

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021900.D
 Acq On : 14 Jan 2022 08:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Jan 17 00:41:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	129197	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	125152	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	57474	23.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
7) Chloroethane-d5	2.879	69	42097	19.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.640%
11) 1,1-Dichloroethene-d2	4.019	63	88750	23.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.640%
21) 2-Butanone-d5	7.074	46	19344	57.072	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.140%
24) Chloroform-d	7.647	84	102541	24.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.305	65	49221	24.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.680%
32) Benzene-d6	8.275	84	201390	24.799	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	9.274	67	52703	24.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.323	98	199021	24.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.579	79	22808	25.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.400%
47) 2-Hexanone-d5	10.920	63	17095	58.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.720%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42594	25.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	73625	24.661	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	15610	30.648	ug/L	96
3) Chloromethane	2.215	50	41204	22.313	ug/L	99
5) Vinyl chloride	2.355	62	62009	23.375	ug/L	98
6) Bromomethane	2.776	94	39671	21.149	ug/L	99
8) Chloroethane	2.916	64	32375	20.193	ug/L	97
9) Trichlorofluoromethane	3.257	101	39308	19.939	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	51145	23.835	ug/L	92
12) 1,1-Dichloroethene	4.038	96	45764	23.731	ug/L	82
13) Acetone	4.123	43	14236	50.839	ug/L	83
14) Carbon disulfide	4.385	76	116604	23.095	ug/L	100
15) Methyl Acetate	4.672	43	14024	24.779	ug/L	# 78
16) Methylene chloride	4.909	84	45404	20.535	ug/L	78
17) trans-1,2-Dichloroethene	5.421	96	49610	23.807	ug/L	76
18) Methyl tert-butyl Ether	5.428	73	63288	23.816	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	75998	24.869	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	52515	24.498	ug/L	68
22) 2-Butanone	7.165	43	20197	56.427	ug/L	81
23) Bromochloromethane	7.513	128	25857	24.242	ug/L	# 60
25) Chloroform	7.677	83	88232	24.402	ug/L	98

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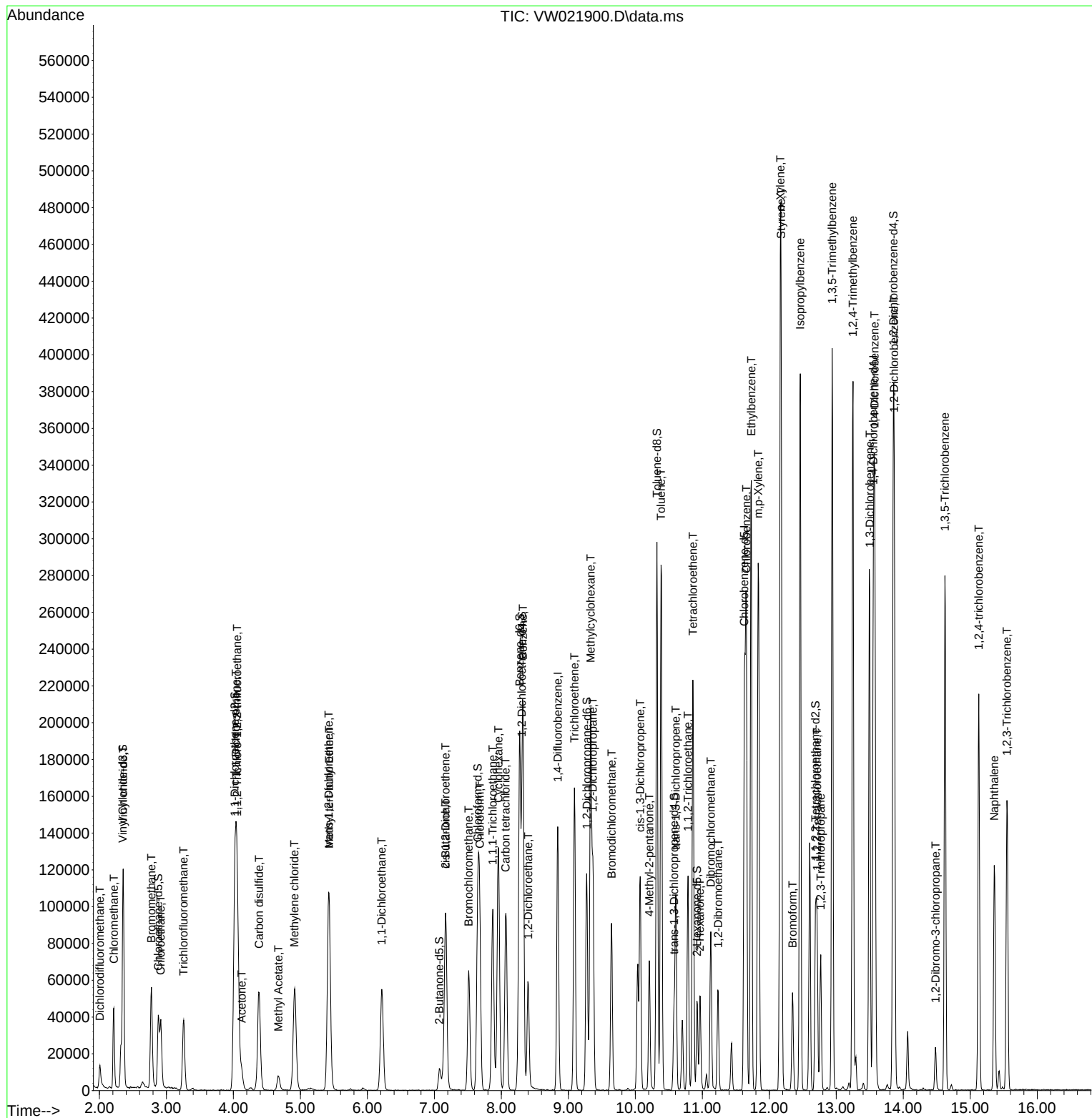
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27) 1,2-Dichloroethane	8.403	62	52310	24.983	ug/L	98
29) Cyclohexane	7.958	56	71351	25.484	ug/L #	77
30) 1,1,1-Trichloroethane	7.872	97	79789	24.596	ug/L #	92
31) Carbon tetrachloride	8.061	117	77337	24.602	ug/L	99
33) Benzene	8.323	78	188489	24.562	ug/L	100
34) Trichloroethene	9.092	95	54262	24.372	ug/L	92
35) Methylcyclohexane	9.335	83	91237	24.919	ug/L #	82
37) 1,2-Dichloropropane	9.366	63	42055	25.155	ug/L #	95
38) Bromodichloromethane	9.646	83	58815	25.201	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	67657	26.044	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	41742	53.151	ug/L #	86
42) Toluene	10.384	91	219326	25.482	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	57836	26.600	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	35785	25.211	ug/L	93
46) Tetrachloroethene	10.860	164	52493	23.843	ug/L	95
48) 2-Hexanone	10.963	43	30343	56.468	ug/L #	88
49) Dibromochloromethane	11.128	129	44344	24.794	ug/L	98
50) 1,2-Dibromoethane	11.237	107	35265	25.029	ug/L #	98
51) Chlorobenzene	11.658	112	149440	24.591	ug/L #	87
52) Ethylbenzene	11.731	91	238752	24.970	ug/L	93
53) m,p-Xylene	11.835	106	101233	25.320	ug/L	89
54) o-Xylene	12.164	106	95190	25.646	ug/L	87
55) Styrene	12.176	104	156564	25.549	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	37759	24.724	ug/L #	92
59) Bromoform	12.347	173	23735	23.977	ug/L	98
60) Isopropylbenzene	12.463	105	259430	26.239	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	28240	27.216	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	217488	26.563	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	212726	26.344	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	122897	24.722	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	123162	25.093	ug/L	86
67) 1,2-Dichlorobenzene	13.865	146	106857	24.551	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5200	25.951	ug/L #	40
69) 1,3,5-Trichlorobenzene	14.621	180	88562	23.970	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	70777	24.041	ug/L	96
71) Naphthalene	15.359	128	110786	24.395	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	55839	22.968	ug/L	98

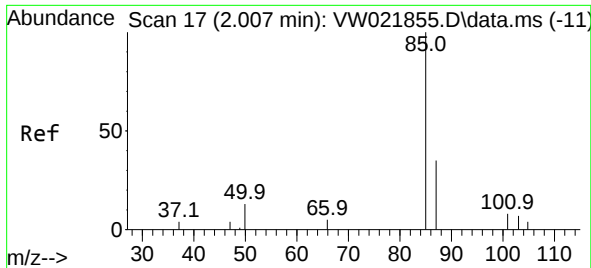
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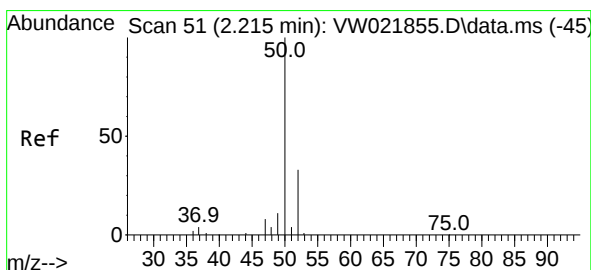
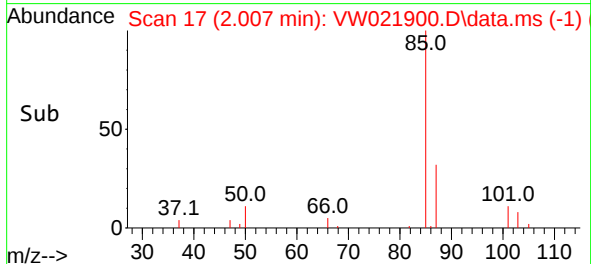
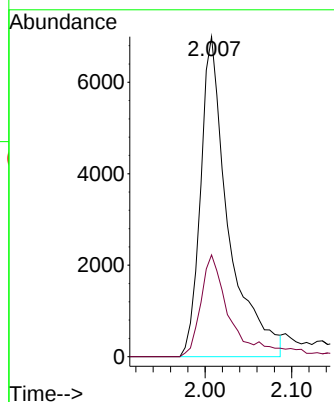
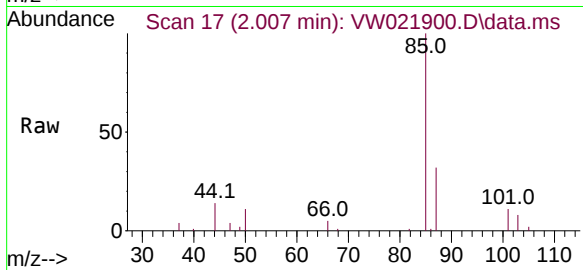




