

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031022\
 Data File : VW022269.D
 Acq On : 10 Mar 2022 13:28
 Operator : SY/VA
 Sample : N1818-09MS
 Misc : 6.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 03:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	178564	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	168716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	92036	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	79136	33.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 135.920%	
7) Chloroethane-d5	2.879	69	56139	30.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.560%	
11) 1,1-Dichloroethene-d2	4.019	63	91232	25.579	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.320%	
21) 2-Butanone-d5	7.073	46	21752	55.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.100%	
24) Chloroform-d	7.653	84	112932	28.346	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.400%	
26) 1,2-Dichloroethane-d4	8.305	65	56937	27.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.960%	
32) Benzene-d6	8.274	84	224153	28.547	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 114.200%	
36) 1,2-Dichloropropane-d6	9.274	67	60253	27.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.520%	
41) Toluene-d8	10.323	98	218984	28.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 112.200%	
43) trans-1,3-Dichloroprop...	10.579	79	27008	27.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.720%	
47) 2-Hexanone-d5	10.920	63	18166	50.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.300%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	52492	27.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 109.720%	
66) 1,2-Dichlorobenzene-d4	13.847	152	84144	28.464	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	8999	18.033	ug/L	91
3) Chloromethane	2.215	50	34045	19.909	ug/L	94
5) Vinyl chloride	2.355	62	49217	19.155	ug/L	99
6) Bromomethane	2.775	94	28747	16.020	ug/L	96
8) Chloroethane	2.916	64	27081	18.762	ug/L	99
9) Trichlorofluoromethane	3.257	101	30756	17.631	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	40490	19.025	ug/L	96
13) Acetone	4.129	43	16771	52.437	ug/L	97
14) Carbon disulfide	4.385	76	65835	13.767	ug/L	100
15) Methyl Acetate	4.671	43	13221	18.362	ug/L #	71
16) Methylene chloride	4.915	84	38618	17.619	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	52043	25.688	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	58368	21.176	ug/L	100
19) 1,1-Dichloroethane	6.220	63	68358	20.841	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	59314	27.026	ug/L	99
22) 2-Butanone	7.165	43	23215	50.529	ug/L	99
23) Bromochloromethane	7.512	128	21368	19.931	ug/L	92
25) Chloroform	7.677	83	80910	21.142	ug/L	98
27) 1,2-Dichloroethane	8.396	62	48388	20.528	ug/L	98

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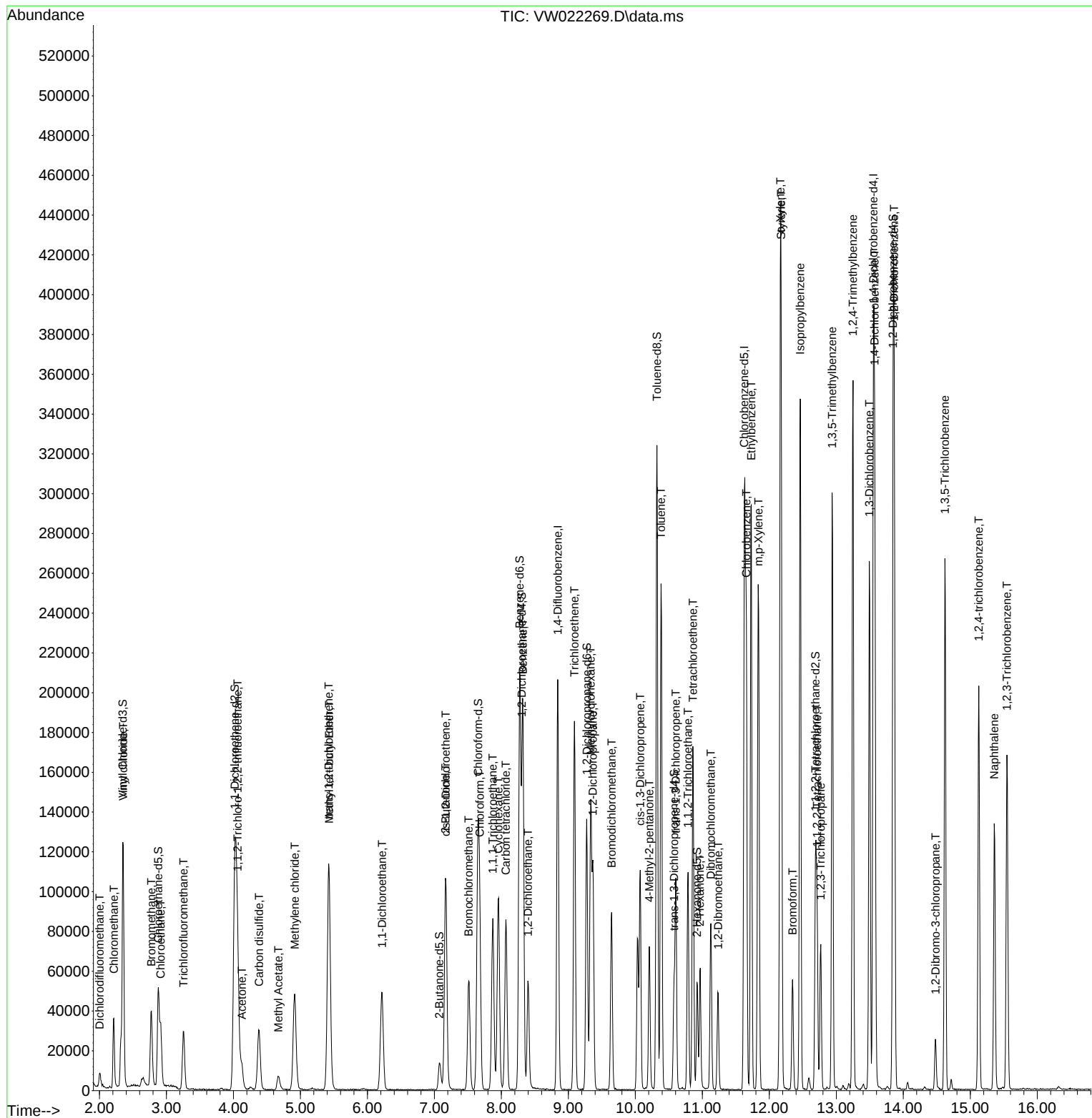
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.957	56	49028	17.462	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	68354	20.137	ug/L	99
31) Carbon tetrachloride	8.067	117	63313	19.626	ug/L	98
33) Benzene	8.323	78	160925	19.728	ug/L	100
34) Trichloroethene	9.091	95	61899	26.503	ug/L	94
35) Methylcyclohexane	9.335	83	62814	17.388	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38934	20.460	ug/L	99
38) Bromodichloromethane	9.646	83	57541	21.085	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	63841	22.070	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	42822	41.669	ug/L	99
42) Toluene	10.384	91	189007	20.473	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	56371	21.686	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33906	20.093	ug/L	93
46) Tetrachloroethene	10.859	164	38003	18.575	ug/L	88
48) 2-Hexanone	10.963	43	35720	50.080	ug/L	97
49) Dibromochloromethane	11.128	129	43627	21.284	ug/L	96
50) 1,2-Dibromoethane	11.237	107	32580	20.017	ug/L	95
51) Chlorobenzene	11.658	112	129672	20.182	ug/L	98
52) Ethylbenzene	11.731	91	212075	20.756	ug/L	98
53) m,p-Xylene	11.841	106	87427	20.795	ug/L	97
54) o-Xylene	12.164	106	82198	20.779	ug/L	95
55) Styrene	12.176	104	142462	21.482	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	41145	21.015	ug/L	97
59) Bromoform	12.347	173	23886	19.625	ug/L #	93
60) Isopropylbenzene	12.463	105	230422	20.856	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28872	19.876	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	157672	21.462	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	191876	21.371	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	113271	20.667	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	112520	20.487	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	106107	21.776	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5788	18.848	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.621	180	82469	20.964	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	62453	20.983	ug/L	99
71) Naphthalene	15.359	128	116334	22.141	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56876	22.092	ug/L	92

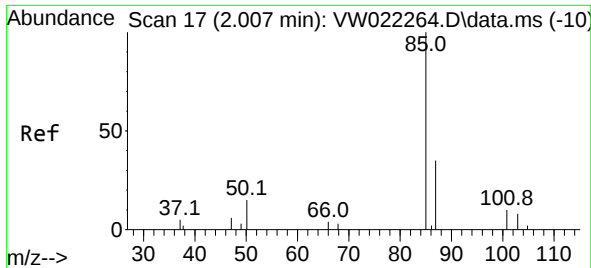
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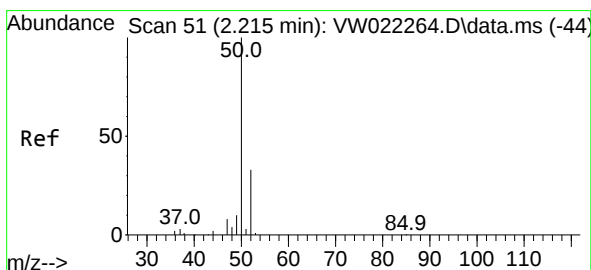
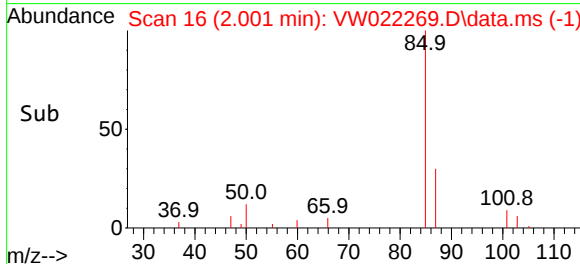
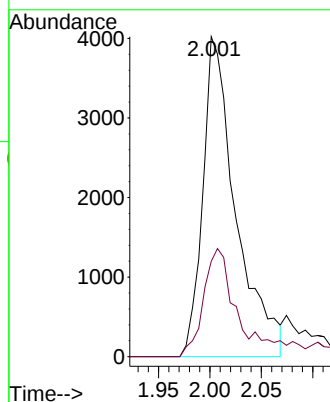
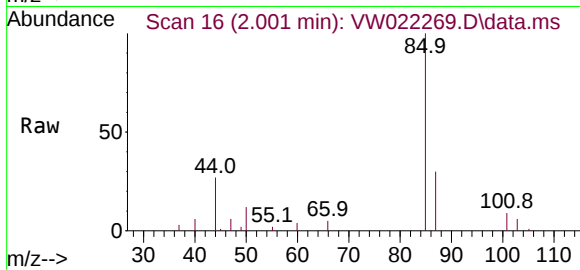




#2
 Dichlorodifluoromethane
 Concen: 18.033 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

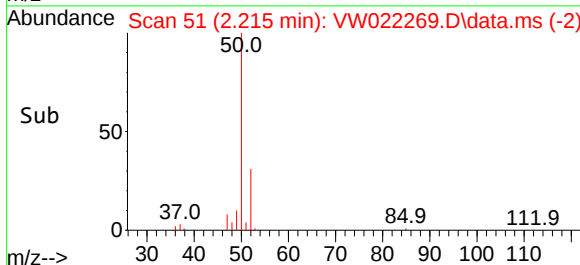
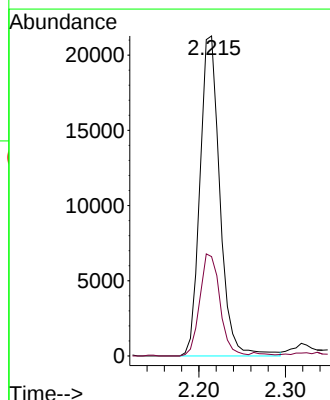
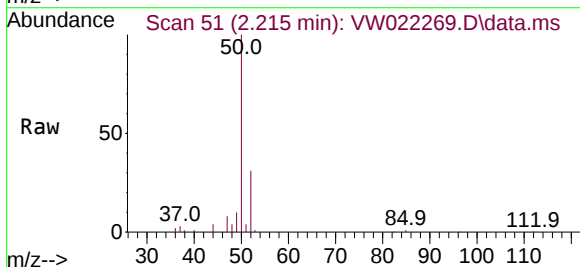
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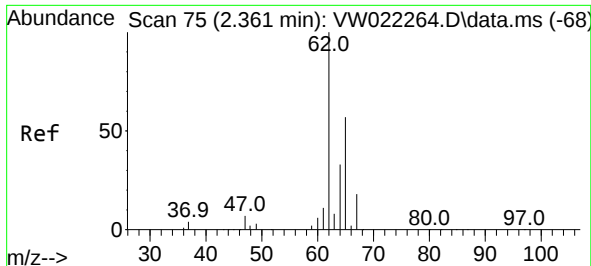
Tgt Ion: 85 Resp: 8999
 Ion Ratio Lower Upper
 85 100
 87 29.3 27.6 41.4



#3
 Chloromethane
 Concen: 19.909 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

Tgt Ion: 50 Resp: 34045
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.9 44.5

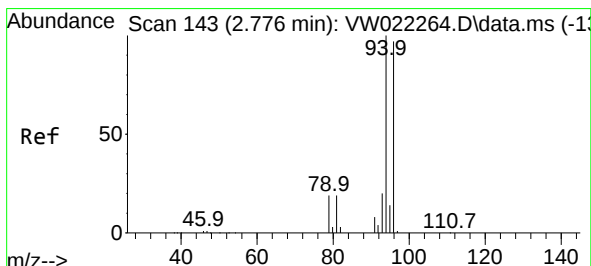
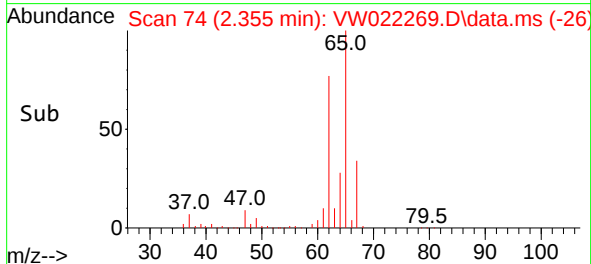
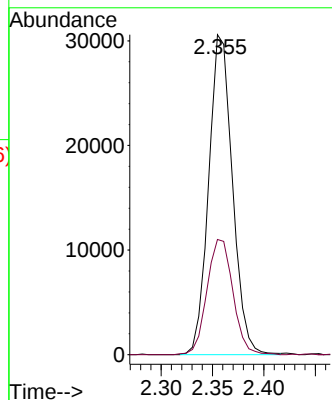
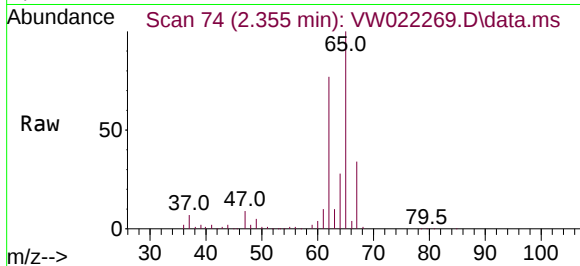




#5
 Vinyl chloride
 Concen: 19.155 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

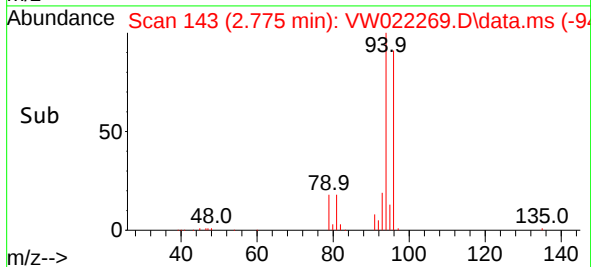
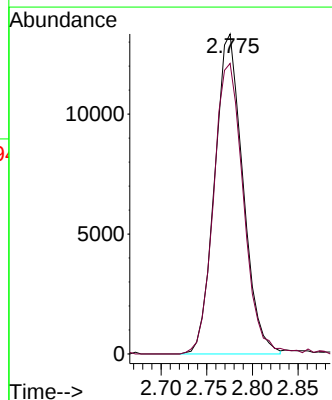
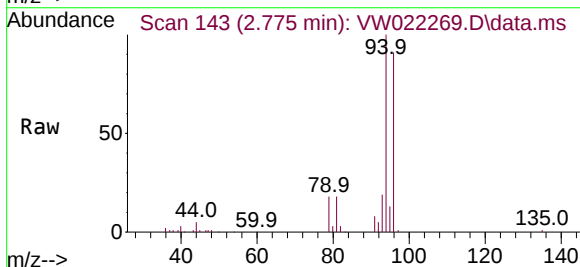
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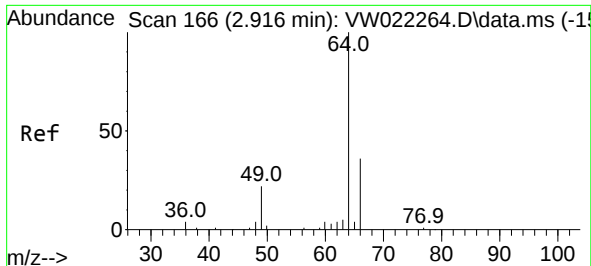
Tgt Ion: 62 Resp: 49217
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.7 45.9



