

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW123021\
 Data File : VW021700.D
 Acq On : 30 Dec 2021 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 31 00:49:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	81097	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	80349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50448	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42693	26.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.800%	
7) Chloroethane-d5	2.879	69	30867	28.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.640%	
11) 1,1-Dichloroethene-d2	4.013	63	56552	24.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.680%	
21) 2-Butanone-d5	7.080	46	10994	46.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.000%	
24) Chloroform-d	7.647	84	61758	24.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.520%	
26) 1,2-Dichloroethane-d4	8.305	65	31443	23.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 94.040%	
32) Benzene-d6	8.274	84	114194	23.935	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.760%	
36) 1,2-Dichloropropane-d6	9.274	67	32066	24.776	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.120%	
41) Toluene-d8	10.323	98	116577	24.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.080%	
43) trans-1,3-Dichloroprop...	10.579	79	14654	23.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.080%	
47) 2-Hexanone-d5	10.920	63	9193	46.835	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.680%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25192	23.610	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 94.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	43340	22.466	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 89.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	15449	32.127	ug/L	94
3) Chloromethane	2.215	50	30862	24.848	ug/L	99
5) Vinyl chloride	2.361	62	48625	26.544	ug/L	99
6) Bromomethane	2.775	94	35133	29.476	ug/L	95
8) Chloroethane	2.916	64	24999	28.639	ug/L	96
9) Trichlorofluoromethane	3.257	101	26336	23.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	33898	25.253	ug/L	91
12) 1,1-Dichloroethene	4.037	96	30380	25.305	ug/L	76
13) Acetone	4.129	43	9664	48.655	ug/L	95
14) Carbon disulfide	4.385	76	91677	26.388	ug/L	100
15) Methyl Acetate	4.671	43	9077	23.952	ug/L	# 87
16) Methylene chloride	4.909	84	30299	20.929	ug/L	82
17) trans-1,2-Dichloroethene	5.421	96	31488	24.827	ug/L	78
18) Methyl tert-butyl Ether	5.427	73	40301	22.821	ug/L	94
19) 1,1-Dichloroethane	6.214	63	49561	25.048	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	32393	24.605	ug/L	74
22) 2-Butanone	7.171	43	12827	47.503	ug/L	87
23) Bromochloromethane	7.512	128	16290	25.598	ug/L	# 63
25) Chloroform	7.671	83	57550	25.214	ug/L	100

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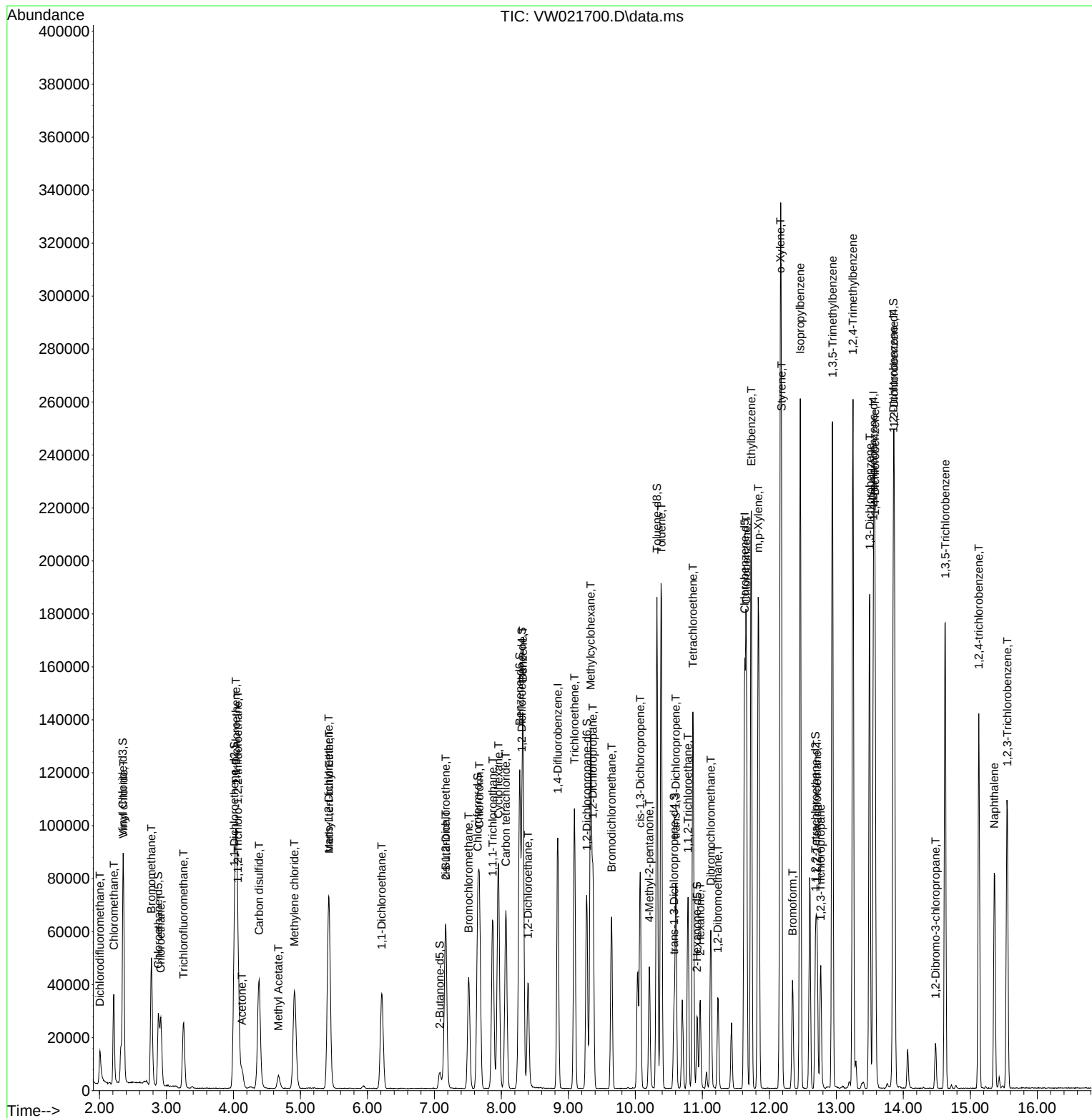
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27) 1,2-Dichloroethane	8.396	62	35507	23.984	ug/L	96
29) Cyclohexane	7.957	56	43799	23.572	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	52510	24.769	ug/L	95
31) Carbon tetrachloride	8.067	117	51433	24.949	ug/L	100
33) Benzene	8.323	78	118486	24.168	ug/L	100
34) Trichloroethene	9.091	95	34552	24.827	ug/L	91
35) Methylcyclohexane	9.335	83	53686	23.380	ug/L	85
37) 1,2-Dichloropropane	9.366	63	26760	24.630	ug/L #	95
38) Bromodichloromethane	9.646	83	41715	25.155	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	44585	25.116	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	27861	46.550	ug/L #	92
42) Toluene	10.390	91	136607	24.139	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	38665	24.242	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	21683	24.027	ug/L	92
46) Tetrachloroethene	10.859	164	32706	25.095	ug/L	97
48) 2-Hexanone	10.969	43	19655	48.356	ug/L #	91
49) Dibromochloromethane	11.128	129	30854	25.446	ug/L	100
50) 1,2-Dibromoethane	11.231	107	22232	24.529	ug/L	98
51) Chlorobenzene	11.658	112	91437	25.041	ug/L	90
52) Ethylbenzene	11.731	91	152070	23.938	ug/L	98
53) m,p-Xylene	11.835	106	60020	23.579	ug/L	91
54) o-Xylene	12.164	106	58646	24.309	ug/L	92
55) Styrene	12.182	104	101961	24.609	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	24107	24.149	ug/L #	98
59) Bromoform	12.347	173	18187	24.702	ug/L	99
60) Isopropylbenzene	12.463	105	162861	23.159	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	17286	22.392	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.944	105	135970	22.870	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	137685	23.314	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	76190	22.947	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	77910	23.532	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	66983	23.107	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4116	24.214	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	57721	23.665	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	43140	22.158	ug/L	99
71) Naphthalene	15.359	128	71956	22.715	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	38169	23.289	ug/L	97

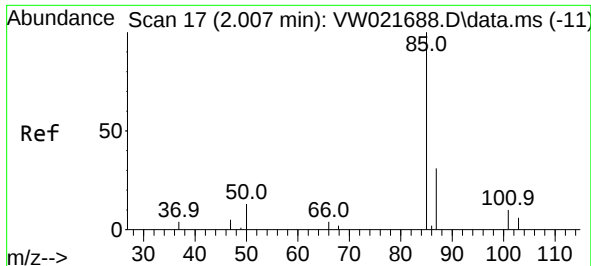
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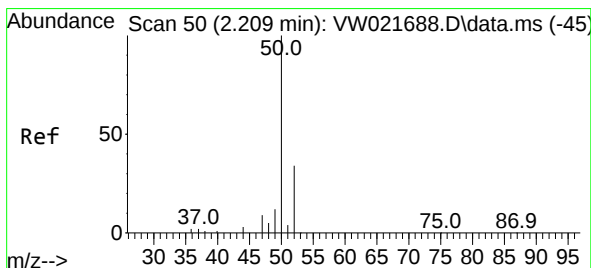
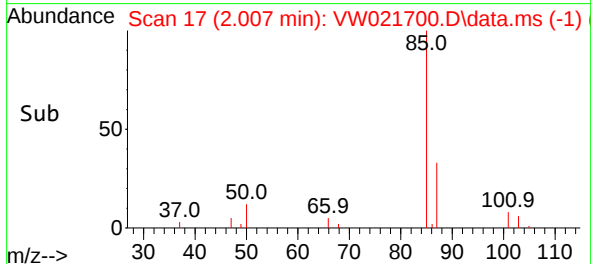
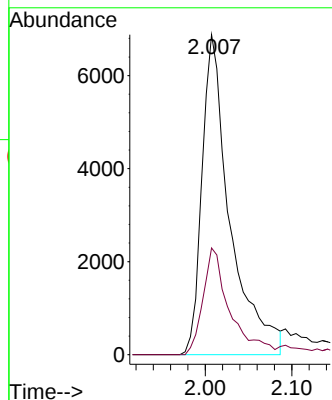
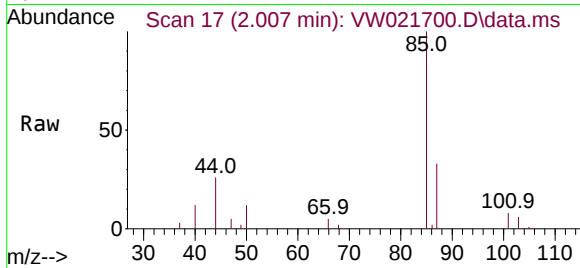




#2
 Dichlorodifluoromethane
 Concen: 32.127 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

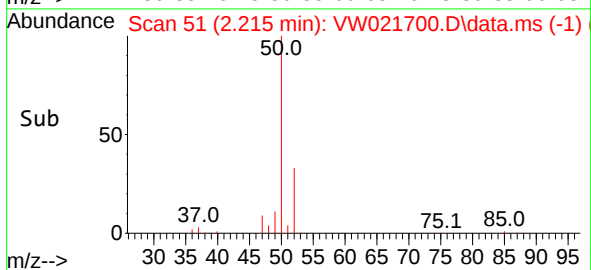
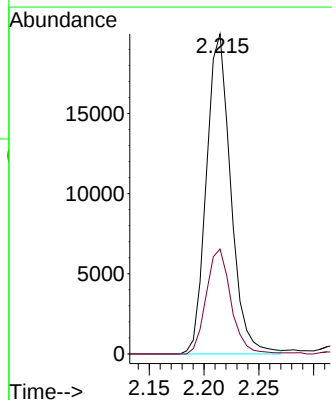
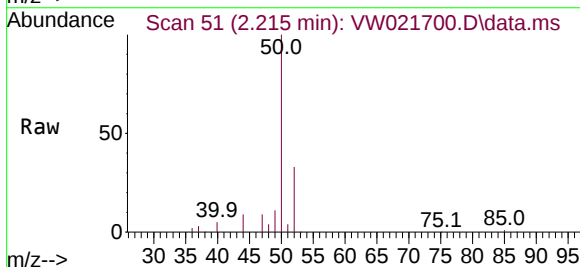
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 ClientSampleId :

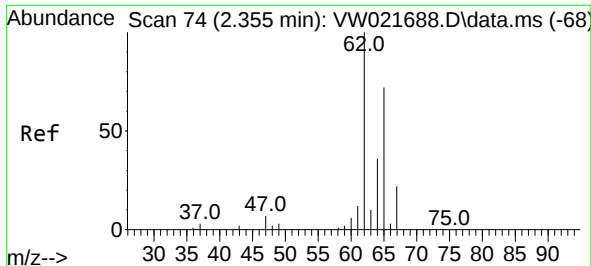
Tgt Ion: 85 Resp: 15449
 Ion Ratio Lower Upper
 85 100
 87 29.0 25.8 38.6



#3
 Chloromethane
 Concen: 24.848 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

Tgt Ion: 50 Resp: 30862
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.6

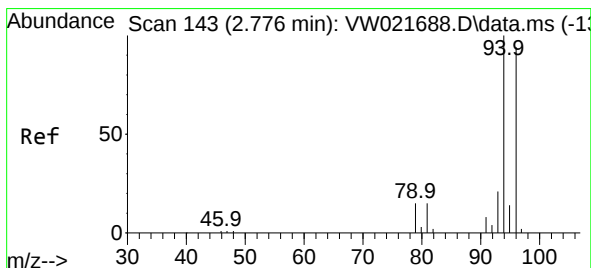
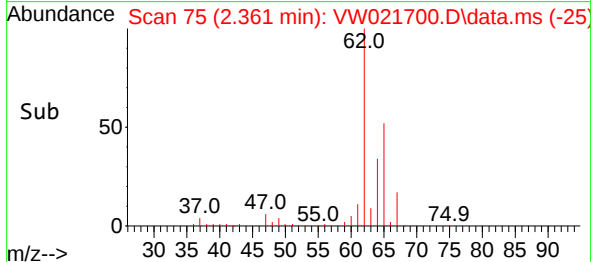
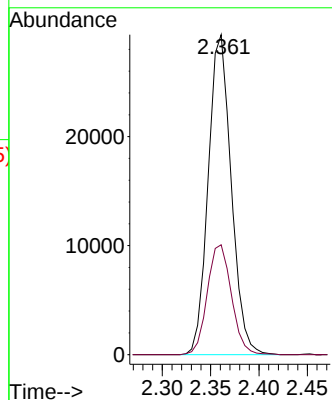
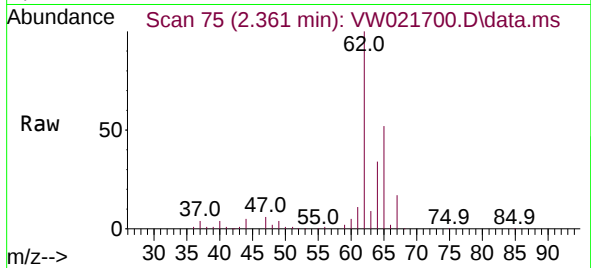




#5
 Vinyl chloride
 Concen: 26.544 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

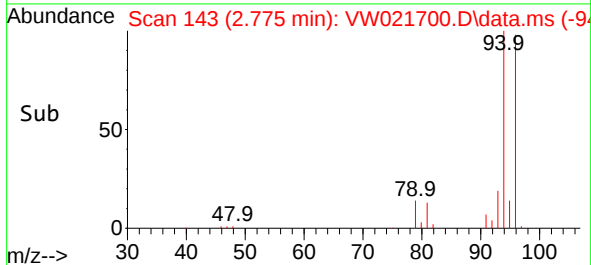
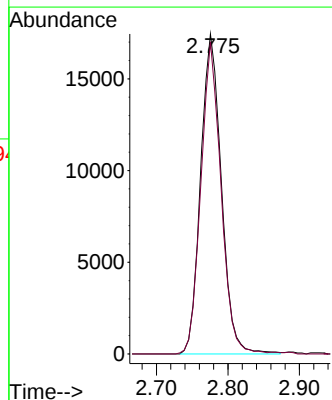
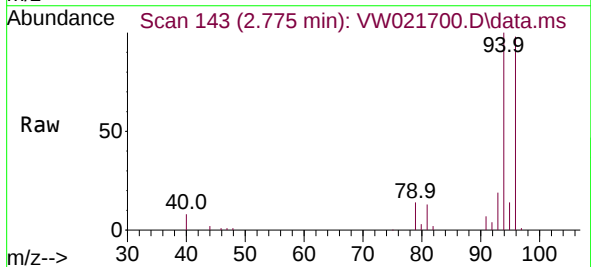
Instrument :
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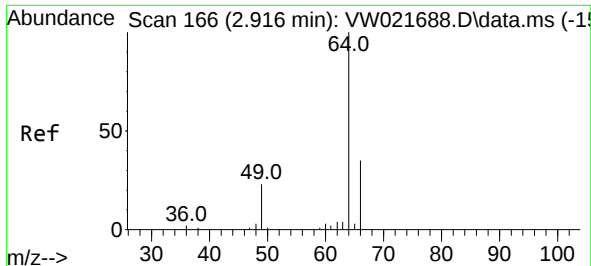
Tgt Ion: 62 Resp: 48625
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.4 45.2



