

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009684.D
 Acq On : 25 Jul 2022 14:39
 Operator : KP/MD
 Sample : N3839-05
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-WC-1

Quant Time: Jul 26 05:56:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

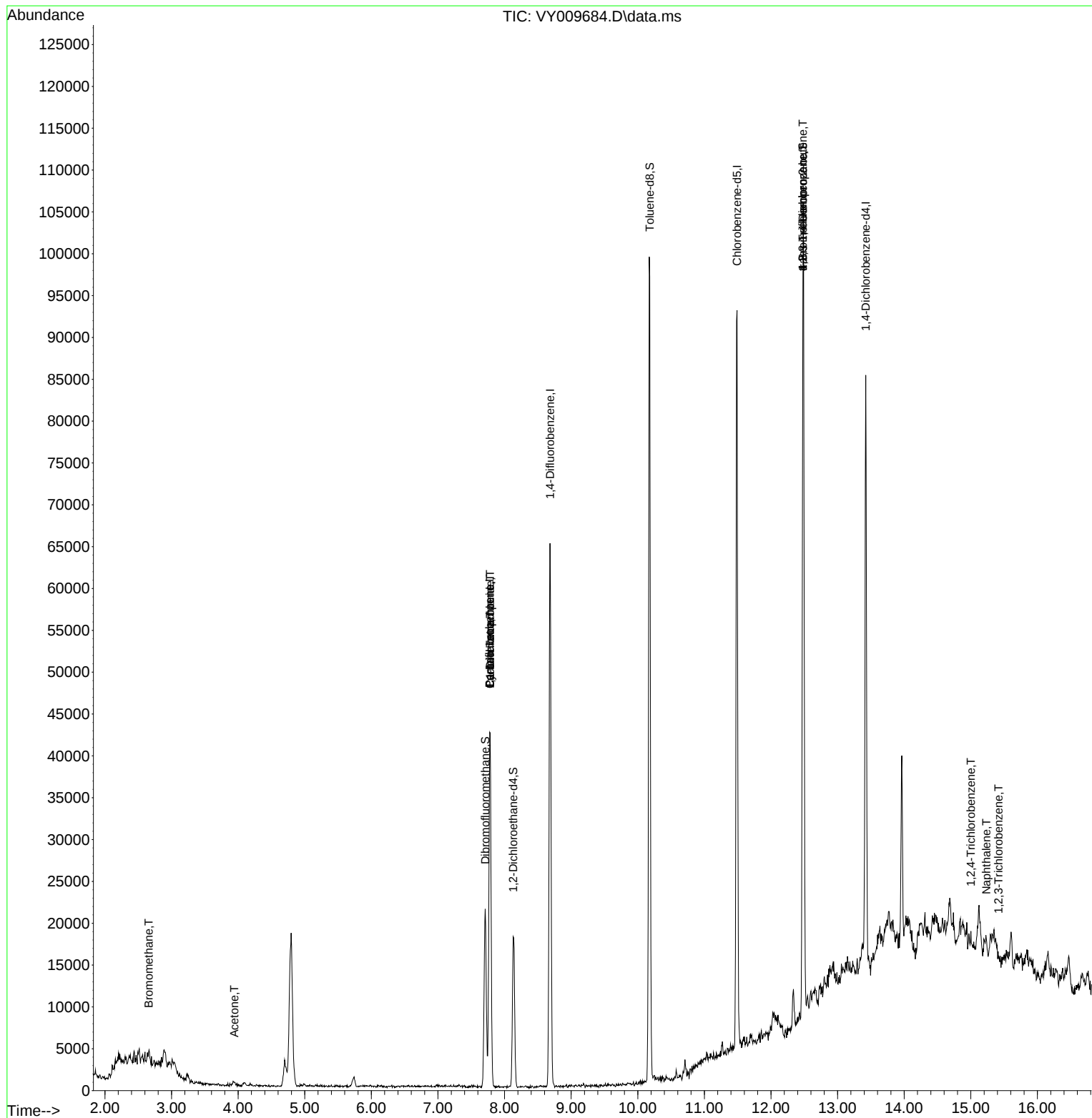
Internal Standards						
1) Pentafluorobenzene	7.777	168	35192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	52036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	14831	44.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.120%		
35) Dibromofluoromethane	7.710	113	14782	39.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.820%		
50) Toluene-d8	10.179	98	67034	47.083	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	94.160%		
62) 4-Bromofluorobenzene	12.477	95	17629	38.213	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	76.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	609	1.880	ug/l #	75
11) Tert butyl alcohol	4.954	59	59	Below Cal	#	77
16) Acetone	3.942	43	884	10.499	ug/l #	83
20) Methylene Chloride	4.698	84	2231	Below Cal		88
31) Cyclohexane	7.783	56	689	1.174	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	2324	4.246	ug/l #	48
38) Carbon Tetrachloride	7.783	117	3294	5.750	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	8677	47.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8677	93.480	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.001	180	451	1.243	ug/l #	75
95) Naphthalene	15.233	128	2565	3.703	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.416	180	554	1.738	ug/l #	56

