

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011447.D
 Acq On : 14 Nov 2022 18:03
 Operator : KP/MD
 Sample : N5613-03
 Misc : 2.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-VOC-1

Quant Time: Nov 15 01:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

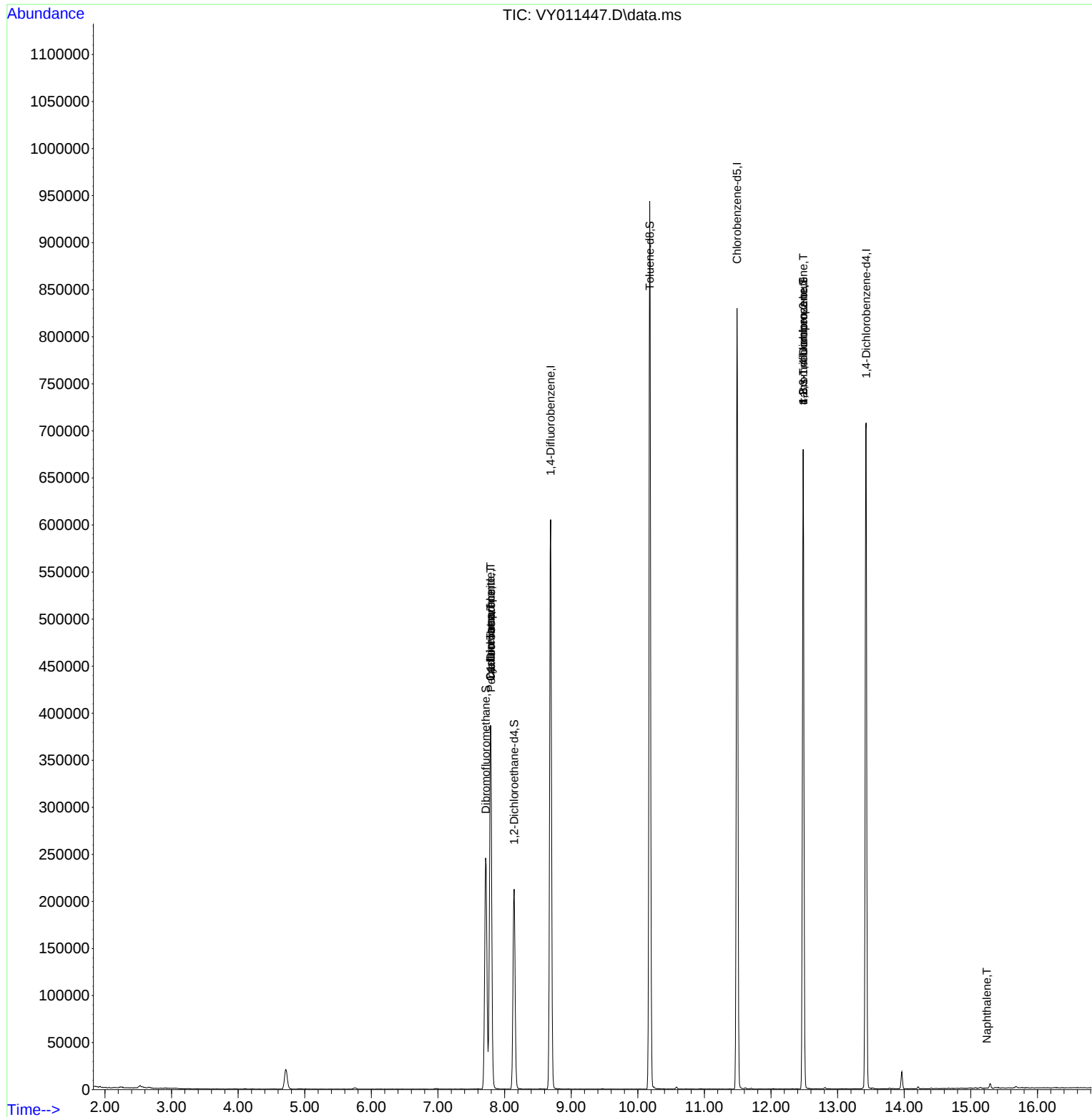
Internal Standards						
1) Pentafluorobenzene	7.795	168	319672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	547520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	480959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	202285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	165988	61.965	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.920%		
35) Dibromofluoromethane	7.716	113	180451	58.809	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 117.620%		
50) Toluene-d8	10.179	98	637303	54.367	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.740%		
62) 4-Bromofluorobenzene	12.483	95	204640	50.051	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	25	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	483	Below Cal	#	77
18) Methyl Acetate	4.472	43	117	Below Cal	#	56
20) Methylene Chloride	4.716	84	17720	Below Cal	#	71
31) Cyclohexane	7.789	56	5125	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	21322	4.477	ug/l #	50
38) Carbon Tetrachloride	7.789	117	30075	5.806	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	98233	41.953	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	98233	100.842	ug/l #	7
95) Naphthalene	15.239	128	260	3.307	ug/l #	69

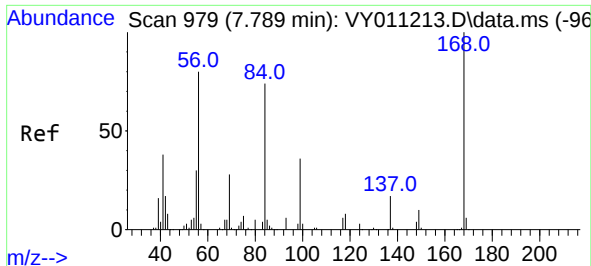
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

