

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021675.D
 Acq On : 28 Dec 2021 18:22
 Operator : SY/VA
 Sample : M5125-10REMS
 Misc : 9.11g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 29 00:25:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 29 00:22:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	108467	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	94427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	41878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	54351	25.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.640%	
7) Chloroethane-d5	2.891	69	38176	26.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.000%	
11) 1,1-Dichloroethene-d2	4.019	63	72583	23.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.760%	
21) 2-Butanone-d5	7.092	46	13556	43.326	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.660%	
24) Chloroform-d	7.647	84	78773	23.249	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.000%	
26) 1,2-Dichloroethane-d4	8.305	65	40654	22.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 90.880%	
32) Benzene-d6	8.275	84	146595	26.146	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.600%	
36) 1,2-Dichloropropane-d6	9.274	67	39554	26.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.040%	
41) Toluene-d8	10.323	98	139678	25.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.000%	
43) trans-1,3-Dichloroprop...	10.579	79	17631	23.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.280%	
47) 2-Hexanone-d5	10.927	63	11330	49.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.240%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	28709	22.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 91.560%	
66) 1,2-Dichlorobenzene-d4	13.853	152	35460	22.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	24328	37.825	ug/L	96
3) Chloromethane	2.215	50	37753	22.726	ug/L	98
5) Vinyl chloride	2.361	62	52598	21.468	ug/L	97
6) Bromomethane	2.782	94	30625	19.210	ug/L	95
8) Chloroethane	2.922	64	26037	22.301	ug/L	95
9) Trichlorofluoromethane	3.263	101	39570	26.843	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	36069	20.090	ug/L	90
12) 1,1-Dichloroethene	4.038	96	34390	21.417	ug/L	82
13) Acetone	4.153	43	10344	38.937	ug/L	94
14) Carbon disulfide	4.379	76	95361	20.522	ug/L	99
15) Methyl Acetate	4.684	43	9208	18.166	ug/L	# 90
16) Methylene chloride	4.915	84	38466	19.866	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	34586	20.389	ug/L	81
18) Methyl tert-butyl Ether	5.434	73	47819	20.245	ug/L	94
19) 1,1-Dichloroethane	6.214	63	54439	20.570	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	35952	20.417	ug/L	78
22) 2-Butanone	7.183	43	13837	38.313	ug/L	87
23) Bromochloromethane	7.513	128	17346	20.379	ug/L	# 66
25) Chloroform	7.677	83	62305	20.409	ug/L	99

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 Response via : Initial Calibration

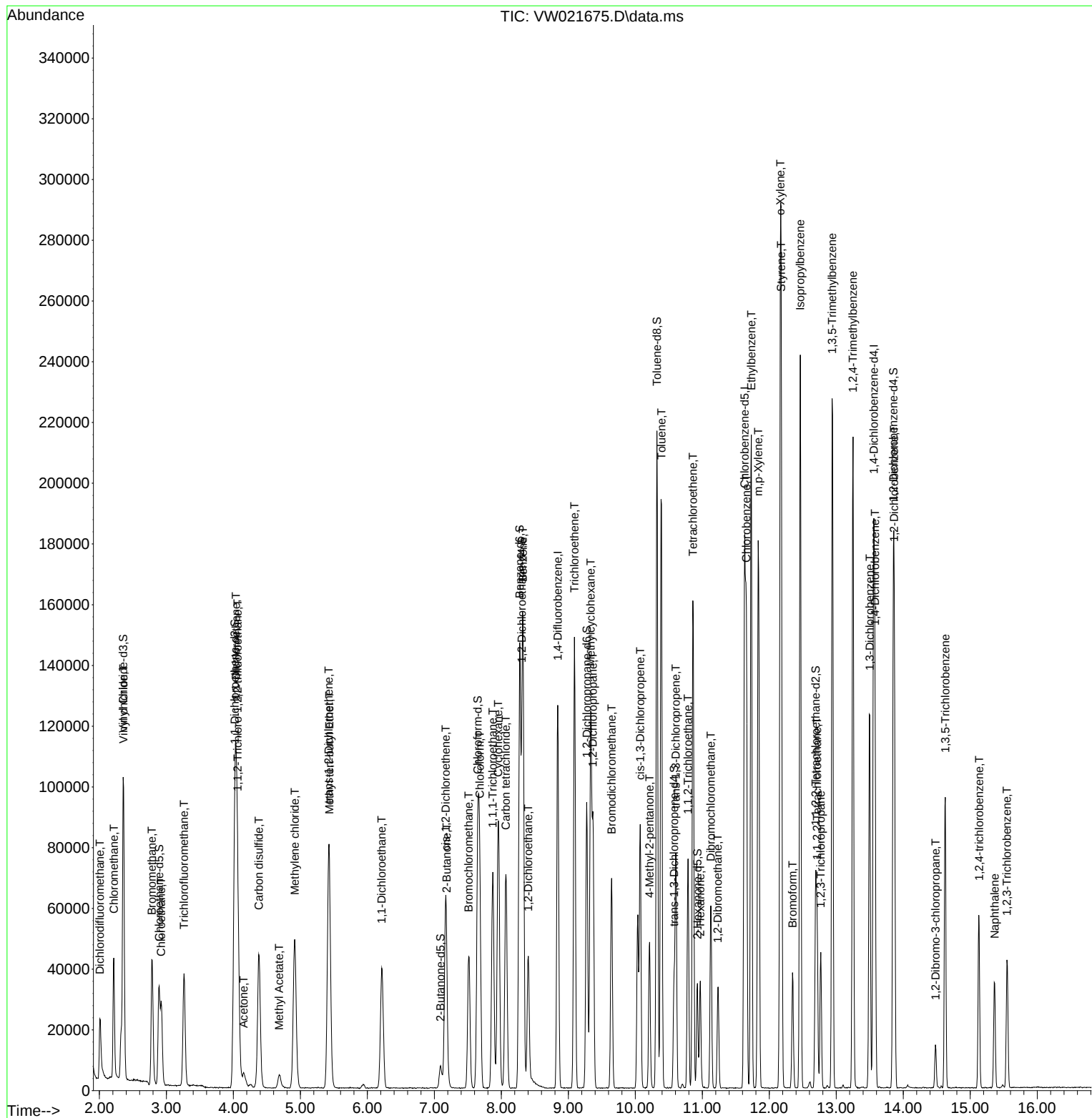
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27) 1,2-Dichloroethane	8.403	62	37456	18.916	ug/L #	94
29) Cyclohexane	7.952	56	46840	21.450	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	56742	22.775	ug/L	94
31) Carbon tetrachloride	8.067	117	54104	22.332	ug/L	98
33) Benzene	8.323	78	128672	22.333	ug/L	100
34) Trichloroethene	9.092	95	45531	27.838	ug/L	83
35) Methylcyclohexane	9.335	83	52406	19.420	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	28195	22.081	ug/L #	94
38) Bromodichloromethane	9.646	83	44758	22.966	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	46900	22.481	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	29802	42.369	ug/L #	93
42) Toluene	10.390	91	143434	21.566	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	40265	21.481	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	22206	20.938	ug/L	95
46) Tetrachloroethene	10.860	164	37140	24.248	ug/L	98
48) 2-Hexanone	10.969	43	21459	44.924	ug/L #	94
49) Dibromochloromethane	11.128	129	31444	22.067	ug/L	86
50) 1,2-Dibromoethane	11.231	107	22138	20.784	ug/L #	96
51) Chlorobenzene	11.658	112	81455	18.982	ug/L	92
52) Ethylbenzene	11.731	91	153271	20.530	ug/L	99
53) m,p-Xylene	11.835	106	59372	19.847	ug/L	92
54) o-Xylene	12.164	106	56104	19.788	ug/L	89
55) Styrene	12.176	104	83232	17.093	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	23382	19.931	ug/L #	97
59) Bromoform	12.347	173	16869	27.600	ug/L	97
60) Isopropylbenzene	12.463	105	151271	25.913	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	16828	26.260	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	123030	24.928	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	114365	23.328	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	53992	19.589	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	52013	18.925	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	45409	18.870	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3403	24.117	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	31560	15.587	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	18449	11.415	ug/L	96
71) Naphthalene	15.365	128	30656	11.658	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	15484	11.381	ug/L	92

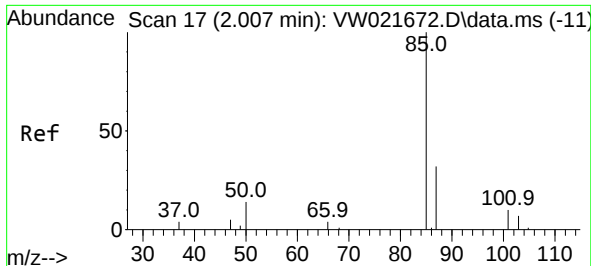
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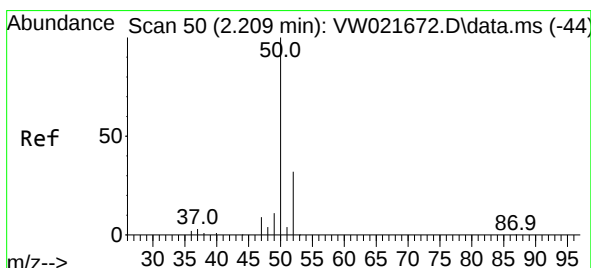
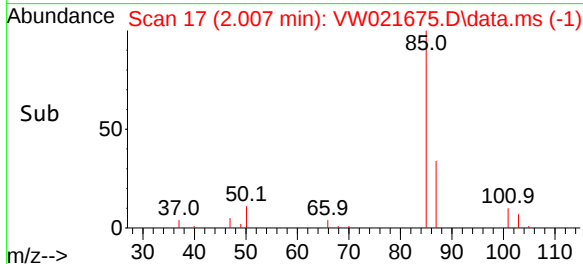
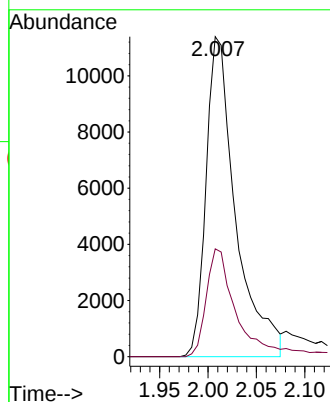
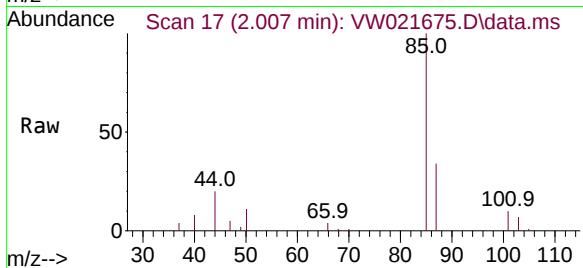




#2
 Dichlorodifluoromethane
 Concen: 37.825 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

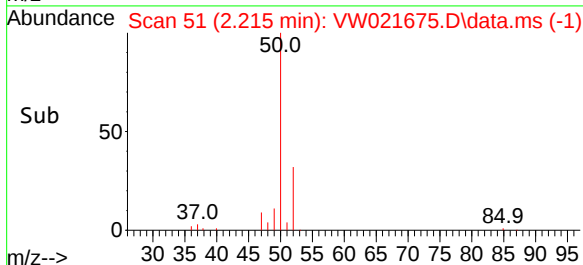
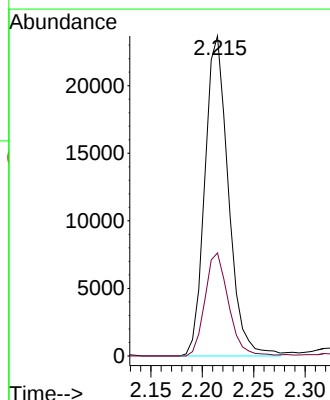
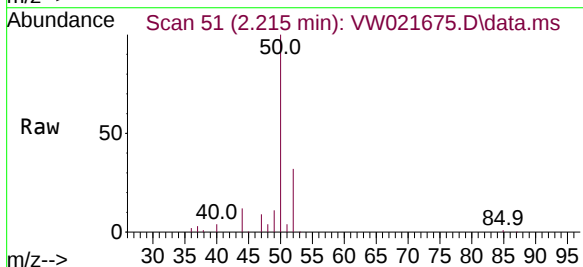
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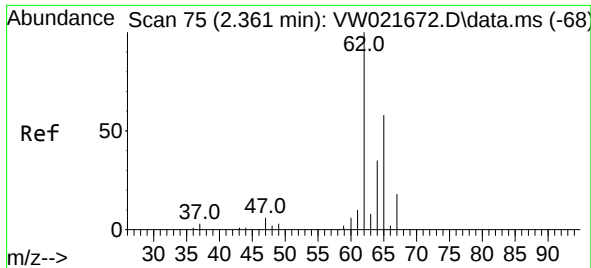
Tgt Ion: 85 Resp: 24328
 Ion Ratio Lower Upper
 85 100
 87 34.3 25.8 38.6



#3
 Chloromethane
 Concen: 22.726 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

Tgt Ion: 50 Resp: 37753
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.4 43.6

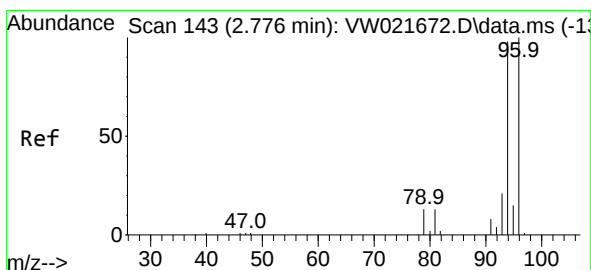
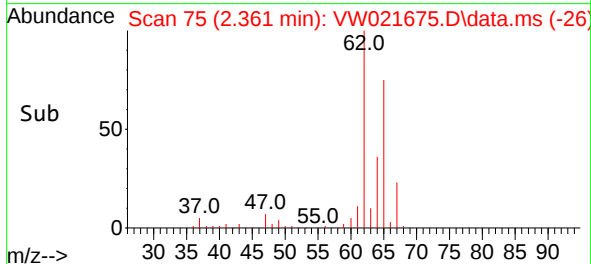
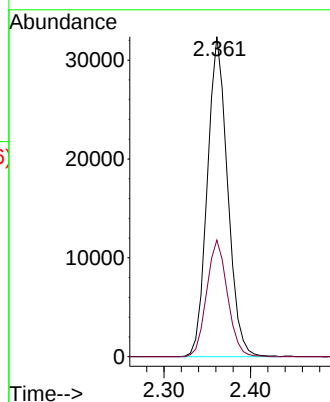
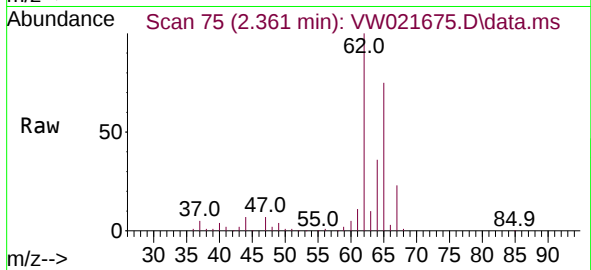




#5
 Vinyl chloride
 Concen: 21.468 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

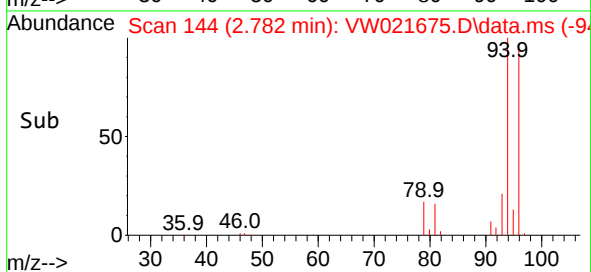
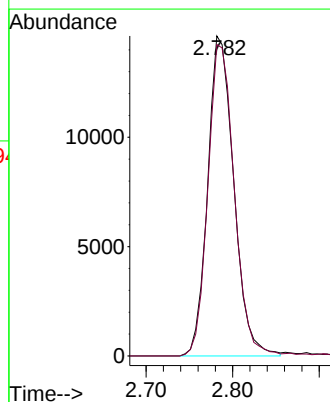
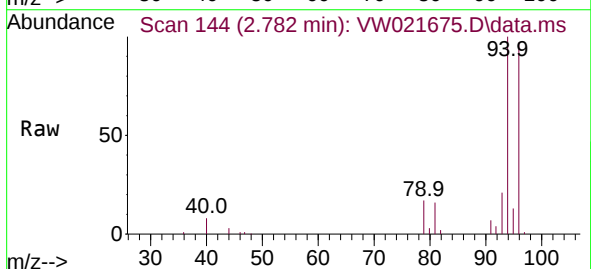
Instrument :
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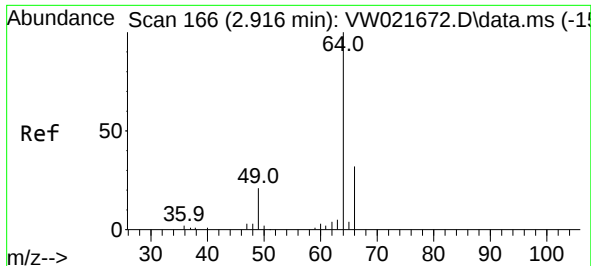
Tgt Ion: 62 Resp: 52598
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.4 45.2