#6
 Bromomethane
 Concen: 16.020 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

Tgt Ion: 94 Resp: 28747
 Ion Ratio Lower Upper
 94 100
 96 90.8 61.2 113.8





#8

Chloroethane

Concen: 18.762 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

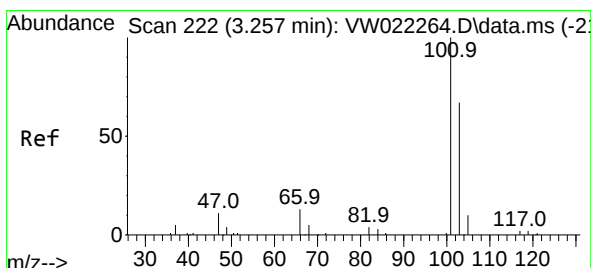
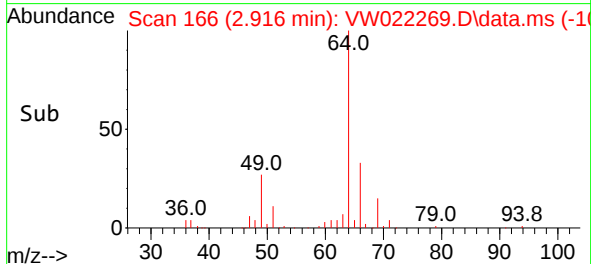
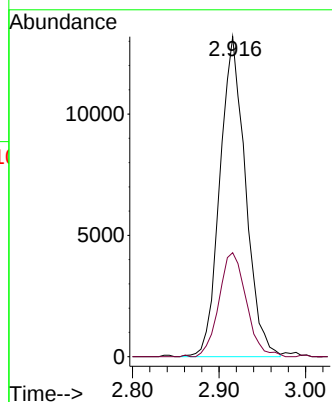
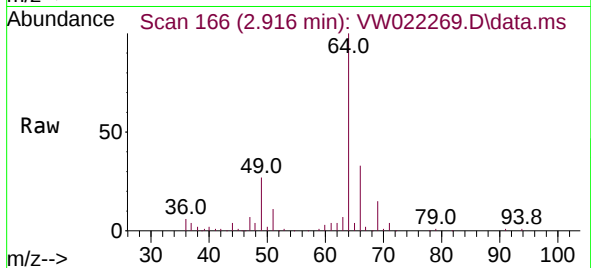
ClientSampleId :

Tgt Ion: 64 Resp: 27081

Ion Ratio Lower Upper

64 100

66 32.5 23.2 43.0



#9

Trichlorofluoromethane

Concen: 17.631 ug/L

RT: 3.257 min Scan# 222

Delta R.T. -0.000 min

Lab File: VW022269.D

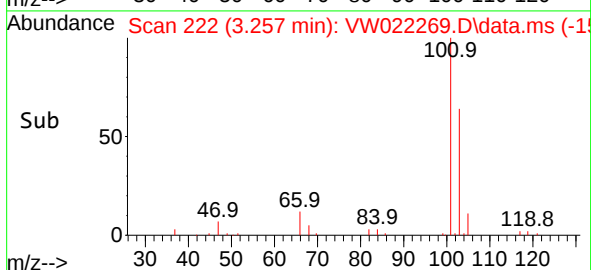
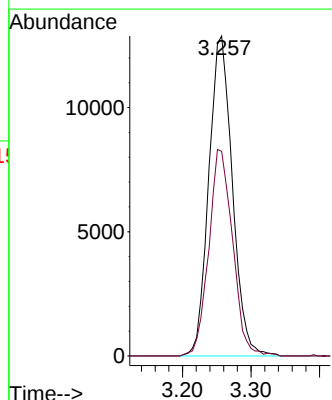
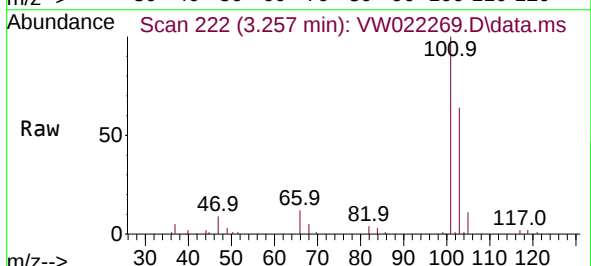
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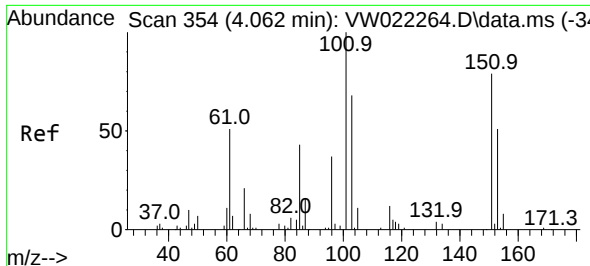
Tgt Ion:101 Resp: 30756

Ion Ratio Lower Upper

101 100

103 65.0 53.2 79.8

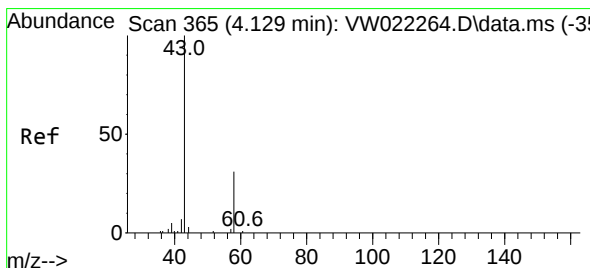
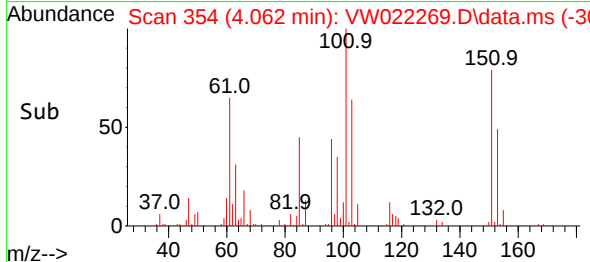
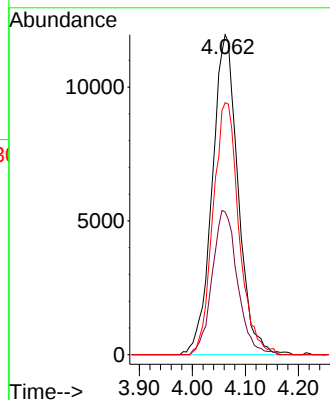
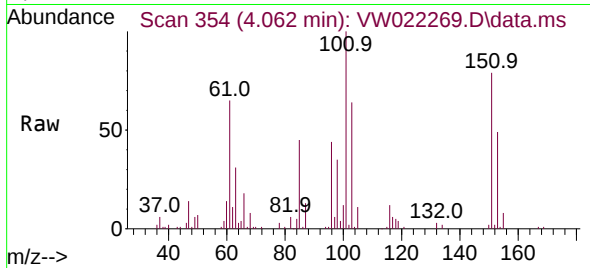




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.025 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

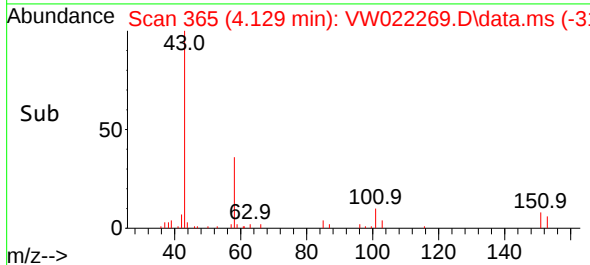
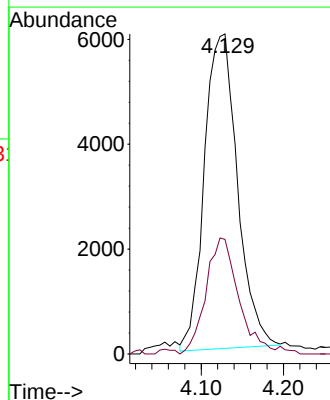
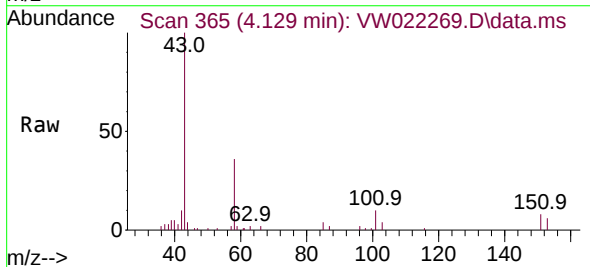
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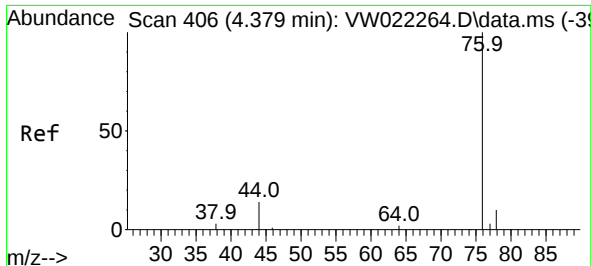
Tgt Ion:101 Resp: 40490
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.4 51.6
 151 78.1 59.0 88.4



#13
 Acetone
 Concen: 52.437 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

Tgt Ion: 43 Resp: 16771
 Ion Ratio Lower Upper
 43 100
 58 36.3 0.0 69.2

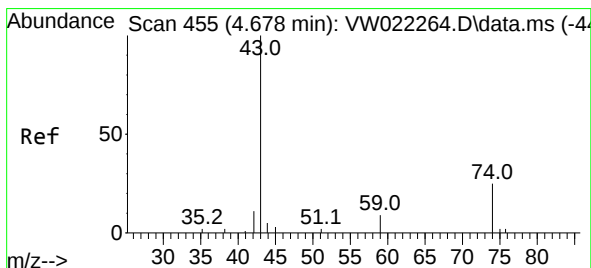
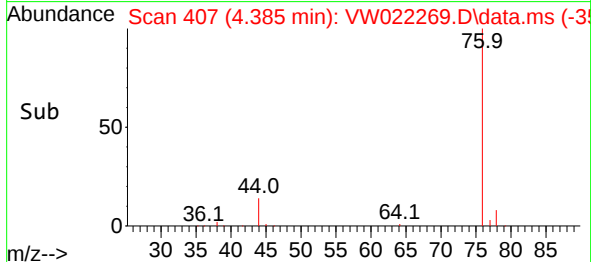
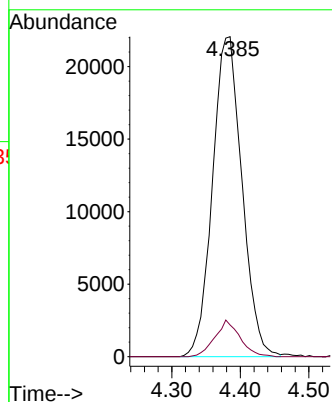
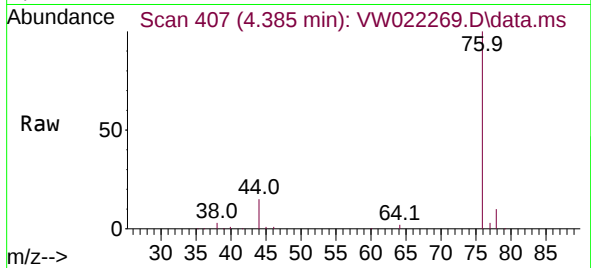




#14
Carbon disulfide
Concen: 13.767 ug/L
RT: 4.385 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

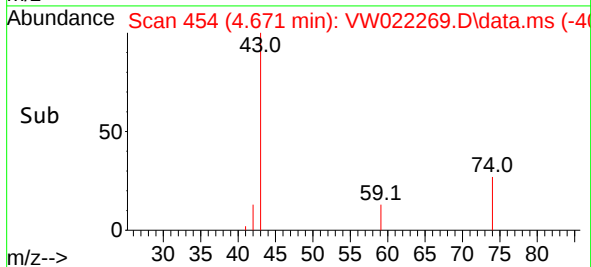
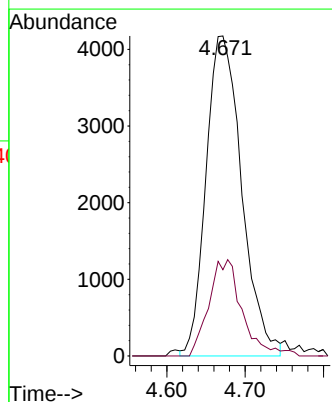
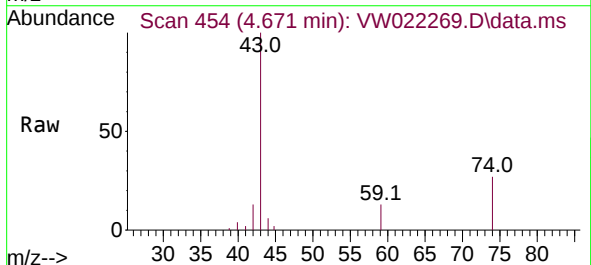
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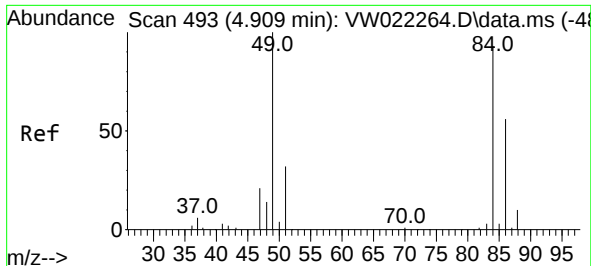
Tgt Ion: 76 Resp: 65835
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8



#15
Methyl Acetate
Concen: 18.362 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 13221
Ion Ratio Lower Upper
43 100
74 13.4 23.0 34.6#

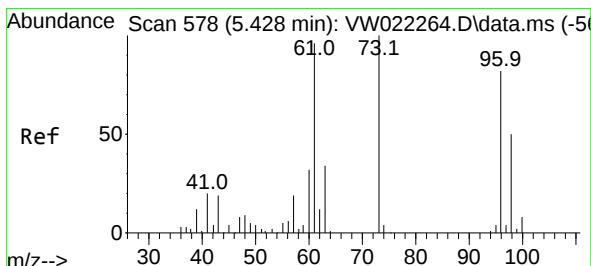
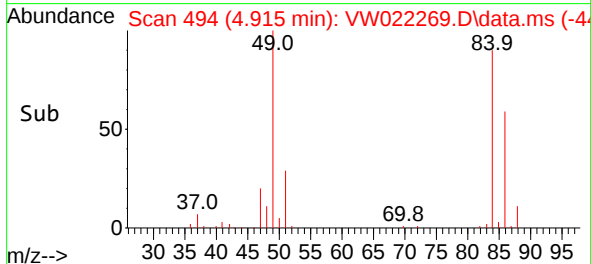
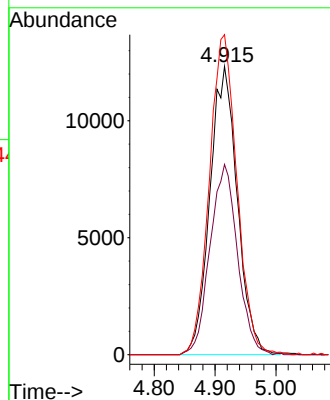
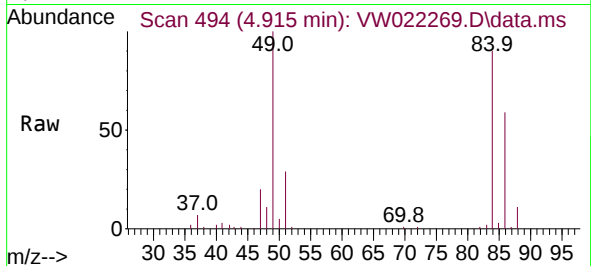




#16
Methylene chloride
Concen: 17.619 ug/L
RT: 4.915 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

