

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021115.D
 Acq On : 04 Dec 2021 13:48
 Operator : SY/VA
 Sample : M4885-18MS
 Misc : 5.99g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:49:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	24460	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	24444	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	11212	32.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 131.600%	
7) Chloroethane-d5	2.885	69	9637	42.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 168.960%#	
11) 1,1-Dichloroethene-d2	4.019	63	16418	30.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 120.640%#	
21) 2-Butanone-d5	7.080	46	3712	47.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.500%	
24) Chloroform-d	7.653	84	16825	27.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.880%	
26) 1,2-Dichloroethane-d4	8.311	65	8853	26.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.680%	
32) Benzene-d6	8.275	84	32111	25.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.760%	
36) 1,2-Dichloropropane-d6	9.275	67	8790	25.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.240%	
41) Toluene-d8	10.323	98	30895	24.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.440%	
43) trans-1,3-Dichloroprop...	10.579	79	3706	23.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.000%	
47) 2-Hexanone-d5	10.927	63	2948	44.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.720%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	7241	22.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 90.120%	
66) 1,2-Dichlorobenzene-d4	13.847	152	10867	23.173	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	765	6.403	ug/L	92
3) Chloromethane	2.221	50	6761	25.278	ug/L	95
5) Vinyl chloride	2.367	62	12152	26.153	ug/L	95
6) Bromomethane	2.782	94	8122	26.288	ug/L	96
8) Chloroethane	2.922	64	7684	39.680	ug/L	99
9) Trichlorofluoromethane	3.263	101	13934	62.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	8635	24.588	ug/L #	82
12) 1,1-Dichloroethene	4.038	96	7578	23.868	ug/L	80
13) Acetone	4.123	43	3385	47.805	ug/L	76
14) Carbon disulfide	4.385	76	20712	23.503	ug/L	98
15) Methyl Acetate	4.678	43	2903	22.611	ug/L #	91
16) Methylene chloride	4.922	84	8406	21.813	ug/L	81
17) trans-1,2-Dichloroethene	5.434	96	8222	24.322	ug/L	82
18) Methyl tert-butyl Ether	5.434	73	16989	33.298	ug/L #	78
19) 1,1-Dichloroethane	6.226	63	12963	24.183	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	8493	23.682	ug/L	75
22) 2-Butanone	7.177	43	4419	45.097	ug/L	91
23) Bromochloromethane	7.519	128	4162	24.803	ug/L #	67
25) Chloroform	7.683	83	14819	24.628	ug/L	96

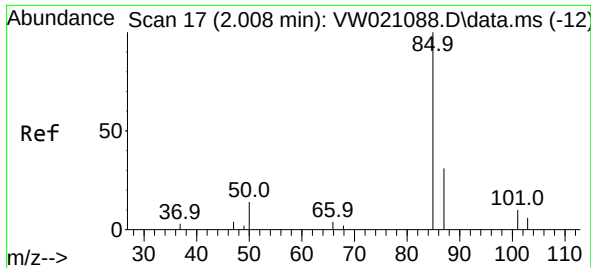
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
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Quant Time: Dec 06 00:49:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	9670	24.567	ug/L #	94
29) Cyclohexane	7.964	56	11935	22.133	ug/L #	84
30) 1,1,1-Trichloroethane	7.878	97	13336	23.399	ug/L	94
31) Carbon tetrachloride	8.067	117	12281	23.189	ug/L	99
33) Benzene	8.323	78	31675	22.787	ug/L	100
34) Trichloroethene	9.092	95	10077	26.277	ug/L #	87
35) Methylcyclohexane	9.335	83	14576	22.581	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	7024	22.357	ug/L #	96
38) Bromodichloromethane	9.640	83	9078	20.555	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	10683	21.022	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	8515	39.785	ug/L #	90
42) Toluene	10.390	91	35061	22.083	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	9153	19.908	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	6193	23.512	ug/L	89
46) Tetrachloroethene	10.860	164	43157	122.899	ug/L	95
48) 2-Hexanone	10.969	43	6117	39.619	ug/L #	93
49) Dibromochloromethane	11.128	129	6482	19.690	ug/L	97
50) 1,2-Dibromoethane	11.238	107	5998	22.330	ug/L #	99
51) Chlorobenzene	11.658	112	22688	21.386	ug/L #	87
52) Ethylbenzene	11.725	91	37242	20.836	ug/L	99
53) m,p-Xylene	11.841	106	15073	20.385	ug/L	85
54) o-Xylene	12.164	106	14024	20.117	ug/L	99
55) Styrene	12.176	104	23261	19.584	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	6750	21.306	ug/L	98
59) Bromoform	12.347	173	3337	17.879	ug/L #	98
60) Isopropylbenzene	12.463	105	37747	20.752	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	4961	22.628	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.939	105	31058	20.389	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	30819	20.117	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	18386	21.468	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	17293	19.978	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	16374	21.472	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.627	75	2009	40.580	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.627	180	12019	19.095	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	10379	20.067	ug/L	89
71) Naphthalene	15.359	128	16962	17.641	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	7902	17.506	ug/L	96

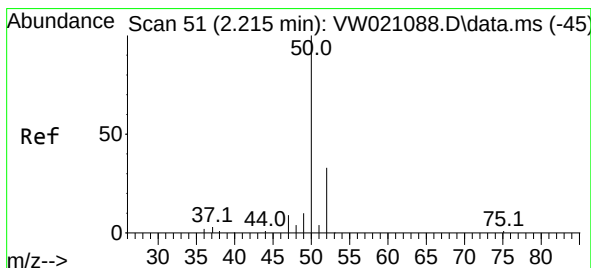
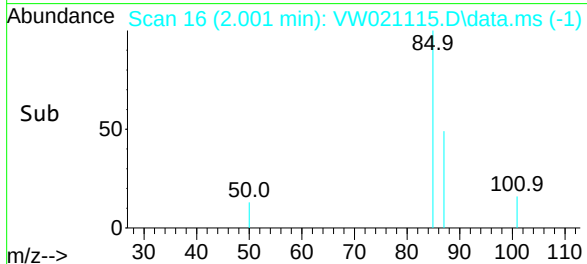
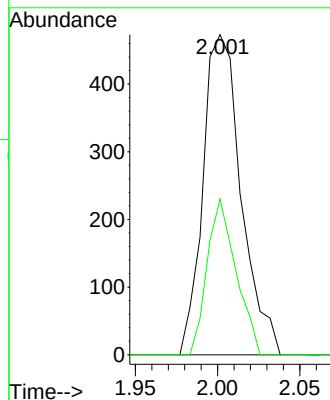
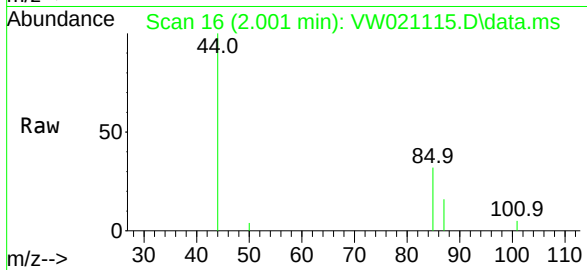
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 6.403 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

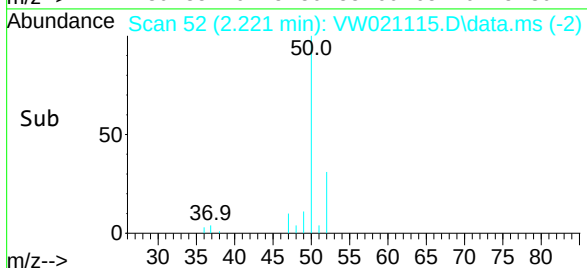
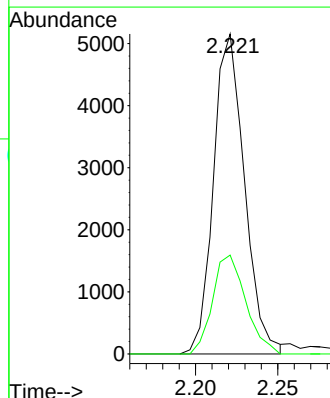
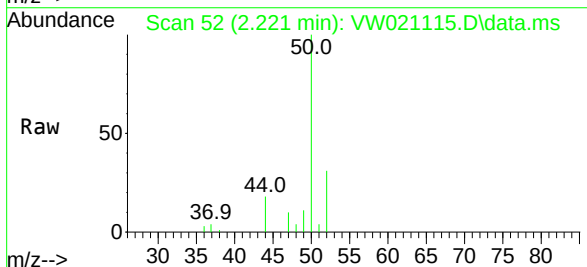
Instrument :
 MSVOA_W
 ClientSampleId :

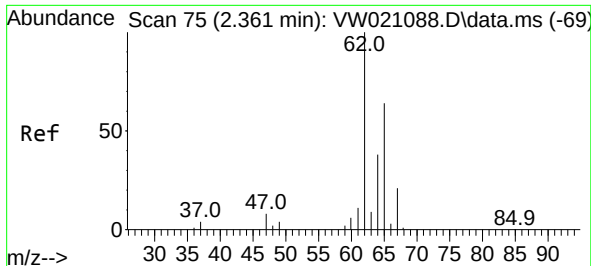
Tgt Ion: 85 Resp: 765
 Ion Ratio Lower Upper
 85 100
 87 36.7 25.8 38.6



#3
 Chloromethane
 Concen: 25.278 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

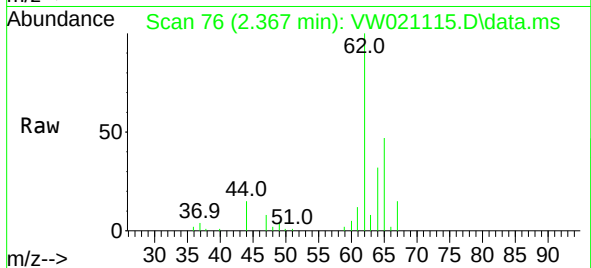
Tgt Ion: 50 Resp: 6761
 Ion Ratio Lower Upper
 50 100
 52 30.9 23.4 43.6



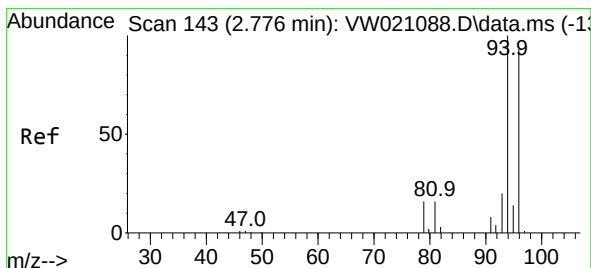
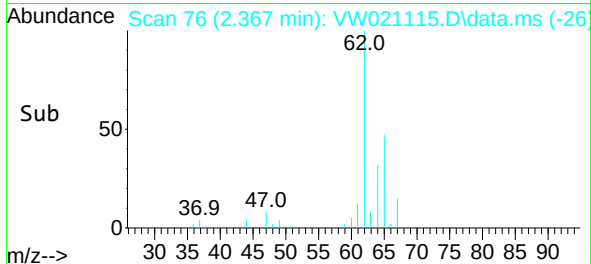
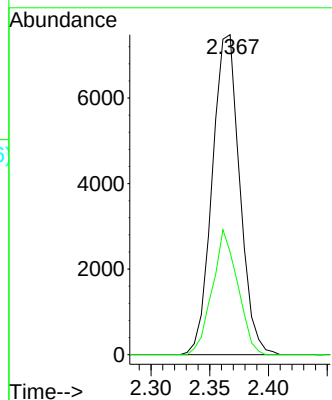


#5
 Vinyl chloride
 Concen: 26.153 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

Instrument :
 MSVOA_W
 ClientSampleId :

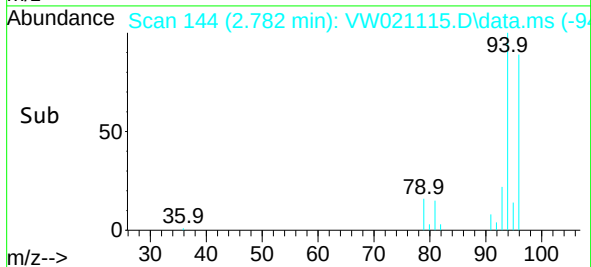
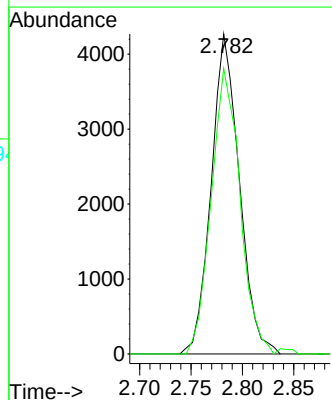
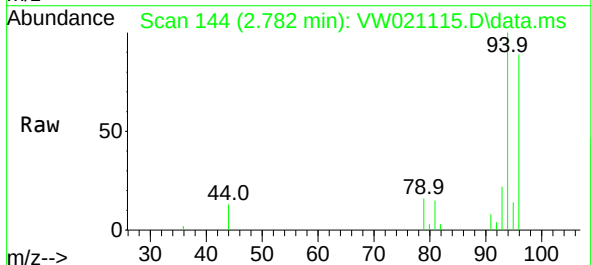


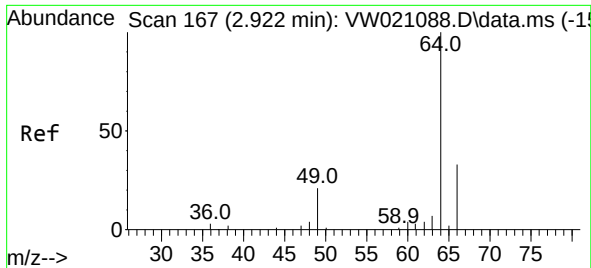
Tgt Ion: 62 Resp: 12152
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.4 45.2



#6
 Bromomethane
 Concen: 26.288 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

Tgt Ion: 94 Resp: 8122
 Ion Ratio Lower Upper
 94 100
 96 89.2 64.8 120.4

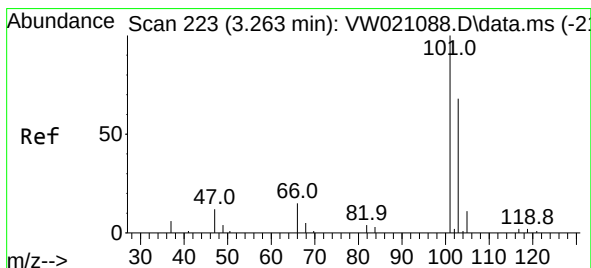
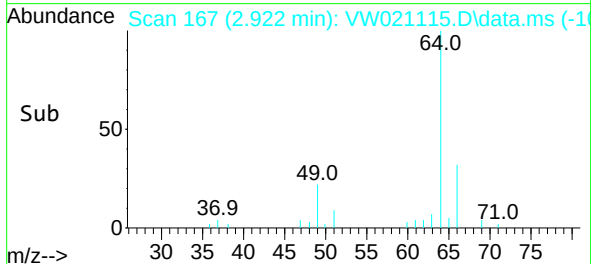
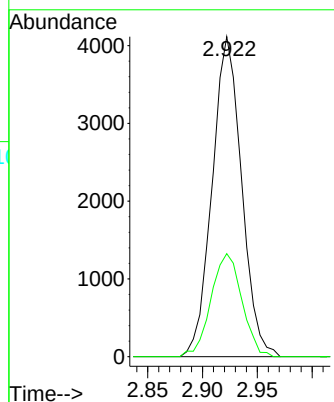
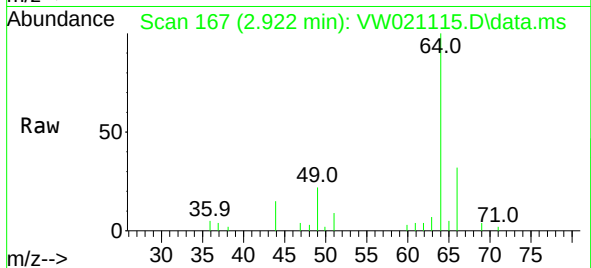




#8
Chloroethane
Concen: 39.680 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