#6
 Bromomethane
 Concen: 29.476 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

Tgt Ion: 94 Resp: 35133
 Ion Ratio Lower Upper
 94 100
 96 97.6 64.8 120.4

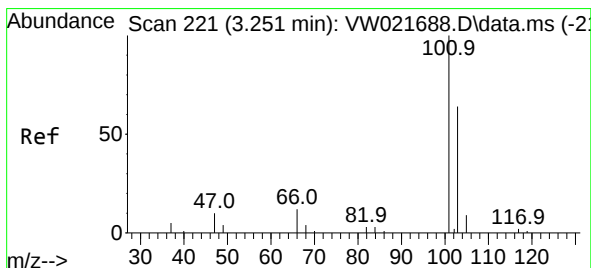
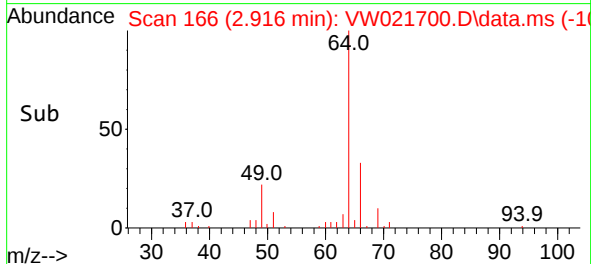
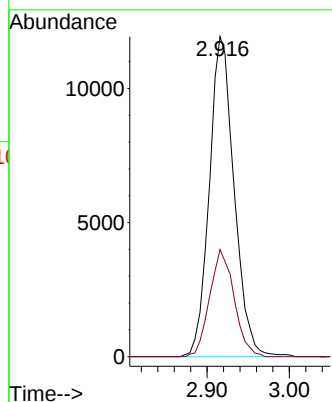
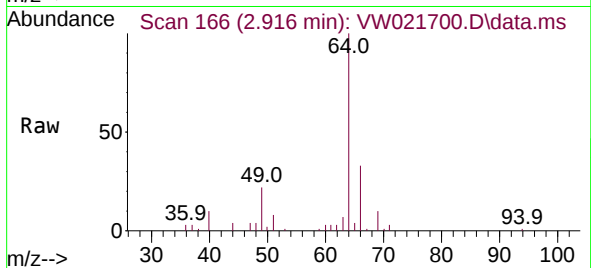




#8
Chloroethane
Concen: 28.639 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

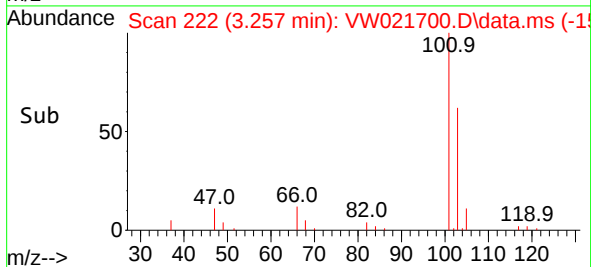
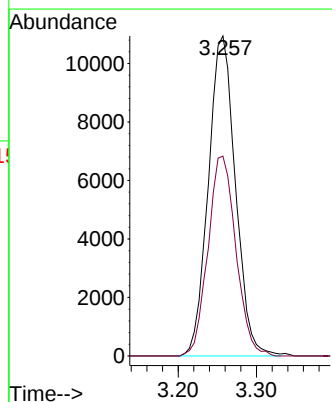
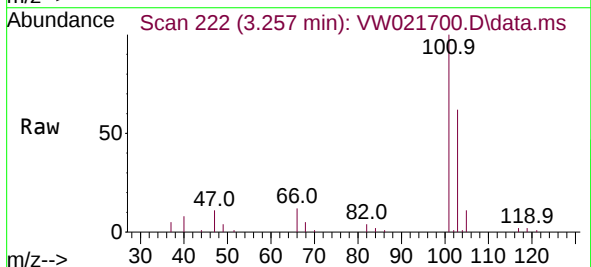
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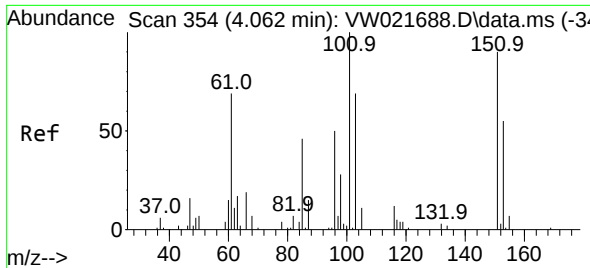
Tgt Ion: 64 Resp: 24999
Ion Ratio Lower Upper
64 100
66 33.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.895 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion:101 Resp: 26336
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

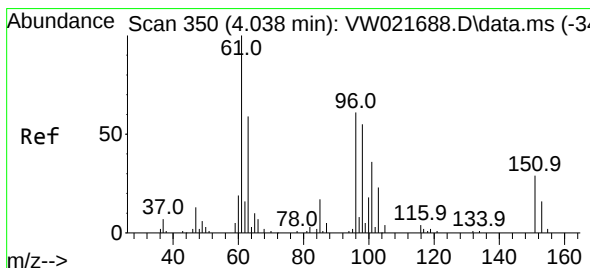
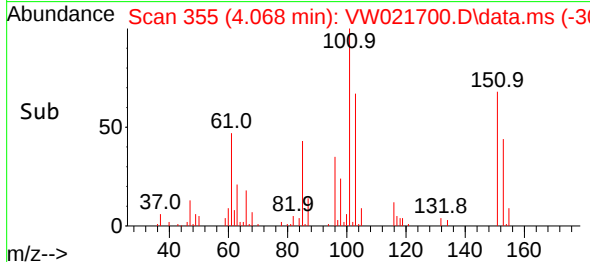
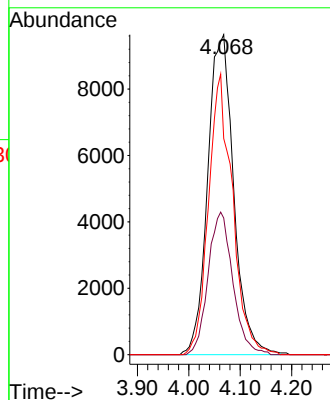
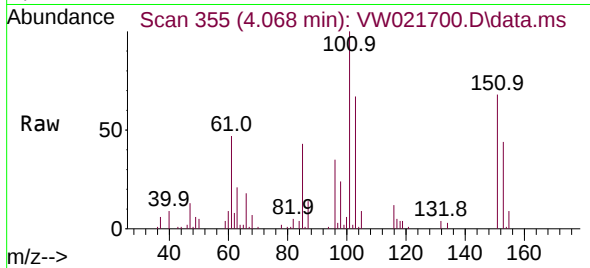




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.253 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

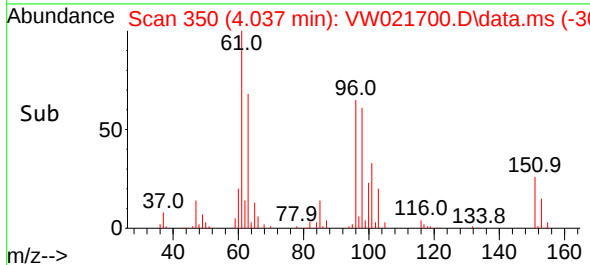
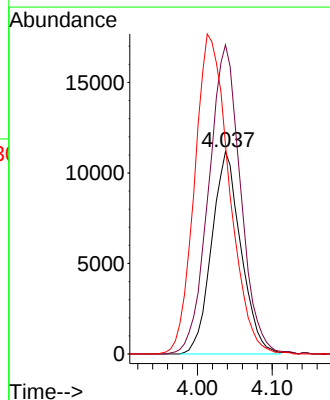
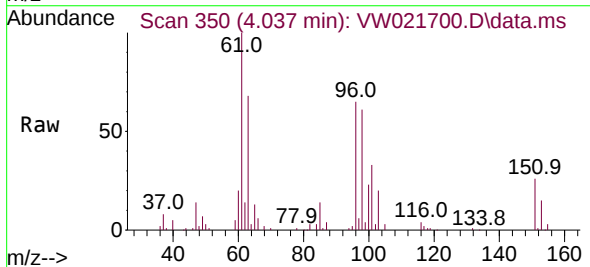
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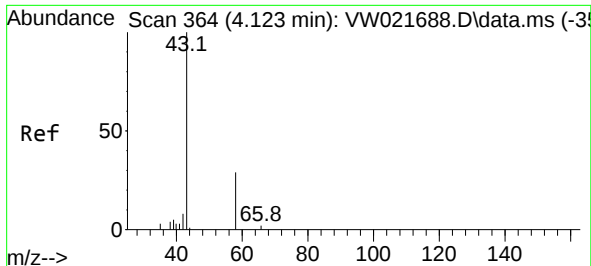
Tgt Ion:101 Resp: 33898
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.6 54.8
 151 81.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 25.305 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

Tgt Ion: 96 Resp: 30380
 Ion Ratio Lower Upper
 96 100
 61 152.7 138.3 256.9
 63 103.4 82.6 153.4





#13

Acetone

Concen: 48.655 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

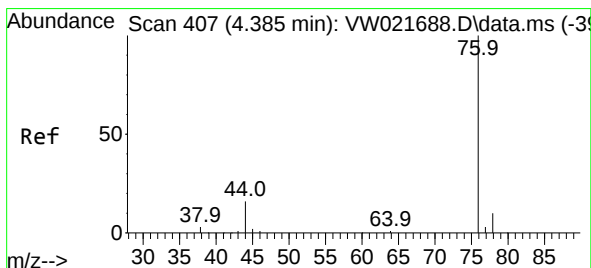
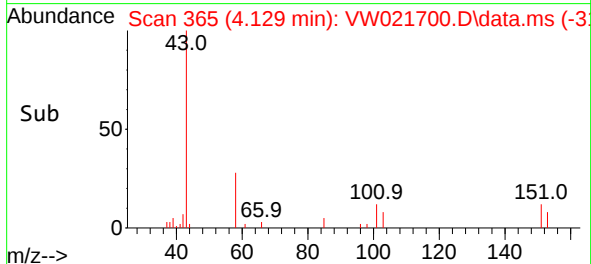
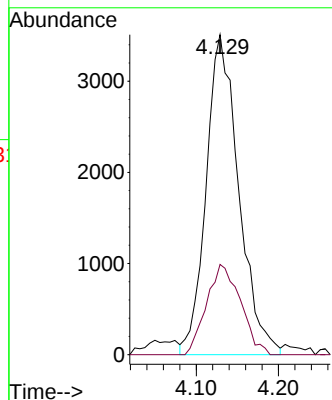
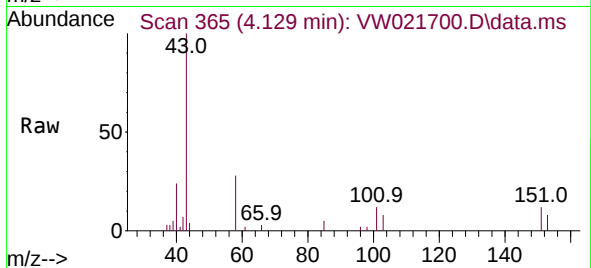
ClientSampleId :

Tgt Ion: 43 Resp: 9664

Ion Ratio Lower Upper

43 100

58 28.7 0.0 52.8



#14

Carbon disulfide

Concen: 26.388 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021700.D

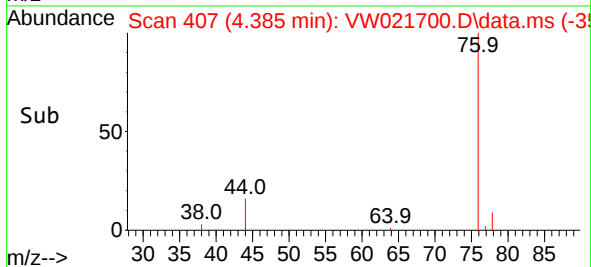
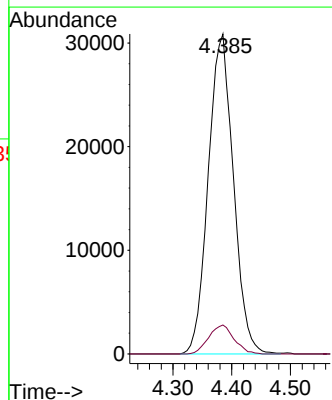
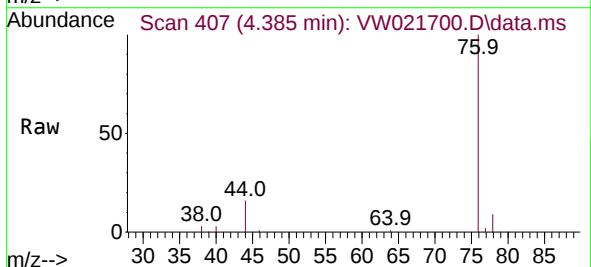
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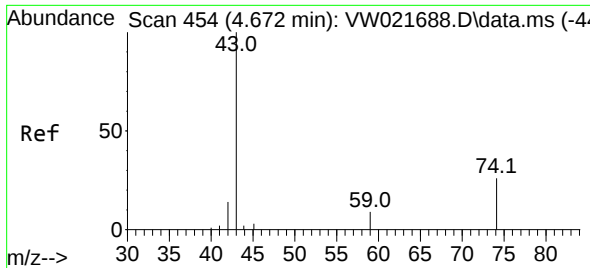
Tgt Ion: 76 Resp: 91677

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

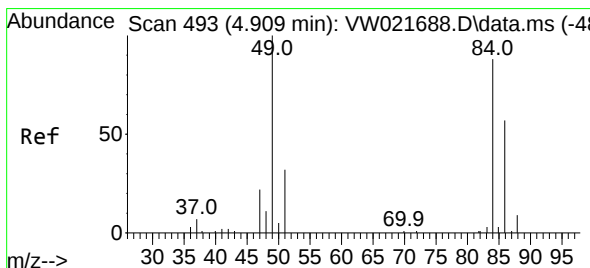
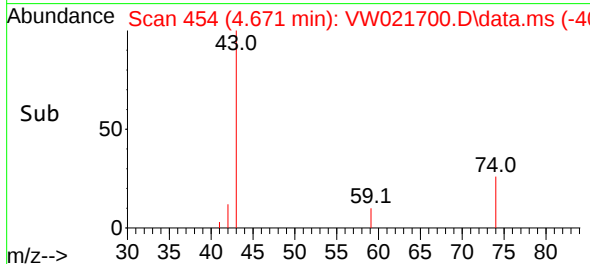
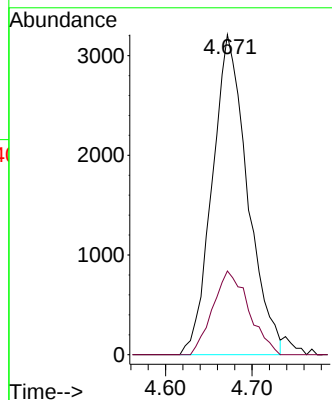
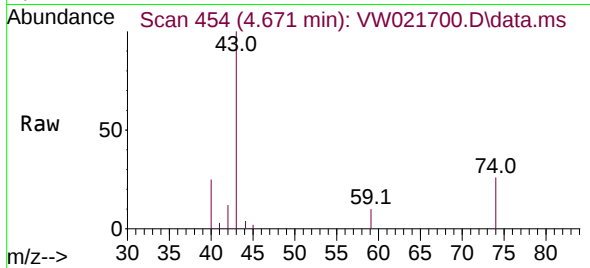




#15
Methyl Acetate
Concen: 23.952 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