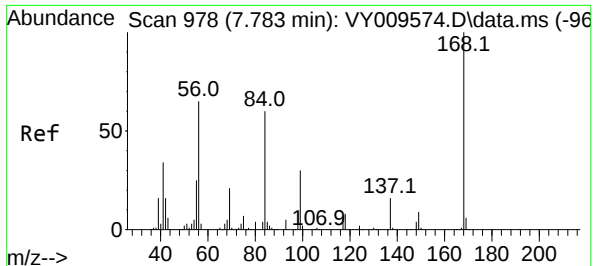
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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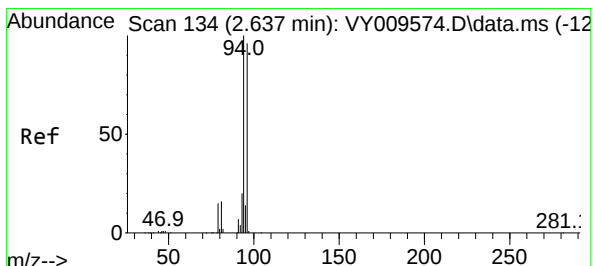
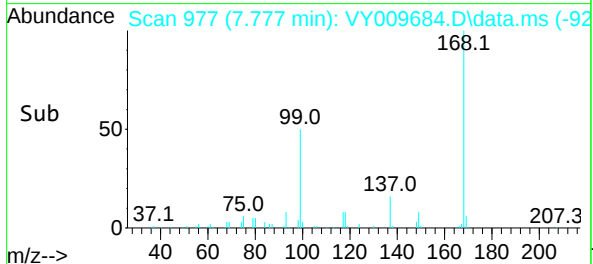
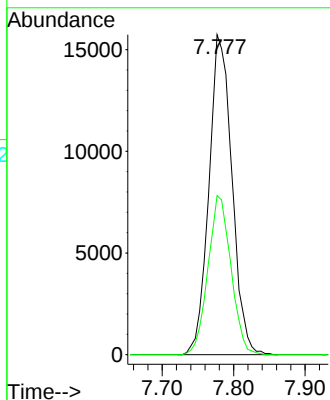
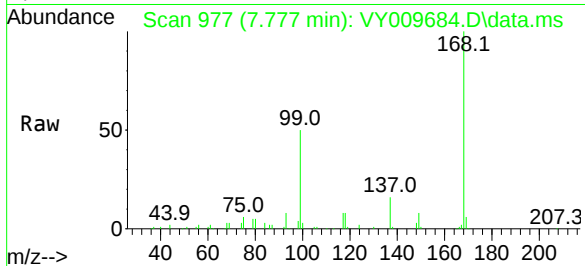




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

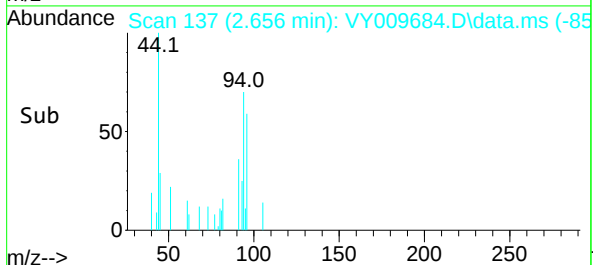
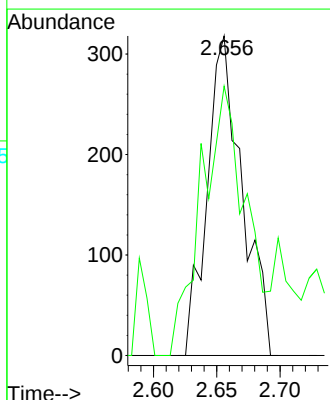
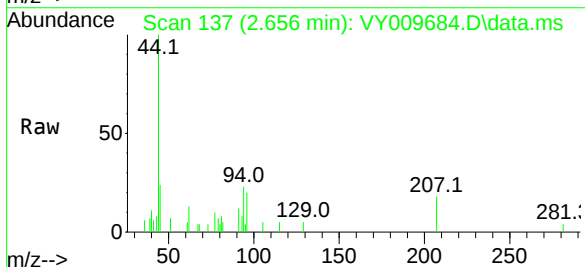
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

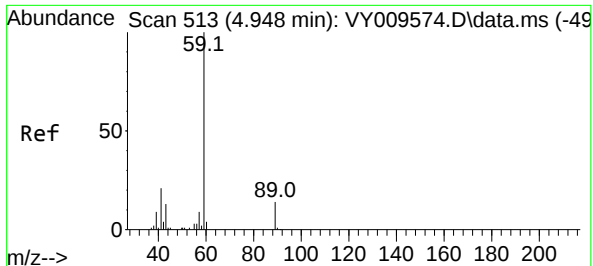
Tgt Ion:168 Resp: 35192
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#5
Bromomethane
Concen: 1.880 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 67.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY009684.D

Acq: 25 Jul 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

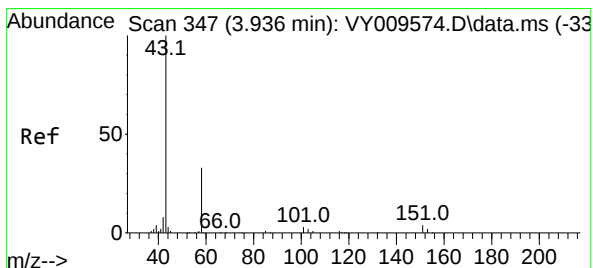
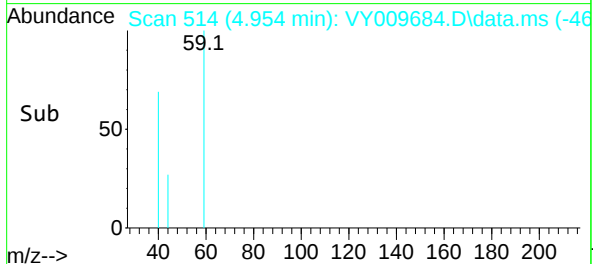
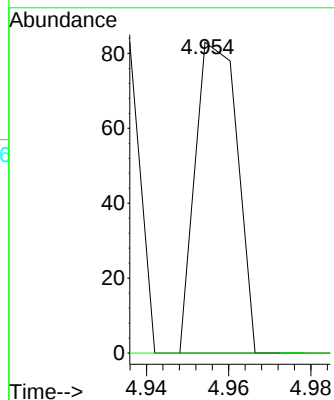
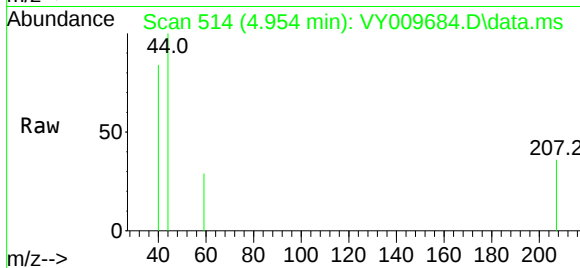
ENV-DE-WC-1

