

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009130.D
 Acq On : 02 Jun 2022 16:23
 Operator : KP/MD
 Sample : N3143-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220392-SB-8-(DISCRETE-COMP-G)

Quant Time: Jun 03 03:12:58 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)

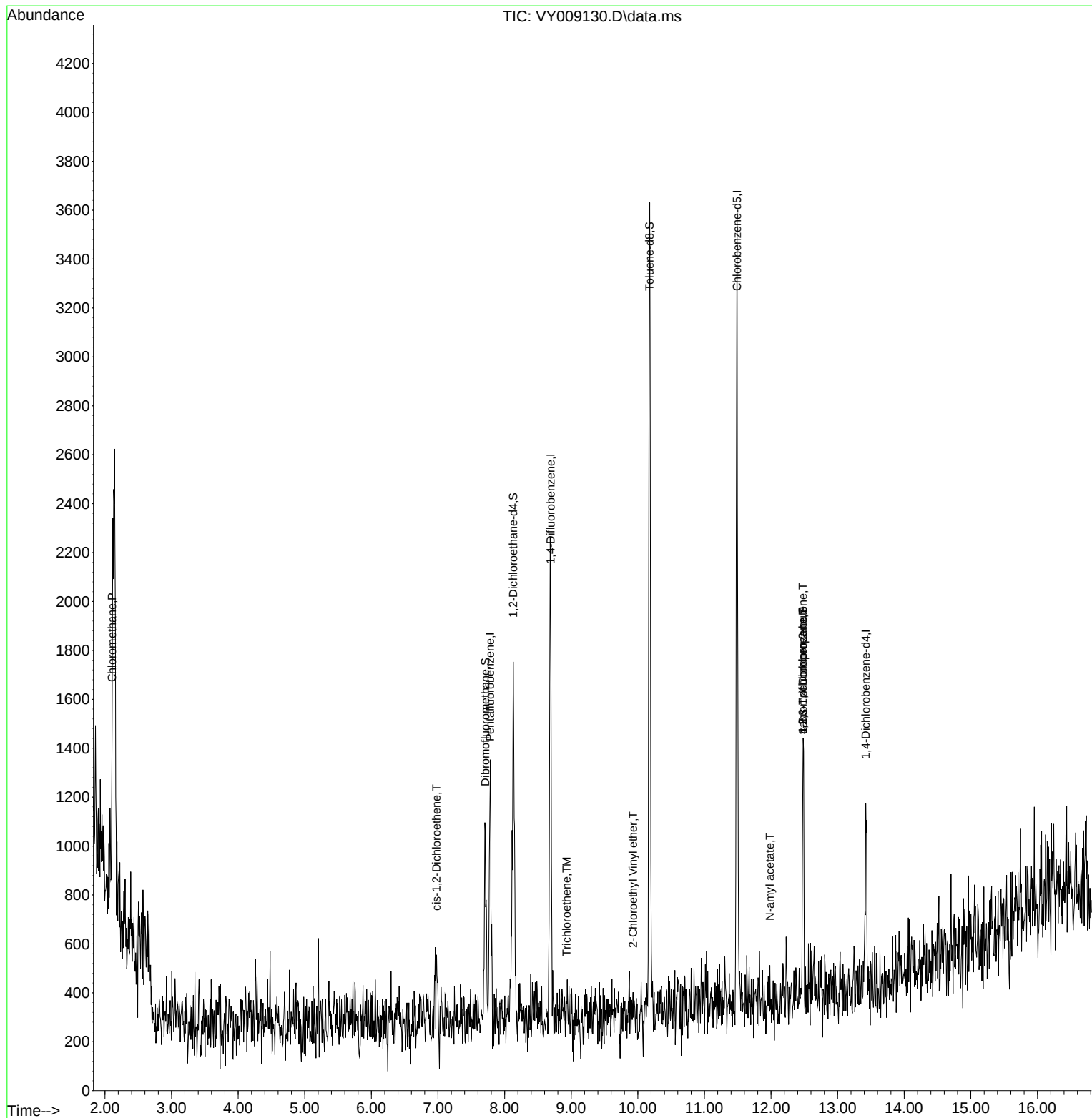
Internal Standards						
1) Pentafluorobenzene	7.783	168	1153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1023	86.209	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.420%#	
35) Dibromofluoromethane	7.710	113	693	53.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.179	98	2246	47.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.780%	
62) 4-Bromofluorobenzene	12.477	95	455	23.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 47.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	85	5.626	ug/l #	44
27) cis-1,2-Dichloroethene	6.978	96	145	9.241	ug/l #	26
44) Trichloroethene	8.929	130	27	1.617	ug/l	3
58) 2-Chloroethyl Vinyl ether	9.929	63	23	3.088	ug/l #	48
74) N-amyl acetate	11.983	43	23	4.744	ug/l #	47
76) 1,2,3-Trichloropropane	12.477	75	227	75.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	227	154.400	ug/l #	7

