

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009133.D
 Acq On : 02 Jun 2022 17:35
 Operator : KP/MD
 Sample : N3143-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

Quant Time: Jun 03 03:13:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

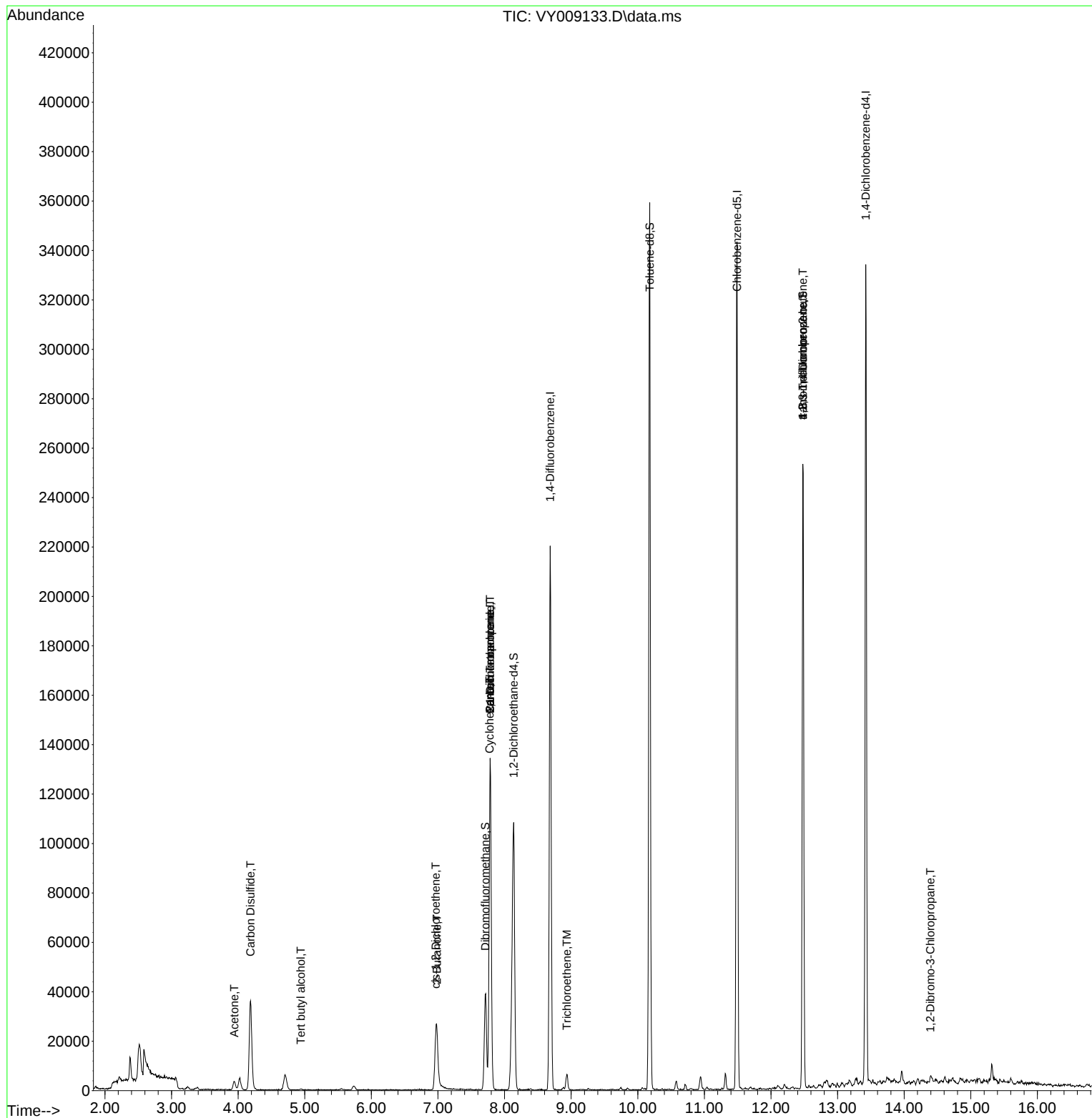
Internal Standards						
1) Pentafluorobenzene	7.783	168	99886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	175430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	67355	65.520	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.040%			
35) Dibromofluoromethane	7.710	113	26164	23.395	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 46.780%#			
50) Toluene-d8	10.179	98	226595	54.921	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.840%			
62) 4-Bromofluorobenzene	12.477	95	67442	40.523	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	315	3.021	ug/l #	77
16) Acetone	3.942	43	5892	27.534	ug/l	99
17) Carbon Disulfide	4.186	76	68368	22.274	ug/l	100
20) Methylene Chloride	4.704	84	4479	Below Cal	#	77
25) 2-Butanone	6.984	43	2419	6.329	ug/l #	81
27) cis-1,2-Dichloroethene	6.966	96	3637	2.676	ug/l	93
31) Cyclohexane	7.777	56	2575	1.280	ug/l #	31
36) 1,1-Dichloropropene	7.783	75	9031	4.745	ug/l #	50
38) Carbon Tetrachloride	7.783	117	10210	5.128	ug/l #	16
44) Trichloroethene	8.935	130	2198	1.513	ug/l	94
76) 1,2,3-Trichloropropane	12.477	75	38733	45.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38733	93.009	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.392	75	600	3.152	ug/l #	6

