

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021272.D
 Acq On : 10 Dec 2021 08:45
 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 10 22:02:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107649	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100076	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	49385	25.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.760%	
7) Chloroethane-d5	2.879	69	32277	24.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 99.600%	
11) 1,1-Dichloroethene-d2	4.019	63	62047	23.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.960%	
21) 2-Butanone-d5	7.098	46	9738	35.236	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 70.480%	
24) Chloroform-d	7.647	84	64913	21.638	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 86.560%	
26) 1,2-Dichloroethane-d4	8.305	65	31966	20.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 80.120%	
32) Benzene-d6	8.275	84	120607	21.986	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 87.960%	
36) 1,2-Dichloropropane-d6	9.274	67	32446	22.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 88.200%	
41) Toluene-d8	10.323	98	120507	21.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 86.000%	
43) trans-1,3-Dichloroprop...	10.579	79	14459	21.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 85.400%	
47) 2-Hexanone-d5	10.927	63	8243	37.891	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 75.780%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28348	22.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 89.680%	
66) 1,2-Dichlorobenzene-d4	13.853	152	50960	20.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 82.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	9145	21.987	ug/L	99
3) Chloromethane	2.203	50	33318	24.196	ug/L	97
5) Vinyl chloride	2.355	62	55645	25.741	ug/L	98
6) Bromomethane	2.776	94	33200	23.678	ug/L	99
8) Chloroethane	2.916	64	25863	25.970	ug/L	98
9) Trichlorofluoromethane	3.251	101	31275	27.420	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35904	24.154	ug/L	91
12) 1,1-Dichloroethene	4.038	96	32158	24.100	ug/L	74
13) Acetone	4.160	43	8548	34.502	ug/L	74
14) Carbon disulfide	4.379	76	86998	25.247	ug/L	100
15) Methyl Acetate	4.684	43	8555	20.013	ug/L	# 86
16) Methylene chloride	4.909	84	31832	17.896	ug/L	85
17) trans-1,2-Dichloroethene	5.422	96	33762	23.368	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	43740	21.920	ug/L	# 83
19) 1,1-Dichloroethane	6.214	63	51909	22.896	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	34401	22.575	ug/L	70
22) 2-Butanone	7.183	43	12374	38.245	ug/L	86
23) Bromochloromethane	7.519	128	16344	22.938	ug/L	# 64
25) Chloroform	7.677	83	58685	22.298	ug/L	98

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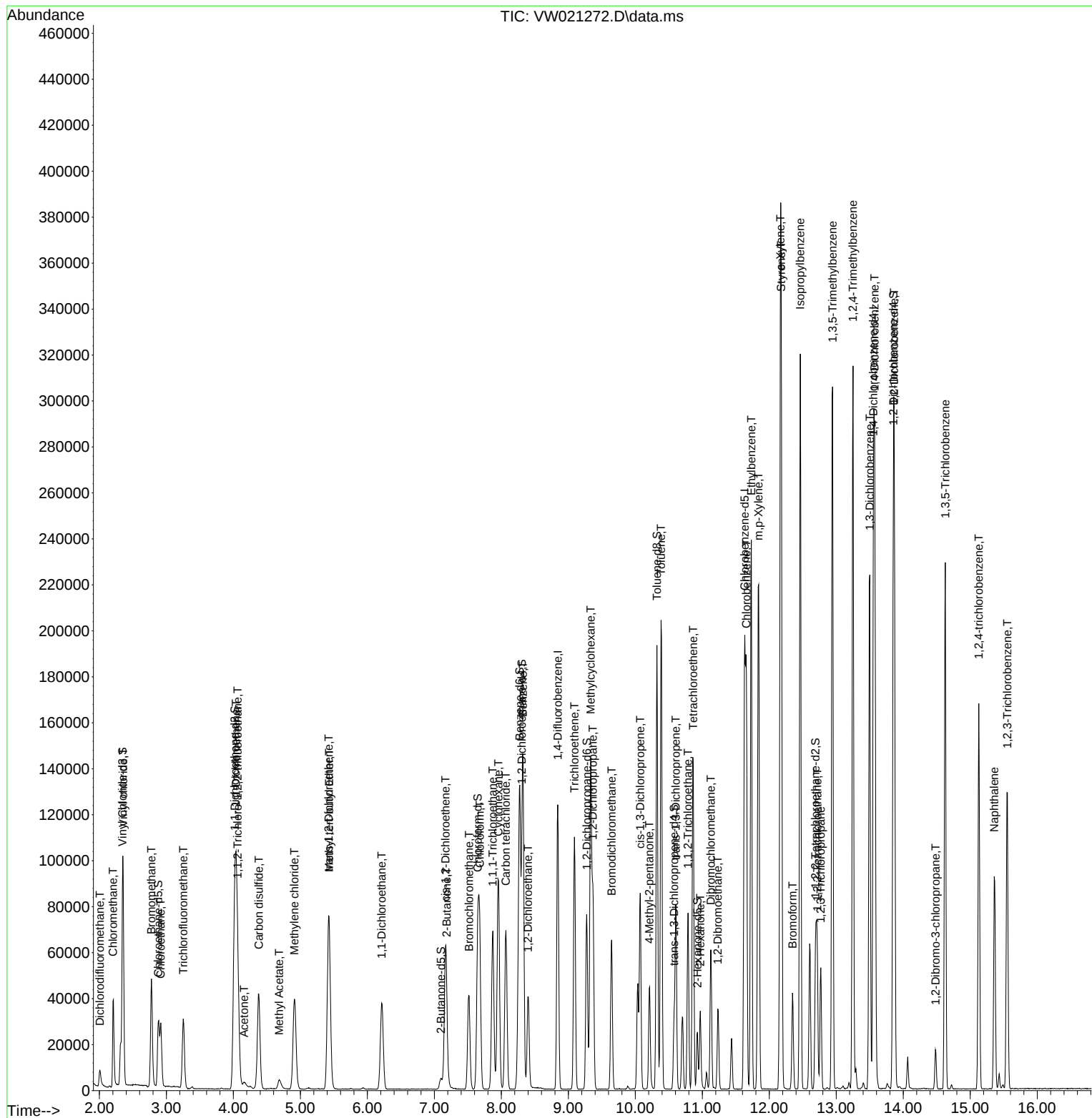
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	36291	21.775	ug/L	96
29) Cyclohexane	7.958	56	46927	23.559	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	54166	24.123	ug/L	95
31) Carbon tetrachloride	8.067	117	52456	25.324	ug/L	99
33) Benzene	8.323	78	126196	23.148	ug/L	100
34) Trichloroethene	9.092	95	35632	23.283	ug/L	93
35) Methylcyclohexane	9.335	83	59002	23.372	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	28054	23.070	ug/L #	96
38) Bromodichloromethane	9.646	83	41434	24.782	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	45979	23.986	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	28038	42.316	ug/L #	92
42) Toluene	10.384	91	146679	23.005	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	39803	23.707	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	23121	23.230	ug/L	93
46) Tetrachloroethene	10.866	164	32190	22.142	ug/L	95
48) 2-Hexanone	10.969	43	20522	42.710	ug/L #	93
49) Dibromochloromethane	11.128	129	30547	24.896	ug/L	100
50) 1,2-Dibromoethane	11.231	107	22451	22.666	ug/L	99
51) Chlorobenzene	11.658	112	93199	21.833	ug/L	91
52) Ethylbenzene	11.731	91	164134	22.527	ug/L	97
53) m,p-Xylene	11.841	106	71162	24.210	ug/L	86
54) o-Xylene	12.164	106	67914	24.346	ug/L	86
55) Styrene	12.176	104	120339	25.348	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.719	83	27184	23.826	ug/L #	98
59) Bromoform	12.347	173	18288	24.152	ug/L	100
60) Isopropylbenzene	12.463	105	195694	22.631	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	19356	20.899	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	164705	22.383	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	162115	22.333	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	94183	23.091	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	91097	22.480	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	80430	22.398	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3973	20.797	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	71975	23.610	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	52781	21.526	ug/L	92
71) Naphthalene	15.359	128	80695	20.256	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	44515	21.967	ug/L	98

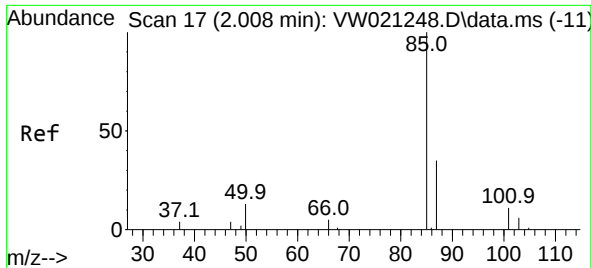
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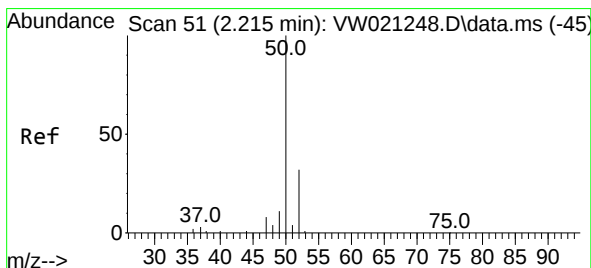
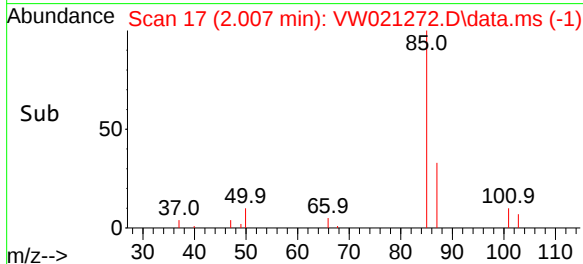
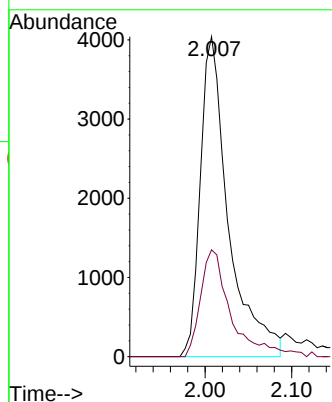
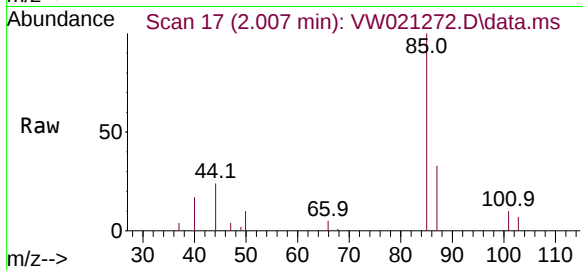




#2
Dichlorodifluoromethane
Concen: 21.987 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

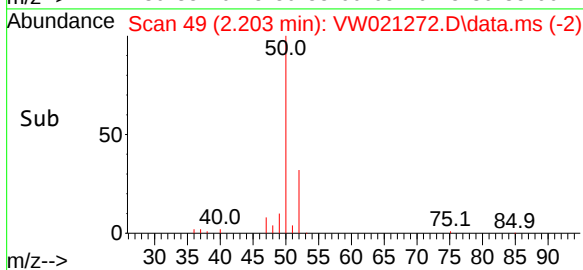
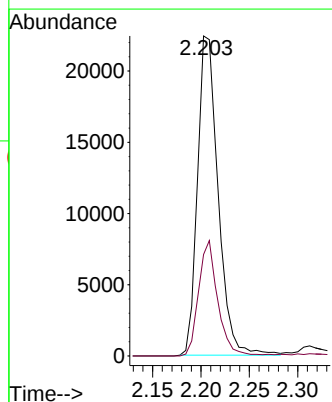
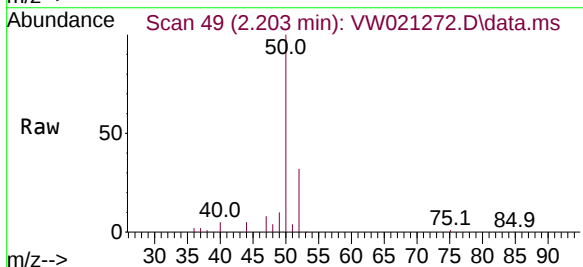
Instrument :
MSVOA_W
ClientSampleId :

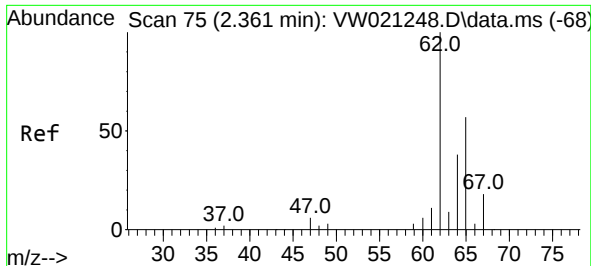
Tgt Ion: 85 Resp: 9145
Ion Ratio Lower Upper
85 100
87 33.0 25.8 38.6



#3
Chloromethane
Concen: 24.196 ug/L
RT: 2.203 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 50 Resp: 33318
Ion Ratio Lower Upper
50 100
52 31.7 23.4 43.6

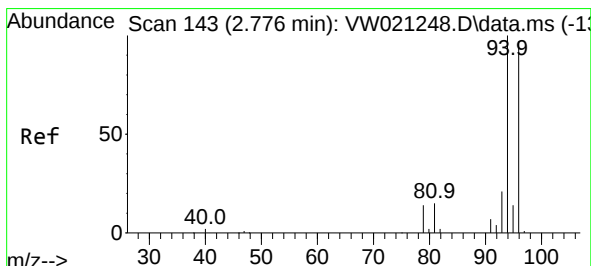
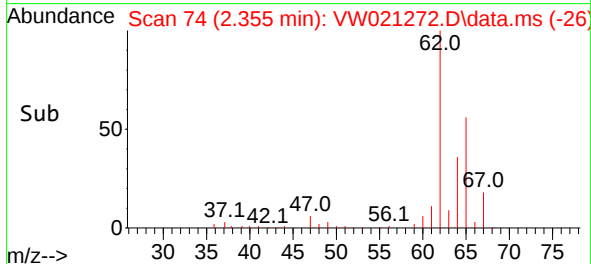
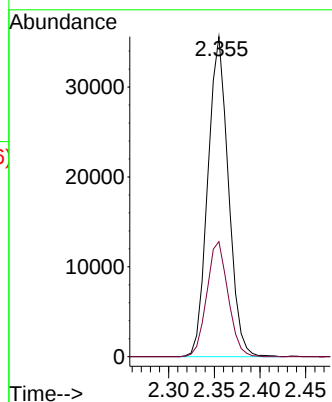
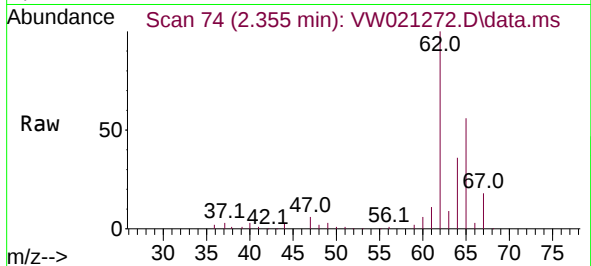




#5
 Vinyl chloride
 Concen: 25.741 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021272.D
 Acq: 10 Dec 2021 08:45

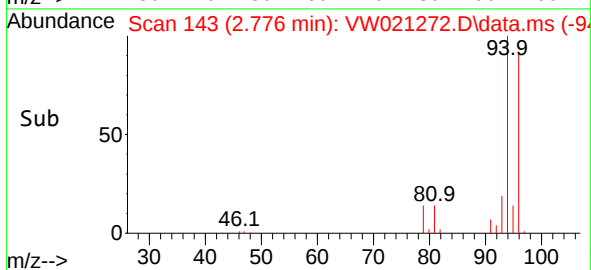
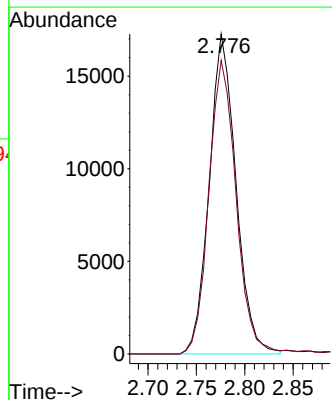
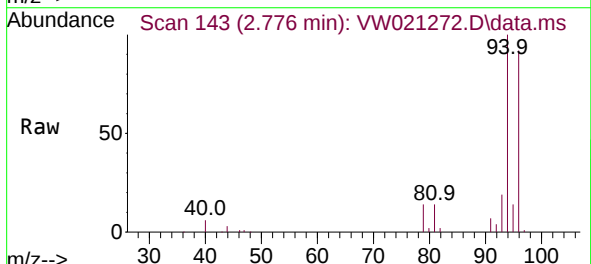
Instrument :
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 ClientSampleId :