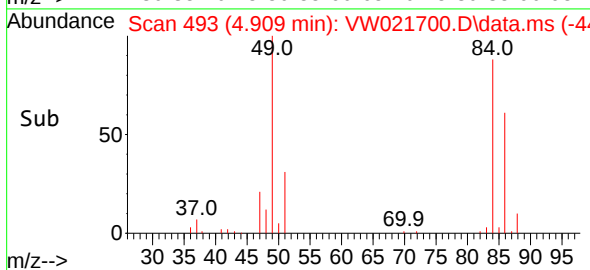
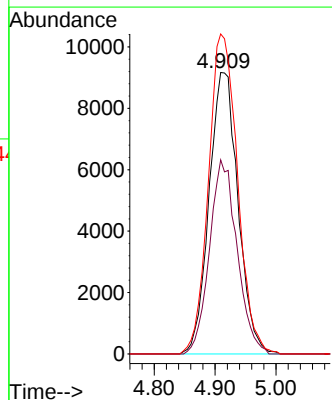
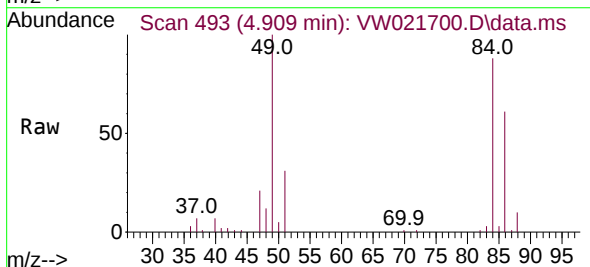
Instrument :
MSVOA_W
ClientSampleId :

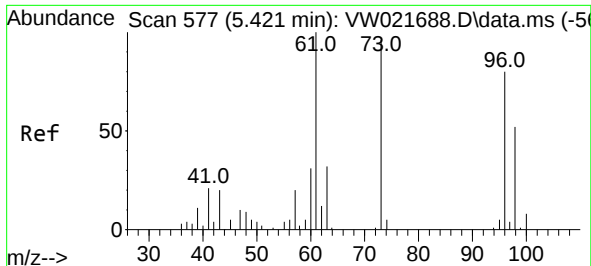
Tgt Ion: 43 Resp: 9077
Ion Ratio Lower Upper
43 100
74 26.7 16.4 24.6#



#16
Methylene chloride
Concen: 20.929 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion: 84 Resp: 30299
Ion Ratio Lower Upper
84 100
86 69.0 45.5 84.5
49 113.7 100.5 186.7

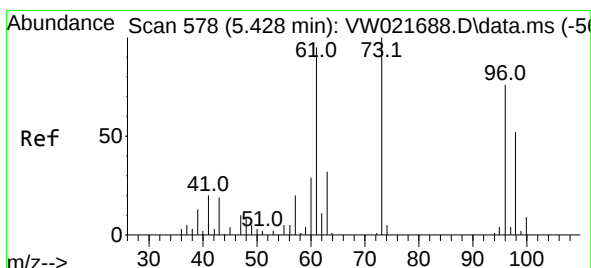
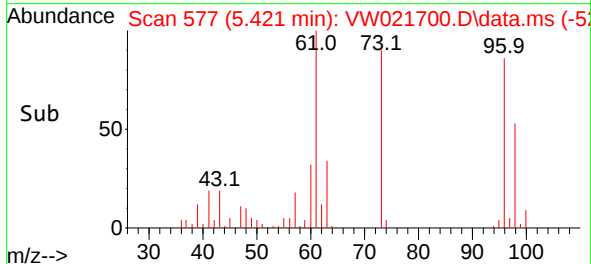
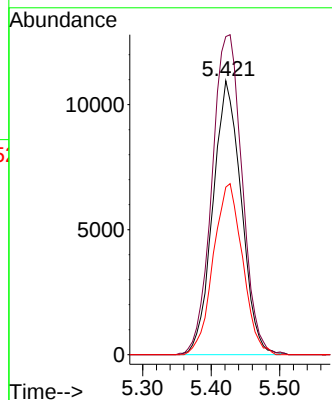
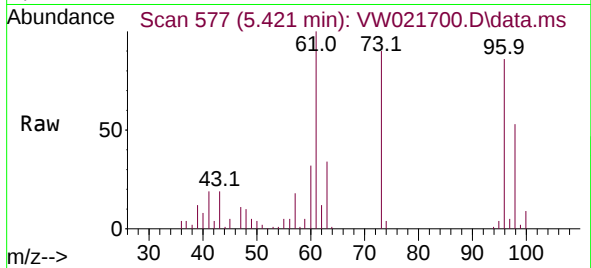




#17
trans-1,2-Dichloroethene
Concen: 24.827 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

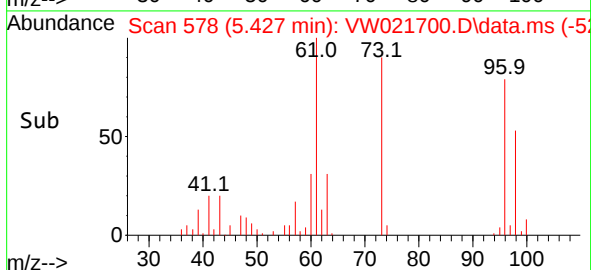
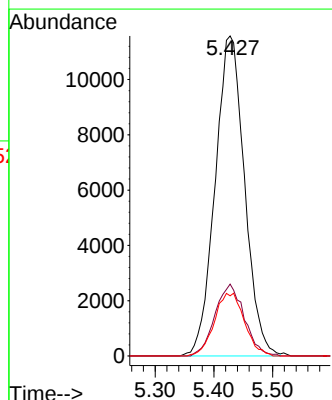
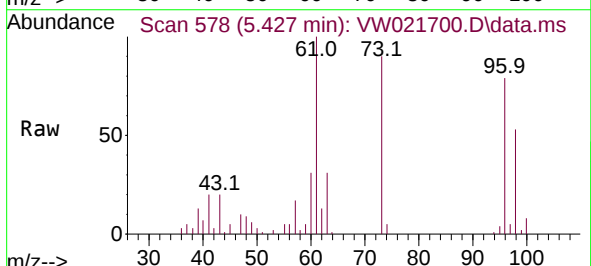
Instrument :
MSVOA_W
ClientSampleId :

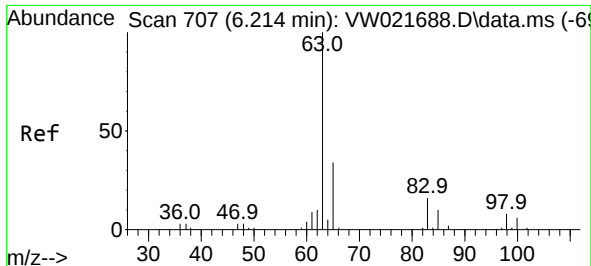
Tgt Ion: 96 Resp: 31488
Ion Ratio Lower Upper
96 100
61 116.1 107.4 199.4
98 61.2 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.821 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion: 73 Resp: 40301
Ion Ratio Lower Upper
73 100
43 22.3 19.5 29.3
57 20.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.048 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021700.D

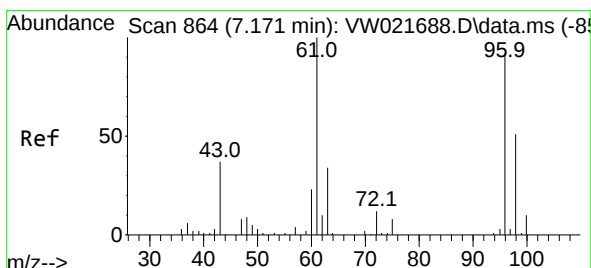
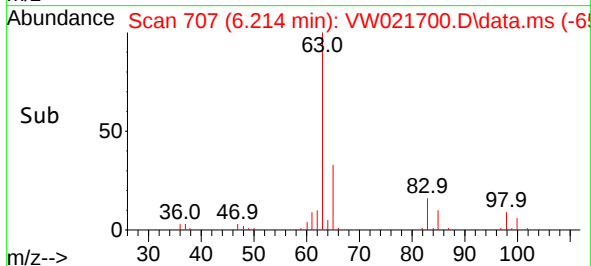
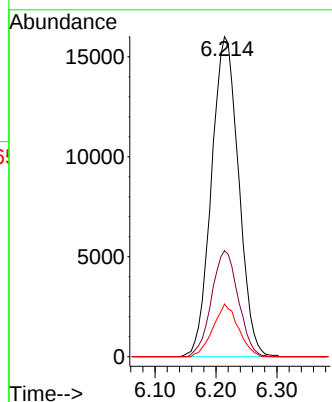
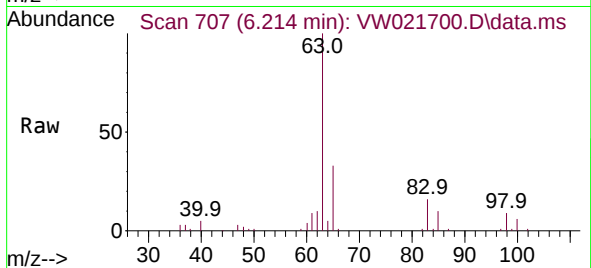
Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 49561
Ion Ratio	Lower Upper
63	100
65	33.1 22.1 41.1
83	16.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.605 ug/L

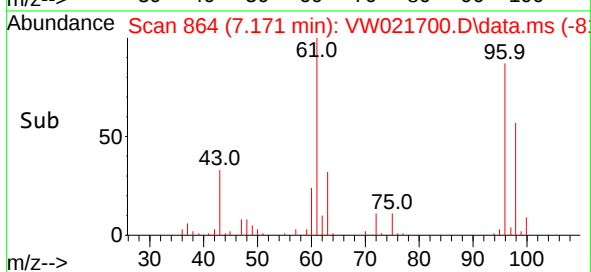
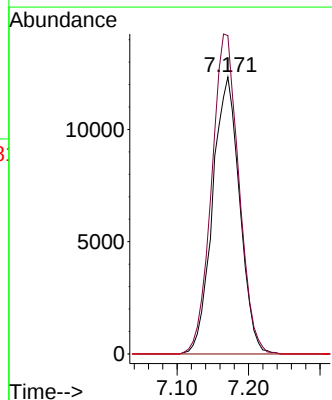
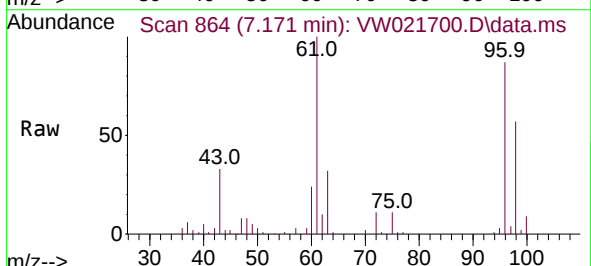
RT: 7.171 min Scan# 864

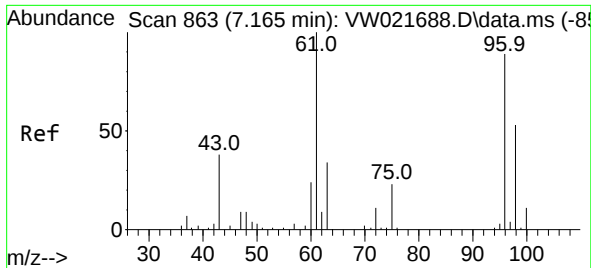
Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Tgt Ion: 96	Resp: 32393
Ion Ratio	Lower Upper
96	100
61	114.9 103.7 192.7
68	0.0 0.0 0.0

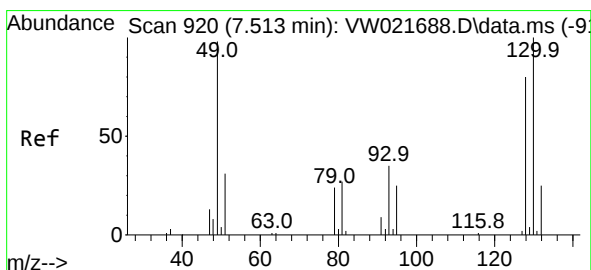
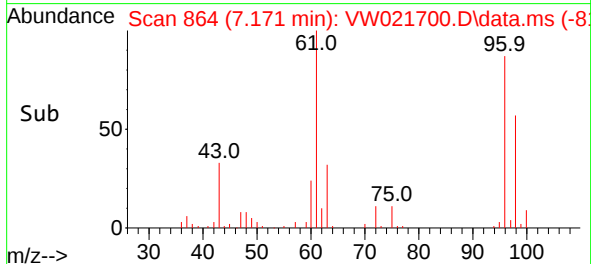
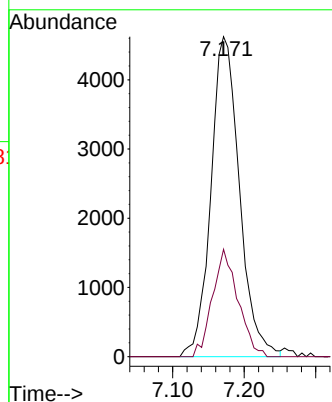
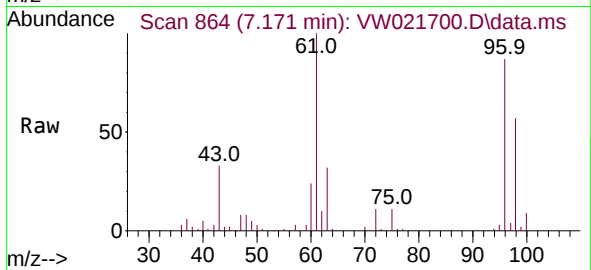




#22
2-Butanone
Concen: 47.503 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

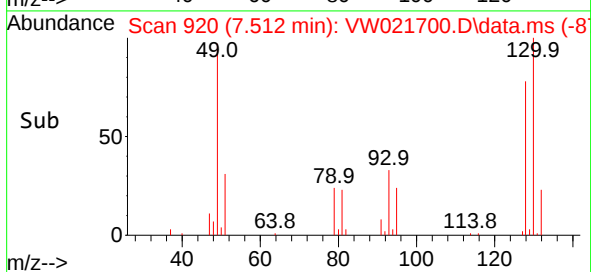
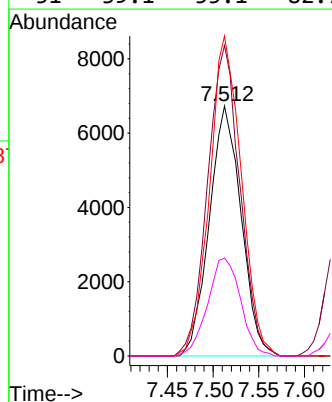
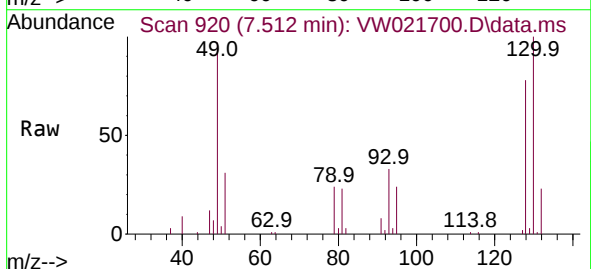
Instrument :
MSVOA_W
ClientSampleId :

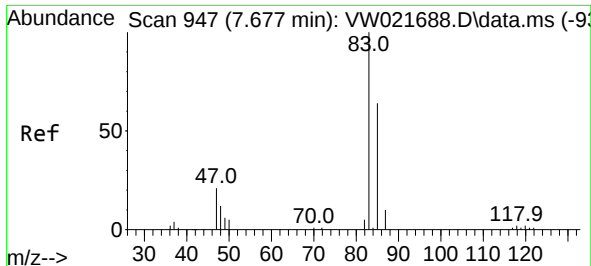
Tgt Ion: 43 Resp: 12827
Ion Ratio Lower Upper
43 100
72 29.7 11.8 35.4



#23
Bromochloromethane
Concen: 25.598 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion: 128 Resp: 16290
Ion Ratio Lower Upper
128 100
49 124.3 150.3 279.1#
130 128.0 88.3 163.9
51 39.1 55.1 82.7#