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

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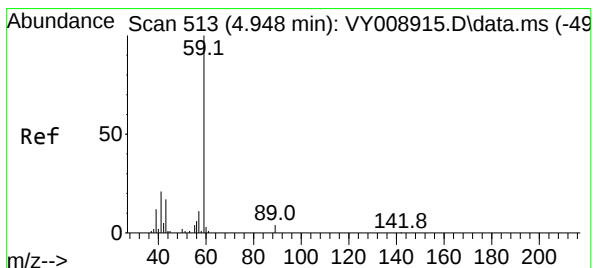
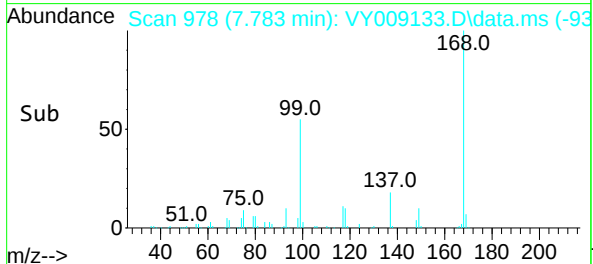
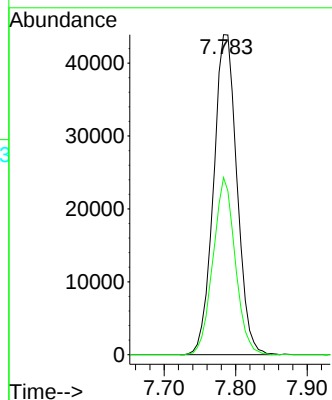
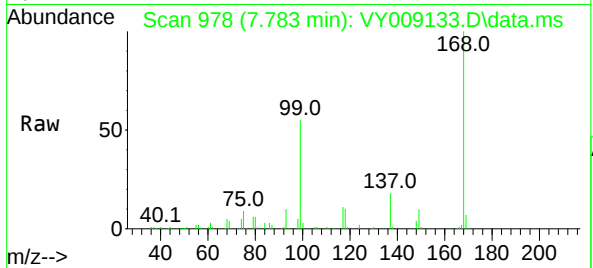




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

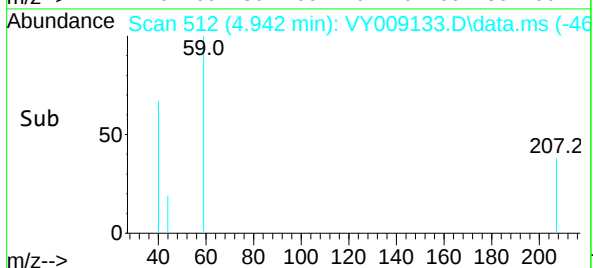
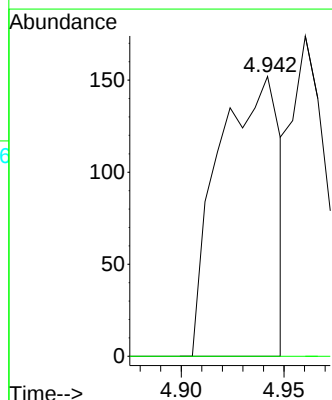
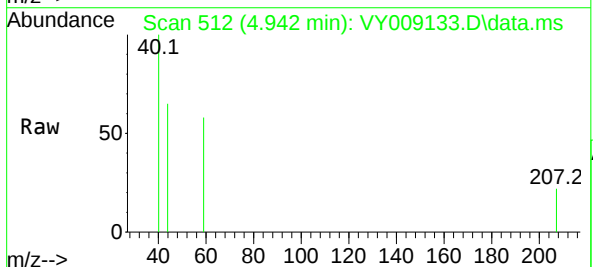
Instrument :
MSVOA_Y
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

Tgt Ion:168 Resp: 99886
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.021 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

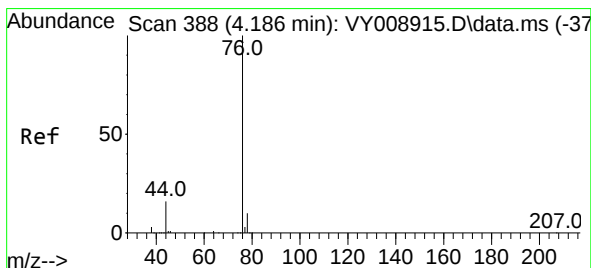
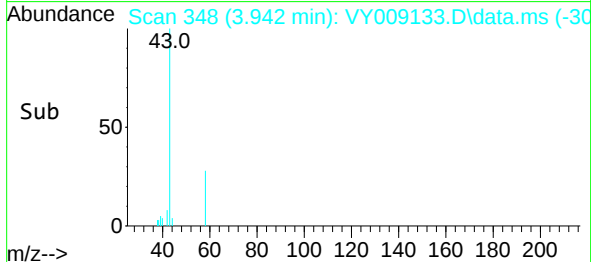
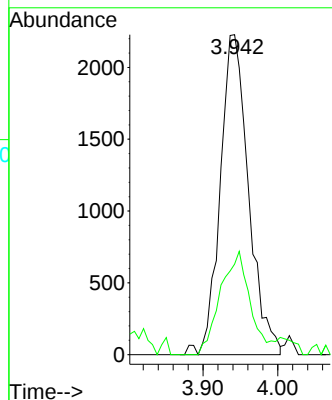
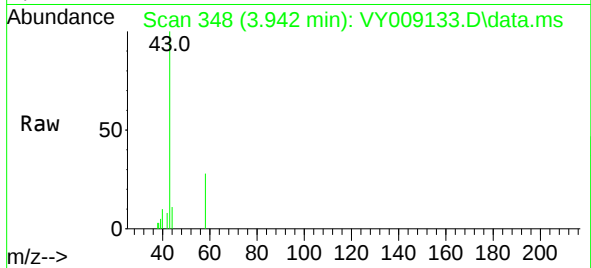




#16
Acetone
Concen: 27.534 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

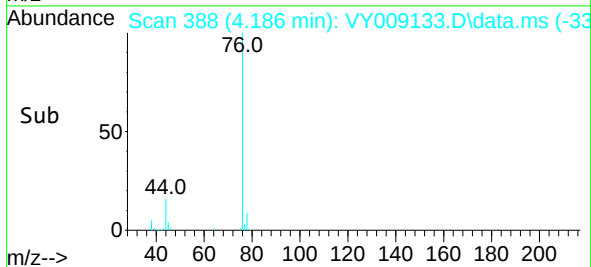
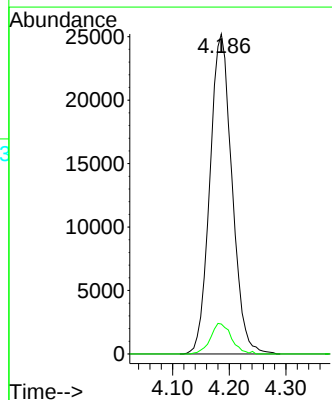
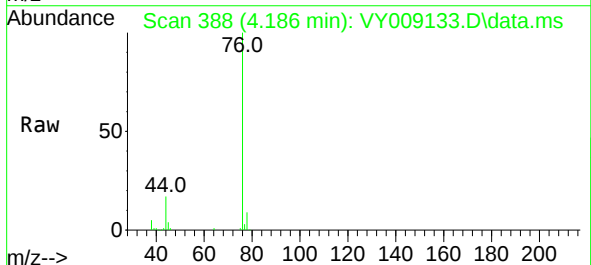
Instrument : MSVOA_Y
ClientSampleId : 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