#2
 Dichlorodifluoromethane
 Concen: 30.648 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021900.D
 Acq: 14 Jan 2022 08:49

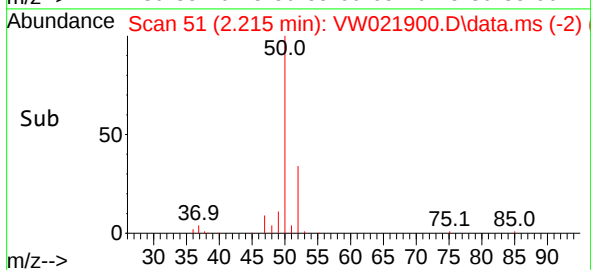
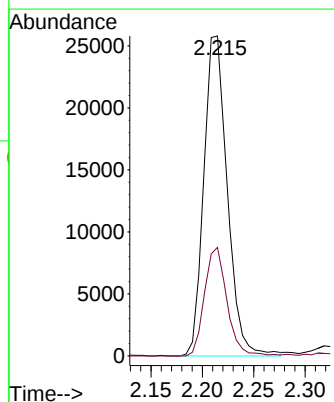
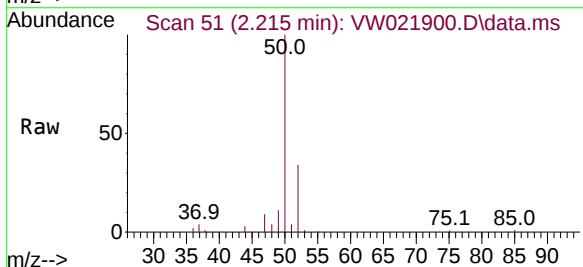
Instrument :
 MSVOA_W
 ClientSampleId :
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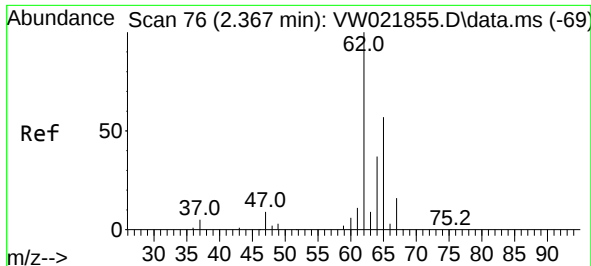
Tgt Ion: 85 Resp: 15610
 Ion Ratio Lower Upper
 85 100
 87 29.7 25.8 38.6



#3
 Chloromethane
 Concen: 22.313 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021900.D
 Acq: 14 Jan 2022 08:49

Tgt Ion: 50 Resp: 41204
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.6

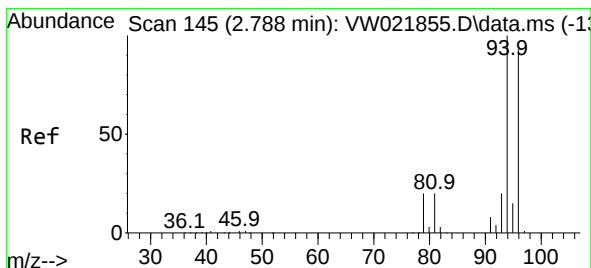
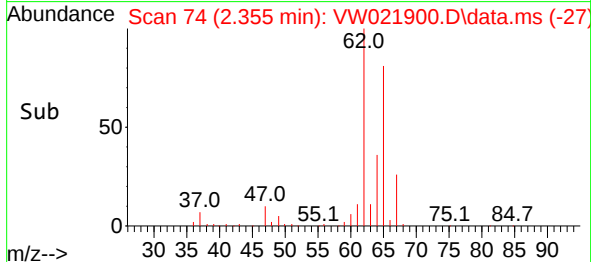
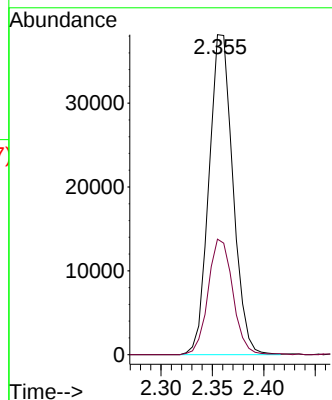
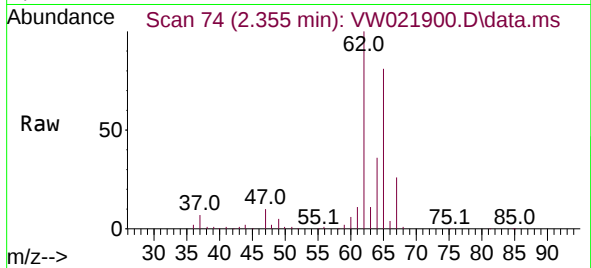




#5
 Vinyl chloride
 Concen: 23.375 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW021900.D
 Acq: 14 Jan 2022 08:49

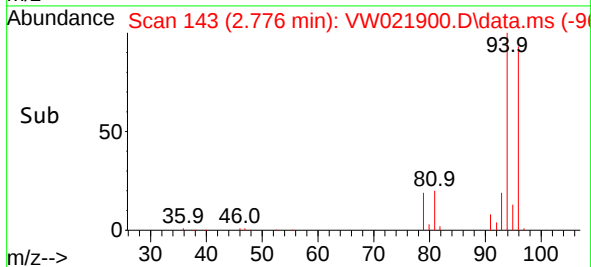
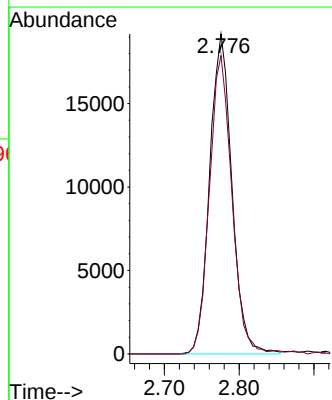
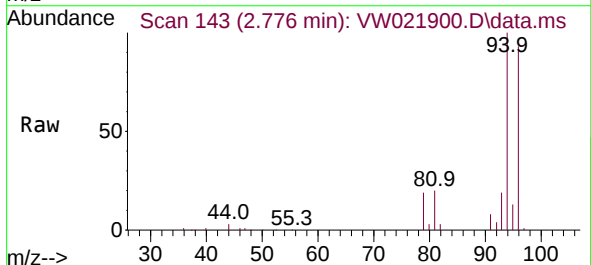
Instrument :
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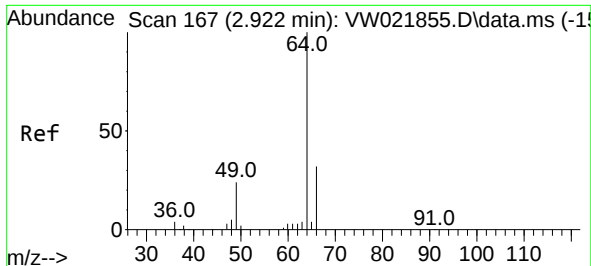
Tgt Ion: 62 Resp: 62009
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.4 45.2



#6
 Bromomethane
 Concen: 21.149 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW021900.D
 Acq: 14 Jan 2022 08:49

Tgt Ion: 94 Resp: 39671
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.4

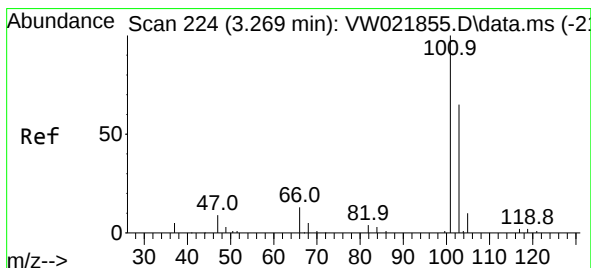
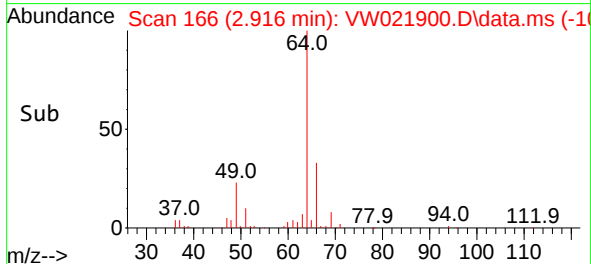
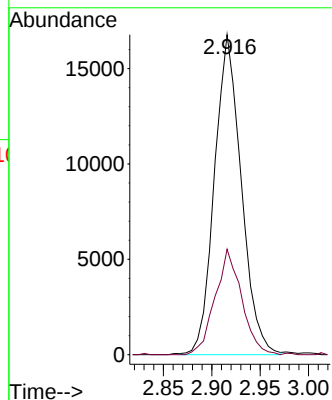
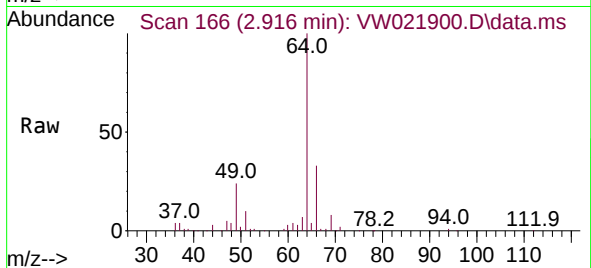




#8
Chloroethane
Concen: 20.193 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