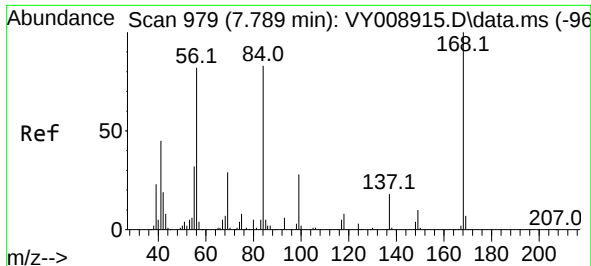
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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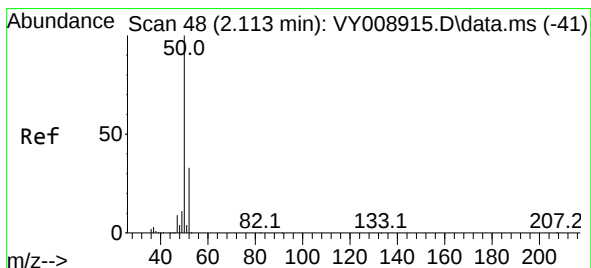
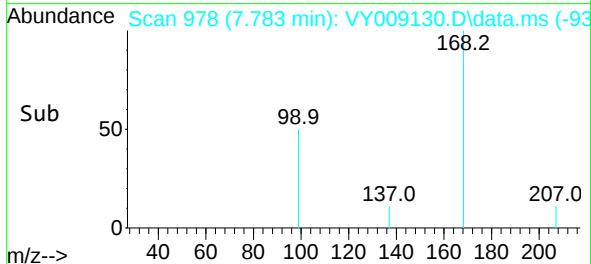
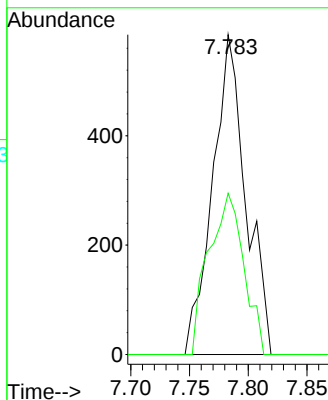
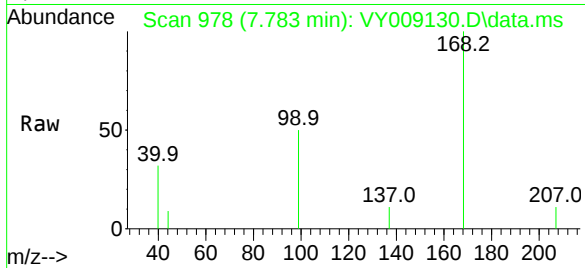




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

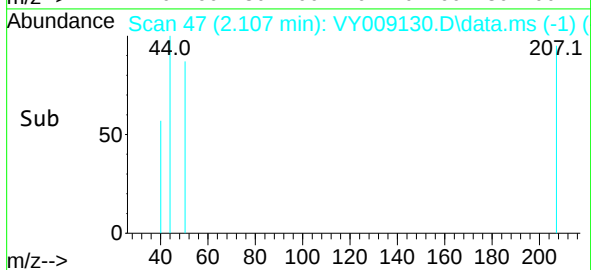
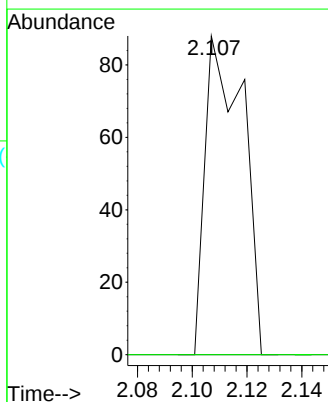
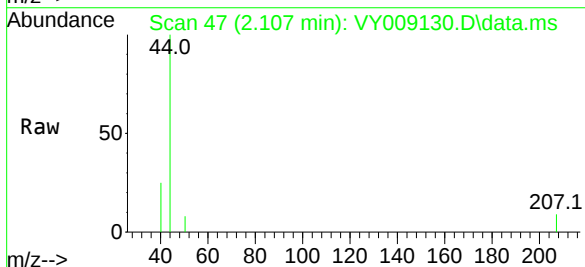
Instrument : MSVOA_Y
ClientSampleId : 20220392-SB-8-(DISCRETE-COMP-G)

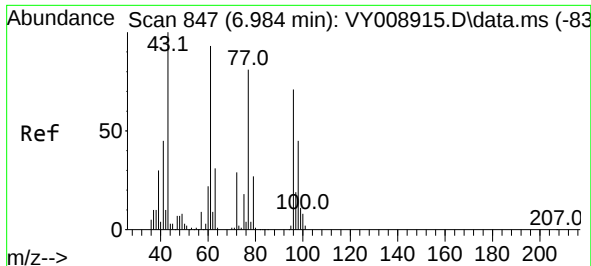
Tgt Ion:168 Resp: 1153
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#3
Chloromethane
Concen: 5.626 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Tgt Ion: 50 Resp: 85
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