#6
 Bromomethane
 Concen: 19.210 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

Tgt Ion: 94 Resp: 30625
 Ion Ratio Lower Upper
 94 100
 96 97.3 64.8 120.4

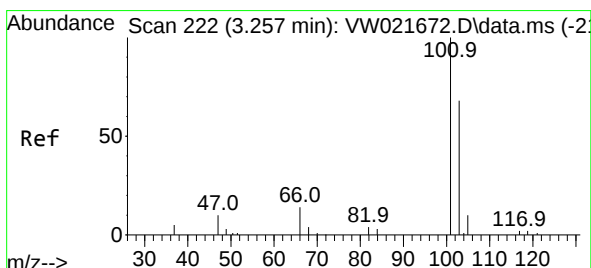
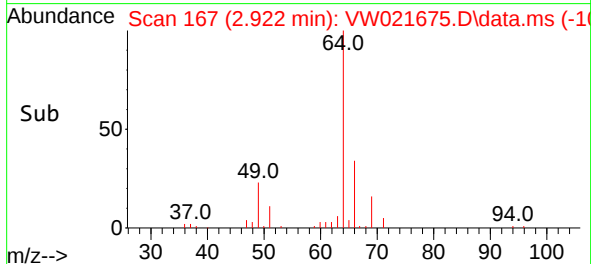
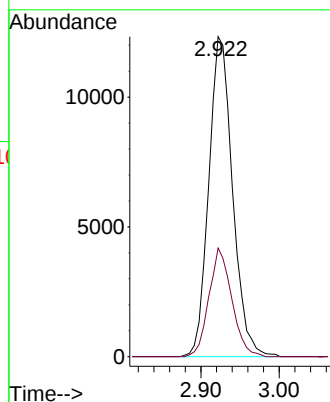
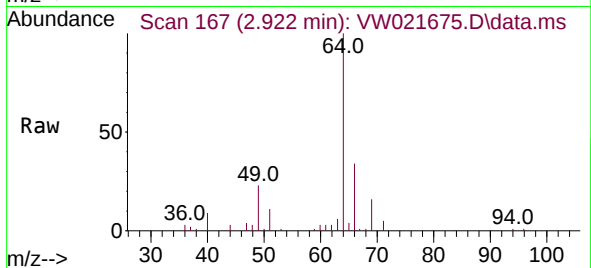




#8
Chloroethane
Concen: 22.301 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

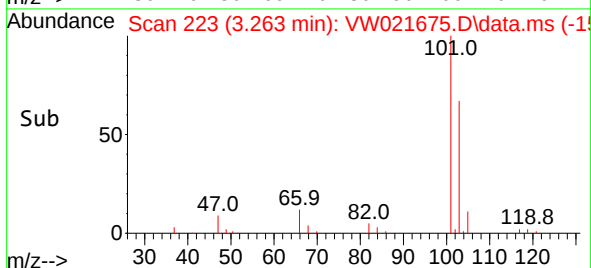
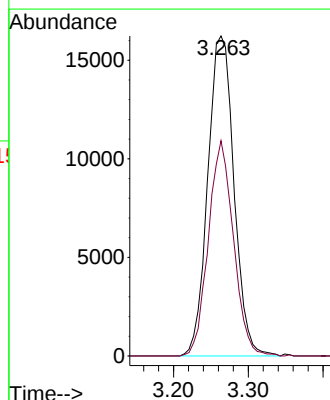
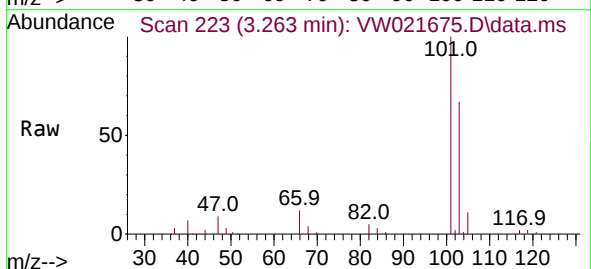
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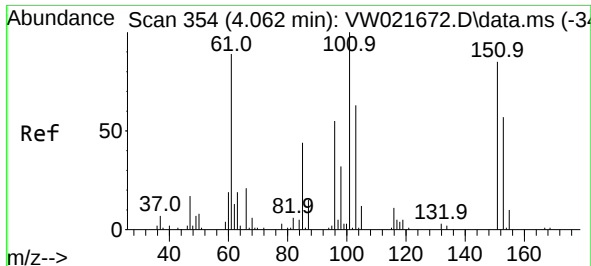
Tgt Ion: 64 Resp: 26037
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.843 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion:101 Resp: 39570
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

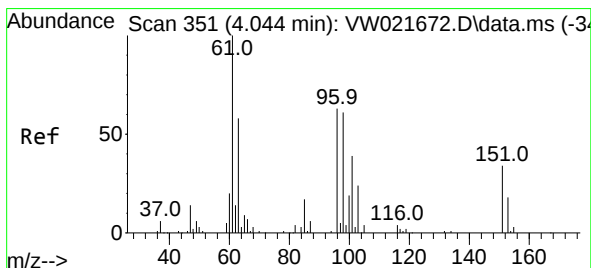
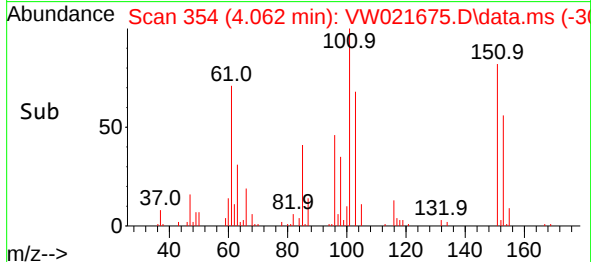
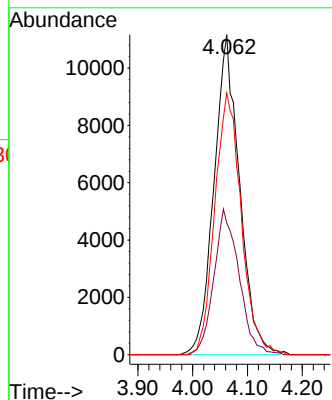
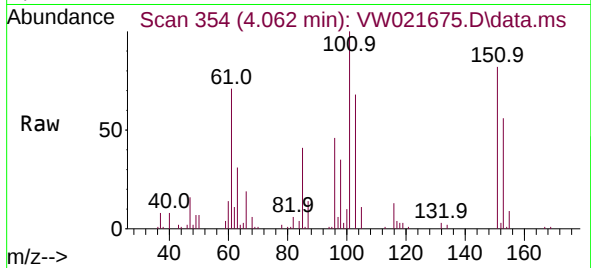




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.090 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

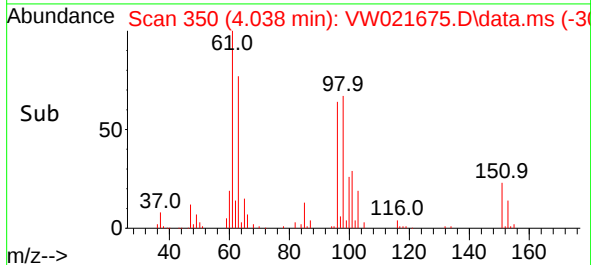
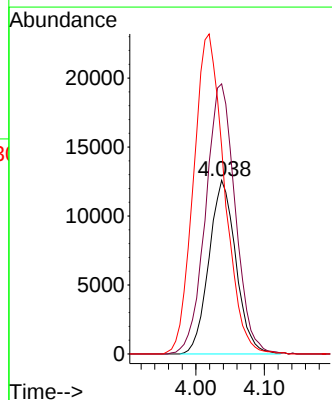
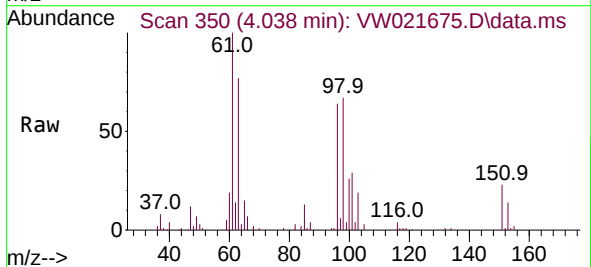
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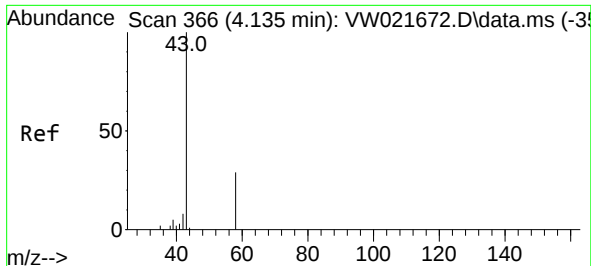
Tgt Ion:101 Resp: 36069
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.6 54.8
 151 84.9 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.417 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

Tgt Ion: 96 Resp: 34390
 Ion Ratio Lower Upper
 96 100
 61 155.7 138.3 256.9
 63 119.5 82.6 153.4





#13

Acetone

Concen: 38.937 ug/L

RT: 4.153 min Scan# 3

Delta R.T. 0.018 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

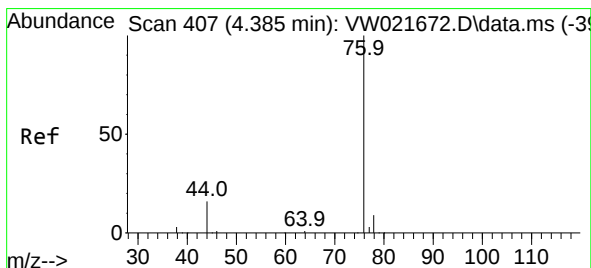
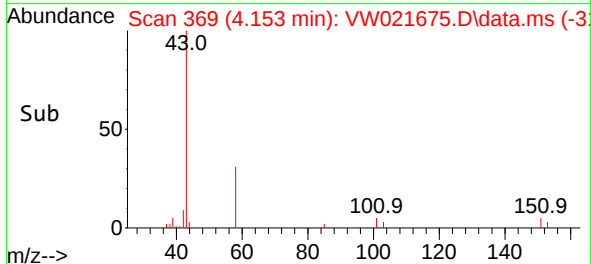
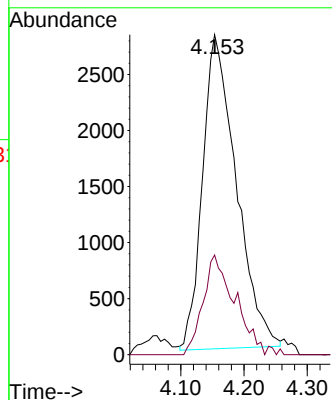
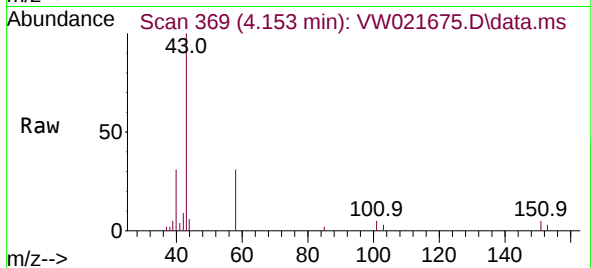
ClientSampleId :

Tgt Ion: 43 Resp: 10344

Ion Ratio Lower Upper

43 100

58 23.3 0.0 52.8



#14

Carbon disulfide

Concen: 20.522 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021675.D

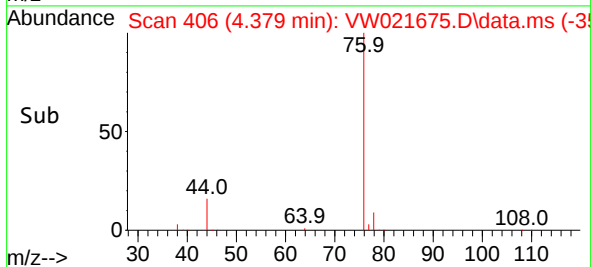
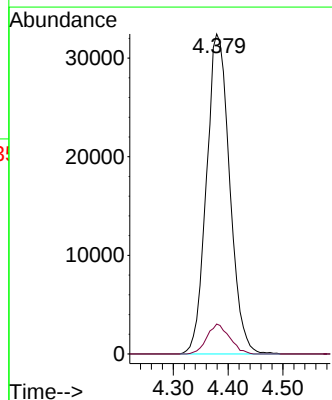
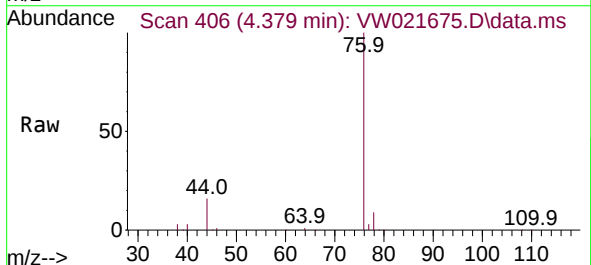
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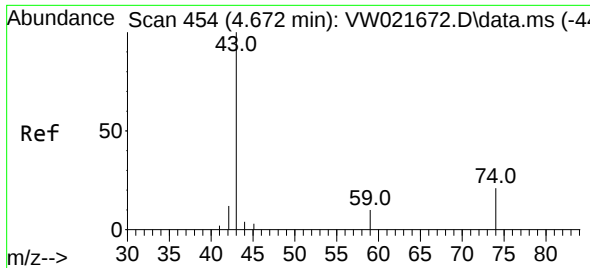
Tgt Ion: 76 Resp: 95361

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

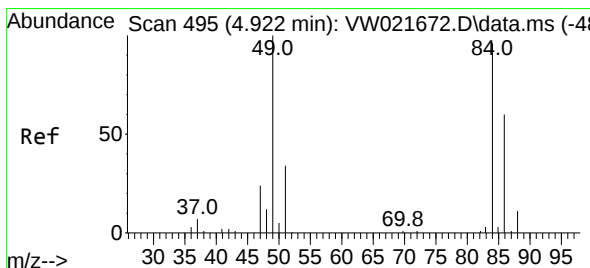
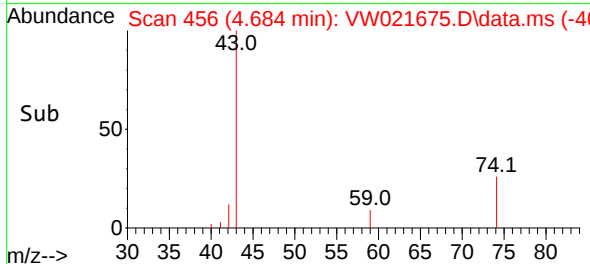
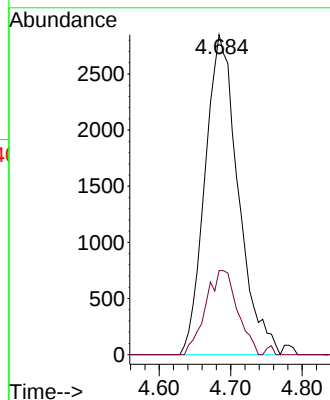
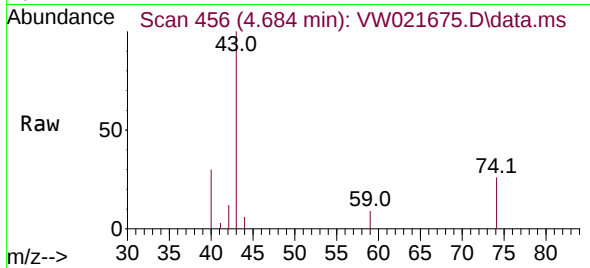




#15
Methyl Acetate
Concen: 18.166 ug/L
RT: 4.684 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