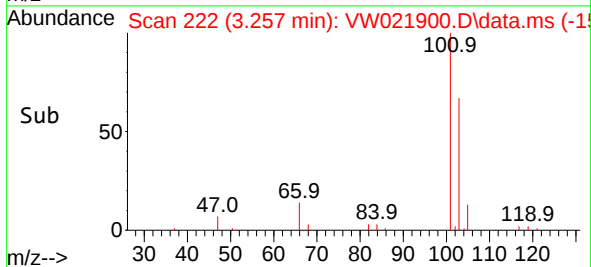
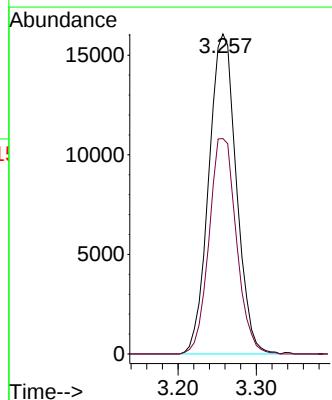
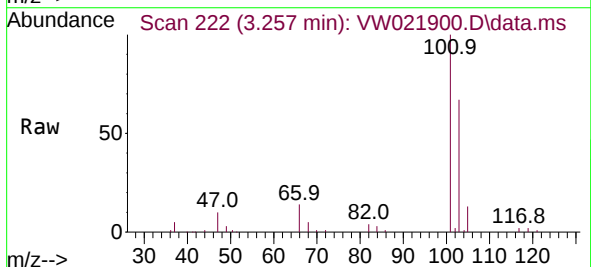
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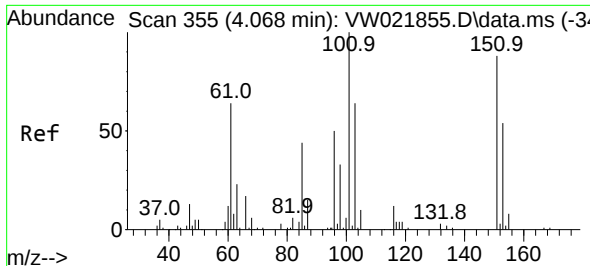
Tgt Ion: 64 Resp: 32375
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.939 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion: 101 Resp: 39308
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.2

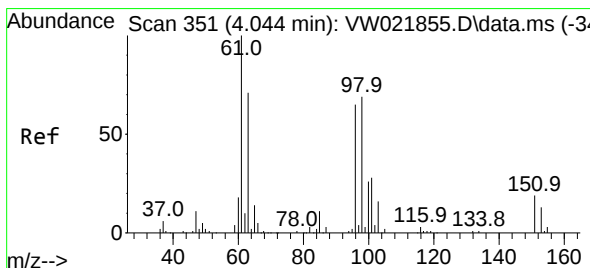
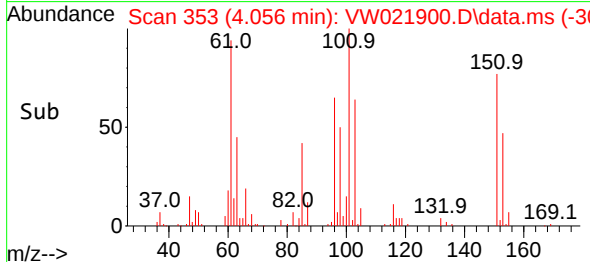
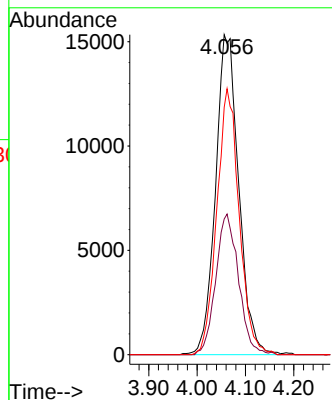
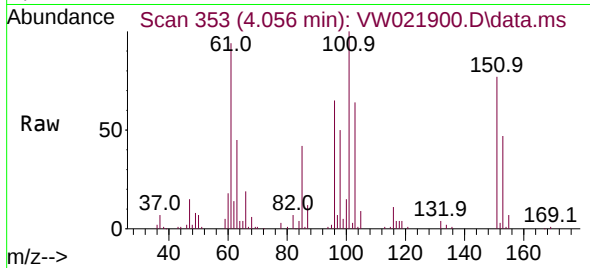




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.835 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW021900.D
 Acq: 14 Jan 2022 08:49

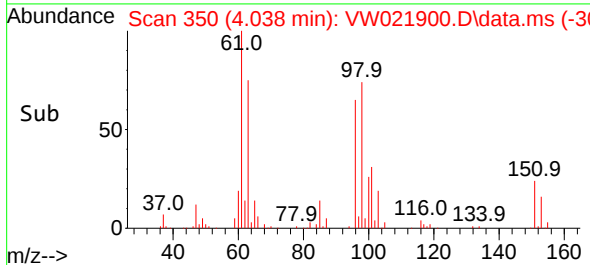
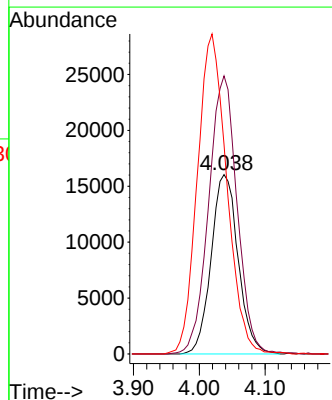
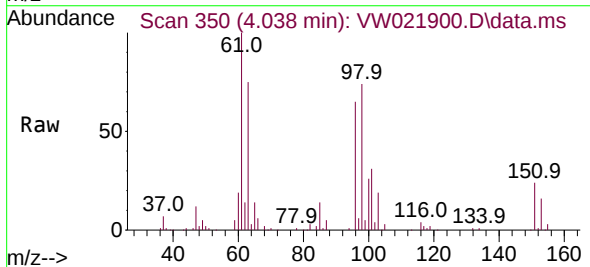
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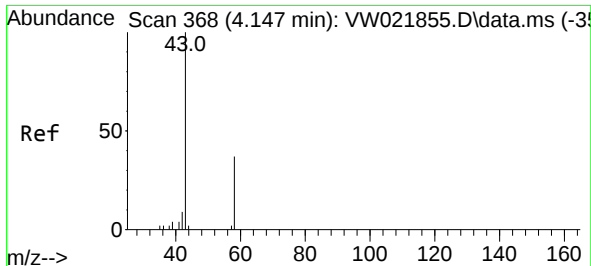
Tgt Ion:101 Resp: 51145
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.6 54.8
 151 79.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.731 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021900.D
 Acq: 14 Jan 2022 08:49

Tgt Ion: 96 Resp: 45764
 Ion Ratio Lower Upper
 96 100
 61 155.0 138.3 256.9
 63 116.6 82.6 153.4





#13

Acetone

Concen: 50.839 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.024 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

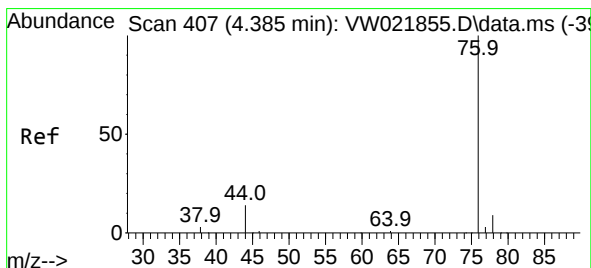
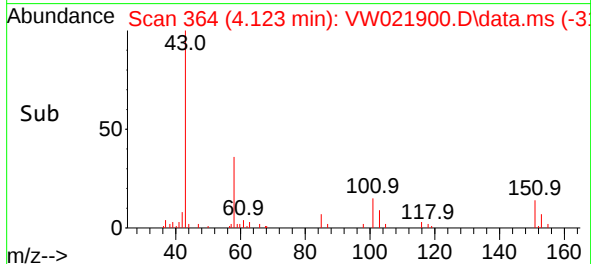
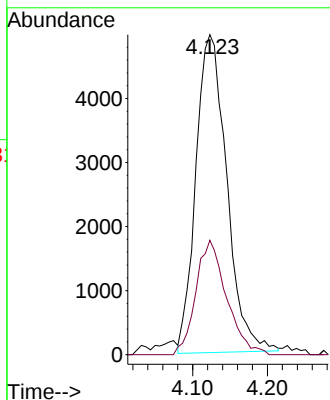
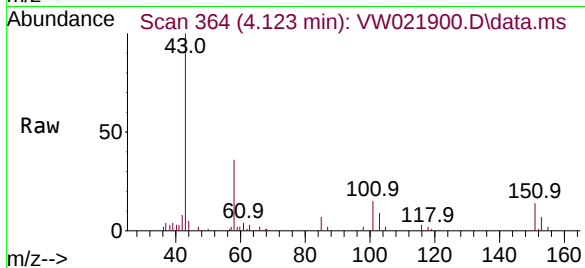
VSTD025536