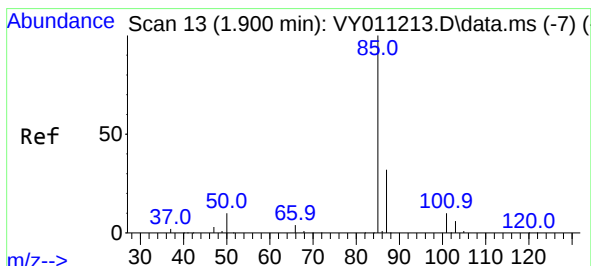
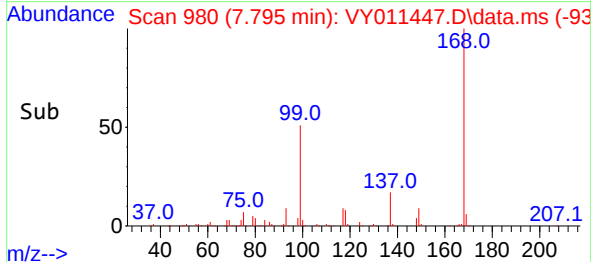
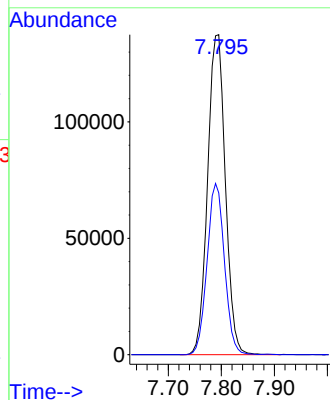
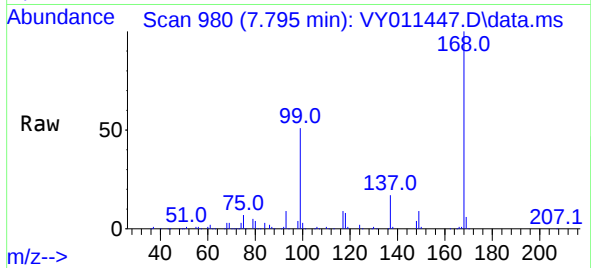




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

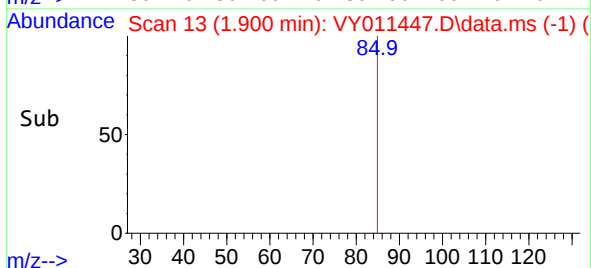
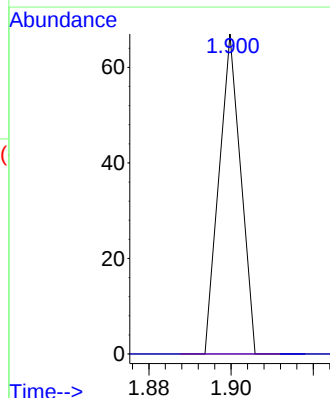
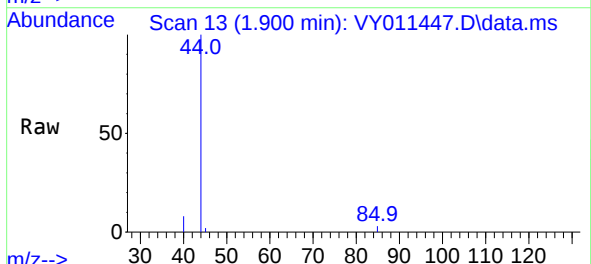
Instrument :
MSVOA_Y
ClientSampleId :
WC-VOC-1

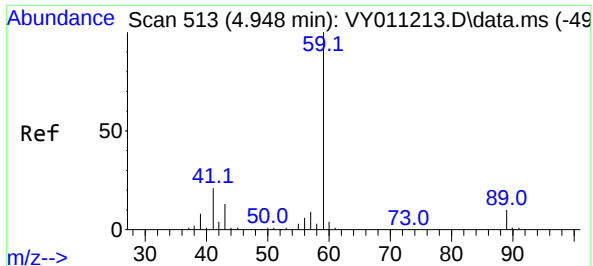
Tgt Ion:168 Resp: 319672
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