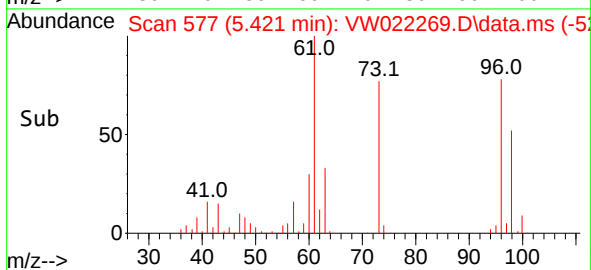
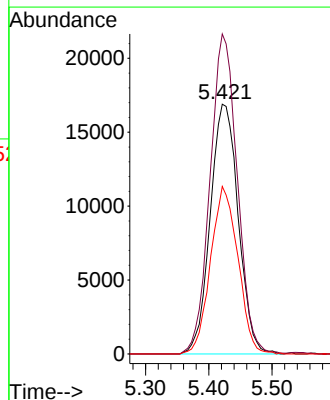
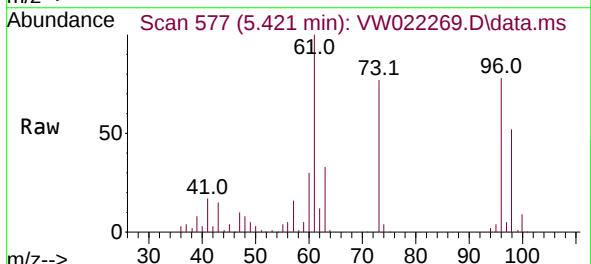
Instrument :
MSVOA_W
ClientSampleId :

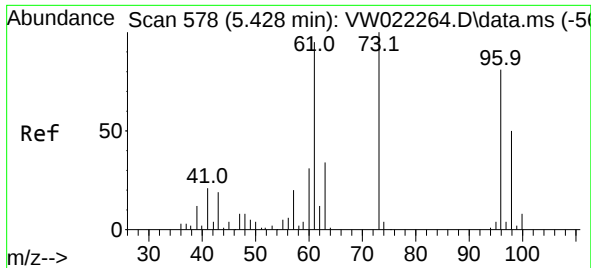
Tgt Ion: 84 Resp: 38618
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.0
49 111.0 73.8 137.0



#17
trans-1,2-Dichloroethene
Concen: 25.688 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

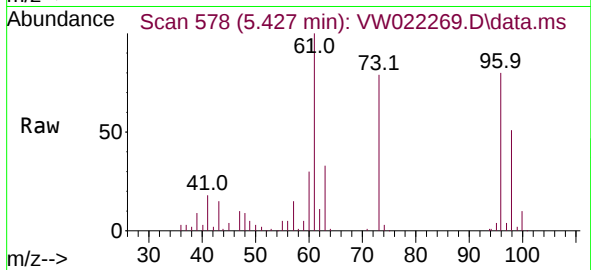
Tgt Ion: 96 Resp: 52043
Ion Ratio Lower Upper
96 100
61 128.1 87.3 162.1
98 67.1 43.2 80.2





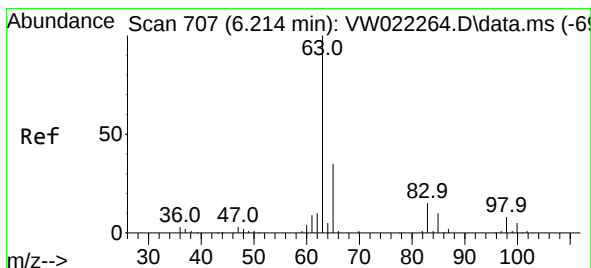
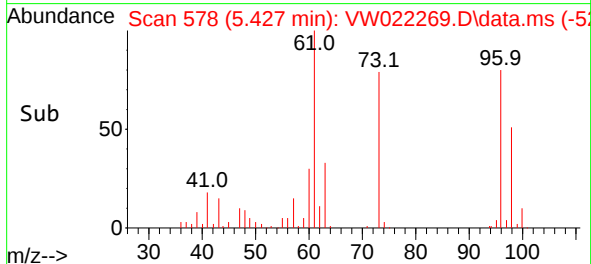
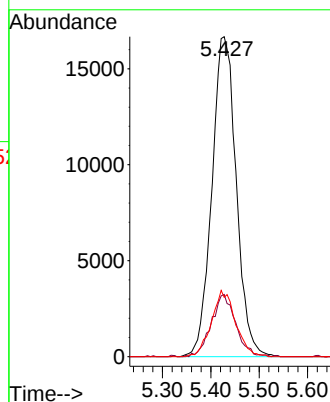
#18
Methyl tert-butyl Ether
Concen: 21.176 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 73 Resp: 58368

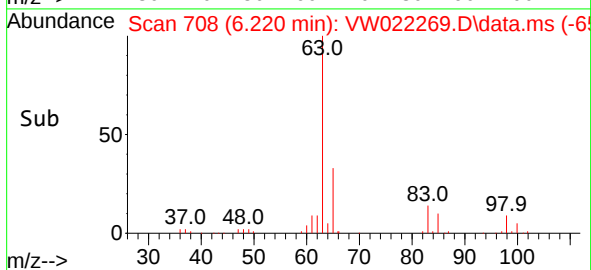
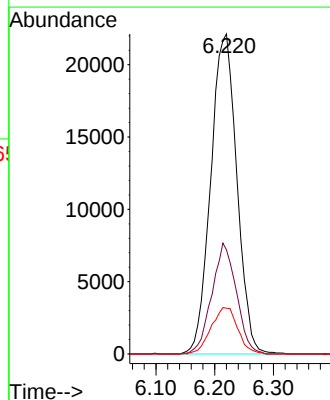
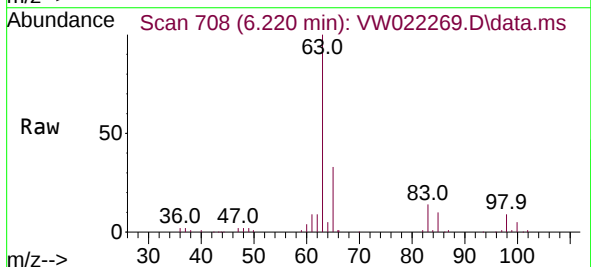
Ion	Ratio	Lower	Upper
73	100		
43	19.2	15.4	23.2
57	20.4	16.5	24.7

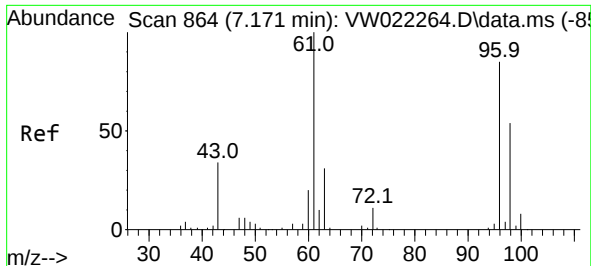


#19
1,1-Dichloroethane
Concen: 20.841 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion: 63 Resp: 68358

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.5	41.9
83	14.3	11.5	21.5

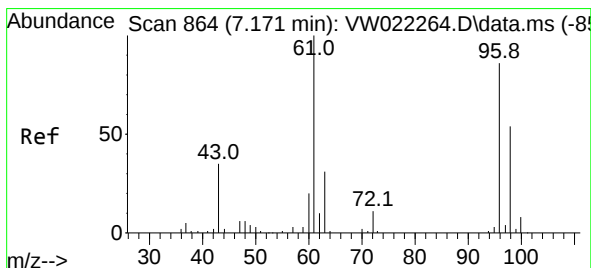
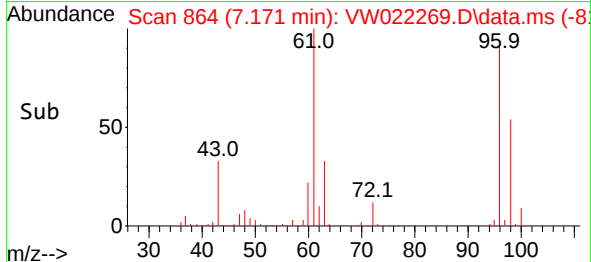
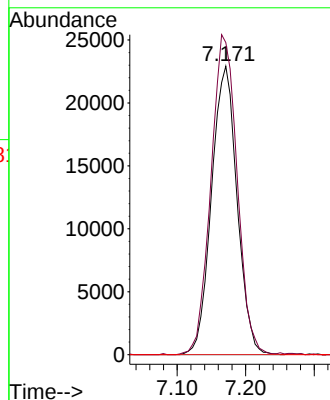
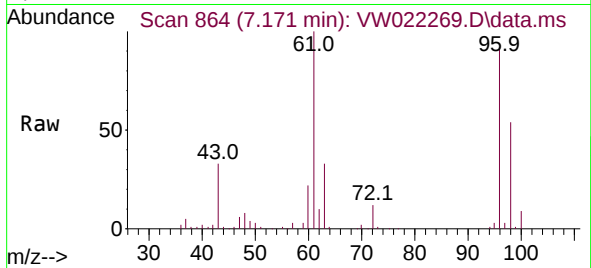




#20
 cis-1,2-Dichloroethene
 Concen: 27.026 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

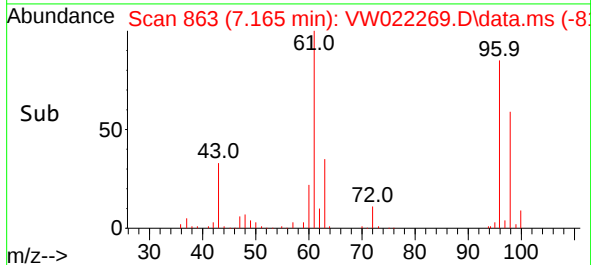
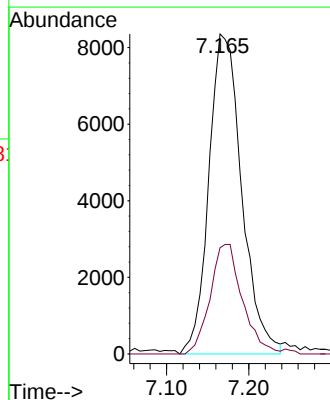
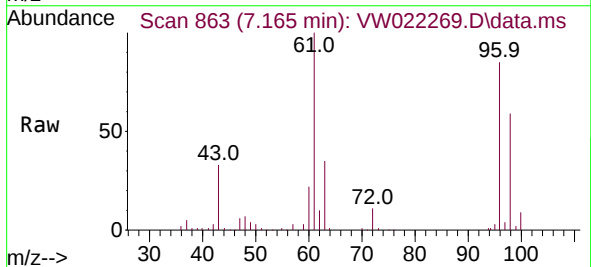
Instrument :
 MSVOA_W
 ClientSampleId :

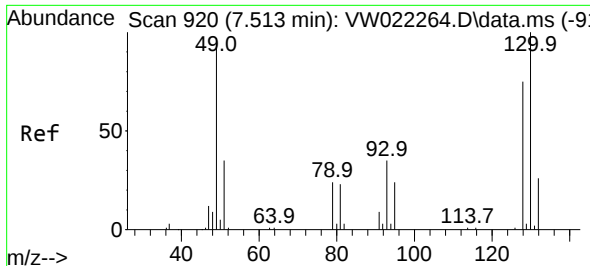
Tgt Ion: 96 Resp: 59314
 Ion Ratio Lower Upper
 96 100
 61 108.2 76.8 142.6
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 50.529 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

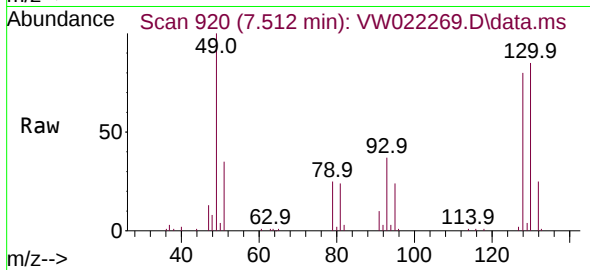
Tgt Ion: 43 Resp: 23215
 Ion Ratio Lower Upper
 43 100
 72 33.5 17.0 51.0





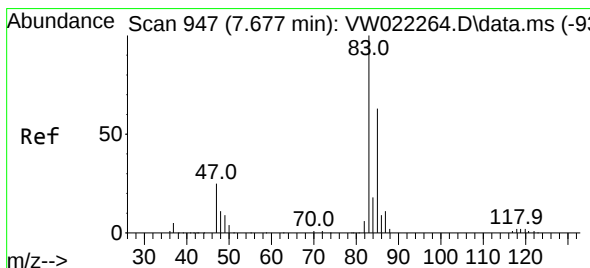
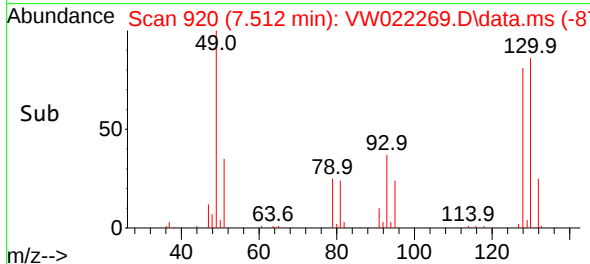
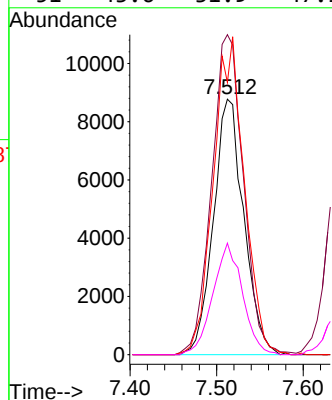
#23
Bromochloromethane
Concen: 19.931 ug/L
RT: 7.512 min Scan# 912
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 21368

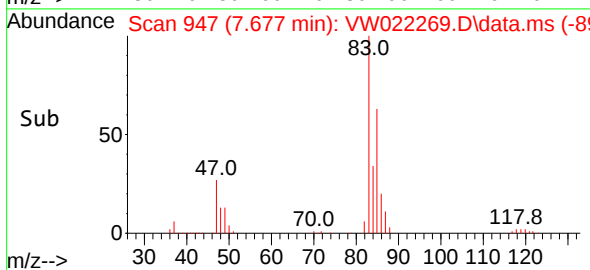
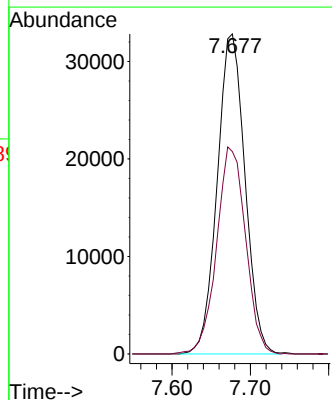
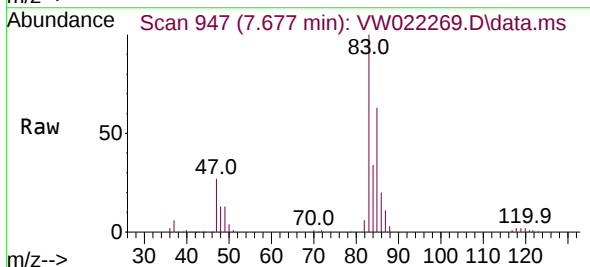
Ion	Ratio	Lower	Upper
128	100		
49	125.2	84.2	156.4
130	106.5	84.8	157.4
51	43.6	31.9	47.9

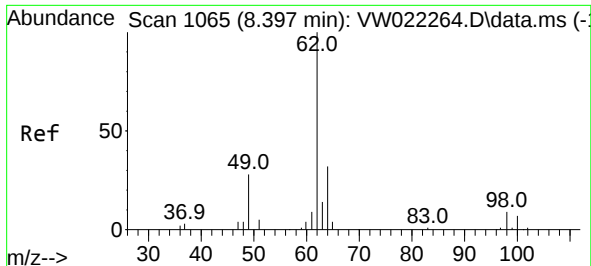


#25
Chloroform
Concen: 21.142 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion: 83 Resp: 80910

Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.1	83.9





#27

1,2-Dichloroethane

Concen: 20.528 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

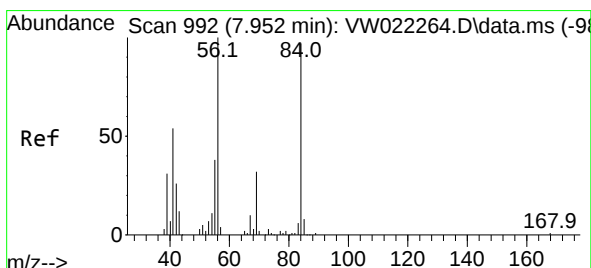
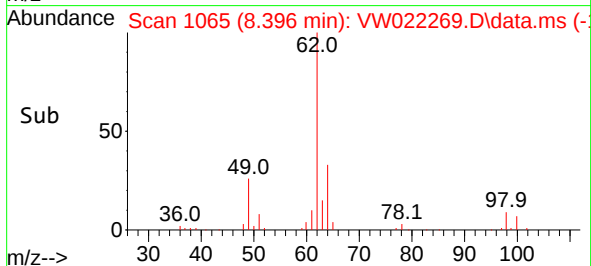
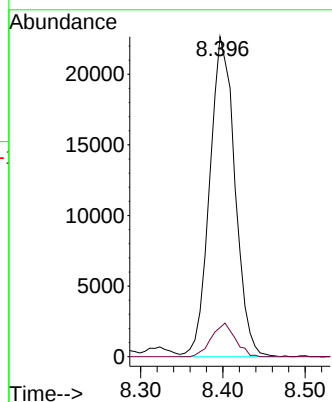
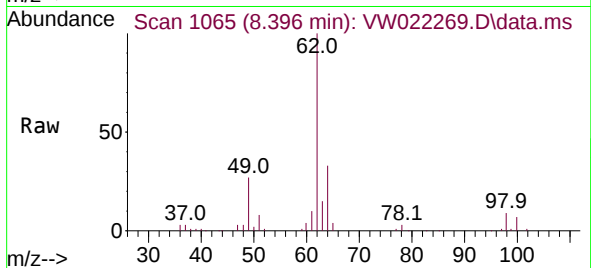
ClientSampleId :

Tgt Ion: 62 Resp: 48388

Ion Ratio Lower Upper

62 100

98 9.1 7.9 11.9



#29

Cyclohexane

Concen: 17.462 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

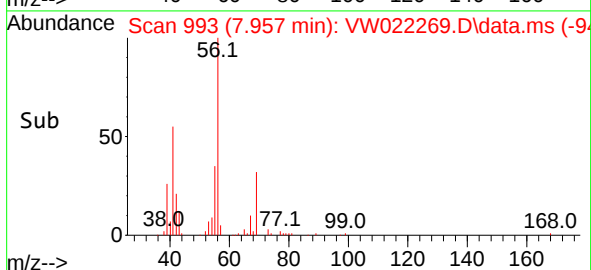
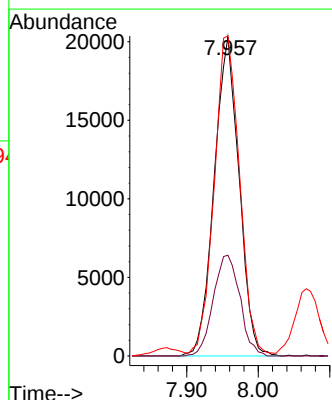
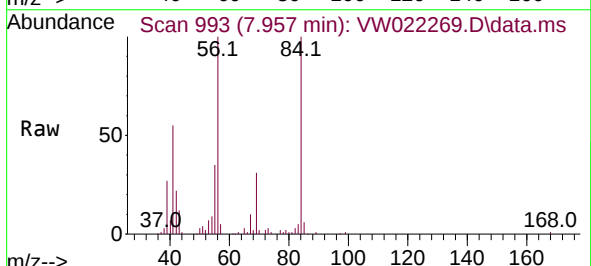
Tgt Ion: 56 Resp: 49028

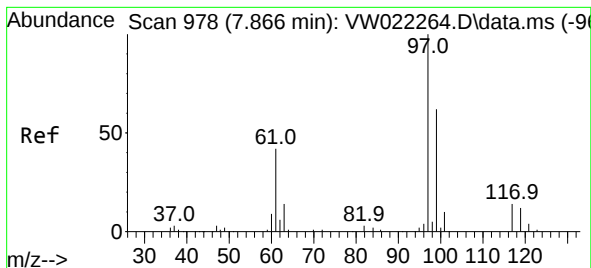
Ion Ratio Lower Upper

56 100

69 33.8 26.3 39.5

84 102.9 81.4 122.2





#30

1,1,1-Trichloroethane

Concen: 20.137 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

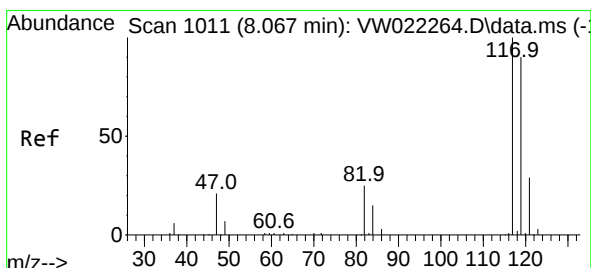
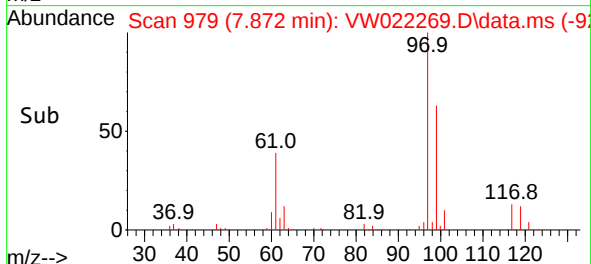
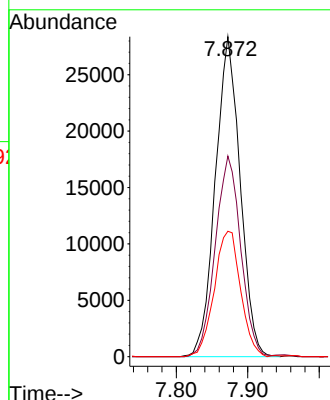
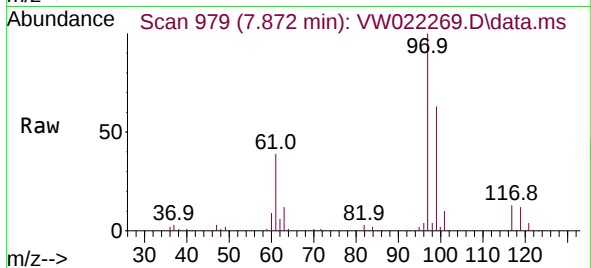
Tgt Ion: 97 Resp: 68354

Ion Ratio Lower Upper

97 100

99 64.3 52.6 78.8

61 41.6 33.0 49.6



#31

Carbon tetrachloride

Concen: 19.626 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022269.D

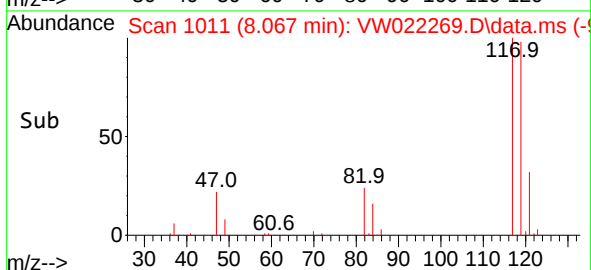
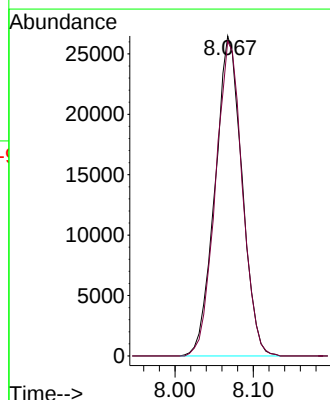
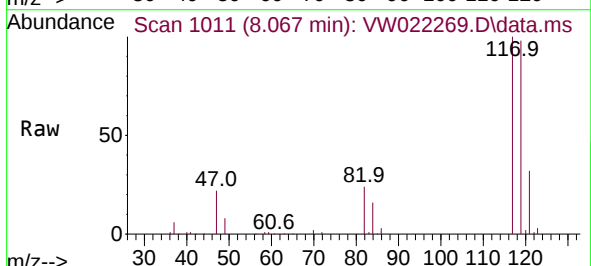
Acq: 10 Mar 2022 13:28

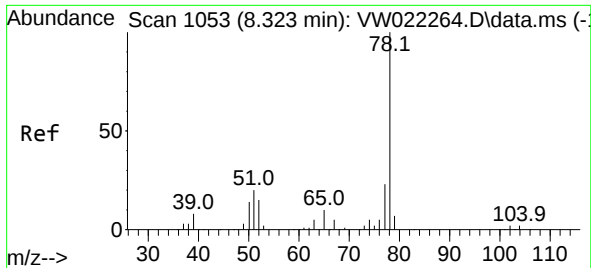
Tgt Ion: 117 Resp: 63313

Ion Ratio Lower Upper

117 100

119 97.8 76.7 115.1

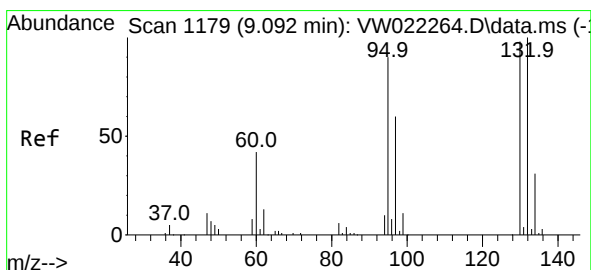
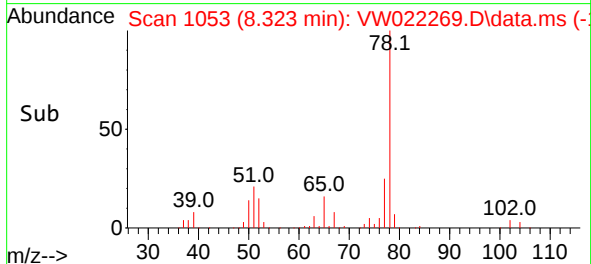
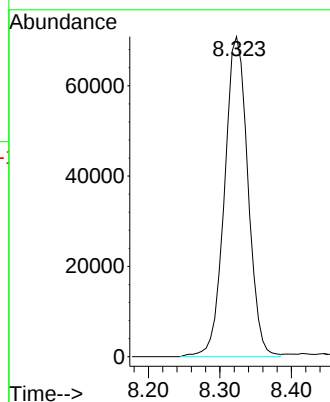
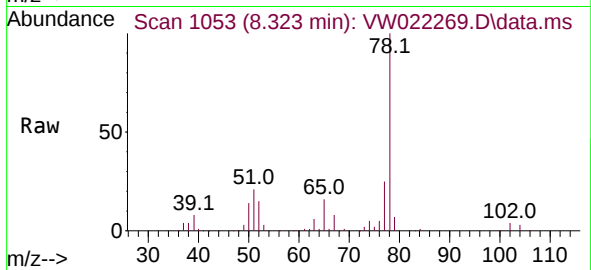




#33
Benzene
Concen: 19.728 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Instrument :
MSVOA_W
ClientSampleId :

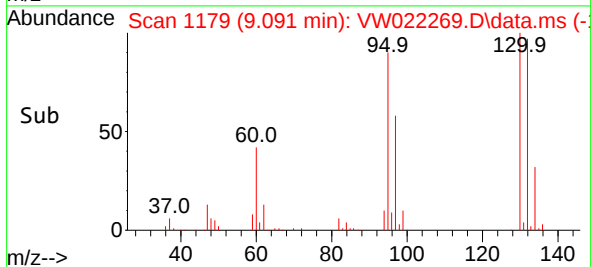
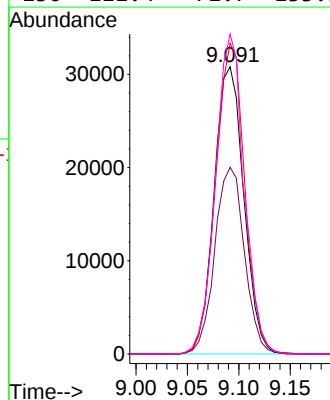
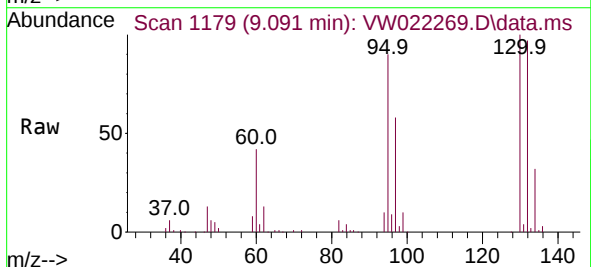
Tgt Ion: 78 Resp: 160925

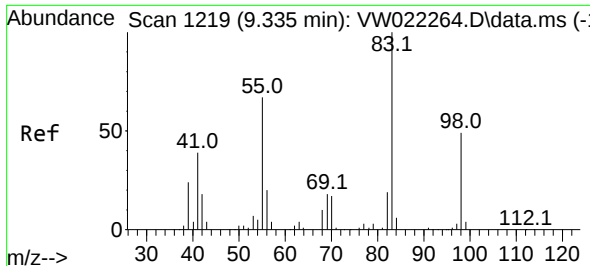


#34
Trichloroethene
Concen: 26.503 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion: 95 Resp: 61899

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.4
132	108.1	71.7	133.1
130	111.4	71.7	133.1





#35

Methylcyclohexane

Concen: 17.388 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

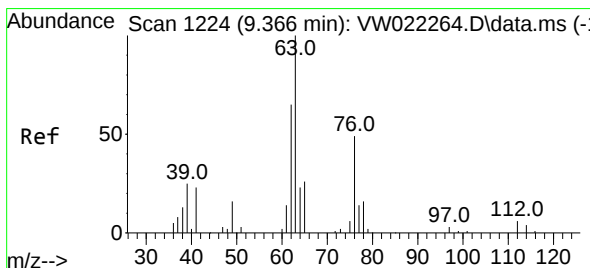
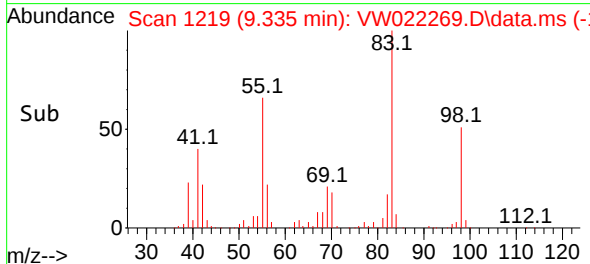
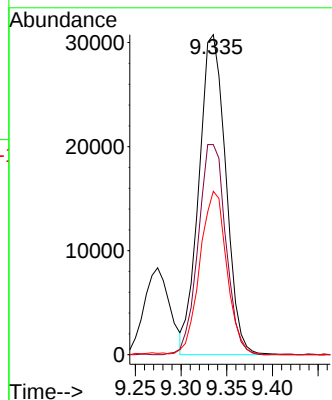
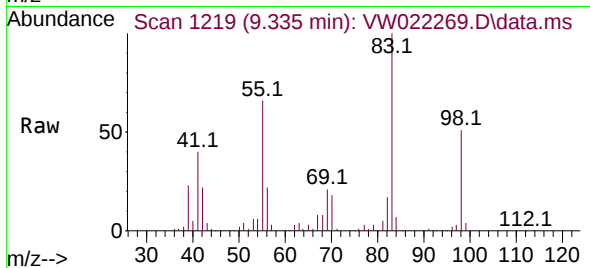
Tgt Ion: 83 Resp: 62814

Ion Ratio Lower Upper

83 100

55 67.3 53.8 80.8

98 51.2 42.1 63.1



#37

1,2-Dichloropropane

Concen: 20.460 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW022269.D

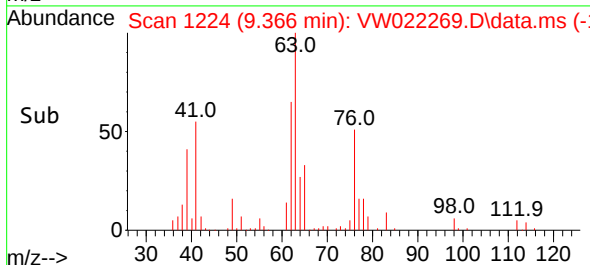
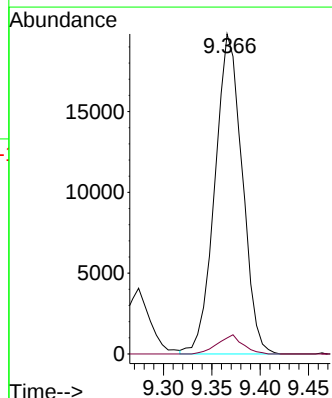
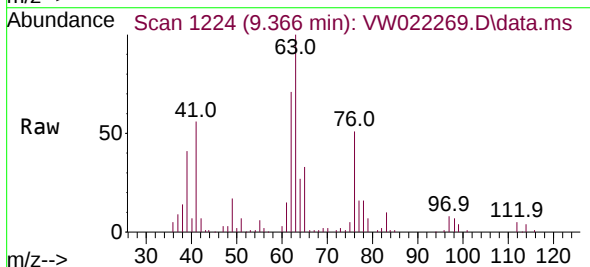
Acq: 10 Mar 2022 13:28