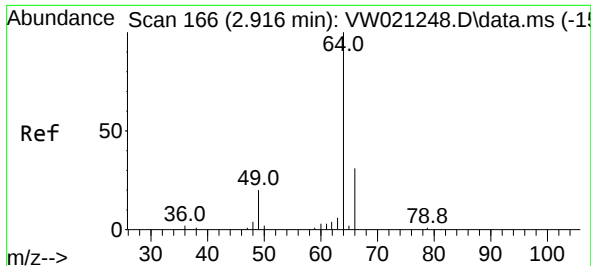
Tgt Ion: 62 Resp: 55645
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 23.678 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021272.D
 Acq: 10 Dec 2021 08:45

Tgt Ion: 94 Resp: 33200
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.8 120.4

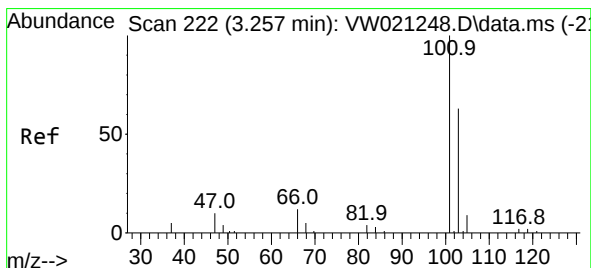
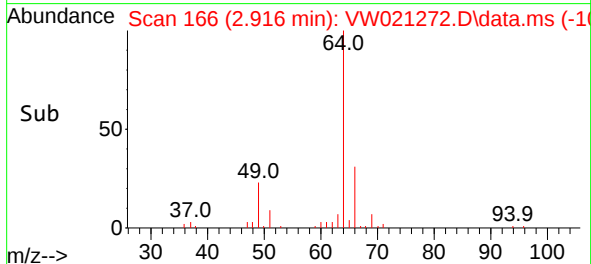
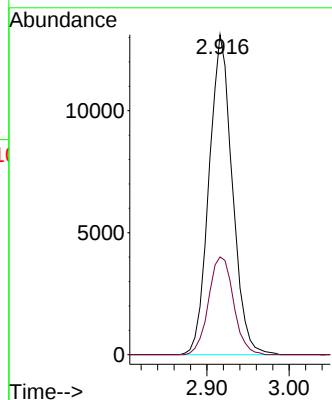
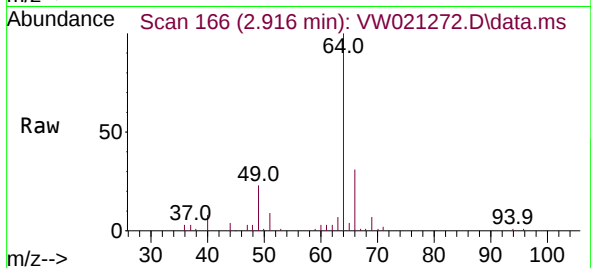




#8
Chloroethane
Concen: 25.970 ug/L
RT: 2.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

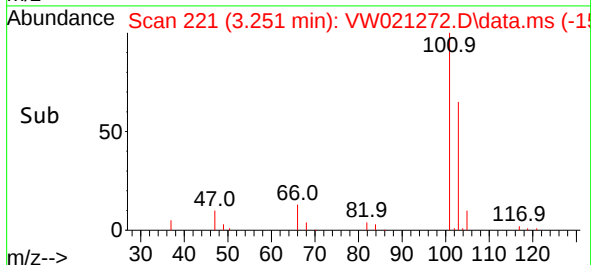
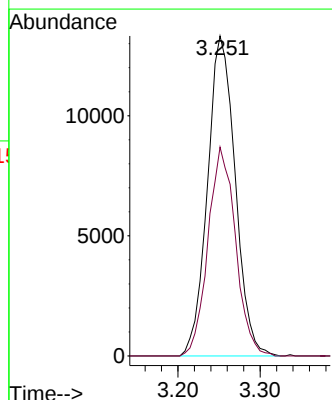
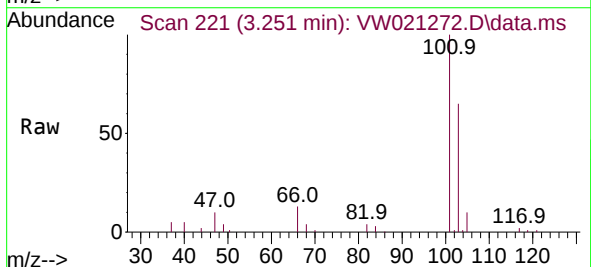
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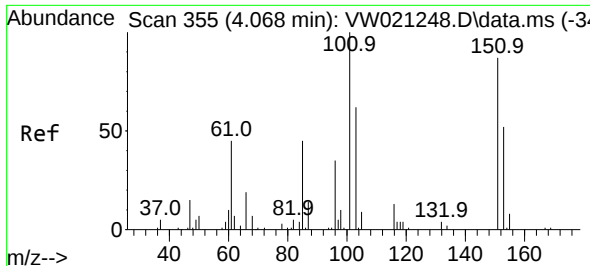
Tgt Ion: 64 Resp: 25863
Ion Ratio Lower Upper
64 100
66 30.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 27.420 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

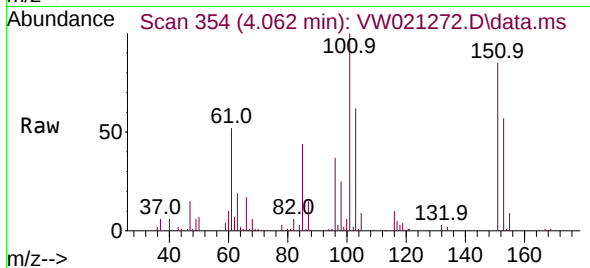
Tgt Ion:101 Resp: 31275
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2



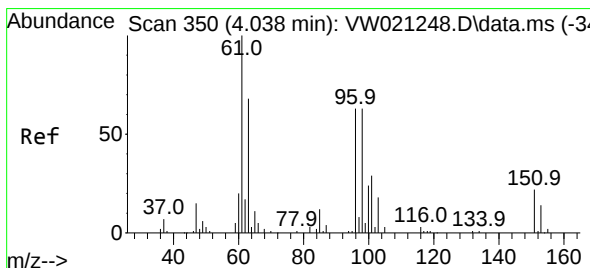
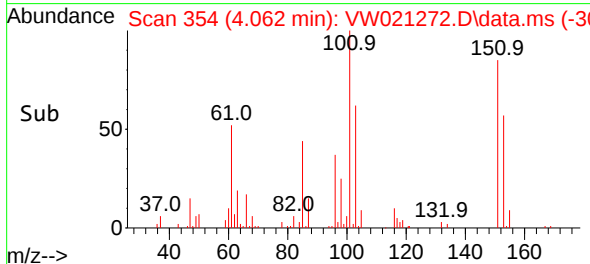
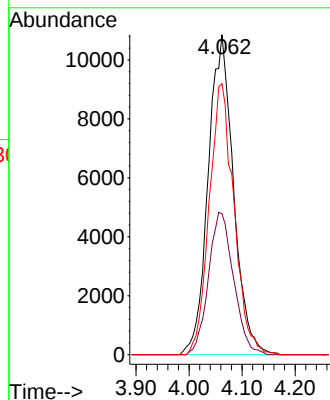


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.154 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021272.D
 Acq: 10 Dec 2021 08:45

Instrument :
 MSVOA_W
 ClientSampleId :

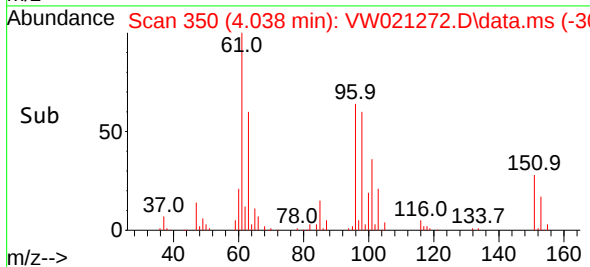
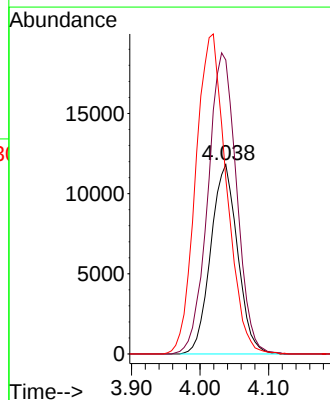
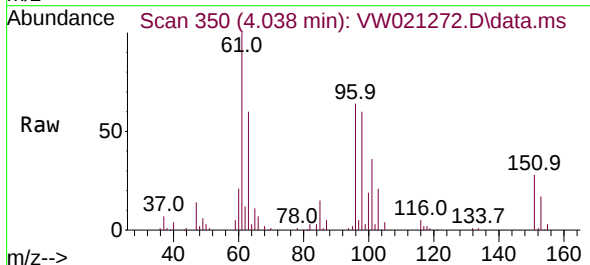


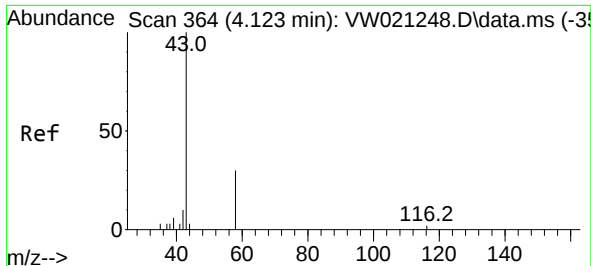
Tgt Ion:101 Resp: 35904
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 83.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.100 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW021272.D
 Acq: 10 Dec 2021 08:45

Tgt Ion: 96 Resp: 32158
 Ion Ratio Lower Upper
 96 100
 61 155.2 138.3 256.9
 63 92.6 82.6 153.4





#13

Acetone

Concen: 34.502 ug/L

RT: 4.160 min Scan# 31

Delta R.T. 0.036 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

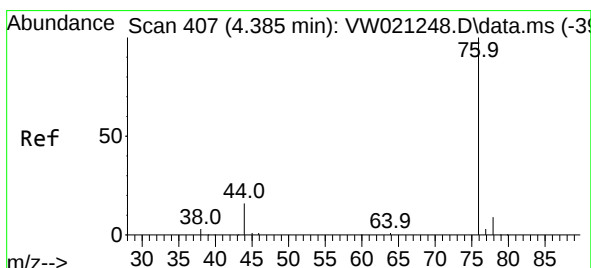
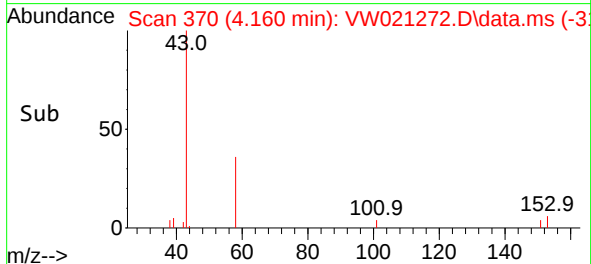
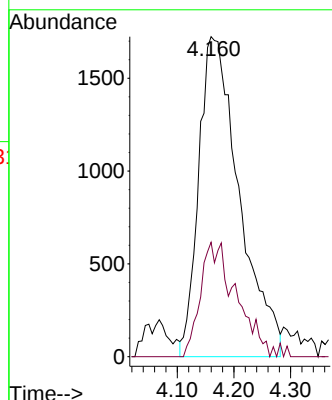
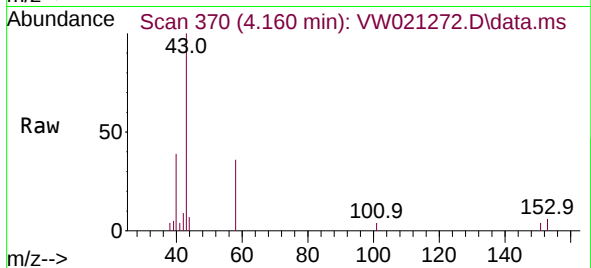
ClientSampleId :

Tgt Ion: 43 Resp: 8548

Ion Ratio Lower Upper

43 100

58 13.2 0.0 52.8



#14

Carbon disulfide

Concen: 25.247 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021272.D

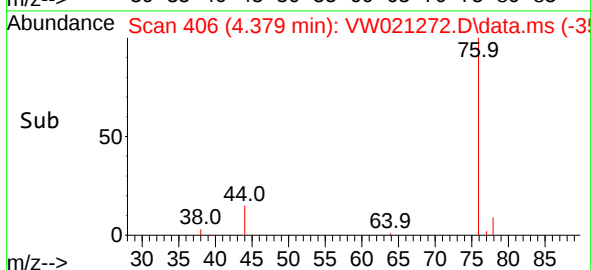
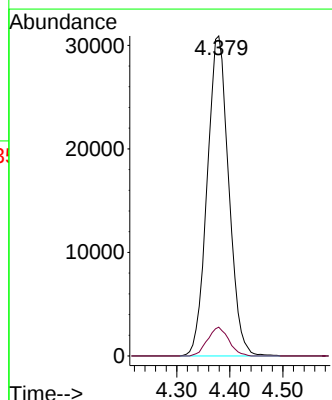
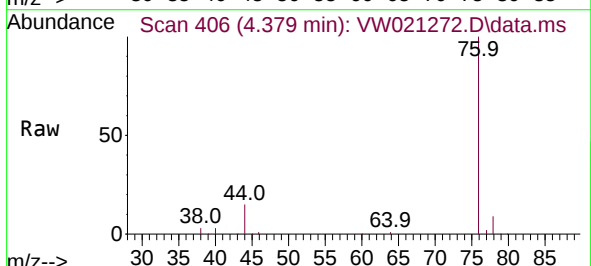
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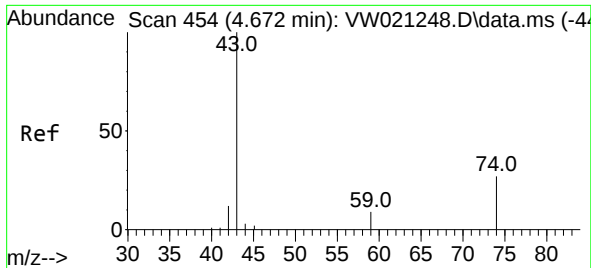
Tgt Ion: 76 Resp: 86998

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

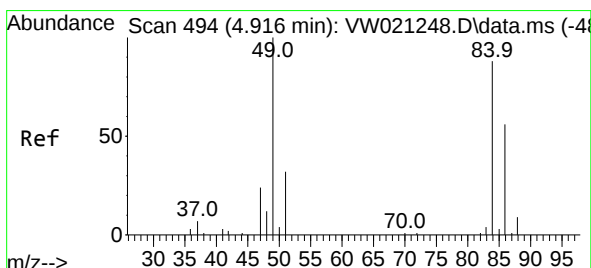
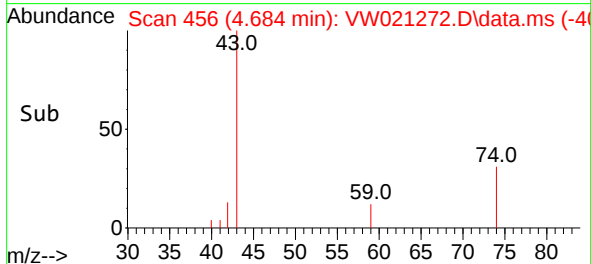
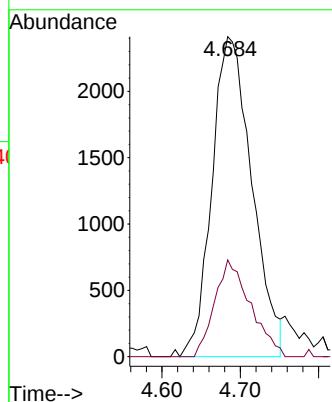
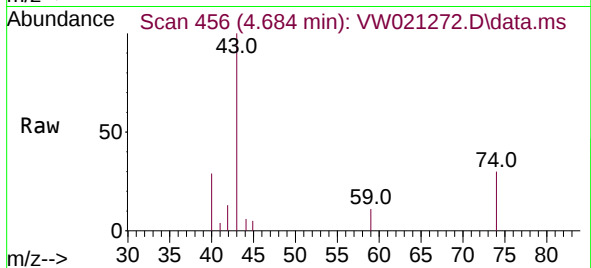




#15
Methyl Acetate
Concen: 20.013 ug/L
RT: 4.684 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