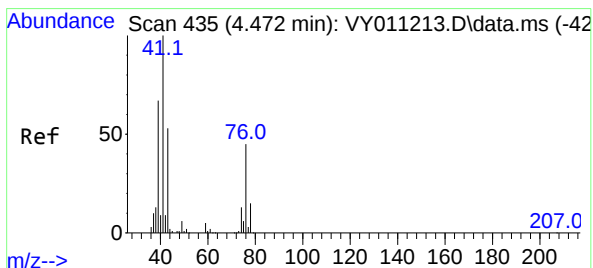
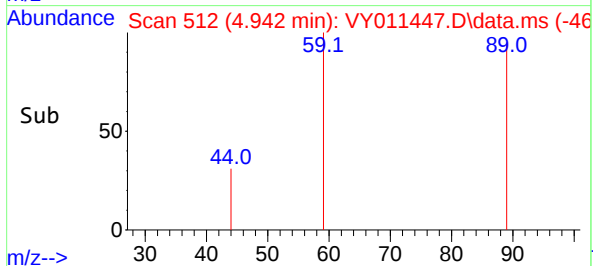
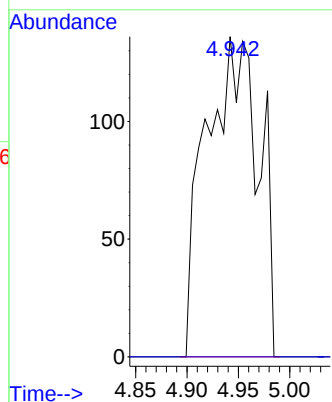
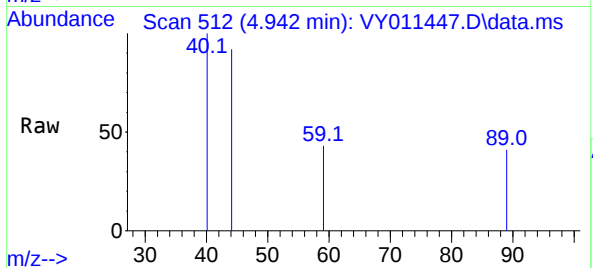




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

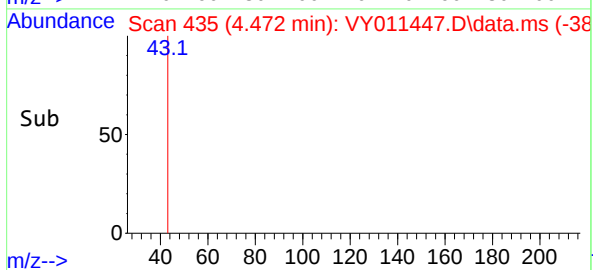
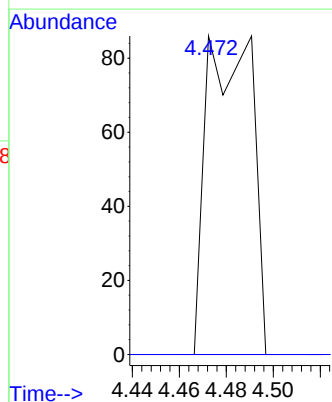
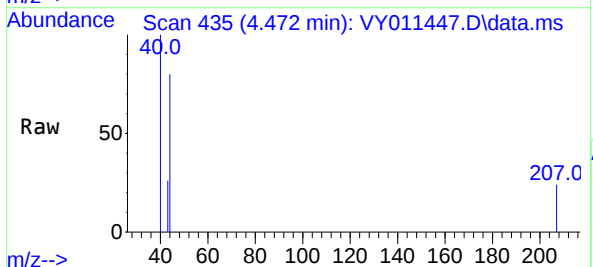
Instrument :
MSVOA_Y
ClientSampleId :
WC-VOC-1

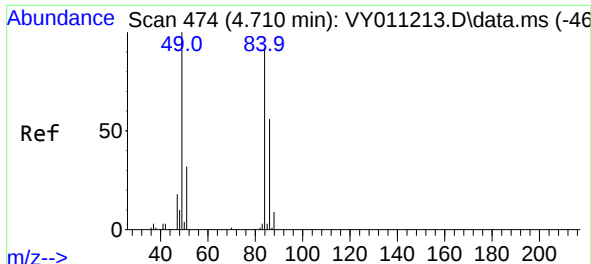
Tgt Ion: 59 Resp: 483
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

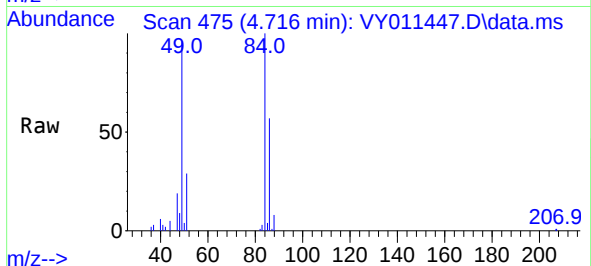
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





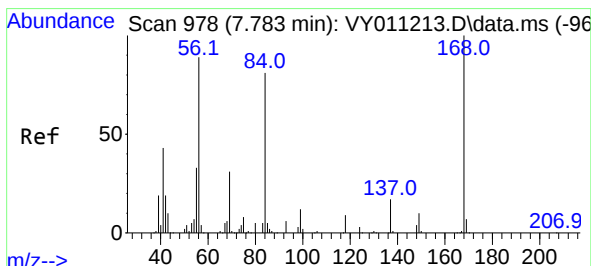
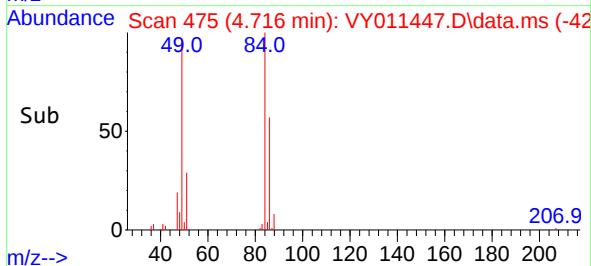
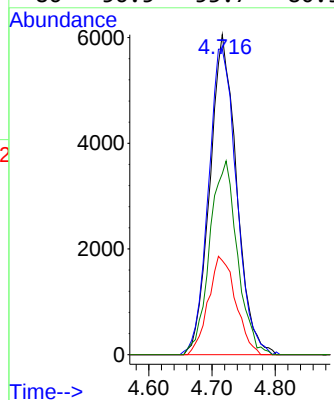
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-VOC-1