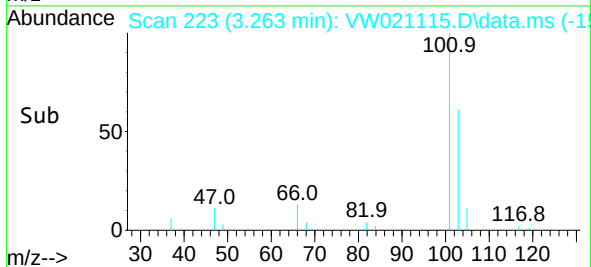
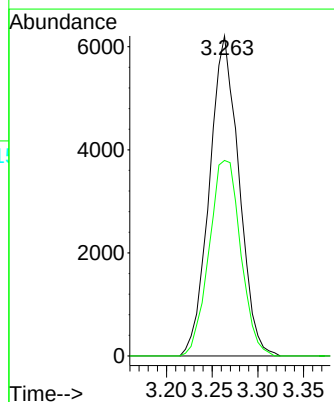
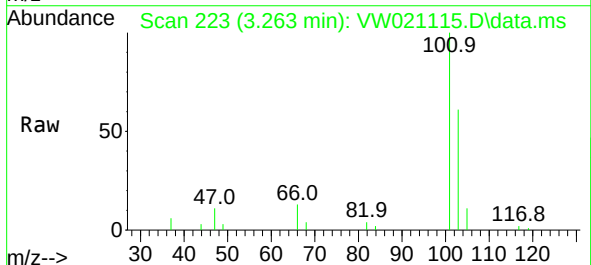
Instrument :
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ClientSampleId :

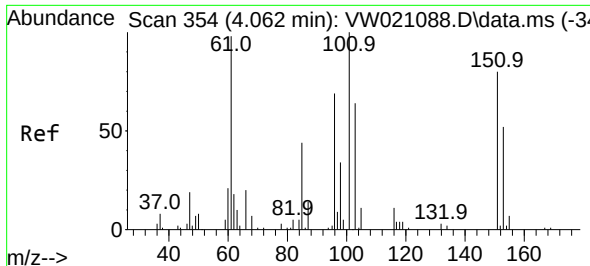
Tgt Ion: 64 Resp: 7684
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 62.105 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:101 Resp: 13934
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

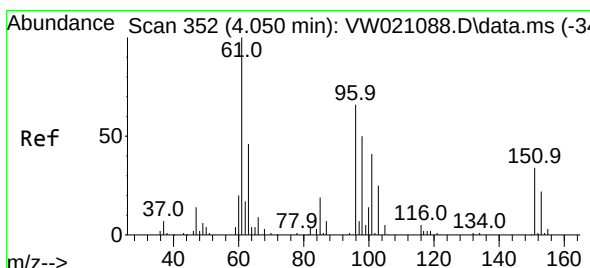
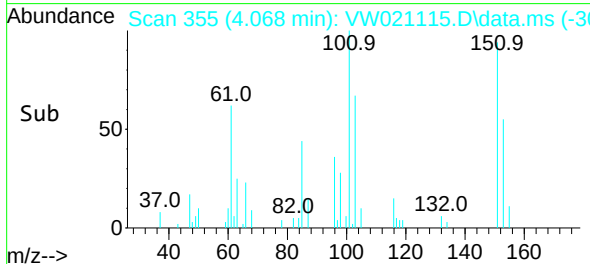
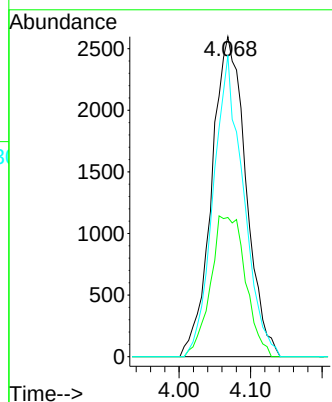
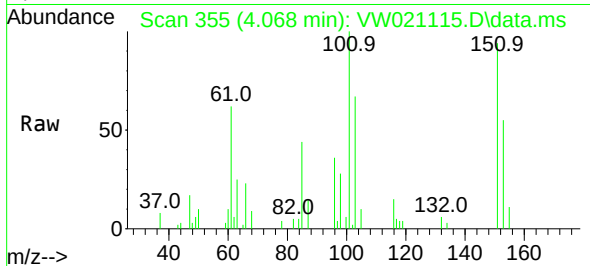




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.588 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

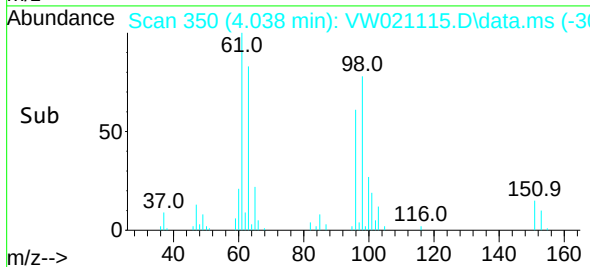
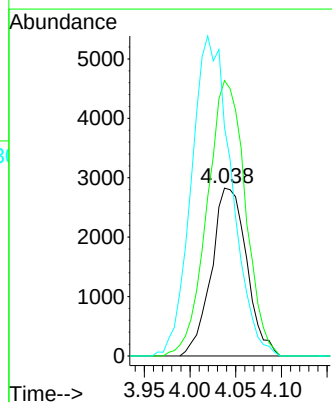
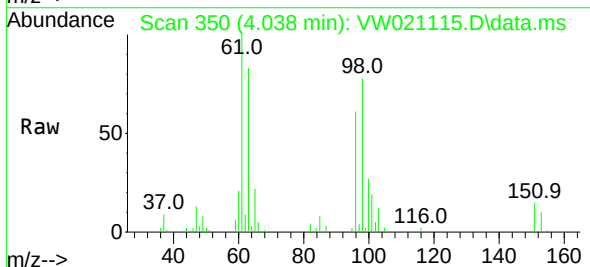
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 ClientSampleId :

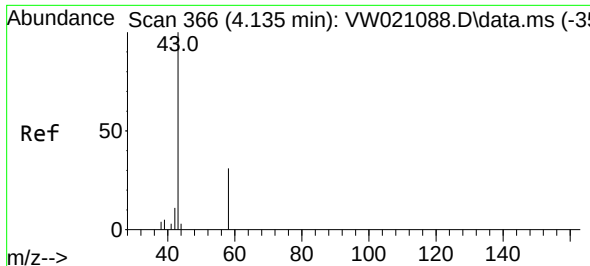
Tgt Ion:101 Resp: 8635
 Ion Ratio Lower Upper
 101 100
 85 28.8 36.6 54.8#
 151 82.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.868 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.012 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

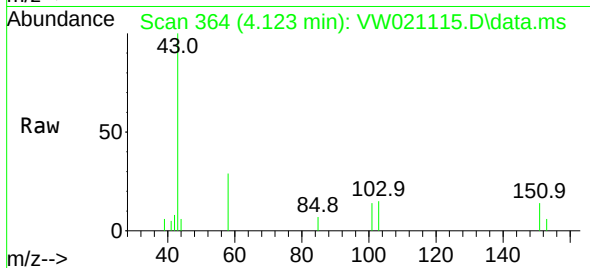
Tgt Ion: 96 Resp: 7578
 Ion Ratio Lower Upper
 96 100
 61 164.1 138.3 256.9
 63 136.1 82.6 153.4



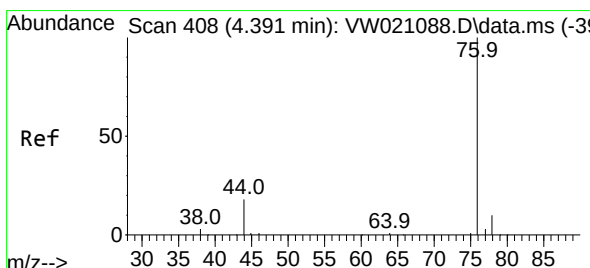
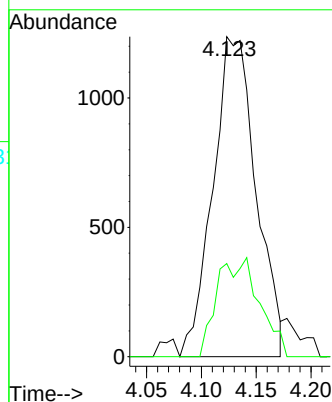
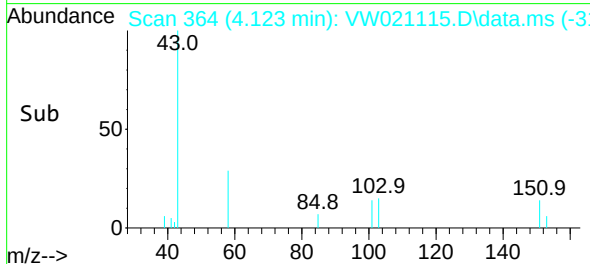


#13
Acetone
Concen: 47.805 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.012 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :

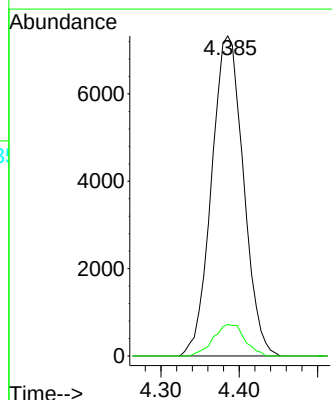
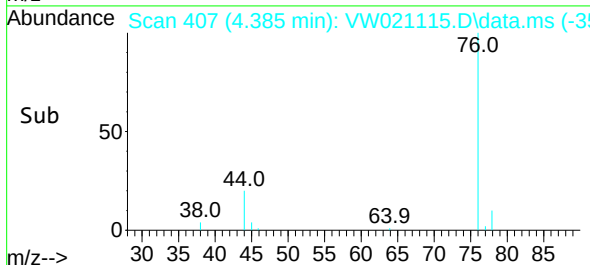
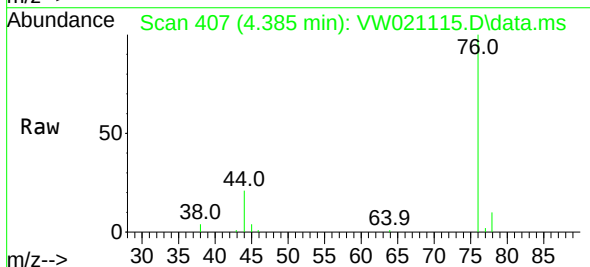


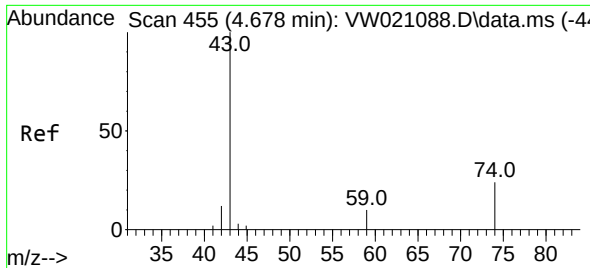
Tgt Ion: 43 Resp: 3385
Ion Ratio Lower Upper
43 100
58 13.9 0.0 52.8



#14
Carbon disulfide
Concen: 23.503 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 76 Resp: 20712
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

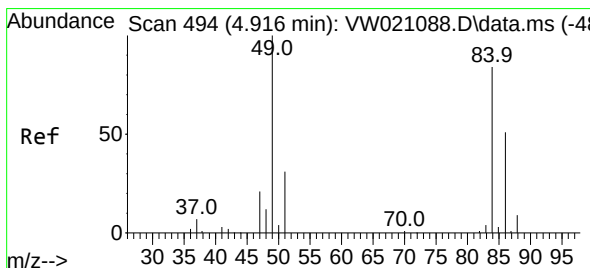
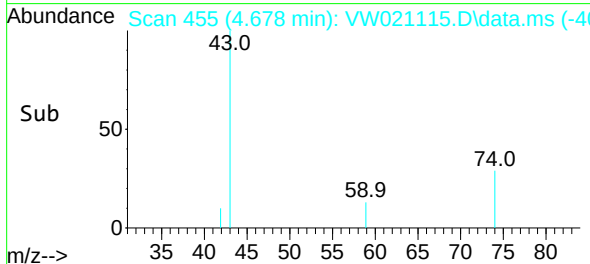
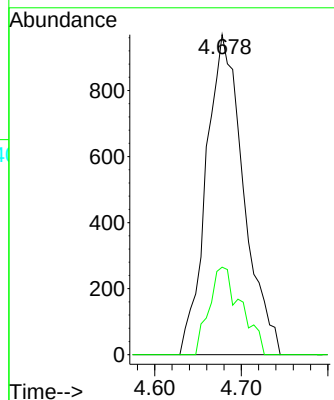
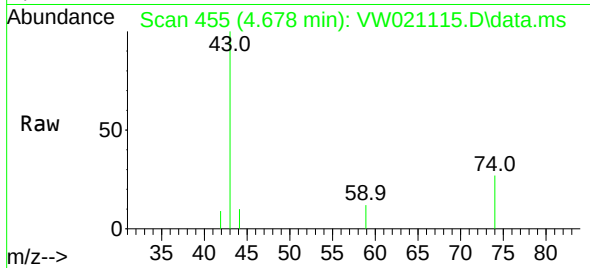




#15
Methyl Acetate
Concen: 22.611 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

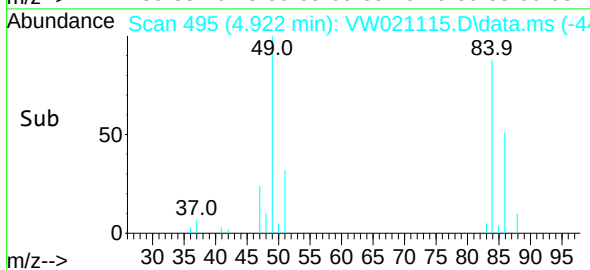
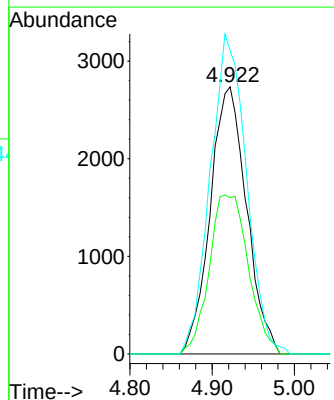
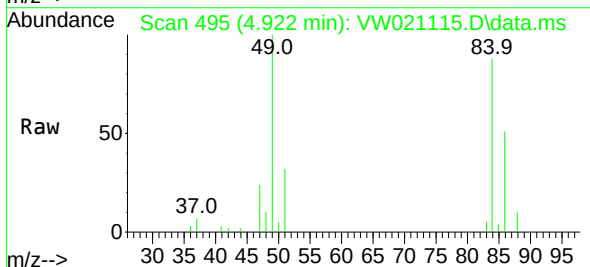
Instrument :
MSVOA_W
ClientSampleId :

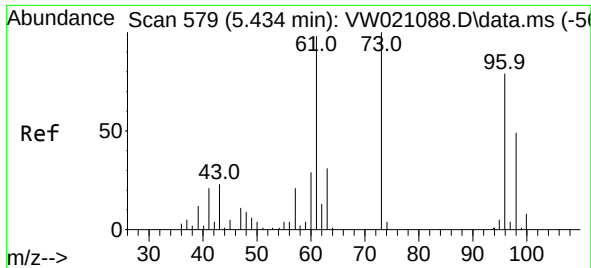
Tgt Ion: 43 Resp: 2903
Ion Ratio Lower Upper
43 100
74 16.2 16.4 24.6#



#16
Methylene chloride
Concen: 21.813 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 84 Resp: 8406
Ion Ratio Lower Upper
84 100
86 58.5 45.5 84.5
49 113.6 100.5 186.7