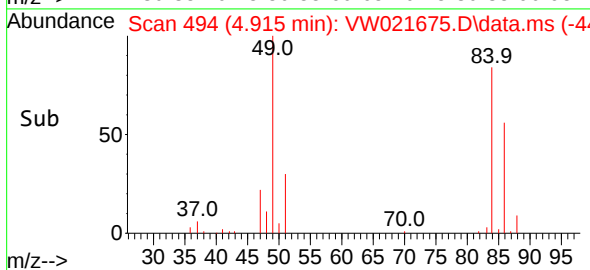
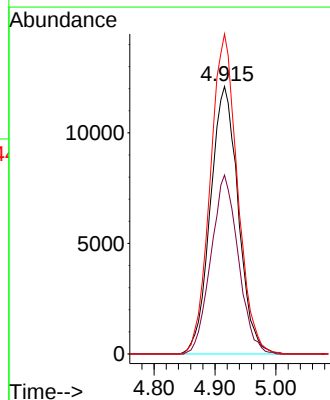
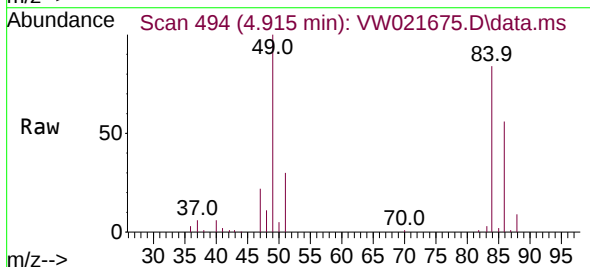
Instrument :
MSVOA_W
ClientSampleId :

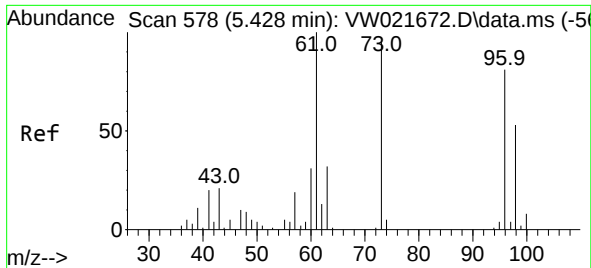
Tgt Ion: 43 Resp: 9208
Ion Ratio Lower Upper
43 100
74 25.3 16.4 24.6#



#16
Methylene chloride
Concen: 19.866 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 84 Resp: 38466
Ion Ratio Lower Upper
84 100
86 66.9 45.5 84.5
49 119.6 100.5 186.7

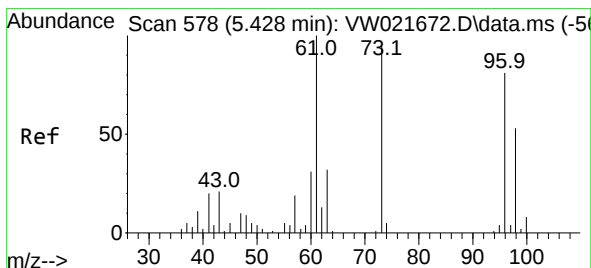
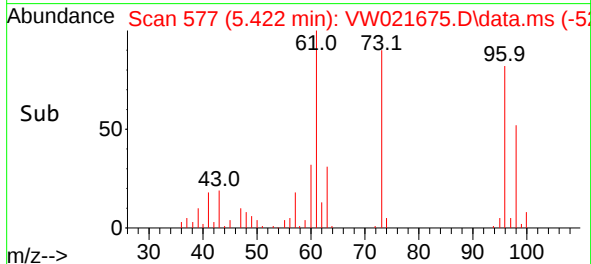
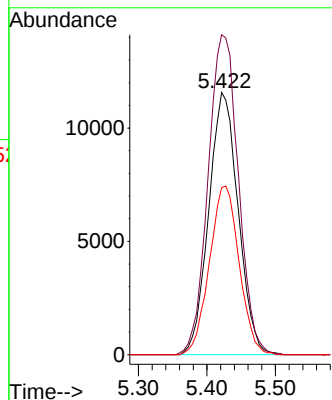
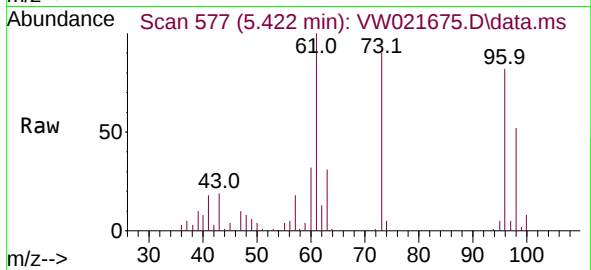




#17
trans-1,2-Dichloroethene
Concen: 20.389 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

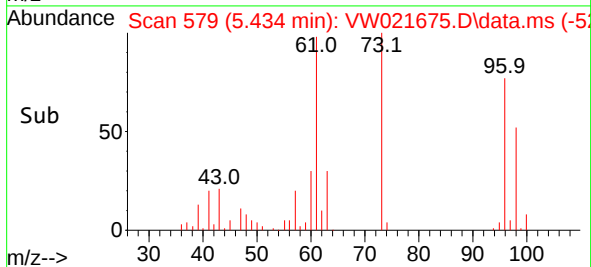
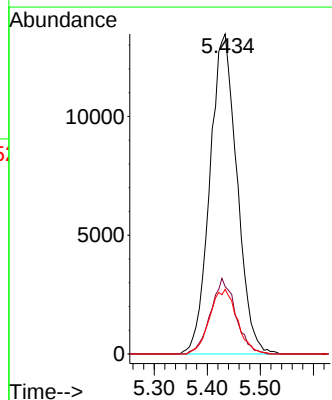
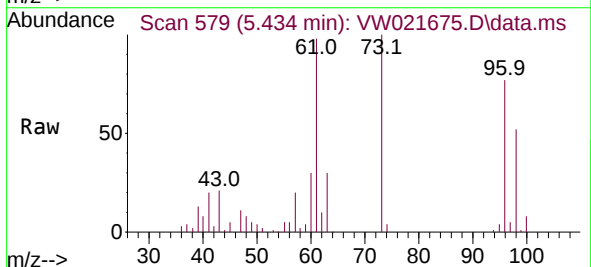
Instrument :
MSVOA_W
ClientSampleId :

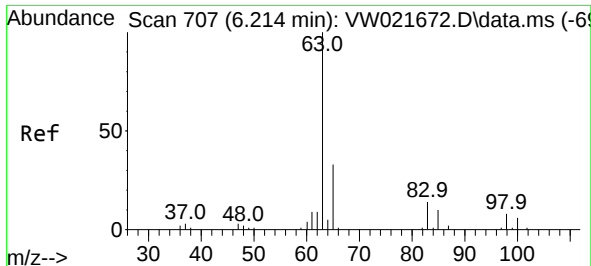
Tgt Ion: 96 Resp: 34586
Ion Ratio Lower Upper
96 100
61 122.0 107.4 199.4
98 63.8 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 20.245 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 73 Resp: 47819
Ion Ratio Lower Upper
73 100
43 21.9 19.5 29.3
57 20.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 20.570 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021675.D

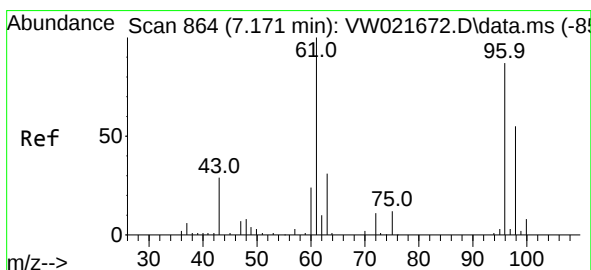
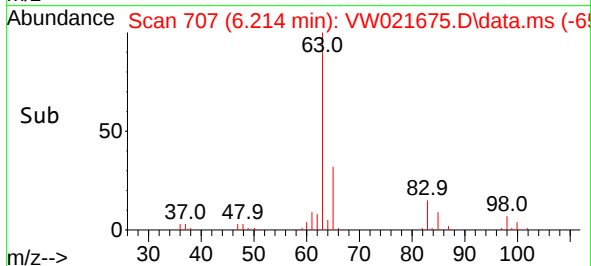
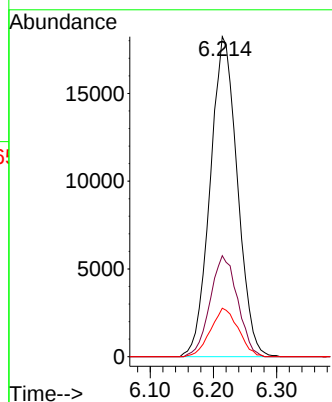
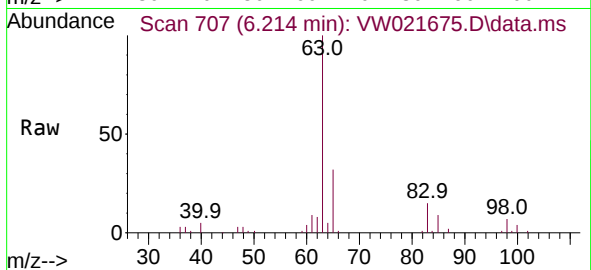
Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 54439
Ion Ratio	Lower Upper
63 100	
65 31.5	22.1 41.1
83 15.2	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 20.417 ug/L

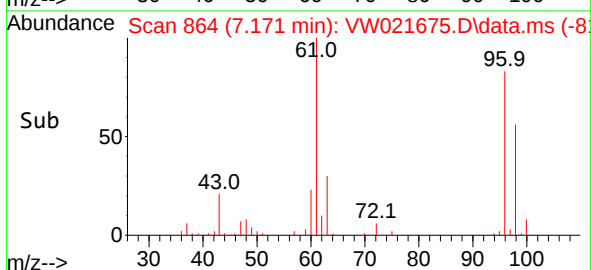
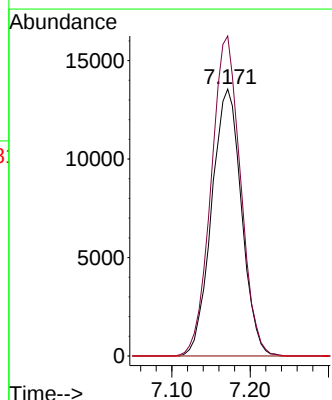
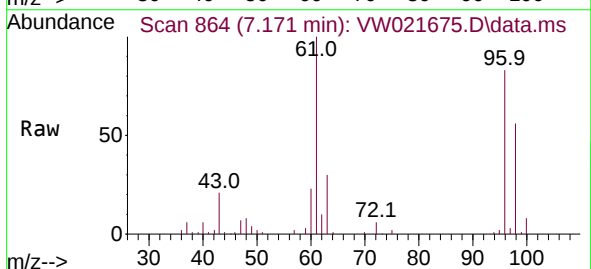
RT: 7.171 min Scan# 864

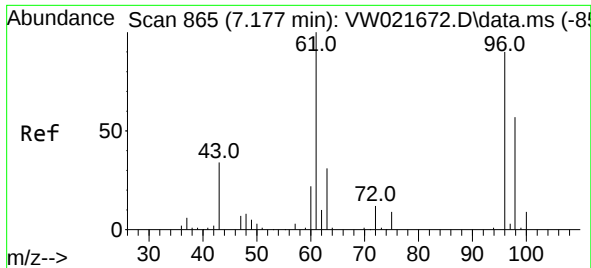
Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Tgt Ion: 96	Resp: 35952
Ion Ratio	Lower Upper
96 100	
61 119.9	103.7 192.7
68 0.0	0.0 0.0

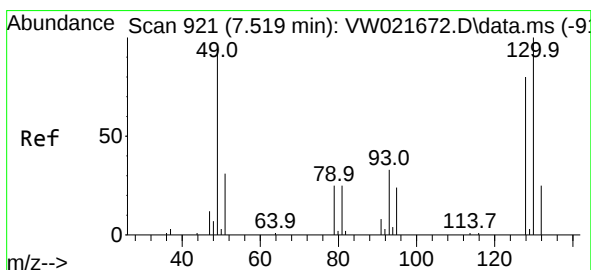
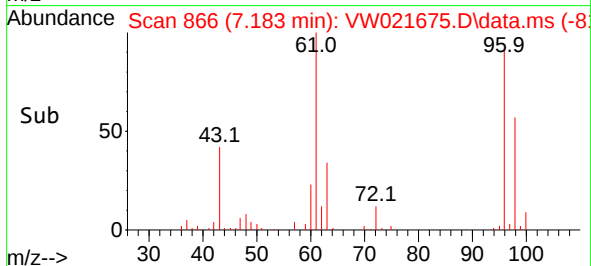
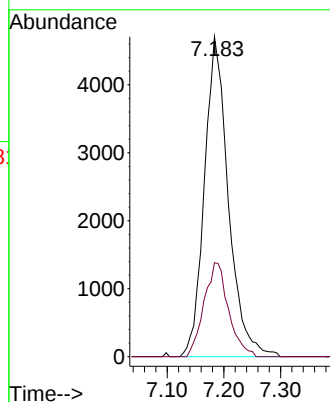
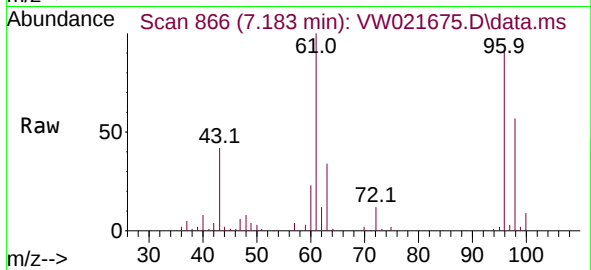




#22
2-Butanone
Concen: 38.313 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

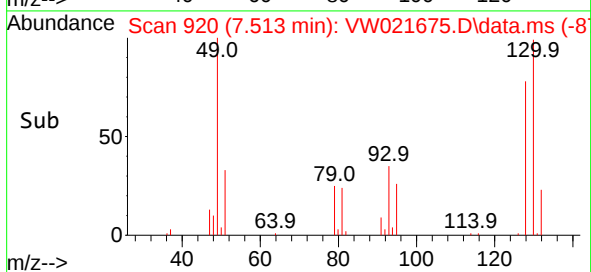
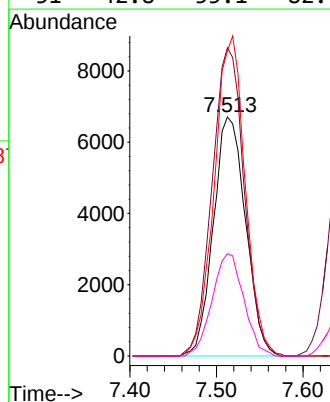
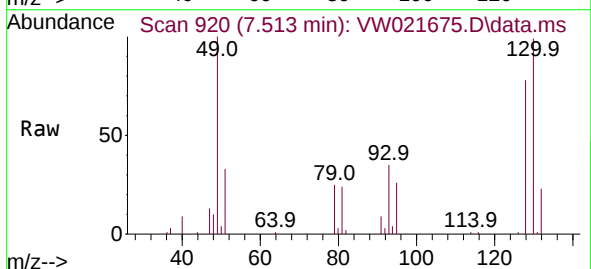
Instrument :
MSVOA_W
ClientSampleId :

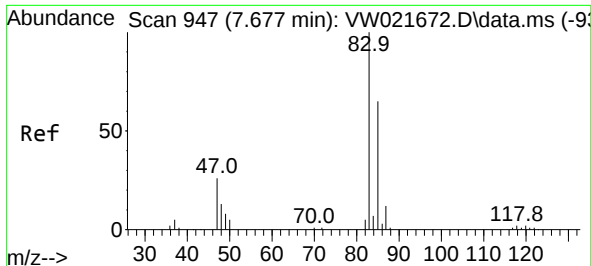
Tgt Ion: 43 Resp: 13837
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 20.379 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 128 Resp: 17346
Ion Ratio Lower Upper
128 100
49 129.0 150.3 279.1#
130 127.6 88.3 163.9
51 42.8 55.1 82.7#