Tgt Ion: 84 Resp: 17720

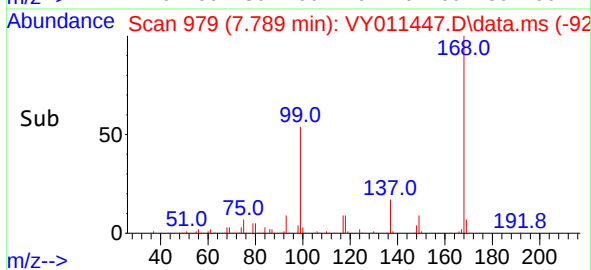
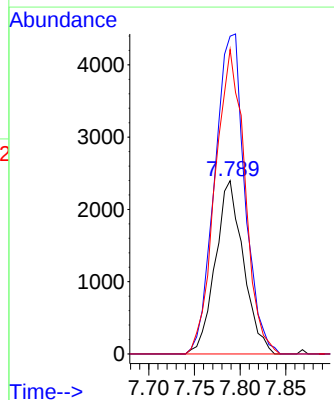
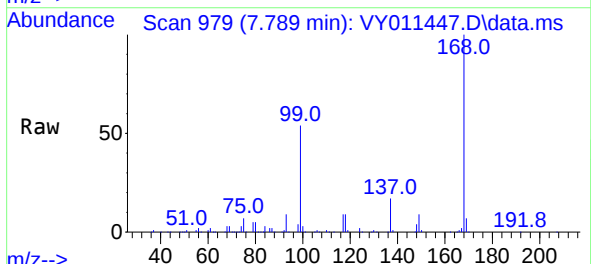
Ion	Ratio	Lower	Upper
84	100		
49	95.5	114.4	171.6#
51	29.4	35.3	52.9#
86	56.5	53.7	80.5

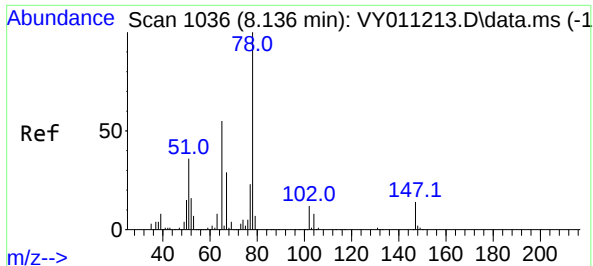


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Tgt Ion: 56 Resp: 5125

Ion	Ratio	Lower	Upper
56	100		
69	183.4	26.7	40.1#
84	175.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.965 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY011447.D

Acq: 14 Nov 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

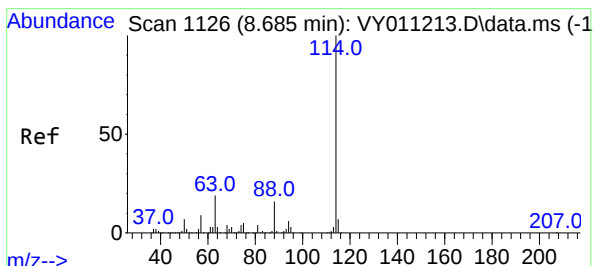
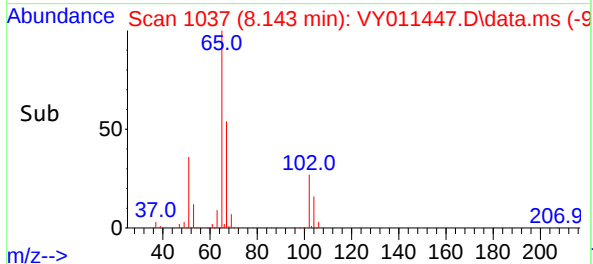
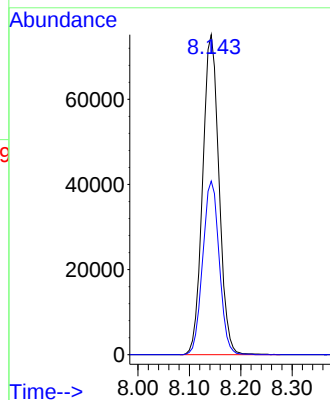
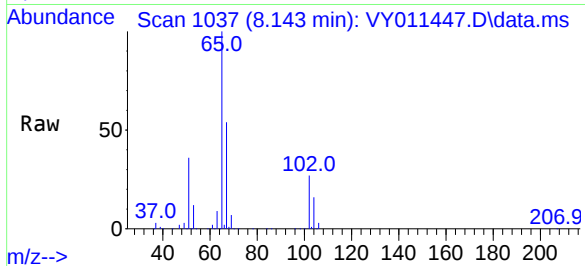
WC-VOC-1