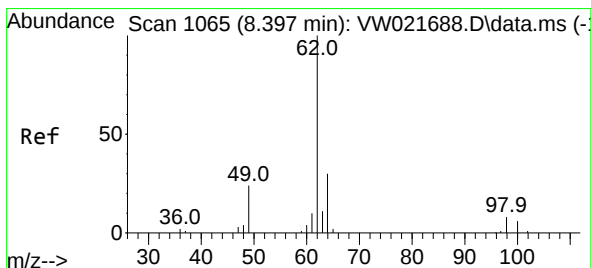
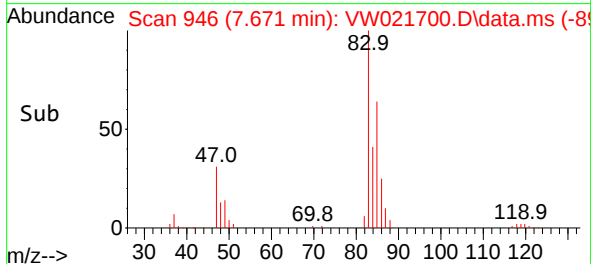
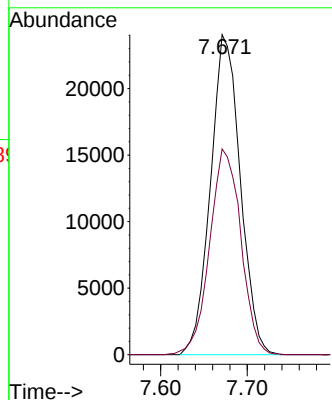
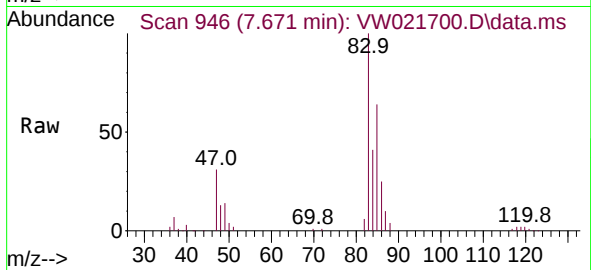




#25
Chloroform
Concen: 25.214 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

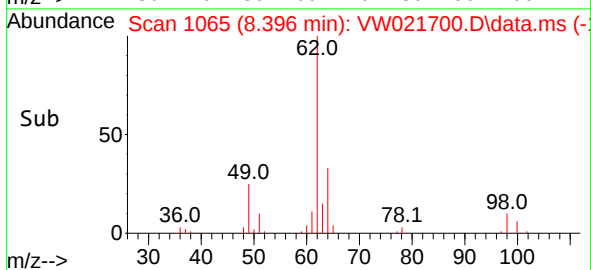
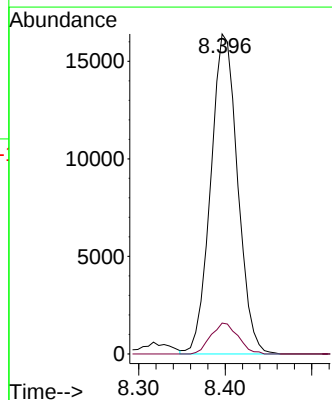
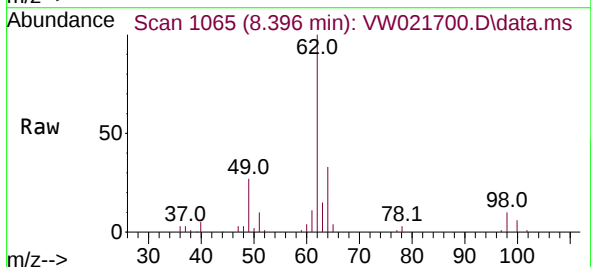
Instrument :
MSVOA_W
ClientSampleId :

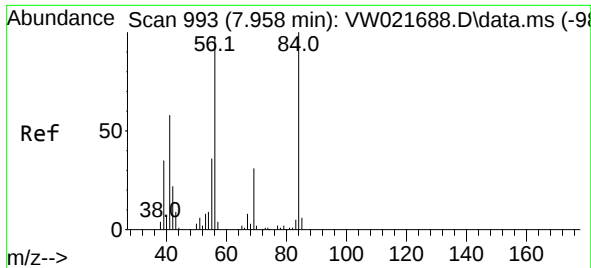
Tgt Ion: 83 Resp: 57550
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.984 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

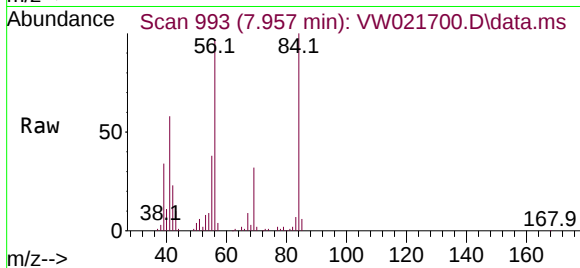
Tgt Ion: 62 Resp: 35507
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7



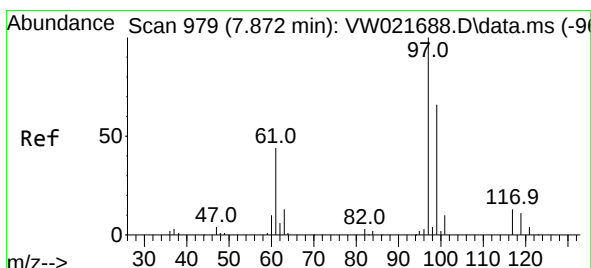
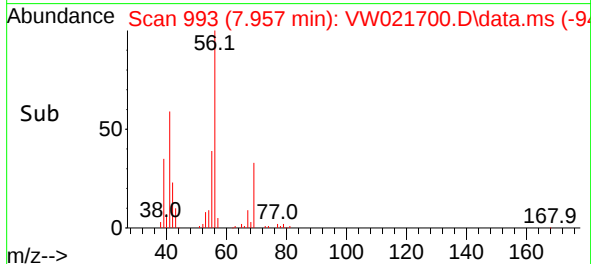
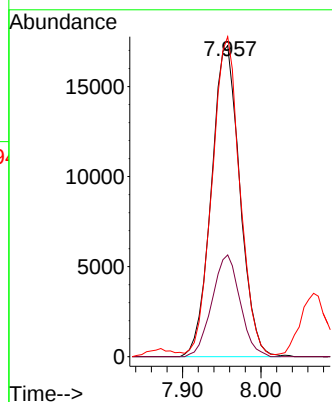


#29
Cyclohexane
Concen: 23.572 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Instrument :
MSVOA_W
ClientSampleId :

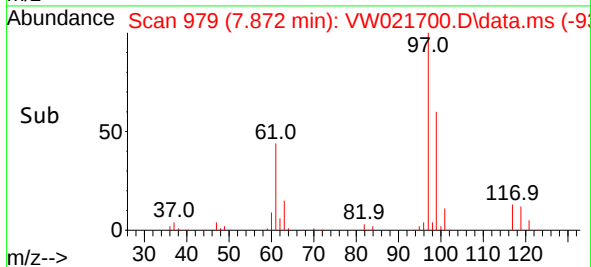
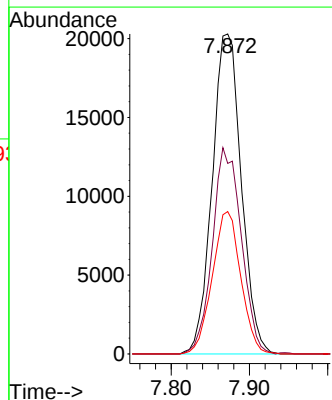
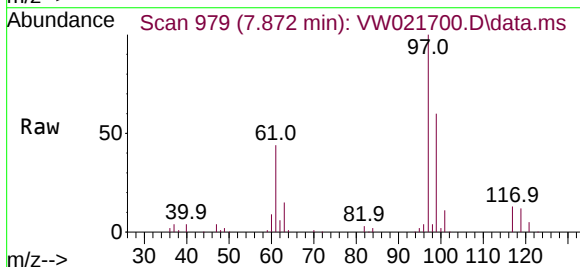


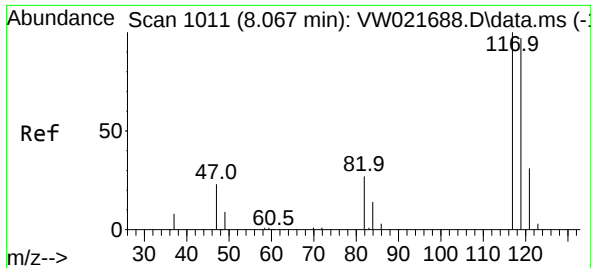
Tgt Ion:	56	Resp:	43799
Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.5	35.3
84	100.2	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 24.769 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion:	97	Resp:	52510
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	43.5	40.9	61.3

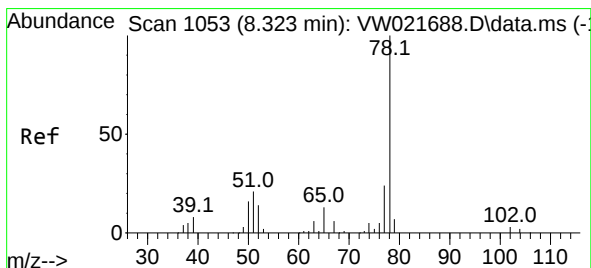
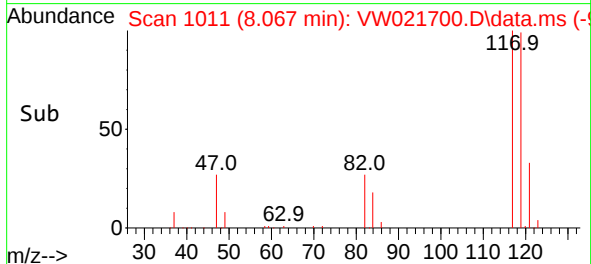
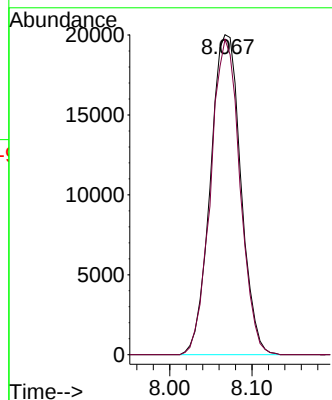
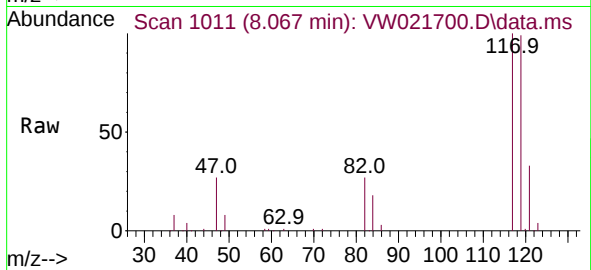




#31
Carbon tetrachloride
Concen: 24.949 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

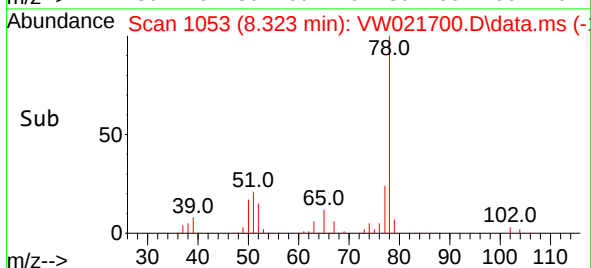
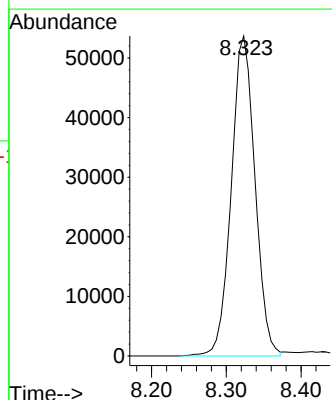
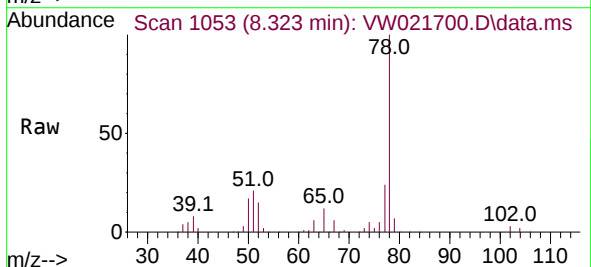
Instrument :
MSVOA_W
ClientSampleId :

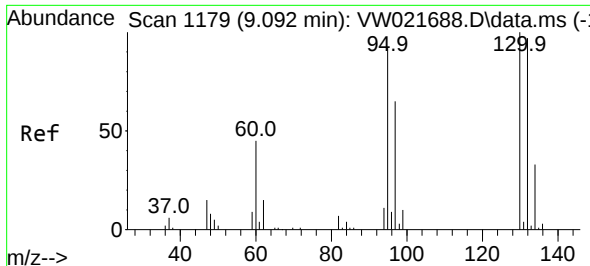
Tgt Ion:117 Resp: 51433
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5



#33
Benzene
Concen: 24.168 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion: 78 Resp: 118486

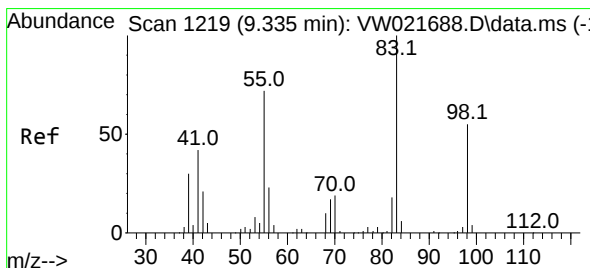
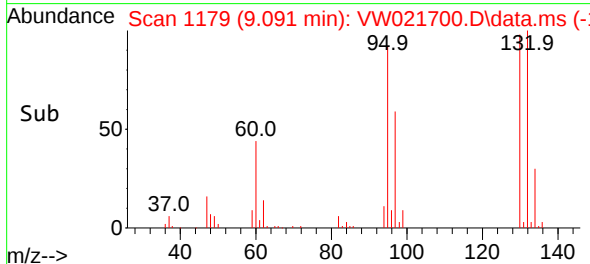
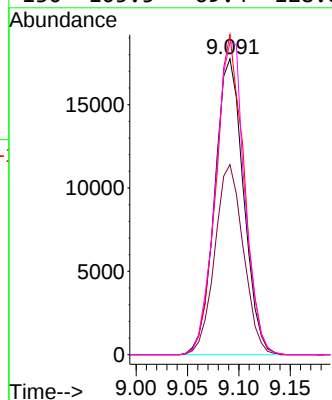
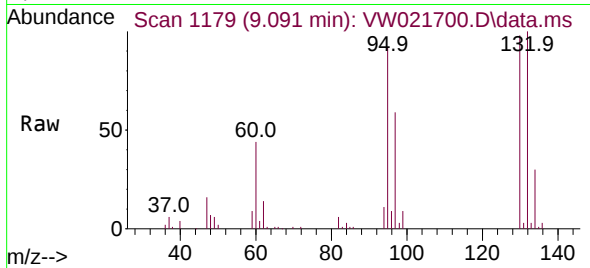




#34
Trichloroethene
Concen: 24.827 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

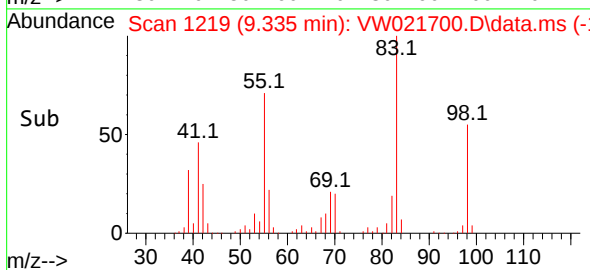
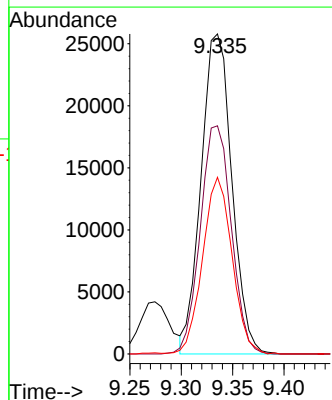
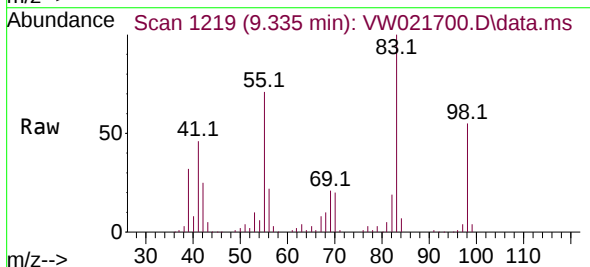
Instrument :
MSVOA_W
ClientSampleId :