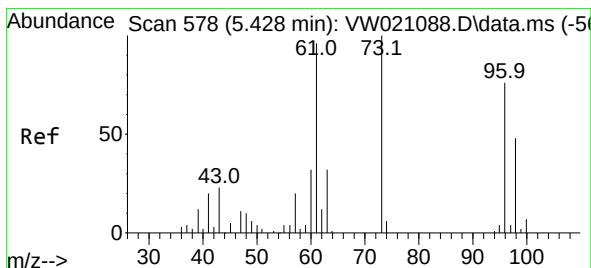
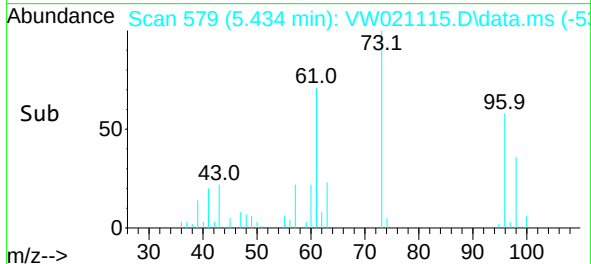
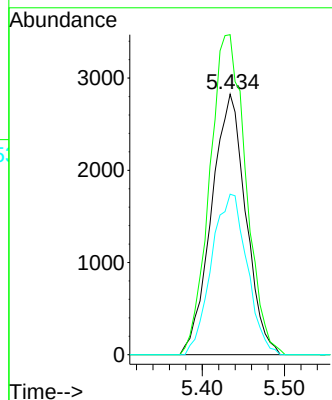
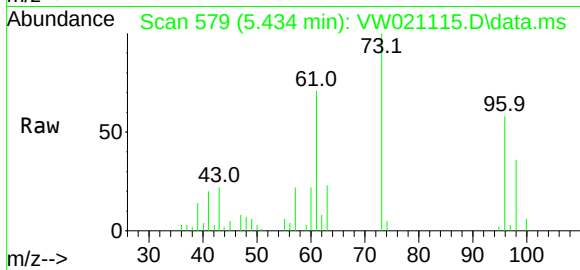


#17
 trans-1,2-Dichloroethene
 Concen: 24.322 ug/L
 RT: 5.434 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 8222

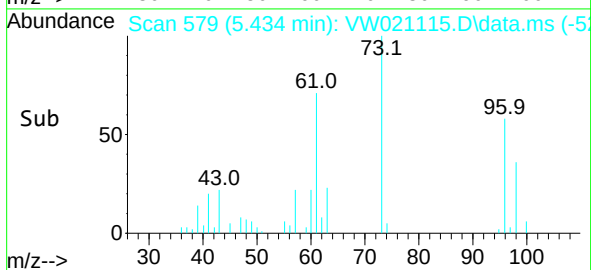
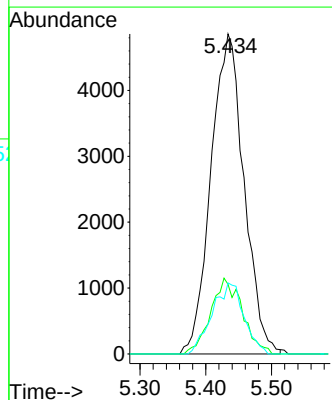
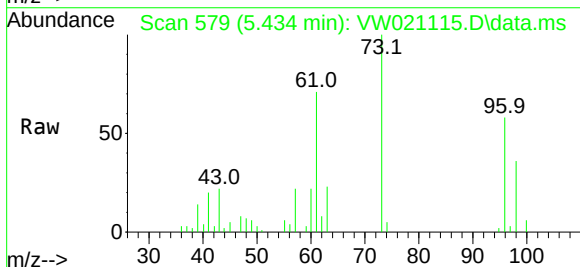
Ion	Ratio	Lower	Upper
96	100		
61	122.8	107.4	199.4
98	61.6	41.2	76.6

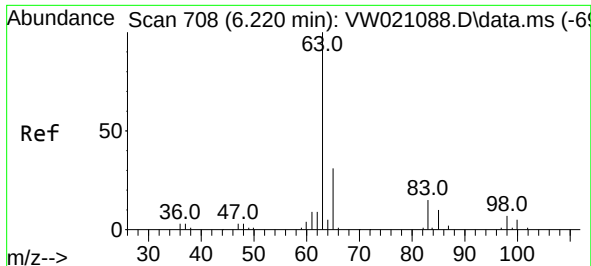


#18
 Methyl tert-butyl Ether
 Concen: 33.298 ug/L
 RT: 5.434 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

Tgt Ion: 73 Resp: 16989

Ion	Ratio	Lower	Upper
73	100		
43	15.0	19.5	29.3#
57	11.9	19.3	28.9#





#19

1,1-Dichloroethane

Concen: 24.183 ug/L

RT: 6.226 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW021115.D

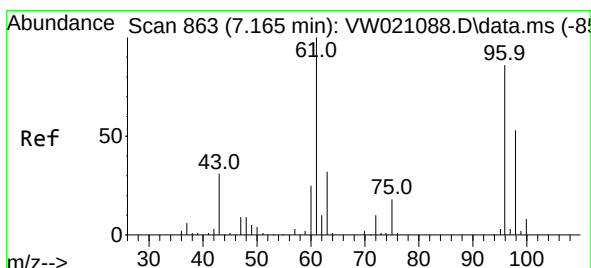
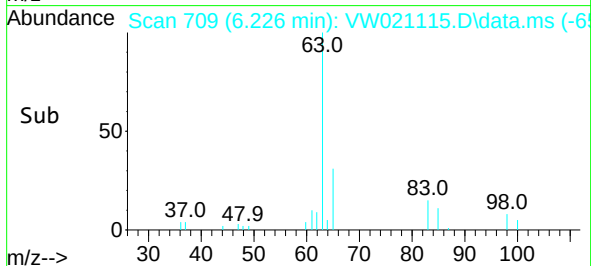
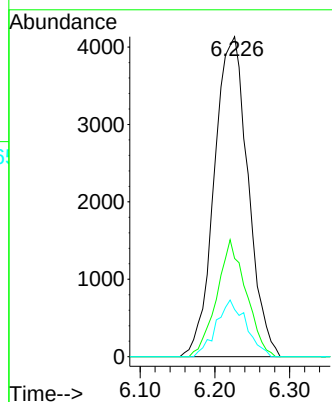
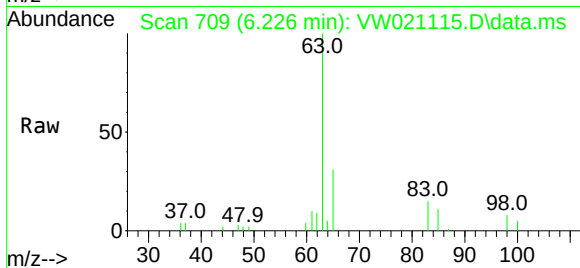
Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 12963
Ion Ratio	Lower Upper
63 100	
65 30.7	22.1 41.1
83 14.8	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.682 ug/L

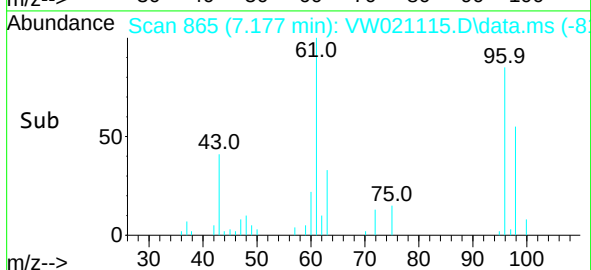
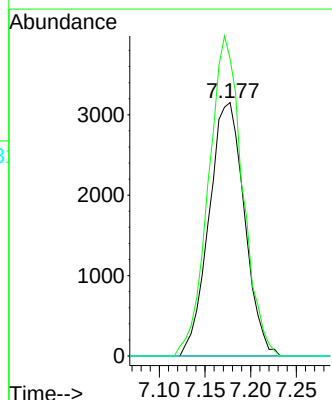
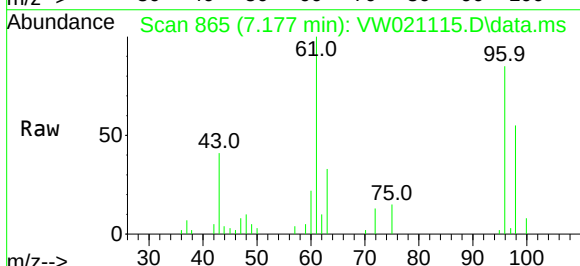
RT: 7.177 min Scan# 865

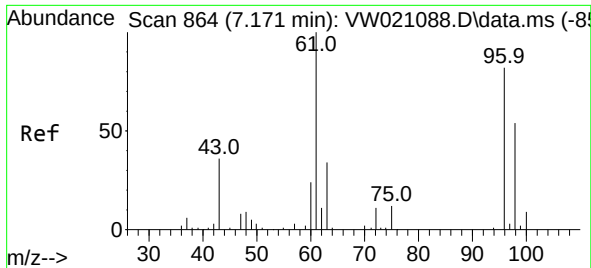
Delta R.T. 0.012 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Tgt Ion: 96	Resp: 8493
Ion Ratio	Lower Upper
96 100	
61 117.2	103.7 192.7
68 0.0	0.0 0.0

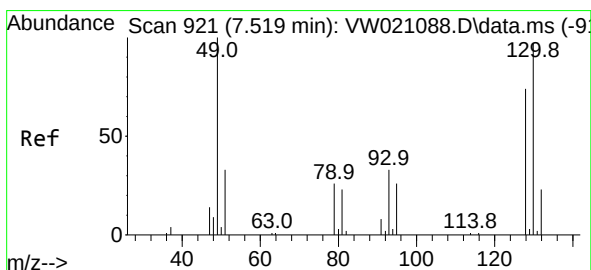
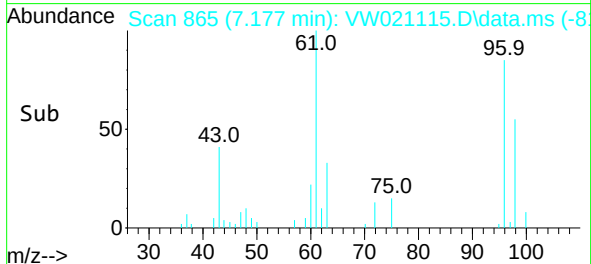
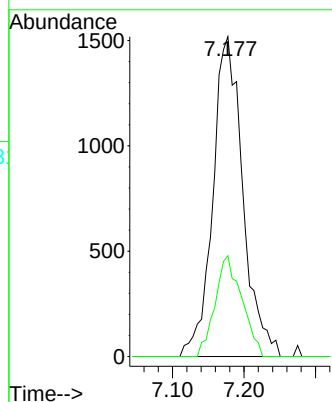
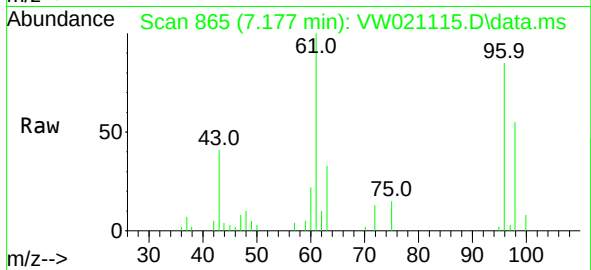




#22
2-Butanone
Concen: 45.097 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

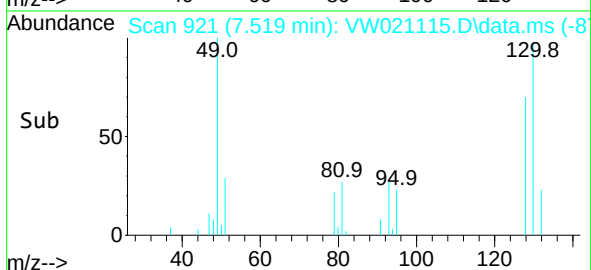
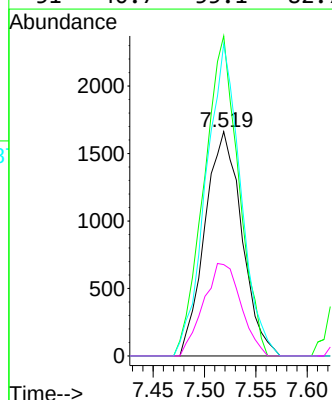
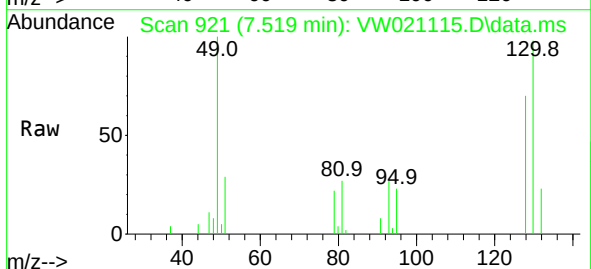
Instrument :
MSVOA_W
ClientSampleId :

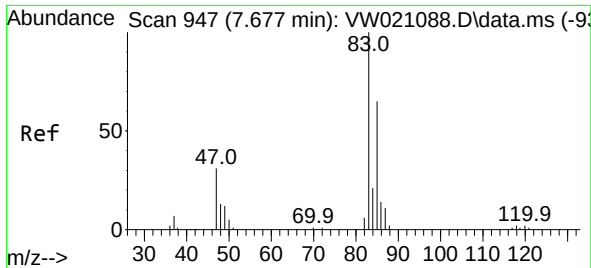
Tgt Ion: 43 Resp: 4419
Ion Ratio Lower Upper
43 100
72 28.1 11.8 35.4



#23
Bromochloromethane
Concen: 24.803 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 128 Resp: 4162
Ion Ratio Lower Upper
128 100
49 142.7 150.3 279.1#
130 139.1 88.3 163.9
51 40.7 55.1 82.7#

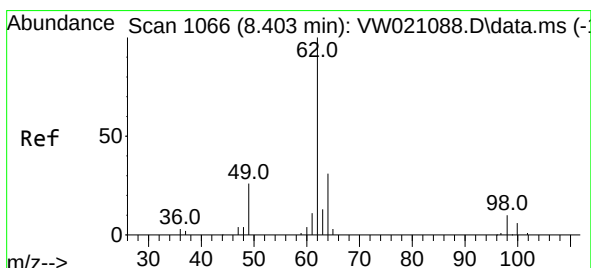
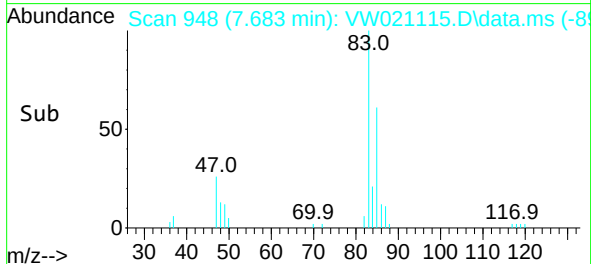
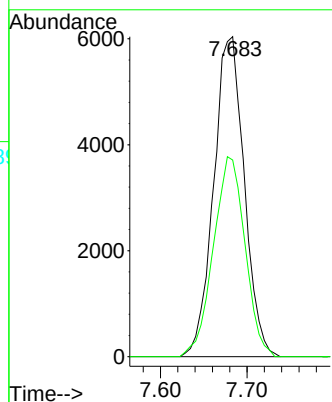
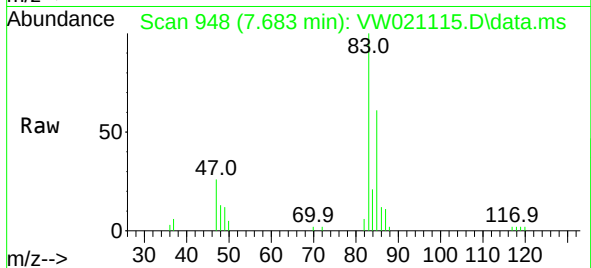




#25
Chloroform
Concen: 24.628 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