Tgt Ion: 43 Resp: 14236

Ion Ratio Lower Upper

43 100

58 35.1 0.0 52.8



#14

Carbon disulfide

Concen: 23.095 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021900.D

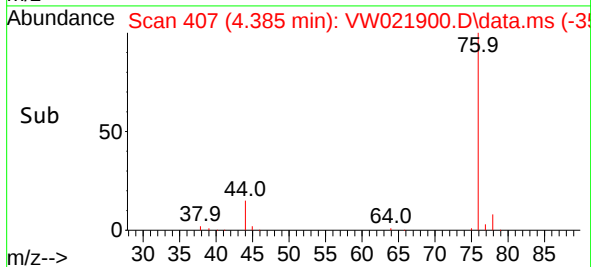
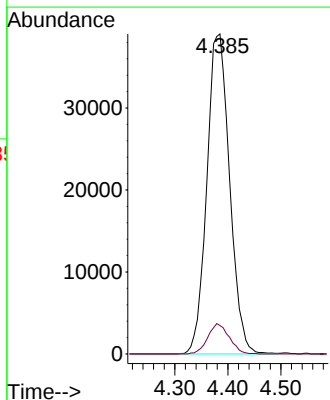
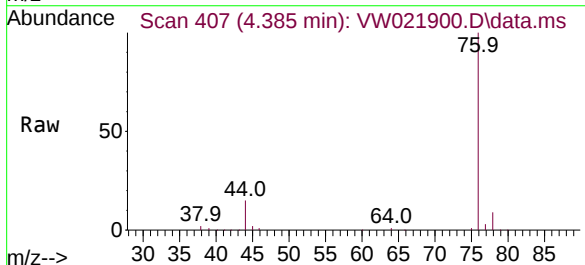
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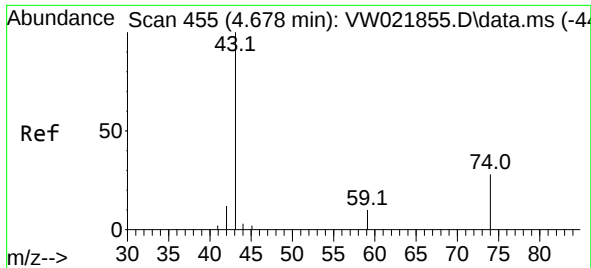
Tgt Ion: 76 Resp: 116604

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

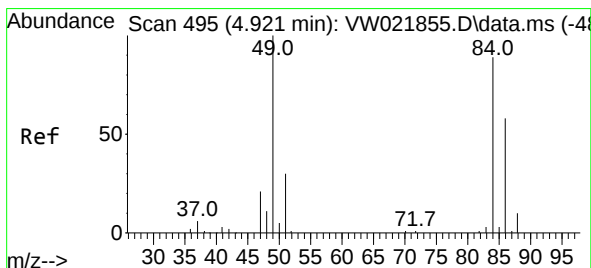
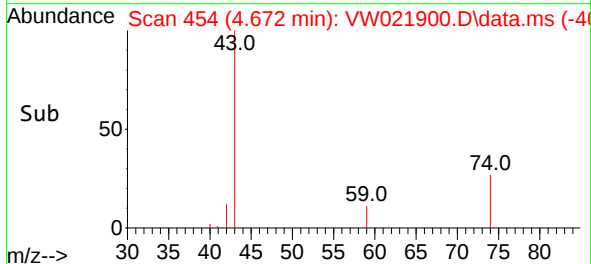
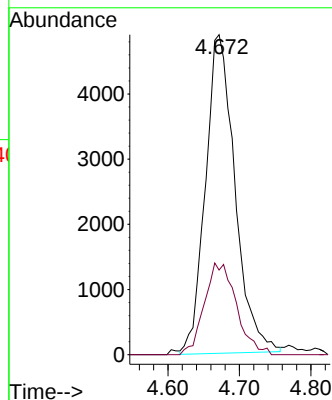
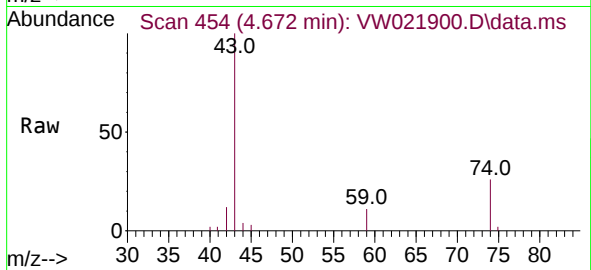




#15
Methyl Acetate
Concen: 24.779 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

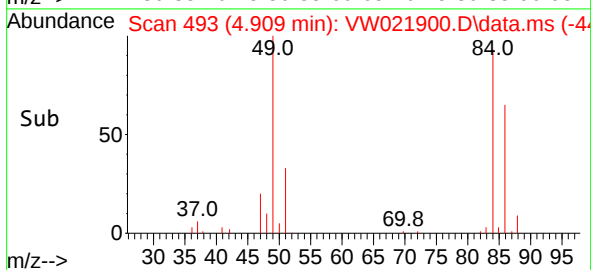
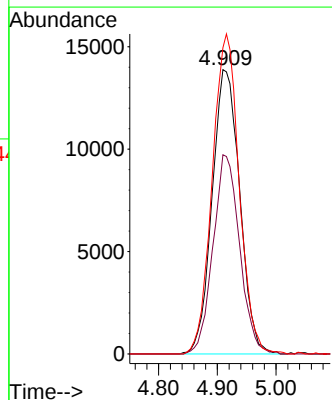
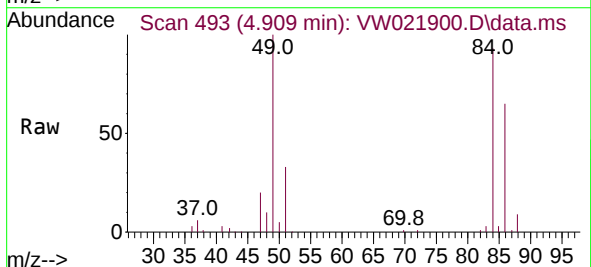
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

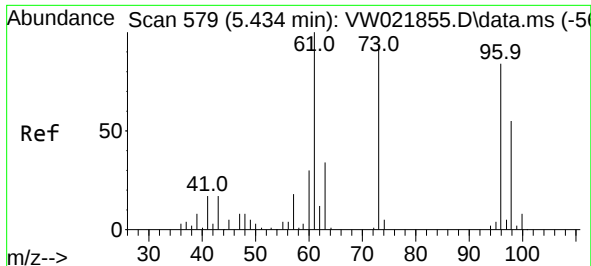
Tgt Ion: 43 Resp: 14024
Ion Ratio Lower Upper
43 100
74 30.9 16.4 24.6#



#16
Methylene chloride
Concen: 20.535 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion: 84 Resp: 45404
Ion Ratio Lower Upper
84 100
86 70.1 45.5 84.5
49 107.7 100.5 186.7

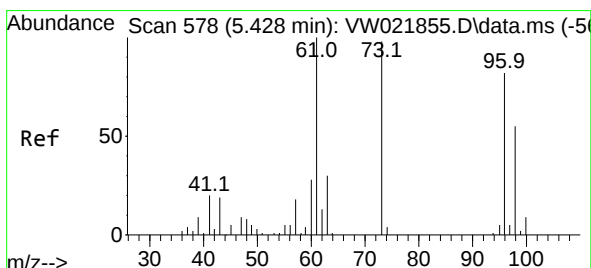
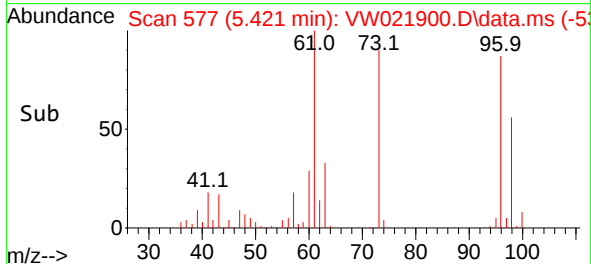
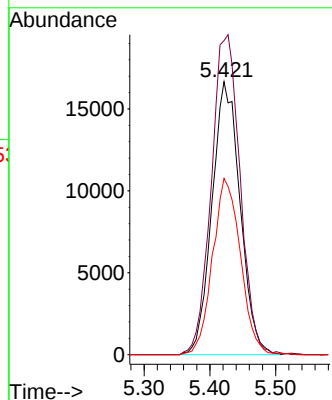
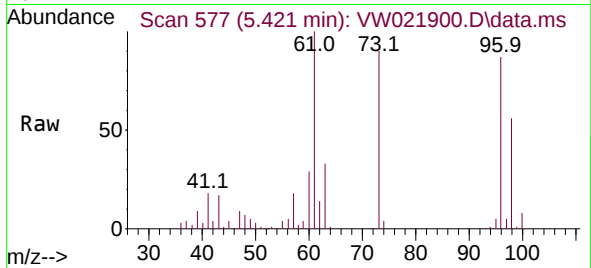




#17
trans-1,2-Dichloroethene
Concen: 23.807 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

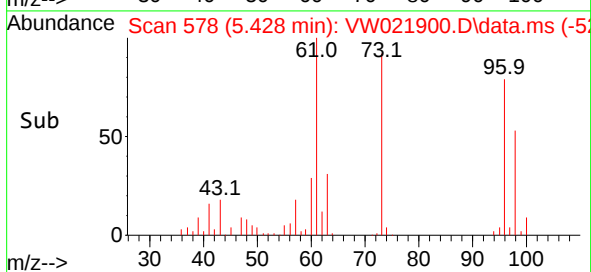
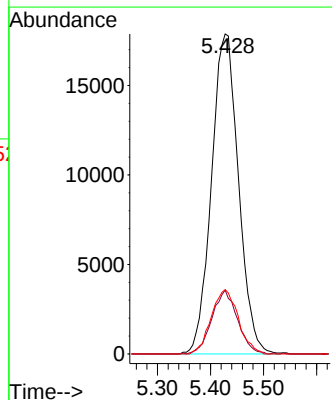
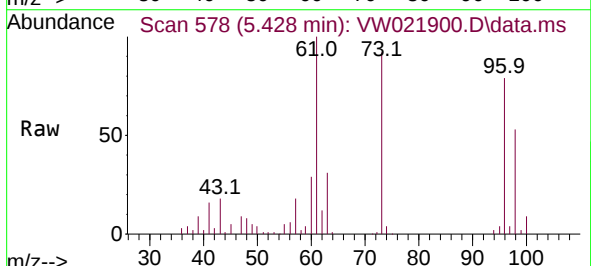
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

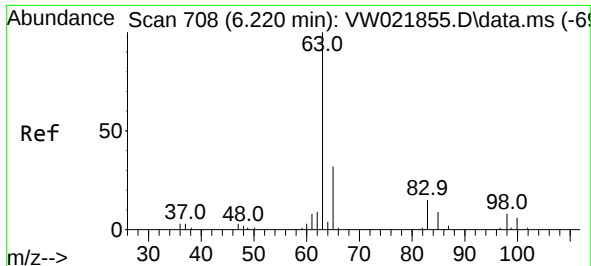
Tgt Ion: 96 Resp: 49610
Ion Ratio Lower Upper
96 100
61 115.1 107.4 199.4
98 64.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.816 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion: 73 Resp: 63288
Ion Ratio Lower Upper
73 100
43 18.9 19.5 29.3#
57 20.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.869 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