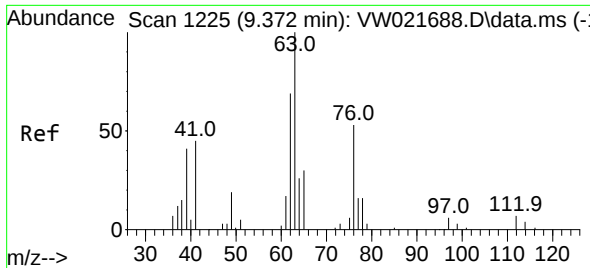
Tgt Ion: 95 Resp: 34552
Ion Ratio Lower Upper
95 100
97 64.2 47.0 87.2
132 108.2 65.5 121.6
130 105.5 69.4 128.8



#35
Methylcyclohexane
Concen: 23.380 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion: 83 Resp: 53686
Ion Ratio Lower Upper
83 100
55 72.0 70.8 106.2
98 53.0 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.630 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

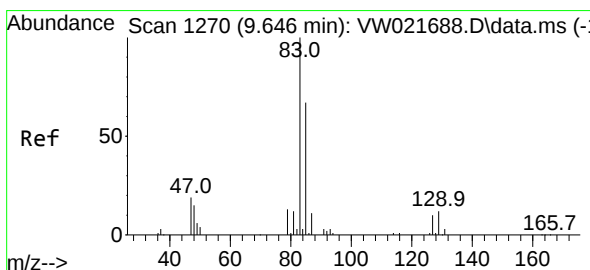
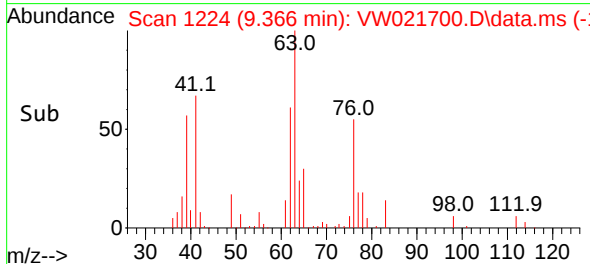
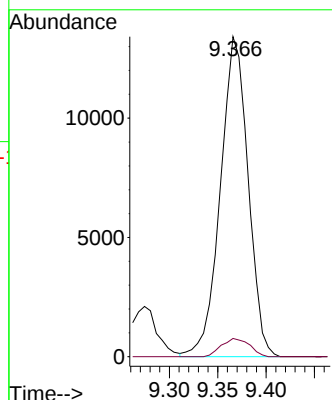
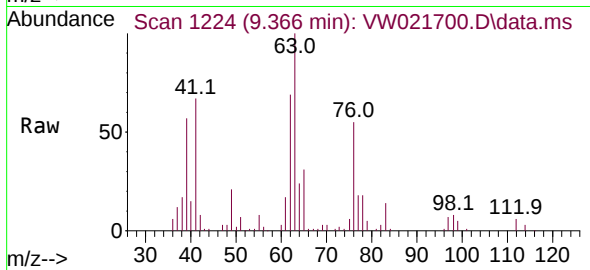
ClientSampleId :

Tgt Ion: 63 Resp: 26760

Ion Ratio Lower Upper

63 100

112 5.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.155 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

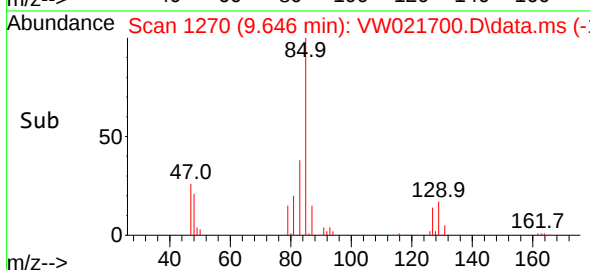
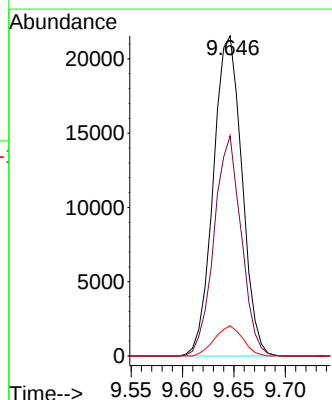
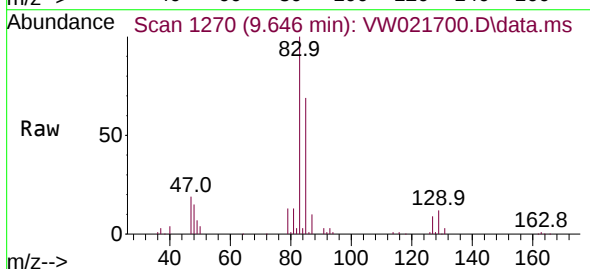
Tgt Ion: 83 Resp: 41715

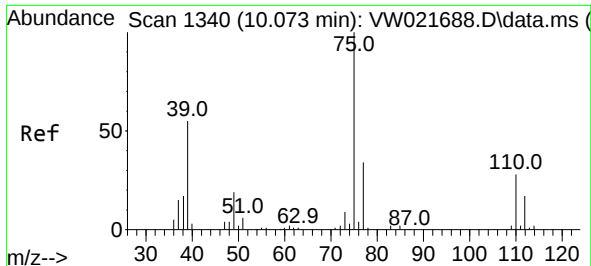
Ion Ratio Lower Upper

83 100

85 68.8 44.1 81.9

127 9.5 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.116 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

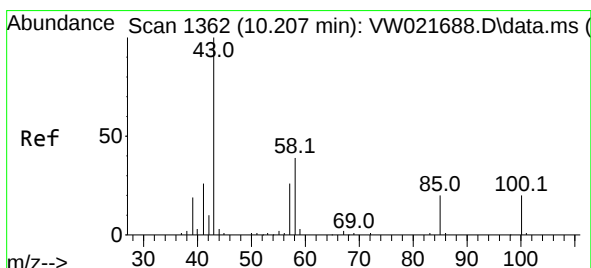
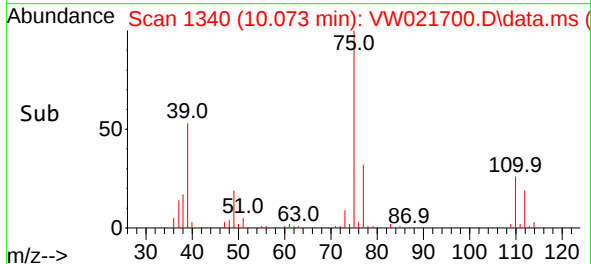
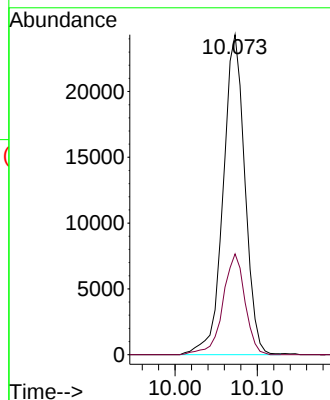
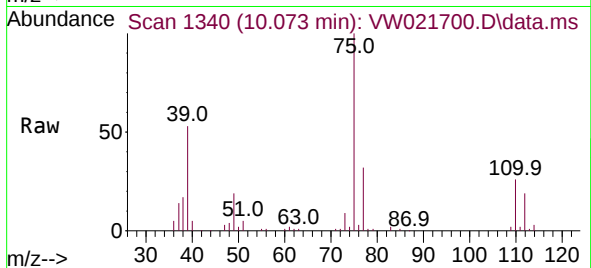
ClientSampleId :

Tgt Ion: 75 Resp: 44585

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.550 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

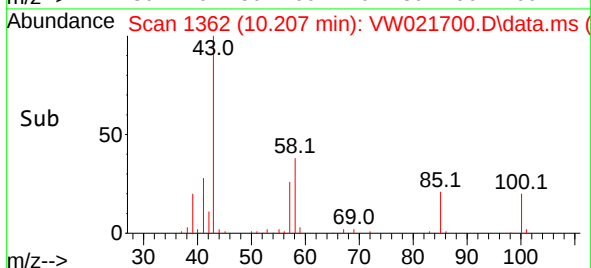
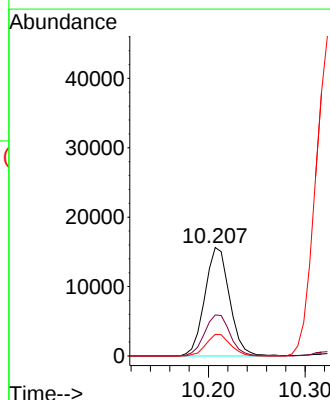
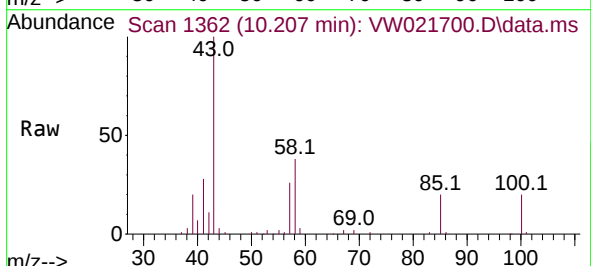
Tgt Ion: 43 Resp: 27861

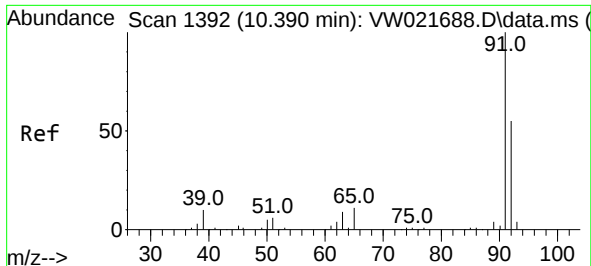
Ion Ratio Lower Upper

43 100

58 38.9 28.8 43.2

100 19.4 10.0 15.0#

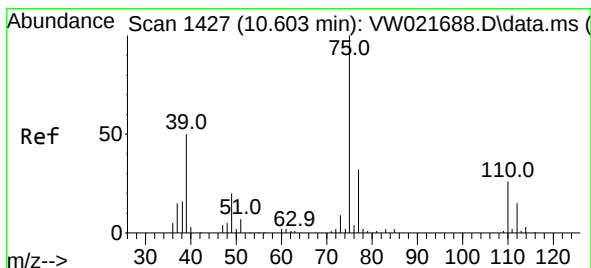
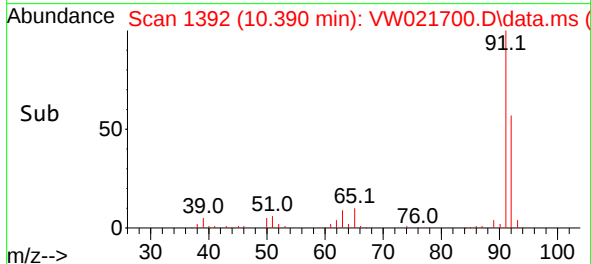
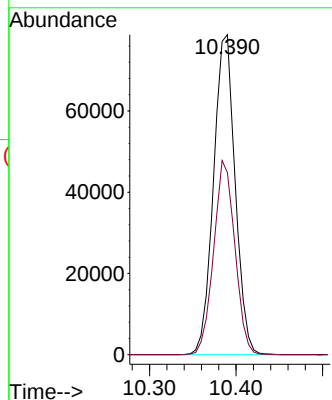
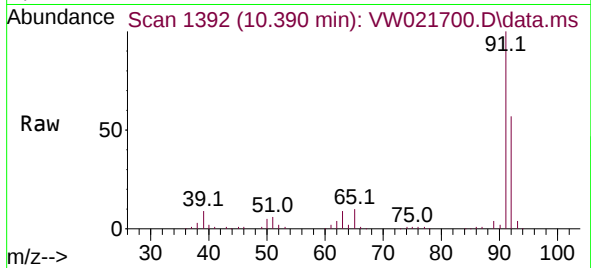




#42
Toluene
Concen: 24.139 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

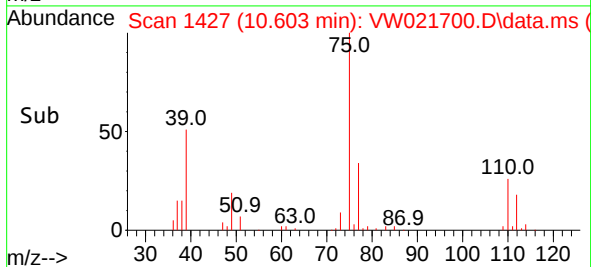
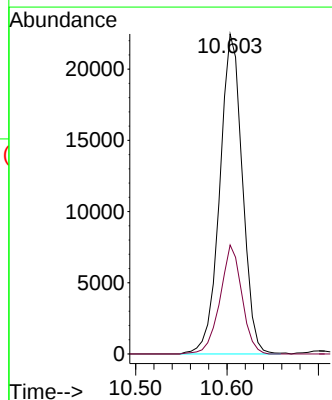
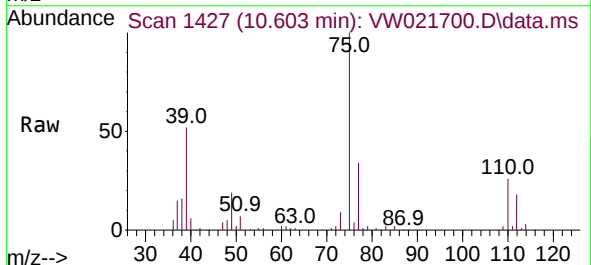
Instrument :
MSVOA_W
ClientSampleId :

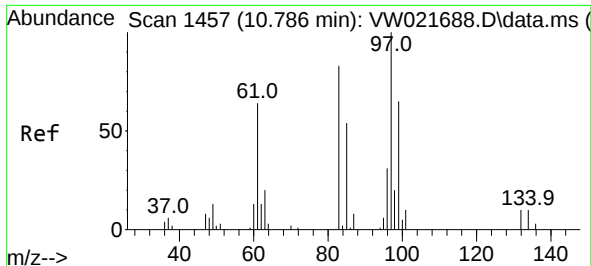
Tgt Ion: 91 Resp: 136607
Ion Ratio Lower Upper
91 100
92 56.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.242 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion: 75 Resp: 38665
Ion Ratio Lower Upper
75 100
77 34.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.027 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 21683

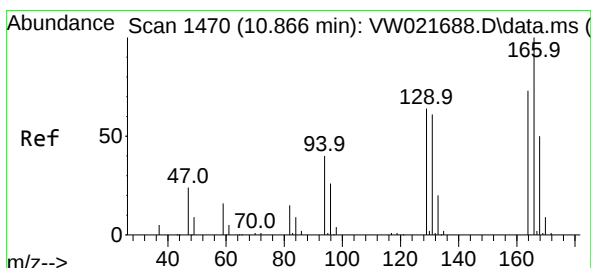
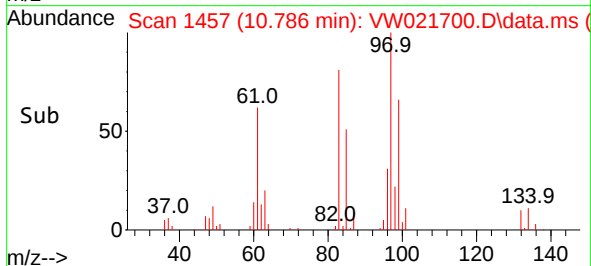
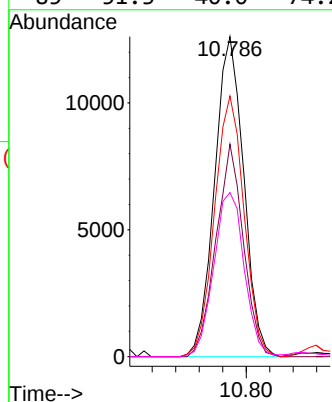
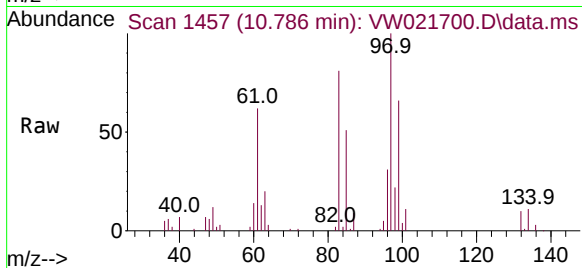
Ion Ratio Lower Upper

97 100

99 66.4 43.0 79.8

83 81.5 62.6 116.3

85 51.3 40.0 74.2



#46

Tetrachloroethene

Concen: 25.095 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Tgt Ion:164 Resp: 32706