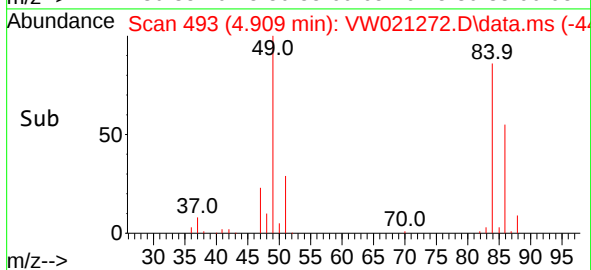
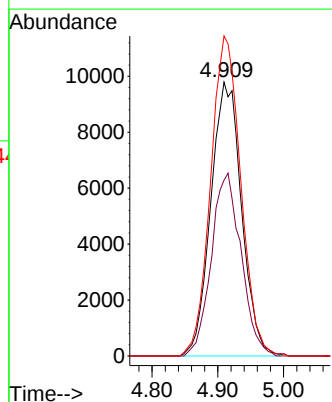
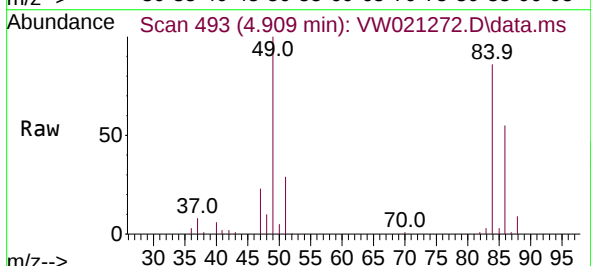
Instrument :
MSVOA_W
ClientSampleId :

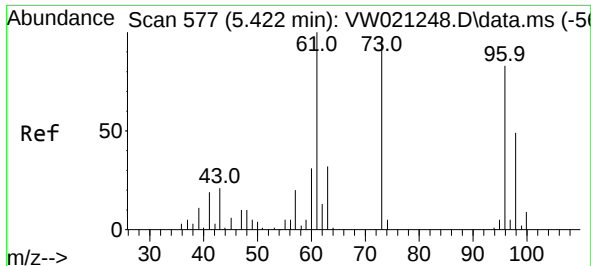
Tgt Ion: 43 Resp: 8555
Ion Ratio Lower Upper
43 100
74 27.0 16.4 24.6#



#16
Methylene chloride
Concen: 17.896 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 84 Resp: 31832
Ion Ratio Lower Upper
84 100
86 64.2 45.5 84.5
49 116.9 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.368 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

ClientSampleId :

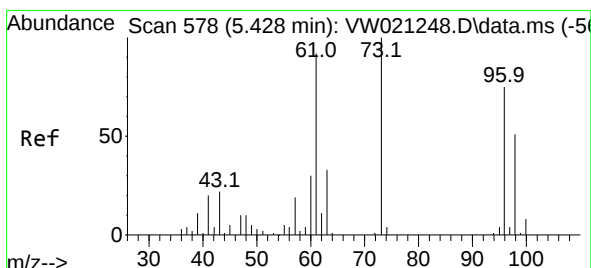
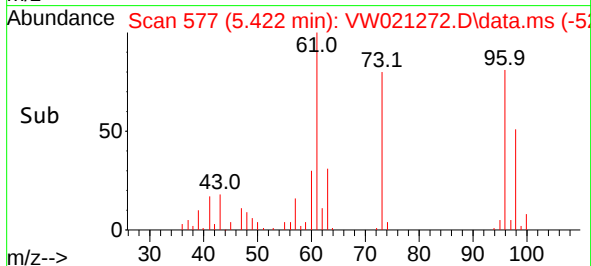
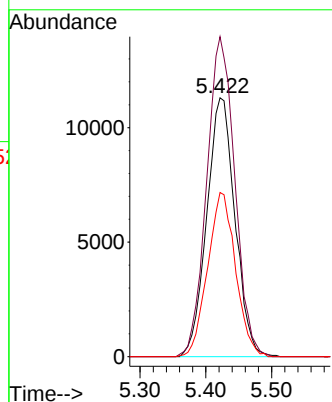
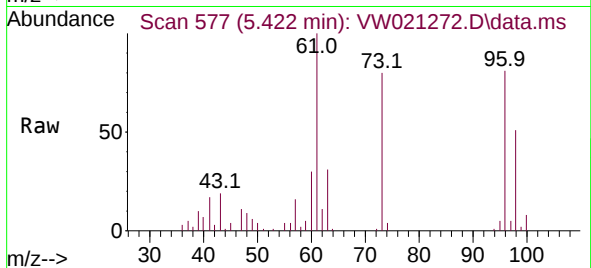
Tgt Ion: 96 Resp: 33762

Ion Ratio Lower Upper

96 100

61 123.6 107.4 199.4

98 63.4 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 21.920 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

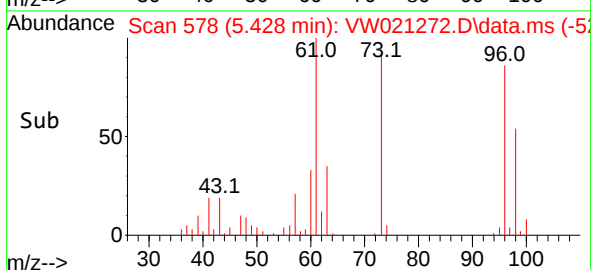
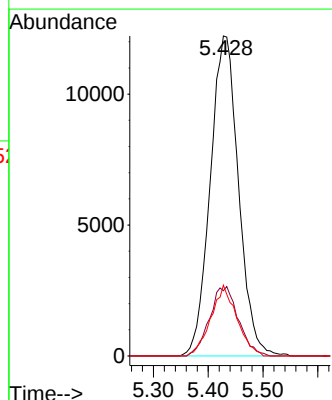
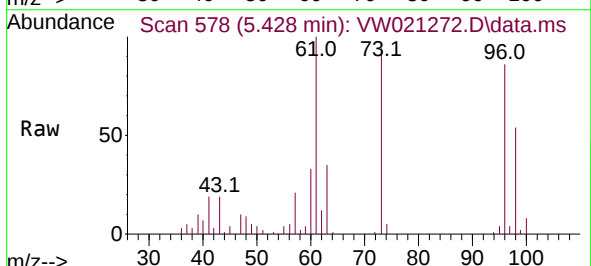
Tgt Ion: 73 Resp: 43740

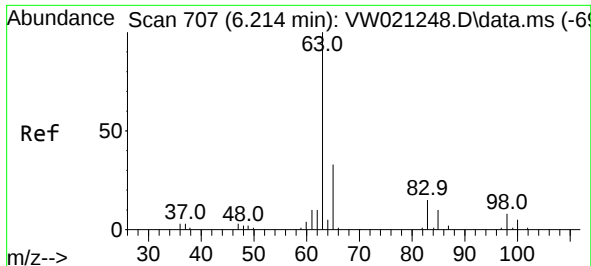
Ion Ratio Lower Upper

73 100

43 11.6 19.5 29.3#

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.896 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021272.D

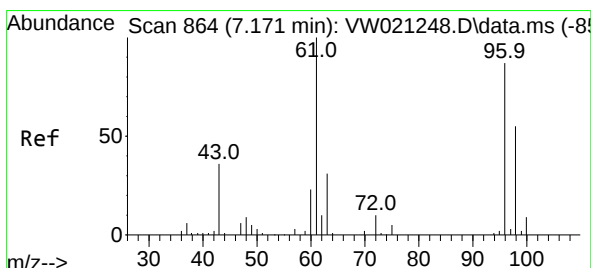
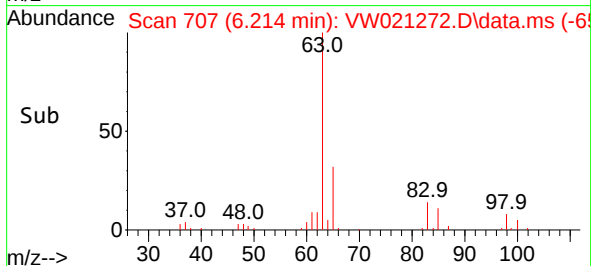
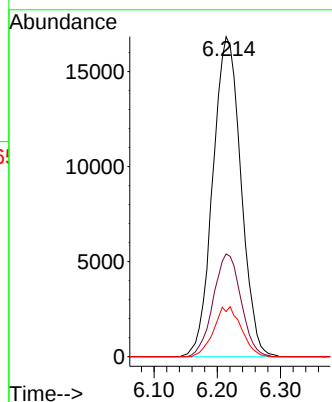
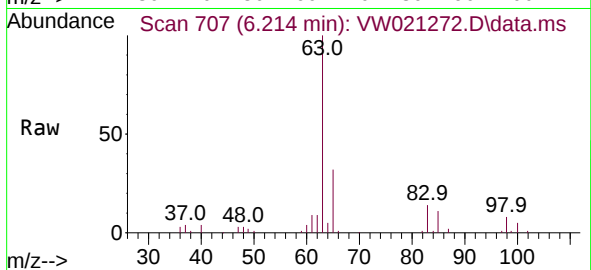
Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 51909
Ion Ratio	Lower Upper
63	100
65	32.1 22.1 41.1
83	14.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.575 ug/L

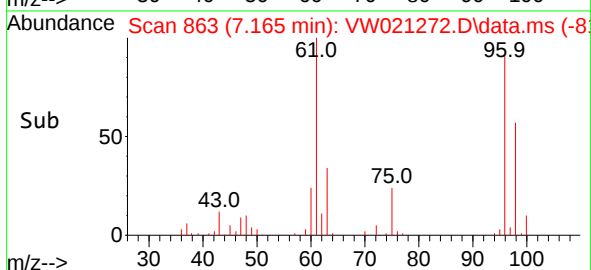
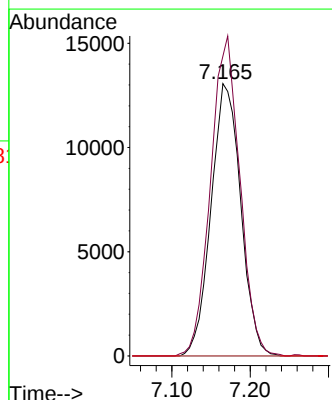
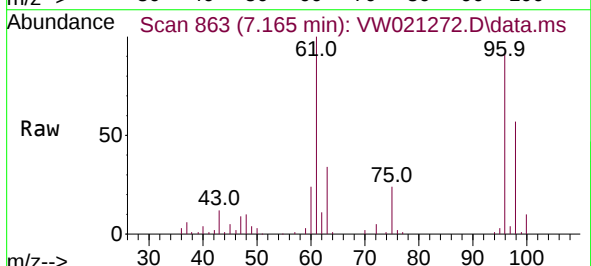
RT: 7.165 min Scan# 863

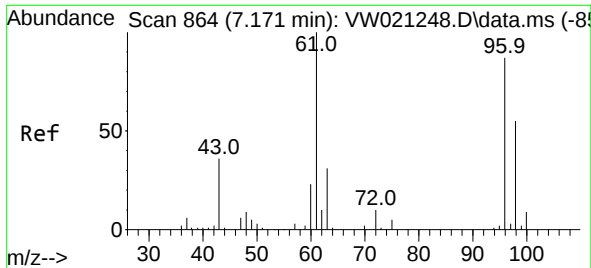
Delta R.T. -0.006 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Tgt Ion: 96	Resp: 34401
Ion Ratio	Lower Upper
96	100
61	110.1 103.7 192.7
68	0.0 0.0 0.0

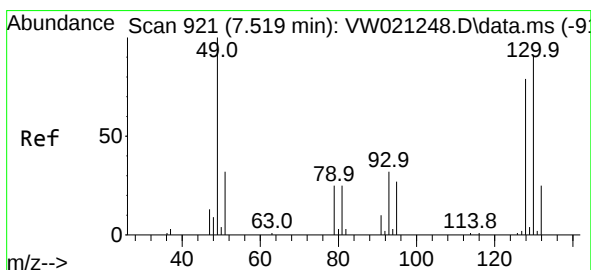
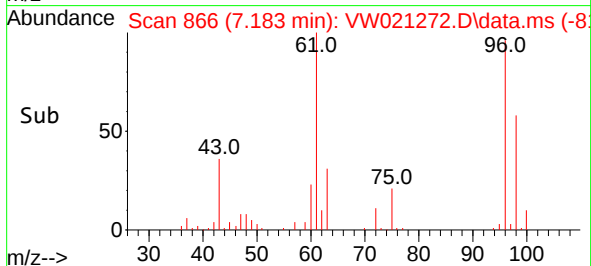
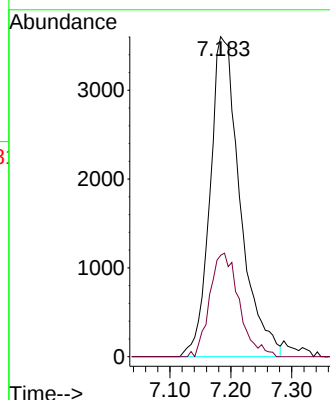
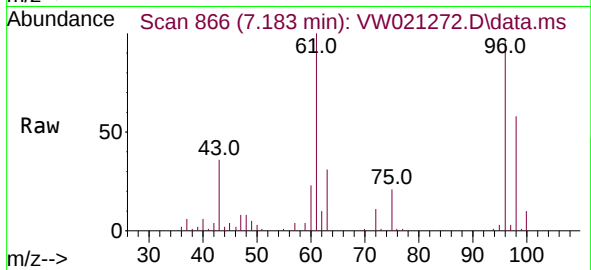




#22
2-Butanone
Concen: 38.245 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

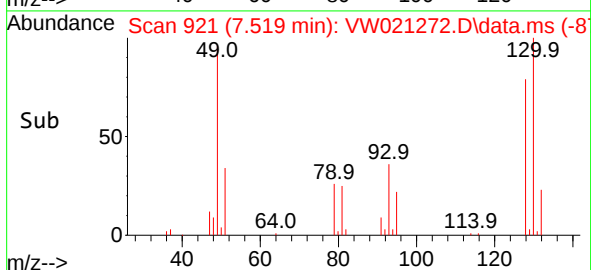
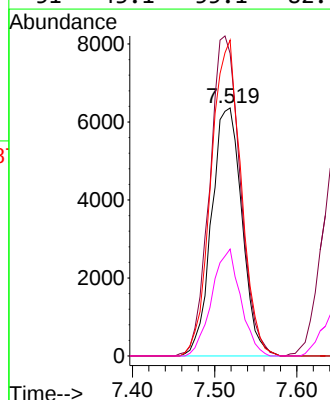
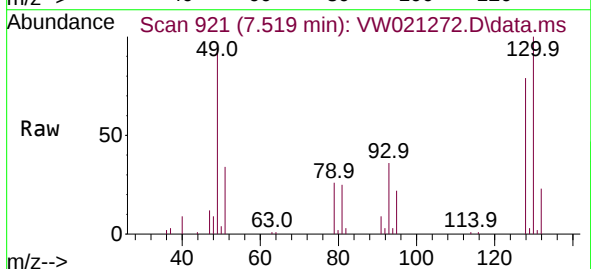
Instrument :
MSVOA_W
ClientSampleId :

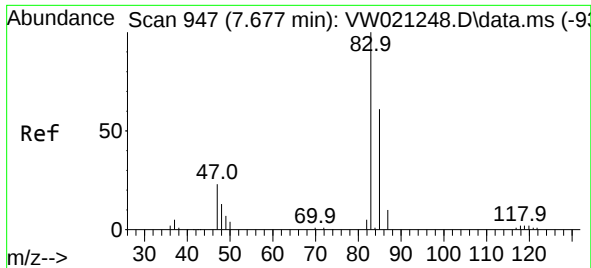
Tgt Ion: 43 Resp: 12374
Ion Ratio Lower Upper
43 100
72 30.5 11.8 35.4



#23
Bromochloromethane
Concen: 22.938 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 128 Resp: 16344
Ion Ratio Lower Upper
128 100
49 122.0 150.3 279.1#
130 127.4 88.3 163.9
51 43.1 55.1 82.7#