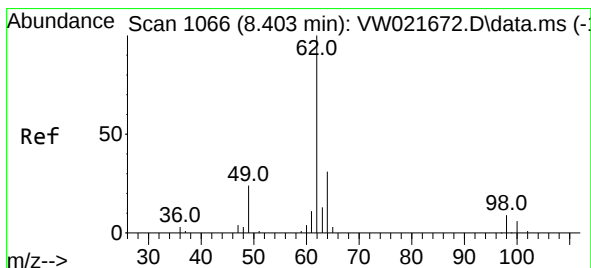
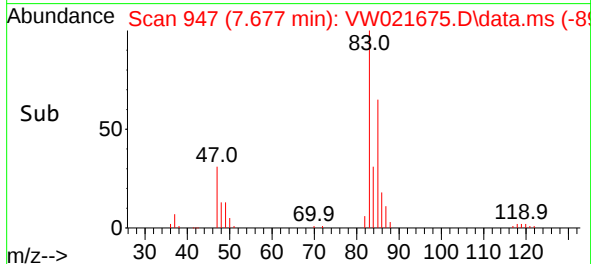
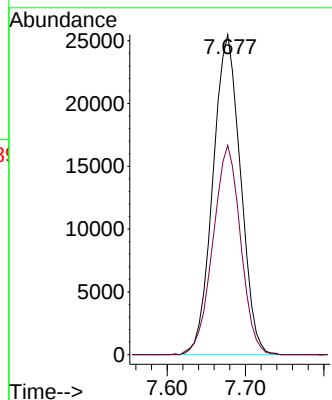
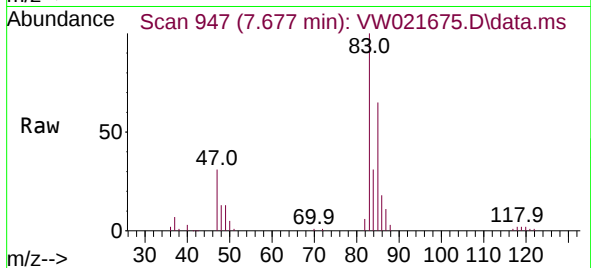




#25
Chloroform
Concen: 20.409 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

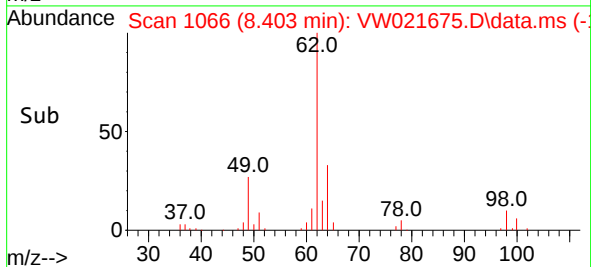
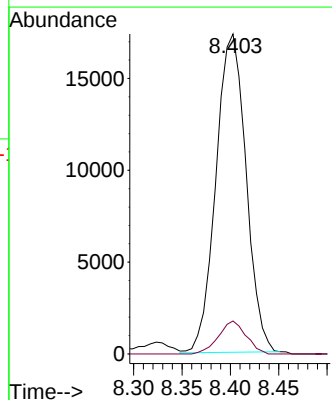
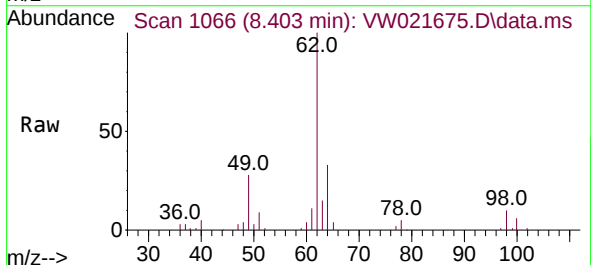
Instrument :
MSVOA_W
ClientSampleId :

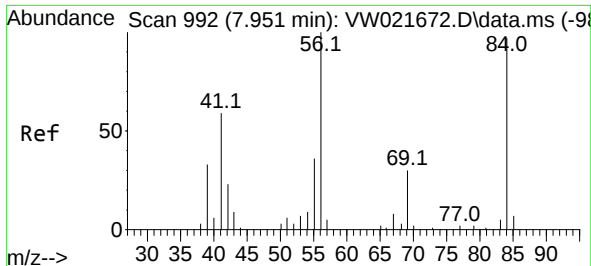
Tgt Ion: 83 Resp: 62305
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 18.916 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 62 Resp: 37456
Ion Ratio Lower Upper
62 100
98 10.3 6.5 9.7#





#29

Cyclohexane

Concen: 21.450 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :

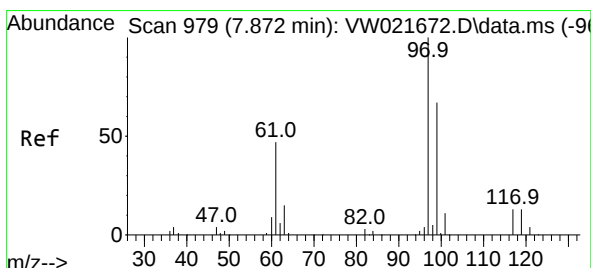
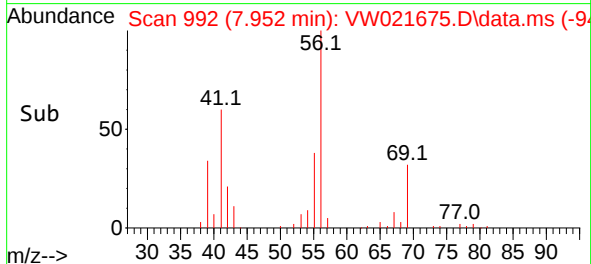
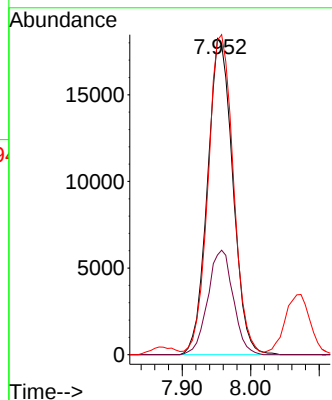
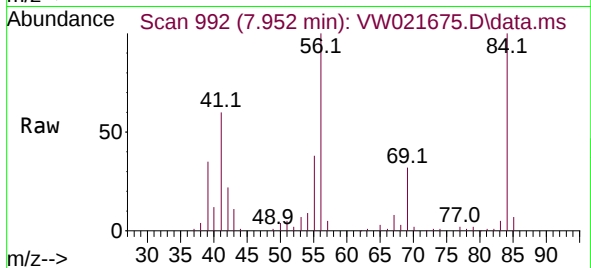
Tgt Ion: 56 Resp: 46840

Ion Ratio Lower Upper

56 100

69 33.1 23.5 35.3

84 101.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 22.775 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

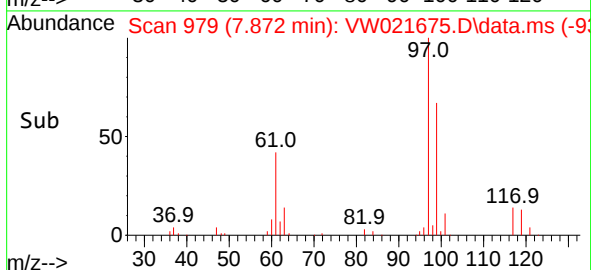
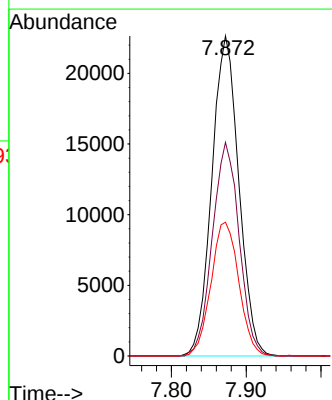
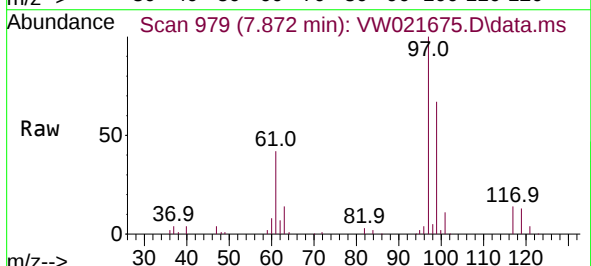
Tgt Ion: 97 Resp: 56742

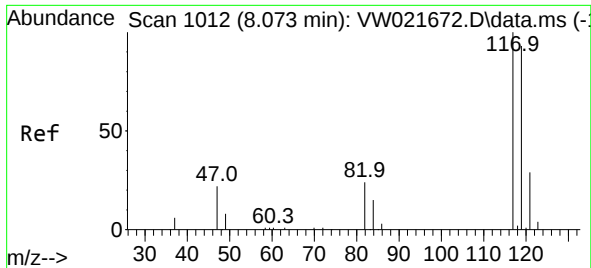
Ion Ratio Lower Upper

97 100

99 66.2 51.6 77.4

61 43.2 40.9 61.3

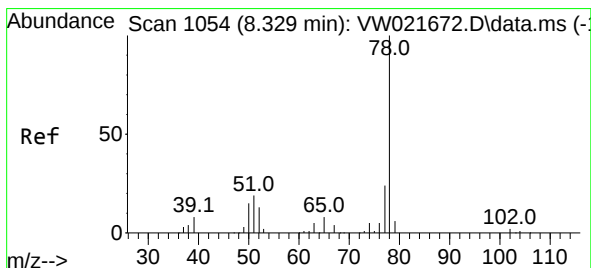
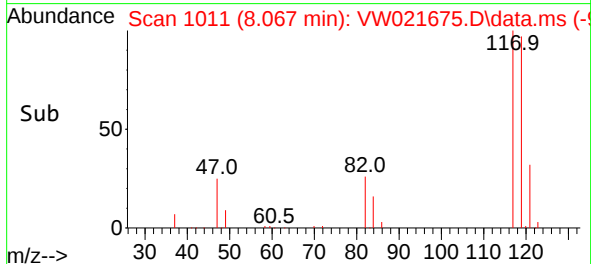
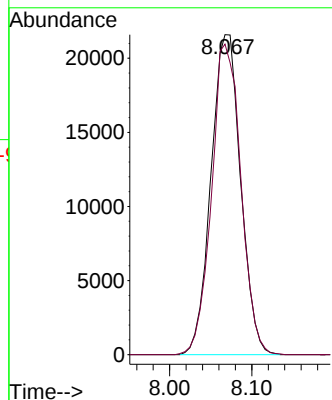
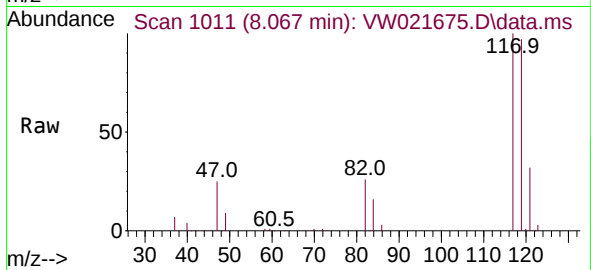




#31
Carbon tetrachloride
Concen: 22.332 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

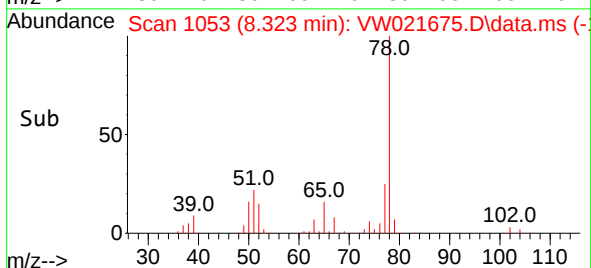
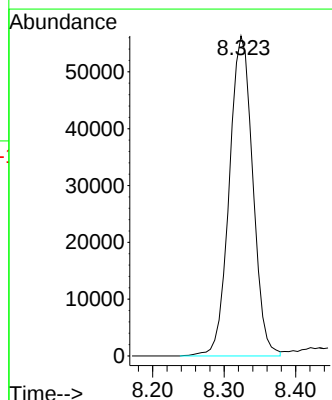
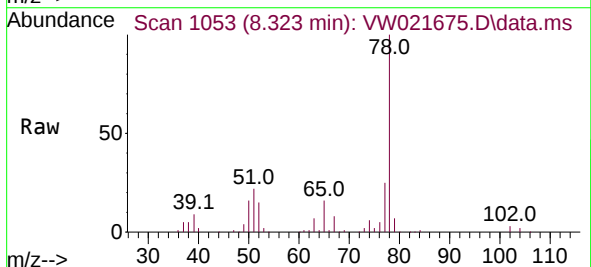
Instrument :
MSVOA_W
ClientSampleId :

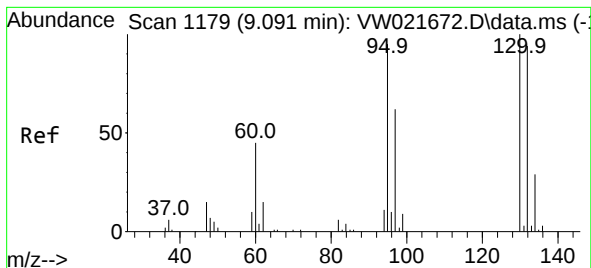
Tgt Ion:117 Resp: 54104
Ion Ratio Lower Upper
117 100
119 96.2 75.7 113.5



#33
Benzene
Concen: 22.333 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 78 Resp: 128672





#34

Trichloroethene

Concen: 27.838 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 45531

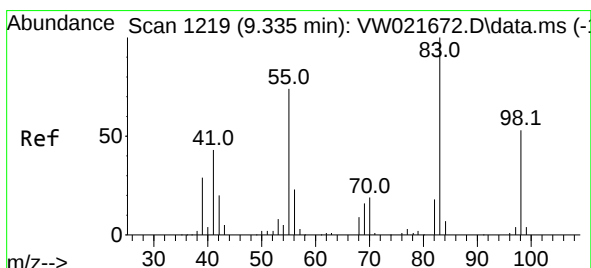
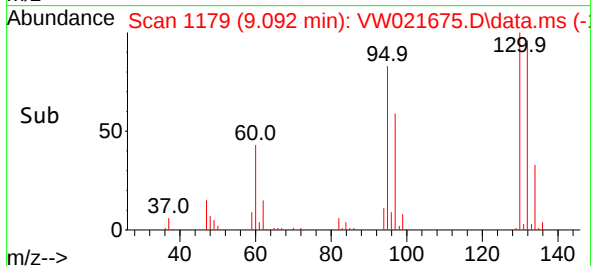
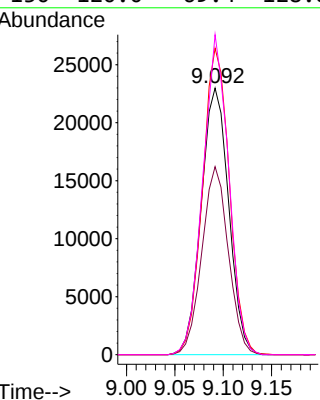
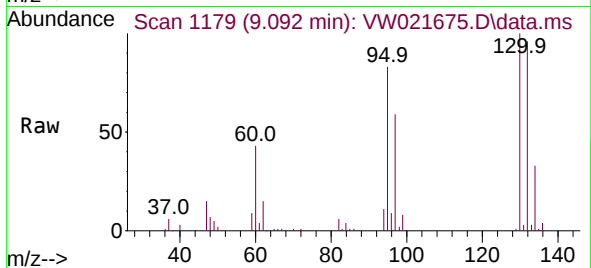
Ion Ratio Lower Upper

95 100

97 70.5 47.0 87.2

132 115.0 65.5 121.6

130 120.0 69.4 128.8



#35

Methylcyclohexane

Concen: 19.420 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

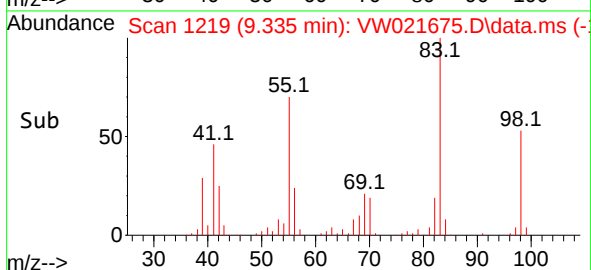
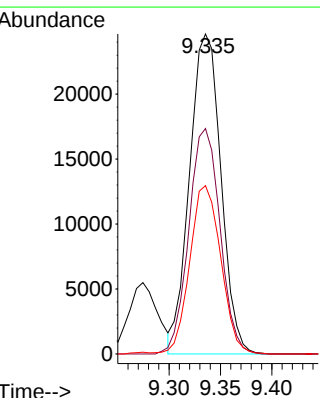
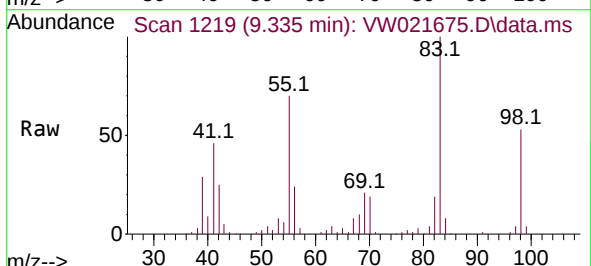
Tgt Ion: 83 Resp: 52406