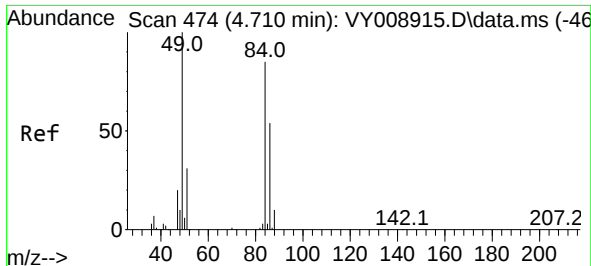
Tgt Ion: 43 Resp: 5892
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0



#17
Carbon Disulfide
Concen: 22.274 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 76 Resp: 68368
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

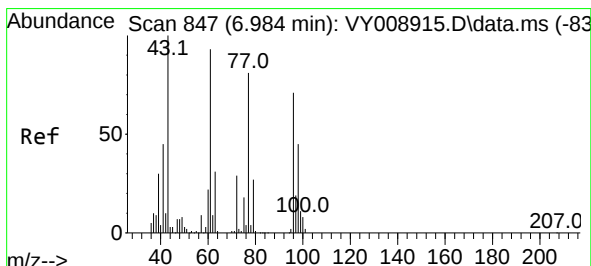
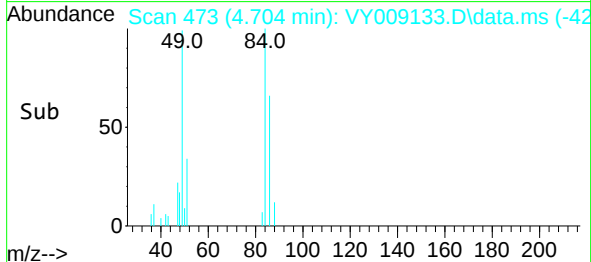
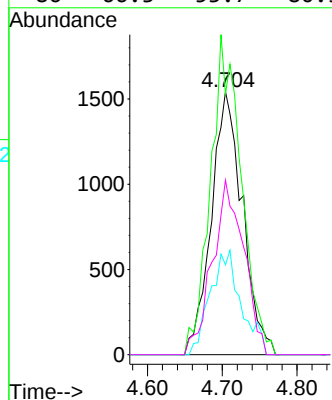
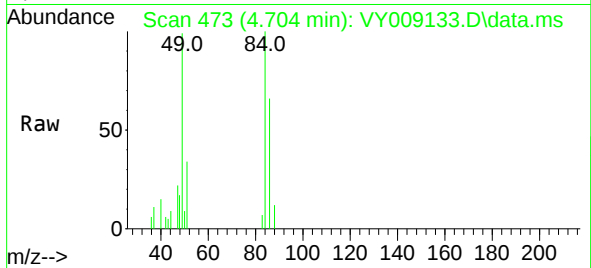




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

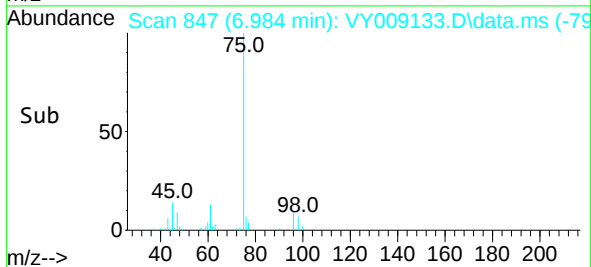
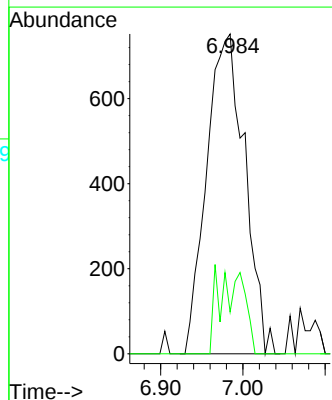
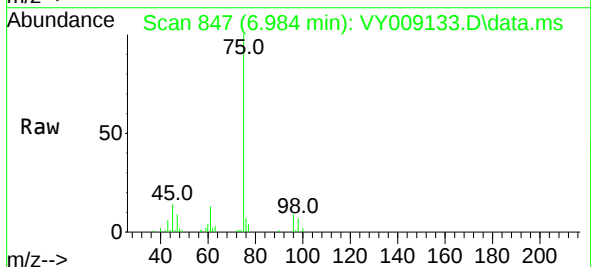
Instrument :
MSVOA_Y
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

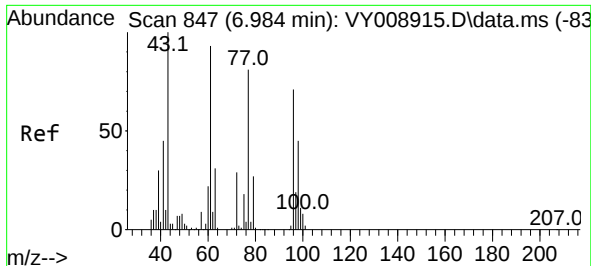
Tgt Ion: 84 Resp: 4479
Ion Ratio Lower Upper
84 100
49 99.2 114.4 171.6#
51 34.2 35.3 52.9#
86 66.3 53.7 80.5



#25
2-Butanone
Concen: 6.329 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 43 Resp: 2419
Ion Ratio Lower Upper
43 100
72 13.0 17.7 26.5#





#27

cis-1,2-Dichloroethene

Concen: 2.676 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY009133.D

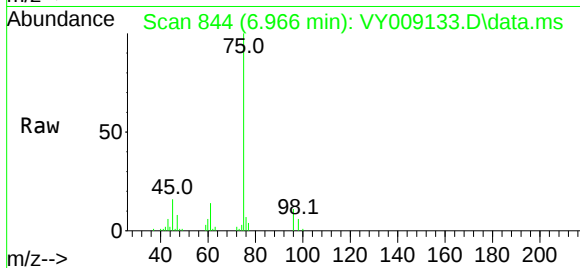
Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

20220427-AMENDED-SB-8-(DISCRETE-COMP-G)