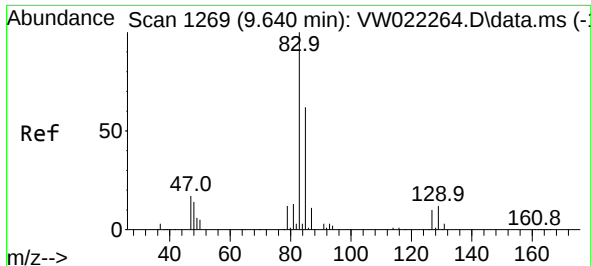
Tgt Ion: 63 Resp: 38934

Ion Ratio Lower Upper

63 100

112 5.5 4.1 6.1

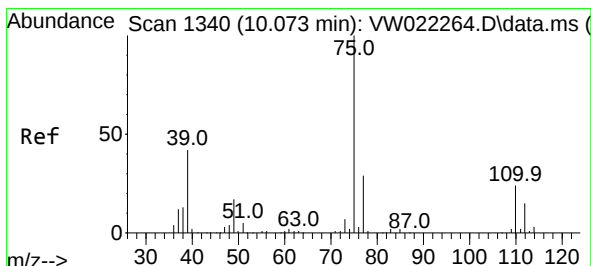
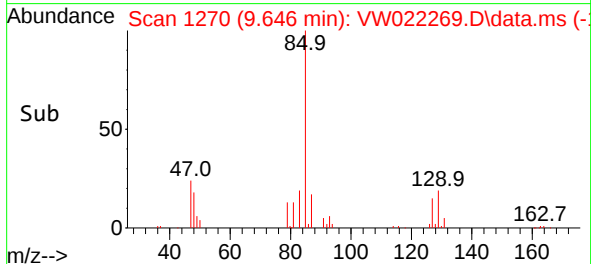
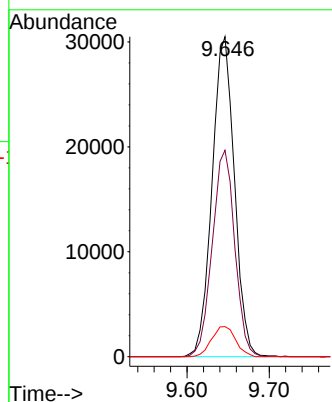
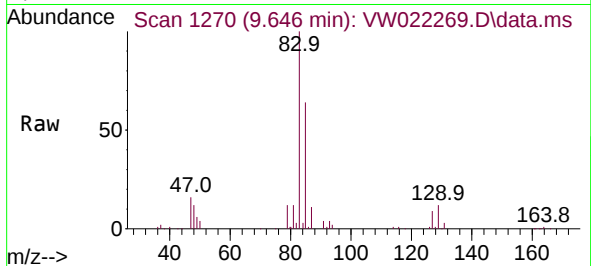




#38
Bromodichloromethane
Concen: 21.085 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

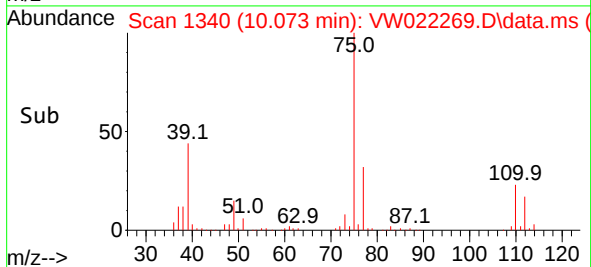
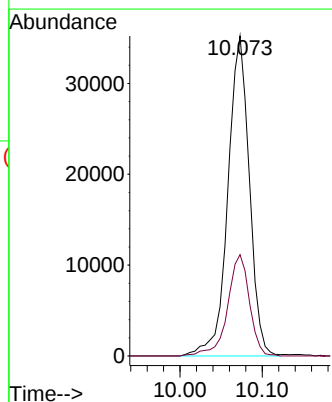
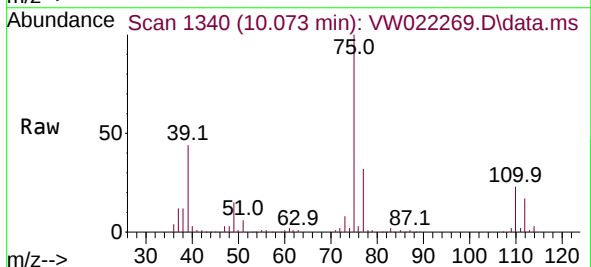
Instrument :
MSVOA_W
ClientSampleId :

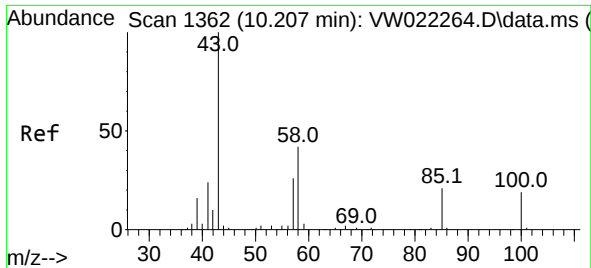
Tgt Ion: 83 Resp: 57541
Ion Ratio Lower Upper
83 100
85 64.5 47.9 89.1
127 9.4 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 22.070 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion: 75 Resp: 63841
Ion Ratio Lower Upper
75 100
77 31.6 20.6 38.2

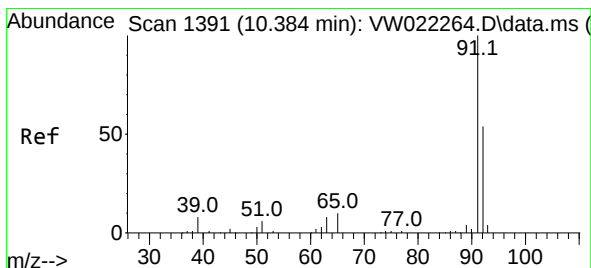
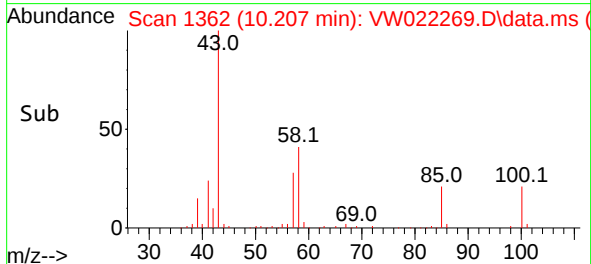
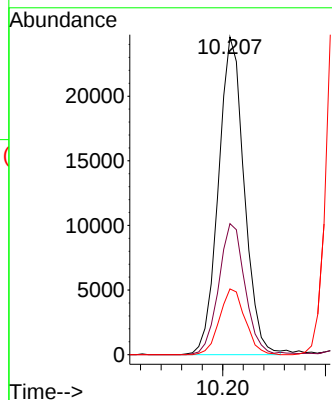
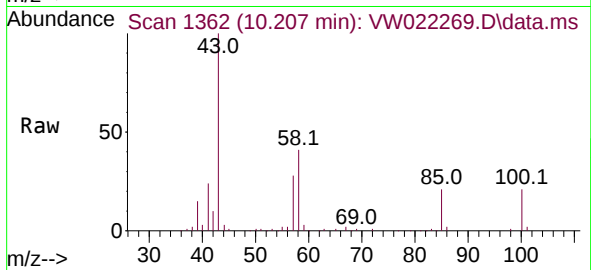




#40
4-Methyl-2-pentanone
Concen: 41.669 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

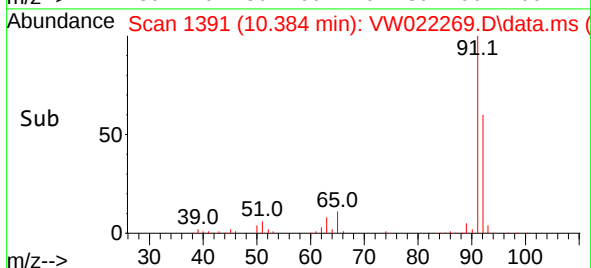
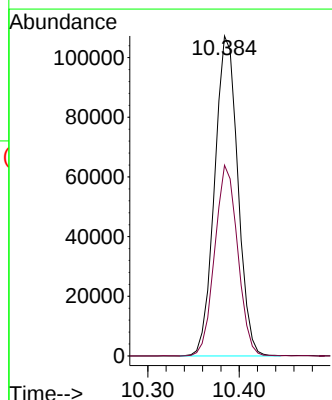
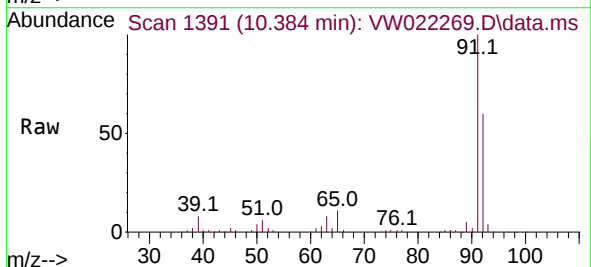
Instrument :
MSVOA_W
ClientSampleId :

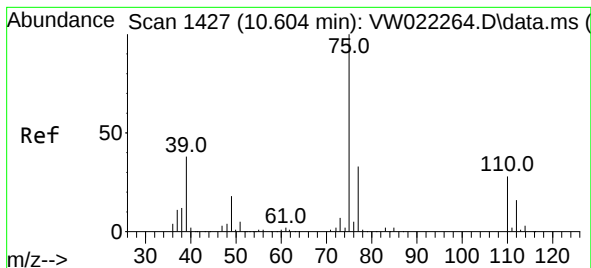
Tgt Ion: 43 Resp: 42822
Ion Ratio Lower Upper
43 100
58 41.8 33.2 49.8
100 20.5 16.1 24.1



#42
Toluene
Concen: 20.473 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion: 91 Resp: 189007
Ion Ratio Lower Upper
91 100
92 59.6 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 21.686 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

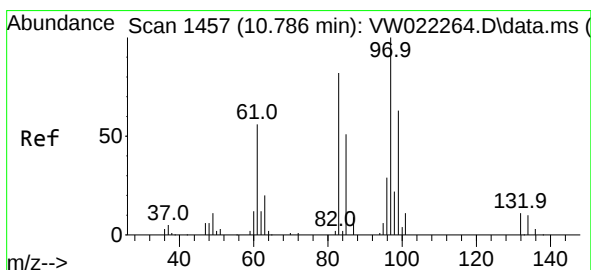
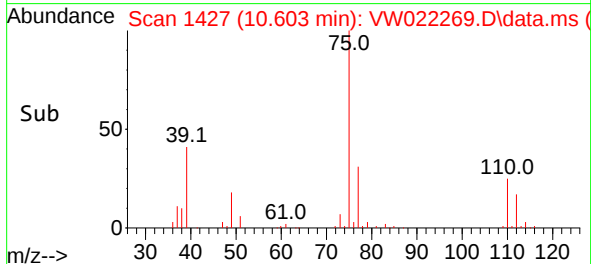
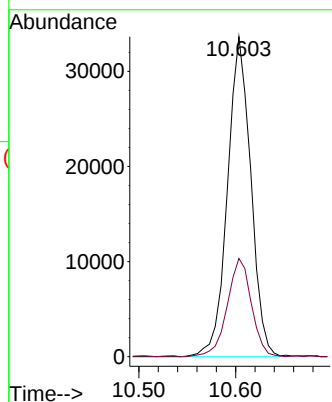
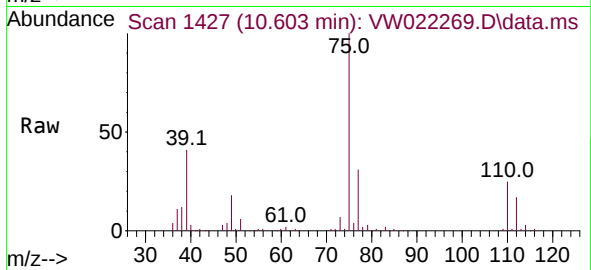
ClientSampleId :

Tgt Ion: 75 Resp: 56371

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 20.093 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Tgt Ion: 97 Resp: 33906

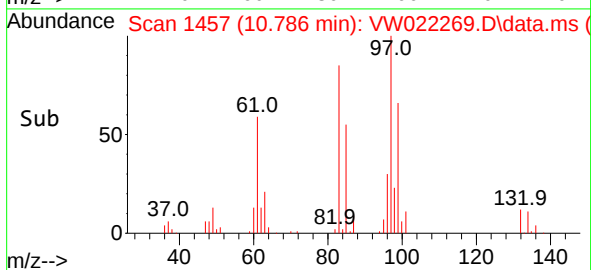
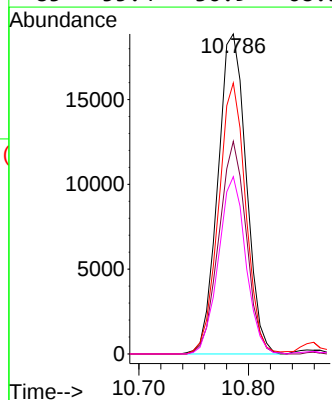
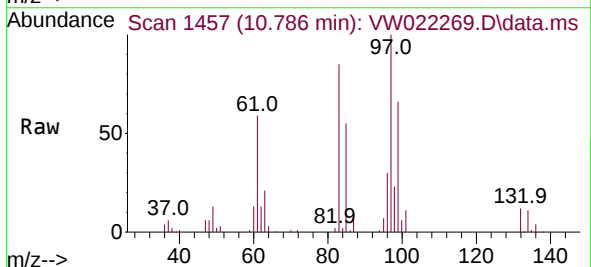
Ion Ratio Lower Upper

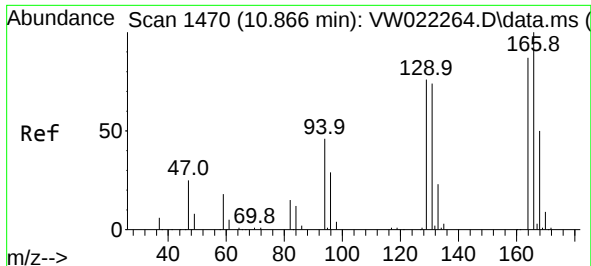
97 100

99 66.4 43.5 80.7

83 84.7 53.5 99.3

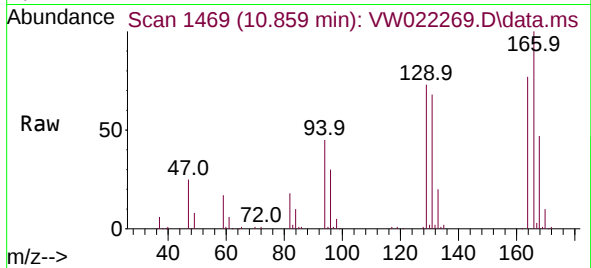
85 55.4 36.9 68.5



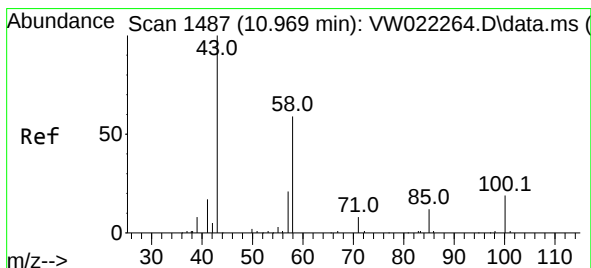
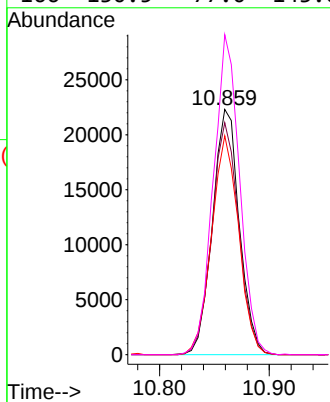
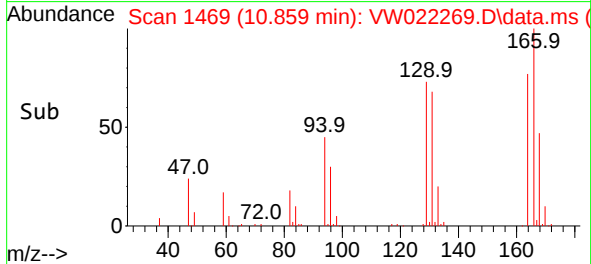