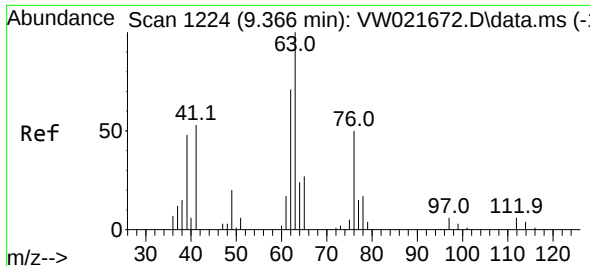
Ion Ratio Lower Upper

83 100

55 70.1 70.8 106.2#

98 52.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 22.081 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

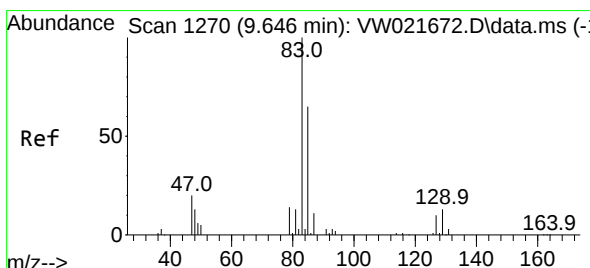
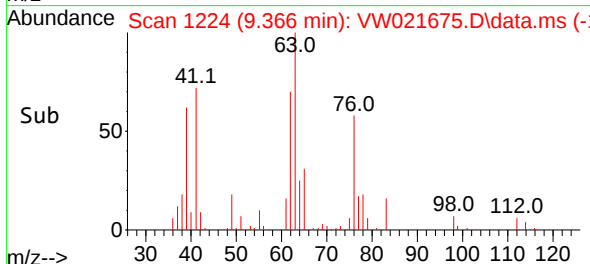
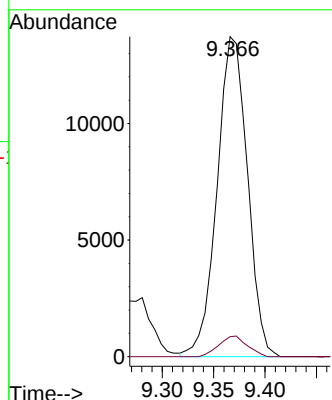
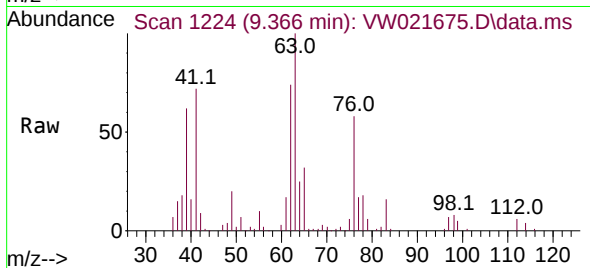
ClientSampleId :

Tgt Ion: 63 Resp: 28195

Ion Ratio Lower Upper

63 100

112 6.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.966 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

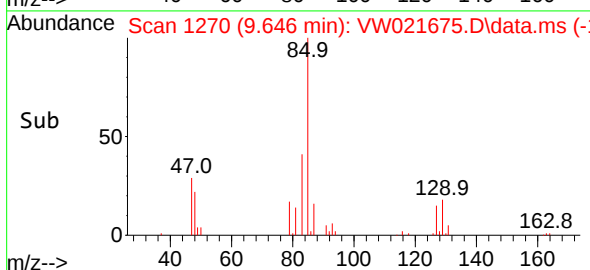
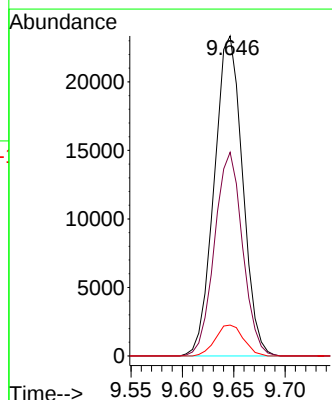
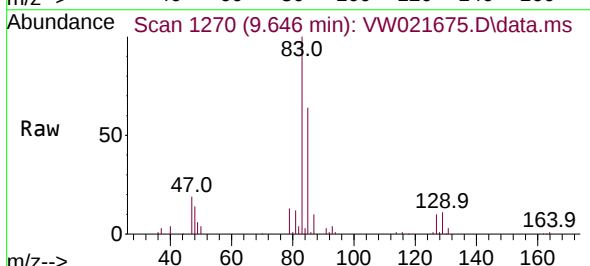
Tgt Ion: 83 Resp: 44758

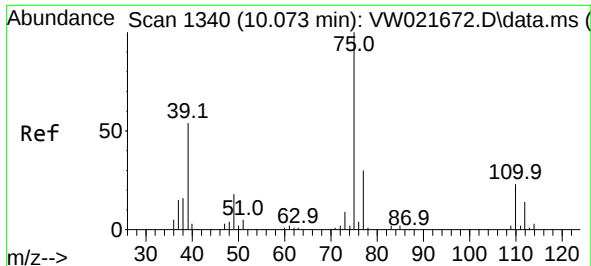
Ion Ratio Lower Upper

83 100

85 63.7 44.1 81.9

127 9.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 22.481 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

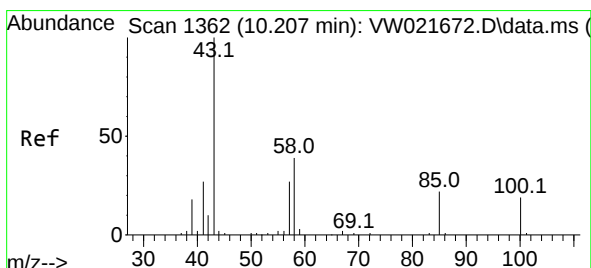
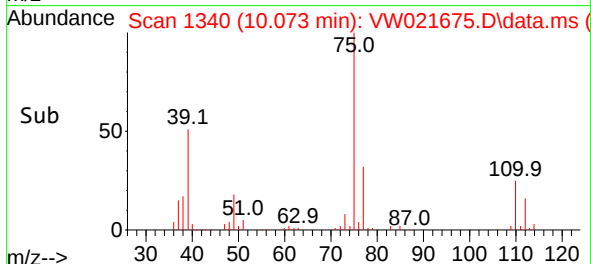
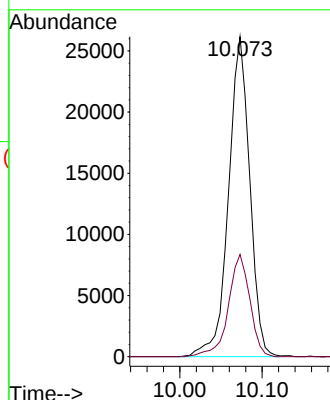
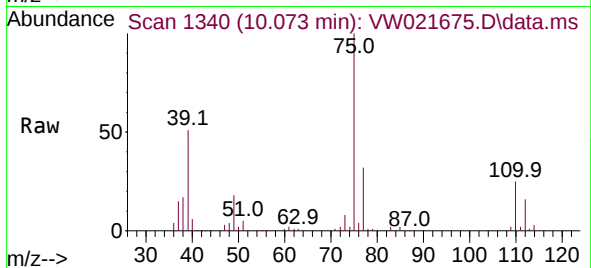
ClientSampleId :

Tgt Ion: 75 Resp: 46900

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.369 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

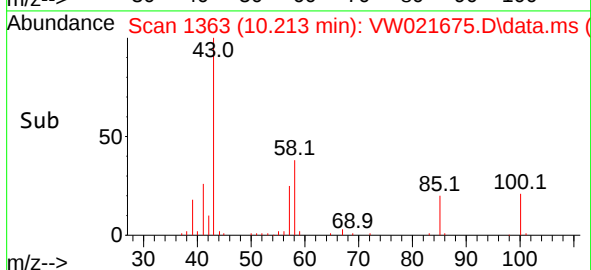
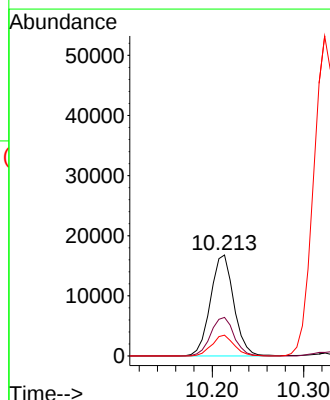
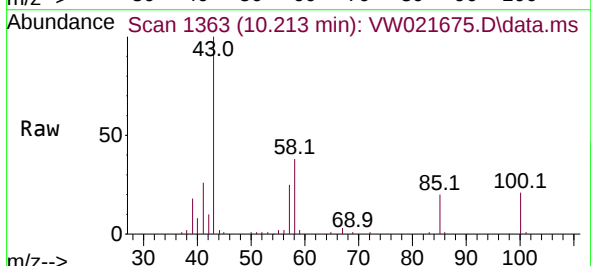
Tgt Ion: 43 Resp: 29802

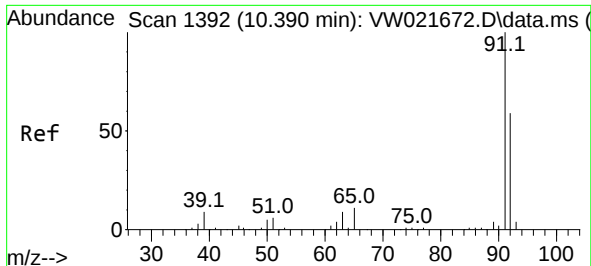
Ion Ratio Lower Upper

43 100

58 38.2 28.8 43.2

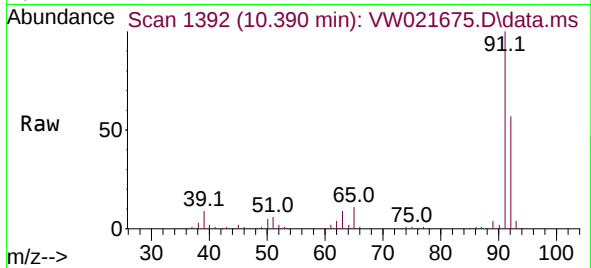
100 19.7 10.0 15.0#



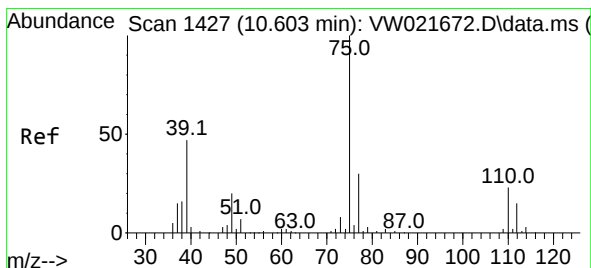
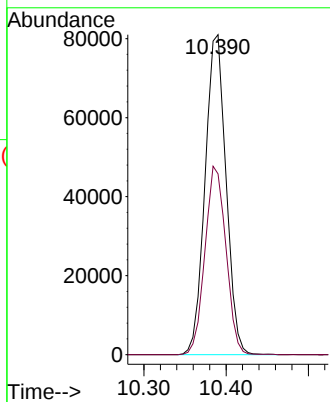
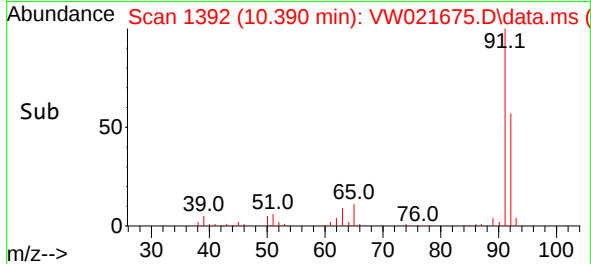


#42
Toluene
Concen: 21.566 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

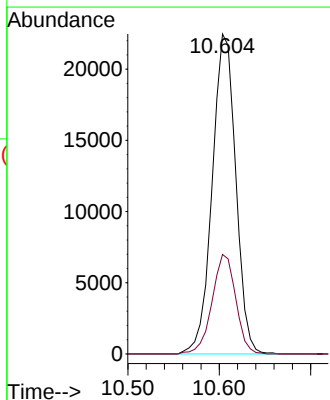
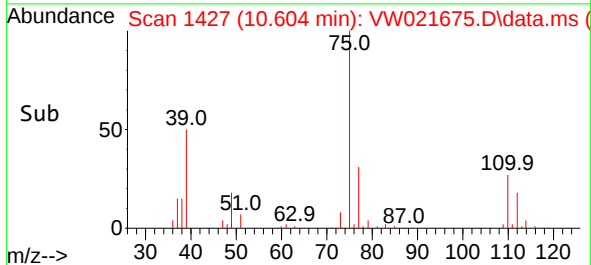
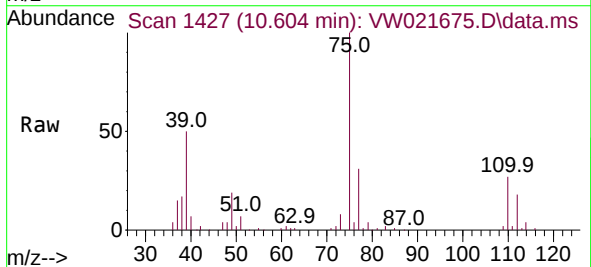


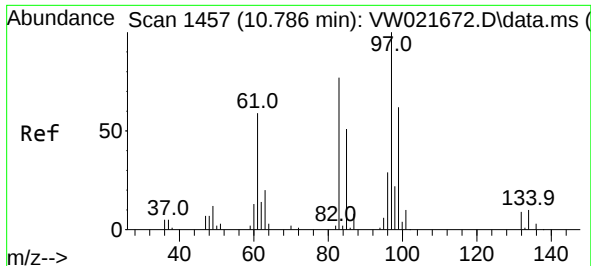
Tgt Ion: 91 Resp: 143434
Ion Ratio Lower Upper
91 100
92 56.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 21.481 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 75 Resp: 40265
Ion Ratio Lower Upper
75 100
77 31.1 22.2 41.2



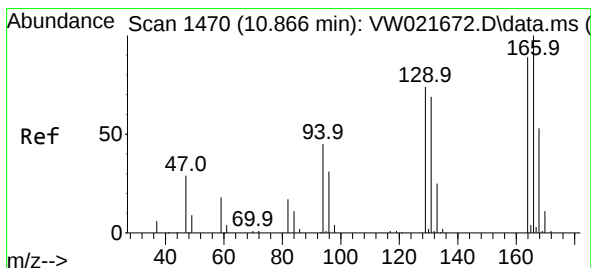
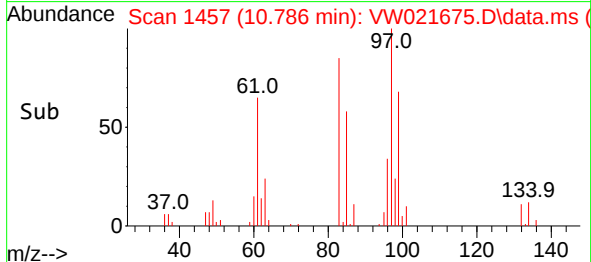
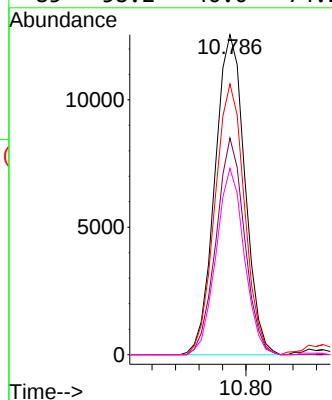
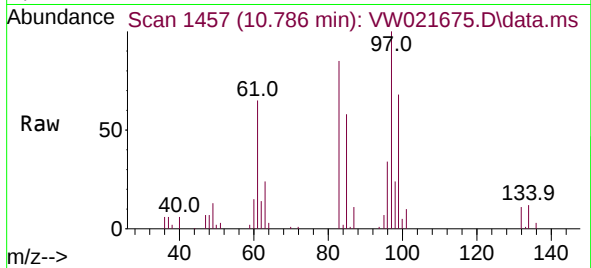


#45
1,1,2-Trichloroethane
Concen: 20.938 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 22206