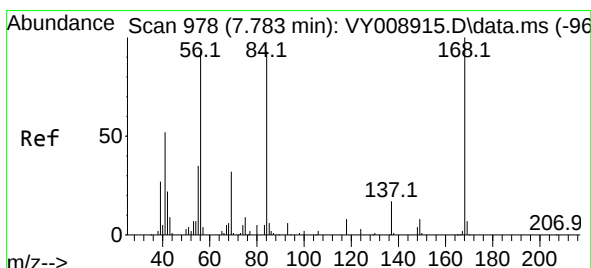
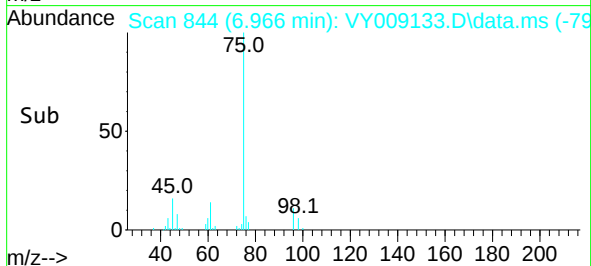
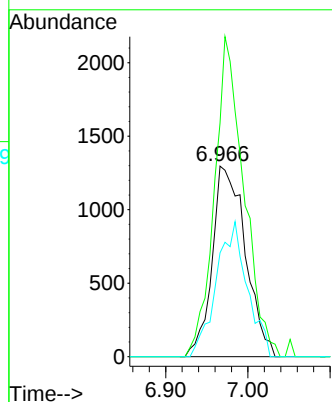
Tgt Ion: 96 Resp: 3637

Ion Ratio Lower Upper

96 100

61 149.2 0.0 319.8

98 65.9 0.0 127.0



#31

Cyclohexane

Concen: 1.280 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY009133.D

Acq: 02 Jun 2022 17:35

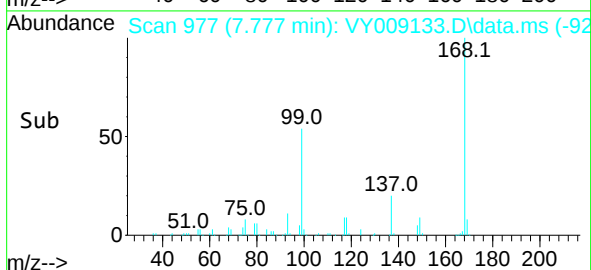
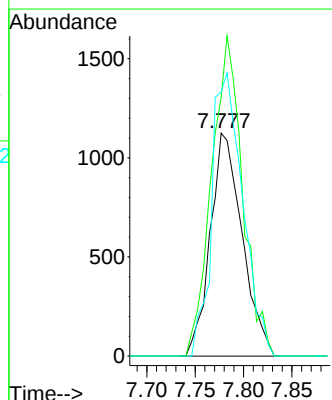
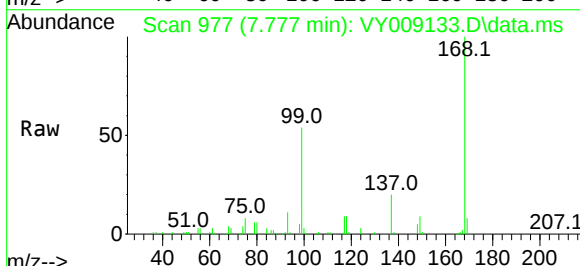
Tgt Ion: 56 Resp: 2575

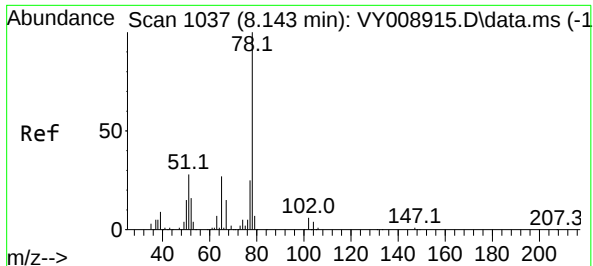
Ion Ratio Lower Upper

56 100

69 115.9 26.7 40.1#

84 118.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.520 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY009133.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

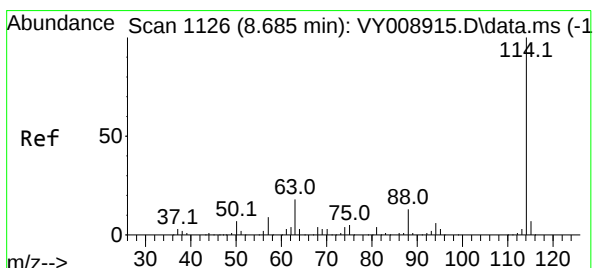
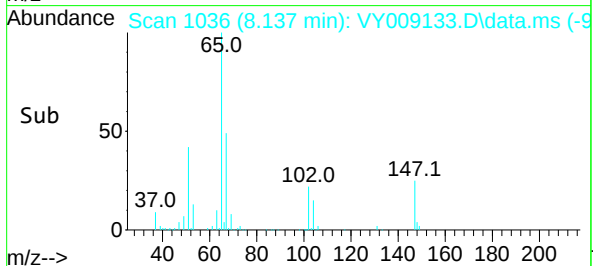
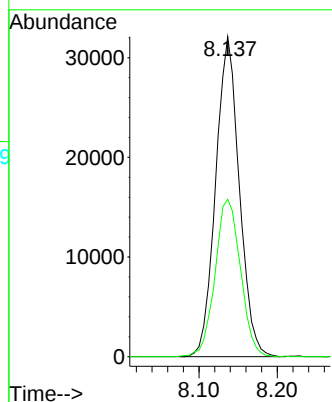
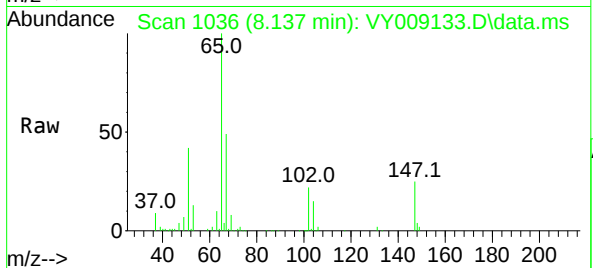
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