Tgt Ion: 65 Resp: 165988

Ion Ratio Lower Upper

65 100

67 54.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011447.D

Acq: 14 Nov 2022 18:03

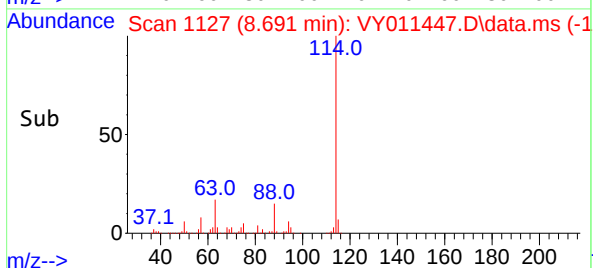
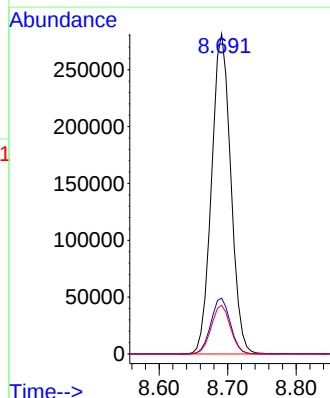
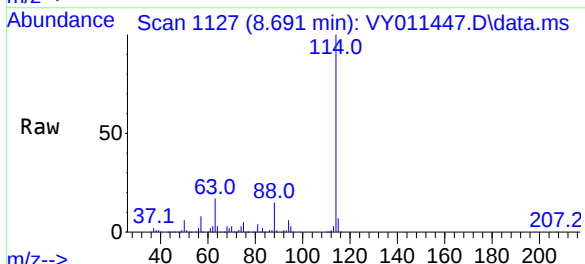
Tgt Ion: 114 Resp: 547520

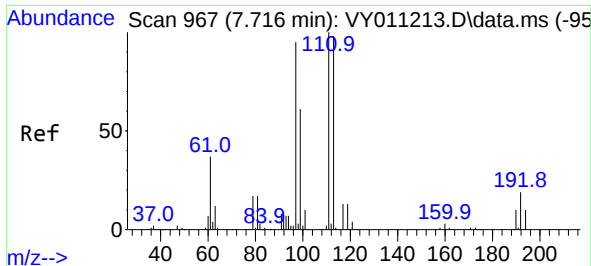
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 15.2 0.0 31.8

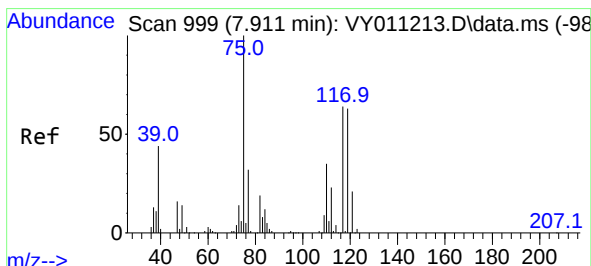
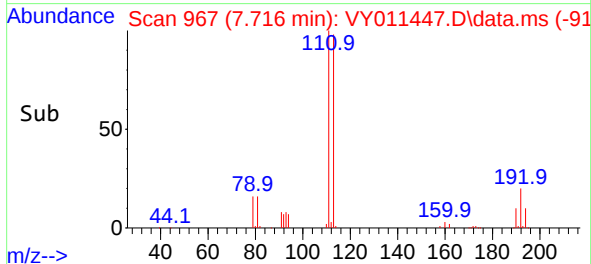
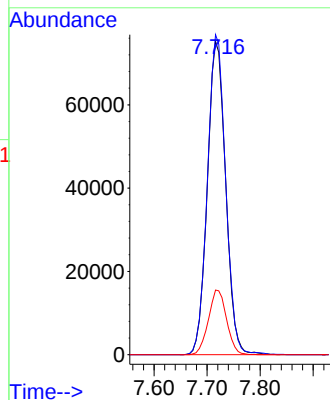
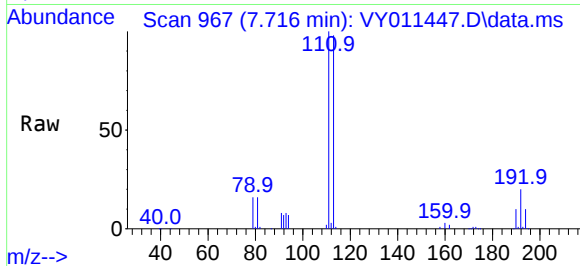




#35
Dibromofluoromethane
Concen: 58.809 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

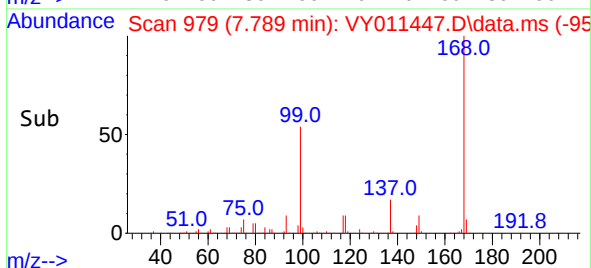
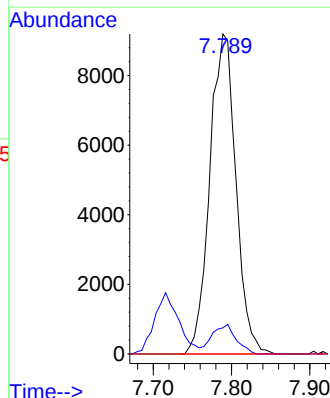
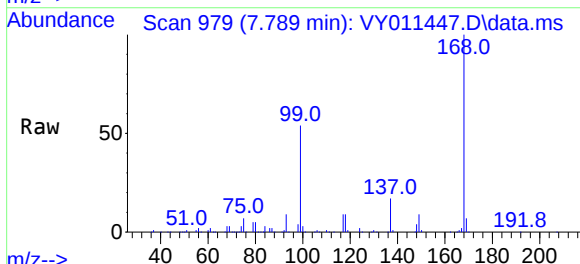
Instrument :
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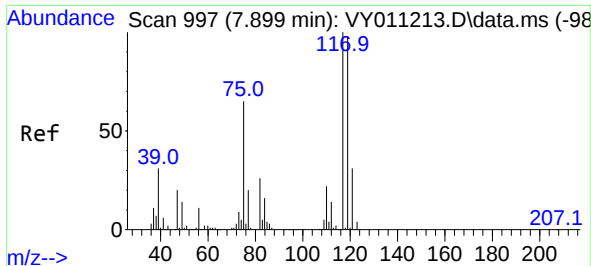
Tgt Ion:113 Resp: 180451
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.477 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Tgt Ion: 75 Resp: 21322
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