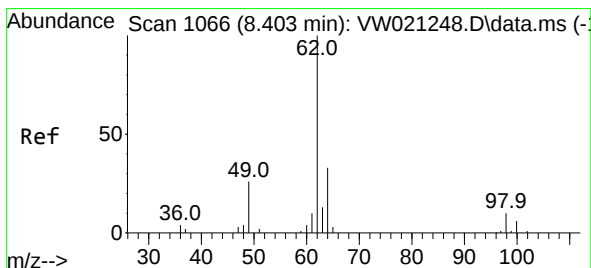
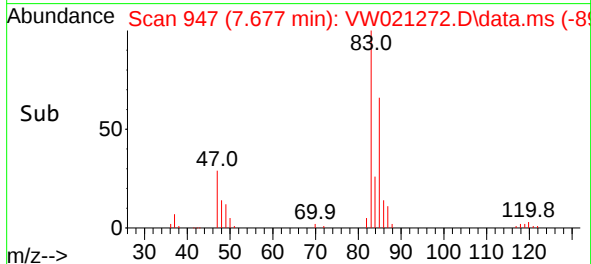
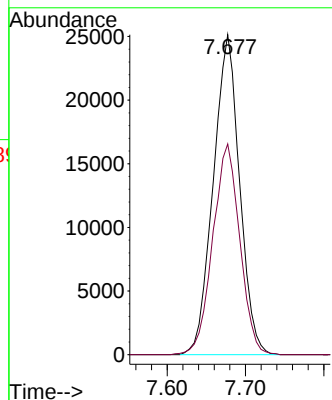
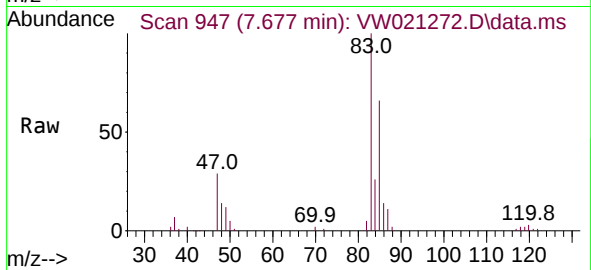




#25
Chloroform
Concen: 22.298 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

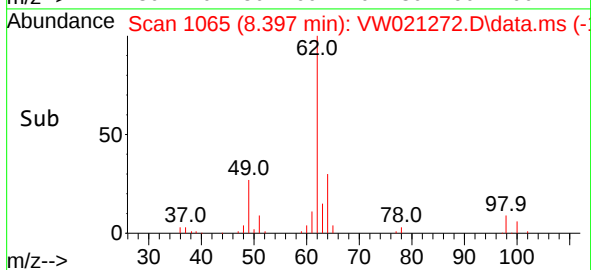
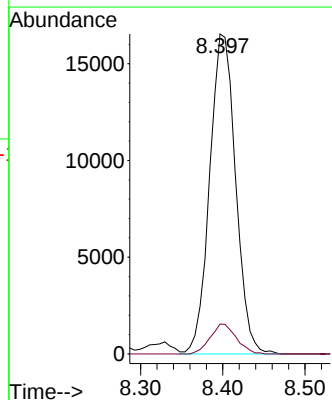
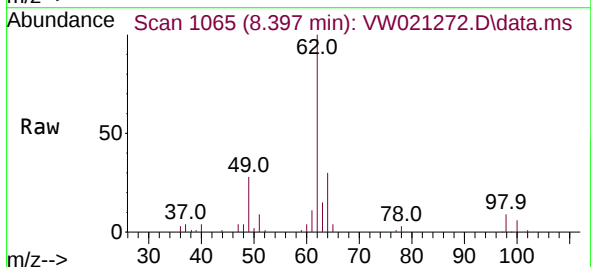
Instrument :
MSVOA_W
ClientSampleId :

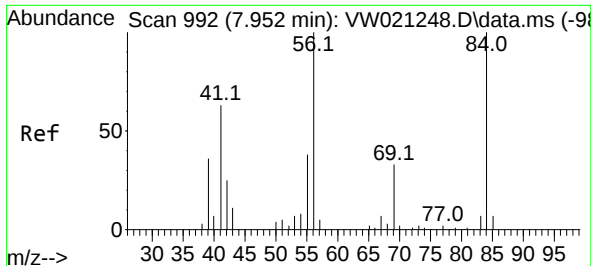
Tgt Ion: 83 Resp: 58685
Ion Ratio Lower Upper
83 100
85 65.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.775 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 62 Resp: 36291
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7





#29

Cyclohexane

Concen: 23.559 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

ClientSampleId :

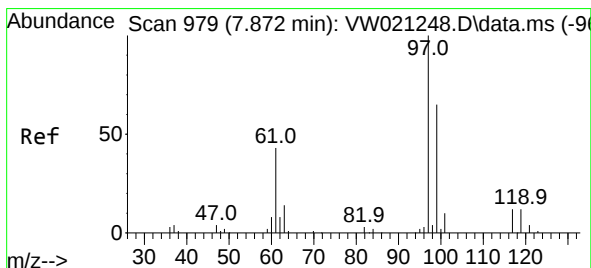
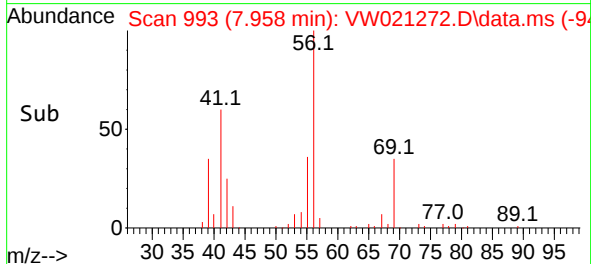
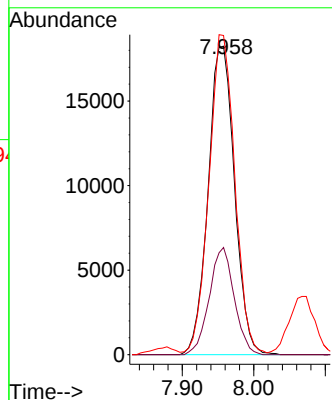
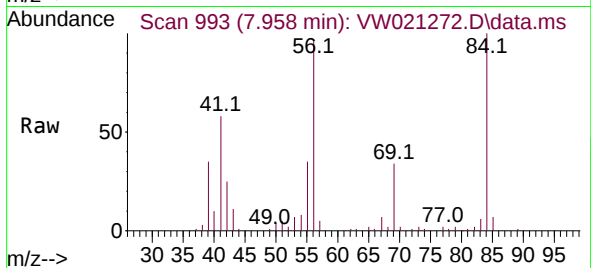
Tgt Ion: 56 Resp: 46927

Ion Ratio Lower Upper

56 100

69 32.7 23.5 35.3

84 101.7 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.123 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

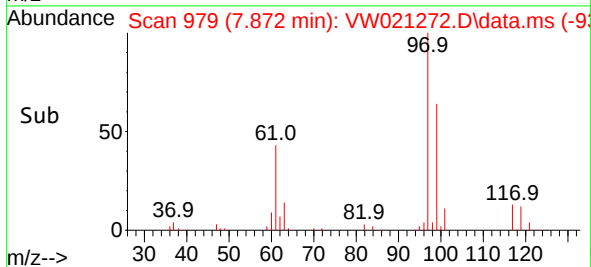
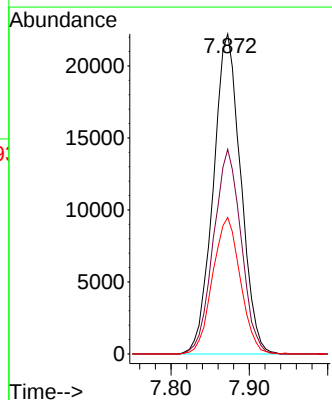
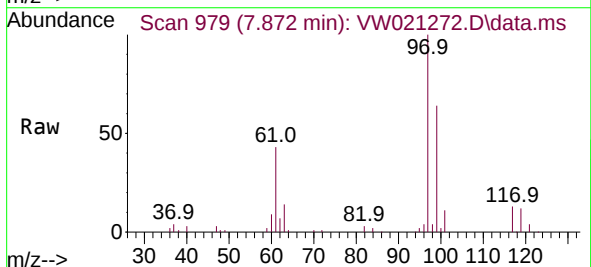
Tgt Ion: 97 Resp: 54166

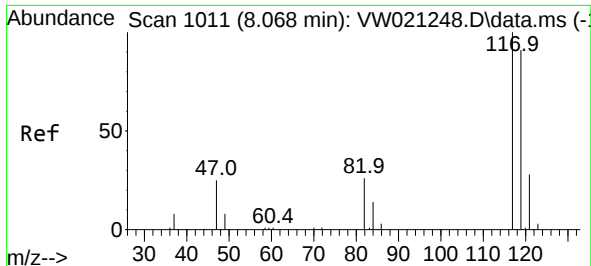
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

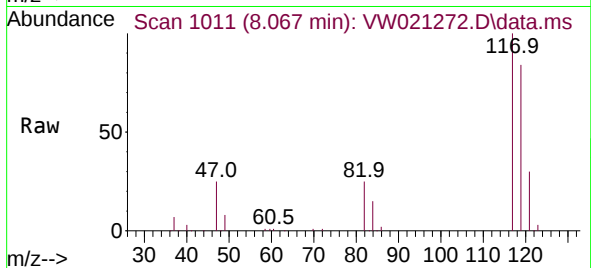
61 43.1 40.9 61.3



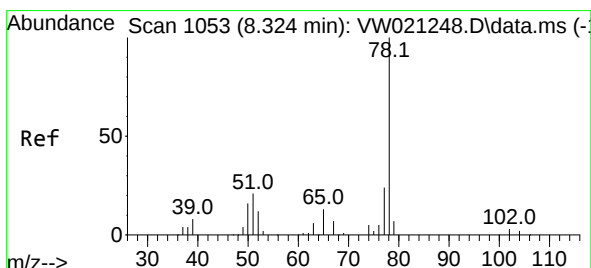
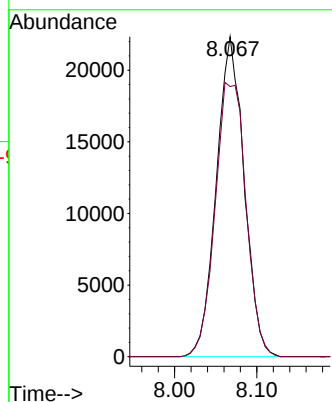
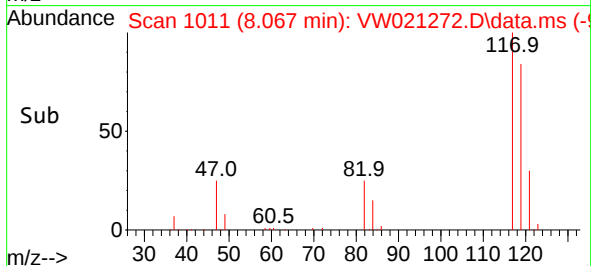


#31
Carbon tetrachloride
Concen: 25.324 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Instrument :
MSVOA_W
ClientSampleId :

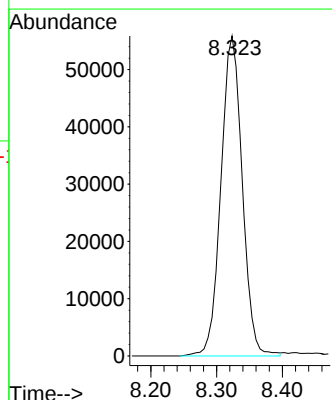
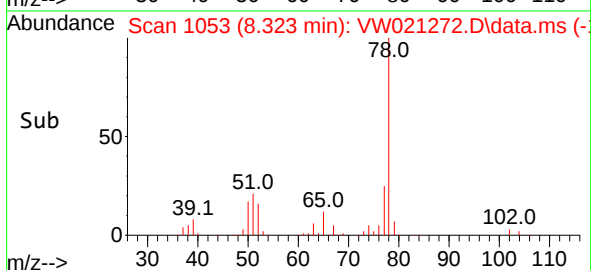
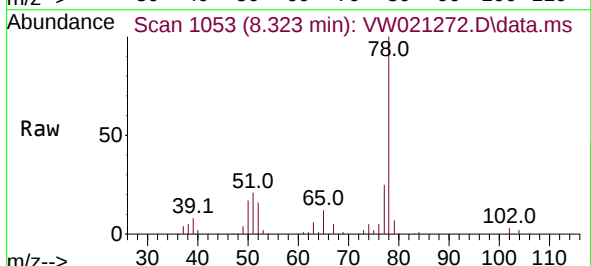


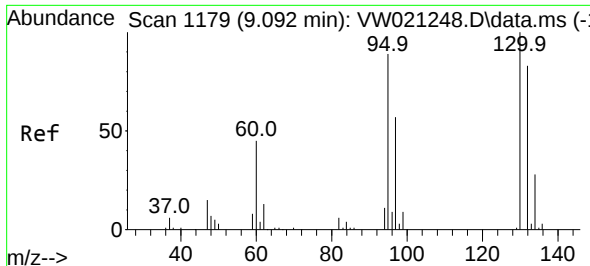
Tgt Ion:117 Resp: 52456
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5



#33
Benzene
Concen: 23.148 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 78 Resp: 126196

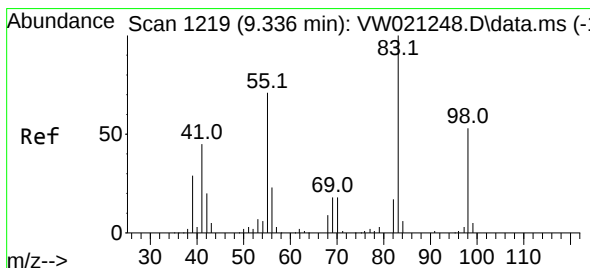
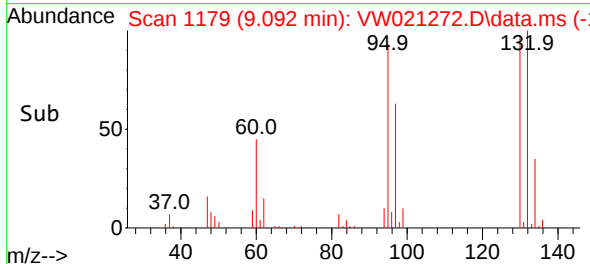
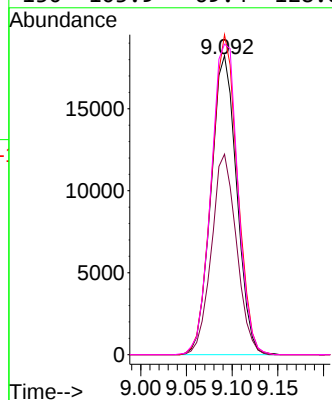
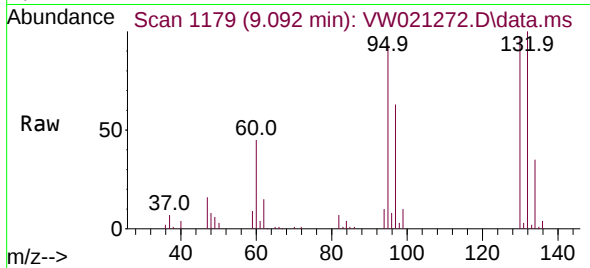




#34
Trichloroethene
Concen: 23.283 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

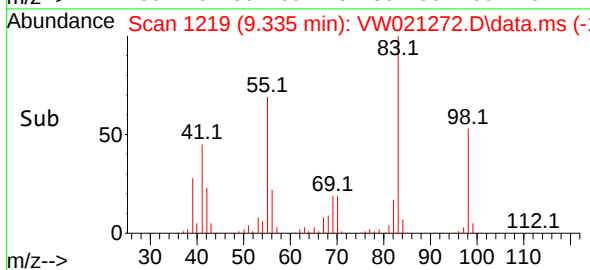
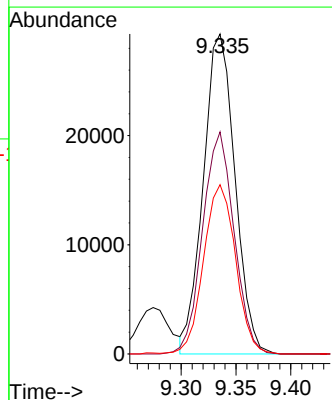
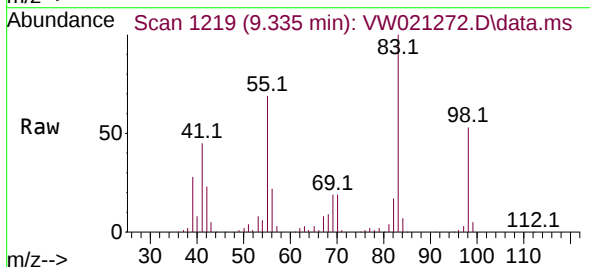
Instrument :
MSVOA_W
ClientSampleId :

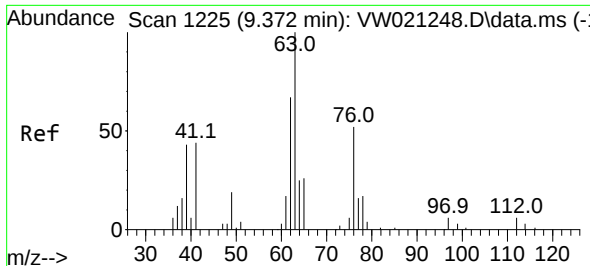
Tgt Ion: 95 Resp: 35632
Ion Ratio Lower Upper
95 100
97 67.1 47.0 87.2
132 107.0 65.5 121.6
130 103.9 69.4 128.8