Tgt Ion: 65 Resp: 67355

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009133.D

Acq: 02 Jun 2022 17:35

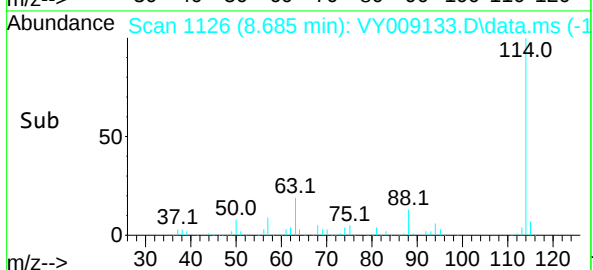
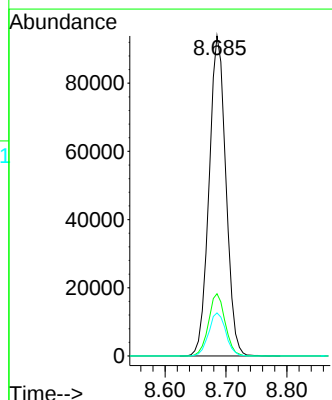
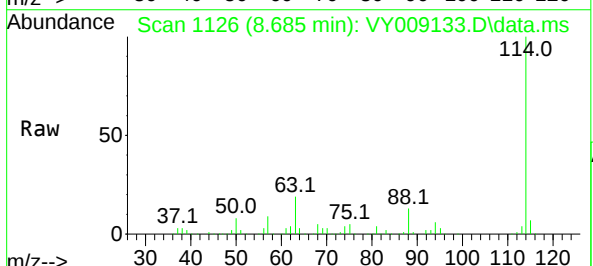
Tgt Ion: 114 Resp: 179847

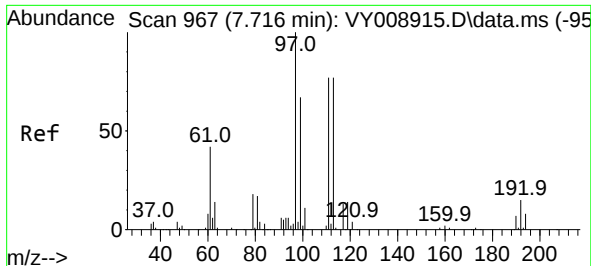
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63 19.5 0.0 43.2

88 13.4 0.0 31.8

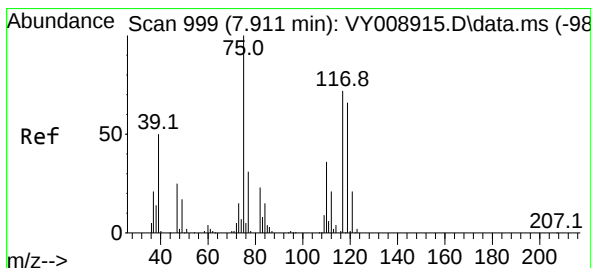
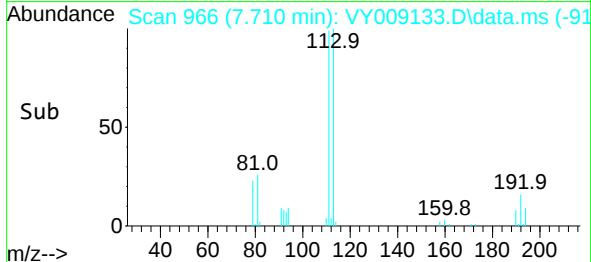
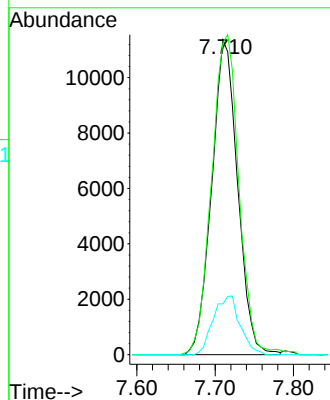
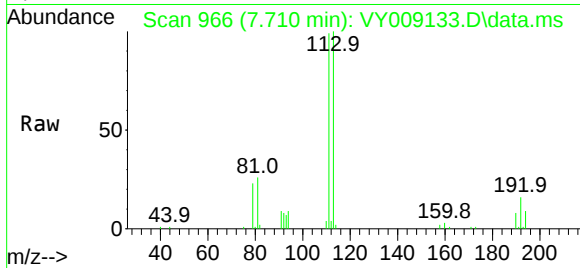




#35
Dibromofluoromethane
Concen: 23.395 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

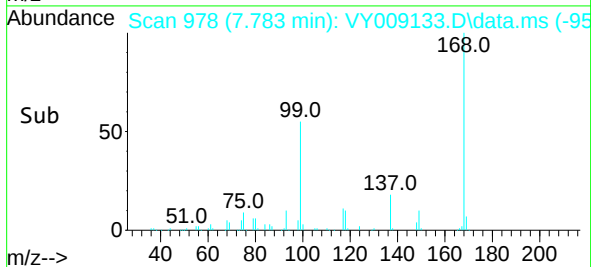
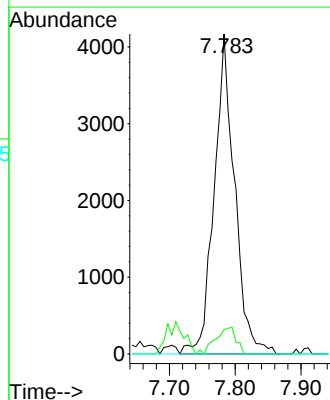
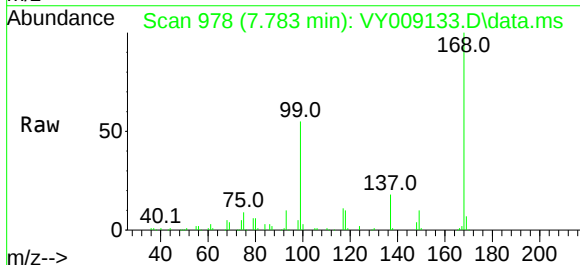
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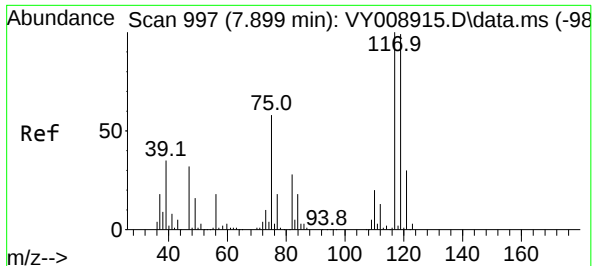
Tgt Ion:113 Resp: 26164
Ion Ratio Lower Upper
113 100
111 107.2 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 75 Resp: 9031
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