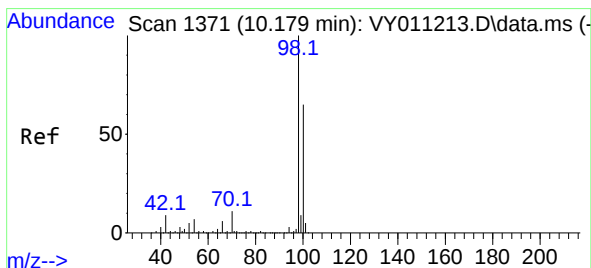
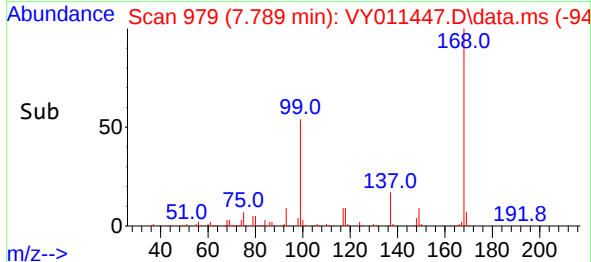
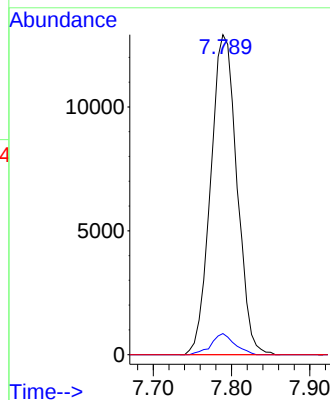
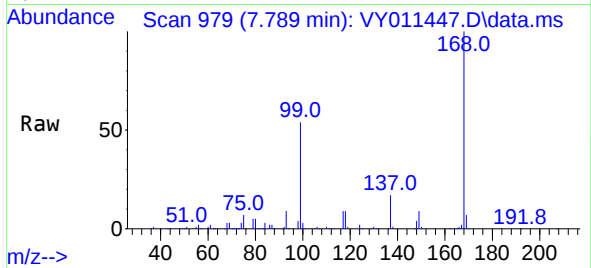




#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

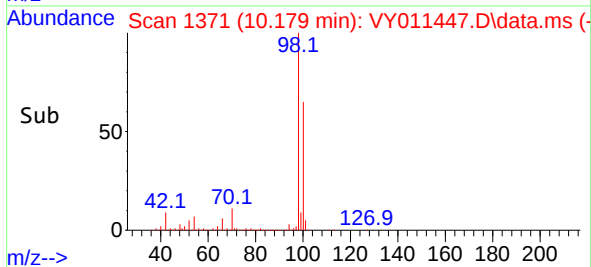
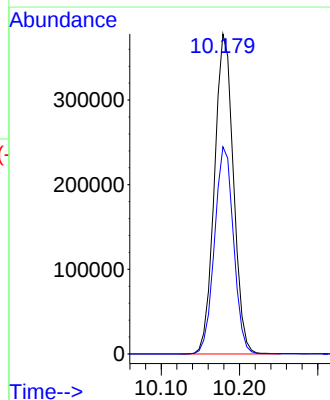
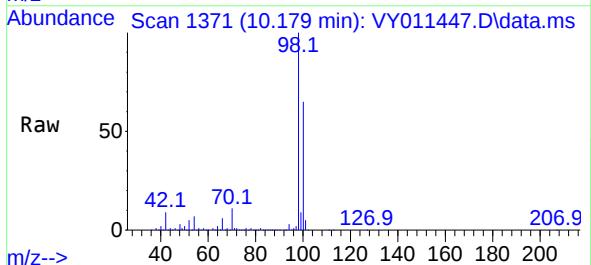
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WC-VOC-1

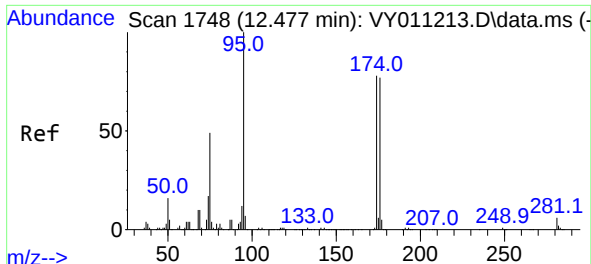
Tgt Ion:117 Resp: 30075
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.367 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Tgt Ion: 98 Resp: 637303
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