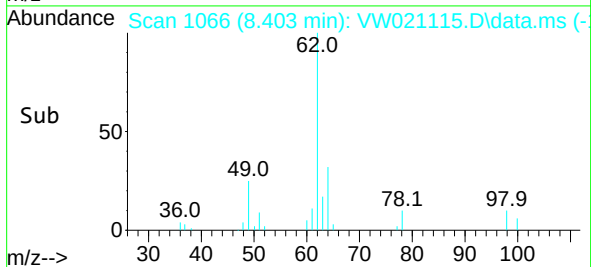
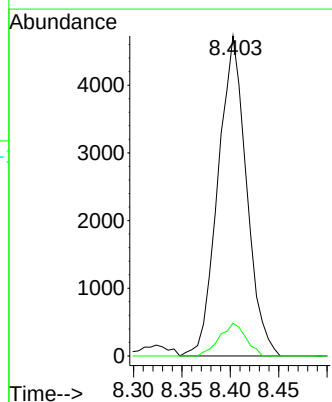
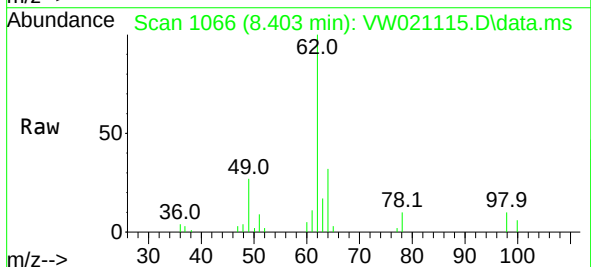
Instrument :
MSVOA_W
ClientSampleId :

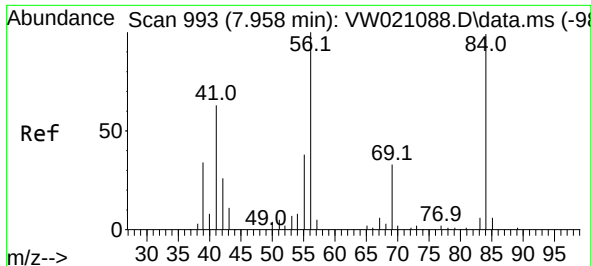
Tgt Ion: 83 Resp: 14819
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.567 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

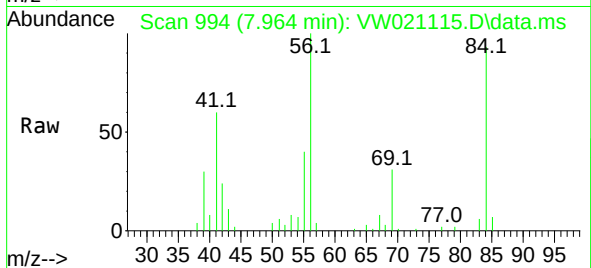
Tgt Ion: 62 Resp: 9670
Ion Ratio Lower Upper
62 100
98 10.2 6.5 9.7#



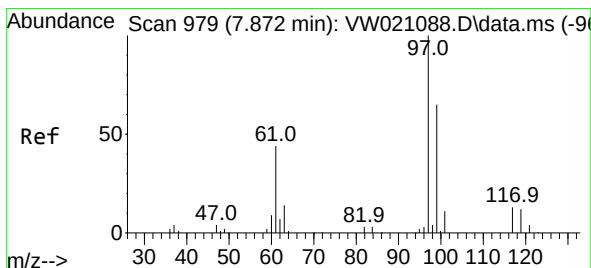
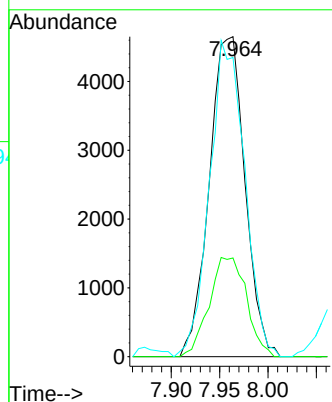
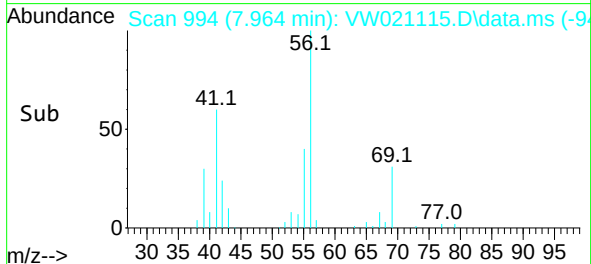


#29
Cyclohexane
Concen: 22.133 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :

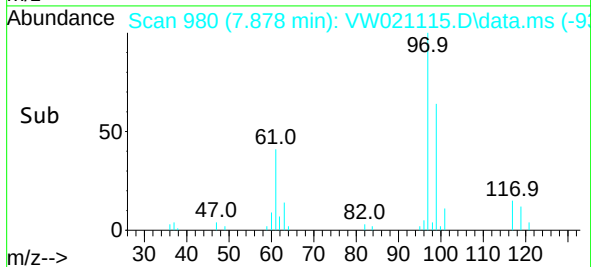
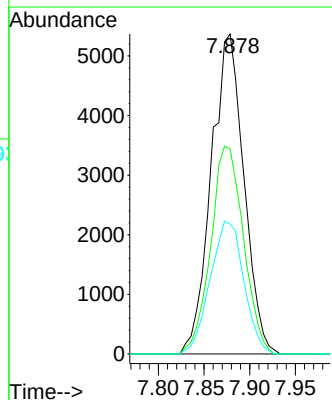
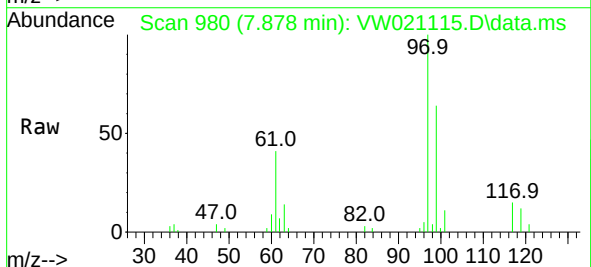


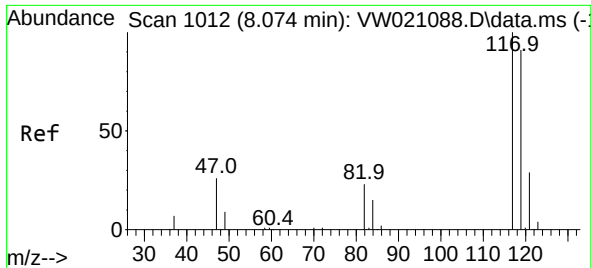
Tgt Ion: 56 Resp: 11935
Ion Ratio Lower Upper
56 100
69 32.4 23.5 35.3
84 97.2 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 23.399 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 97 Resp: 13336
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 42.8 40.9 61.3

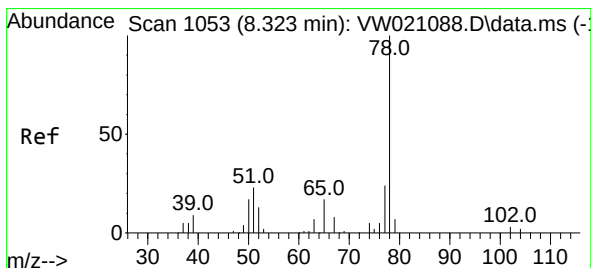
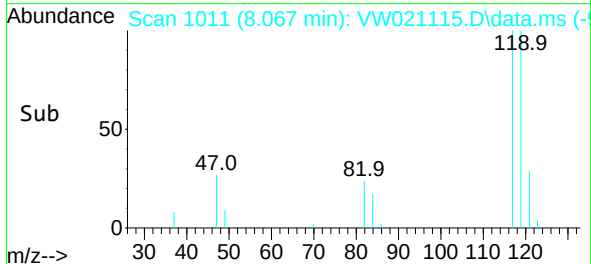
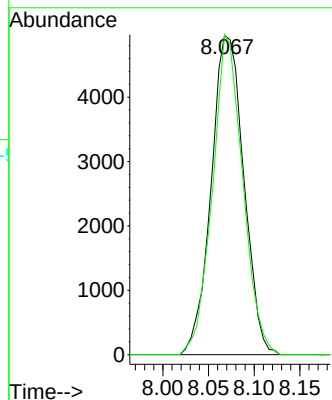
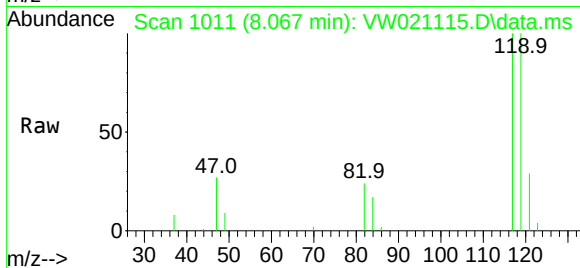




#31
Carbon tetrachloride
Concen: 23.189 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

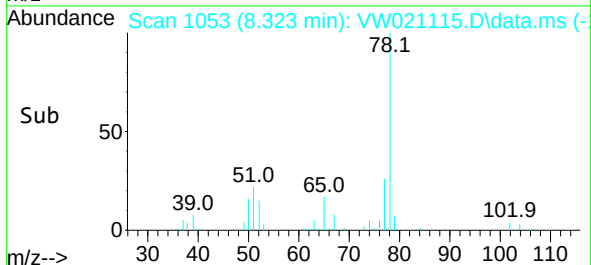
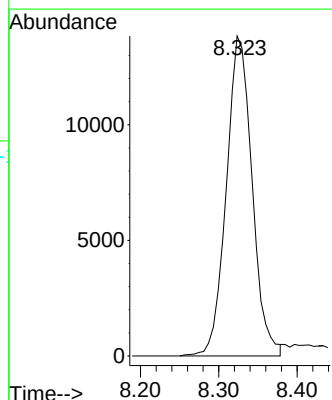
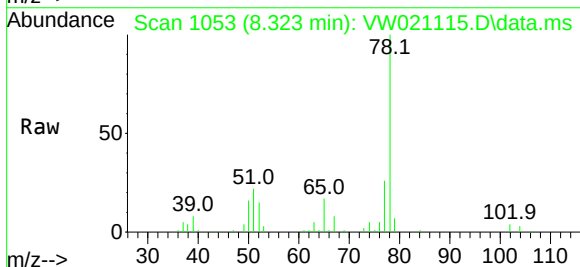
Instrument :
MSVOA_W
ClientSampleId :

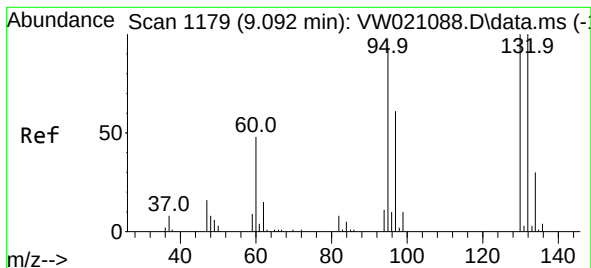
Tgt Ion:117 Resp: 12281
Ion Ratio Lower Upper
117 100
119 93.4 75.7 113.5



#33
Benzene
Concen: 22.787 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 78 Resp: 31675





#34

Trichloroethene

Concen: 26.277 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

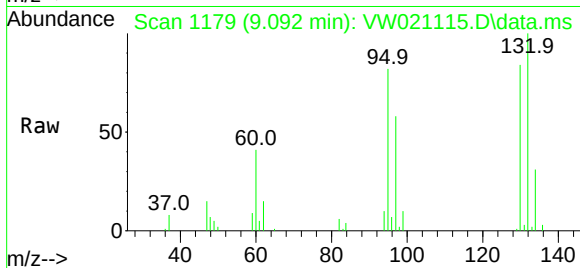
Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 10077

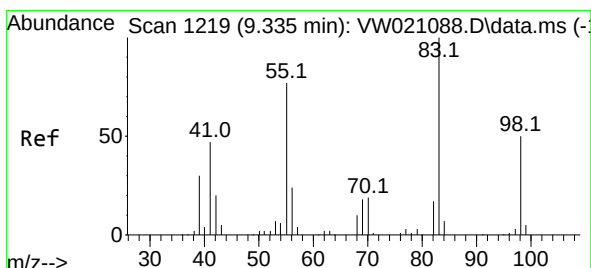
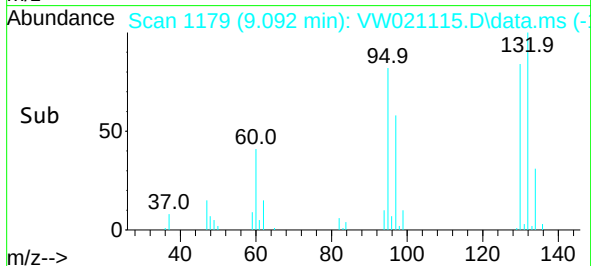
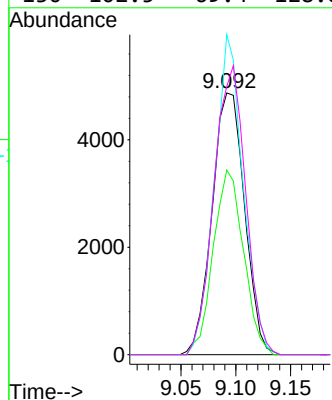
Ion Ratio Lower Upper

95 100

97 70.5 47.0 87.2

132 122.3 65.5 121.6#

130 102.5 69.4 128.8



#35

Methylcyclohexane

Concen: 22.581 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

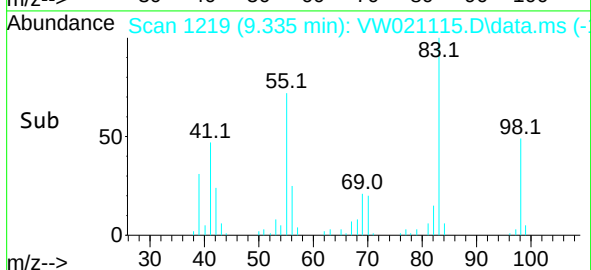
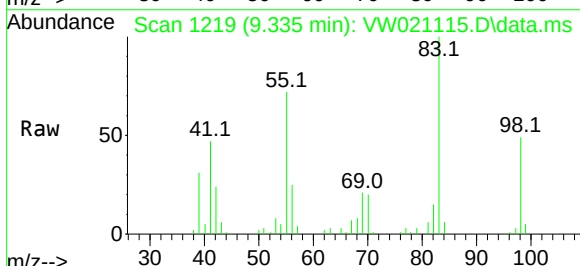
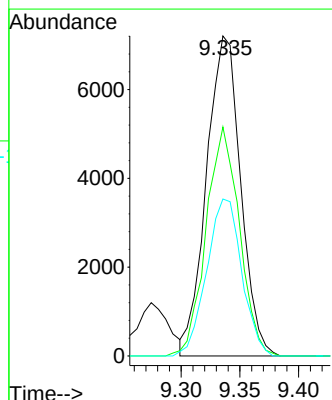
Tgt Ion: 83 Resp: 14576

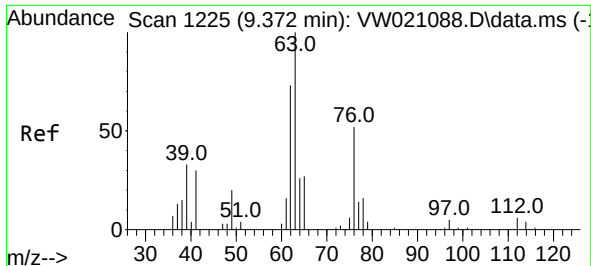
Ion Ratio Lower Upper

83 100

55 69.7 70.8 106.2#

98 50.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 22.357 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