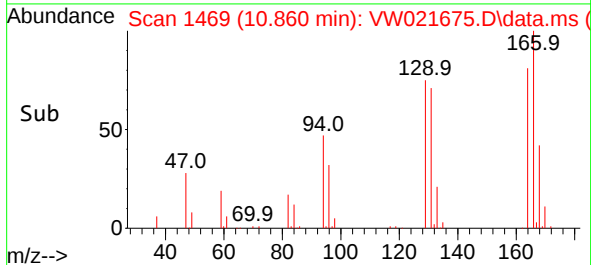
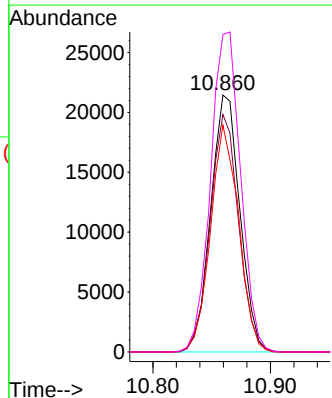
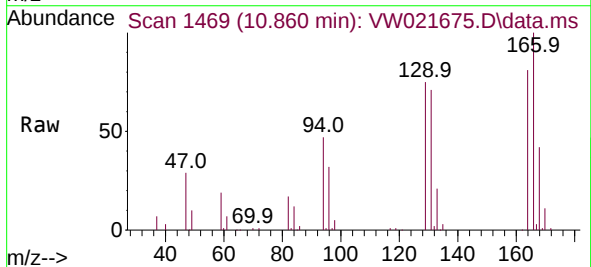
Ion	Ratio	Lower	Upper
97	100		
99	67.7	43.0	79.8
83	84.6	62.6	116.3
85	58.2	40.0	74.2

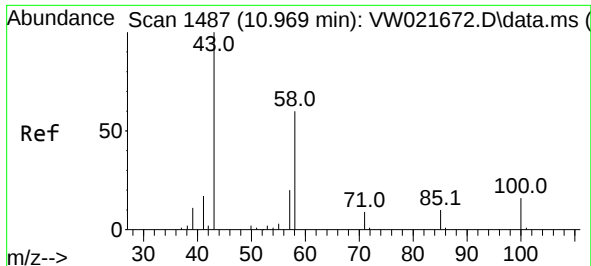


#46
Tetrachloroethene
Concen: 24.248 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 164 Resp: 37140

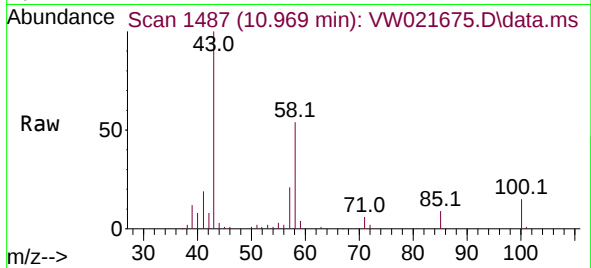
Ion	Ratio	Lower	Upper
164	100		
129	92.4	65.5	121.7
131	88.2	59.7	110.9
166	123.5	88.7	164.7



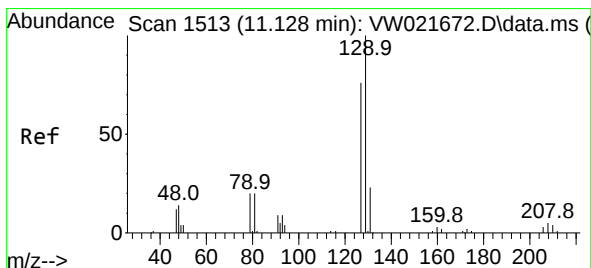
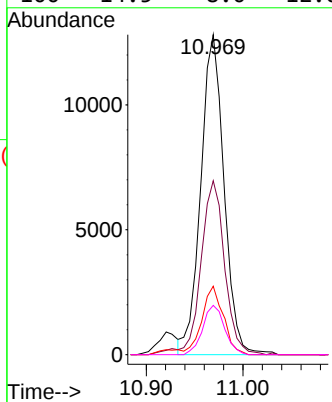
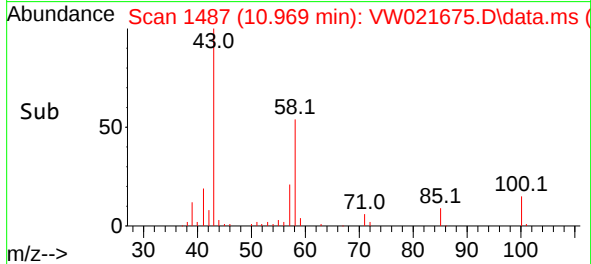


#48
2-Hexanone
Concen: 44.924 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

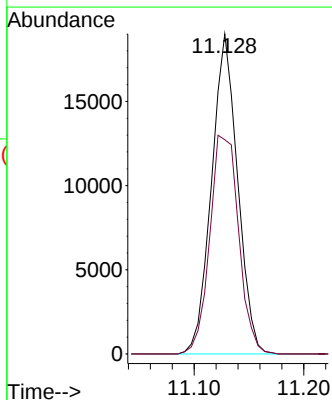
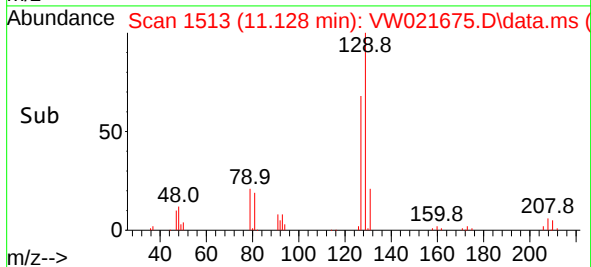
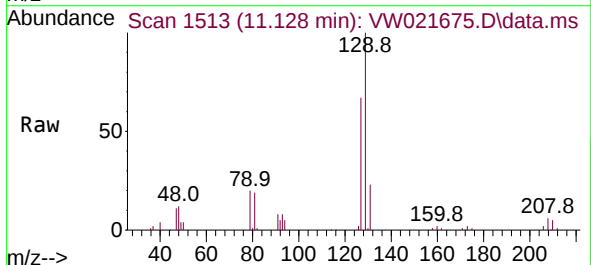


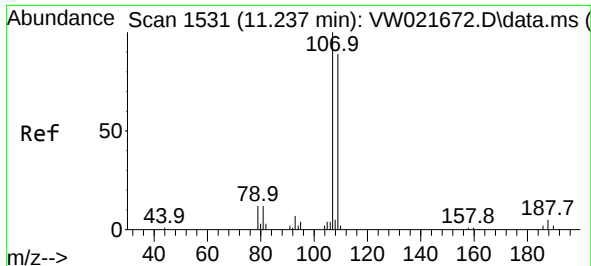
Tgt Ion: 43 Resp: 21459
Ion Ratio Lower Upper
43 100
58 54.3 40.2 60.2
57 19.6 14.3 21.5
100 14.5 8.0 12.0#



#49
Dibromochloromethane
Concen: 22.067 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 129 Resp: 31444
Ion Ratio Lower Upper
129 100
127 66.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 20.784 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

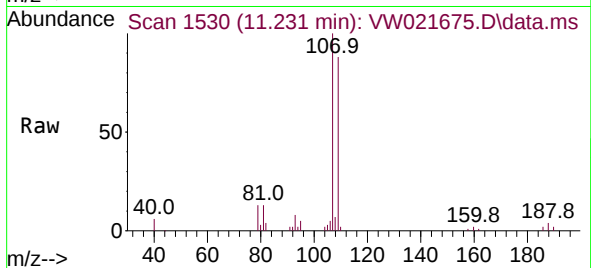
Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :



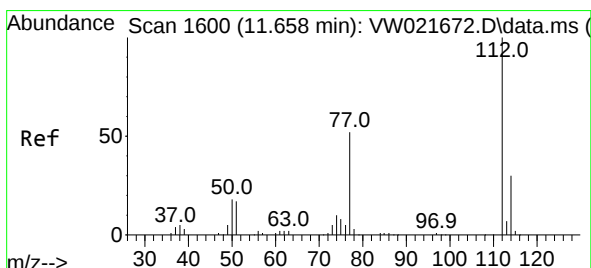
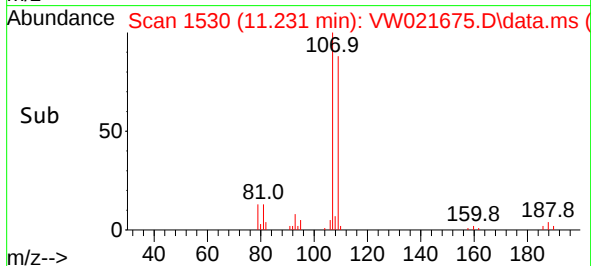
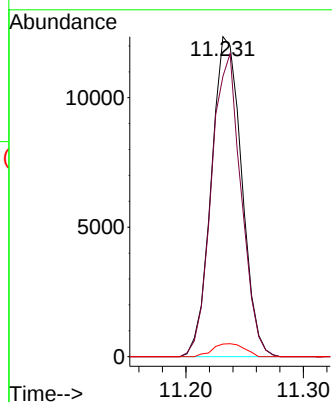
Tgt Ion:107 Resp: 22138

Ion Ratio Lower Upper

107 100

109 87.6 64.1 119.1

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 18.982 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

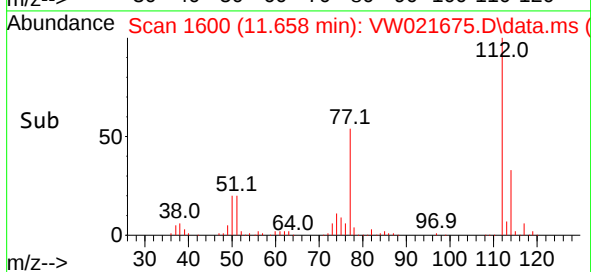
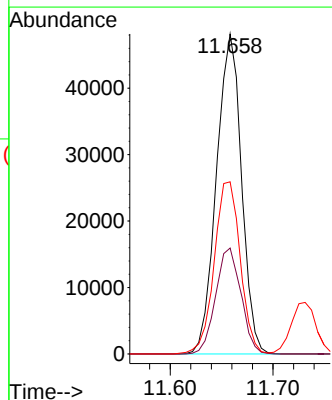
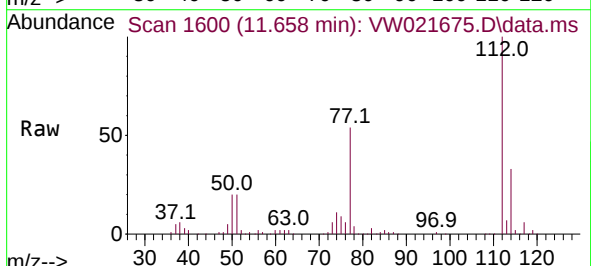
Tgt Ion:112 Resp: 81455

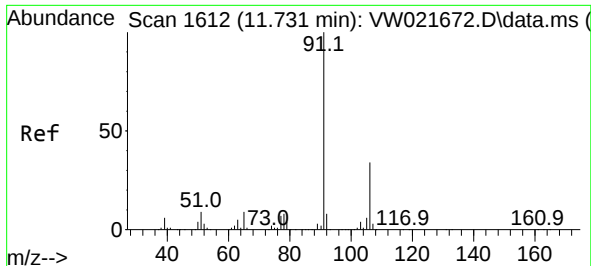
Ion Ratio Lower Upper

112 100

114 33.1 22.4 41.6

77 53.8 50.2 75.4





#52

Ethylbenzene

Concen: 20.530 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

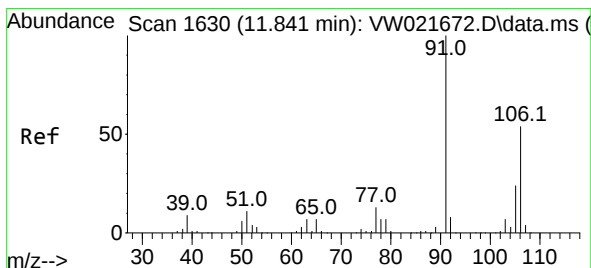
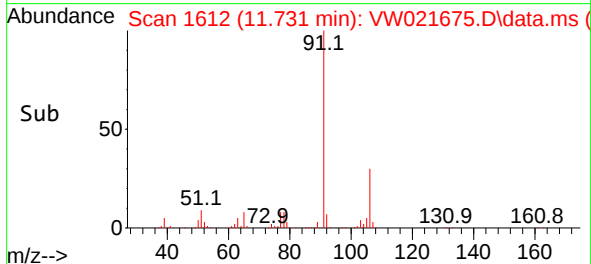
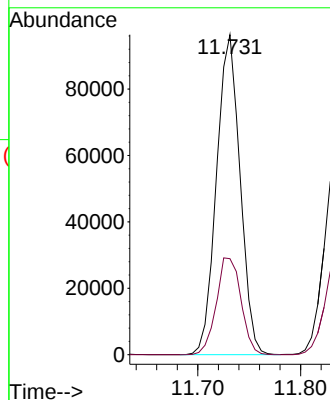
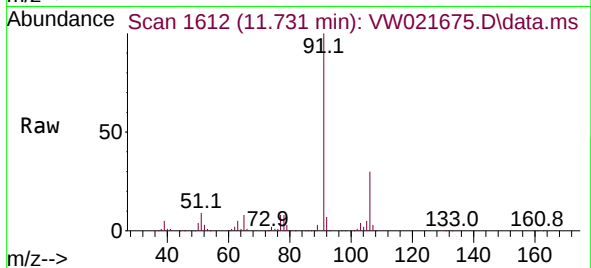
ClientSampleId :

Tgt Ion: 91 Resp: 153271

Ion Ratio Lower Upper

91 100

106 30.0 21.5 39.9



#53

m,p-Xylene

Concen: 19.847 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021675.D

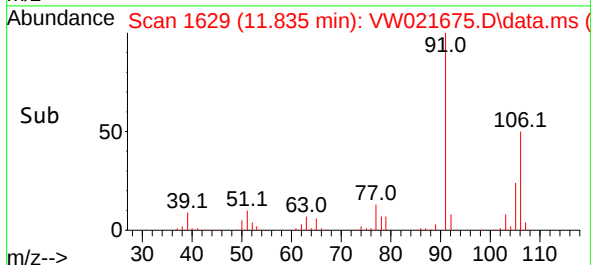
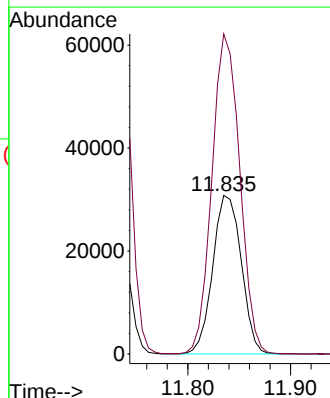
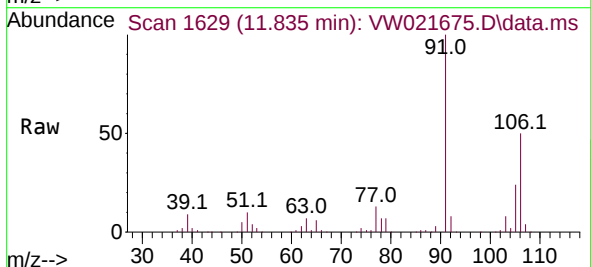
Acq: 28 Dec 2021 18:22

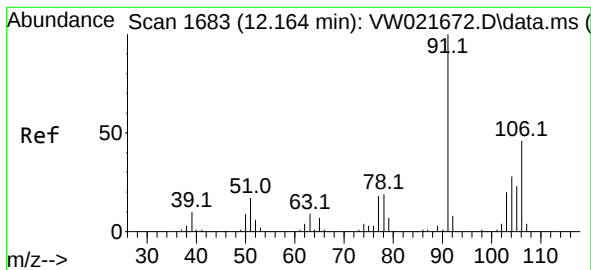
Tgt Ion:106 Resp: 59372

Ion Ratio Lower Upper

106 100

91 201.9 149.9 278.3





#54

o-Xylene

Concen: 19.788 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

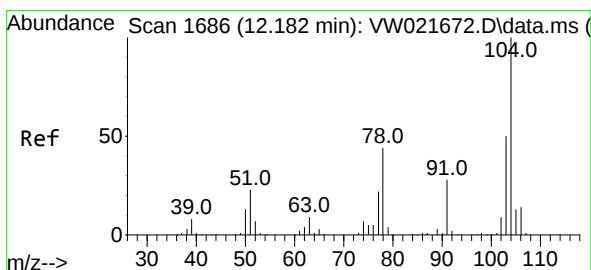
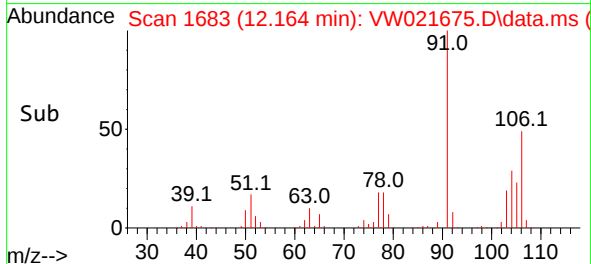
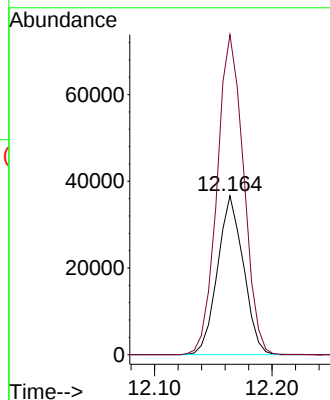
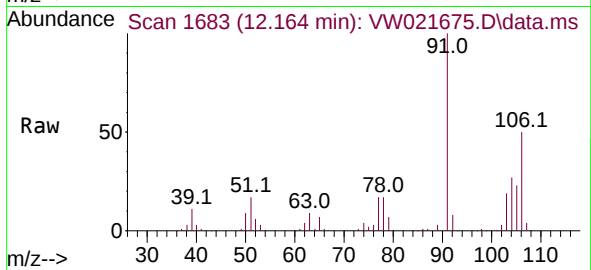
ClientSampleId :