#35
Methylcyclohexane
Concen: 23.372 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 83 Resp: 59002
Ion Ratio Lower Upper
83 100
55 68.9 70.8 106.2#
98 53.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.070 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

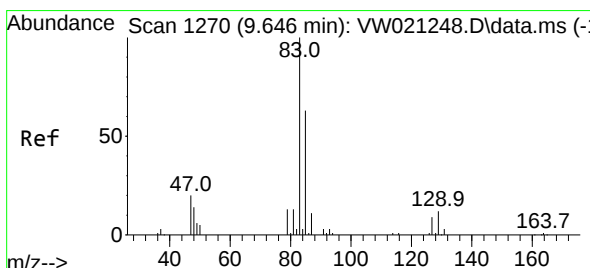
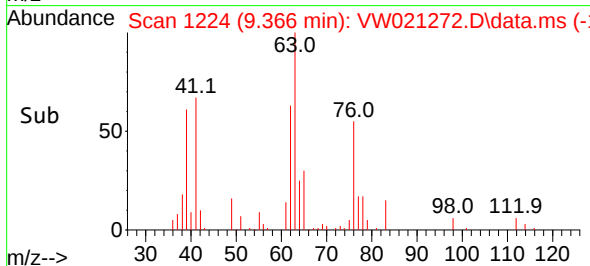
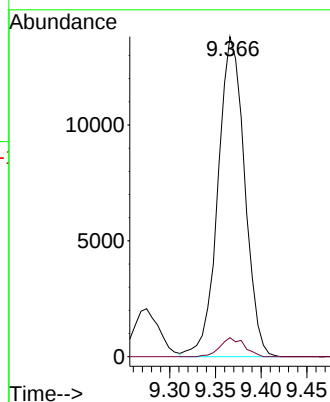
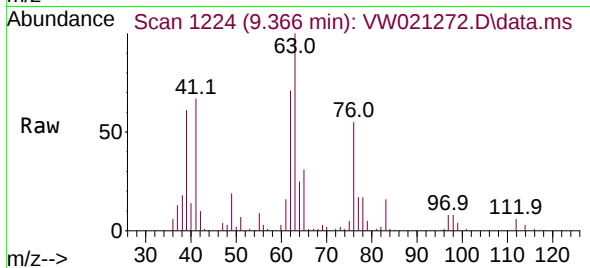
ClientSampleId :

Tgt Ion: 63 Resp: 28054

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.782 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

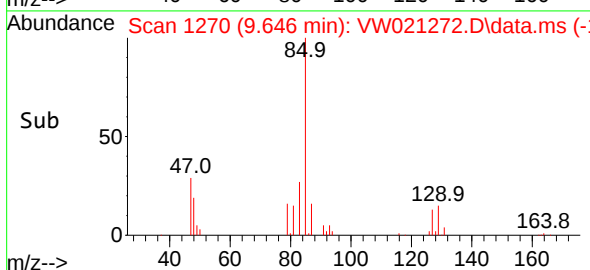
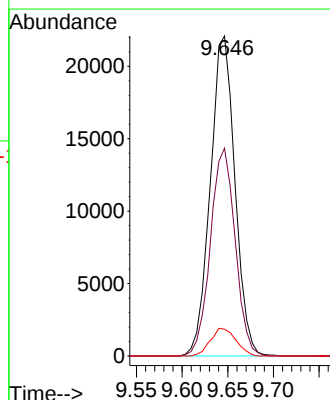
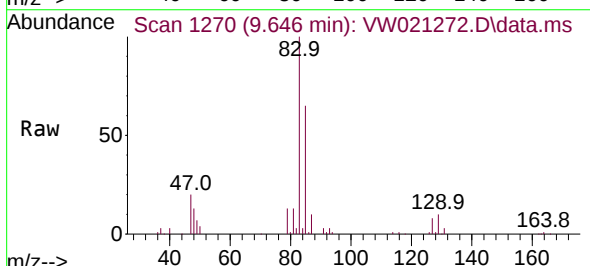
Tgt Ion: 83 Resp: 41434

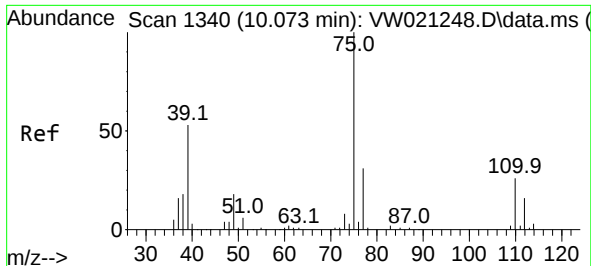
Ion Ratio Lower Upper

83 100

85 65.0 44.1 81.9

127 8.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.986 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

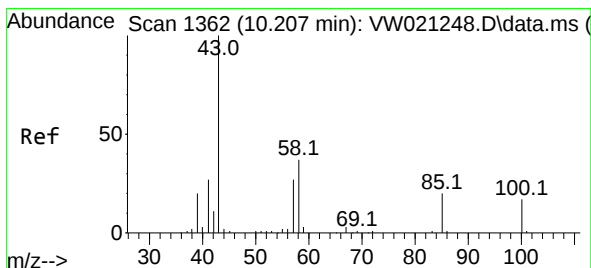
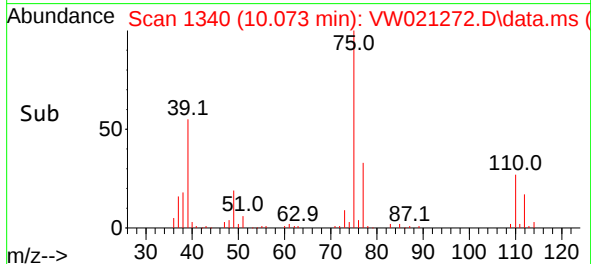
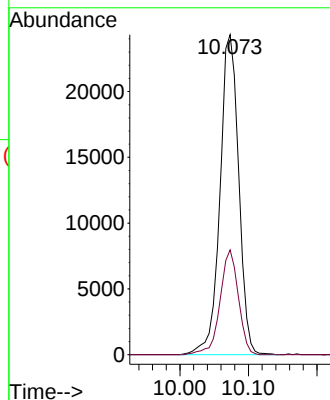
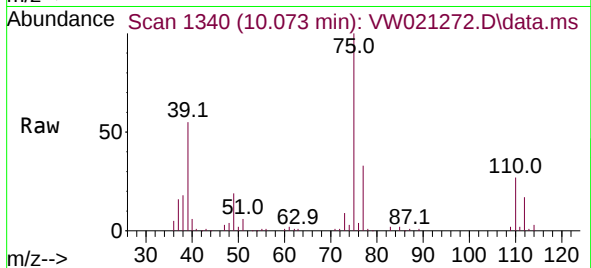
ClientSampleId :

Tgt Ion: 75 Resp: 45979

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.316 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

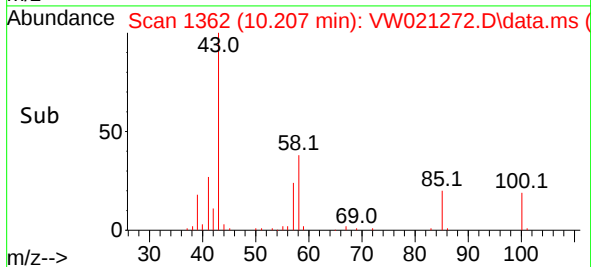
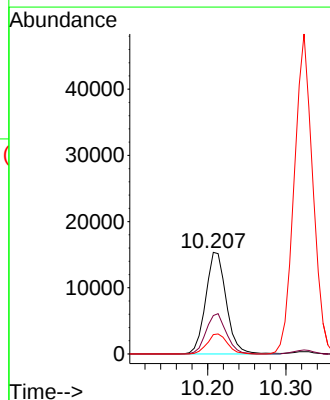
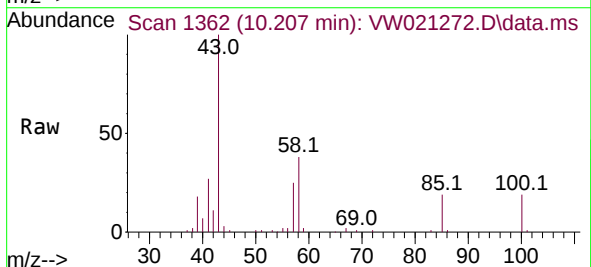
Tgt Ion: 43 Resp: 28038

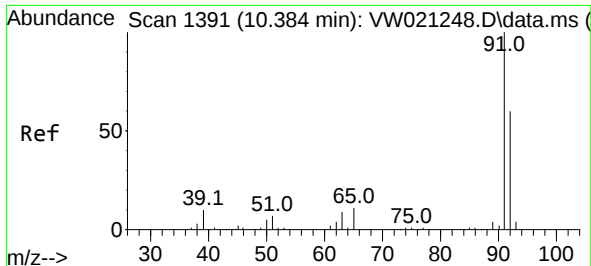
Ion Ratio Lower Upper

43 100

58 38.8 28.8 43.2

100 19.2 10.0 15.0#

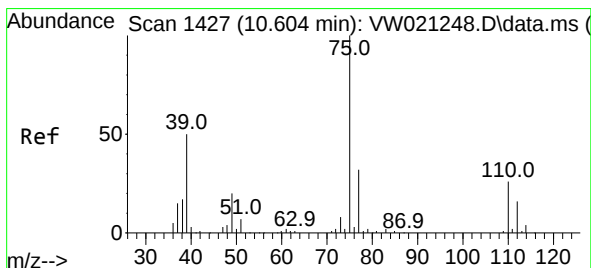
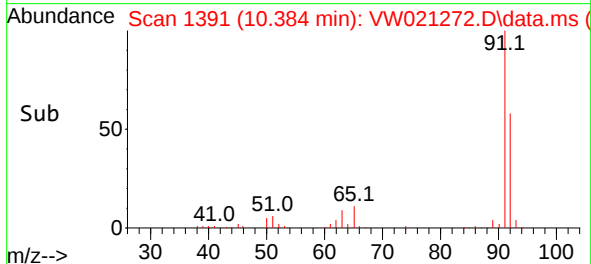
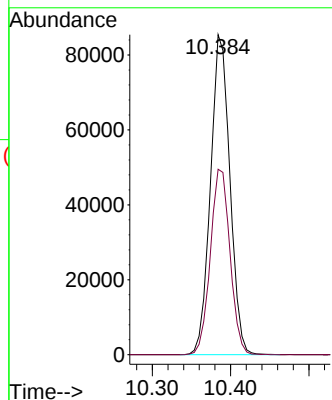
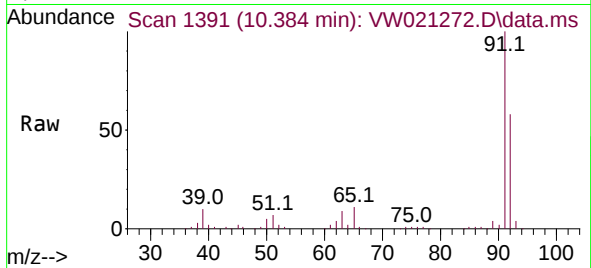




#42
Toluene
Concen: 23.005 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

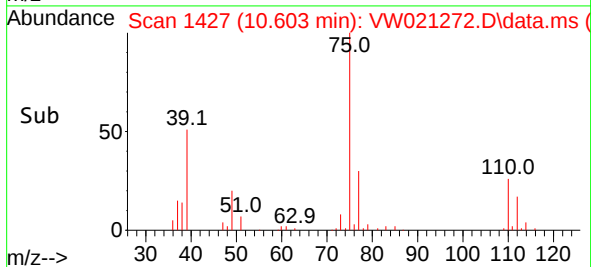
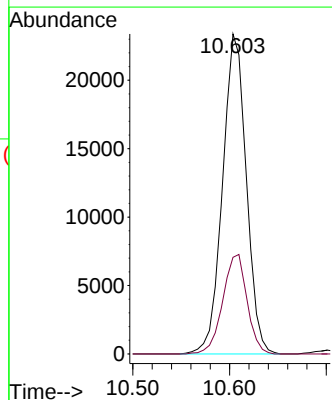
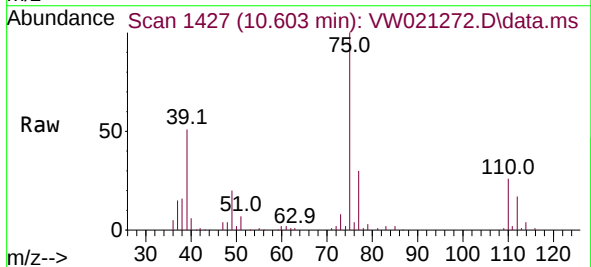
Instrument :
MSVOA_W
ClientSampleId :

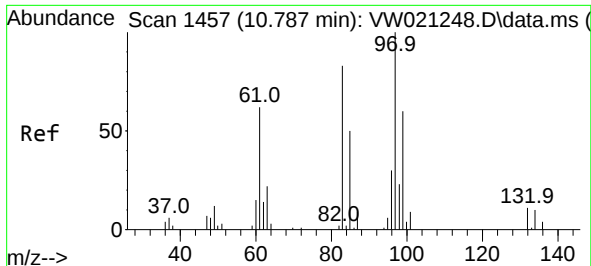
Tgt Ion: 91 Resp: 146679
Ion Ratio Lower Upper
91 100
92 57.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.707 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

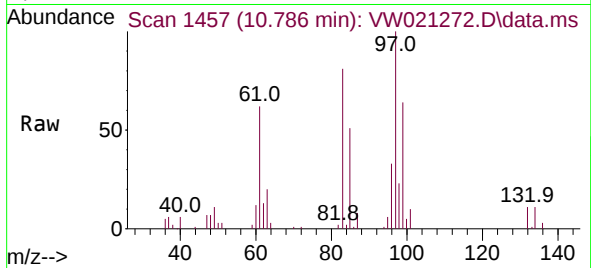
Tgt Ion: 75 Resp: 39803
Ion Ratio Lower Upper
75 100
77 30.2 22.2 41.2



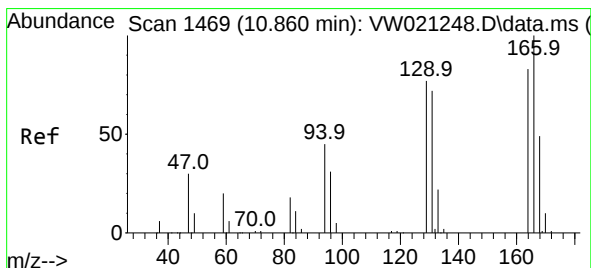
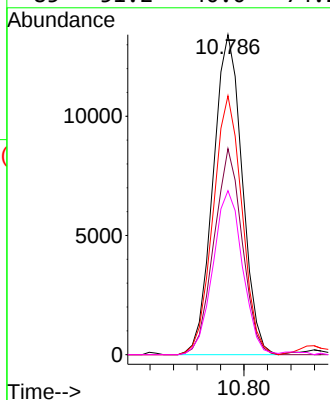
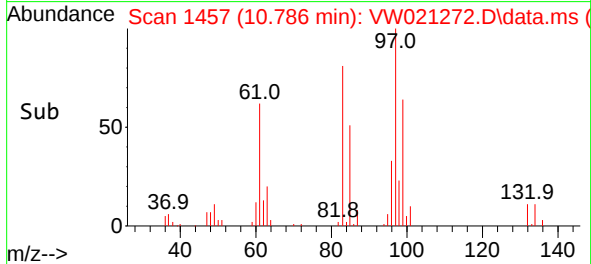


#45
1,1,2-Trichloroethane
Concen: 23.230 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

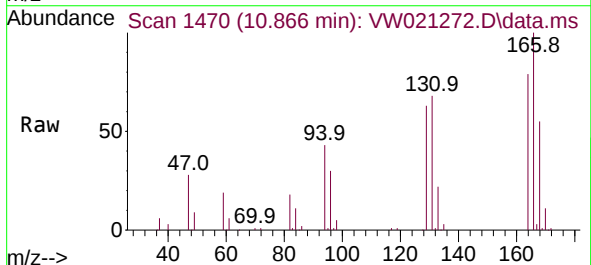
Instrument :
MSVOA_W
ClientSampleId :