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 10.499 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009684.D

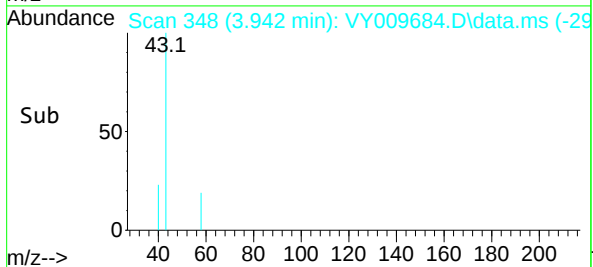
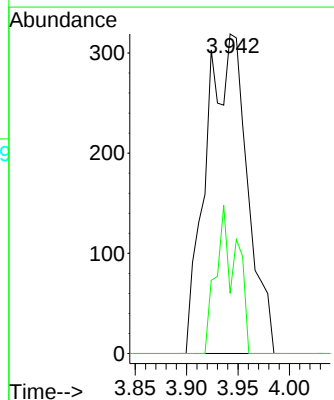
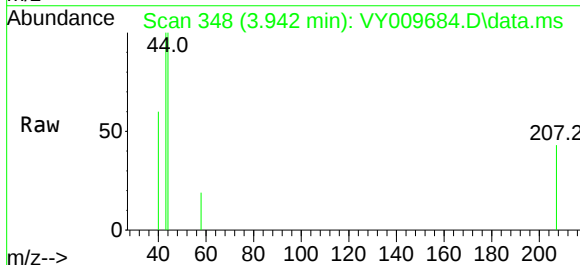
Acq: 25 Jul 2022 14:39

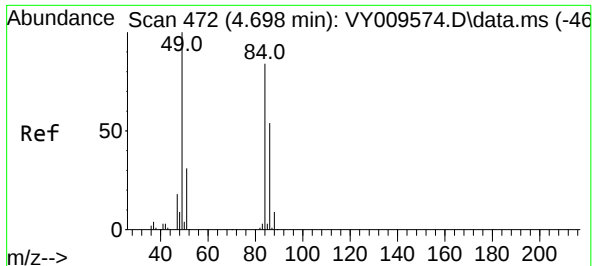
Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

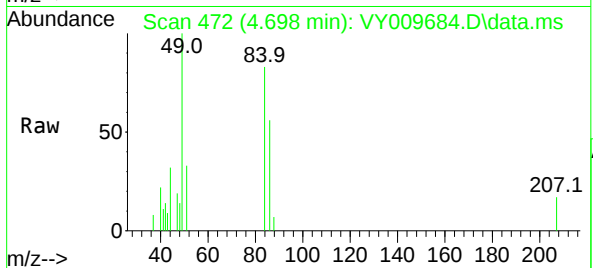
58 18.8 22.0 33.0#



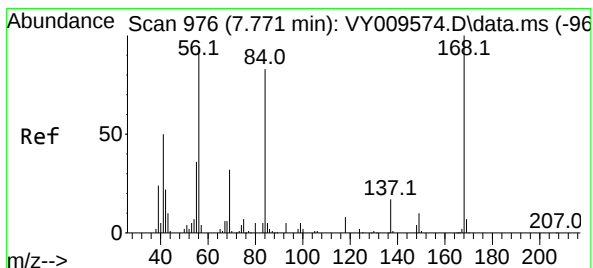
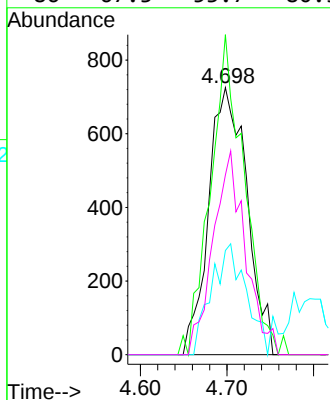
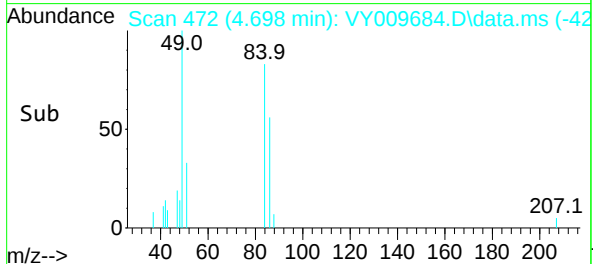


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

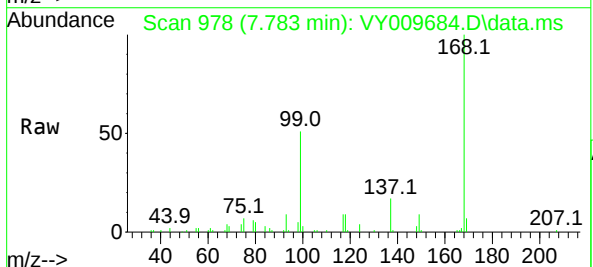
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1



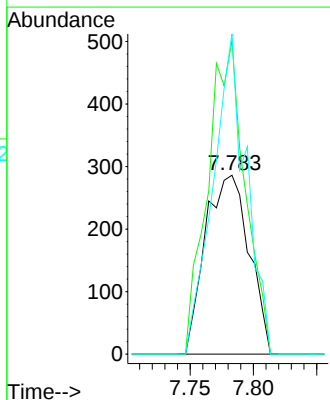
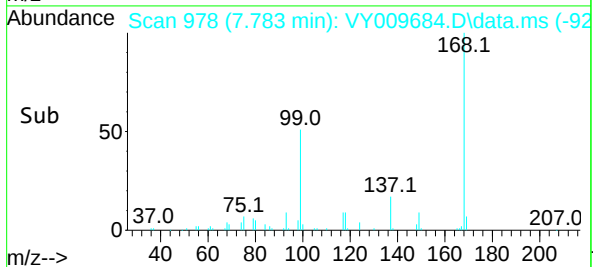
Tgt Ion:	84	Resp:	2231
Ion	Ratio	Lower	Upper
84	100		
49	119.9	114.4	171.6
51	39.0	35.3	52.9
86	67.3	53.7	80.5