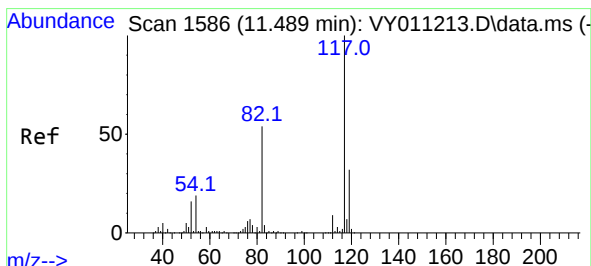
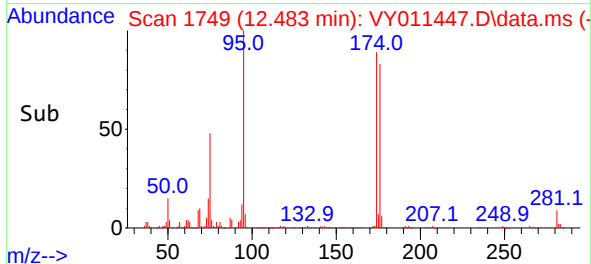
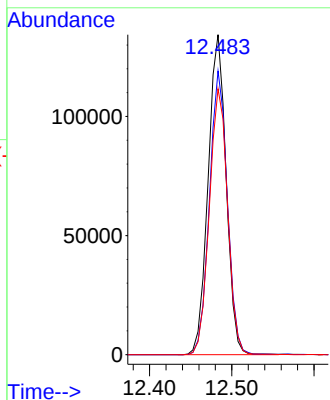
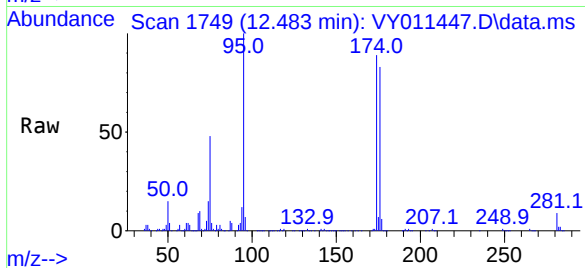




#62
4-Bromofluorobenzene
Concen: 50.051 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

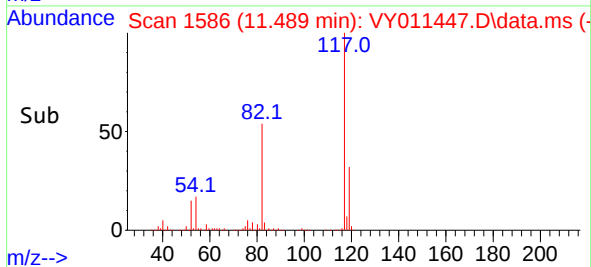
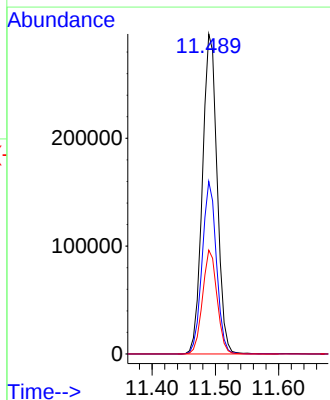
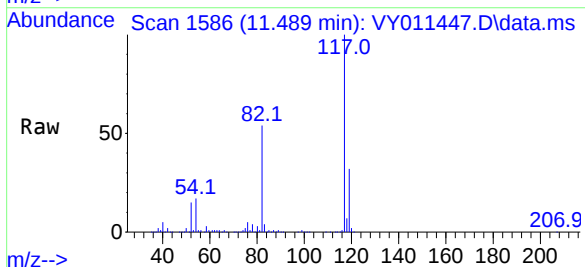
Instrument :
MSVOA_Y
ClientSampleId :
WC-VOC-1

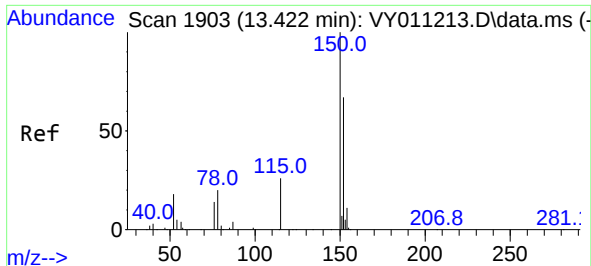
Tgt Ion: 95 Resp: 204640
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Tgt Ion: 117 Resp: 480959
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.4 25.4 38.0

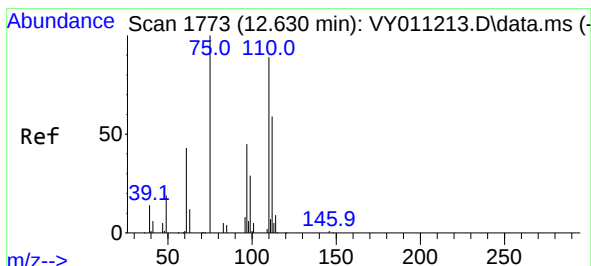
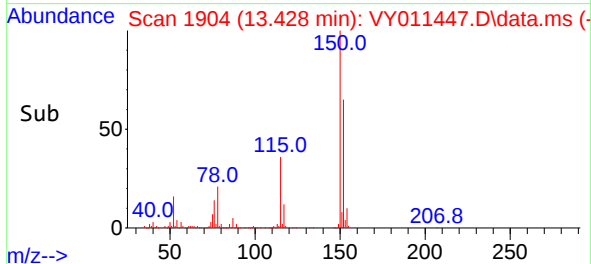
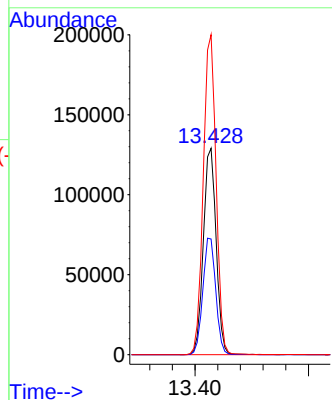
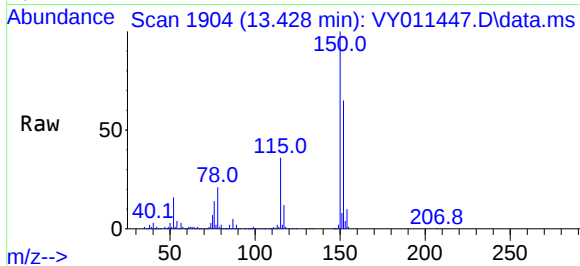