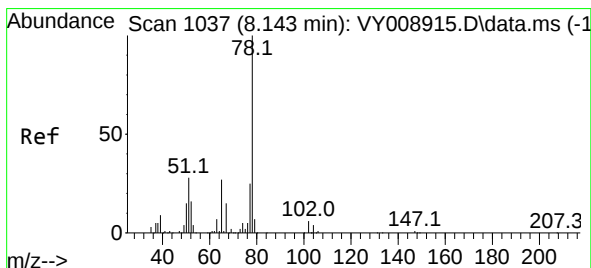
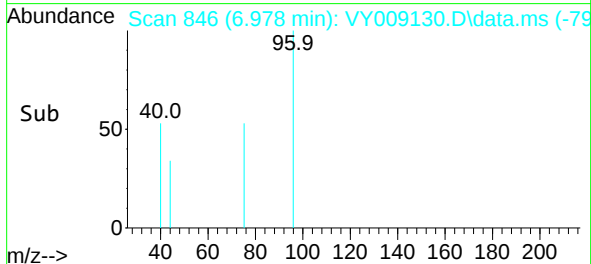
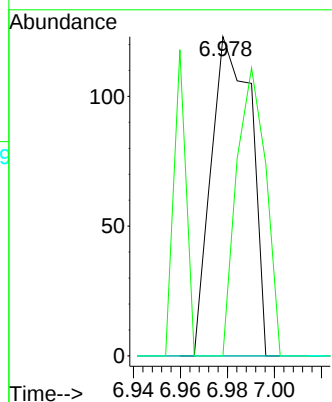
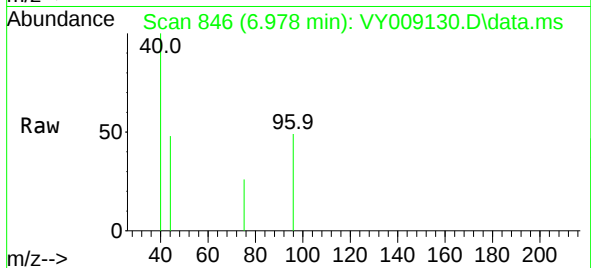




#27
cis-1,2-Dichloroethene
Concen: 9.241 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

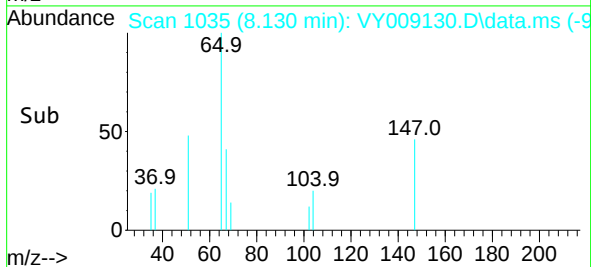
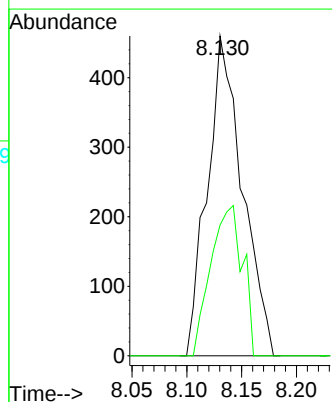
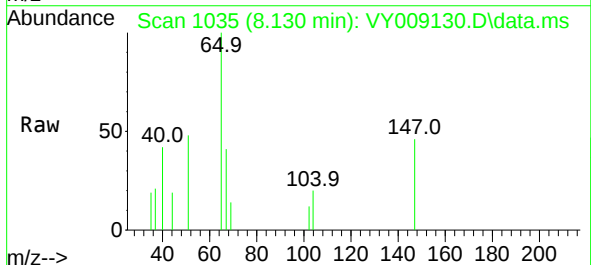
Instrument :
MSVOA_Y
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

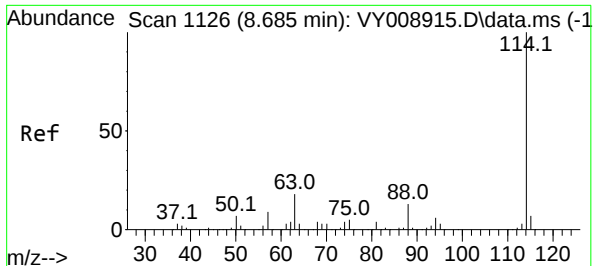
Tgt Ion: 96 Resp: 145
Ion Ratio Lower Upper
96 100
61 65.5 0.0 319.8
98 0.0 0.0 127.0