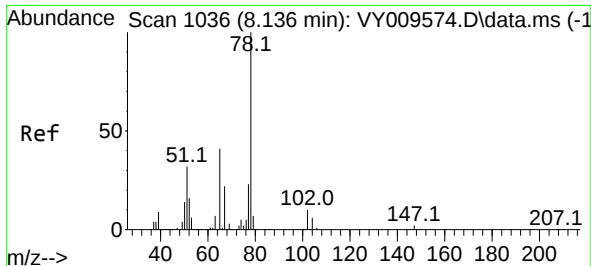


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39



Tgt Ion:	56	Resp:	689
Ion	Ratio	Lower	Upper
56	100		
69	175.2	26.7	40.1#
84	179.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 44.560 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009684.D

Acq: 25 Jul 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

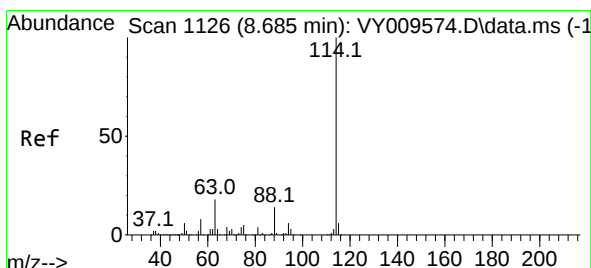
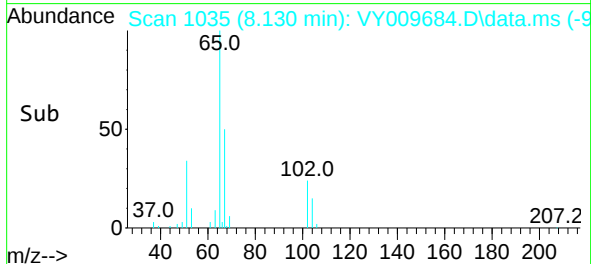
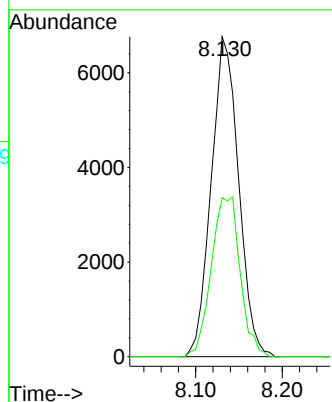
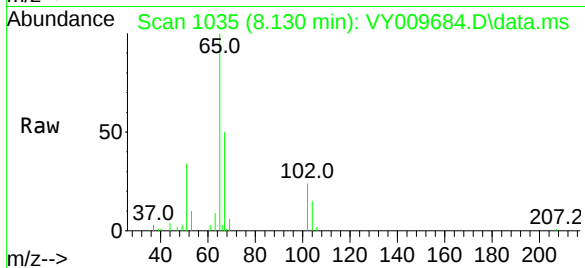
ENV-DE-WC-1

Tgt Ion: 65 Resp: 14831

Ion Ratio Lower Upper

65 100

67 52.6 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: VY009684.D

Acq: 25 Jul 2022 14:39

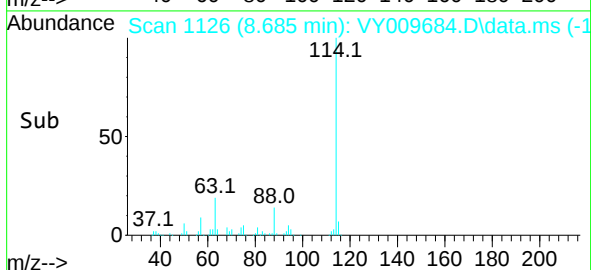
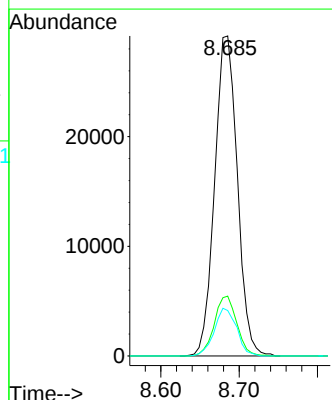
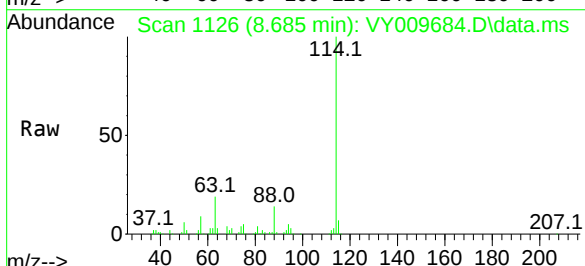
Tgt Ion: 114 Resp: 58786

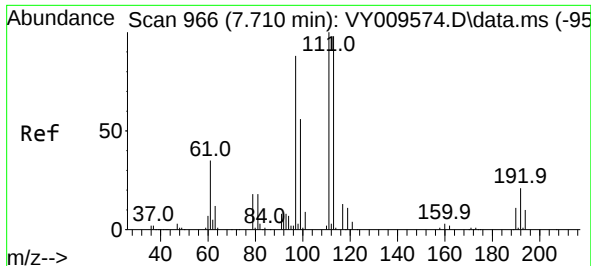
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.2 0.0 31.8