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011447.D
 Acq: 14 Nov 2022 18:03

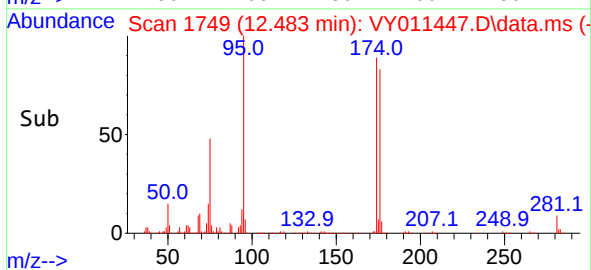
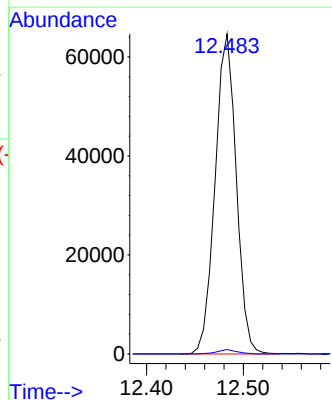
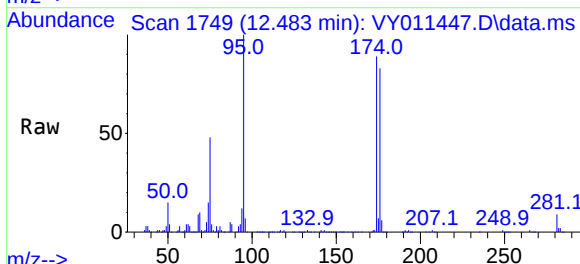
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-VOC-1

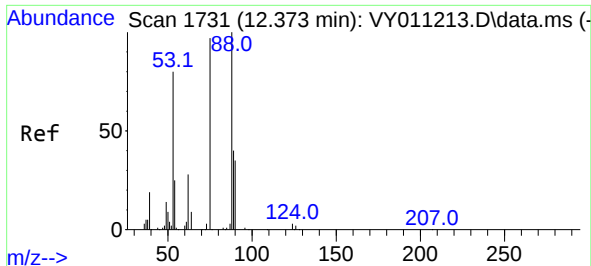
Tgt Ion:152 Resp: 202285
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 155.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.953 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011447.D
 Acq: 14 Nov 2022 18:03

Tgt Ion: 75 Resp: 98233
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

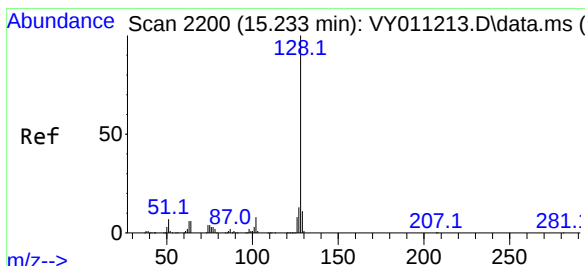
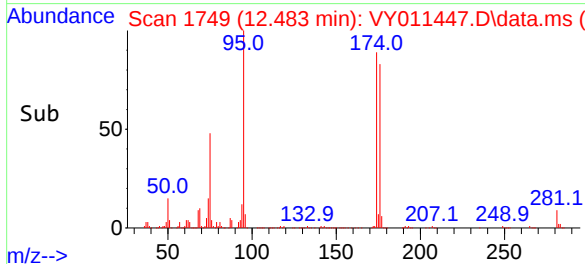
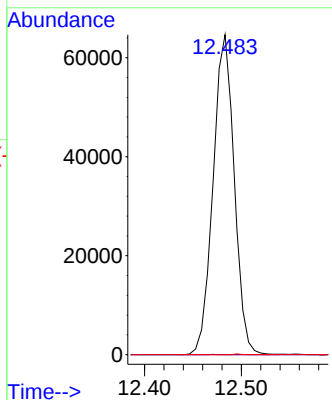
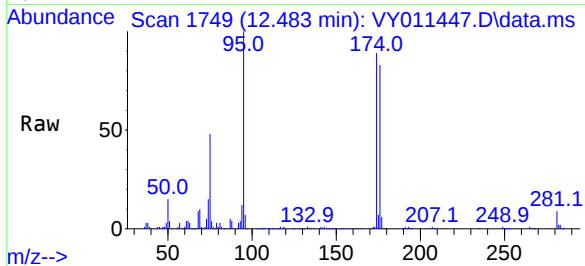




#81
trans-1,4-Dichloro-2-butene
Concen: 100.842 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-VOC-1

Tgt Ion: 75 Resp: 98233
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.307 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011447.D
Acq: 14 Nov 2022 18:03

Tgt Ion:128 Resp: 260
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