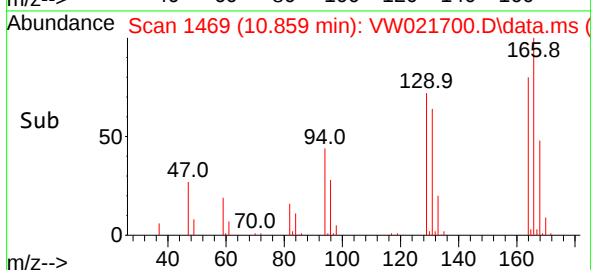
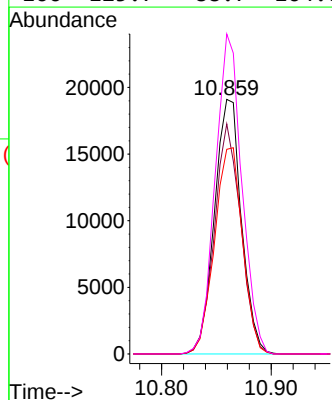
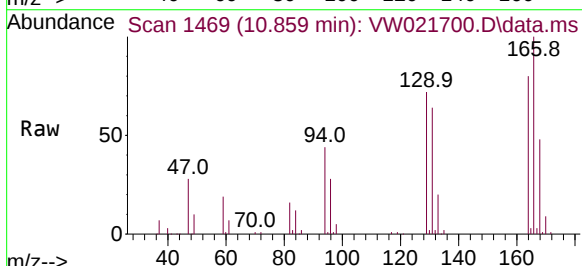
Ion Ratio Lower Upper

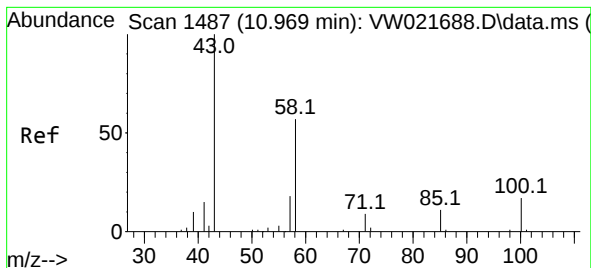
164 100

129 90.4 65.5 121.7

131 80.4 59.7 110.9

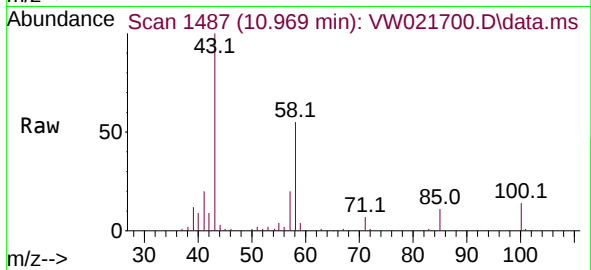
166 125.7 88.7 164.7



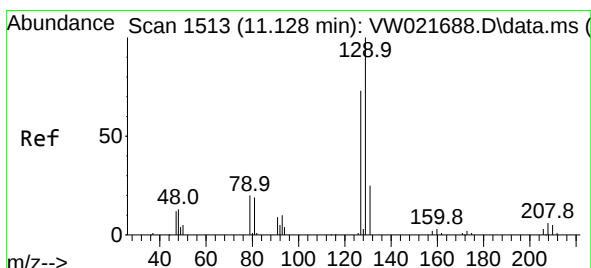
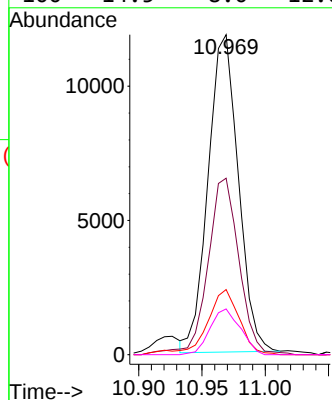
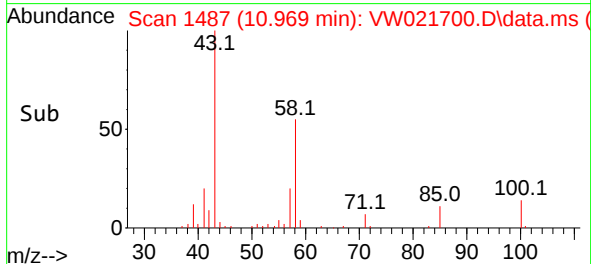


#48
2-Hexanone
Concen: 48.356 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

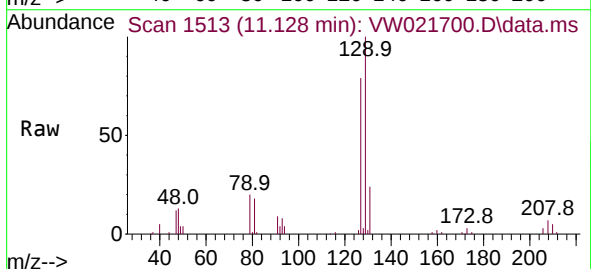
Instrument :
MSVOA_W
ClientSampleId :



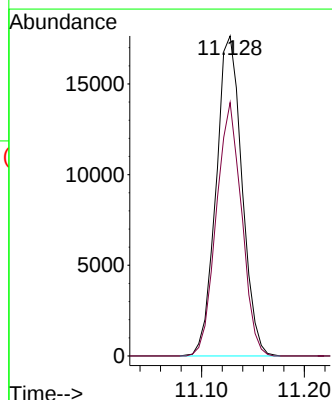
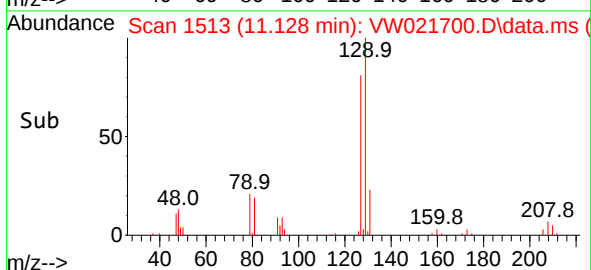
Tgt Ion: 43 Resp: 19655
Ion Ratio Lower Upper
43 100
58 56.1 40.2 60.2
57 21.2 14.3 21.5
100 14.5 8.0 12.0#

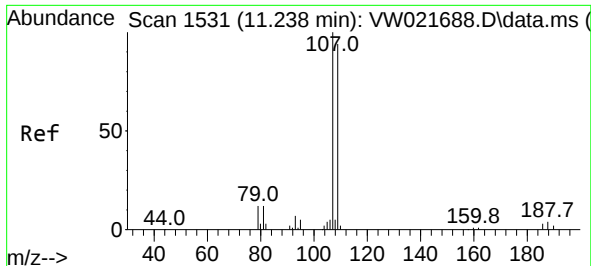


#49
Dibromochloromethane
Concen: 25.446 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40



Tgt Ion: 129 Resp: 30854
Ion Ratio Lower Upper
129 100
127 79.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.529 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021700.D

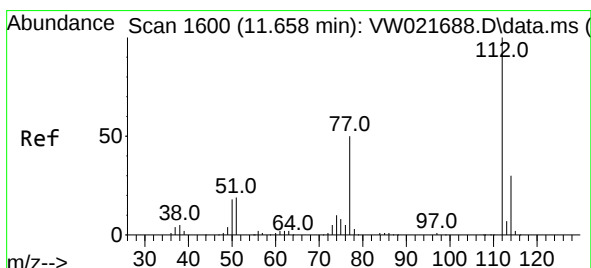
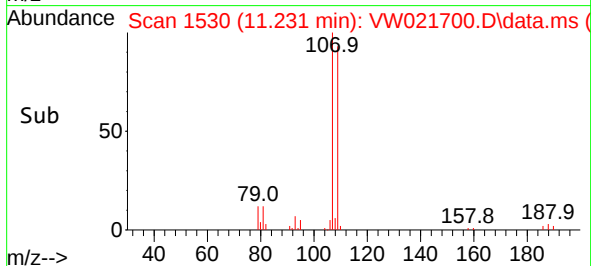
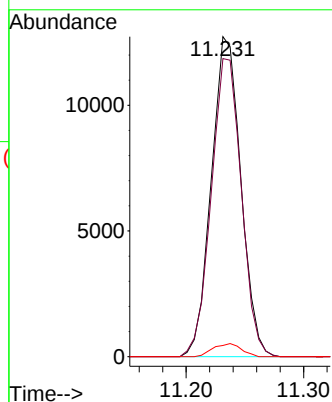
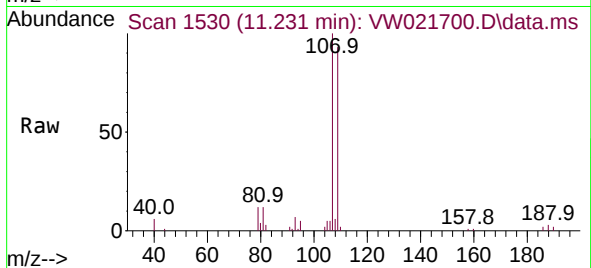
Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	22232
Ion Ratio	Lower	Upper
107	100	
109	93.2	64.1 119.1
188	3.5	2.6 3.8



#51

Chlorobenzene

Concen: 25.041 ug/L

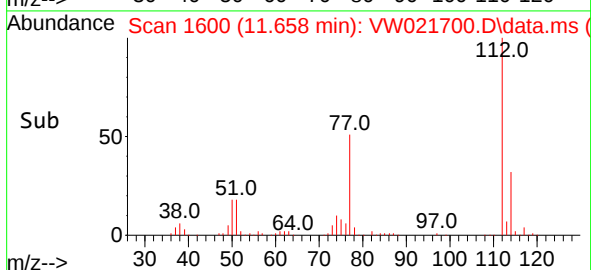
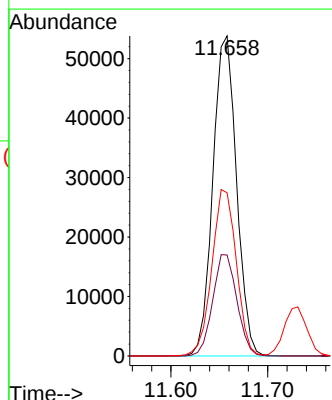
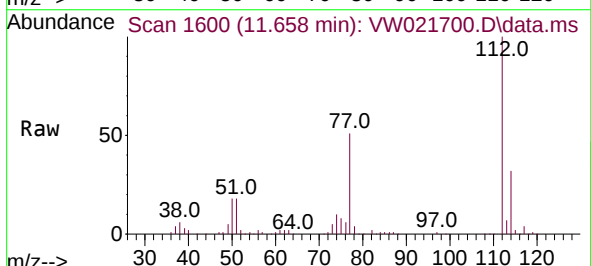
RT: 11.658 min Scan# 1600

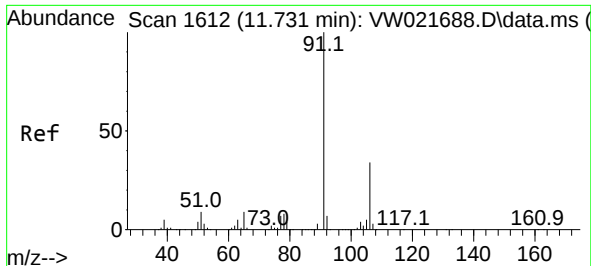
Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Tgt Ion:112	Resp:	91437
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.4 41.6
77	51.0	50.2 75.4

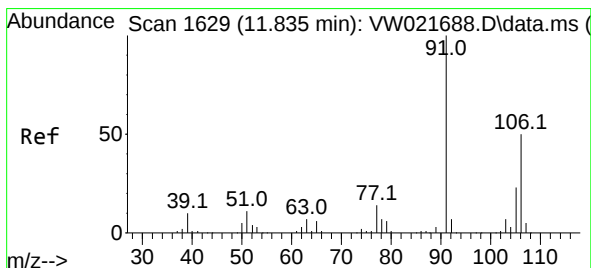
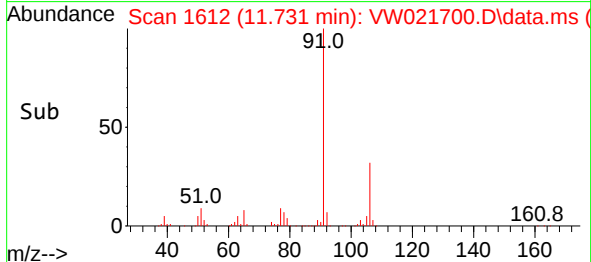
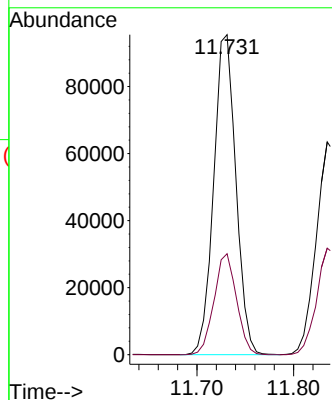
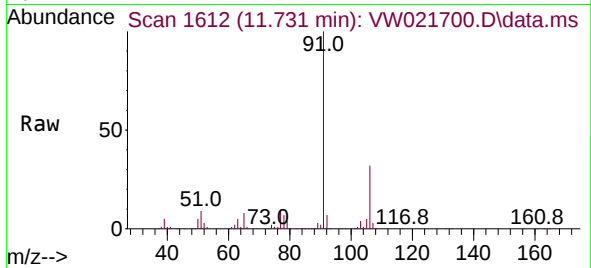




#52
Ethylbenzene
Concen: 23.938 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

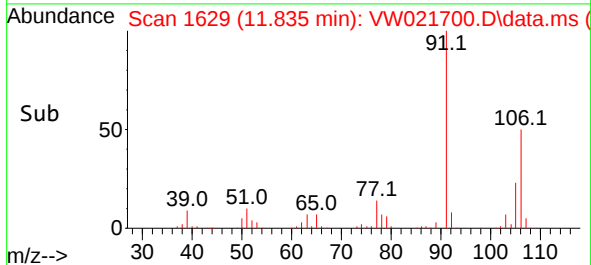
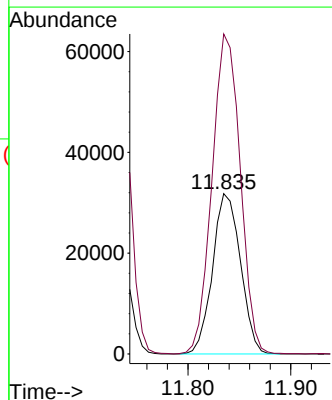
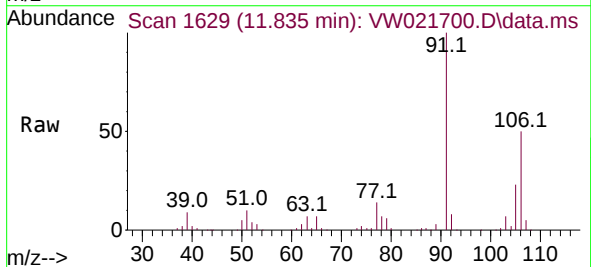
Instrument :
MSVOA_W
ClientSampleId :

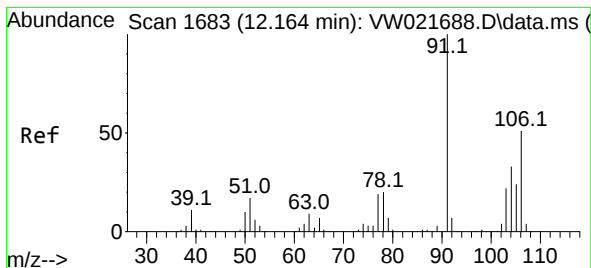
Tgt Ion: 91 Resp: 152070
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 23.579 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion:106 Resp: 60020
Ion Ratio Lower Upper
106 100
91 199.6 149.9 278.3