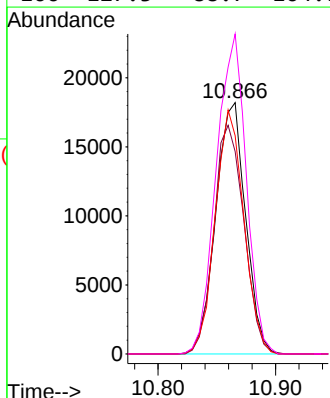
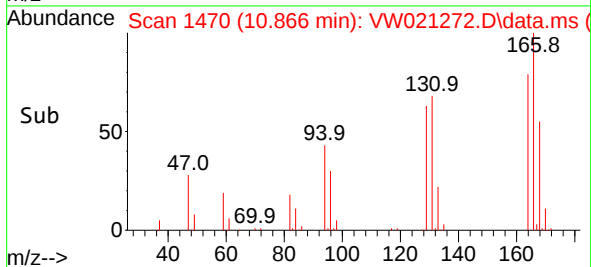
Tgt Ion:	97	Resp:	23121
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.0	79.8
83	80.9	62.6	116.3
85	51.2	40.0	74.2

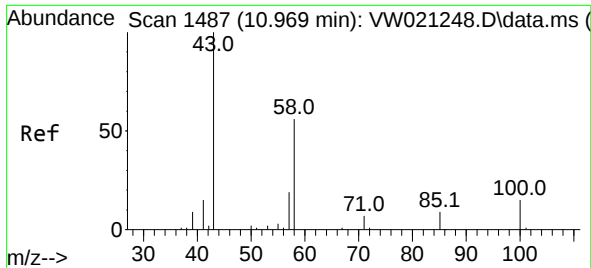


#46
Tetrachloroethene
Concen: 22.142 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45



Tgt Ion:	164	Resp:	32190
Ion	Ratio	Lower	Upper
164	100		
129	80.5	65.5	121.7
131	86.9	59.7	110.9
166	127.3	88.7	164.7

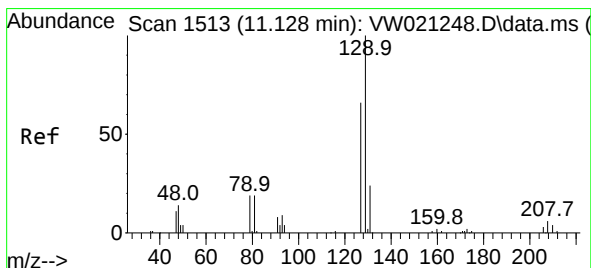
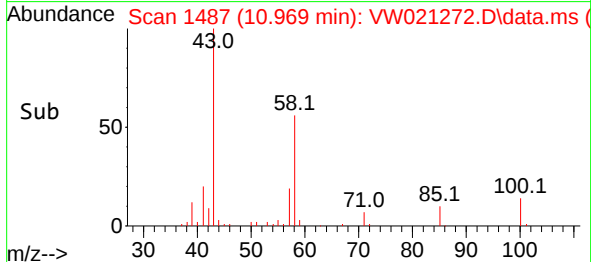
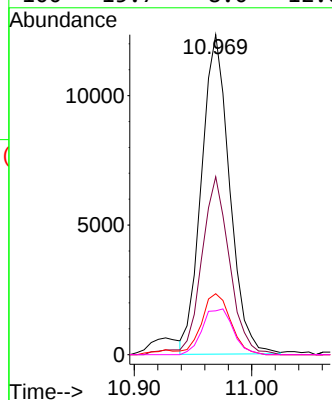
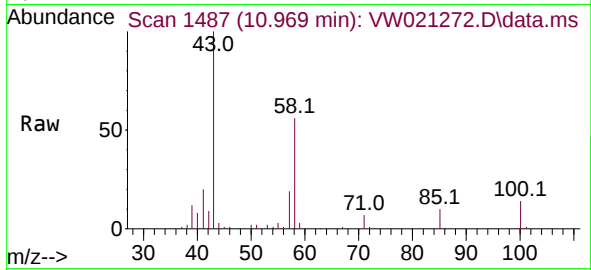




#48
2-Hexanone
Concen: 42.710 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

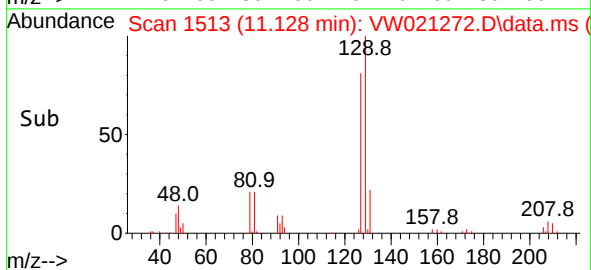
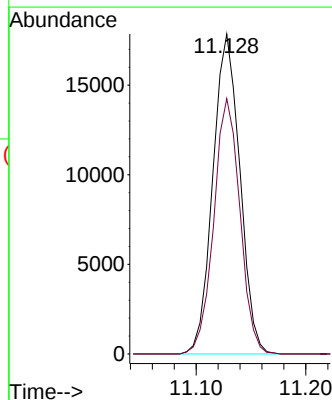
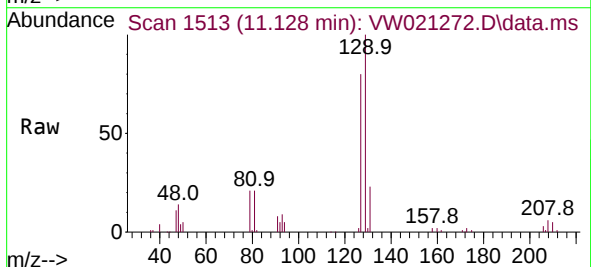
Instrument :
MSVOA_W
ClientSampleId :

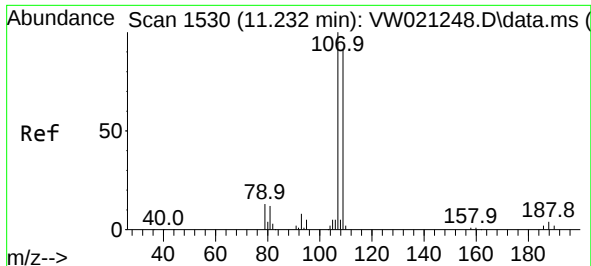
Tgt Ion: 43	Resp: 20522
Ion Ratio	Lower Upper
43	100
58	54.2 40.2 60.2
57	19.7 14.3 21.5
100	15.7 8.0 12.0



#49
Dibromochloromethane
Concen: 24.896 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 129	Resp: 30547
Ion Ratio	Lower Upper
129	100
127	79.8 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.666 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021272.D

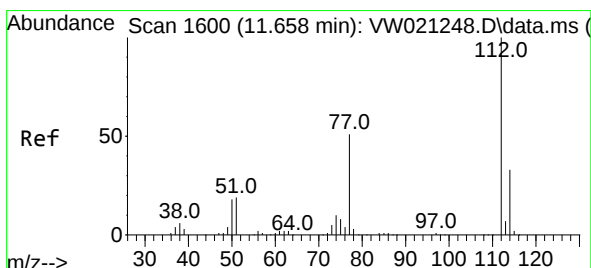
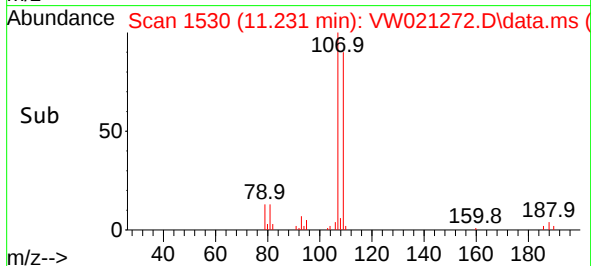
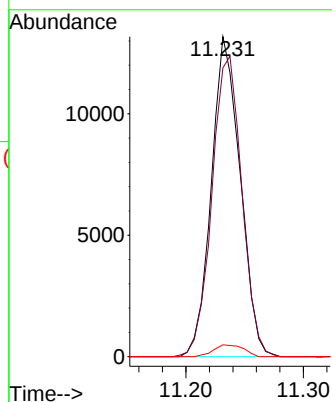
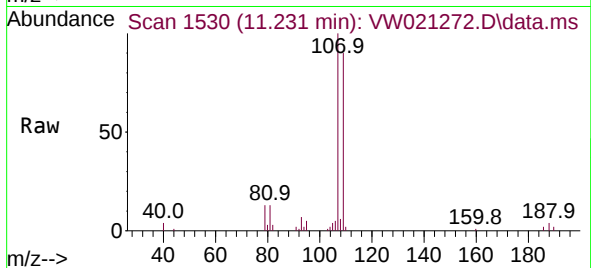
Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	22451
Ion Ratio	Lower	Upper
107	100	
109	90.2	64.1 119.1
188	3.7	2.6 3.8



#51

Chlorobenzene

Concen: 21.833 ug/L

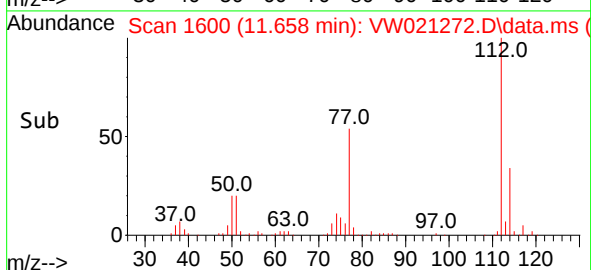
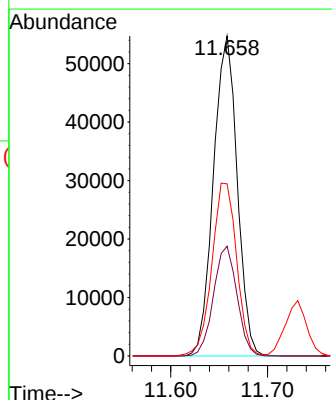
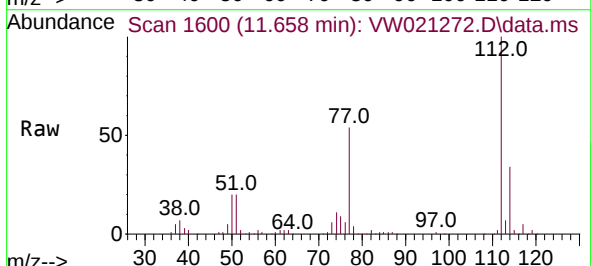
RT: 11.658 min Scan# 1600

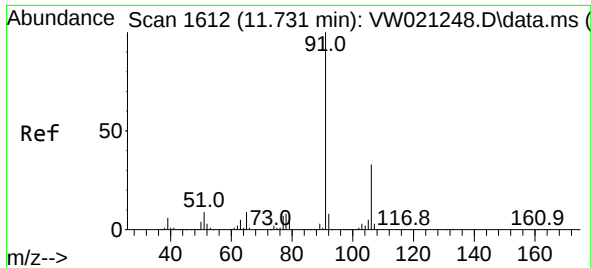
Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Tgt Ion:112	Resp:	93199
Ion Ratio	Lower	Upper
112	100	
114	34.3	22.4 41.6
77	53.8	50.2 75.4

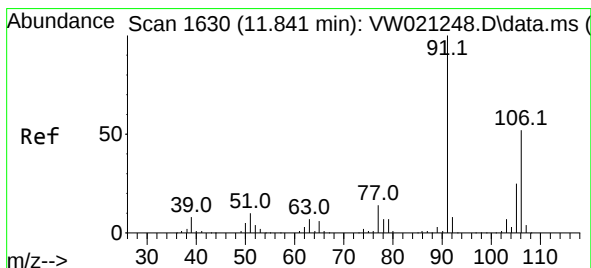
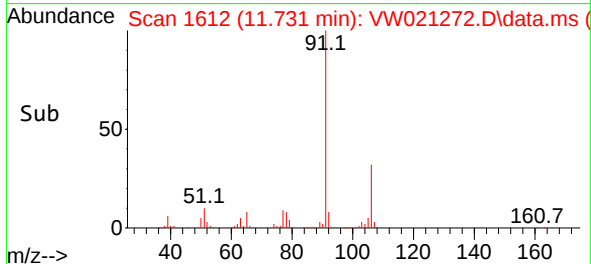
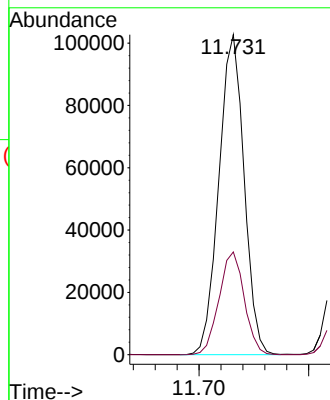
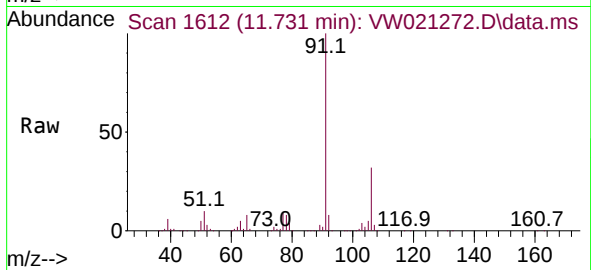




#52
Ethylbenzene
Concen: 22.527 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

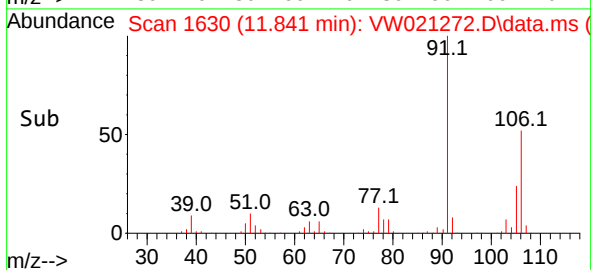
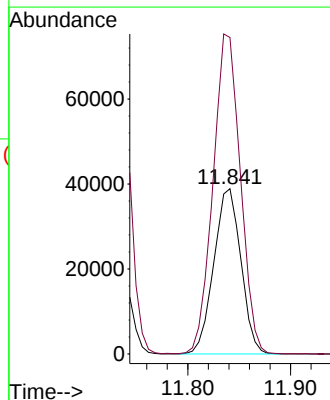
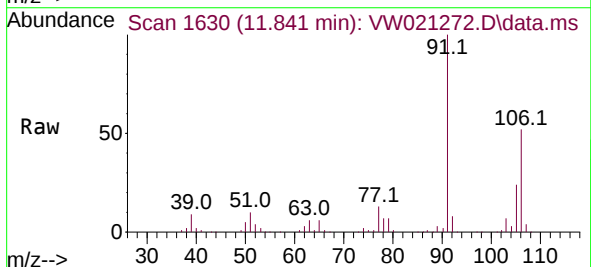
Instrument :
MSVOA_W
ClientSampleId :

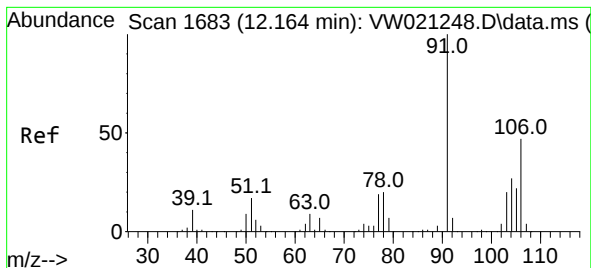
Tgt Ion: 91 Resp: 164134
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 24.210 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion:106 Resp: 71162
Ion Ratio Lower Upper
106 100
91 191.5 149.9 278.3





#54

o-Xylene

Concen: 24.346 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

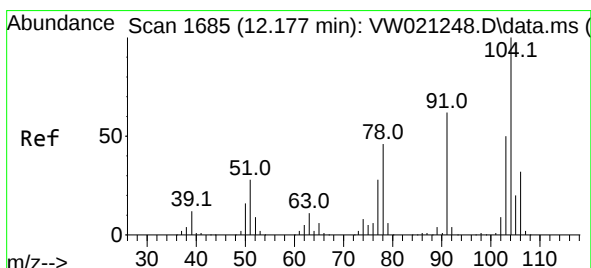
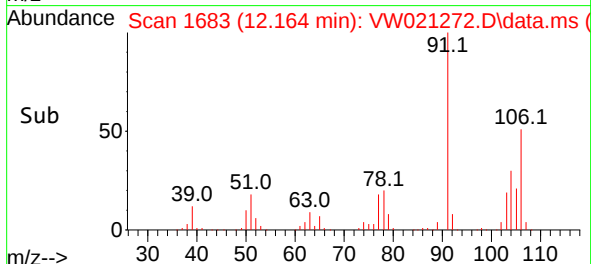
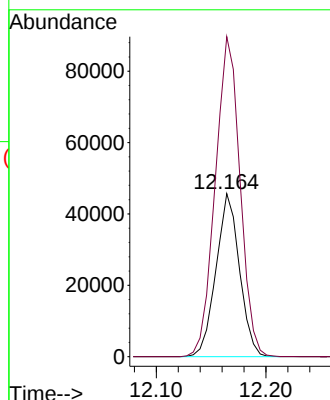
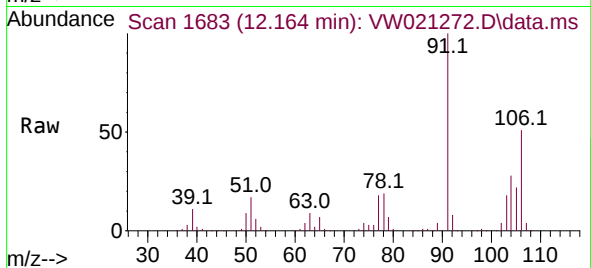
ClientSampleId :