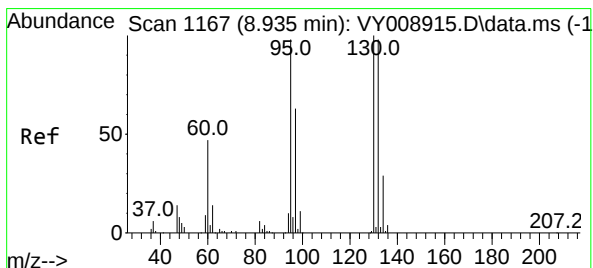
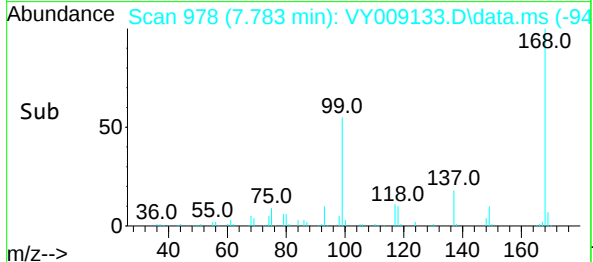
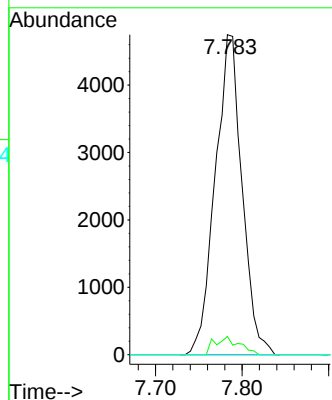
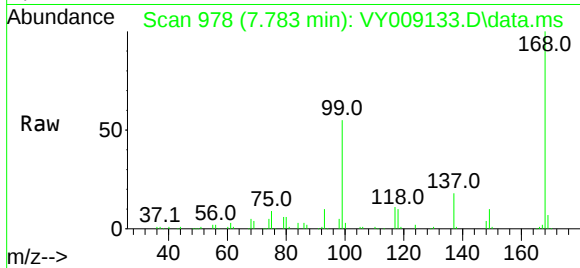




#38
Carbon Tetrachloride
Concen: 5.128 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

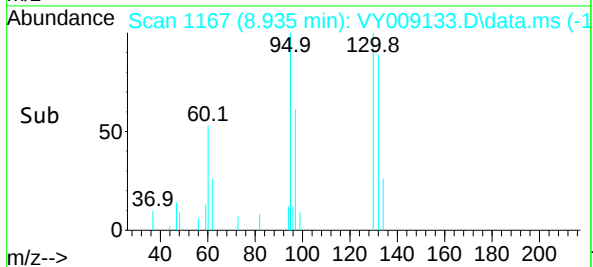
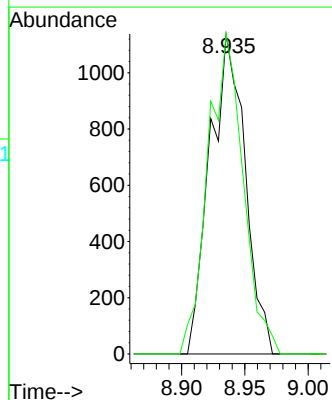
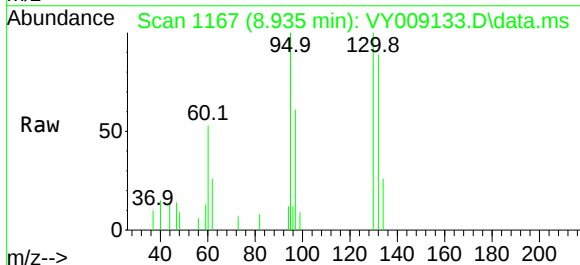
Instrument : MSVOA_Y
ClientSampleId : 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

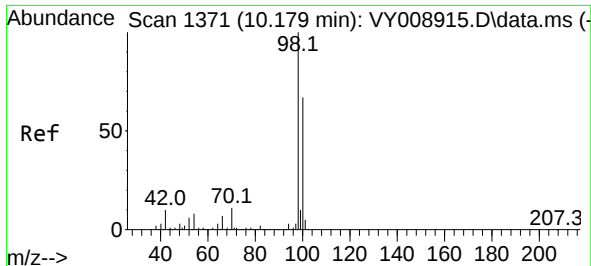
Tgt Ion:117 Resp: 10210
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.513 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion:130 Resp: 2198
Ion Ratio Lower Upper
130 100
95 100.2 0.0 188.2

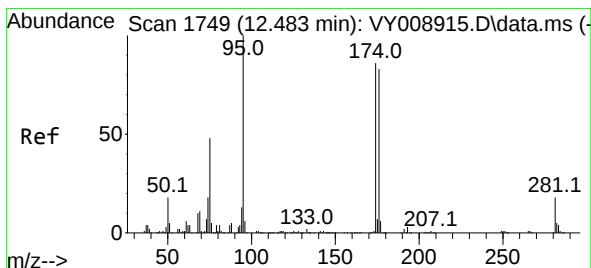
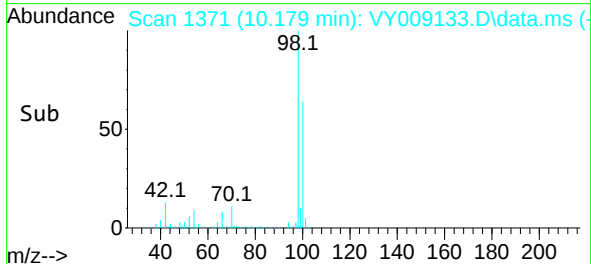
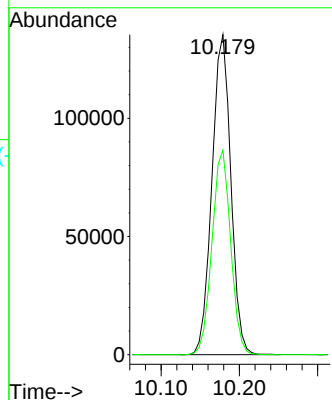
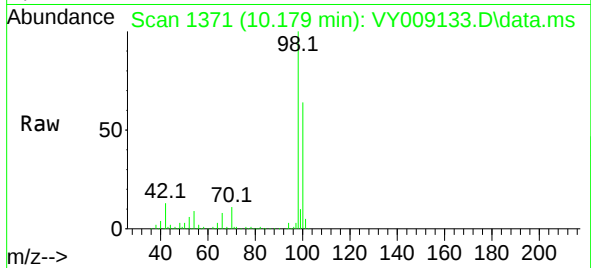