#54

o-Xylene

Concen: 24.309 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

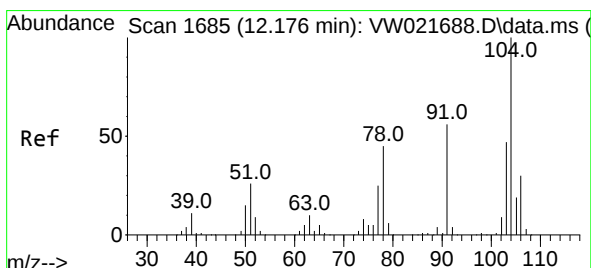
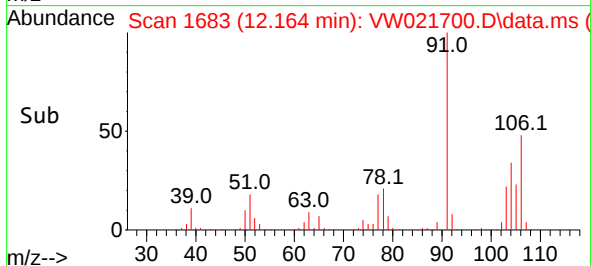
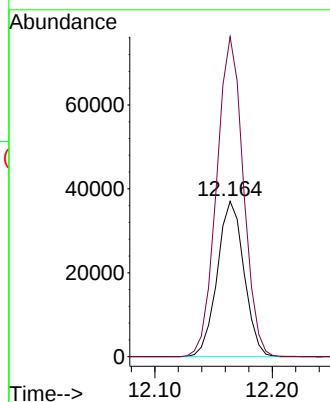
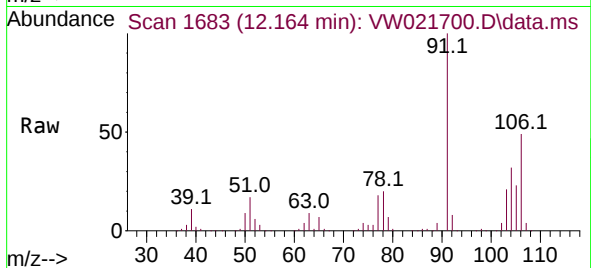
ClientSampleId :

Tgt Ion:106 Resp: 58646

Ion Ratio Lower Upper

106 100

91 205.9 153.6 285.3



#55

Styrene

Concen: 24.609 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW021700.D

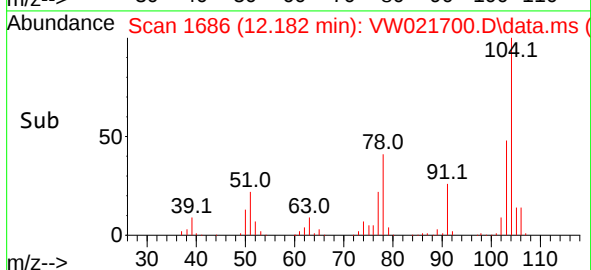
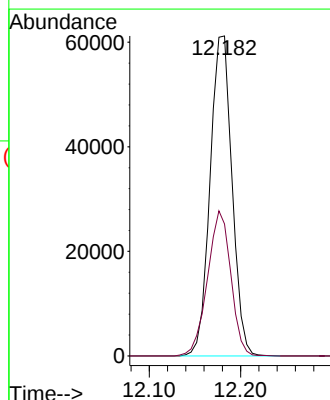
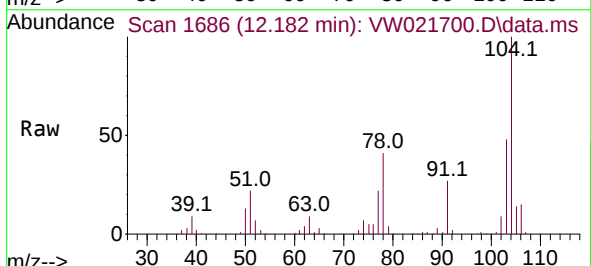
Acq: 30 Dec 2021 08:40

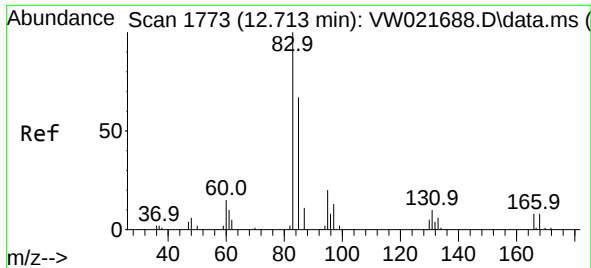
Tgt Ion:104 Resp: 101961

Ion Ratio Lower Upper

104 100

78 41.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.149 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021700.D

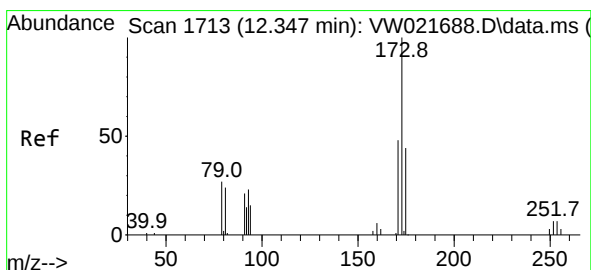
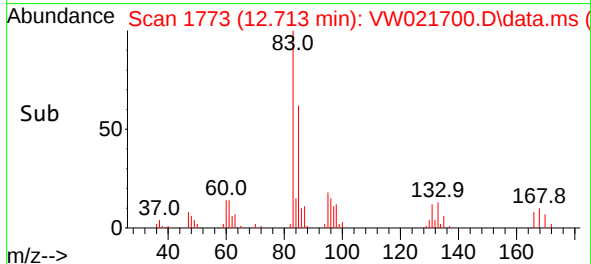
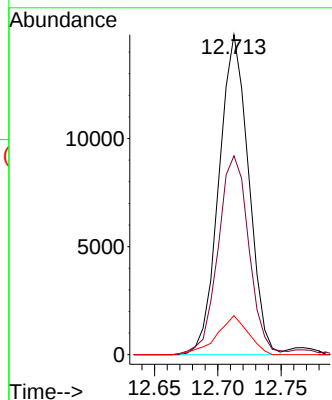
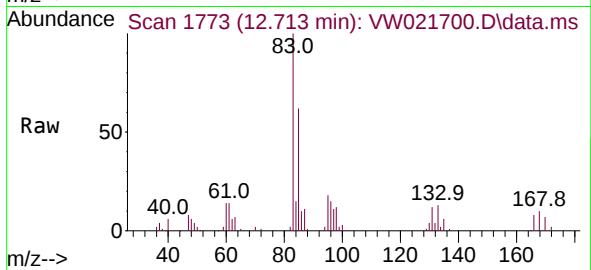
Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	24107
Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.0	81.6
131	12.2	6.9	10.3



#59

Bromoform

Concen: 24.702 ug/L

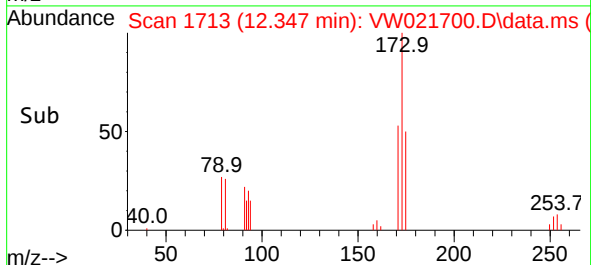
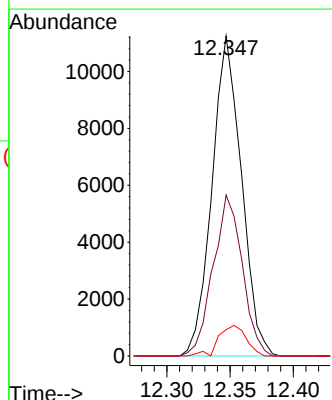
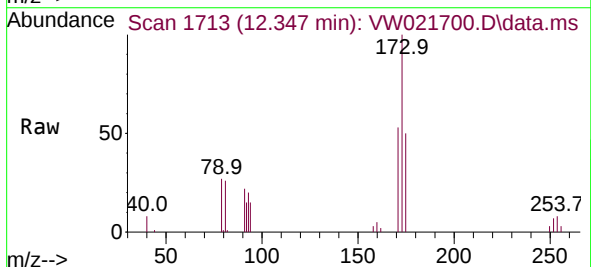
RT: 12.347 min Scan# 1713

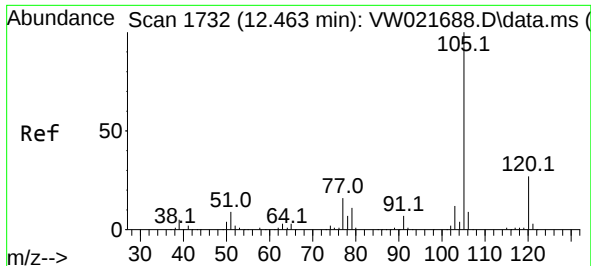
Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Tgt Ion:	173	Resp:	18187
Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.6	59.4
254	8.4	7.4	11.0

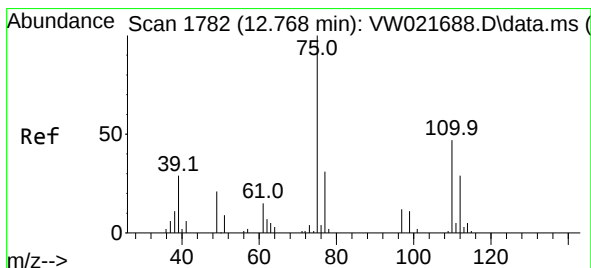
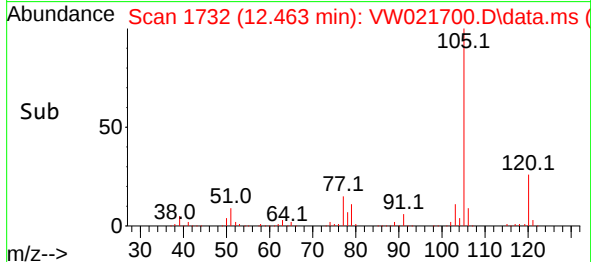
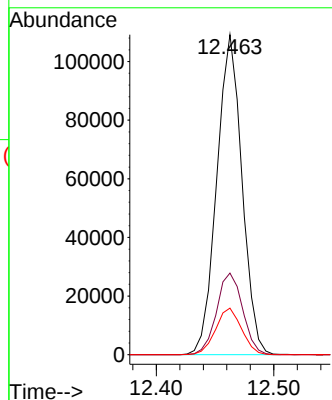
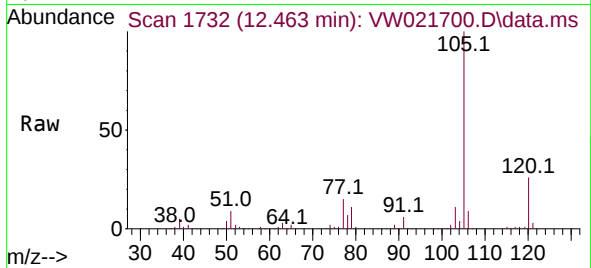




#60
Isopropylbenzene
Concen: 23.159 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

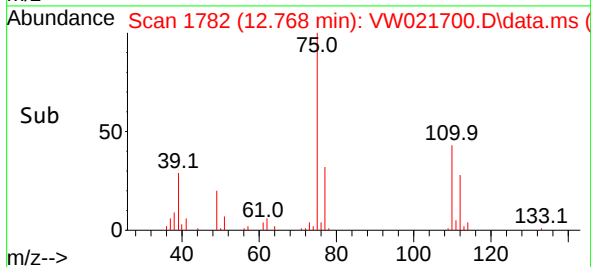
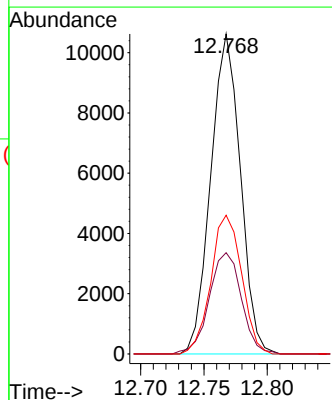
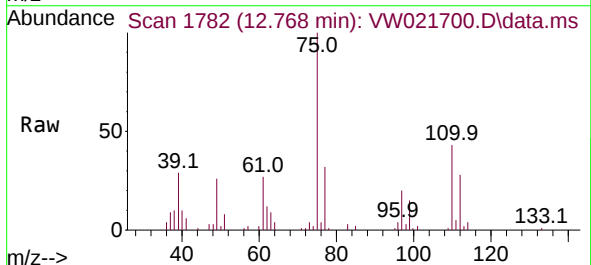
Instrument :
MSVOA_W
ClientSampleId :

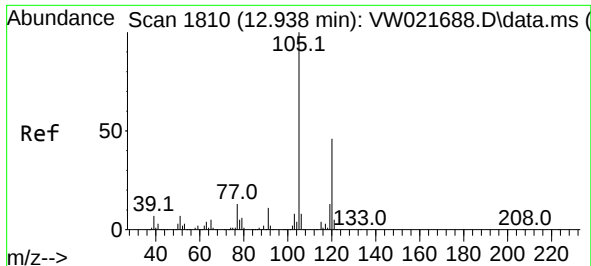
Tgt Ion:105 Resp: 162861
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1
77 15.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.392 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion: 75 Resp: 17286
Ion Ratio Lower Upper
75 100
77 34.4 25.8 38.8
110 45.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.870 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

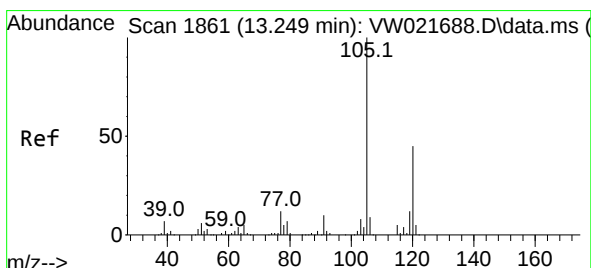
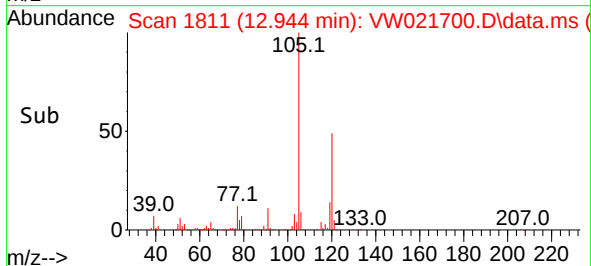
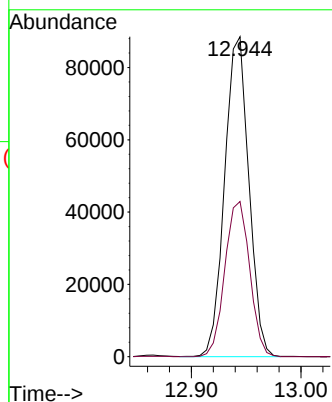
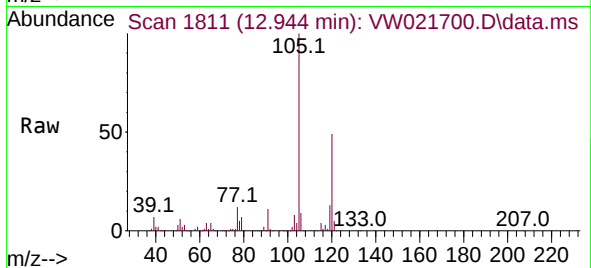
ClientSampleId :

Tgt Ion:105 Resp: 135970

Ion Ratio Lower Upper

105 100

120 49.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.314 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021700.D

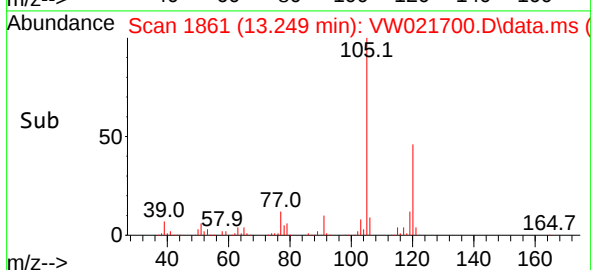
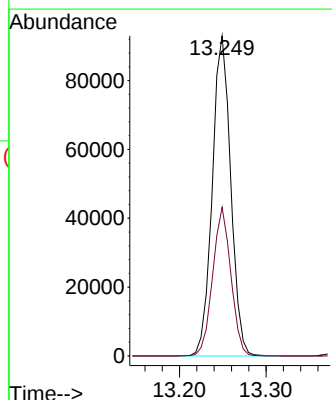
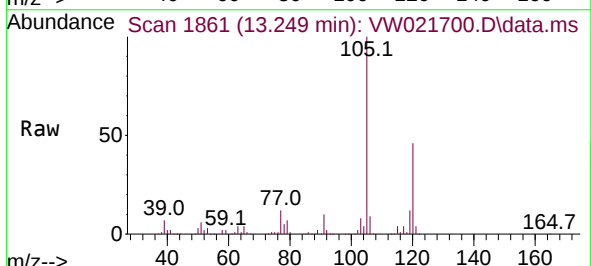
Acq: 30 Dec 2021 08:40