Tgt Ion:106 Resp: 67914

Ion Ratio Lower Upper

106 100

91 196.3 153.6 285.3



#55

Styrene

Concen: 25.348 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW021272.D

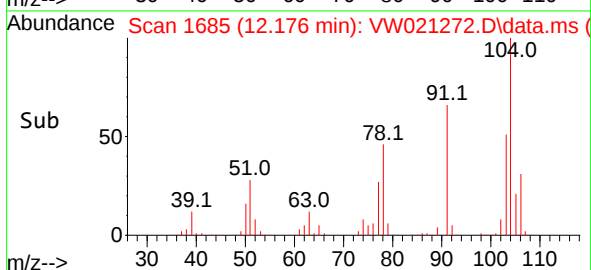
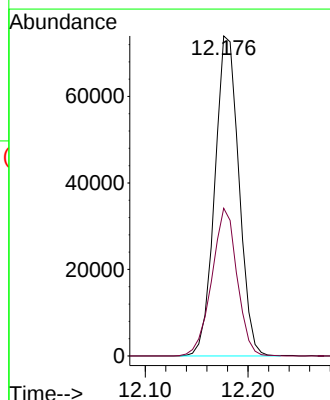
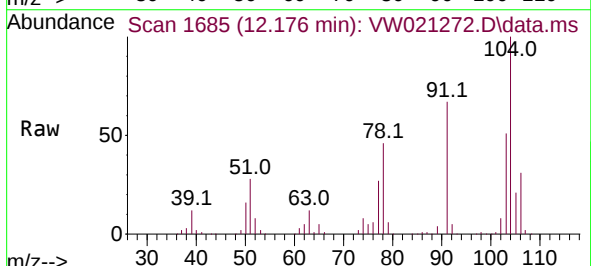
Acq: 10 Dec 2021 08:45

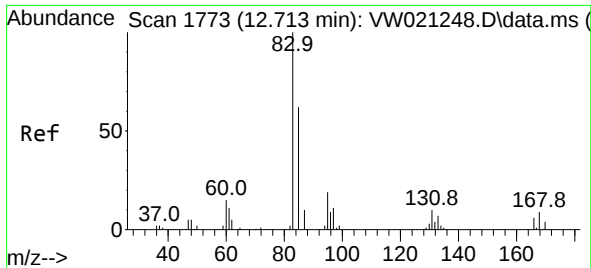
Tgt Ion:104 Resp: 120339

Ion Ratio Lower Upper

104 100

78 46.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.826 ug/L

RT: 12.719 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021272.D

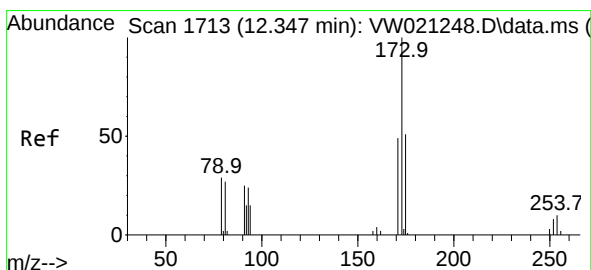
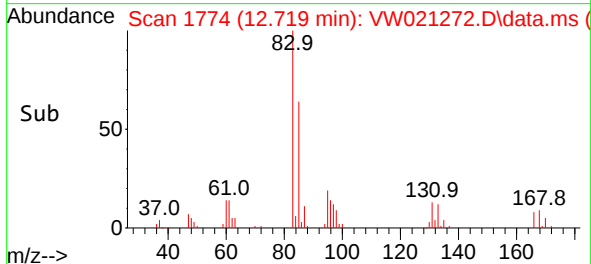
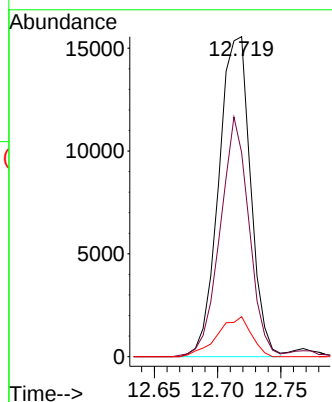
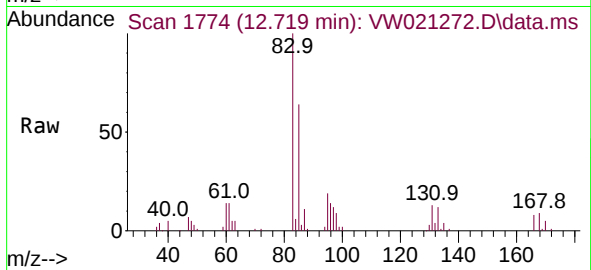
Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 27184
Ion Ratio	Lower Upper
83 100	
85 63.8	44.0 81.6
131 12.5	6.9 10.3#



#59

Bromoform

Concen: 24.152 ug/L

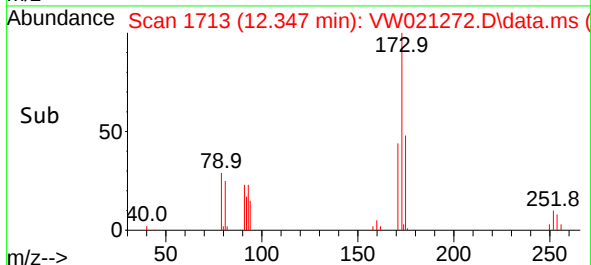
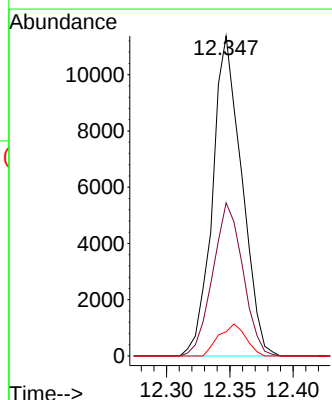
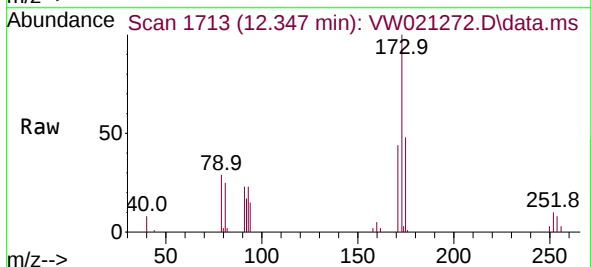
RT: 12.347 min Scan# 1713

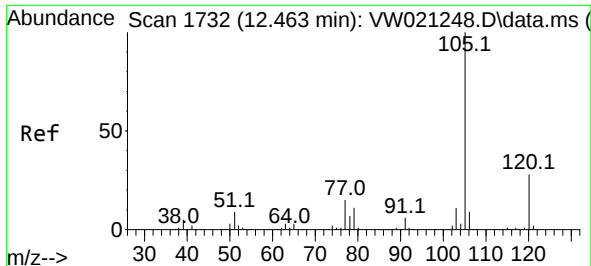
Delta R.T. -0.000 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Tgt Ion: 173	Resp: 18288
Ion Ratio	Lower Upper
173 100	
175 49.2	39.6 59.4
254 9.2	7.4 11.0

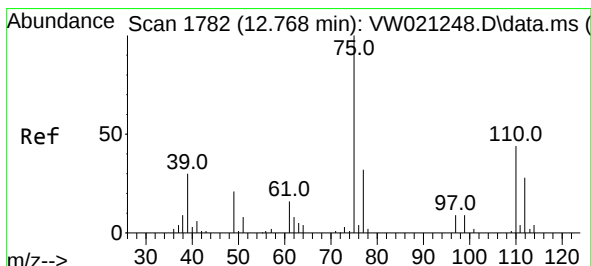
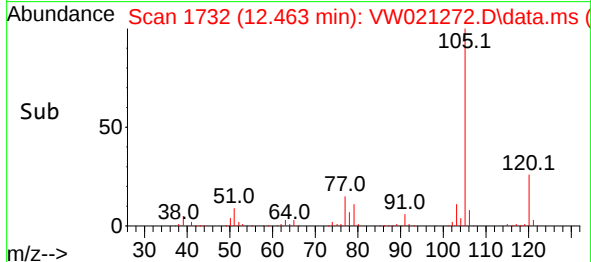
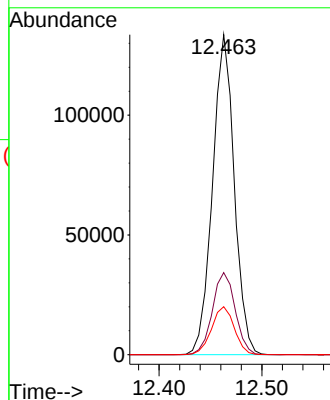
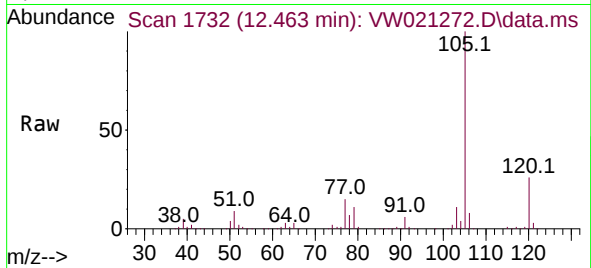




#60
Isopropylbenzene
Concen: 22.631 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

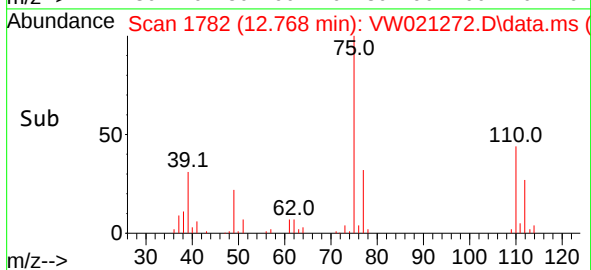
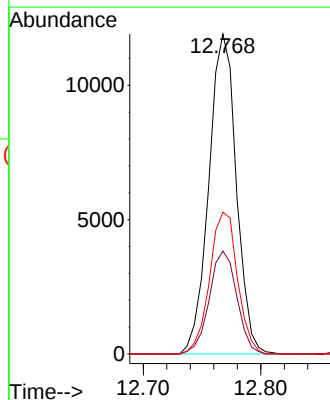
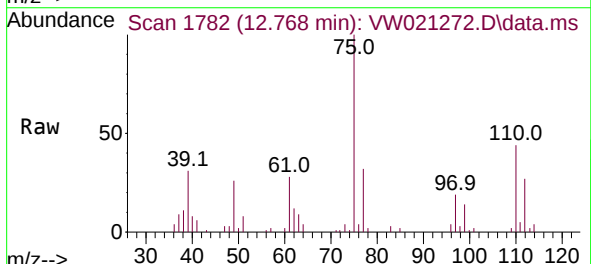
Instrument :
MSVOA_W
ClientSampleId :

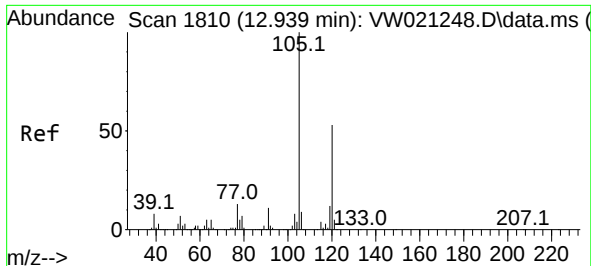
Tgt Ion:105 Resp: 195694
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 20.899 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion: 75 Resp: 19356
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 45.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.383 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021272.D

Acq: 10 Dec 2021 08:45

Instrument :

MSVOA_W

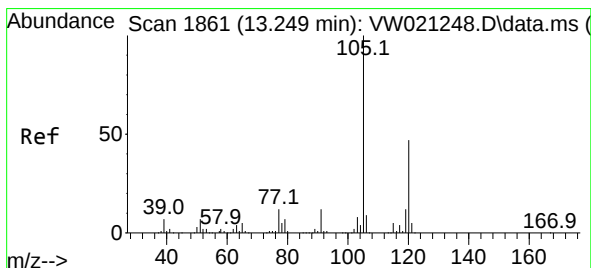
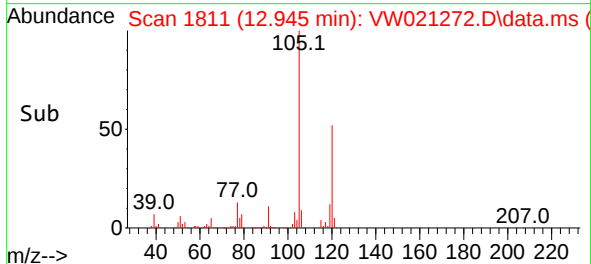
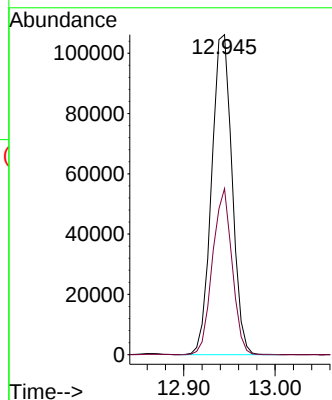
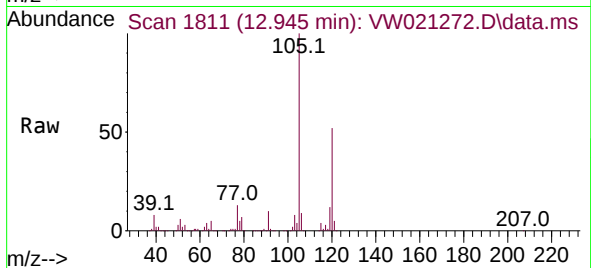
ClientSampleId :

Tgt Ion:105 Resp: 164705

Ion Ratio Lower Upper

105 100

120 49.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.333 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021272.D

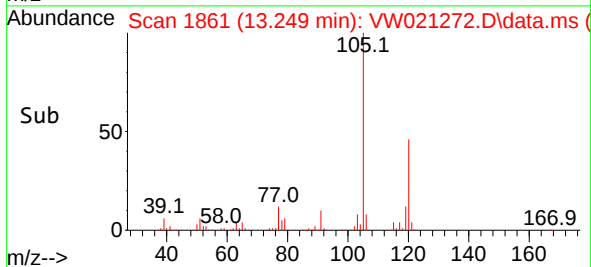
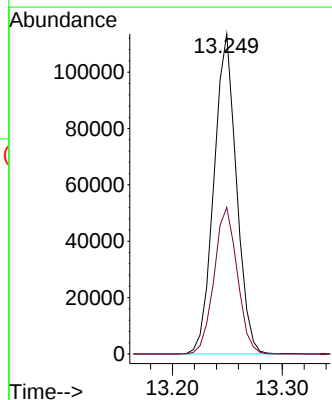
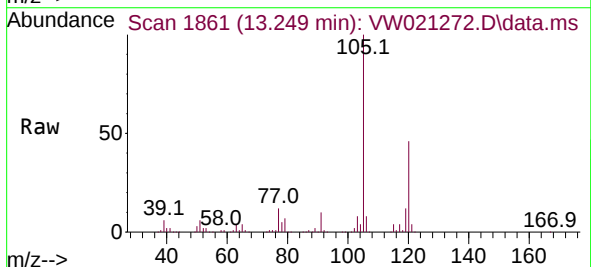
Acq: 10 Dec 2021 08:45