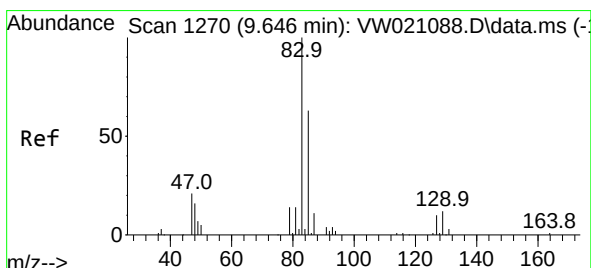
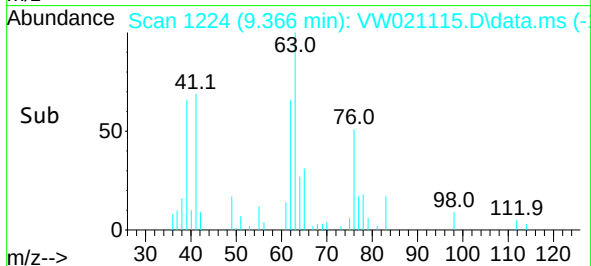
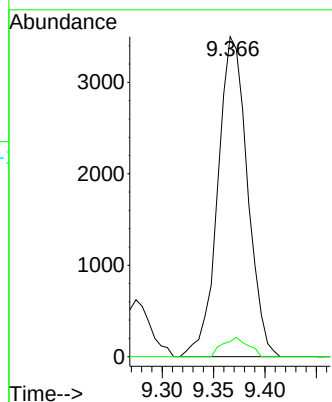
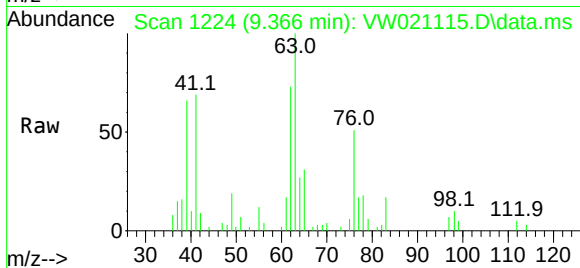
ClientSampleId :

Tgt Ion: 63 Resp: 7024

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 20.555 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

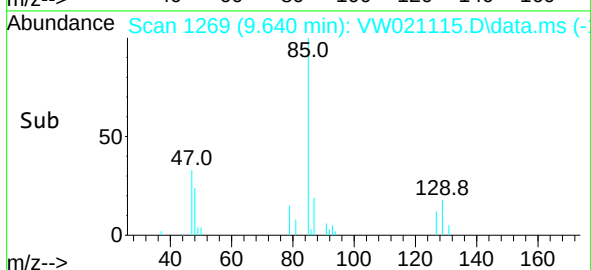
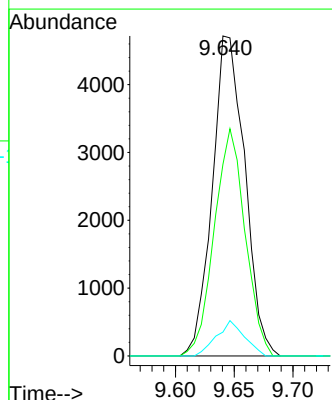
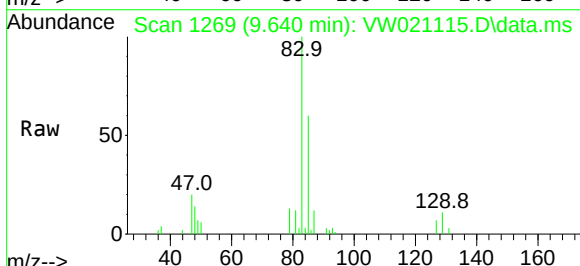
Tgt Ion: 83 Resp: 9078

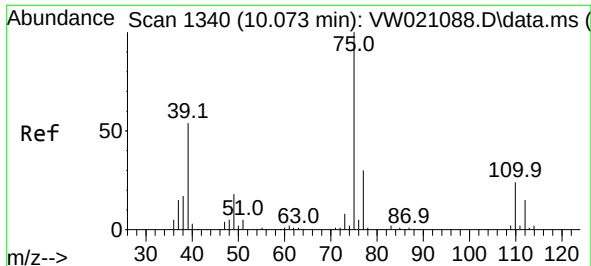
Ion Ratio Lower Upper

83 100

85 59.8 44.1 81.9

127 7.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 21.022 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

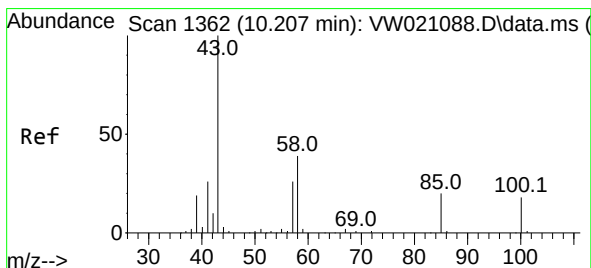
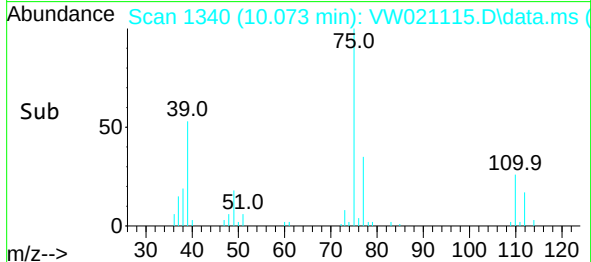
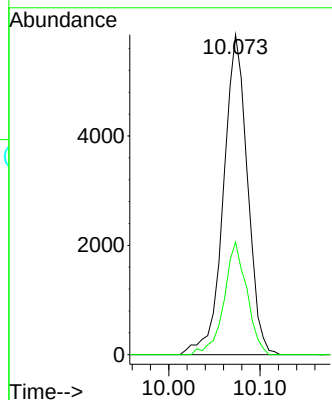
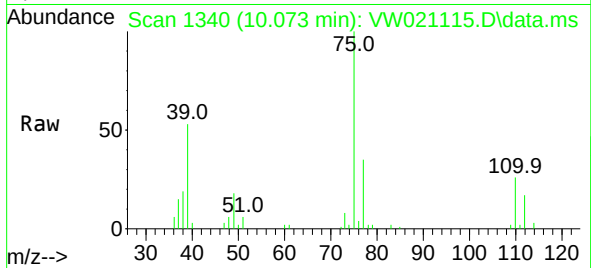
ClientSampleId :

Tgt Ion: 75 Resp: 10683

Ion Ratio Lower Upper

75 100

77 35.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 39.785 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

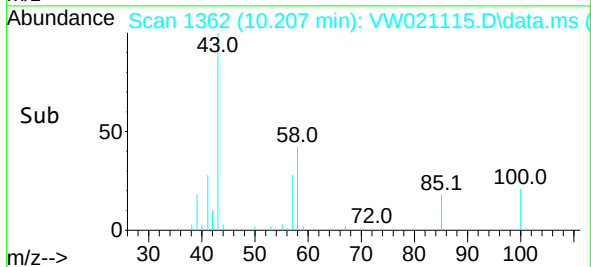
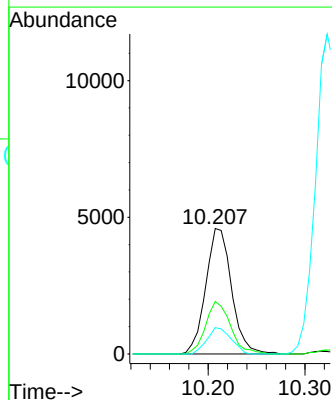
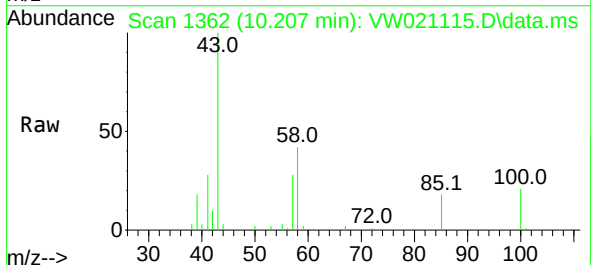
Tgt Ion: 43 Resp: 8515

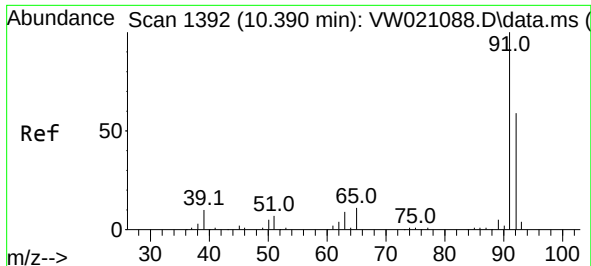
Ion Ratio Lower Upper

43 100

58 40.3 28.8 43.2

100 19.5 10.0 15.0#





#42

Toluene

Concen: 22.083 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

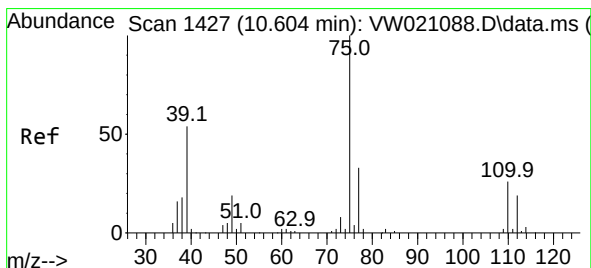
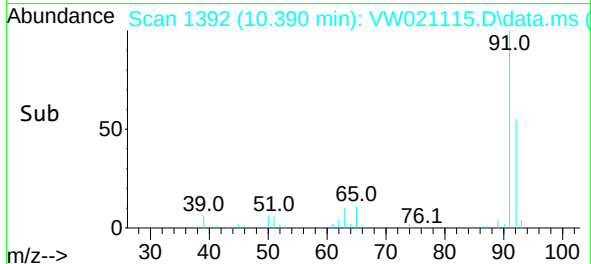
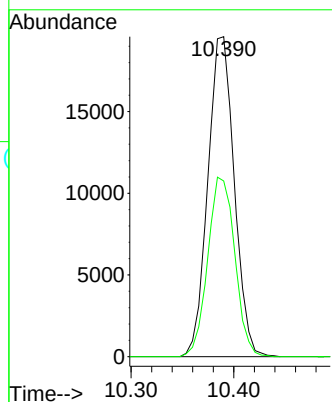
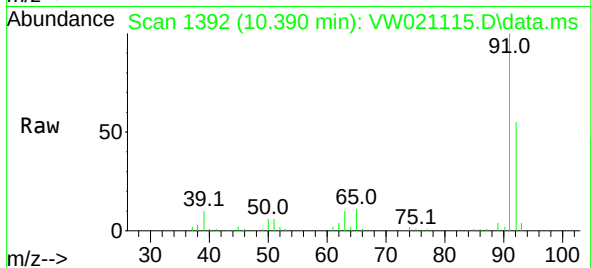
ClientSampleId :

Tgt Ion: 91 Resp: 35061

Ion Ratio Lower Upper

91 100

92 54.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 19.908 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW021115.D

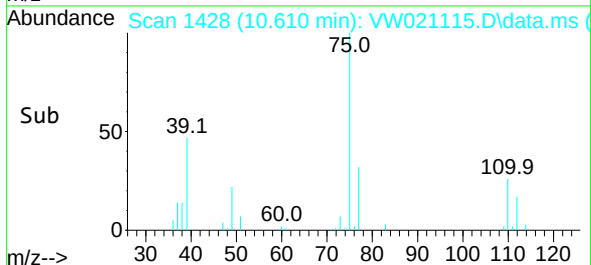
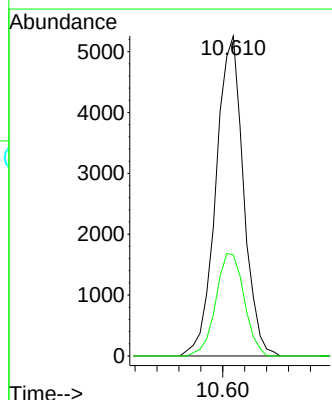
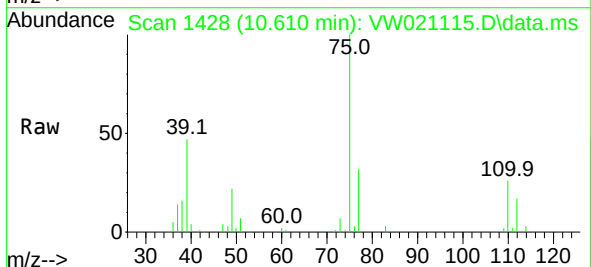
Acq: 04 Dec 2021 13:48

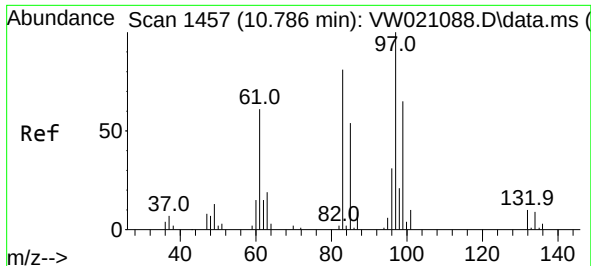
Tgt Ion: 75 Resp: 9153

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2

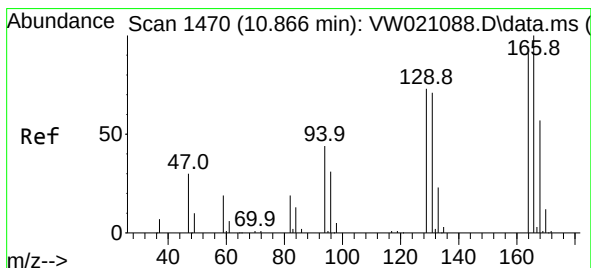
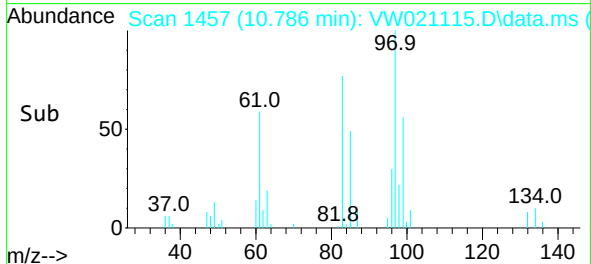
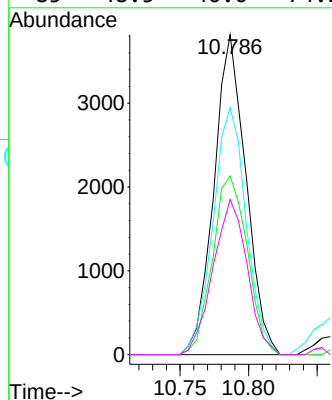
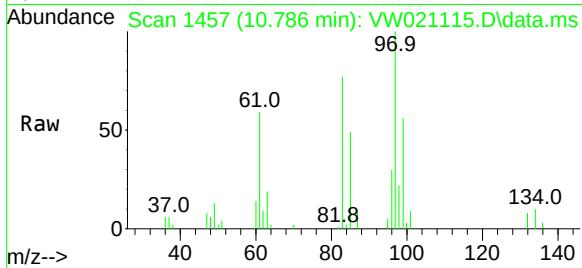




#45
1,1,2-Trichloroethane
Concen: 23.512 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

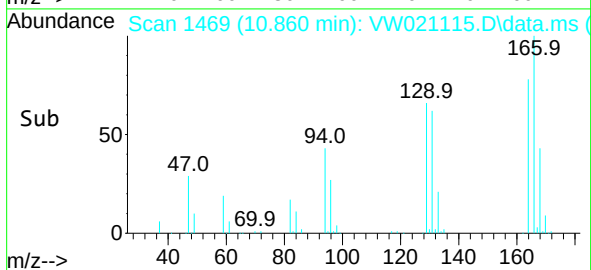
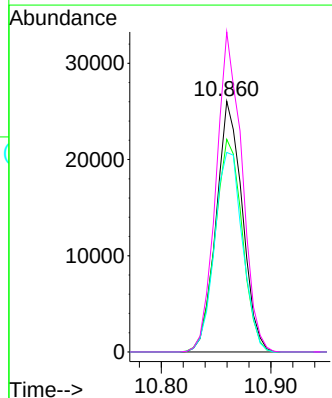
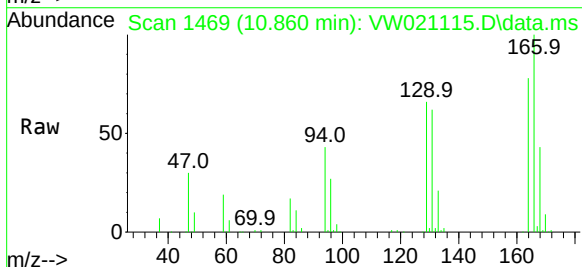
Instrument :
MSVOA_W
ClientSampleId :