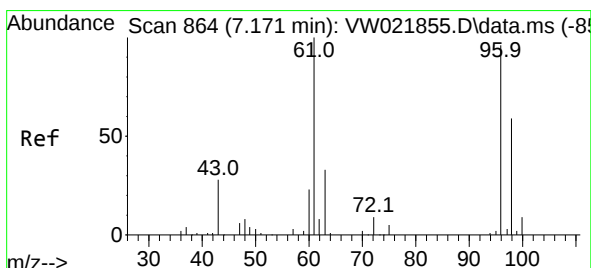
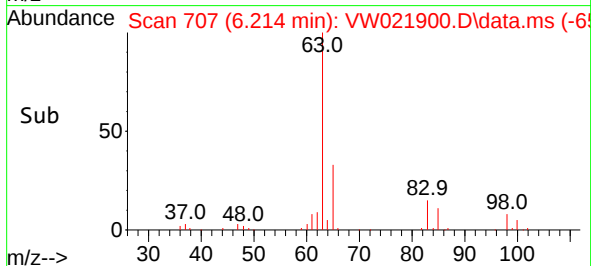
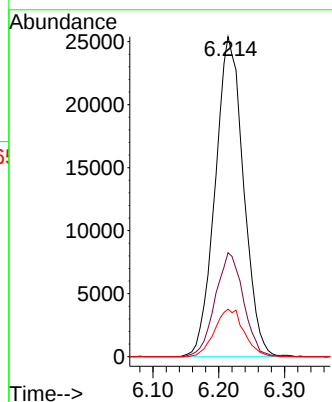
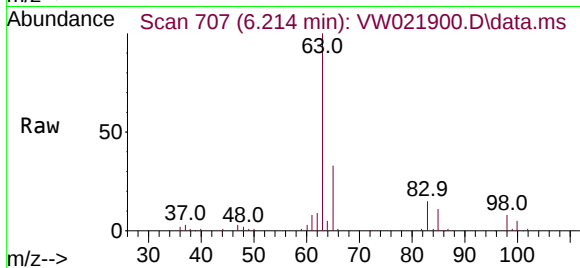
Tgt Ion: 63 Resp: 75998

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 14.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.498 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

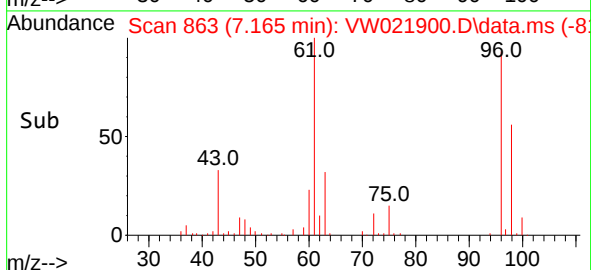
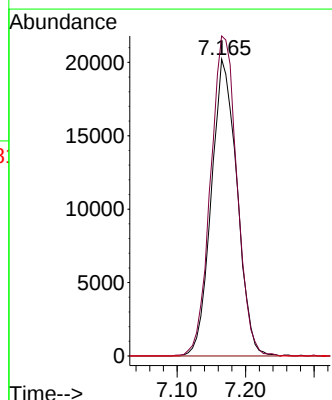
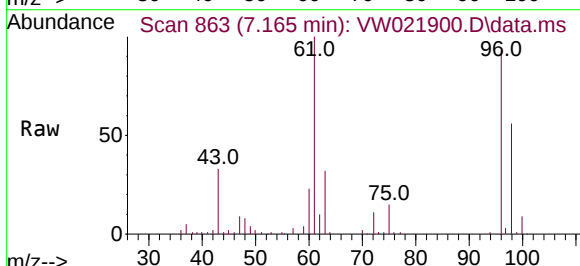
Tgt Ion: 96 Resp: 52515

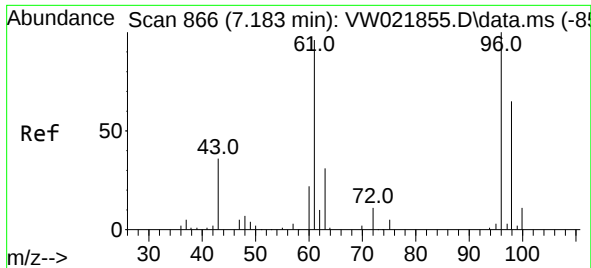
Ion Ratio Lower Upper

96 100

61 107.8 103.7 192.7

68 0.0 0.0 0.0

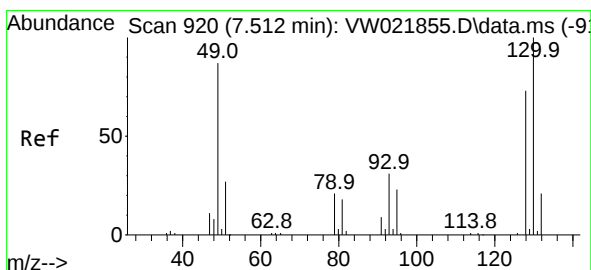
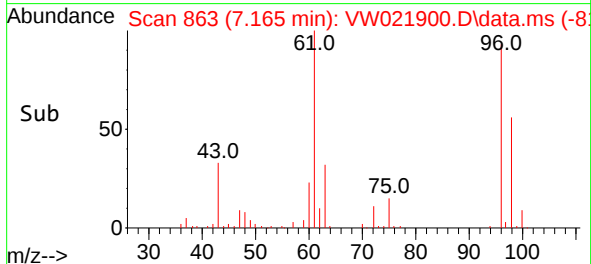
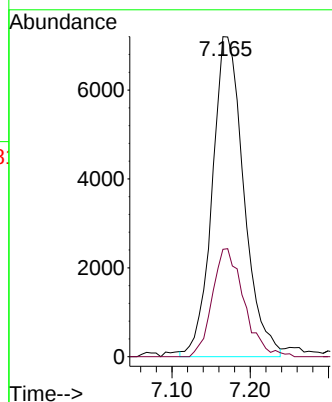
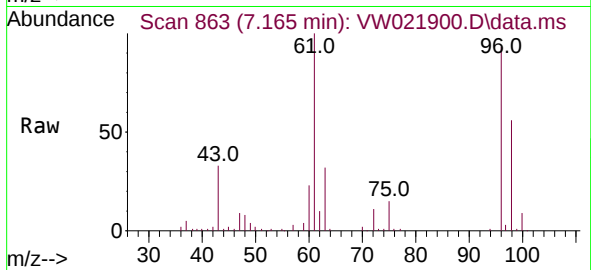




#22
2-Butanone
Concen: 56.427 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.018 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

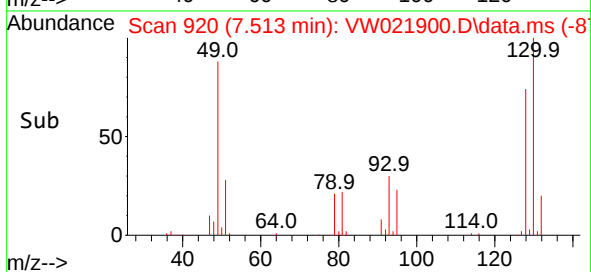
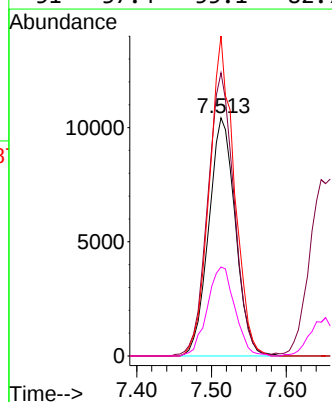
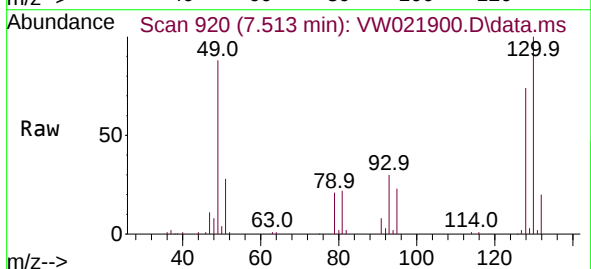
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

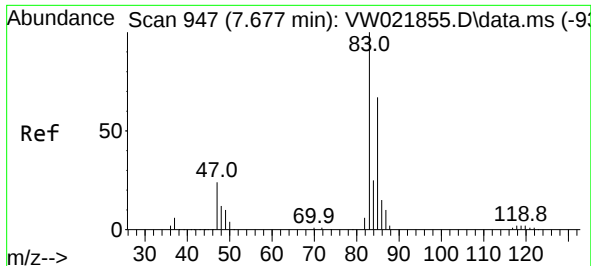
Tgt Ion: 43 Resp: 20197
Ion Ratio Lower Upper
43 100
72 33.1 11.8 35.4



#23
Bromochloromethane
Concen: 24.242 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion: 128 Resp: 25857
Ion Ratio Lower Upper
128 100
49 118.9 150.3 279.1#
130 134.4 88.3 163.9
51 37.4 55.1 82.7#