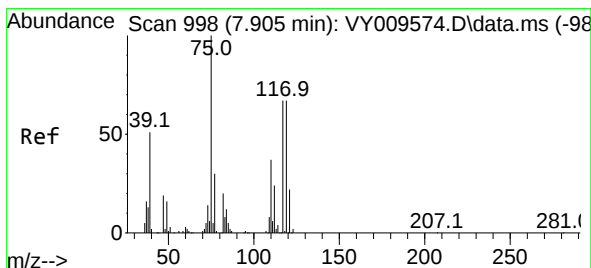
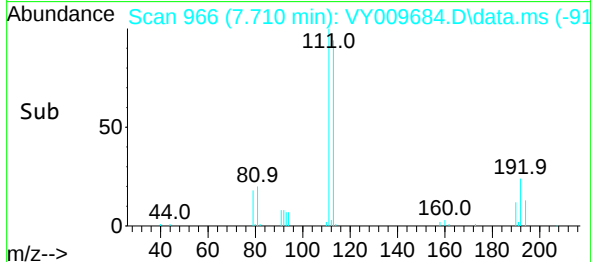
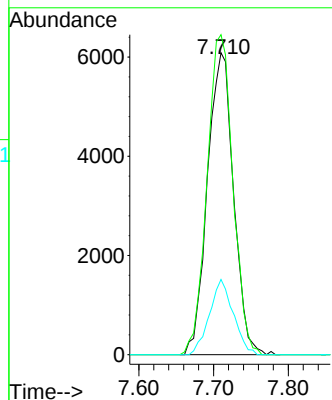
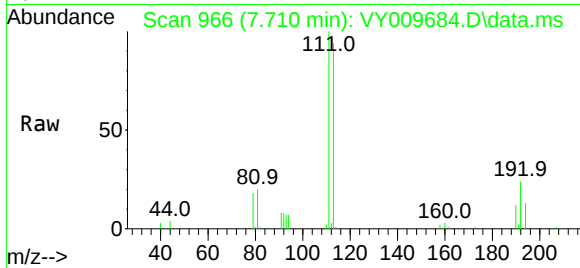




#35
Dibromofluoromethane
Concen: 39.914 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

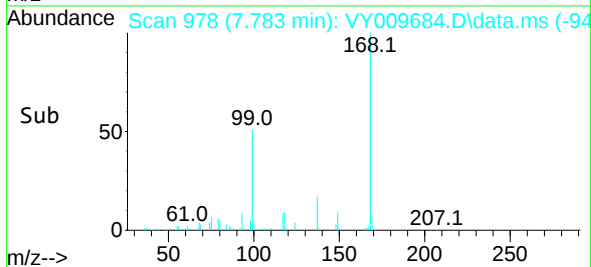
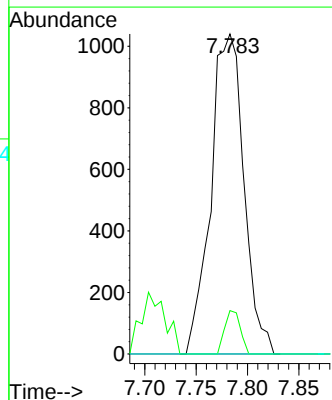
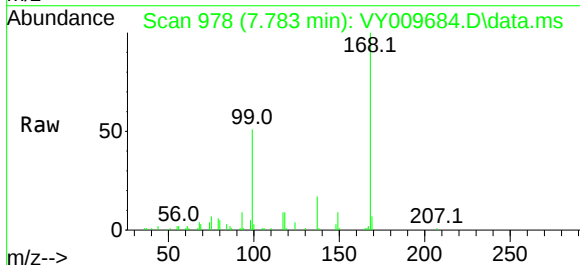
Instrument :
MSVOA_Y
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ENV-DE-WC-1

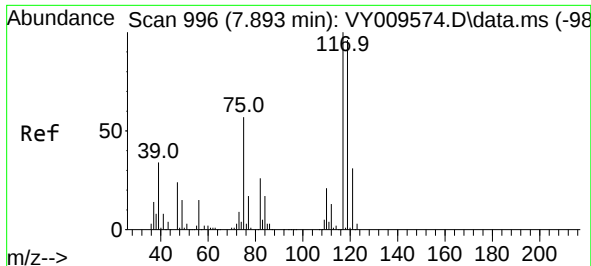
Tgt Ion:113 Resp: 14782
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 22.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.246 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

Tgt Ion: 75 Resp: 2324
Ion Ratio Lower Upper
75 100
110 6.4 17.1 51.2#
77 0.0 24.4 36.6#

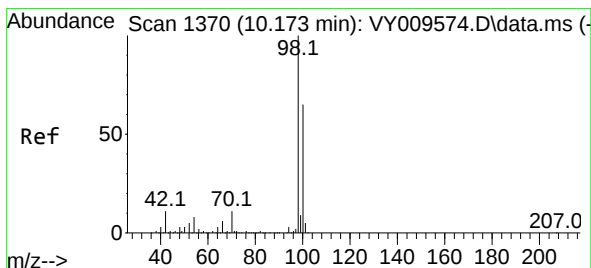
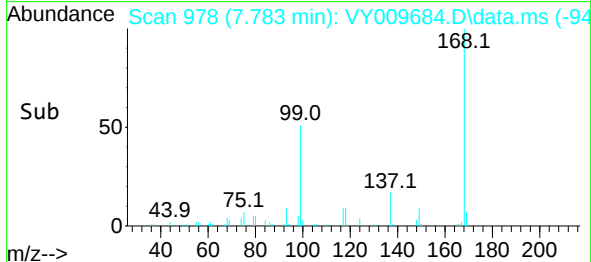
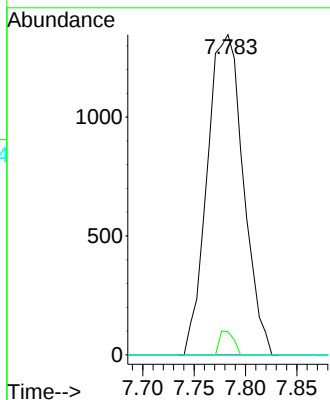
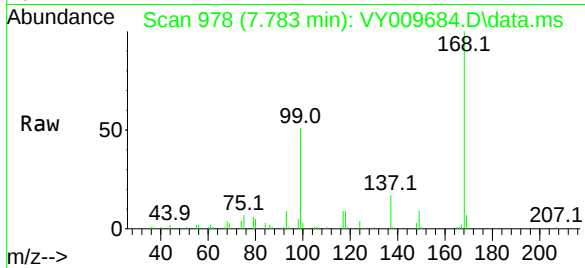