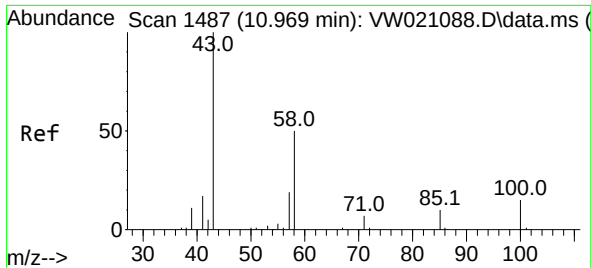
Tgt Ion: 97	Resp: 6193
Ion Ratio	Lower Upper
97 100	
99 55.8	43.0 79.8
83 77.1	62.6 116.3
85 48.5	40.0 74.2



#46
Tetrachloroethene
Concen: 122.899 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

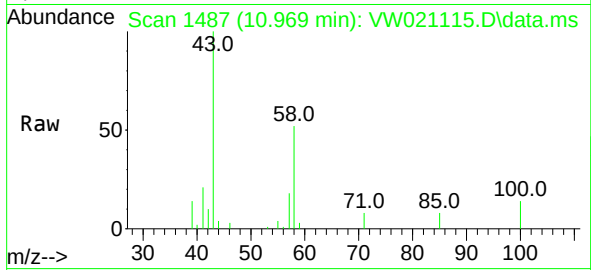
Tgt	Ion:164	Resp:	43157
Ion	Ratio	Lower	Upper
164	100		
129	84.8	65.5	121.7
131	79.6	59.7	110.9
166	127.6	88.7	164.7



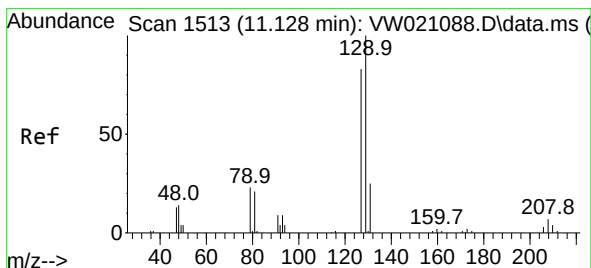
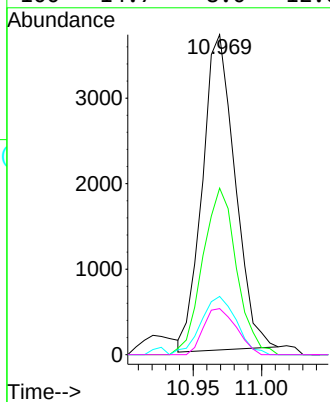
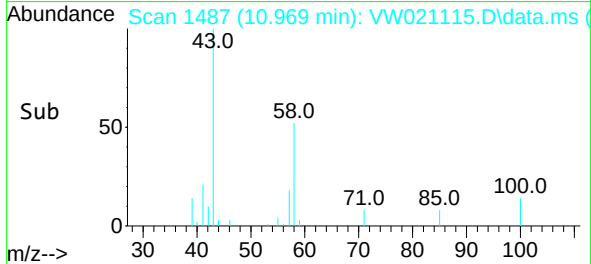


#48
2-Hexanone
Concen: 39.619 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :

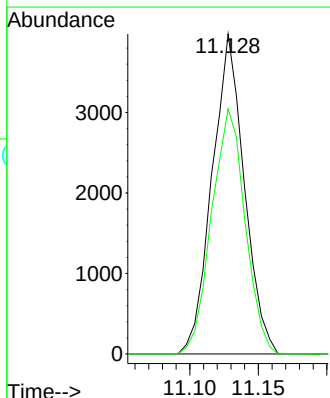
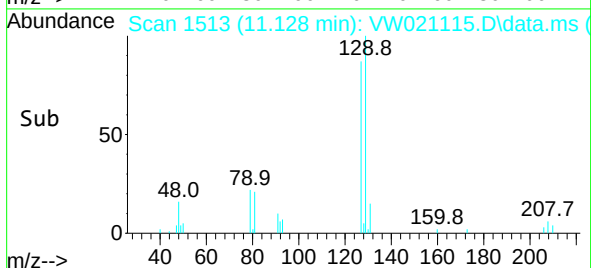
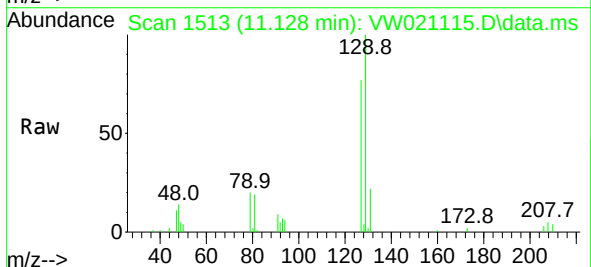


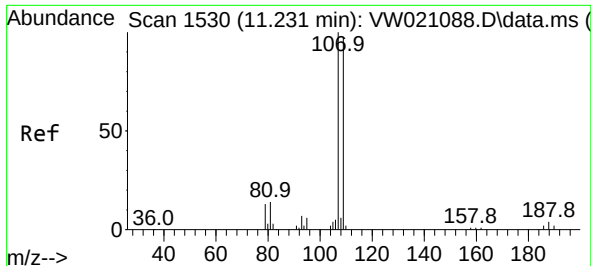
Tgt Ion: 43 Resp: 6117
Ion Ratio Lower Upper
43 100
58 54.8 40.2 60.2
57 20.0 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 19.690 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 129 Resp: 6482
Ion Ratio Lower Upper
129 100
127 76.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.330 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

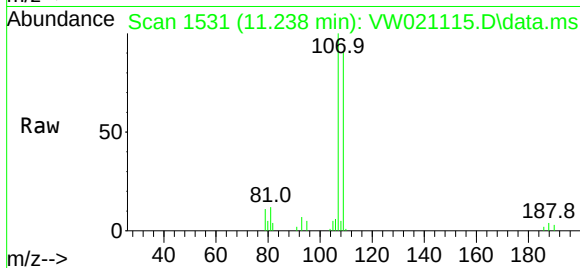
Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :



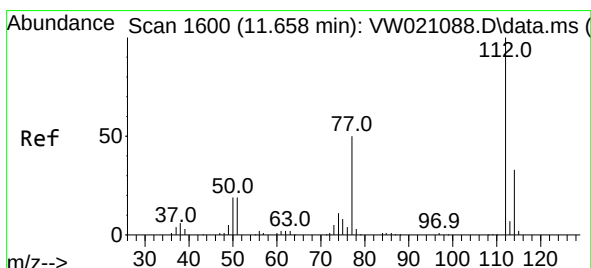
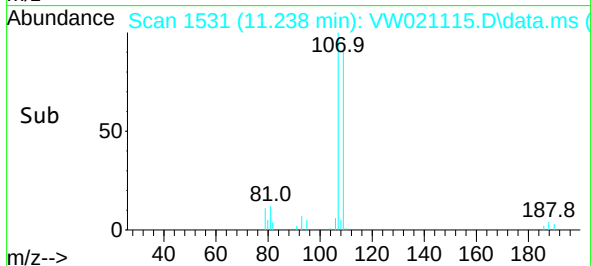
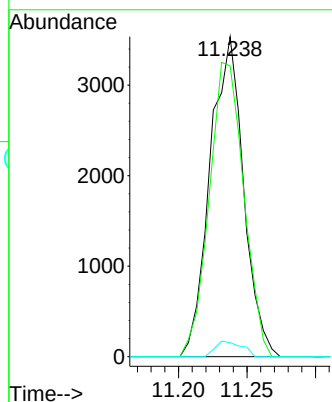
Tgt Ion:107 Resp: 5998

Ion Ratio Lower Upper

107 100

109 90.9 64.1 119.1

188 4.4 2.6 3.8#



#51

Chlorobenzene

Concen: 21.386 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

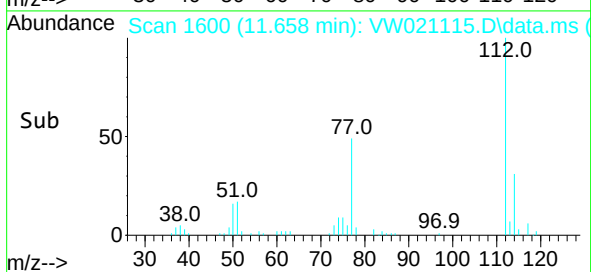
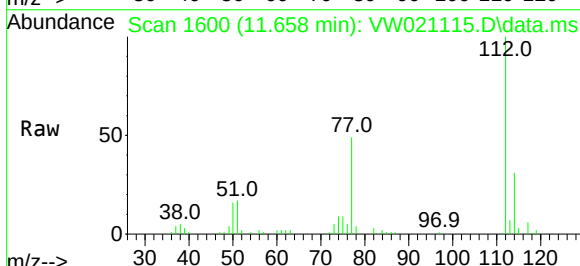
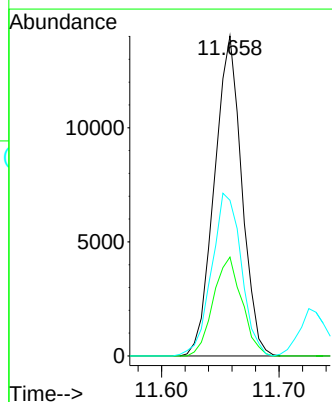
Tgt Ion:112 Resp: 22688

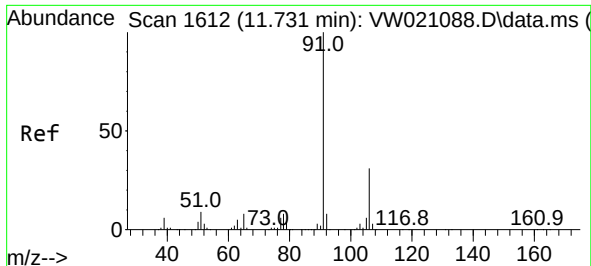
Ion Ratio Lower Upper

112 100

114 30.9 22.4 41.6

77 48.6 50.2 75.4#

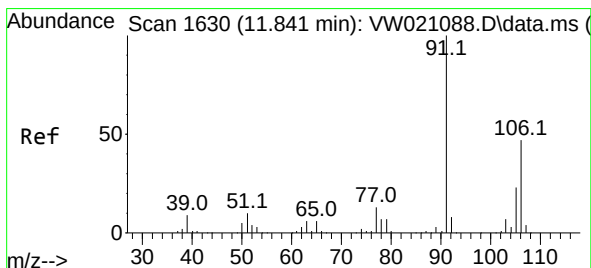
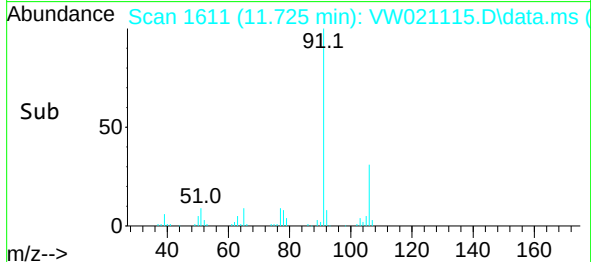
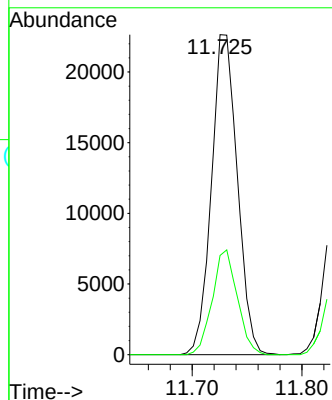
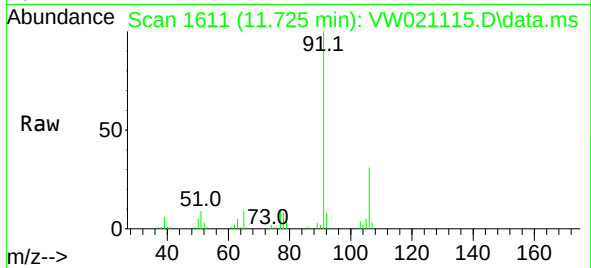




#52
Ethylbenzene
Concen: 20.836 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

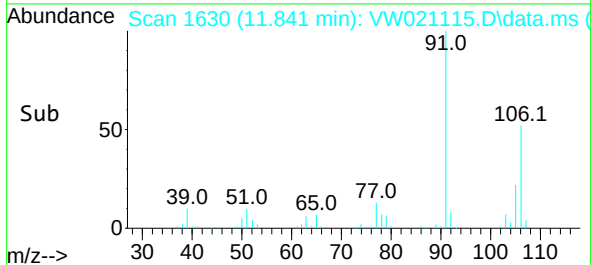
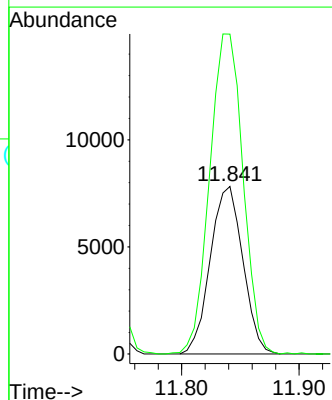
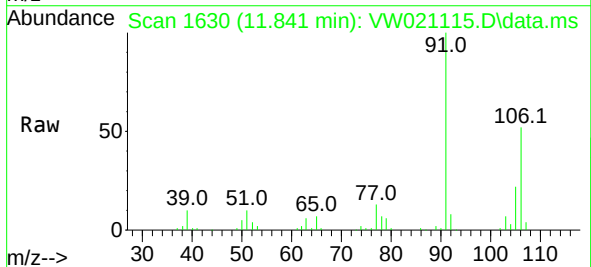
Instrument :
MSVOA_W
ClientSampleId :

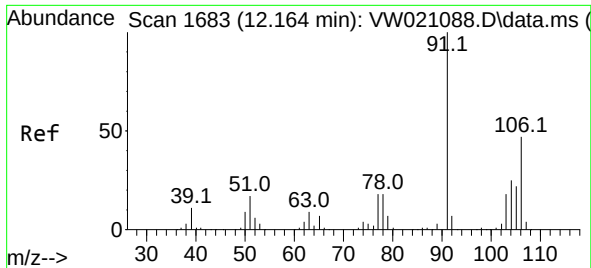
Tgt Ion: 91 Resp: 37242
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 20.385 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:106 Resp: 15073
Ion Ratio Lower Upper
106 100
91 190.9 149.9 278.3

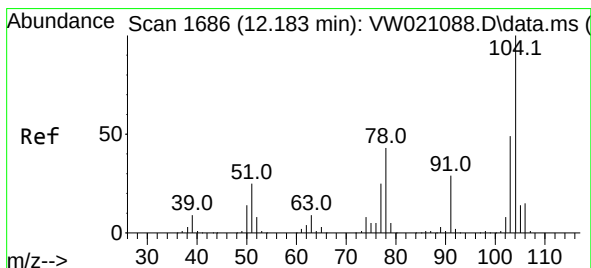
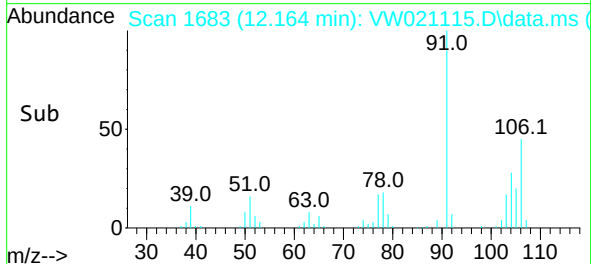
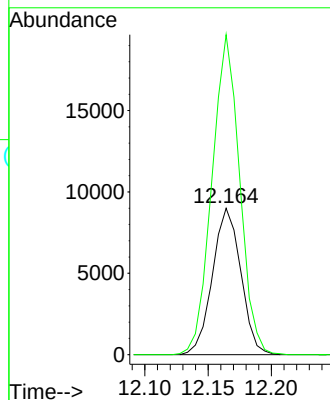
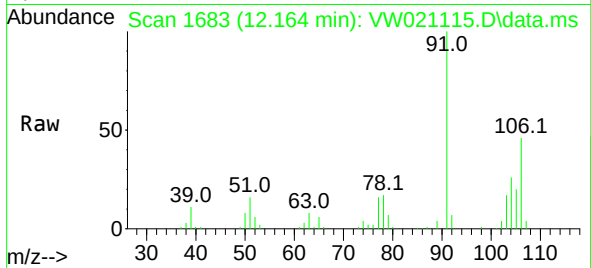