#46
Tetrachloroethene
Concen: 18.575 ug/L
RT: 10.859 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

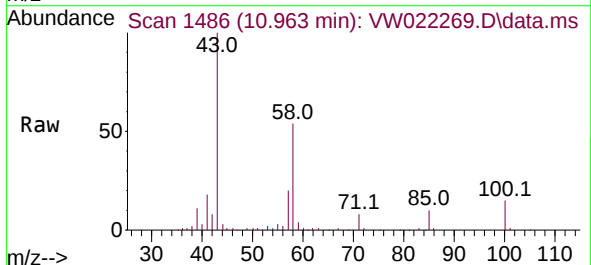
Instrument :
MSVOA_W
ClientSampleId :



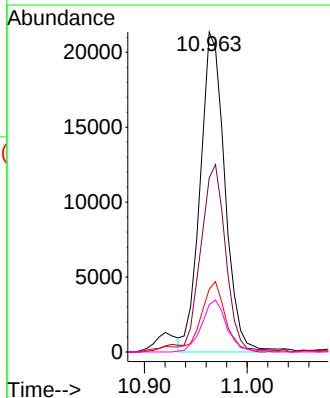
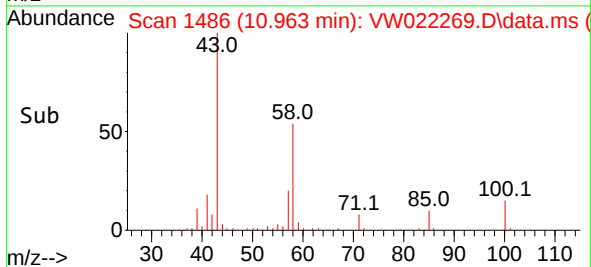
Tgt Ion:164 Resp: 38003
Ion Ratio Lower Upper
164 100
129 94.6 60.3 111.9
131 89.2 59.9 111.3
166 130.5 77.0 143.0

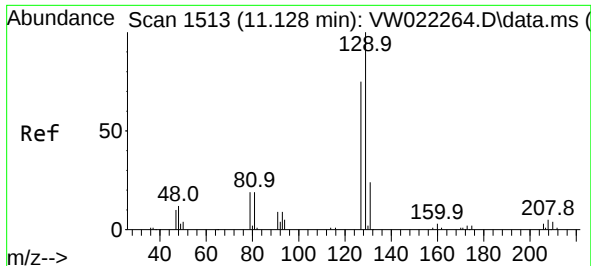


#48
2-Hexanone
Concen: 50.080 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28



Tgt Ion: 43 Resp: 35720
Ion Ratio Lower Upper
43 100
58 58.6 44.6 66.8
57 21.1 15.8 23.8
100 16.5 12.7 19.1





#49

Dibromochloromethane

Concen: 21.284 ug/L

RT: 11.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

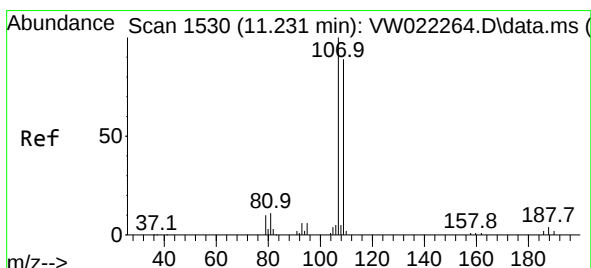
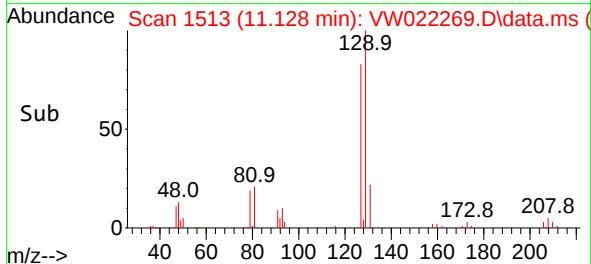
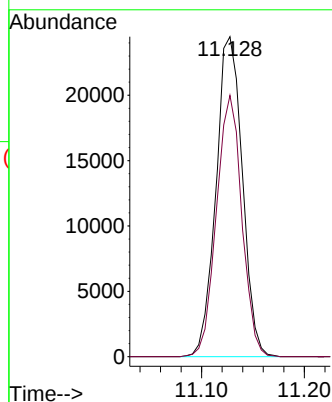
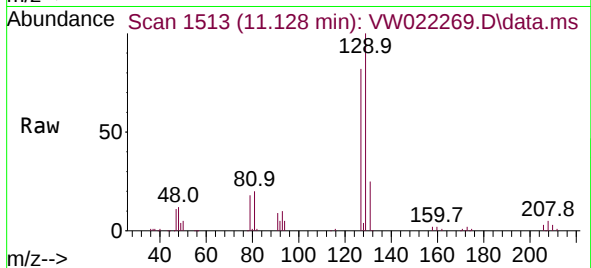
ClientSampleId :

Tgt Ion:129 Resp: 43627

Ion Ratio Lower Upper

129 100

127 81.7 54.5 101.1



#50

1,2-Dibromoethane

Concen: 20.017 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

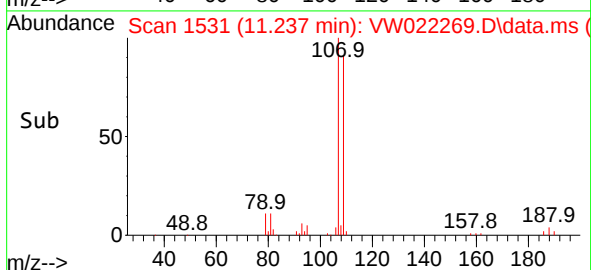
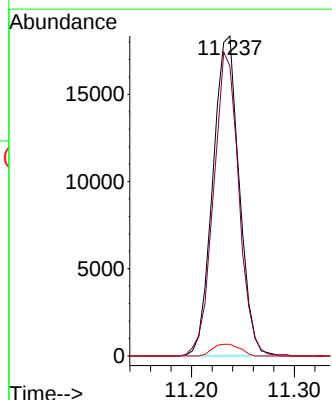
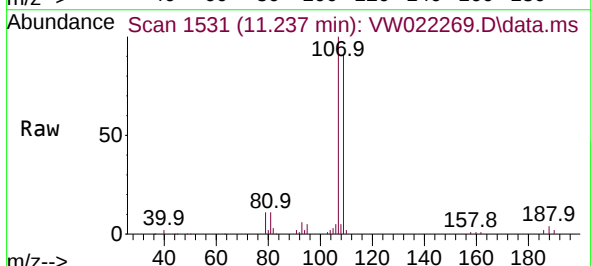
Tgt Ion:107 Resp: 32580

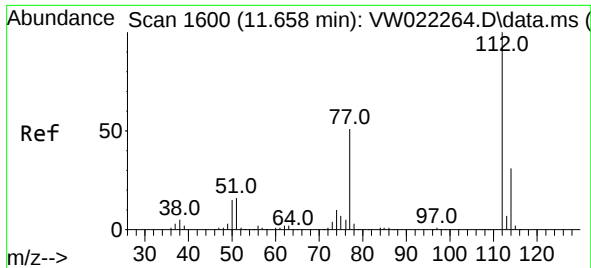
Ion Ratio Lower Upper

107 100

109 90.5 66.8 124.2

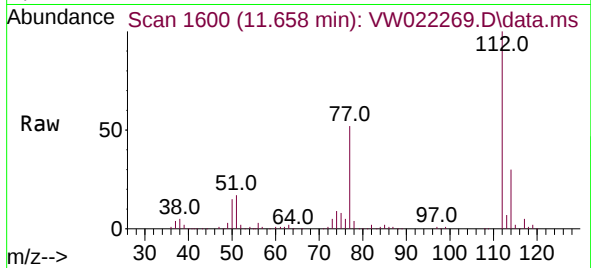
188 3.7 2.6 4.0



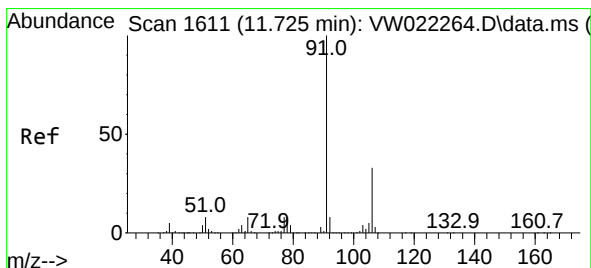
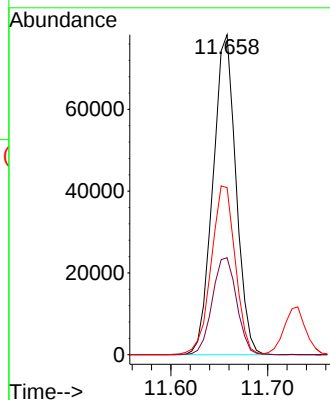
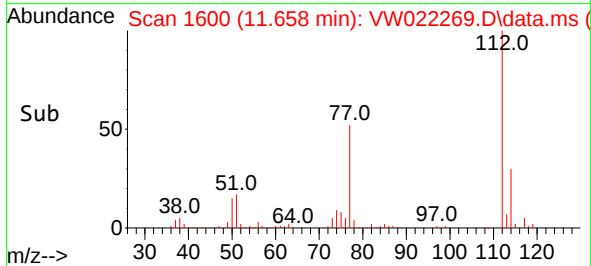


#51
Chlorobenzene
Concen: 20.182 ug/L
RT: 11.658 min Scan# 11658
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Instrument :
MSVOA_W
ClientSampleId :

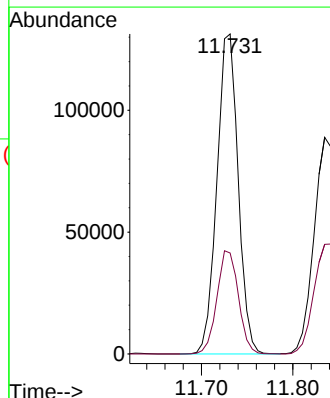
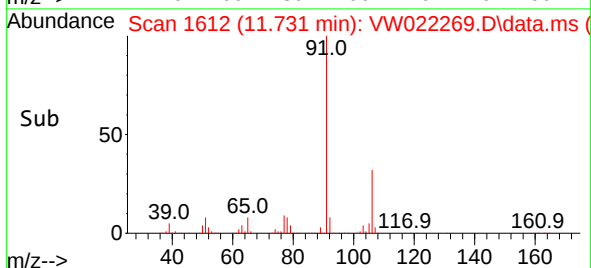
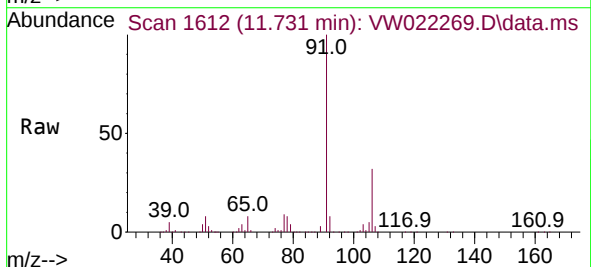


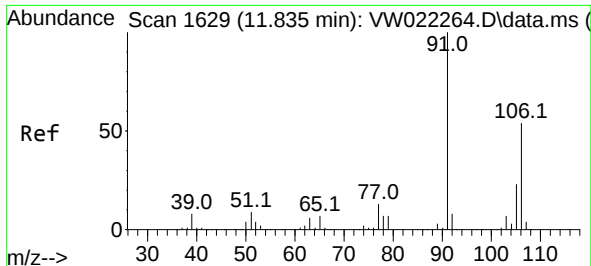
Tgt Ion:112 Resp: 129672
Ion Ratio Lower Upper
112 100
114 30.3 23.0 42.8
77 52.2 41.8 62.6



#52
Ethylbenzene
Concen: 20.756 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion: 91 Resp: 212075
Ion Ratio Lower Upper
91 100
106 31.5 22.8 42.4

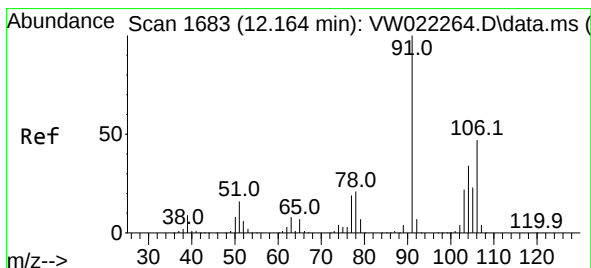
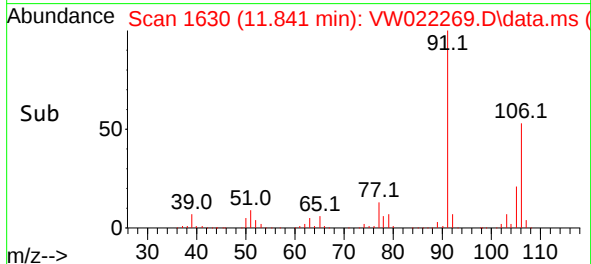
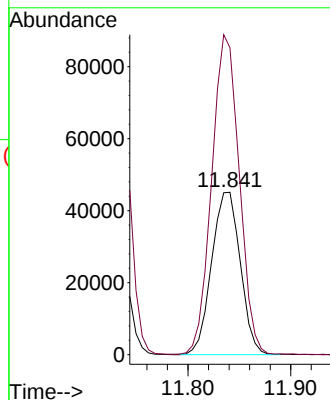
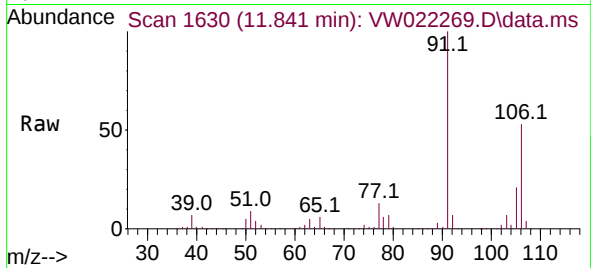




#53
m,p-Xylene
Concen: 20.795 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

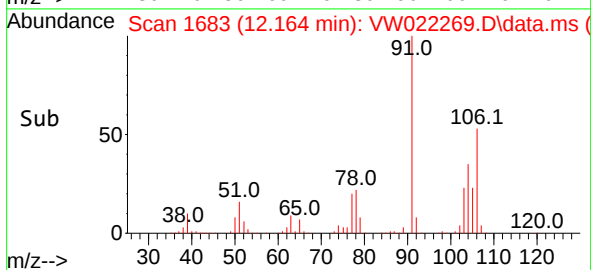
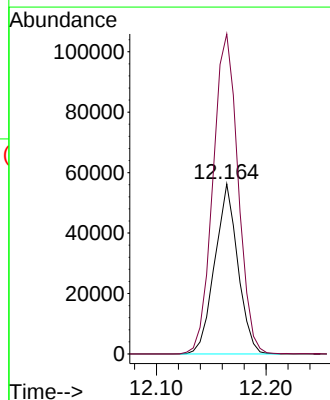
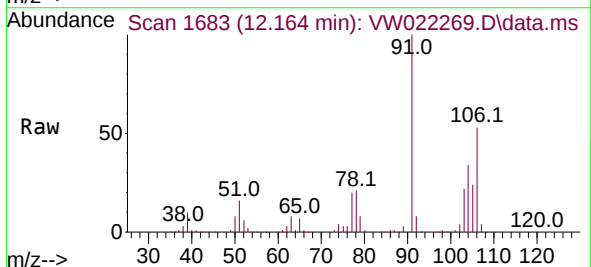
Instrument :
MSVOA_W
ClientSampleId :

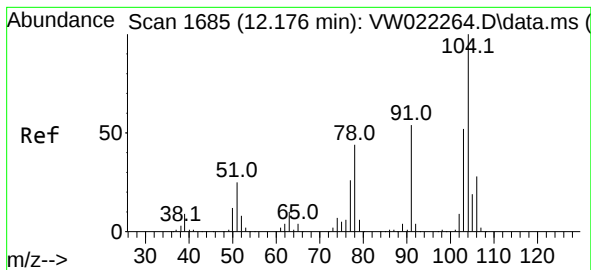
Tgt Ion:106 Resp: 87427
Ion Ratio Lower Upper
106 100
91 189.0 135.0 250.8



#54
o-Xylene
Concen: 20.779 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion:106 Resp: 82198
Ion Ratio Lower Upper
106 100
91 188.2 136.9 254.3