#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

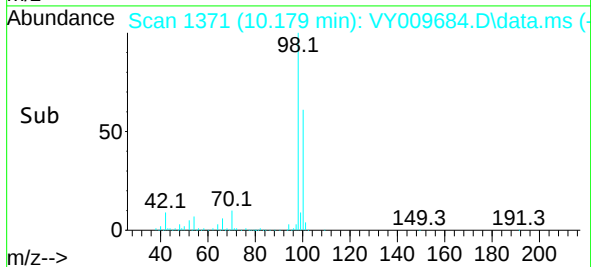
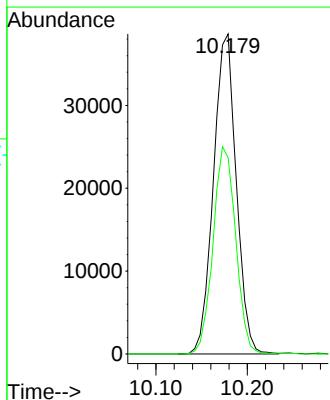
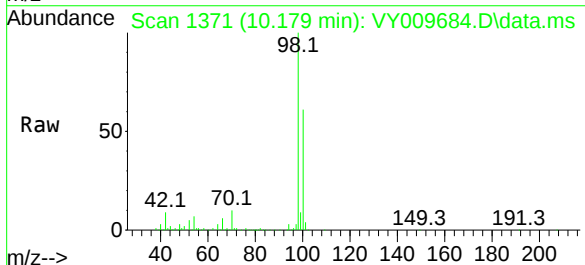
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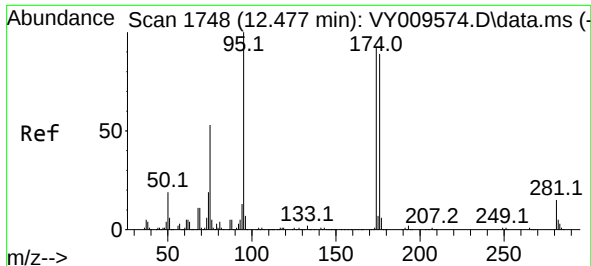
Tgt Ion:117 Resp: 3294
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.083 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

Tgt Ion: 98 Resp: 67034
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

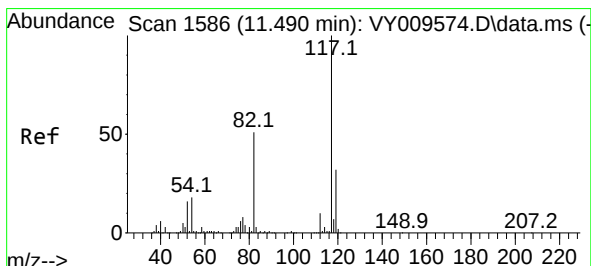
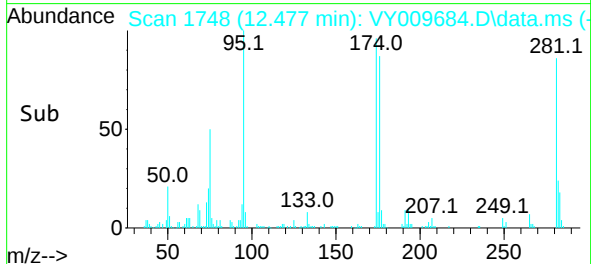
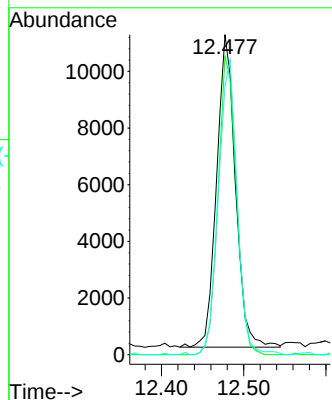
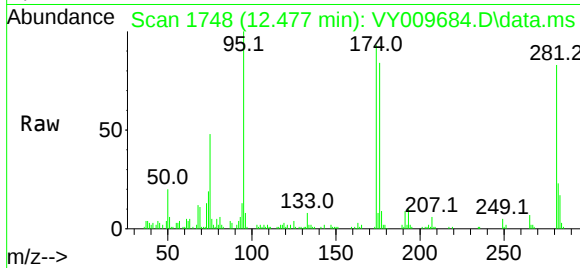




#62
4-Bromofluorobenzene
Concen: 38.213 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

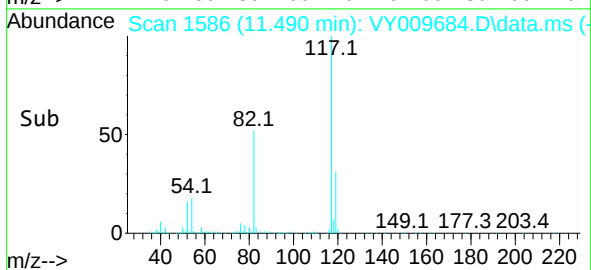
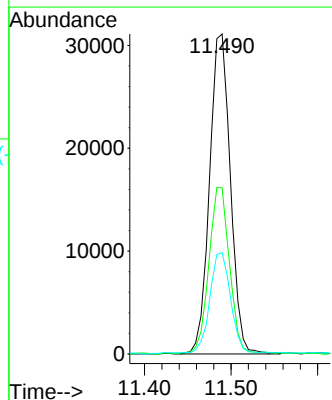
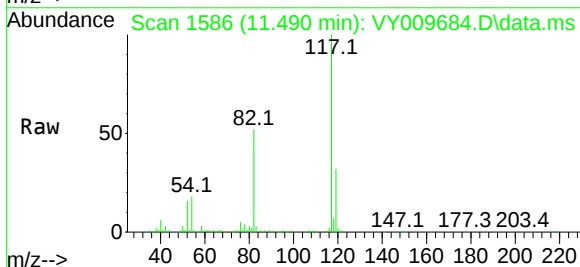
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