#33
1,2-Dichloroethane-d4
Concen: 86.209 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.013 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Tgt Ion: 65 Resp: 1023
Ion Ratio Lower Upper
65 100
67 42.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009130.D

Acq: 02 Jun 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

20220392-SB-8-(DISCRETE-COMP-G)

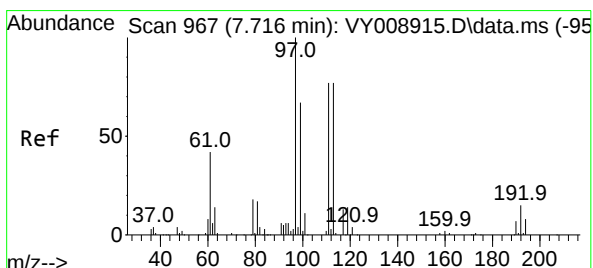
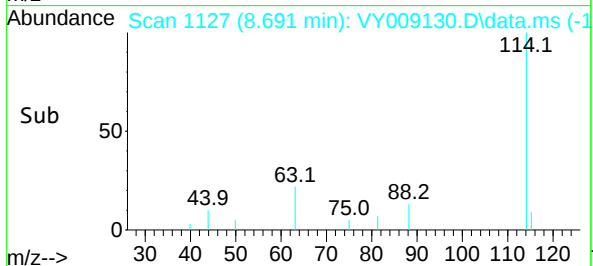
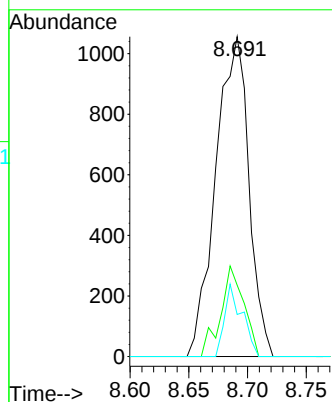
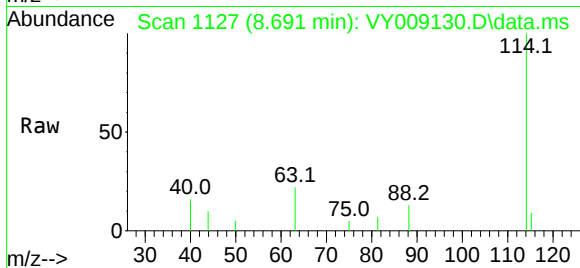
Tgt Ion:114 Resp: 2066

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.942 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009130.D

Acq: 02 Jun 2022 16:23

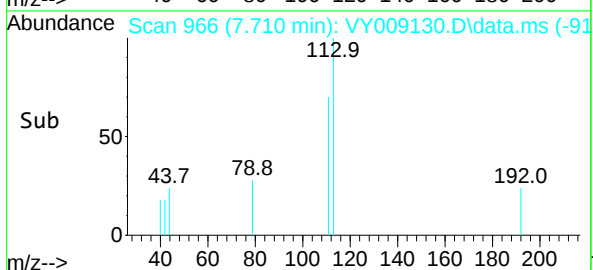
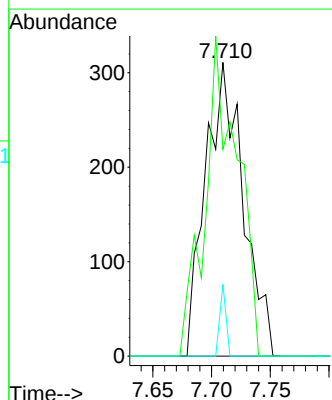
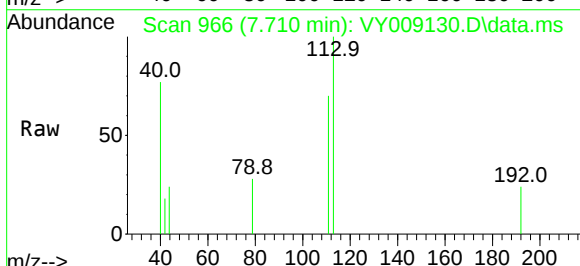
Tgt Ion:113 Resp: 693