#50
Toluene-d8
Concen: 54.921 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

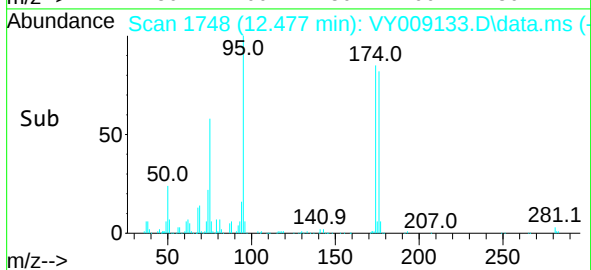
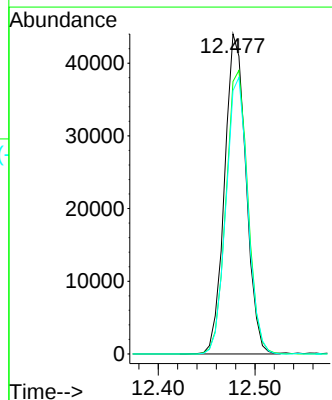
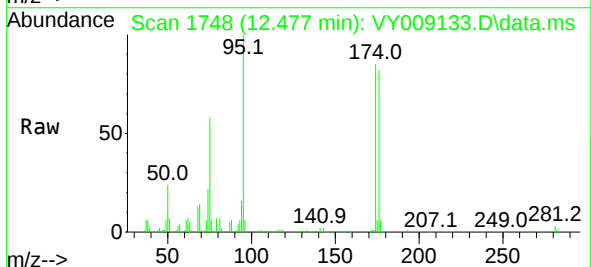
Instrument :
MSVOA_Y
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

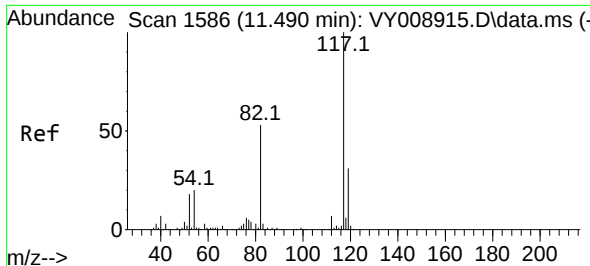
Tgt Ion: 98 Resp: 226595
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.523 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 95 Resp: 67442
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 87.9 0.0 175.8

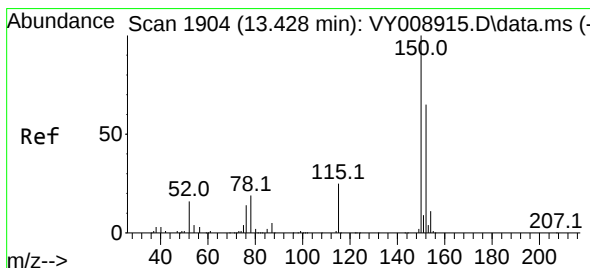
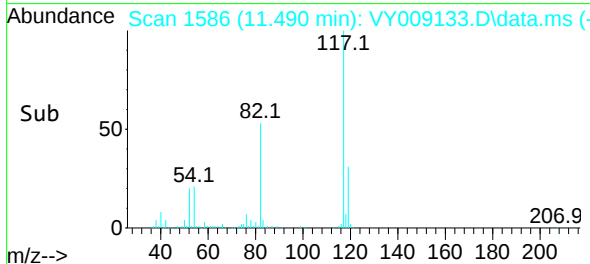
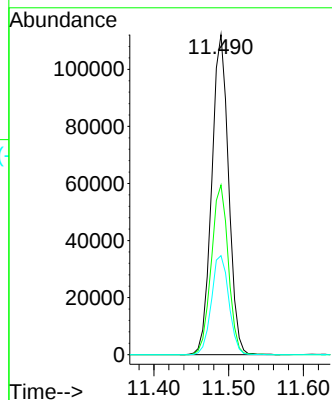
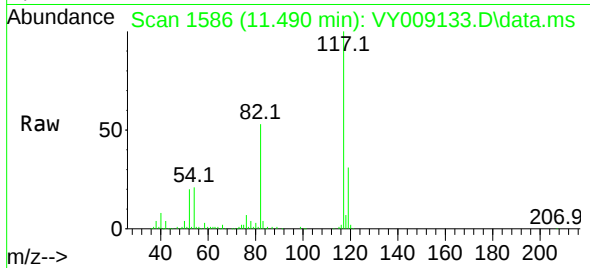




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

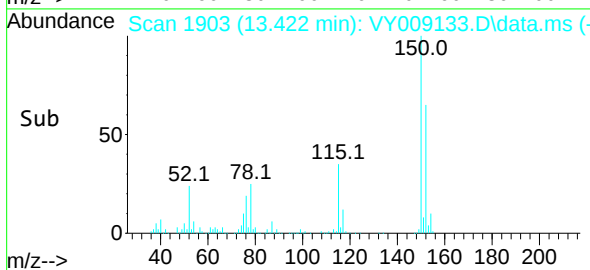
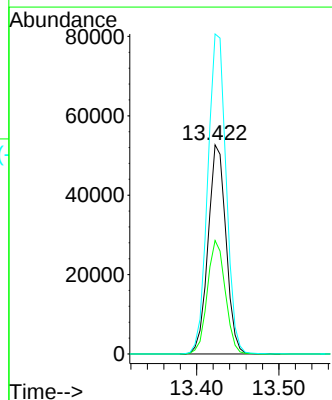
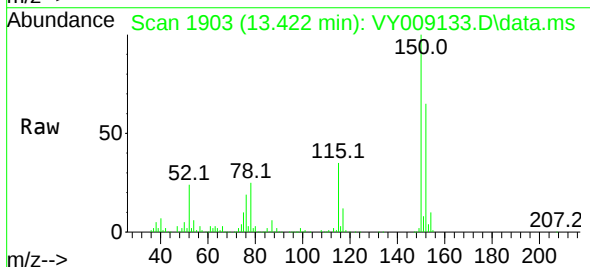
Instrument : MSVOA_Y
ClientSampleId : 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