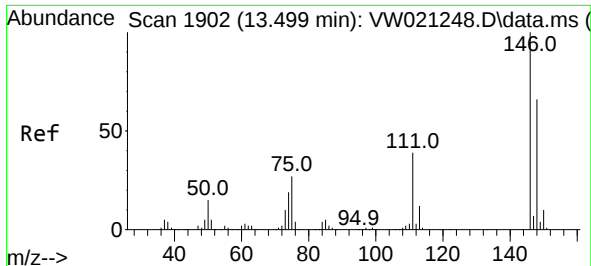
Tgt Ion:105 Resp: 162115

Ion Ratio Lower Upper

105 100

120 47.1 35.0 52.6

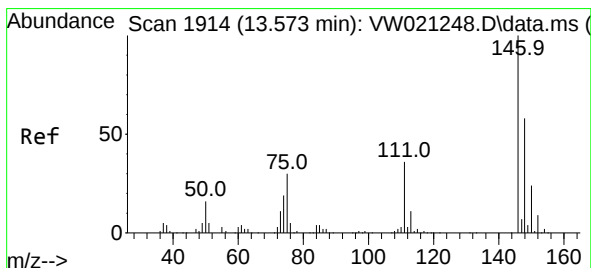
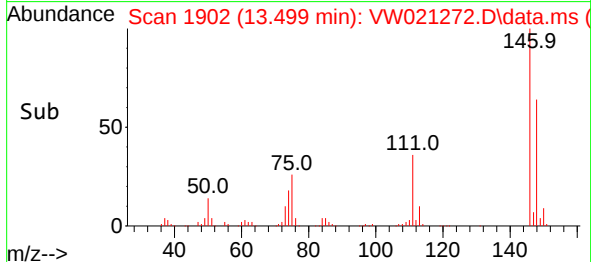
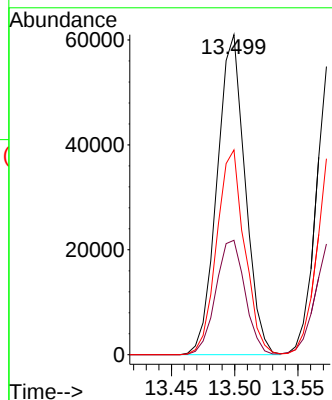
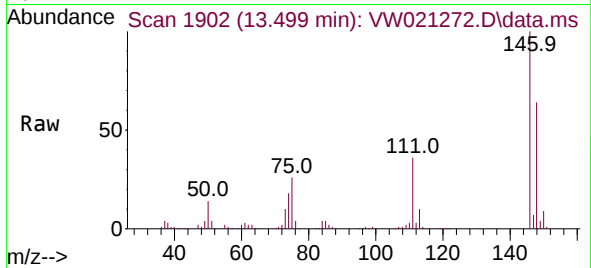




#64
1,3-Dichlorobenzene
Concen: 23.091 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

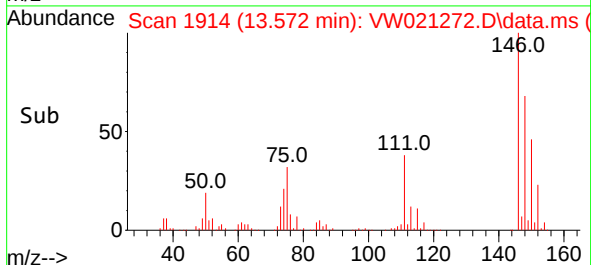
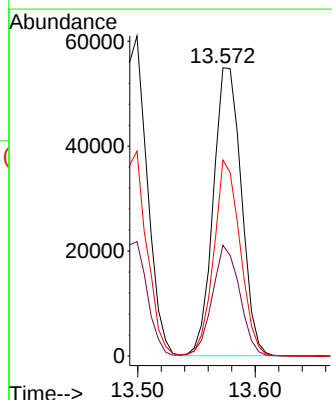
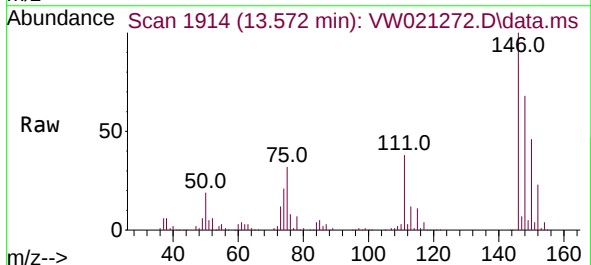
Instrument :
MSVOA_W
ClientSampleId :

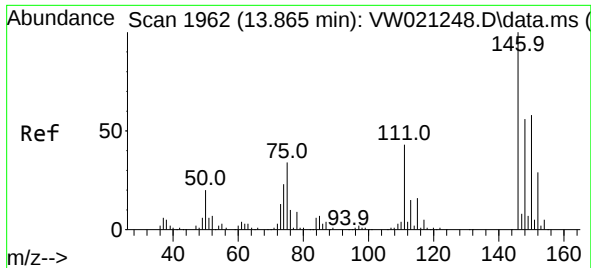
Tgt Ion:146 Resp: 94183
Ion Ratio Lower Upper
146 100
111 35.7 29.8 55.3
148 64.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.480 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion:146 Resp: 91097
Ion Ratio Lower Upper
146 100
111 38.4 29.0 53.9
148 68.0 46.9 87.1

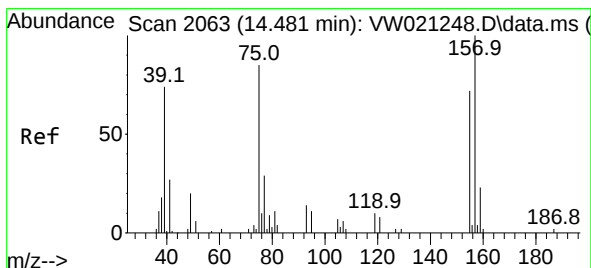
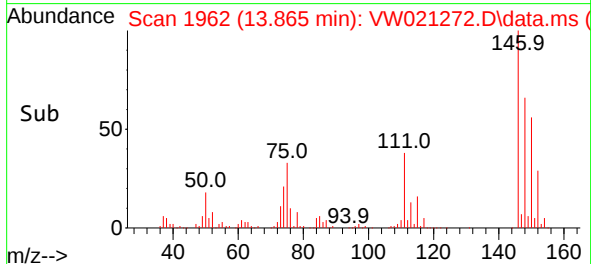
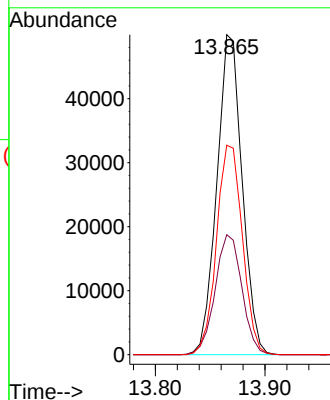
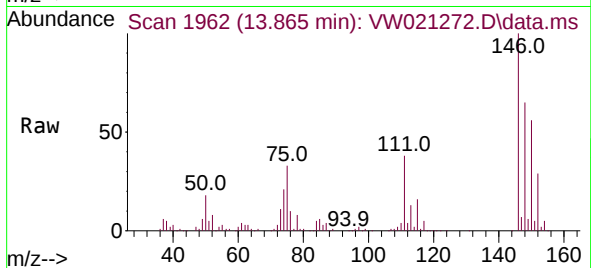




#67
1,2-Dichlorobenzene
Concen: 22.398 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

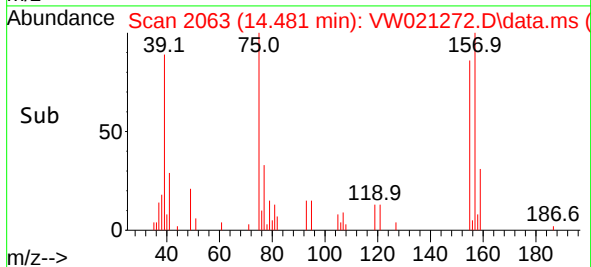
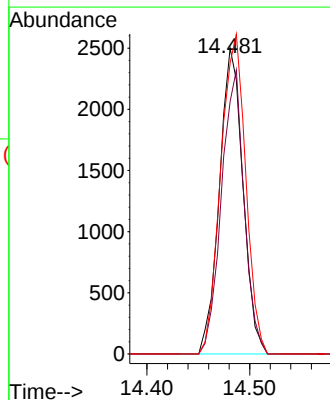
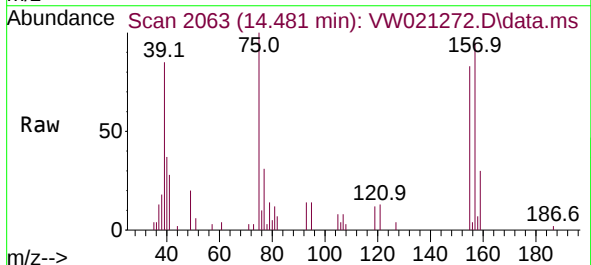
Instrument :
MSVOA_W
ClientSampleId :

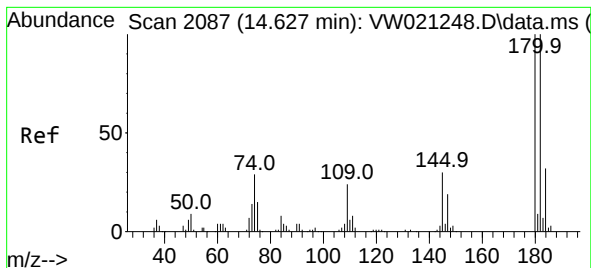
Tgt Ion:146 Resp: 80430
Ion Ratio Lower Upper
146 100
111 37.5 33.1 49.7
148 65.5 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 20.797 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

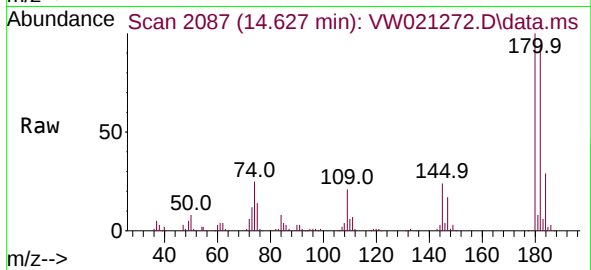
Tgt Ion: 75 Resp: 3973
Ion Ratio Lower Upper
75 100
155 82.5 54.2 81.2#
157 95.2 69.4 104.2



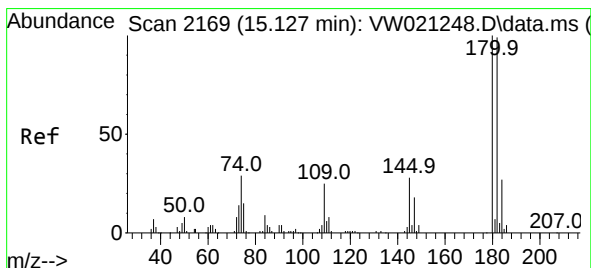
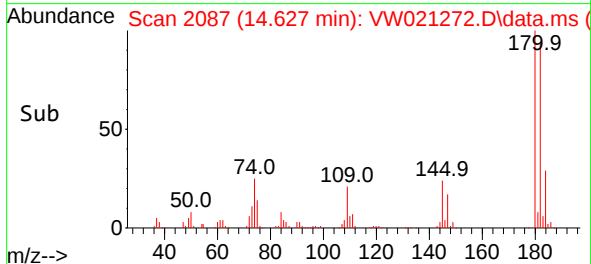
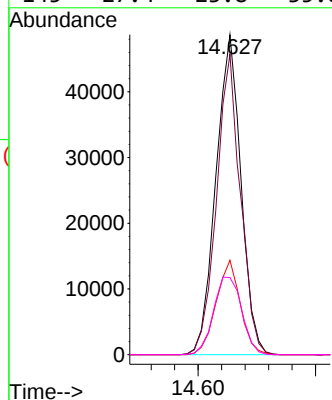


#69
 1,3,5-Trichlorobenzene
 Concen: 23.610 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021272.D
 Acq: 10 Dec 2021 08:45

Instrument :
 MSVOA_W
 ClientSampleId :

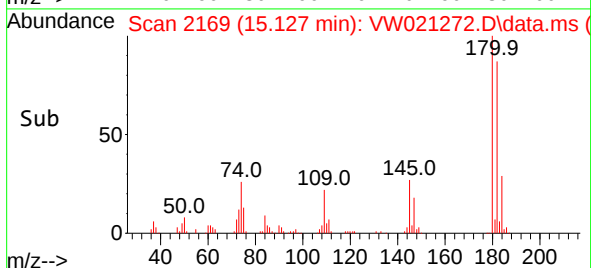
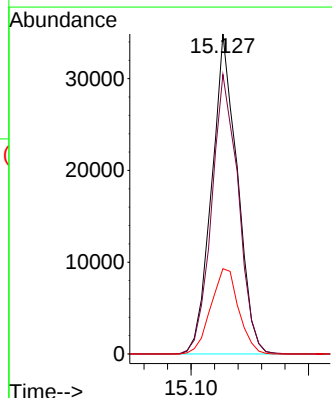
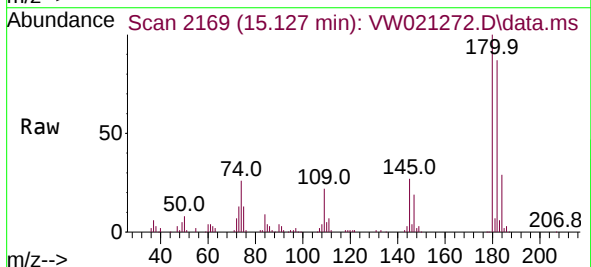


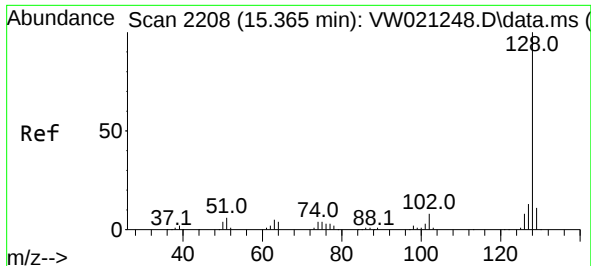
Tgt Ion:180 Resp: 71975
 Ion Ratio Lower Upper
 180 100
 182 89.8 75.4 113.0
 184 28.5 23.8 35.8
 145 27.4 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 21.526 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW021272.D
 Acq: 10 Dec 2021 08:45

Tgt Ion:180 Resp: 52781
 Ion Ratio Lower Upper
 180 100
 182 90.9 79.0 118.6
 145 29.0 26.0 39.0

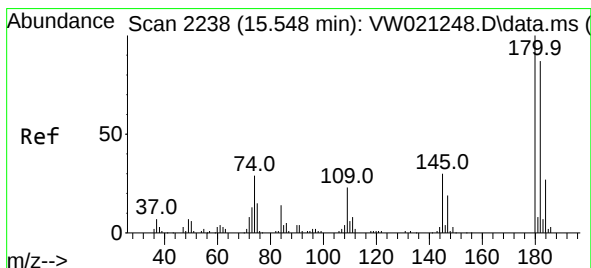
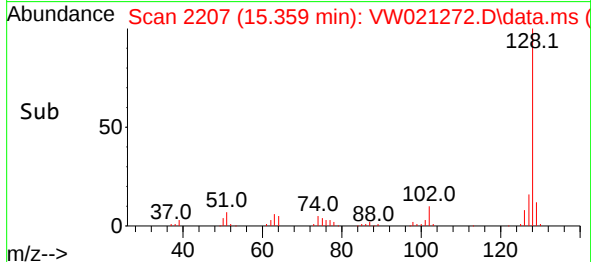
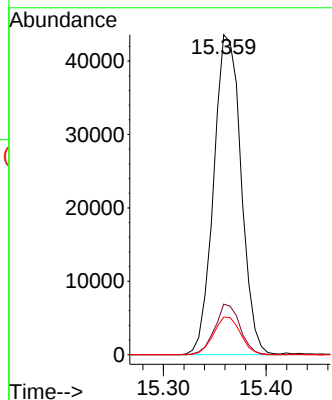
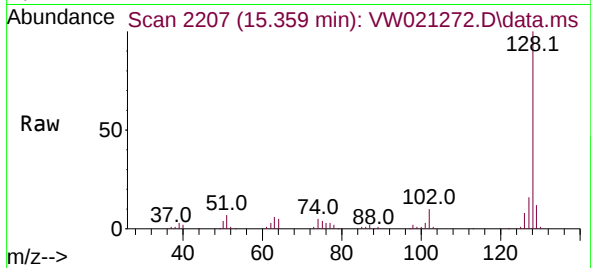




#71
Naphthalene
Concen: 20.256 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 80695
Ion Ratio Lower Upper
128 100
127 14.6 10.7 16.1
129 11.5 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.967 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021272.D
Acq: 10 Dec 2021 08:45

Tgt Ion:180 Resp: 44515
Ion Ratio Lower Upper
180 100
182 96.6 76.6 114.8
145 32.3 27.4 41.0