#54
o-Xylene
Concen: 20.117 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

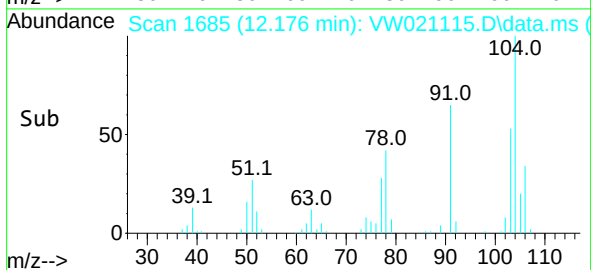
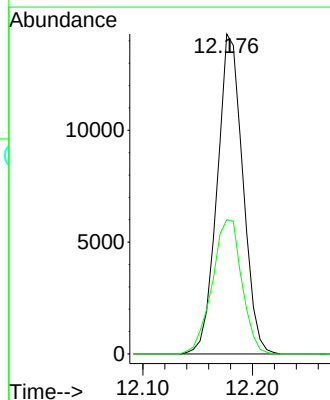
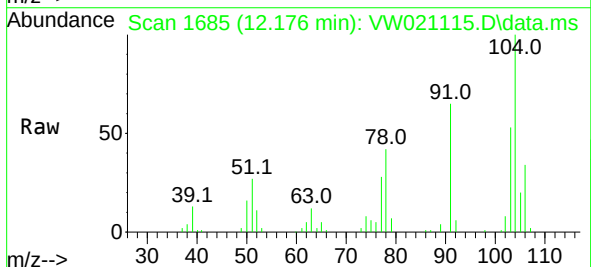
Instrument :
MSVOA_W
ClientSampleId :

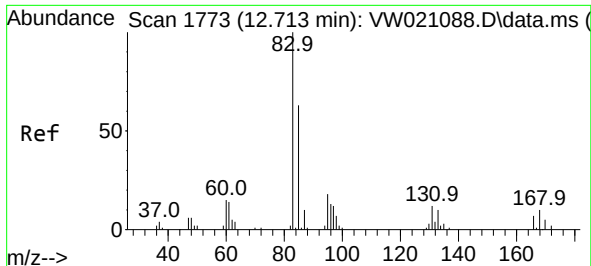
Tgt Ion:106 Resp: 14024
Ion Ratio Lower Upper
106 100
91 218.5 153.6 285.3



#55
Styrene
Concen: 19.584 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:104 Resp: 23261
Ion Ratio Lower Upper
104 100
78 42.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.306 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

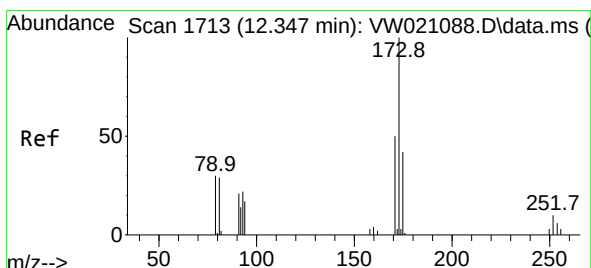
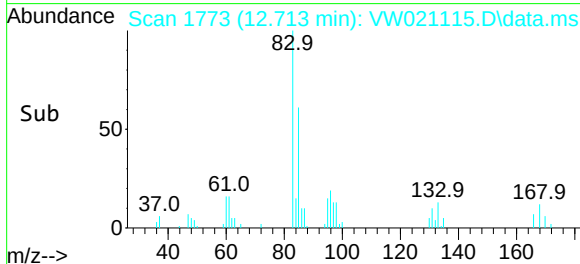
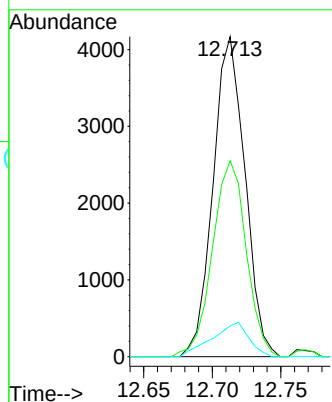
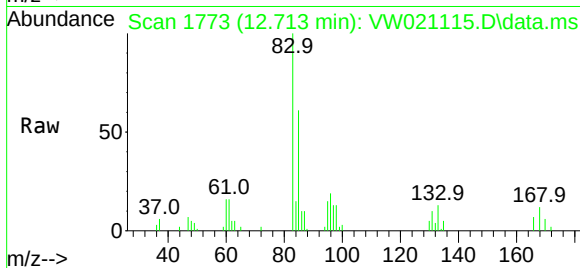
Tgt Ion: 83 Resp: 6750

Ion Ratio Lower Upper

83 100

85 61.3 44.0 81.6

131 9.6 6.9 10.3



#59

Bromoform

Concen: 17.879 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

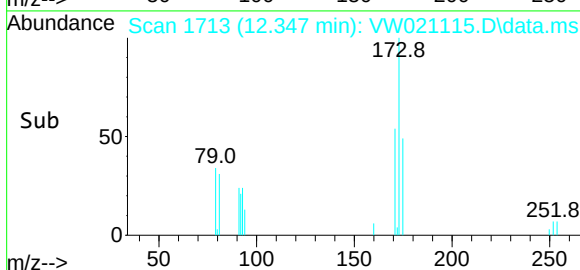
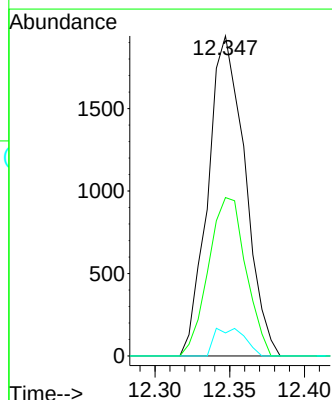
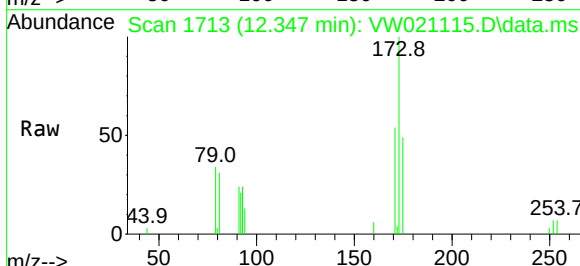
Tgt Ion:173 Resp: 3337

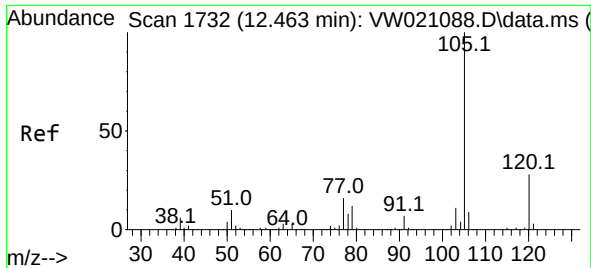
Ion Ratio Lower Upper

173 100

175 50.1 39.6 59.4

254 7.1 7.4 11.0#

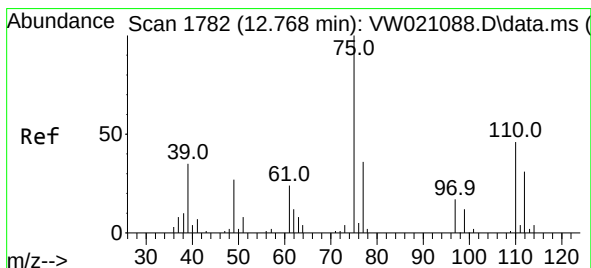
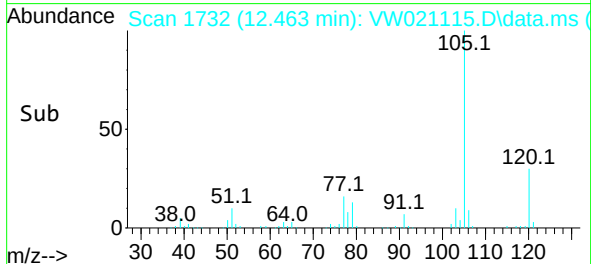
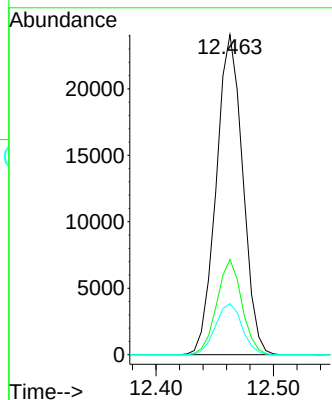
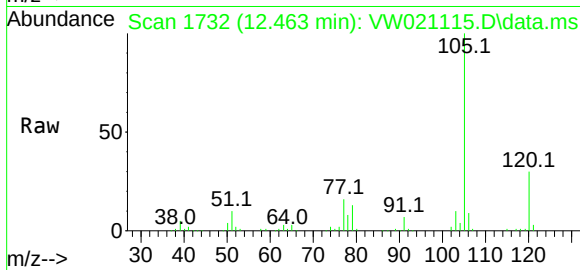




#60
Isopropylbenzene
Concen: 20.752 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

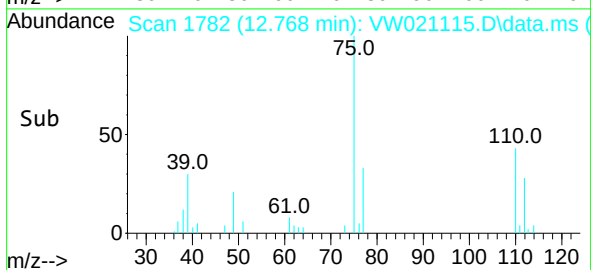
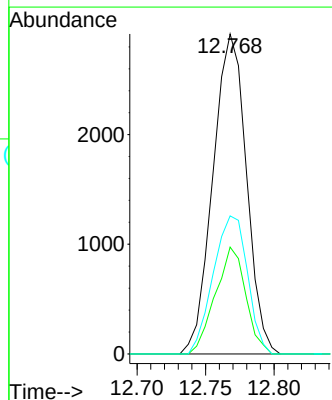
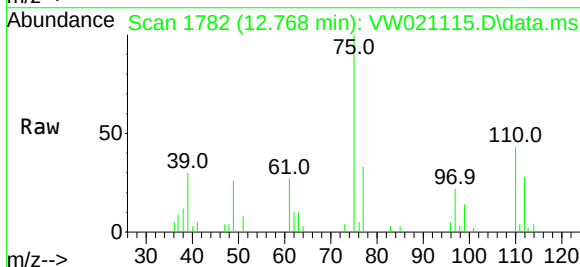
Instrument :
MSVOA_W
ClientSampleId :

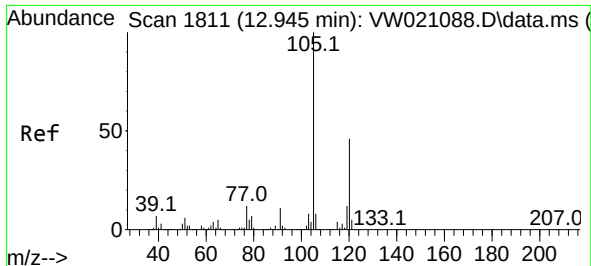
Tgt Ion:105 Resp: 37747
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 16.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.628 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 75 Resp: 4961
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8
110 44.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 20.389 ug/L

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

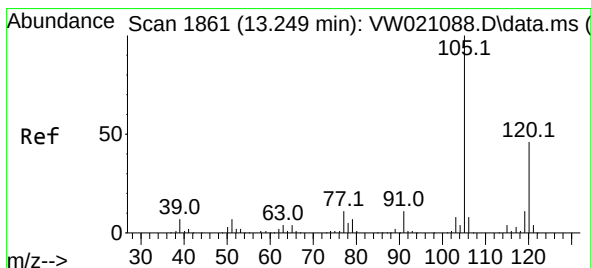
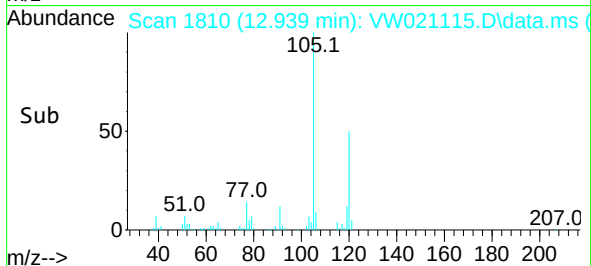
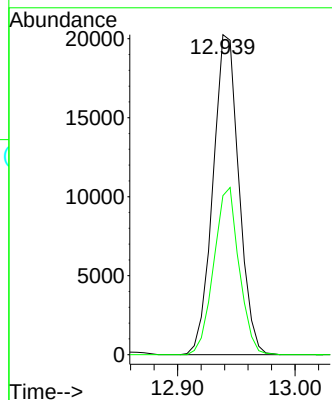
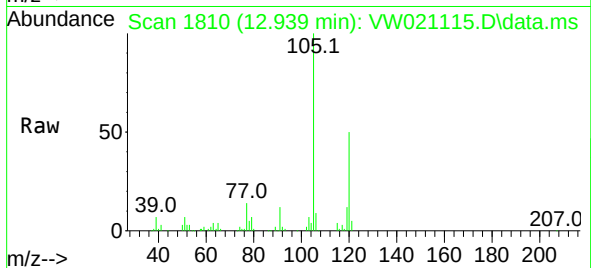
ClientSampleId :

Tgt Ion:105 Resp: 31058

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 20.117 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021115.D

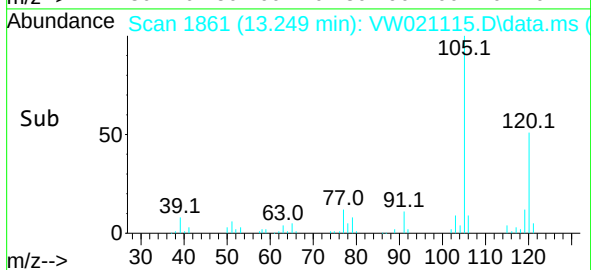
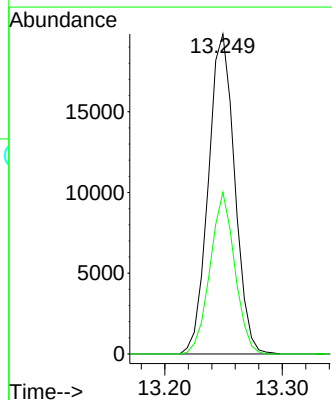
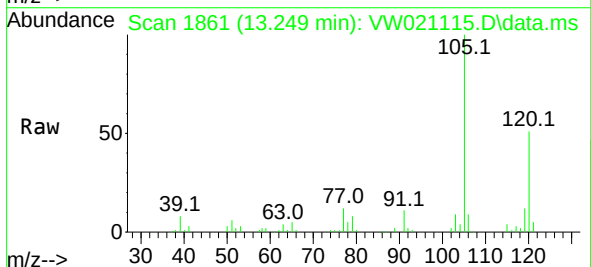
Acq: 04 Dec 2021 13:48

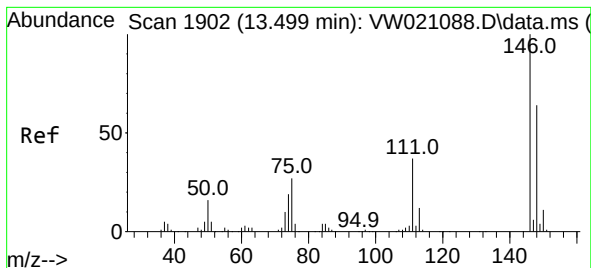
Tgt Ion:105 Resp: 30819

Ion Ratio Lower Upper

105 100

120 47.2 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 21.468 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