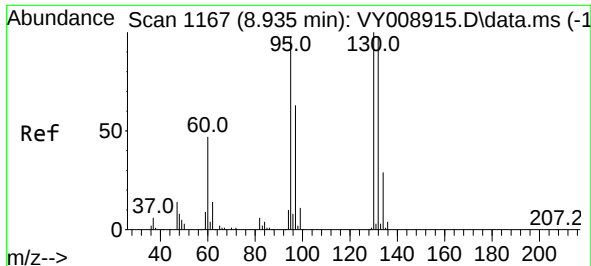
Ion Ratio Lower Upper

113 100

111 94.4 82.6 124.0

192 4.0 17.6 26.4#

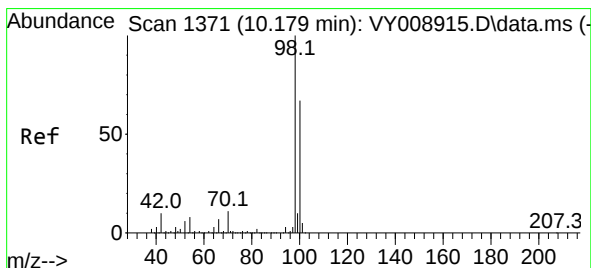
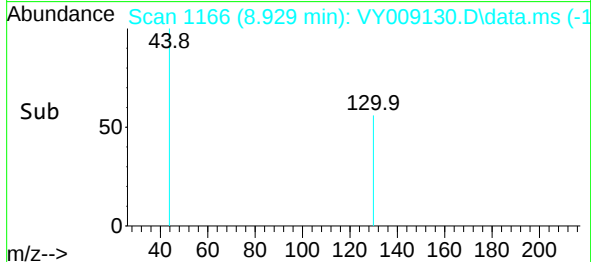
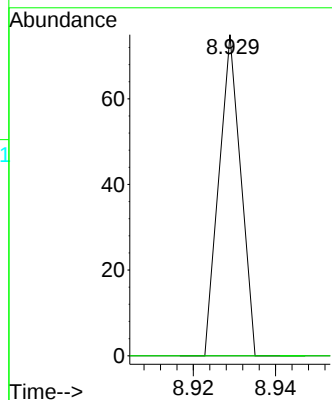
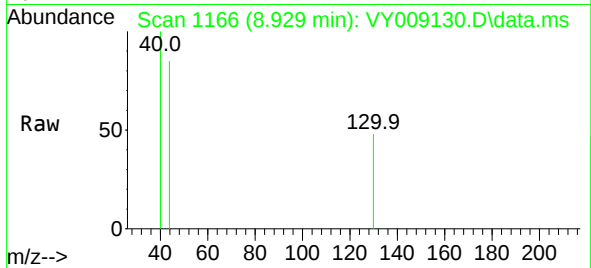




#44
Trichloroethene
Concen: 1.617 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

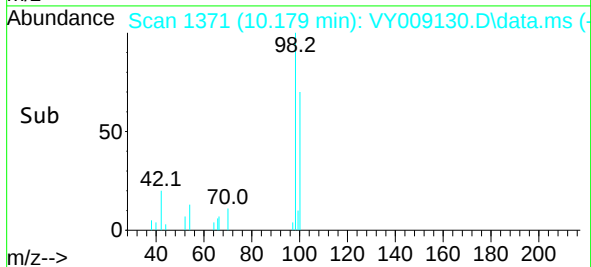
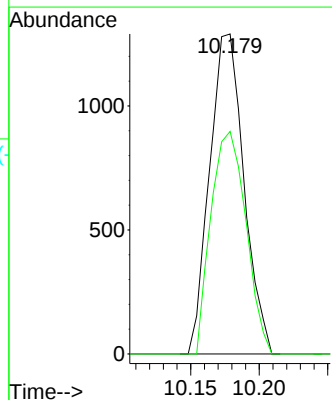
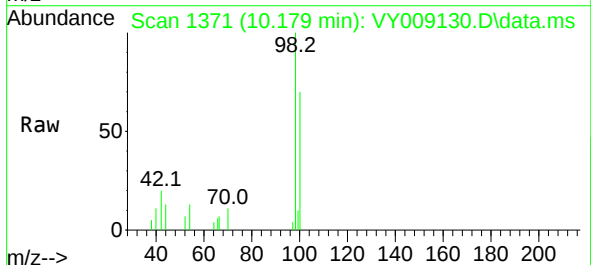
Instrument : MSVOA_Y
ClientSampleId : 20220392-SB-8-(DISCRETE-COMP-G)

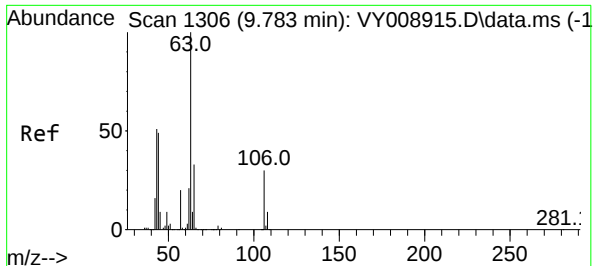
Tgt Ion:130 Resp: 27
Ion Ratio Lower Upper
130 100
95 0.0 0.0 188.2



#50
Toluene-d8
Concen: 47.389 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Tgt Ion: 98 Resp: 2246
Ion Ratio Lower Upper
98 100
100 70.7 50.2 75.2