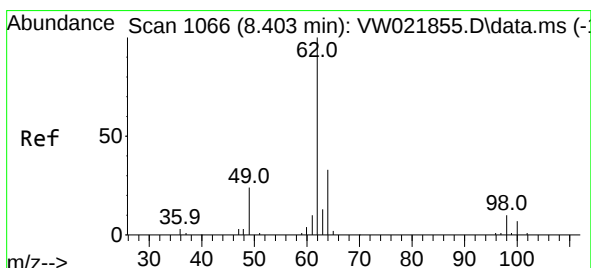
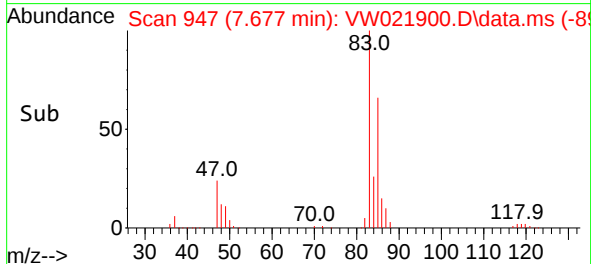
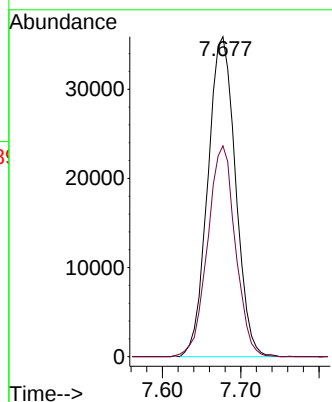
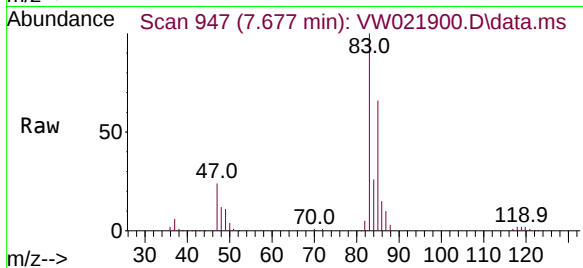




#25
Chloroform
Concen: 24.402 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

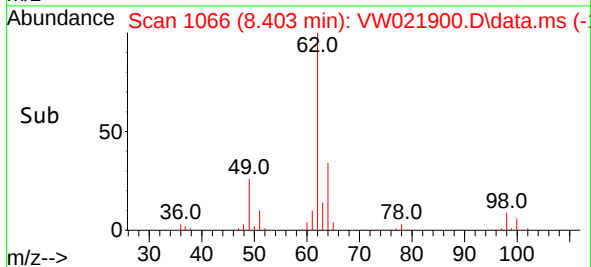
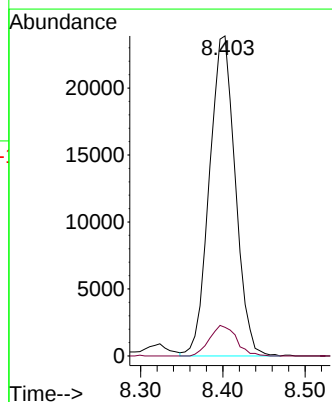
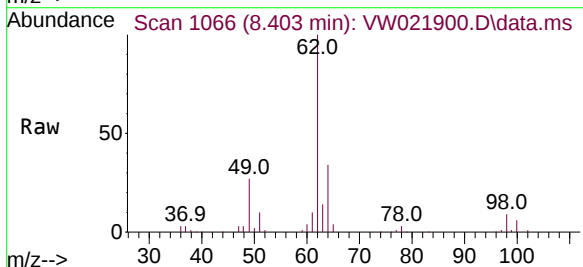
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

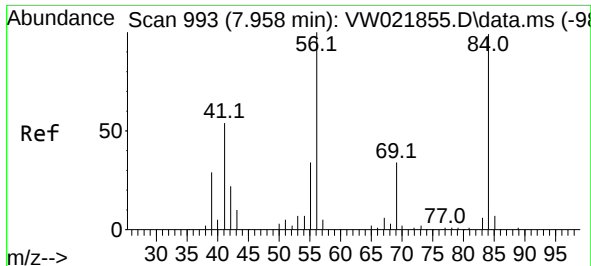
Tgt Ion: 83 Resp: 88232
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.983 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion: 62 Resp: 52310
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7

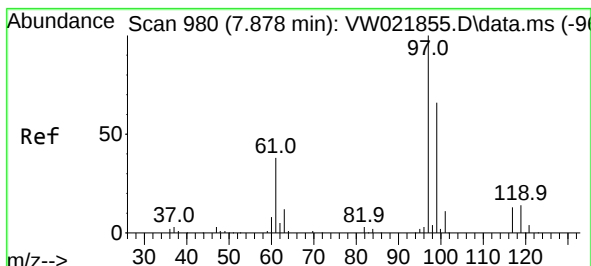
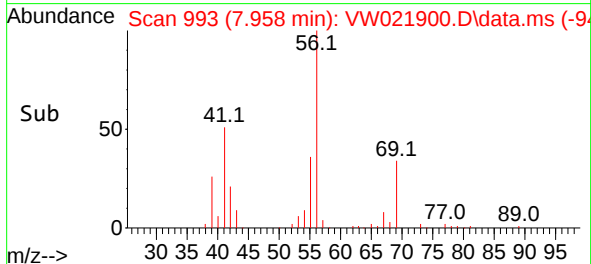
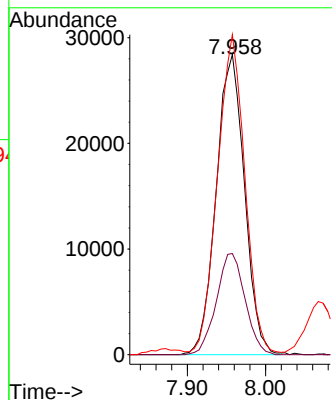
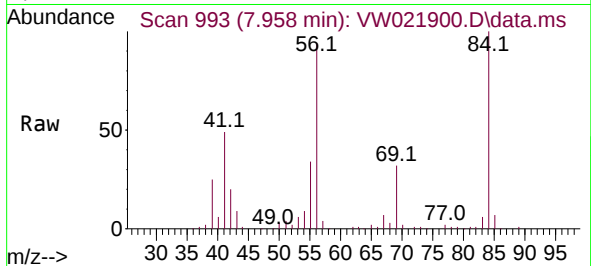




#29
Cyclohexane
Concen: 25.484 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

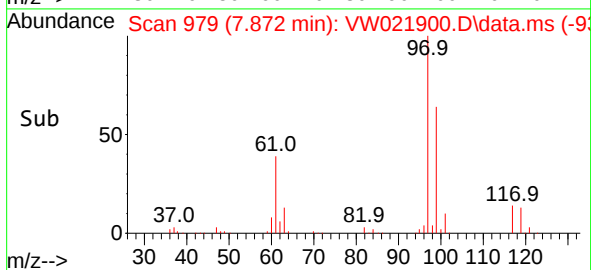
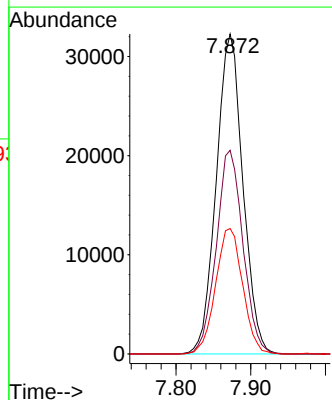
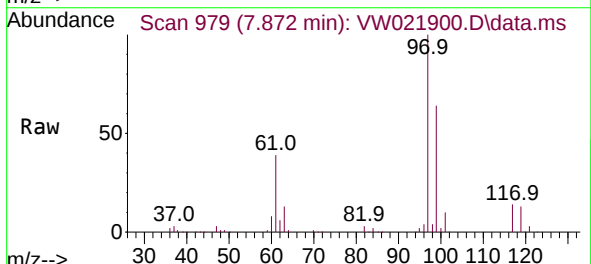
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

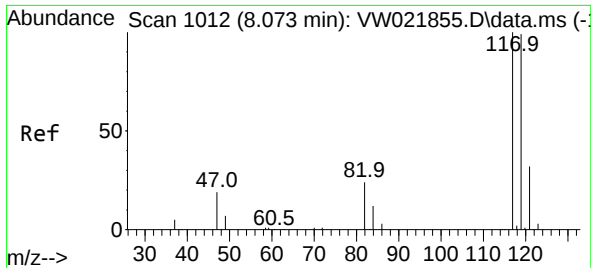
Tgt Ion:	56	Resp:	71351
Ion	Ratio	Lower	Upper
56	100		
69	34.1	23.5	35.3
84	104.0	63.4	95.2#



#30
1,1,1-Trichloroethane
Concen: 24.596 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion:	97	Resp:	79789
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	39.8	40.9	61.3#

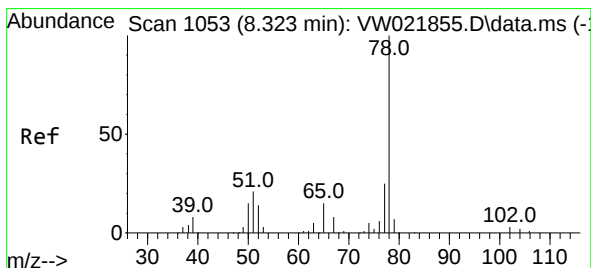
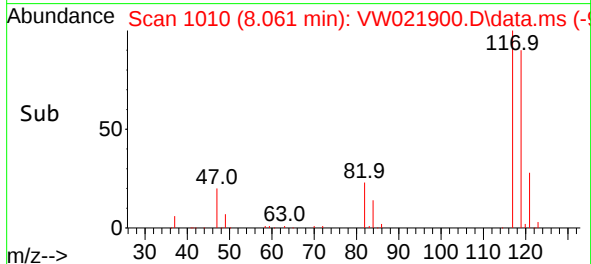
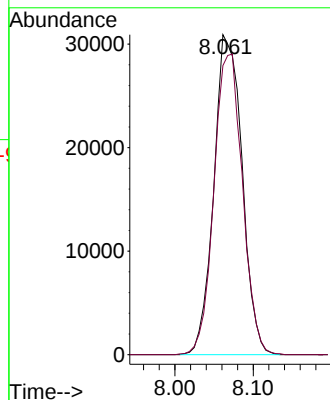
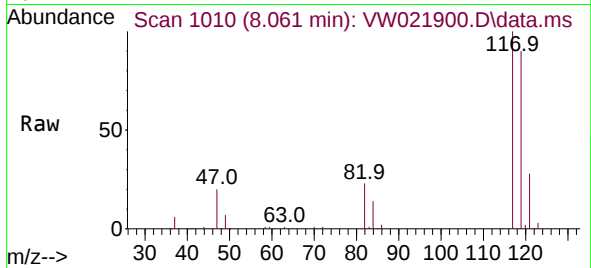