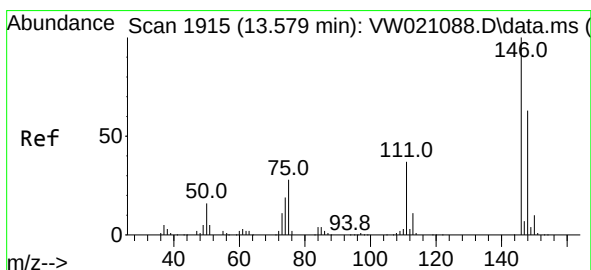
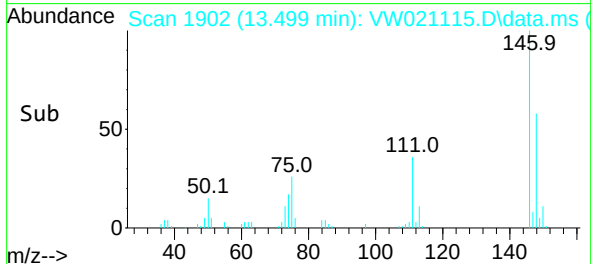
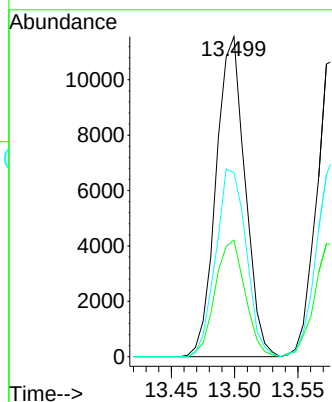
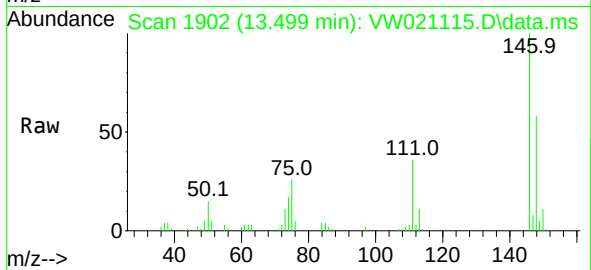
Tgt Ion:146 Resp: 18386

Ion Ratio Lower Upper

146 100

111 36.4 29.8 55.3

148 57.6 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 19.978 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

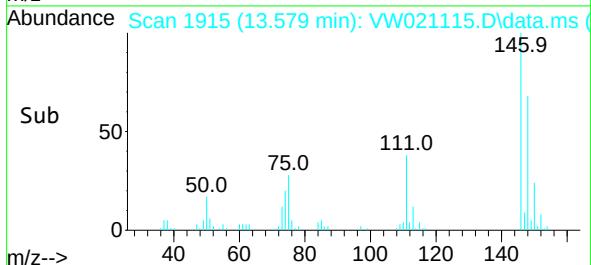
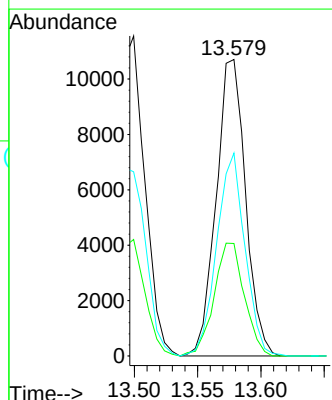
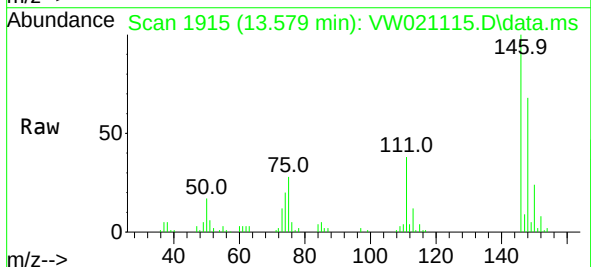
Tgt Ion:146 Resp: 17293

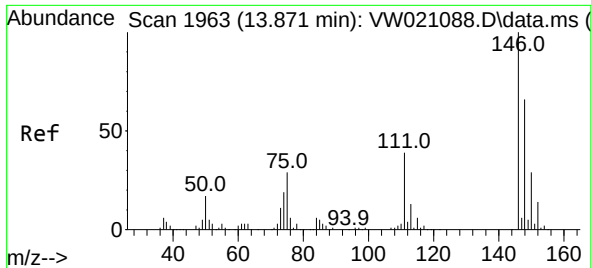
Ion Ratio Lower Upper

146 100

111 38.0 29.0 53.9

148 68.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.472 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

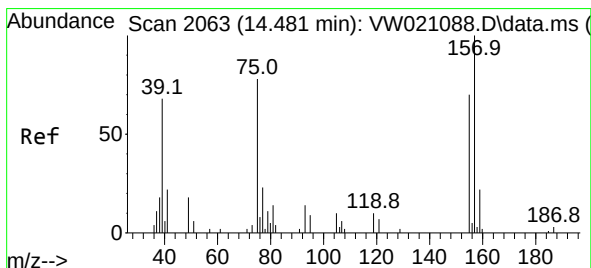
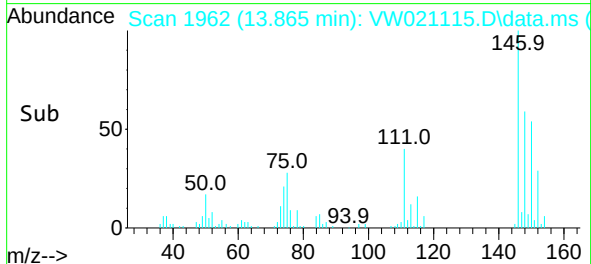
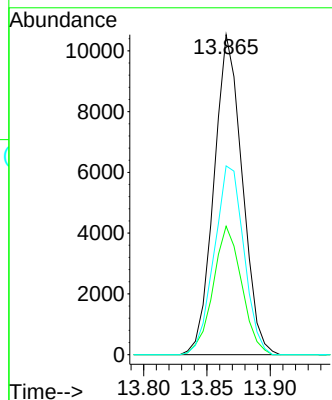
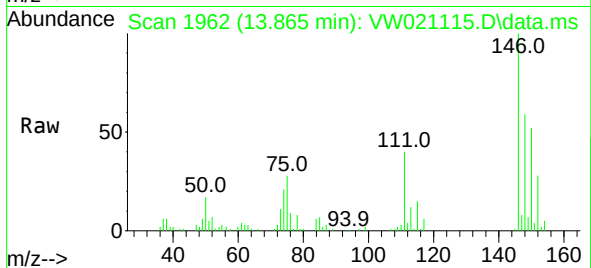
Tgt Ion:146 Resp: 16374

Ion Ratio Lower Upper

146 100

111 40.1 33.1 49.7

148 59.0 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 40.580 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.146 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

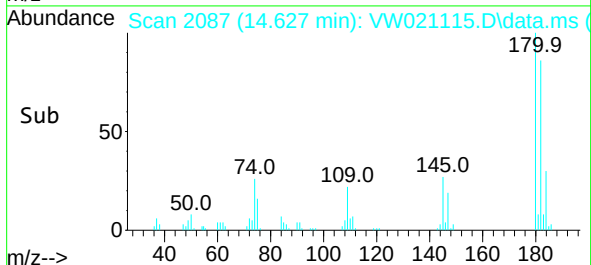
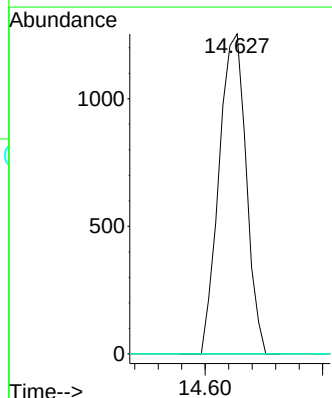
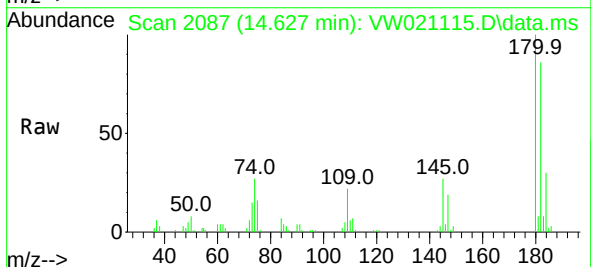
Tgt Ion: 75 Resp: 2009

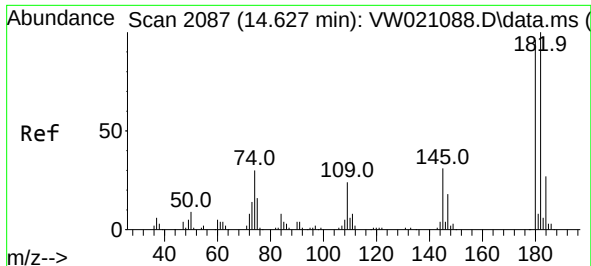
Ion Ratio Lower Upper

75 100

155 0.0 54.2 81.2#

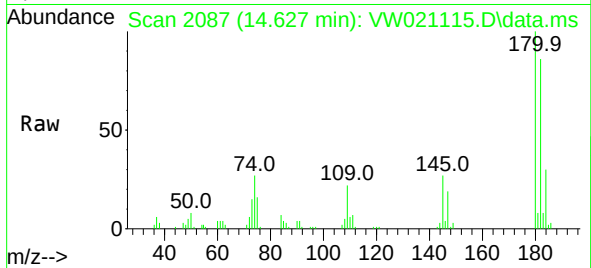
157 0.0 69.4 104.2#



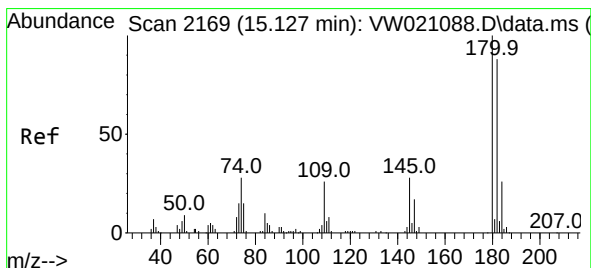
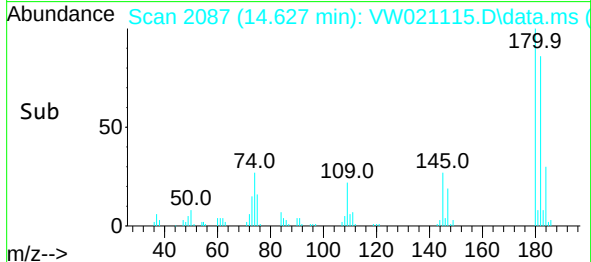
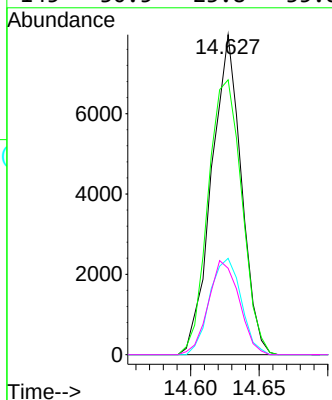


#69
 1,3,5-Trichlorobenzene
 Concen: 19.095 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

Instrument :
 MSVOA_W
 ClientSampleId :

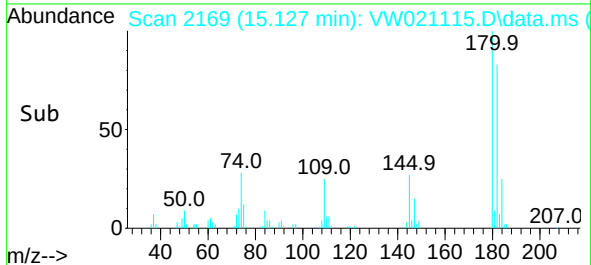
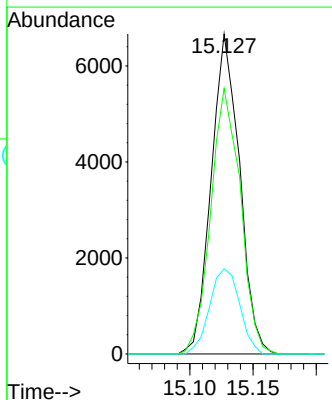
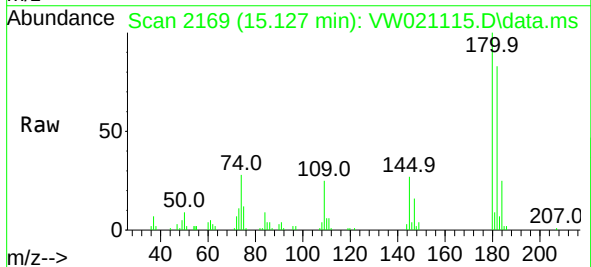


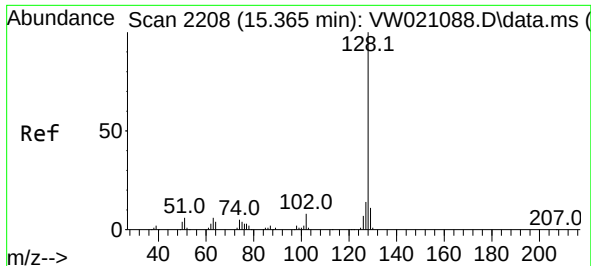
Tgt Ion:180 Resp: 12019
 Ion Ratio Lower Upper
 180 100
 182 97.5 75.4 113.0
 184 31.8 23.8 35.8
 145 30.5 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 20.067 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021115.D
 Acq: 04 Dec 2021 13:48

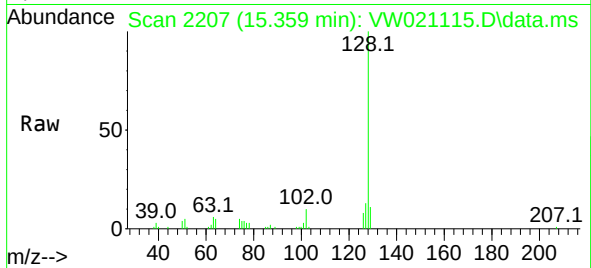
Tgt Ion:180 Resp: 10379
 Ion Ratio Lower Upper
 180 100
 182 87.0 79.0 118.6
 145 28.3 26.0 39.0



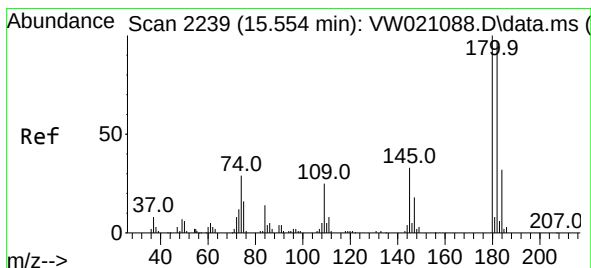
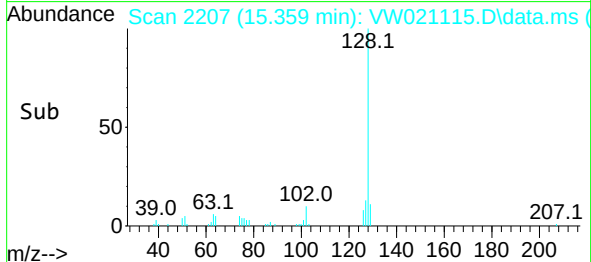
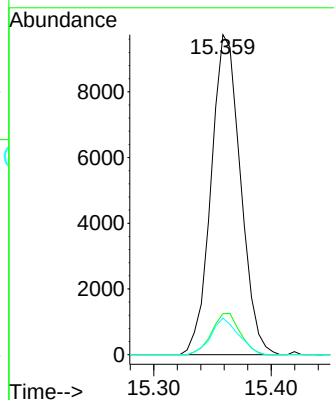


#71
Naphthalene
Concen: 17.641 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 16962
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 17.506 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:180 Resp: 7902
Ion Ratio Lower Upper
180 100
182 100.9 76.6 114.8
145 33.7 27.4 41.0