#58

2-Chloroethyl Vinyl ether

Concen: 3.088 ug/l

RT: 9.929 min Scan# 11

Delta R.T. 0.146 min

Lab File: VY009130.D

Acq: 02 Jun 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

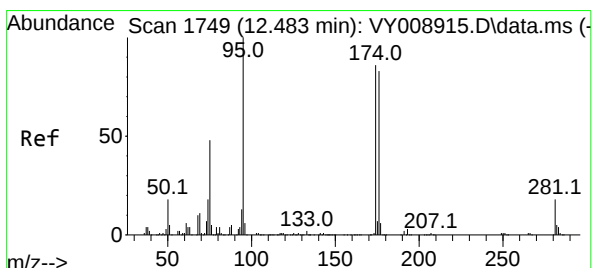
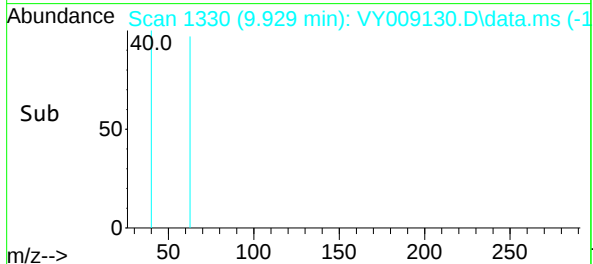
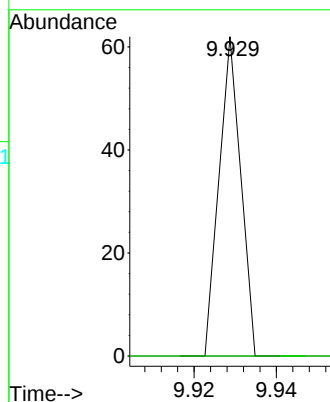
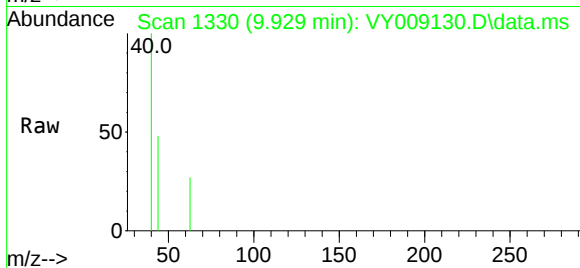
20220392-SB-8-(DISCRETE-COMP-G)

Tgt Ion: 63 Resp: 23

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#



#62

4-Bromofluorobenzene

Concen: 23.799 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY009130.D

Acq: 02 Jun 2022 16:23

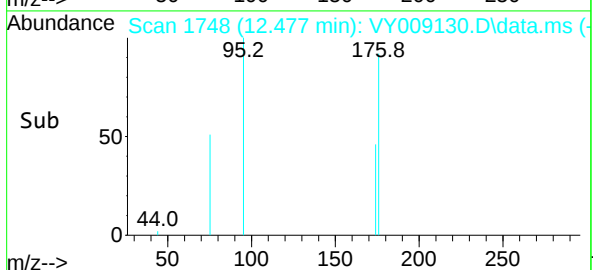
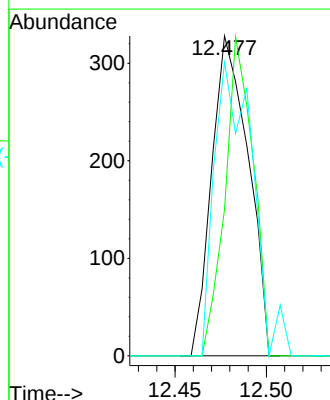
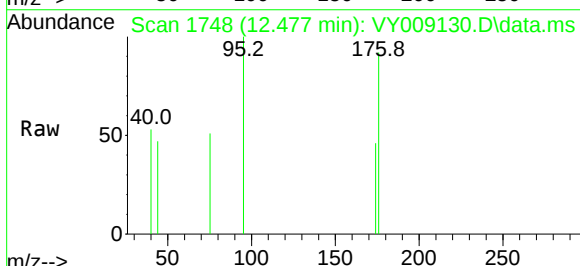
Tgt Ion: 95 Resp: 455