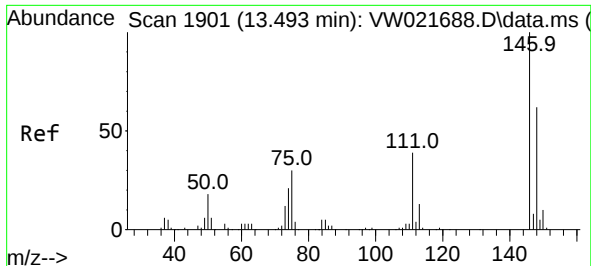
Tgt Ion:105 Resp: 137685

Ion Ratio Lower Upper

105 100

120 45.8 35.0 52.6

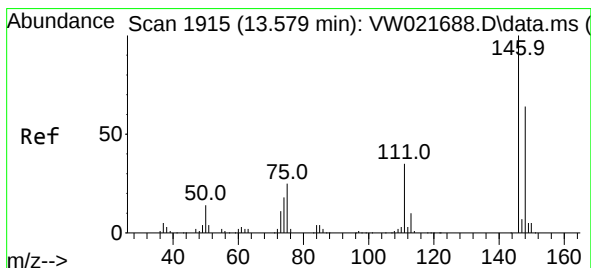
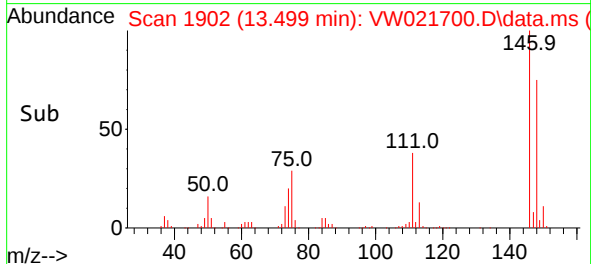
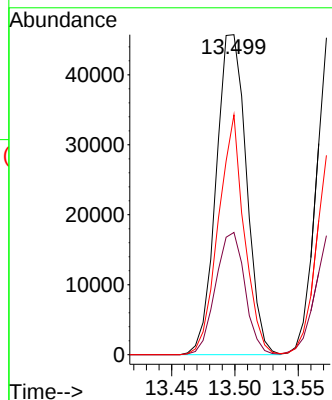
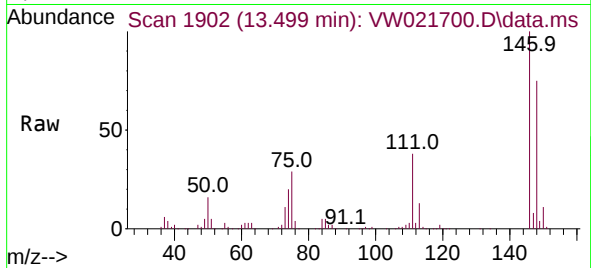




#64
1,3-Dichlorobenzene
Concen: 22.947 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

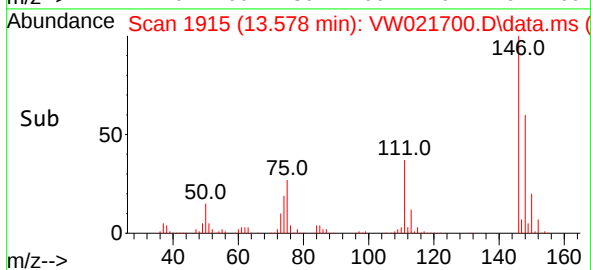
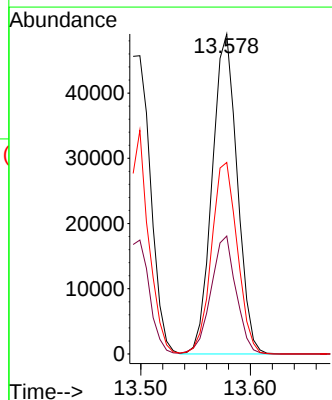
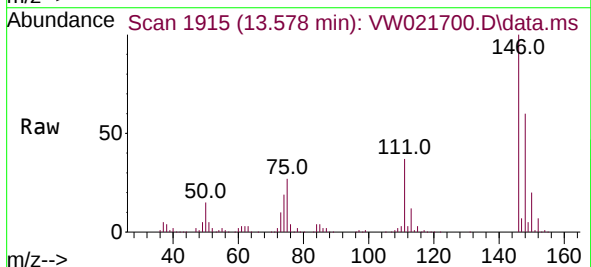
Instrument :
MSVOA_W
ClientSampleId :

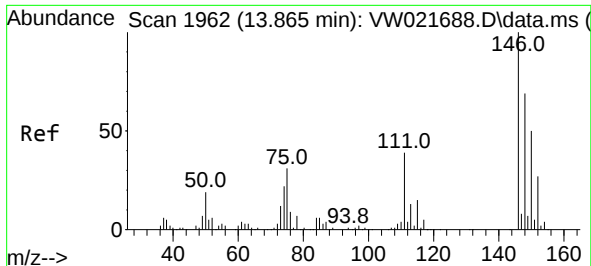
Tgt Ion:146 Resp: 76190
Ion Ratio Lower Upper
146 100
111 38.2 29.8 55.3
148 75.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.532 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion:146 Resp: 77910
Ion Ratio Lower Upper
146 100
111 36.9 29.0 53.9
148 59.9 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.107 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

Instrument :

MSVOA_W

ClientSampleId :

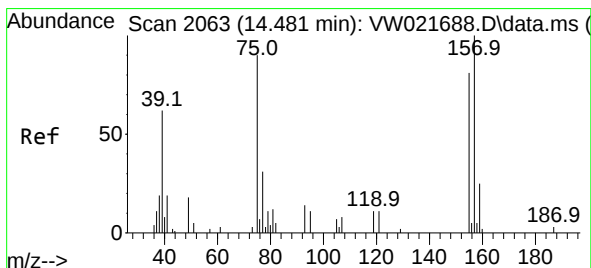
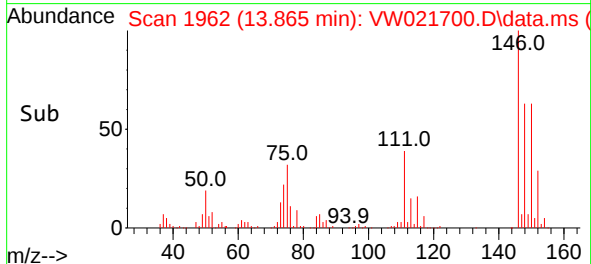
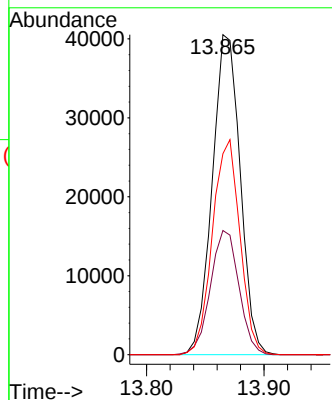
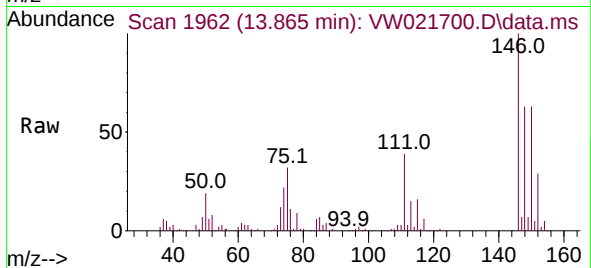
Tgt Ion:146 Resp: 66983

Ion Ratio Lower Upper

146 100

111 38.8 33.1 49.7

148 62.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.214 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021700.D

Acq: 30 Dec 2021 08:40

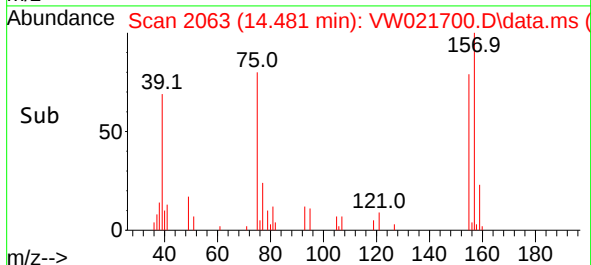
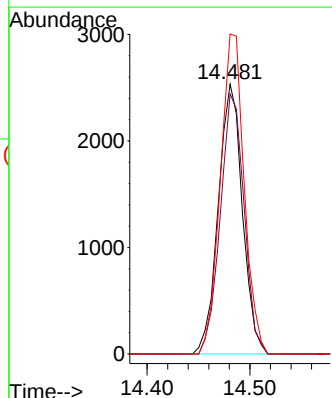
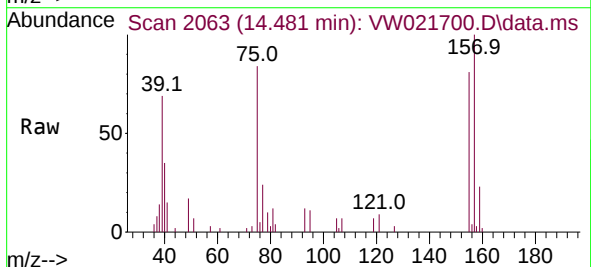
Tgt Ion: 75 Resp: 4116

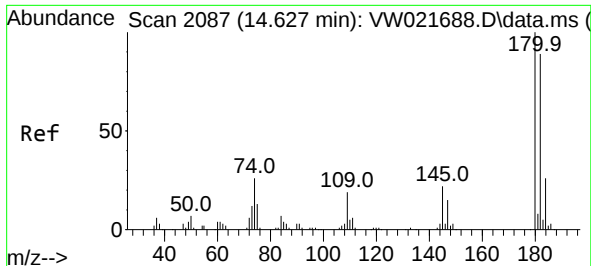
Ion Ratio Lower Upper

75 100

155 96.3 54.2 81.2#

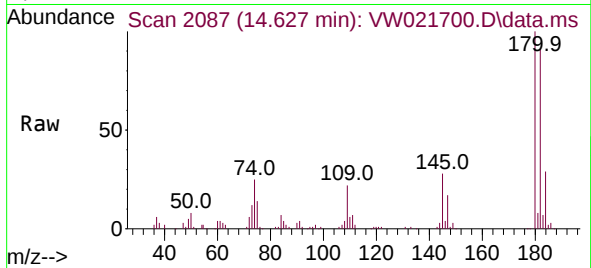
157 122.2 69.4 104.2#



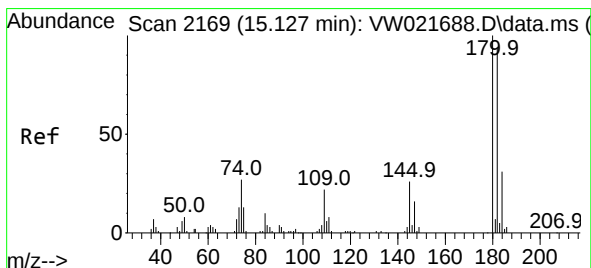
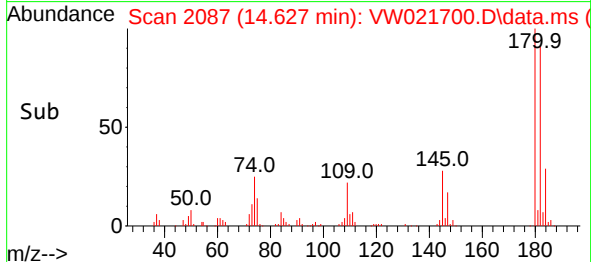
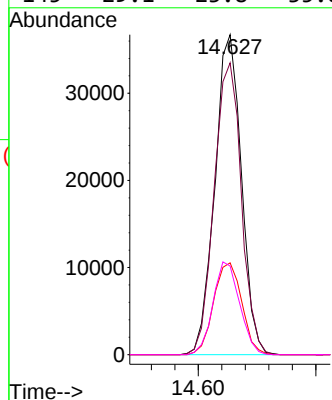


#69
 1,3,5-Trichlorobenzene
 Concen: 23.665 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

Instrument :
 MSVOA_W
 ClientSampleId :

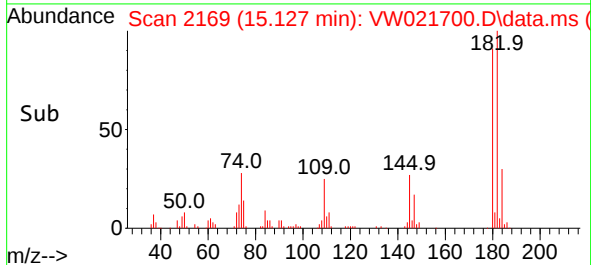
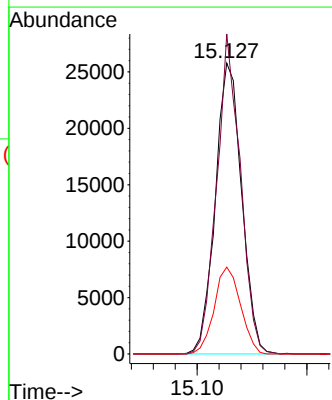
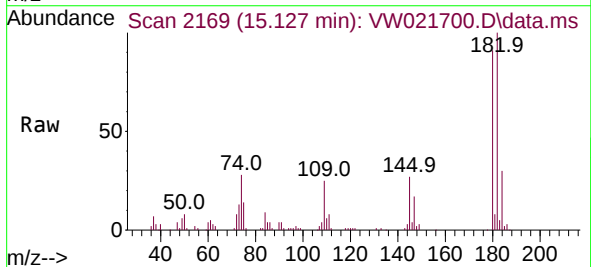


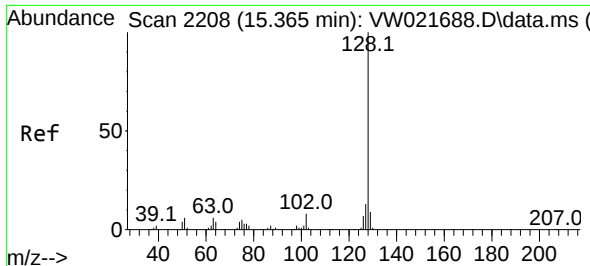
Tgt Ion:180	Resp:	57721
Ion Ratio	Lower	Upper
180	100	
182	93.3	75.4 113.0
184	30.4	23.8 35.8
145	29.1	23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 22.158 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW021700.D
 Acq: 30 Dec 2021 08:40

Tgt Ion:180	Resp:	43140
Ion Ratio	Lower	Upper
180	100	
182	98.9	79.0 118.6
145	29.7	26.0 39.0

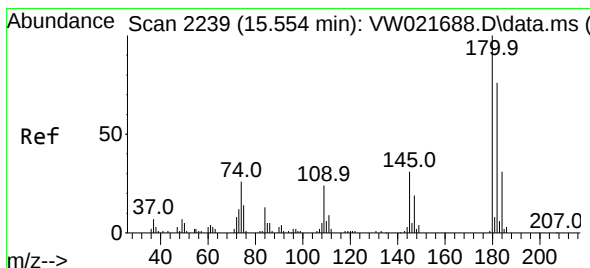
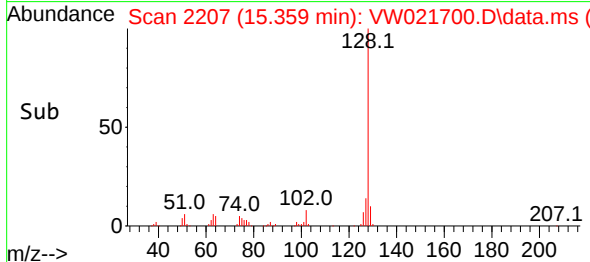
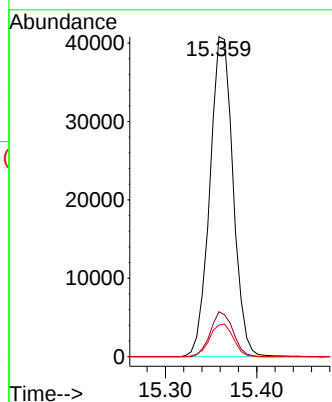
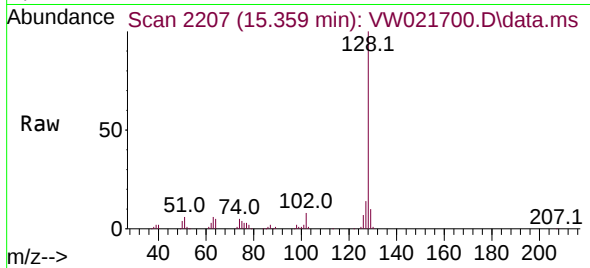




#71
Naphthalene
Concen: 22.715 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 71956
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.289 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW021700.D
Acq: 30 Dec 2021 08:40

Tgt Ion:180 Resp: 38169
Ion Ratio Lower Upper
180 100
182 97.6 76.6 114.8
145 30.9 27.4 41.0

