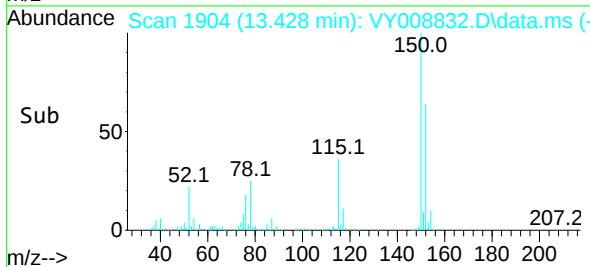
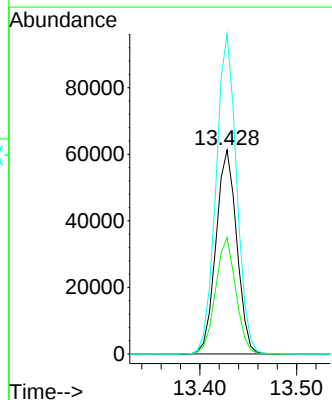
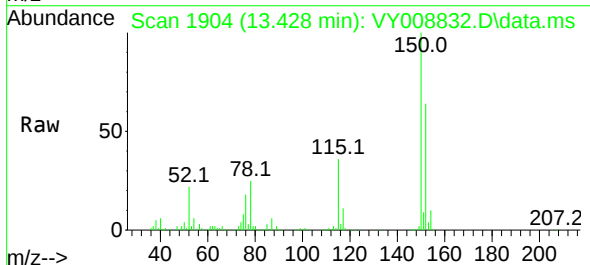
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL02

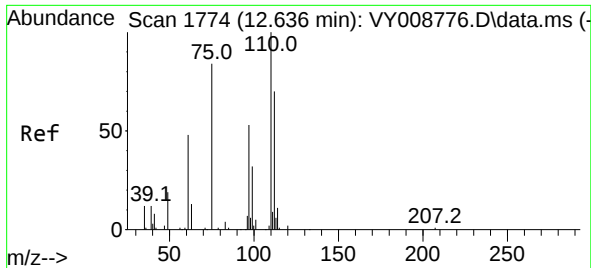
Tgt Ion:117 Resp: 215983
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Tgt Ion:152 Resp: 91420
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 155.1 0.0 347.6

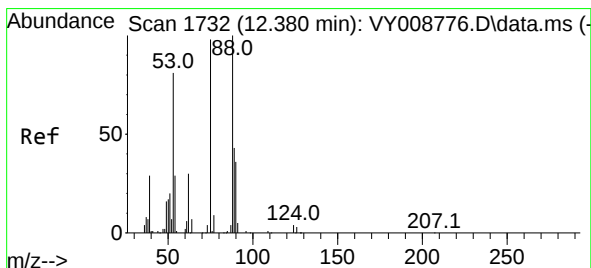
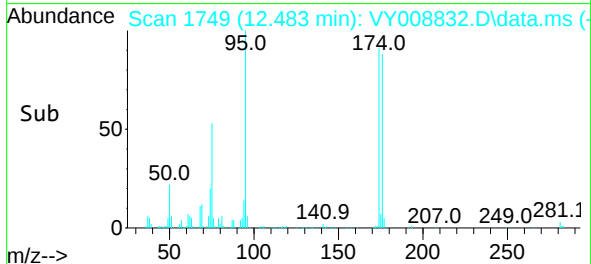
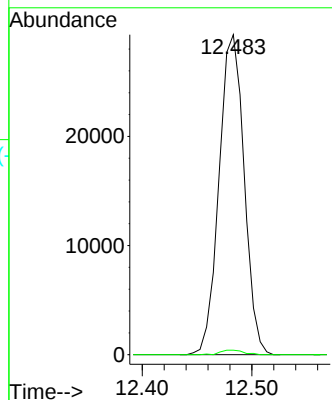
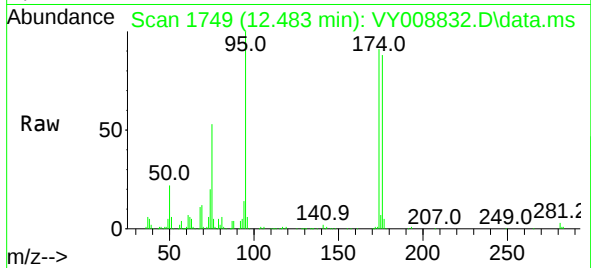




#76
1,2,3-Trichloropropane
Concen: 44.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL02

Tgt Ion: 75 Resp: 46596
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008832.D
Acq: 18 May 2022 23:04

Tgt Ion: 75 Resp: 46596
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