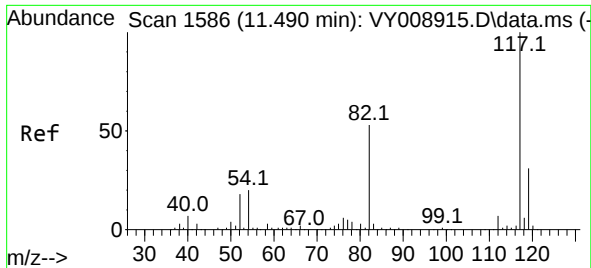
Ion Ratio Lower Upper

95 100

174 77.1 0.0 177.0

176 95.8 0.0 175.8

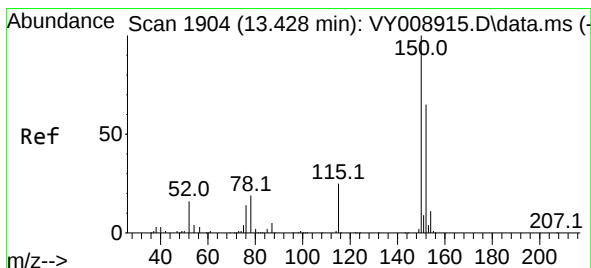
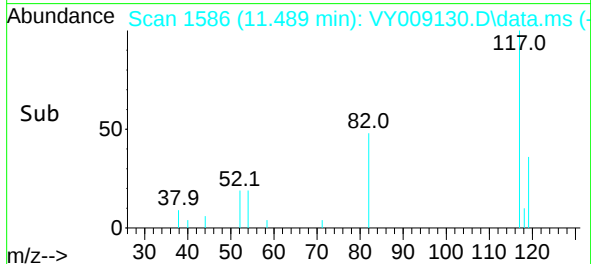
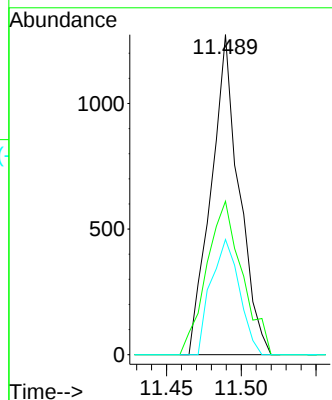
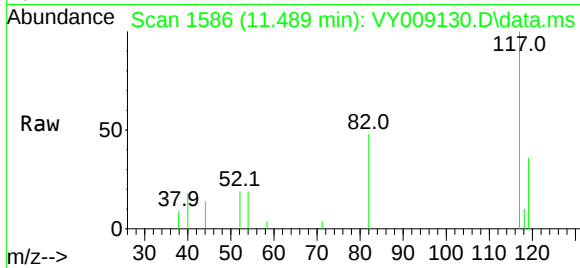




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

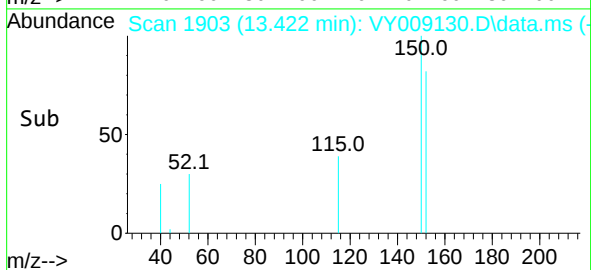
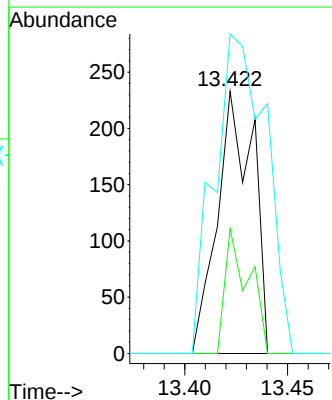
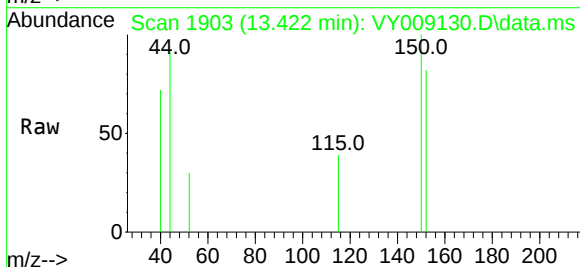
Instrument : MSVOA_Y
ClientSampleId : 20220392-SB-8-(DISCRETE-COMP-G)

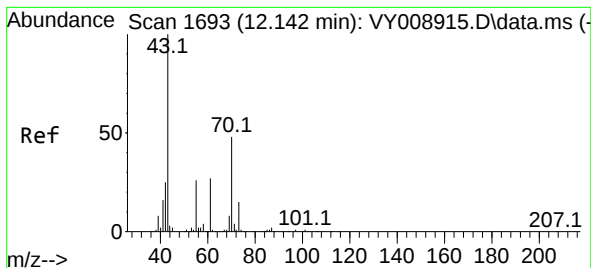
Tgt Ion:117	Resp:	1662
Ion	Ratio	Lower Upper
117	100	
82	48.0	43.0 64.4
119	36.0	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Tgt Ion:152	Resp:	281
Ion	Ratio	Lower Upper
152	100	
115	31.7	28.2 84.7
150	176.5	0.0 347.6