Tgt Ion:106 Resp: 56104

Ion Ratio Lower Upper

106 100

91 201.5 153.6 285.3



#55

Styrene

Concen: 17.093 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW021675.D

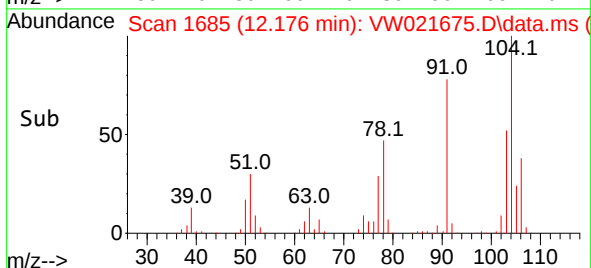
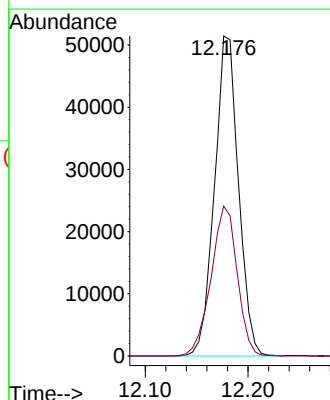
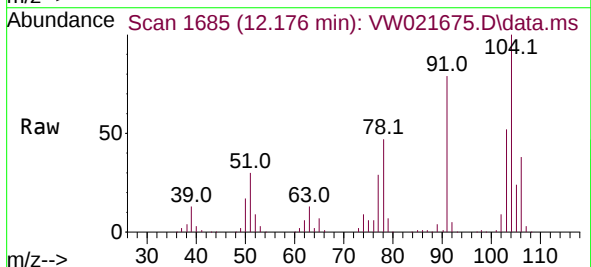
Acq: 28 Dec 2021 18:22

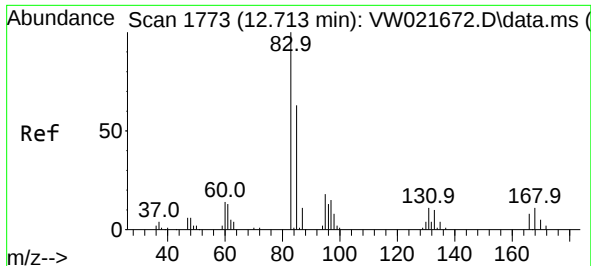
Tgt Ion:104 Resp: 83232

Ion Ratio Lower Upper

104 100

78 46.9 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 19.931 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021675.D

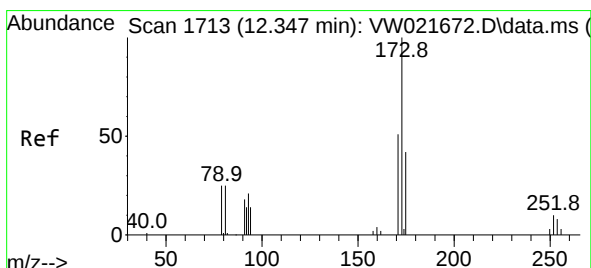
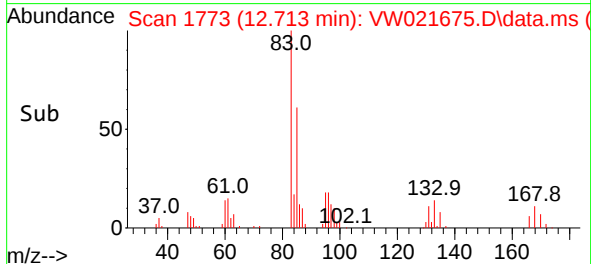
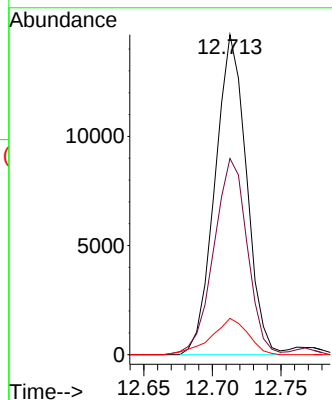
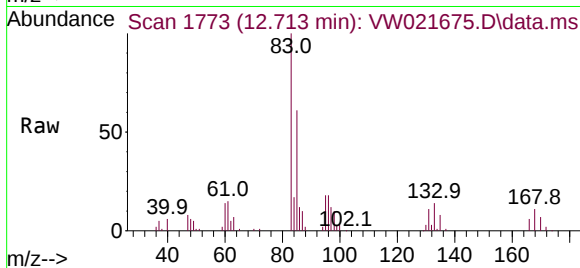
Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 23382
Ion Ratio	Lower Upper
83 100	
85 61.3	44.0 81.6
131 11.3	6.9 10.3#



#59

Bromoform

Concen: 27.600 ug/L

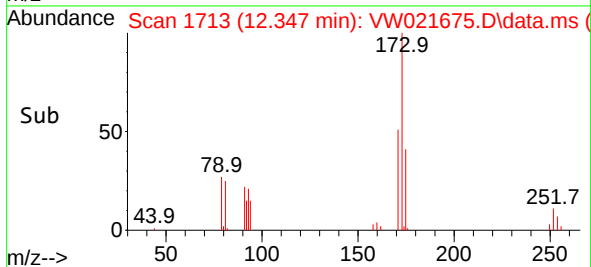
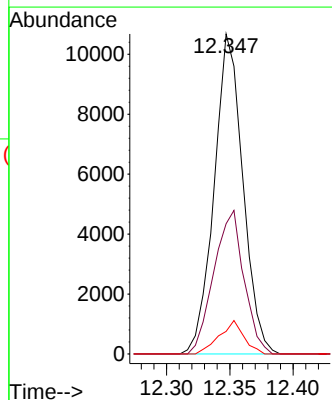
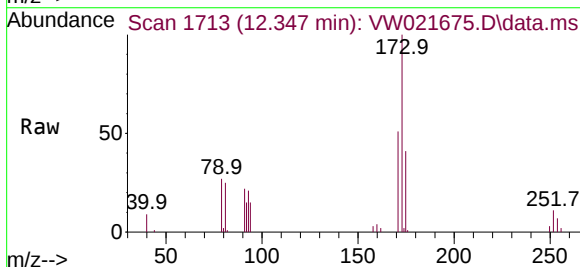
RT: 12.347 min Scan# 1713

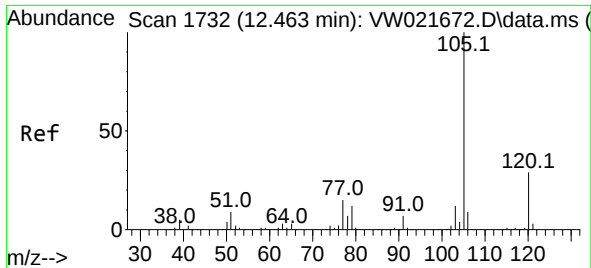
Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Tgt Ion: 173	Resp: 16869
Ion Ratio	Lower Upper
173 100	
175 46.9	39.6 59.4
254 8.9	7.4 11.0

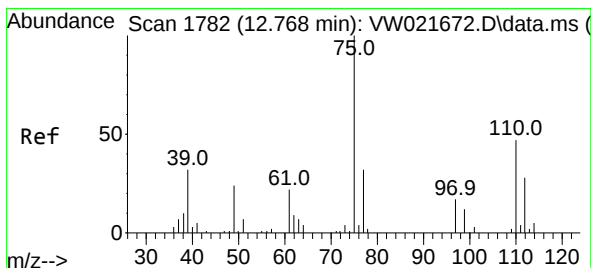
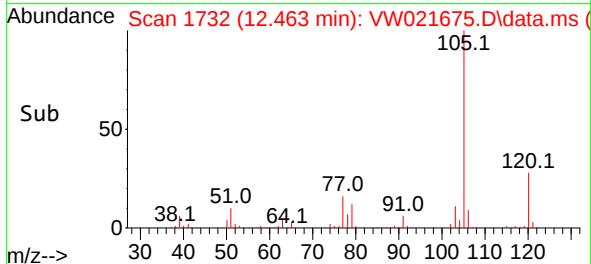
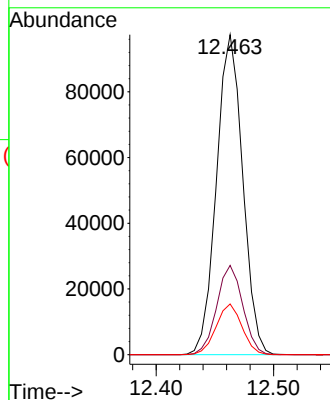
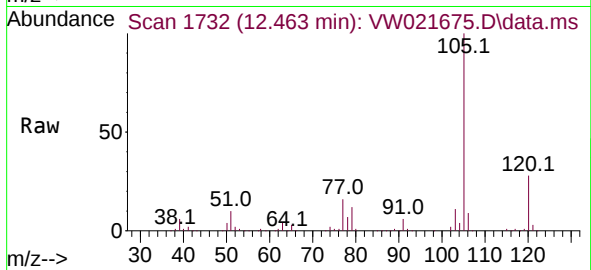




#60
Isopropylbenzene
Concen: 25.913 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

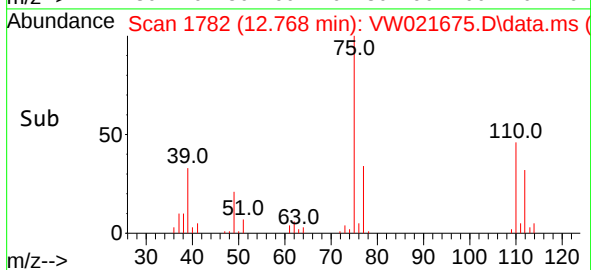
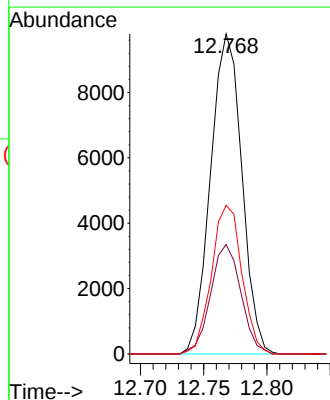
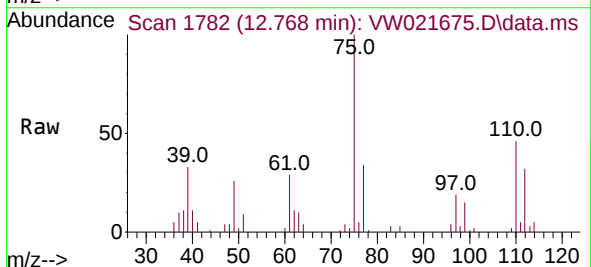
Instrument :
MSVOA_W
ClientSampleId :

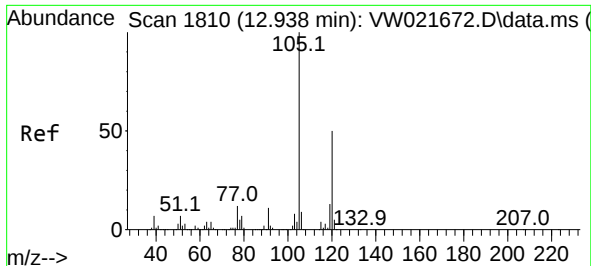
Tgt Ion:105 Resp: 151271
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.260 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 75 Resp: 16828
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8
110 45.1 29.0 43.4#

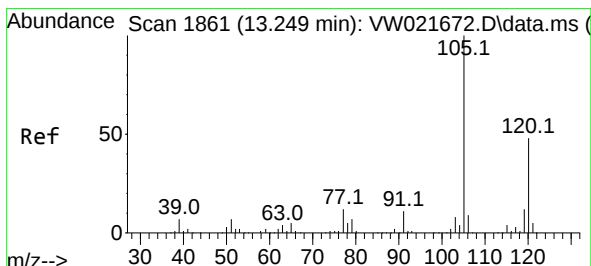
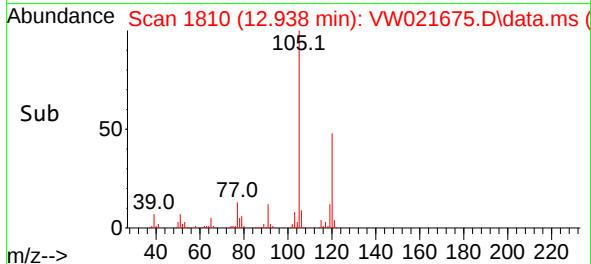
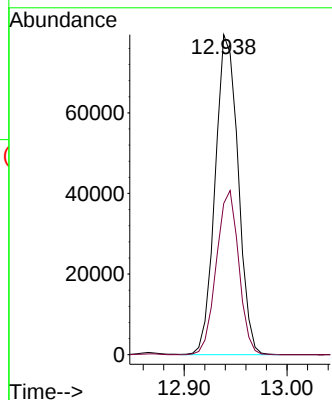
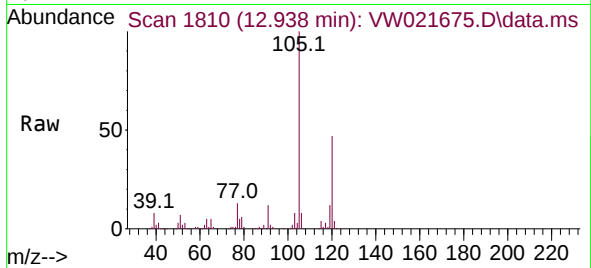




#62
 1,3,5-Trimethylbenzene
 Concen: 24.928 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

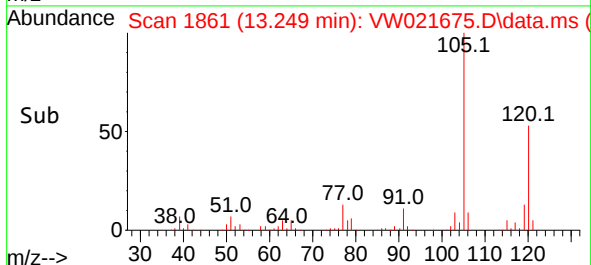
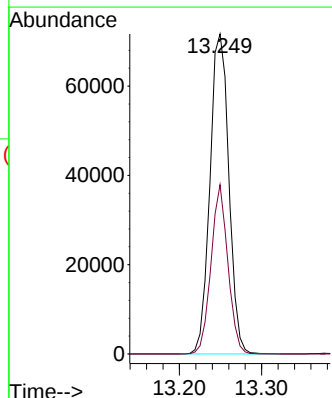
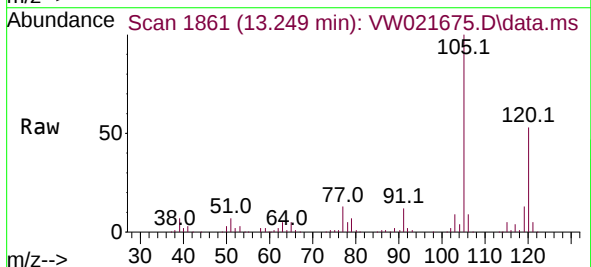
Instrument :
 MSVOA_W
 ClientSampleId :

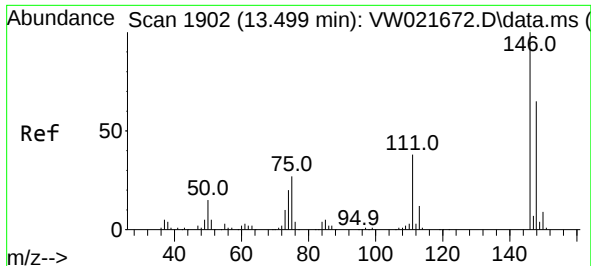
Tgt Ion:105 Resp: 123030
 Ion Ratio Lower Upper
 105 100
 120 50.0 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.328 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021675.D
 Acq: 28 Dec 2021 18:22