#31
Carbon tetrachloride
Concen: 24.602 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.012 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

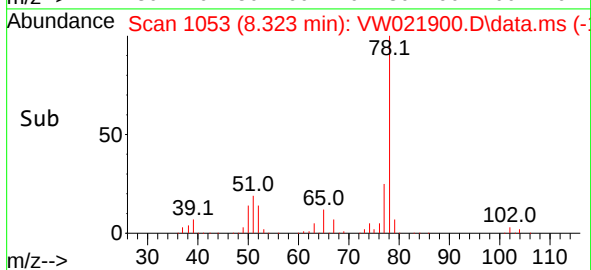
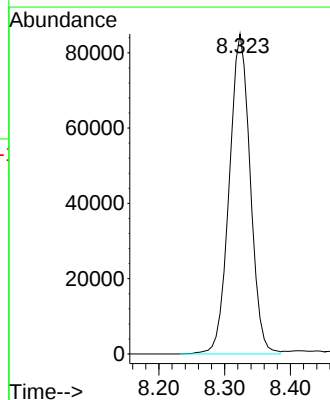
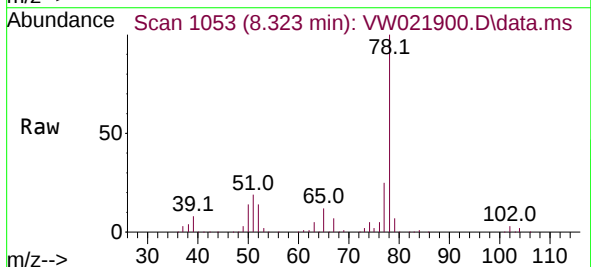
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

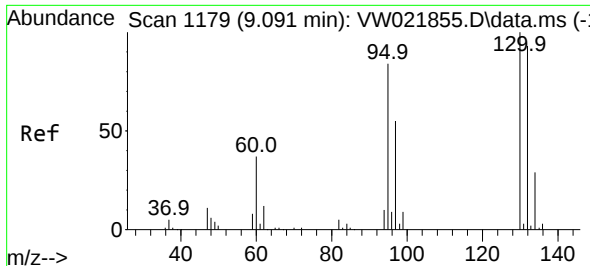
Tgt Ion:117 Resp: 77337
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 24.562 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion: 78 Resp: 188489





#34

Trichloroethene

Concen: 24.372 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion: 95 Resp: 54262

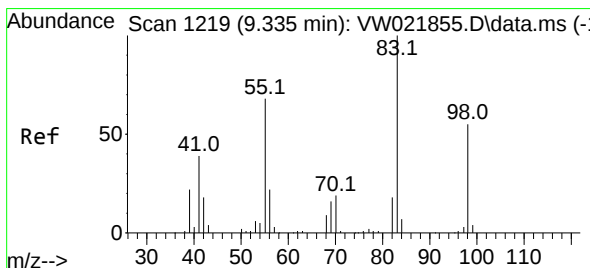
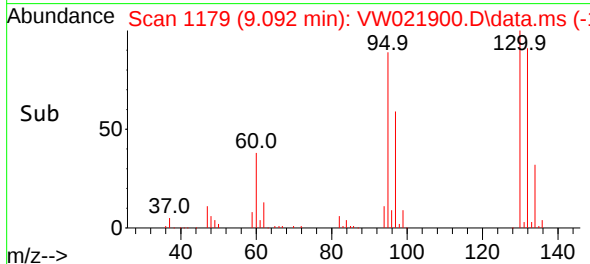
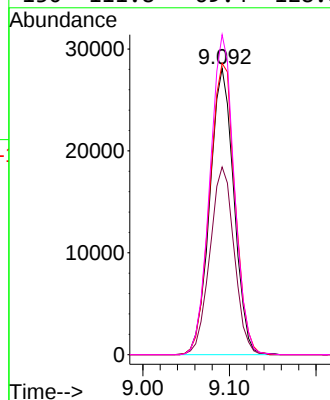
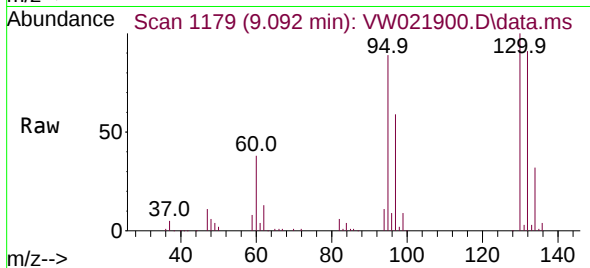
Ion Ratio Lower Upper

95 100

97 65.6 47.0 87.2

132 101.8 65.5 121.6

130 111.8 69.4 128.8



#35

Methylcyclohexane

Concen: 24.919 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

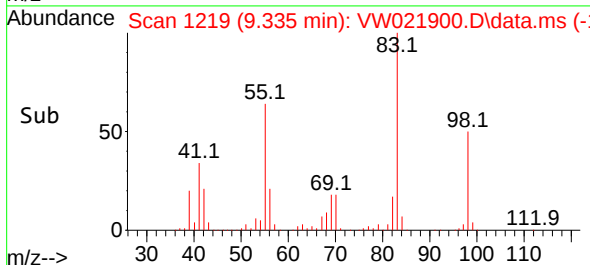
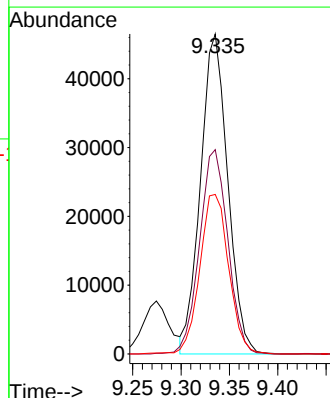
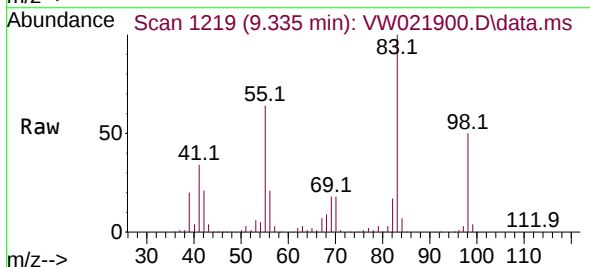
Tgt Ion: 83 Resp: 91237

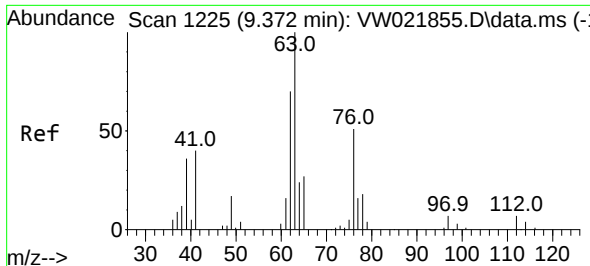
Ion Ratio Lower Upper

83 100

55 66.3 70.8 106.2#

98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.155 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

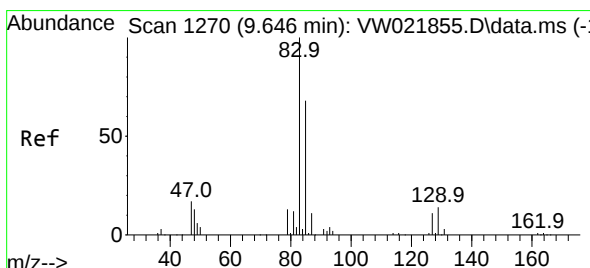
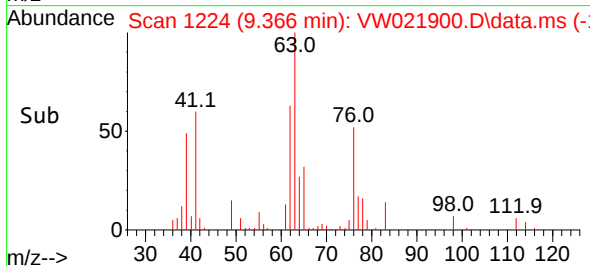
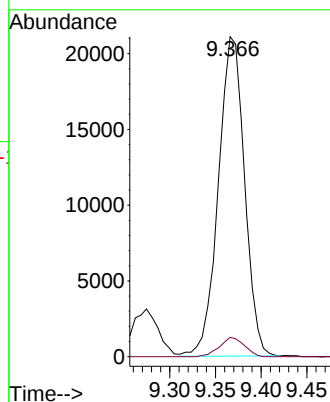
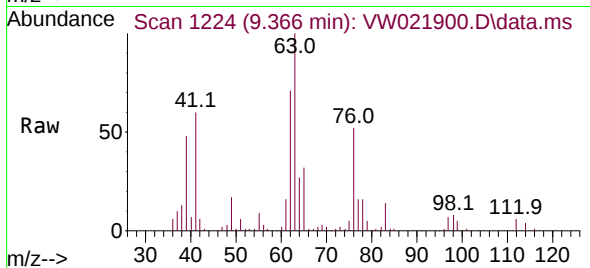
VSTD025536

Tgt Ion: 63 Resp: 42055

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.201 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