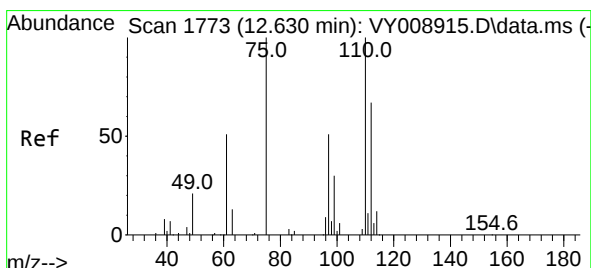
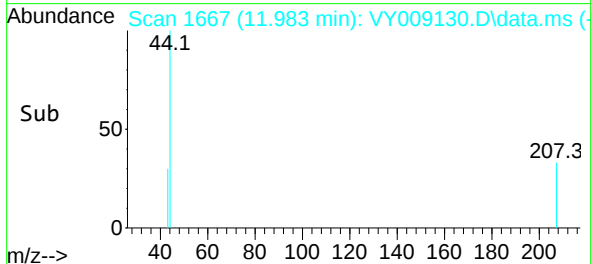
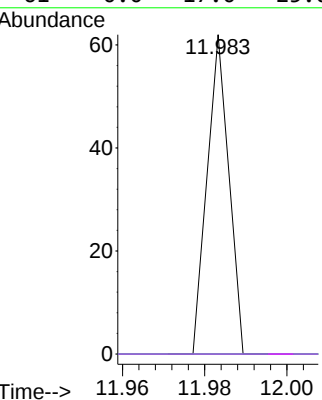
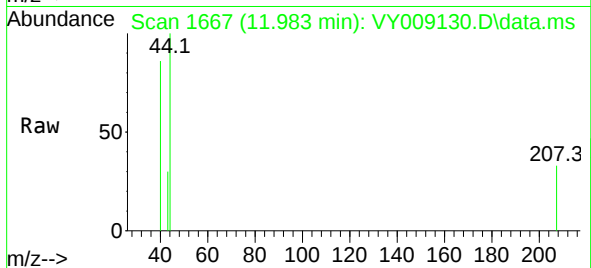




#74
N-amy1 acetate
Concen: 4.744 ug/l
RT: 11.983 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

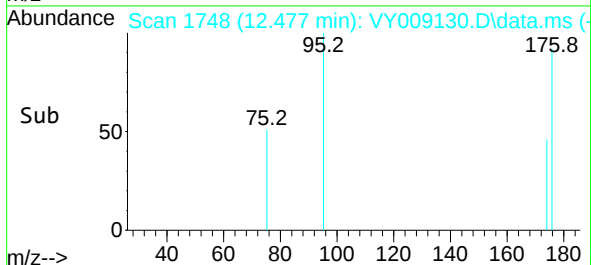
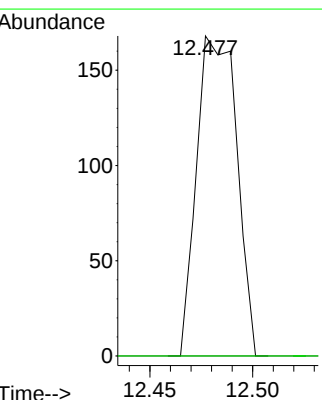
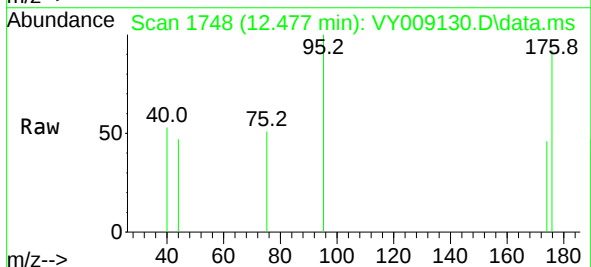
Instrument : MSVOA_Y
ClientSampleId : 20220392-SB-8-(DISCRETE-COMP-G)

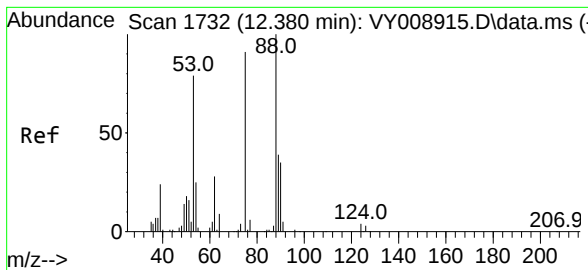
Tgt Ion: 43	Resp: 23
Ion Ratio	Lower Upper
43 100	
70 0.0	28.7 43.1#
55 0.0	17.3 25.9#
61 0.0	17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 75.225 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

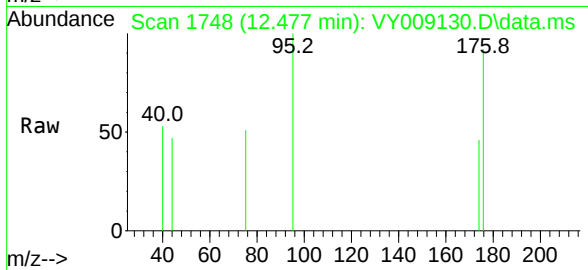
Tgt Ion: 75	Resp: 227
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.400 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009130.D
 Acq: 02 Jun 2022 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220392-SB-8-(DISCRETE-COMP-G)



Tgt Ion:	75	Resp:	227
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