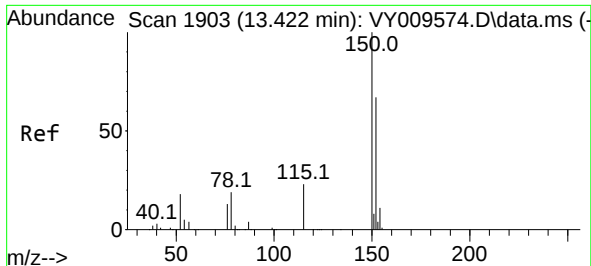
Tgt Ion: 95 Resp: 17629
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 93.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

Tgt Ion: 117 Resp: 52036
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 31.2 25.4 38.0

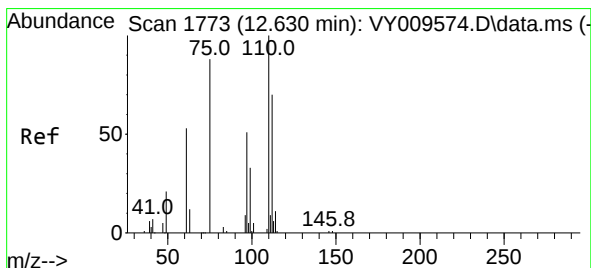
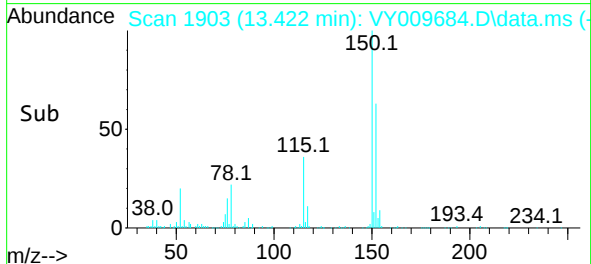
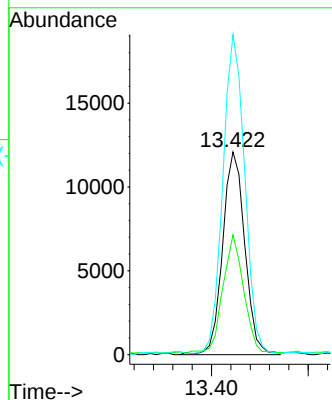
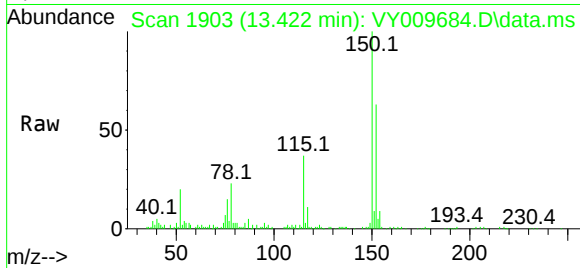




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009684.D
 Acq: 25 Jul 2022 14:39

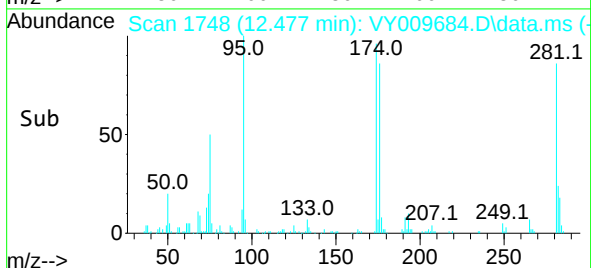
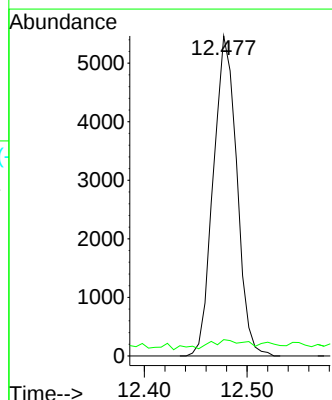
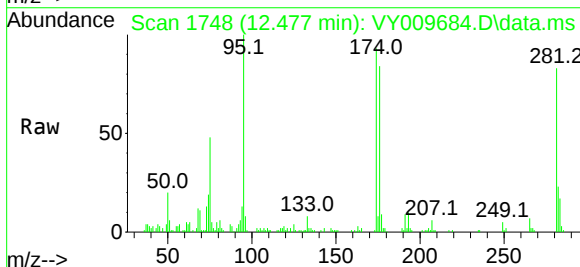
Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-WC-1

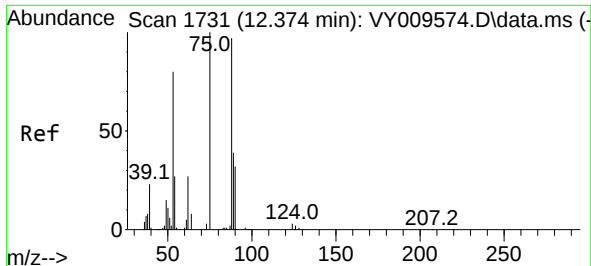
Tgt Ion:152 Resp: 19213
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 154.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.409 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009684.D
 Acq: 25 Jul 2022 14:39

Tgt Ion: 75 Resp: 8677
 Ion Ratio Lower Upper
 75 100
 77 3.9 0.0 0.0#

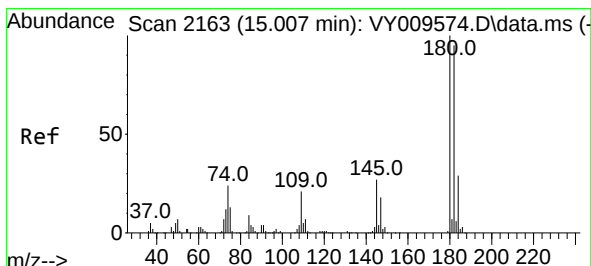
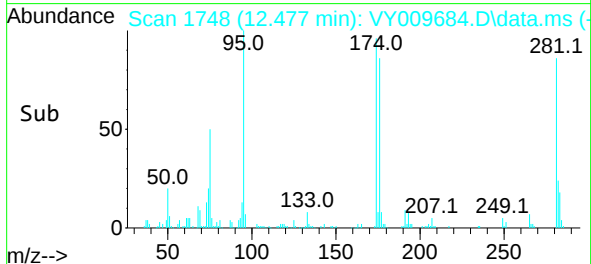
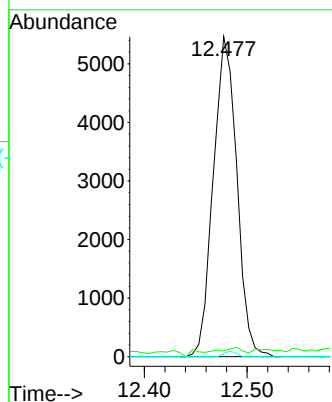
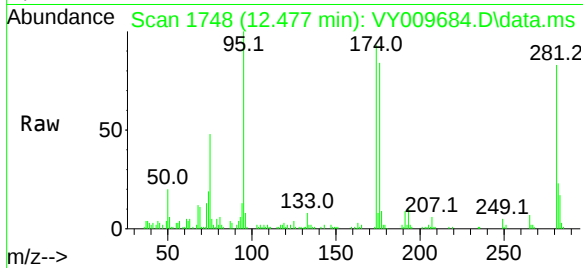