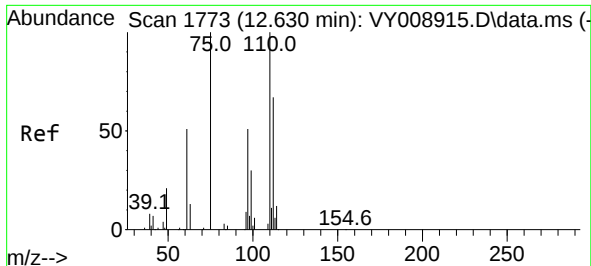
Tgt Ion:117 Resp: 175430
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion:152 Resp: 79595
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.1 0.0 347.6

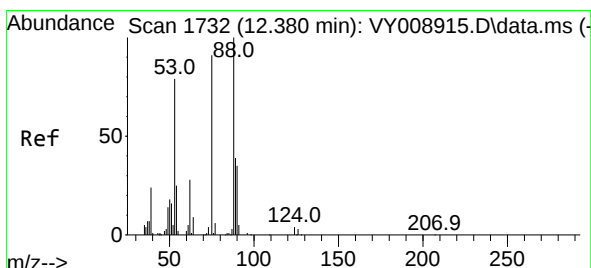
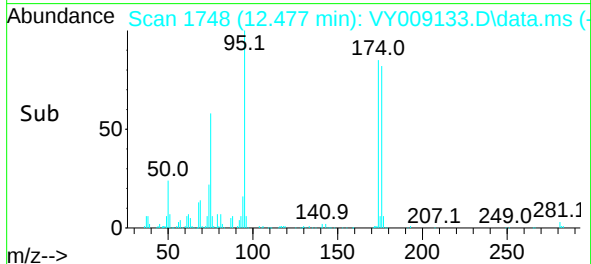
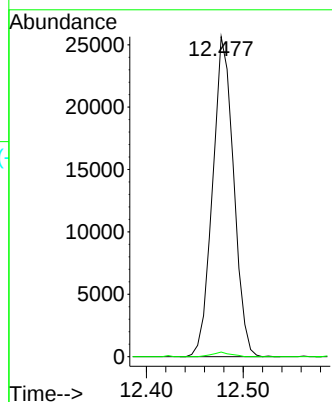
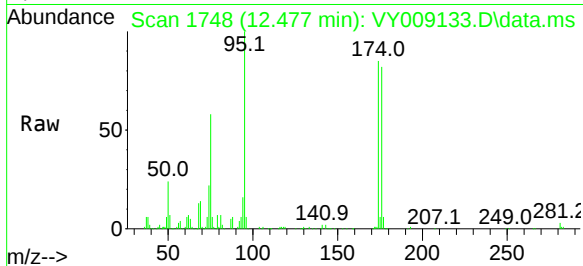




#76
1,2,3-Trichloropropane
Concen: 45.315 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

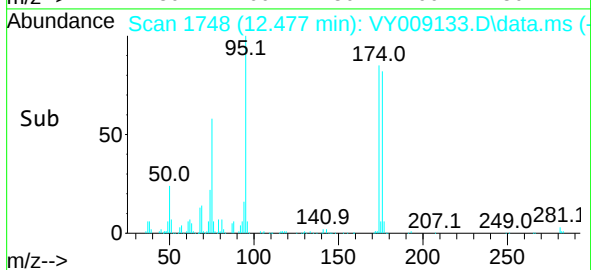
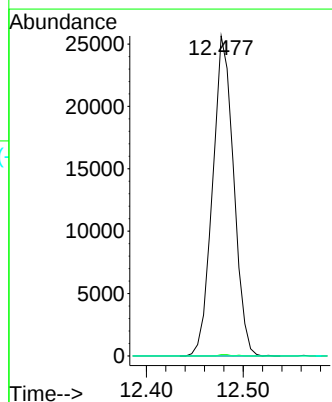
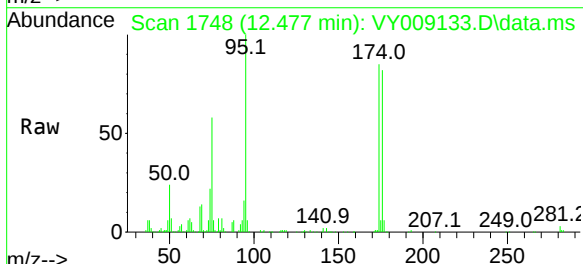
Instrument : MSVOA_Y
ClientSampleId : 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

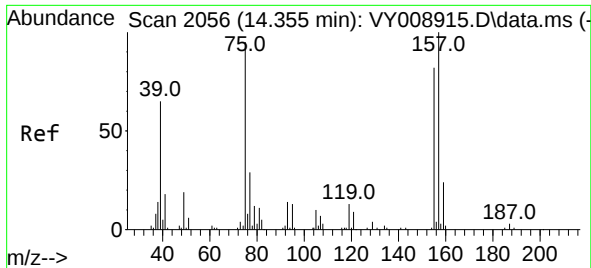
Tgt Ion: 75 Resp: 38733
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009133.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 75 Resp: 38733
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.152 ug/l

RT: 14.392 min Scan# 2056

Delta R.T. 0.037 min

Lab File: VY009133.D

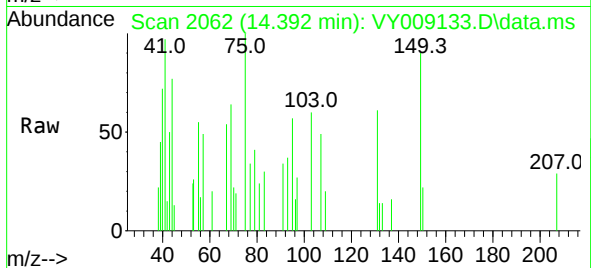
Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

20220427-AMENDED-SB-8-(DISCRETE-COMP-G)



Tgt Ion: 75 Resp: 600

Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 0.0 47.8 143.3#