Tgt Ion:105 Resp: 114365
 Ion Ratio Lower Upper
 105 100
 120 47.2 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 19.589 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :

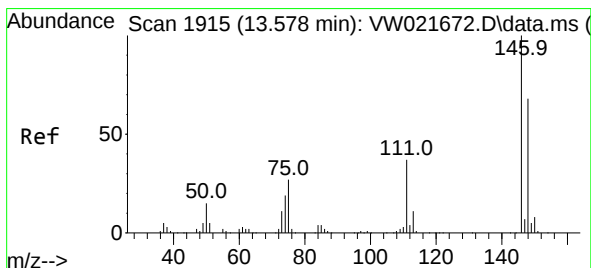
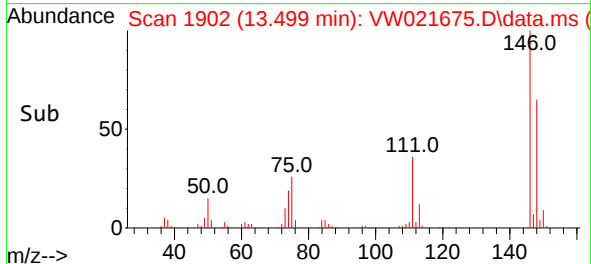
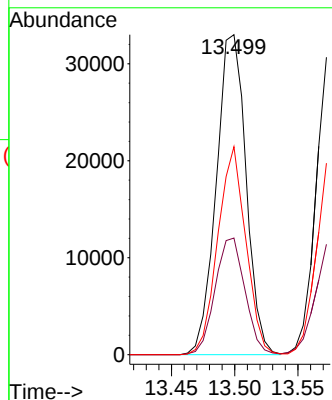
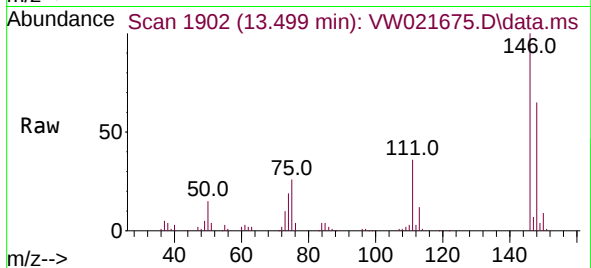
Tgt Ion:146 Resp: 53992

Ion Ratio Lower Upper

146 100

111 36.5 29.8 55.3

148 65.0 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 18.925 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW021675.D

Acq: 28 Dec 2021 18:22

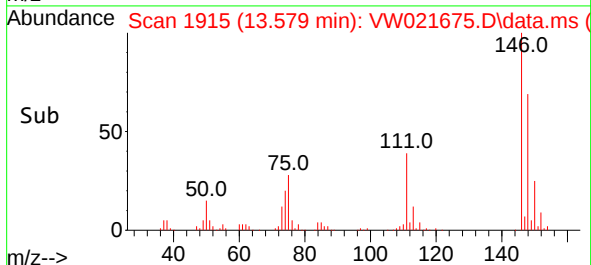
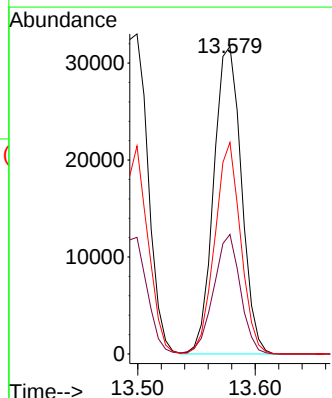
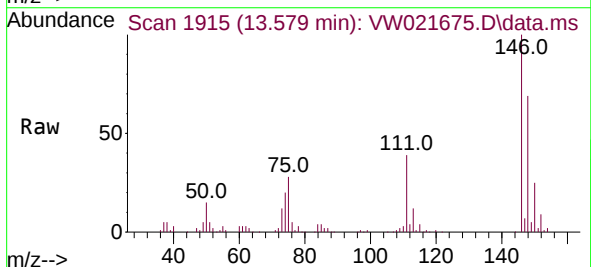
Tgt Ion:146 Resp: 52013

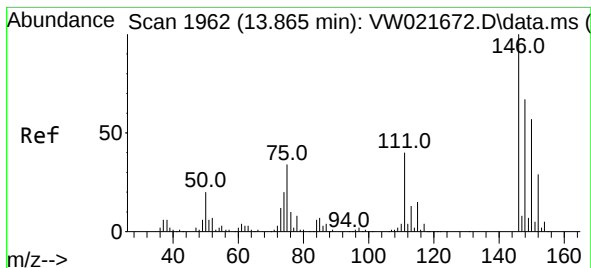
Ion Ratio Lower Upper

146 100

111 38.9 29.0 53.9

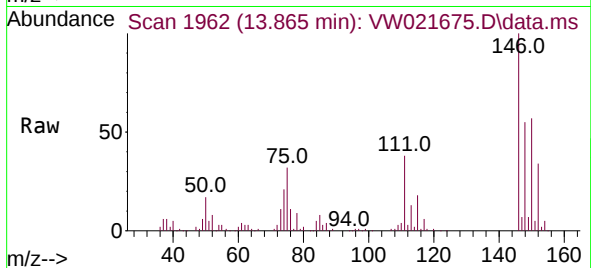
148 68.8 46.9 87.1



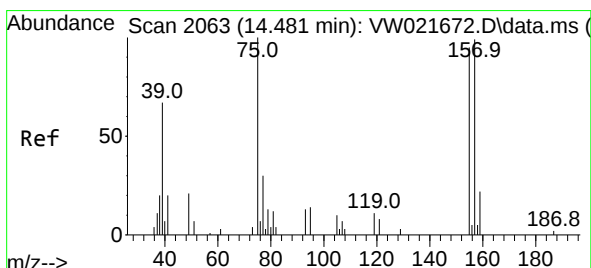
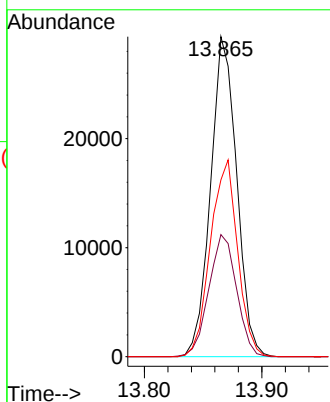
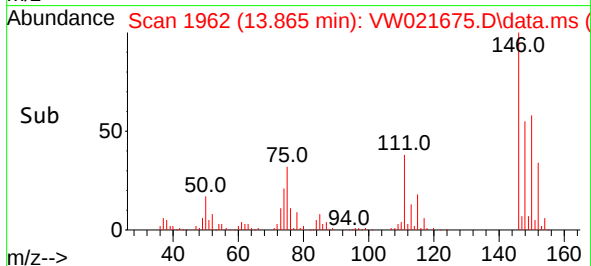


#67
1,2-Dichlorobenzene
Concen: 18.870 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

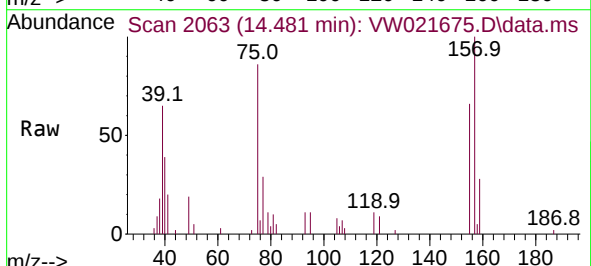
Instrument :
MSVOA_W
ClientSampleId :



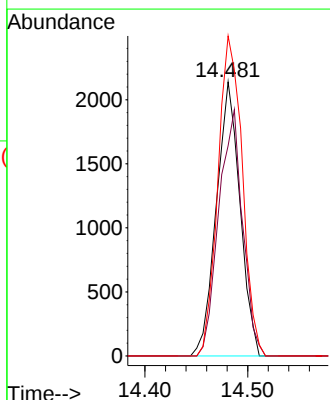
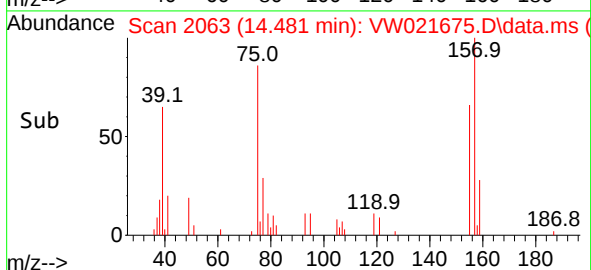
Tgt Ion:146 Resp: 45409
Ion Ratio Lower Upper
146 100
111 38.2 33.1 49.7
148 55.2 47.4 71.2

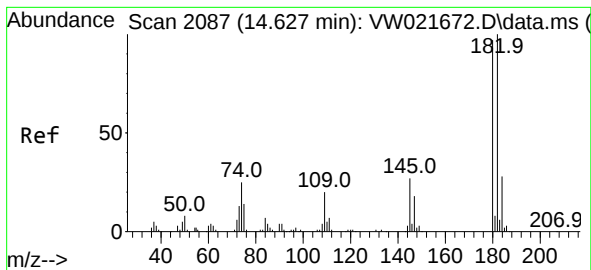


#68
1,2-Dibromo-3-chloropropane
Concen: 24.117 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22



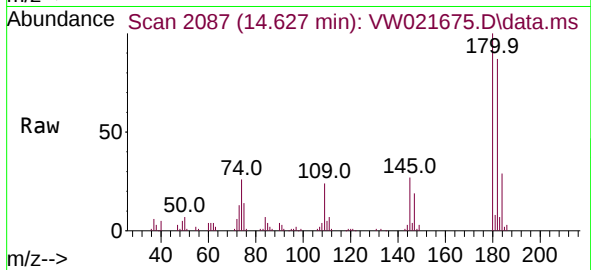
Tgt Ion: 75 Resp: 3403
Ion Ratio Lower Upper
75 100
155 76.7 54.2 81.2
157 116.8 69.4 104.2#



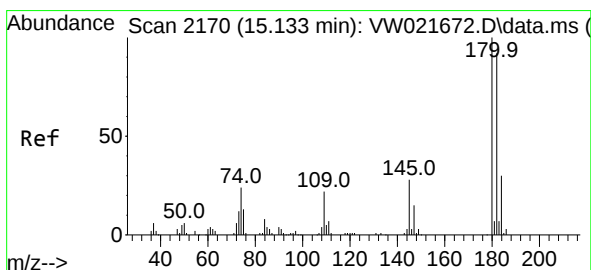
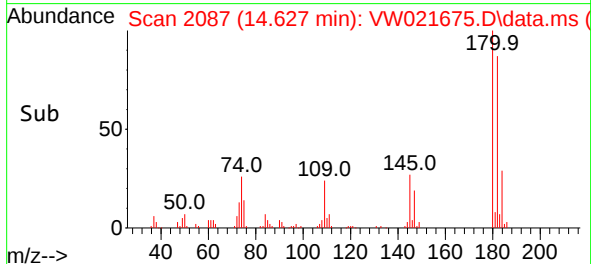
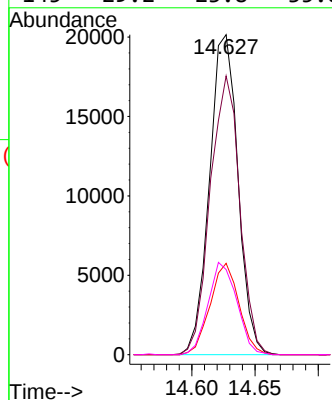


#69
1,3,5-Trichlorobenzene
Concen: 15.587 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

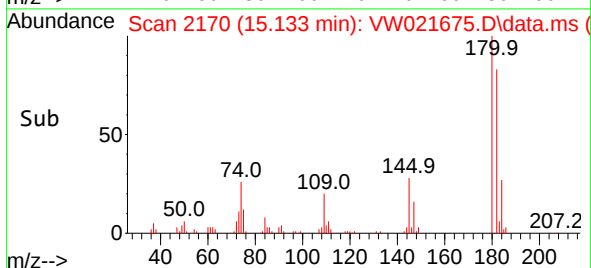
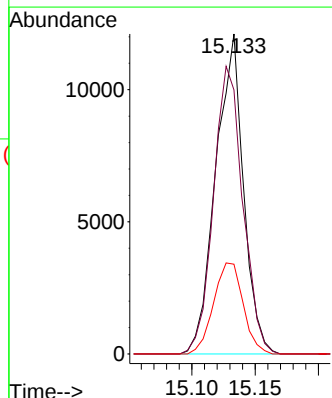
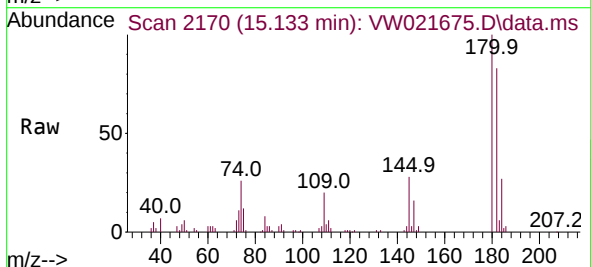


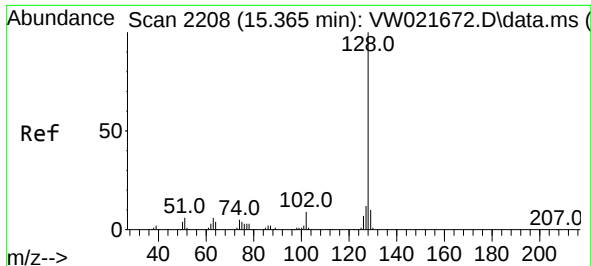
Tgt Ion:180 Resp: 31560
Ion Ratio Lower Upper
180 100
182 90.0 75.4 113.0
184 29.0 23.8 35.8
145 29.2 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 11.415 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

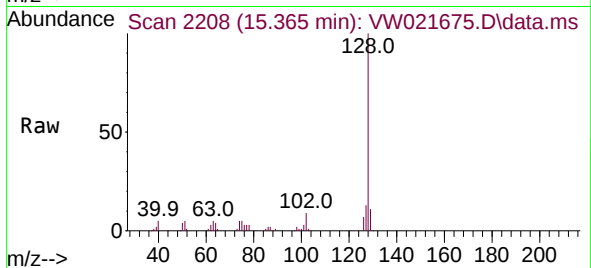
Tgt Ion:180 Resp: 18449
Ion Ratio Lower Upper
180 100
182 95.1 79.0 118.6
145 30.4 26.0 39.0



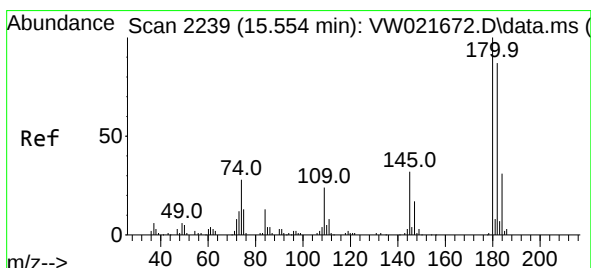
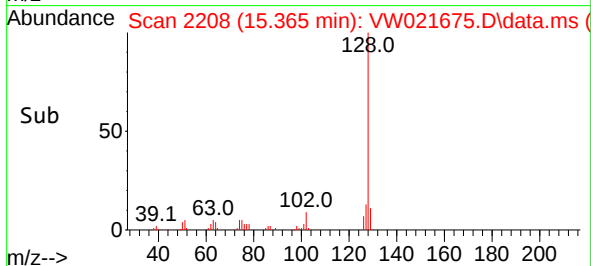
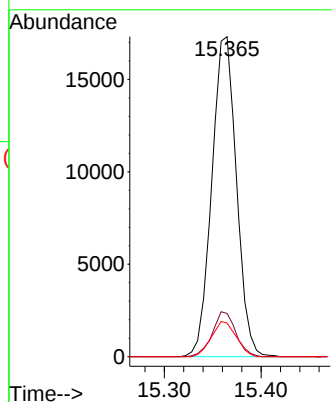


#71
Naphthalene
Concen: 11.658 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	30656
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	11.1	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 11.381 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021675.D
Acq: 28 Dec 2021 18:22

Tgt Ion:	180	Resp:	15484
Ion Ratio	Lower	Upper	
180	100		
182	87.7	76.6	114.8
145	29.4	27.4	41.0