#81
trans-1,4-Dichloro-2-butene
Concen: 93.480 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

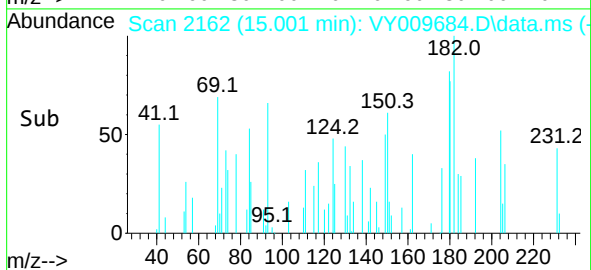
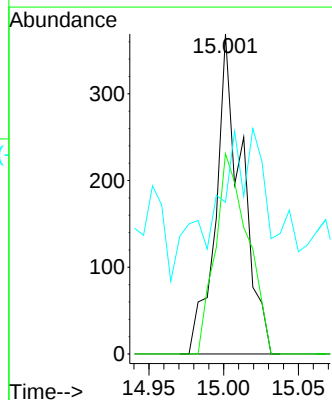
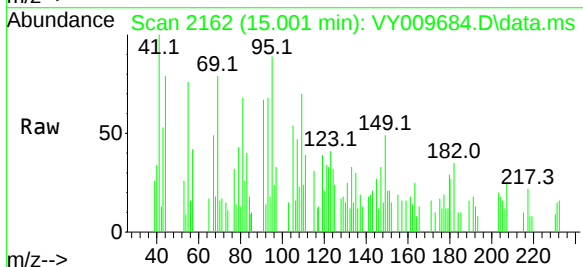
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

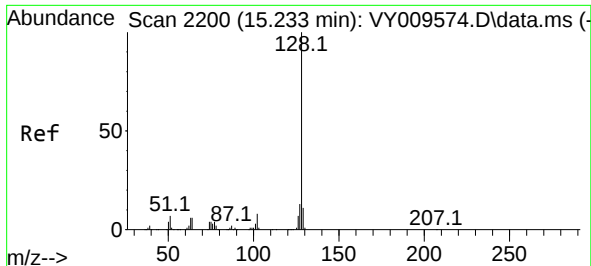
Tgt Ion: 75 Resp: 8677
Ion Ratio Lower Upper
75 100
53 2.3 85.3 127.9#
89 0.9 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.243 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

Tgt Ion:180 Resp: 451
Ion Ratio Lower Upper
180 100
182 77.4 47.3 141.9
145 55.7 14.6 43.8#

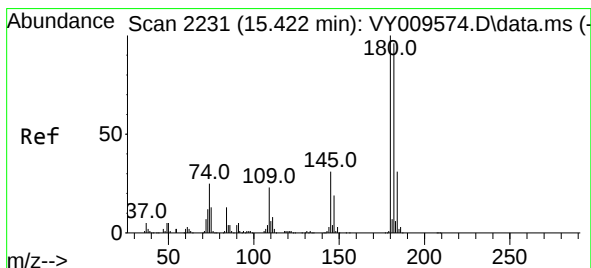
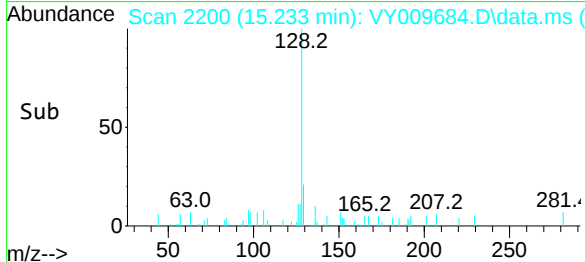
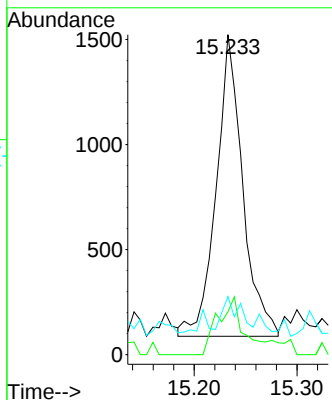
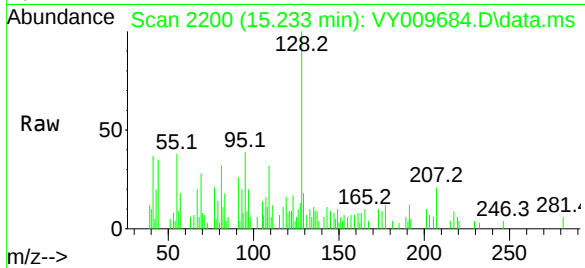




#95
Naphthalene
Concen: 3.703 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-WC-1

Tgt Ion:128 Resp: 2565
Ion Ratio Lower Upper
128 100
127 22.5 11.0 16.4#
129 6.5 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.738 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY009684.D
Acq: 25 Jul 2022 14:39

Tgt Ion:180 Resp: 554
Ion Ratio Lower Upper
180 100
182 57.9 47.3 141.9
145 65.3 15.3 45.9#