#55

Styrene

Concen: 21.482 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

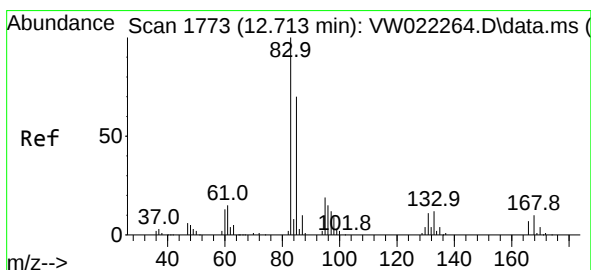
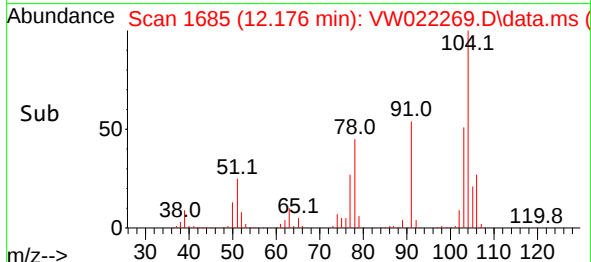
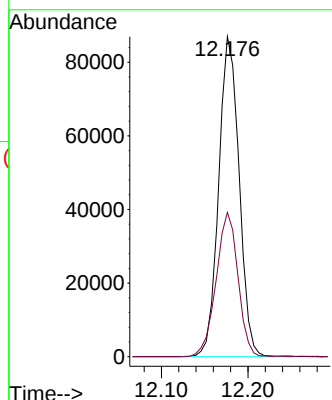
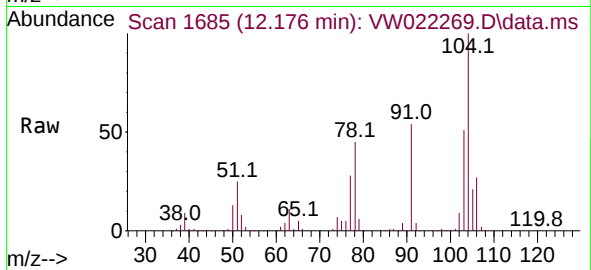
ClientSampleId :

Tgt Ion:104 Resp: 142462

Ion Ratio Lower Upper

104 100

78 45.1 27.8 51.6



#57

1,1,2,2-Tetrachloroethane

Concen: 21.015 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

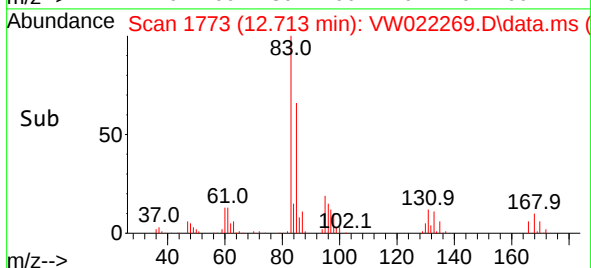
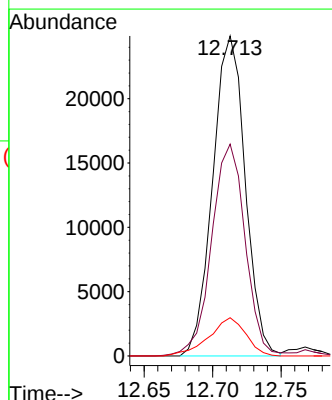
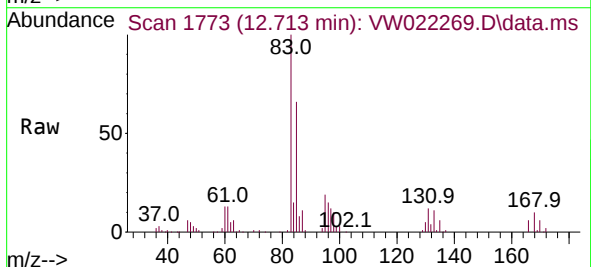
Tgt Ion: 83 Resp: 41145

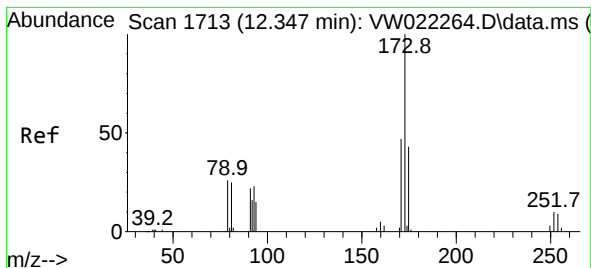
Ion Ratio Lower Upper

83 100

85 66.2 44.2 82.0

131 12.0 9.4 14.0





#59

Bromoform

Concen: 19.625 ug/L

RT: 12.347 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

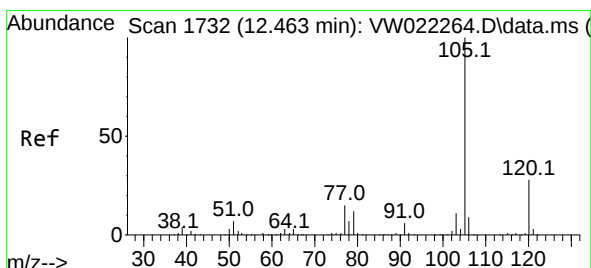
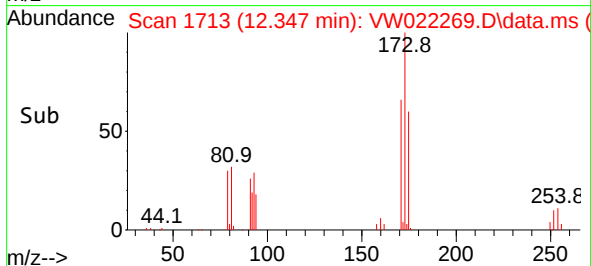
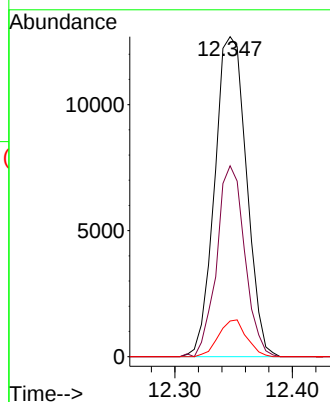
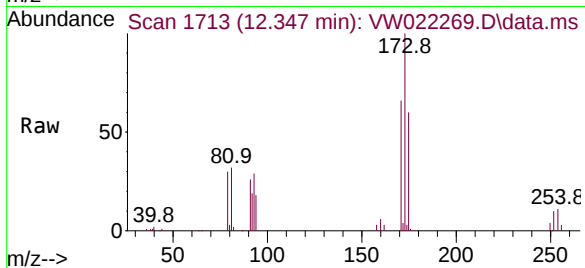
Tgt Ion:173 Resp: 23886

Ion Ratio Lower Upper

173 100

175 52.4 38.2 57.4

254 10.1 5.0 7.6#



#60

Isopropylbenzene

Concen: 20.856 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

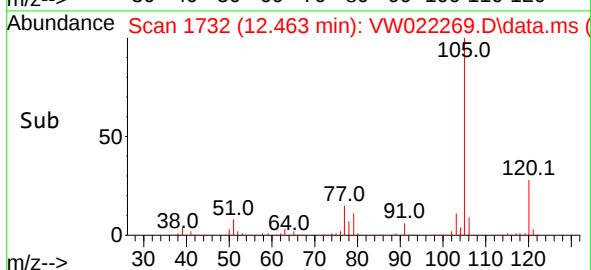
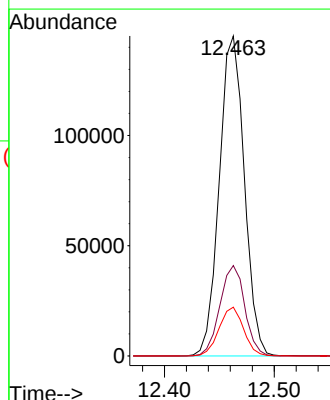
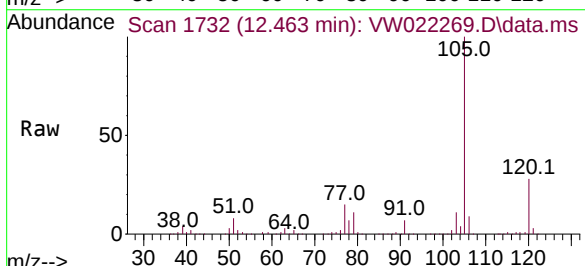
Tgt Ion:105 Resp: 230422

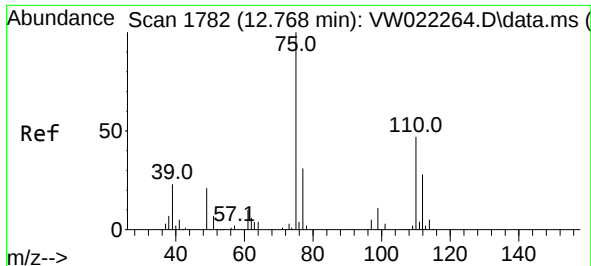
Ion Ratio Lower Upper

105 100

120 28.0 22.1 33.1

77 15.0 12.0 18.0

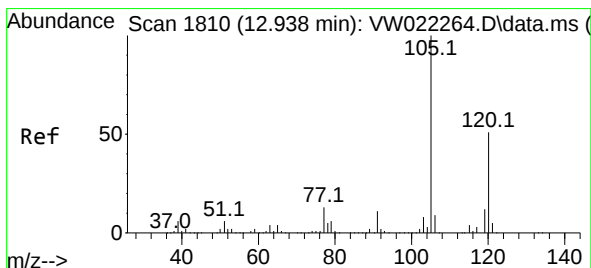
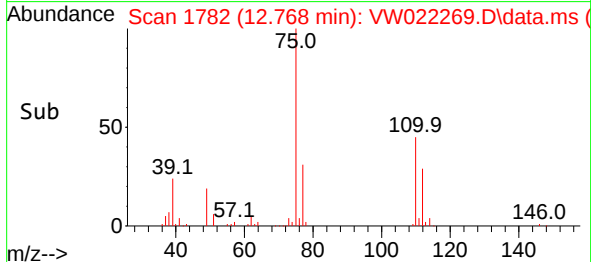
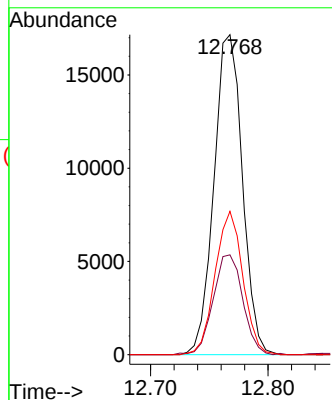
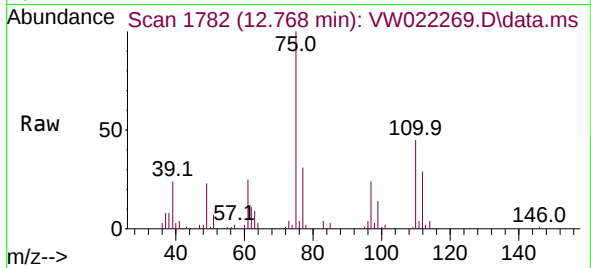




#61
 1,2,3-Trichloropropane
 Concen: 19.876 ug/L
 RT: 12.768 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

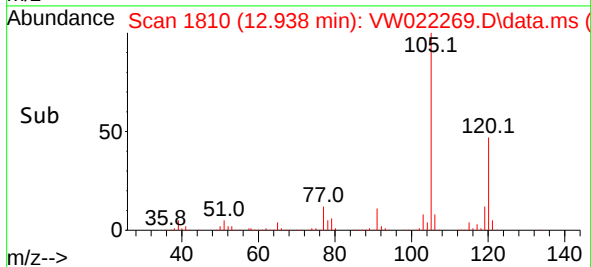
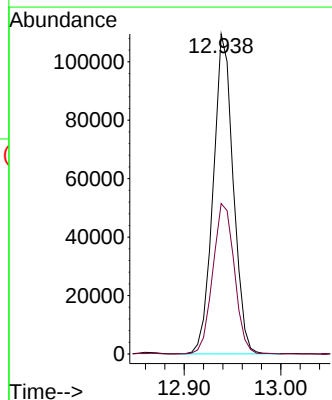
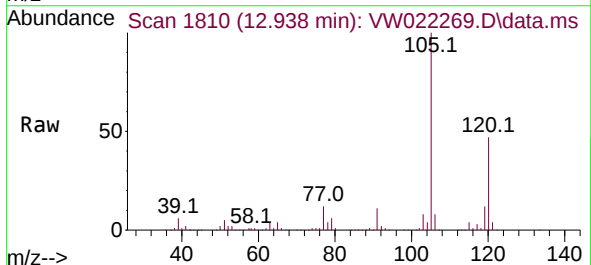
Instrument :
 MSVOA_W
 ClientSampleId :

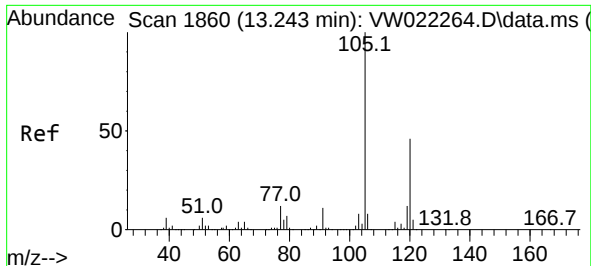
Tgt Ion: 75 Resp: 28872
 Ion Ratio Lower Upper
 75 100
 77 32.3 27.1 40.7
 110 43.8 36.7 55.1



#62
 1,3,5-Trimethylbenzene
 Concen: 21.462 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

Tgt Ion: 105 Resp: 157672
 Ion Ratio Lower Upper
 105 100
 120 50.6 41.5 62.3

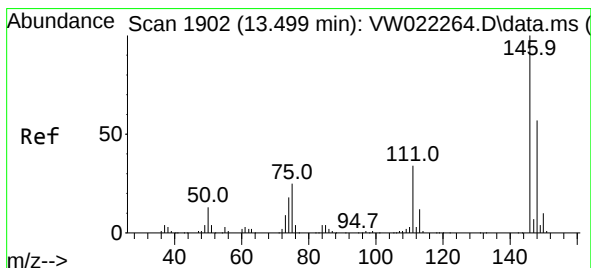
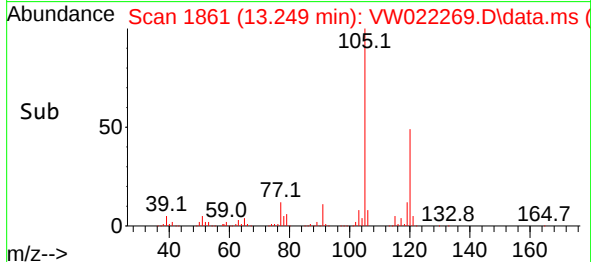
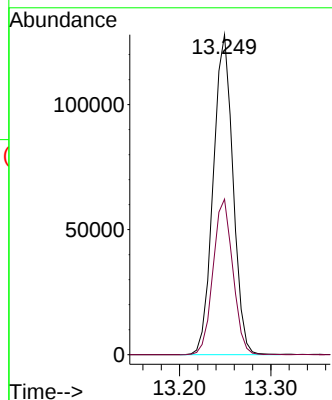
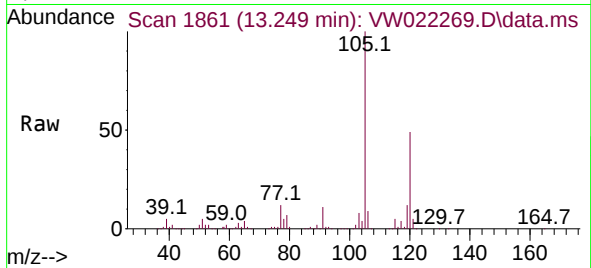




#63
1,2,4-Trimethylbenzene
Concen: 21.371 ug/L
RT: 13.249 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

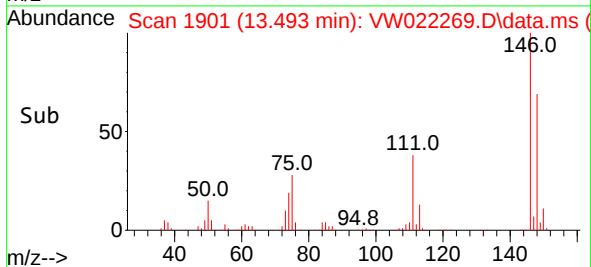
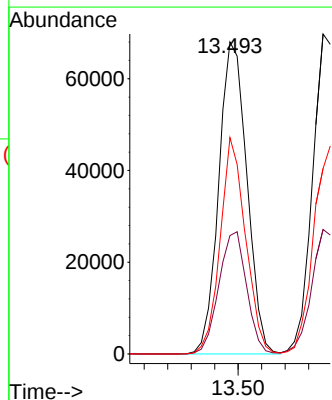
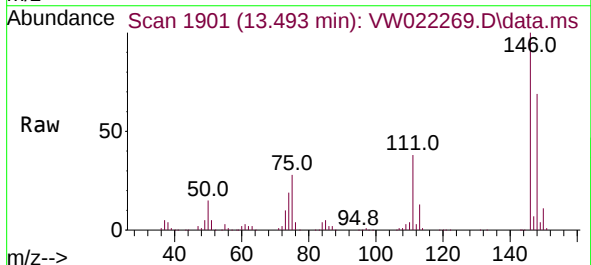
Instrument :
MSVOA_W
ClientSampleId :

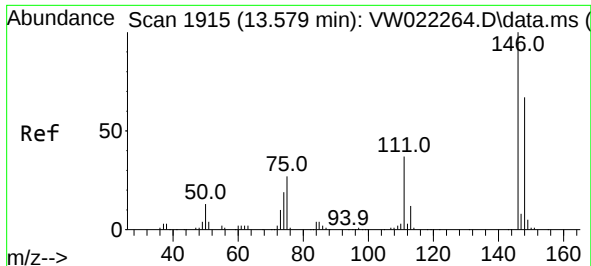
Tgt Ion:105 Resp: 191876
Ion Ratio Lower Upper
105 100
120 48.6 39.2 58.8



#64
1,3-Dichlorobenzene
Concen: 20.667 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion:146 Resp: 113271
Ion Ratio Lower Upper
146 100
111 38.0 26.9 49.9
148 69.3 41.6 77.2

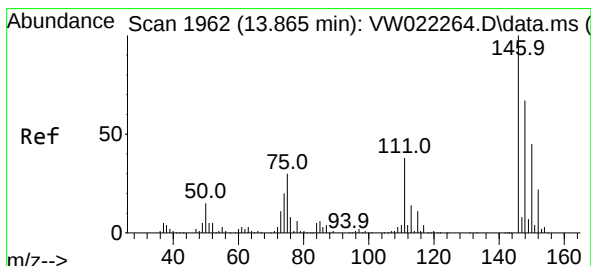
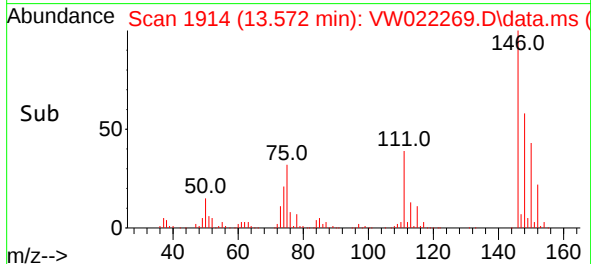
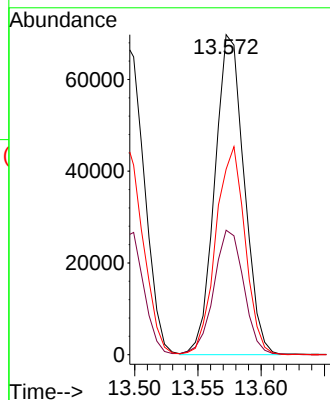
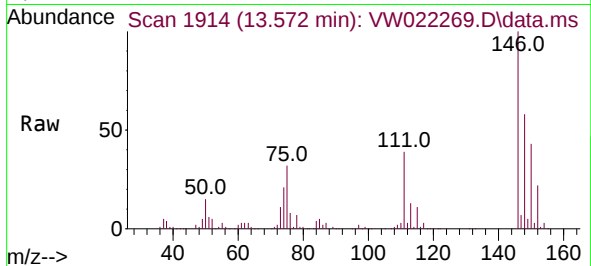




#65
1,4-Dichlorobenzene
Concen: 20.487 ug/L
RT: 13.572 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

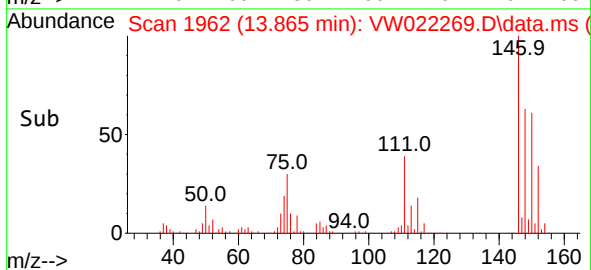
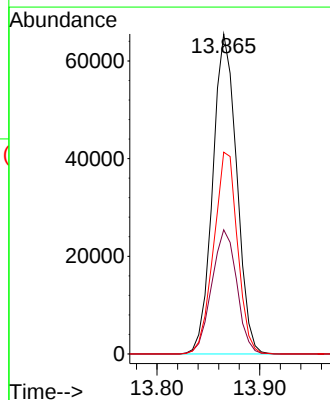
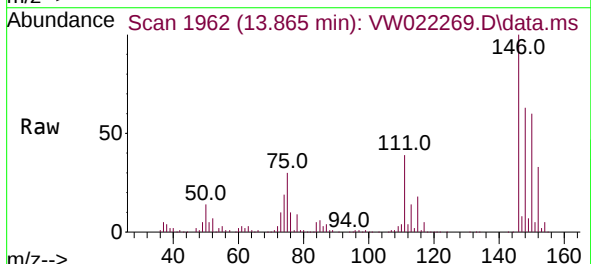
Instrument :
MSVOA_W
ClientSampleId :

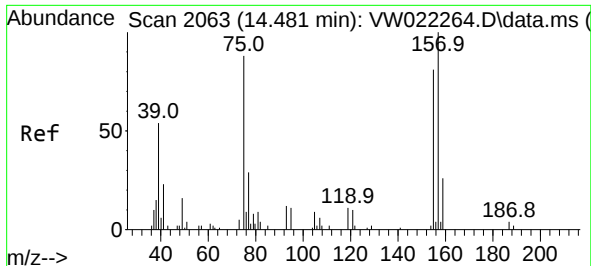
Tgt Ion:146 Resp: 112520
Ion Ratio Lower Upper
146 100
111 38.9 27.5 51.1
148 57.9 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 21.776 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Tgt Ion:146 Resp: 106107
Ion Ratio Lower Upper
146 100
111 38.8 34.8 52.2
148 63.1 50.4 75.6





#68

1,2-Dibromo-3-chloropropane

Concen: 18.848 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

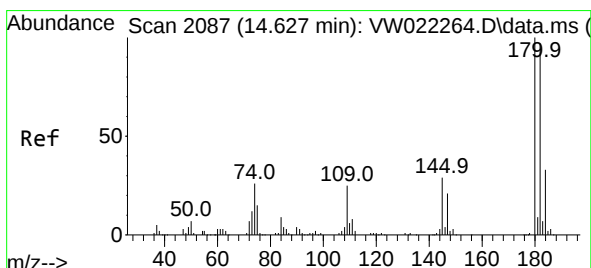
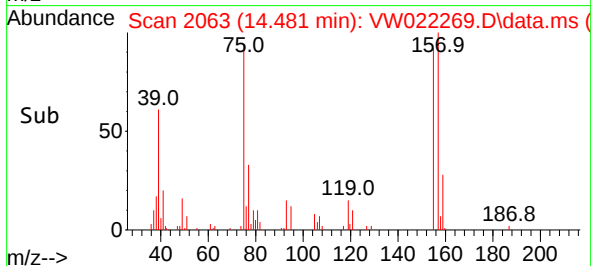
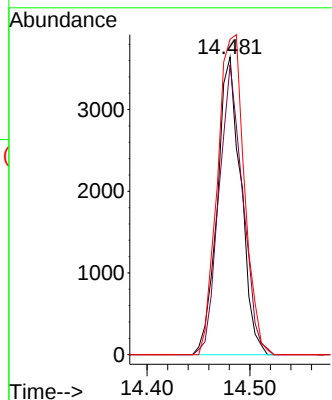
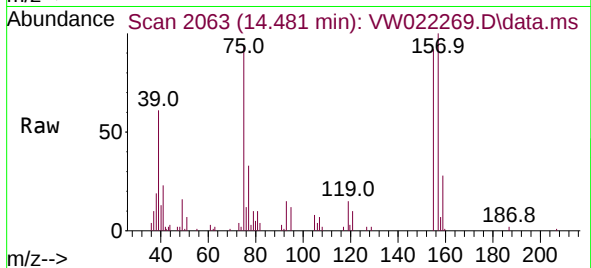
Tgt Ion: 75 Resp: 5788

Ion Ratio Lower Upper

75 100

155 97.4 58.2 87.2#

157 106.0 80.5 120.7



#69

1,3,5-Trichlorobenzene

Concen: 20.964 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW022269.D

Acq: 10 Mar 2022 13:28

Tgt Ion:180 Resp: 82469

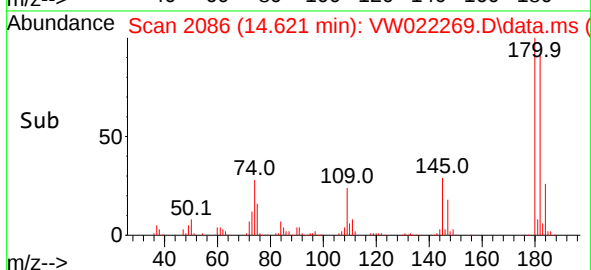
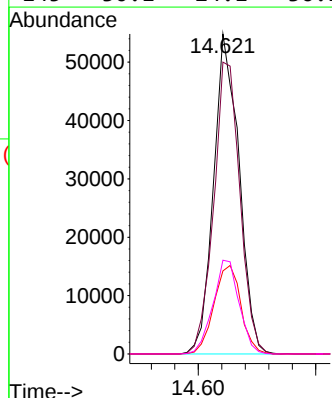
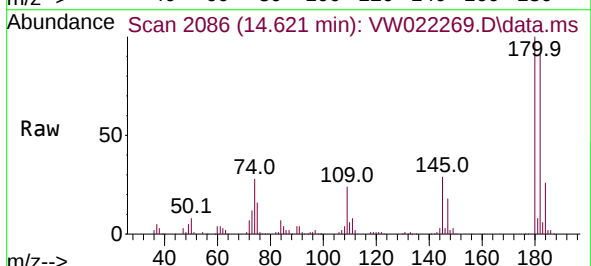
Ion Ratio Lower Upper

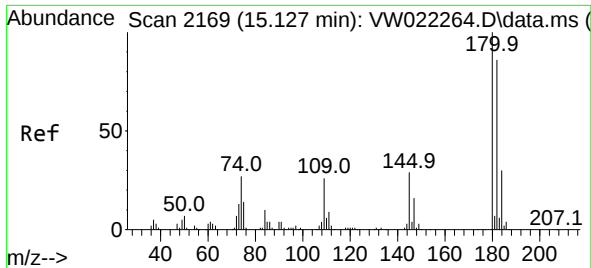
180 100

182 93.9 69.4 104.0

184 29.3 21.8 32.8

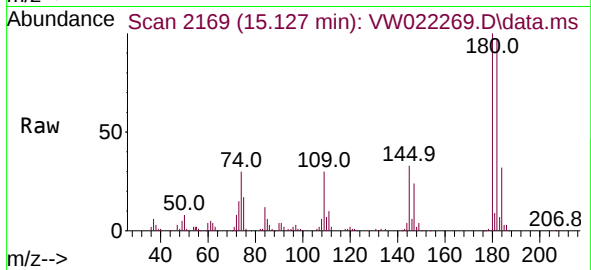
145 30.1 24.1 36.1



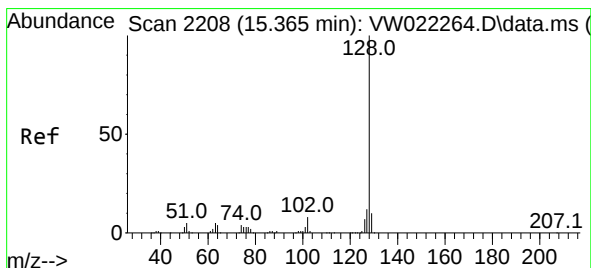
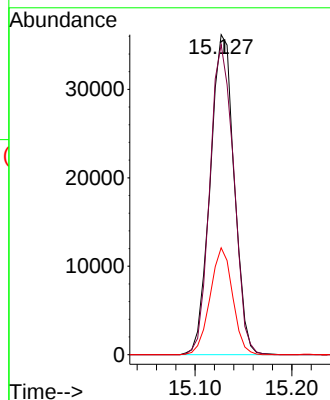
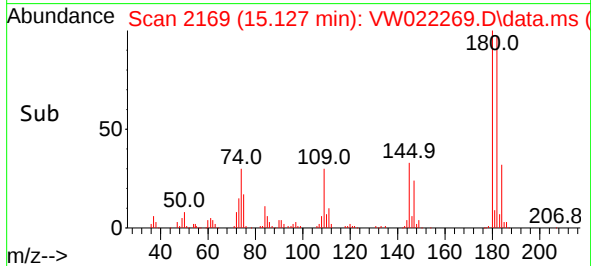


#70
1,2,4-trichlorobenzene
Concen: 20.983 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

Instrument :
MSVOA_W
ClientSampleId :

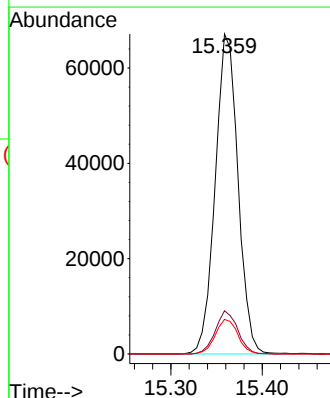
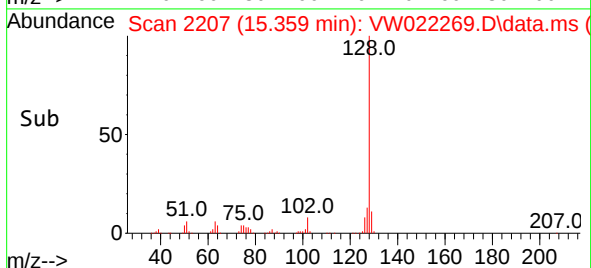
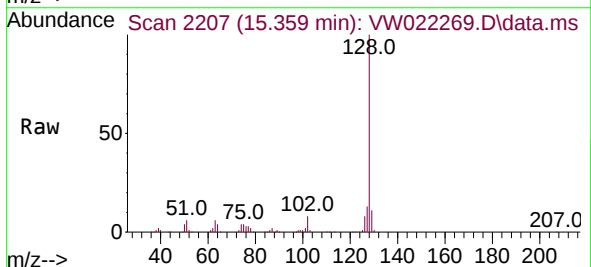


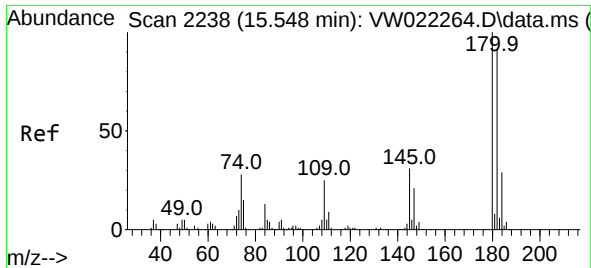
Tgt Ion:180 Resp: 62453
Ion Ratio Lower Upper
180 100
182 96.2 77.8 116.6
145 31.3 25.8 38.6



#71
Naphthalene
Concen: 22.141 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW022269.D
Acq: 10 Mar 2022 13:28

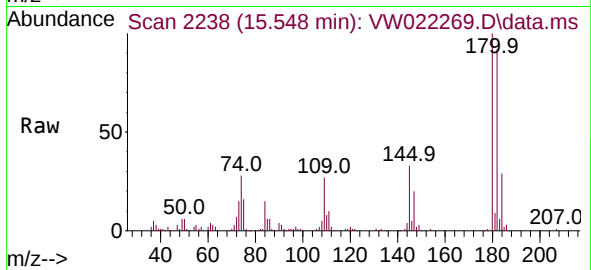
Tgt Ion:128 Resp: 116334
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.6
129 10.7 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 22.092 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW022269.D
 Acq: 10 Mar 2022 13:28

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	56876
Ion Ratio	Lower	Upper	
180	100		
182	89.4	79.0	118.4
145	32.2	28.0	42.0