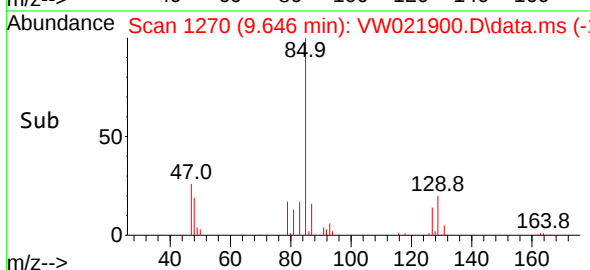
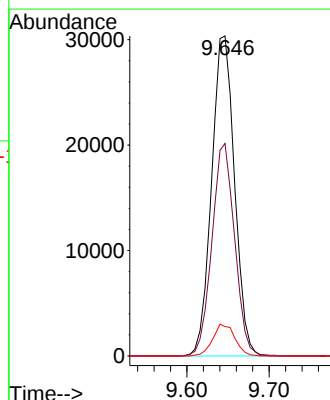
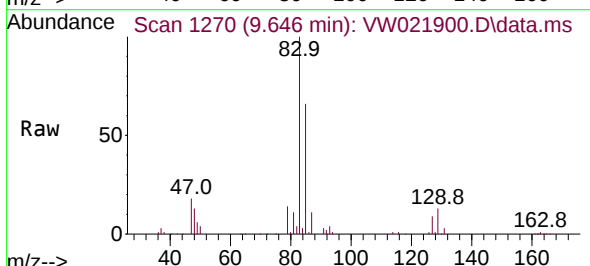
Tgt Ion: 83 Resp: 58815

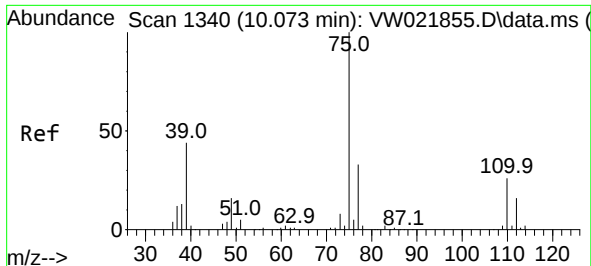
Ion Ratio Lower Upper

83 100

85 66.4 44.1 81.9

127 9.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.044 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

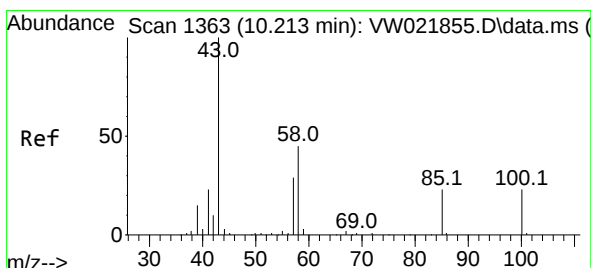
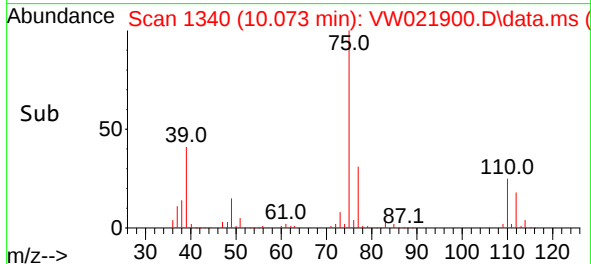
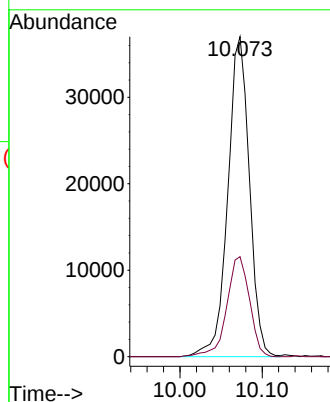
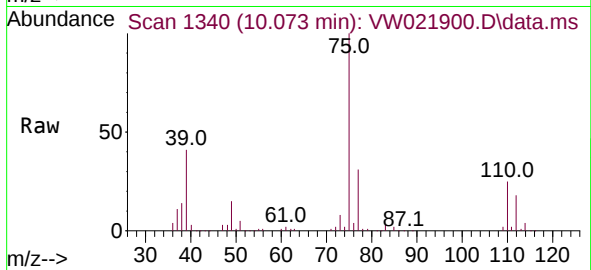
VSTD025536

Tgt Ion: 75 Resp: 67657

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.151 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

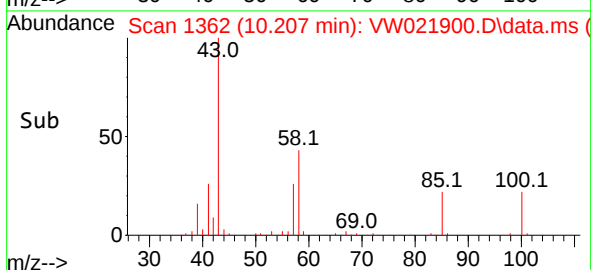
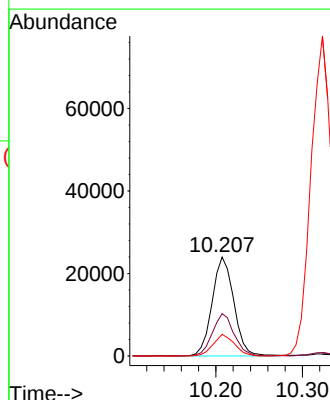
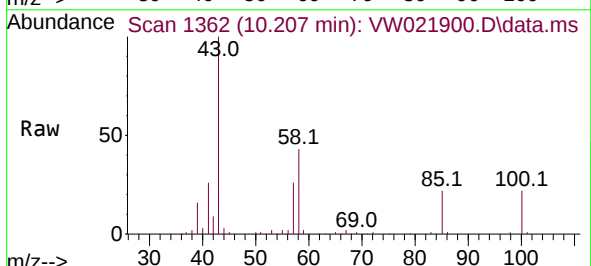
Tgt Ion: 43 Resp: 41742

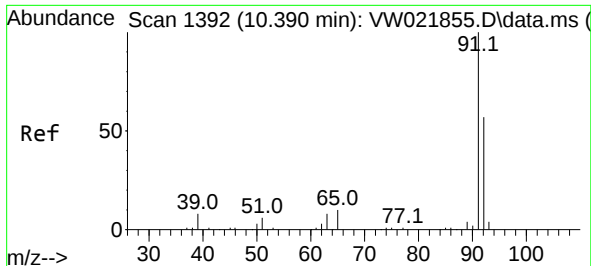
Ion Ratio Lower Upper

43 100

58 42.8 28.8 43.2

100 21.3 10.0 15.0#





#42

Toluene

Concen: 25.482 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

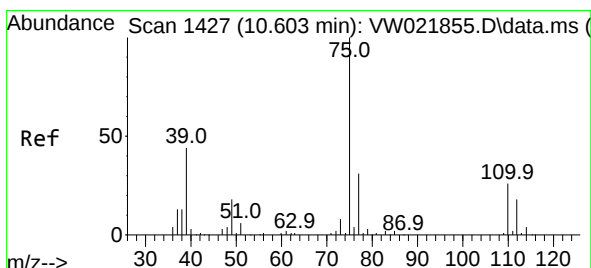
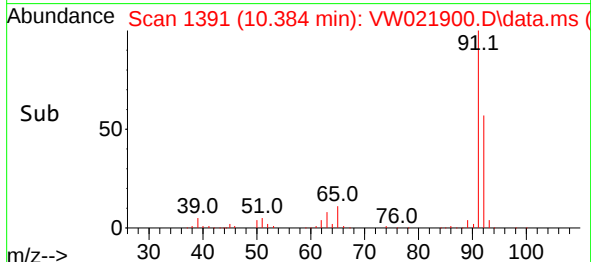
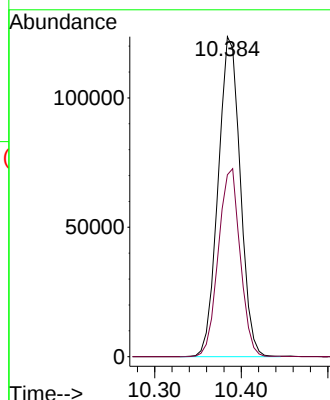
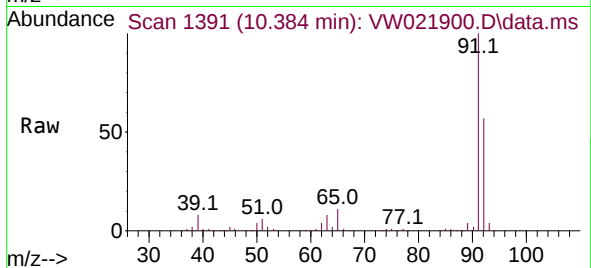
VSTD025536

Tgt Ion: 91 Resp: 219326

Ion Ratio Lower Upper

91 100

92 56.8 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 26.600 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021900.D

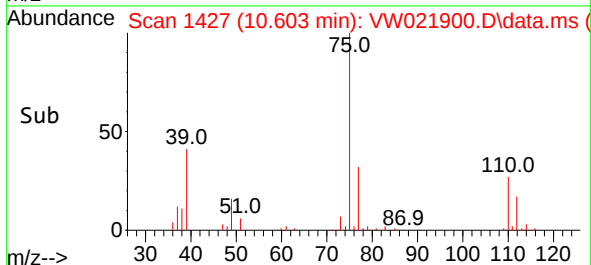
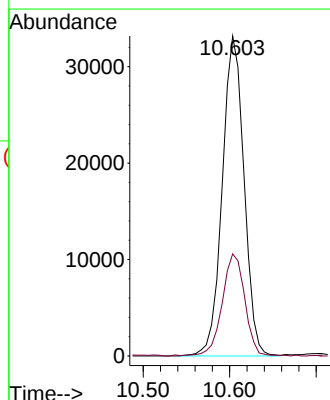
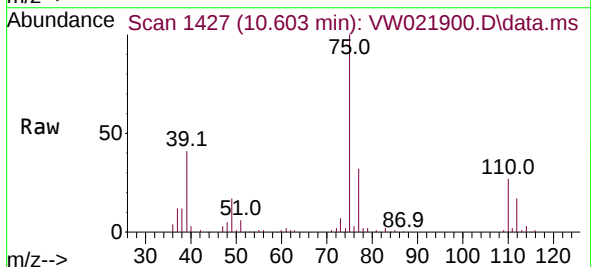
Acq: 14 Jan 2022 08:49

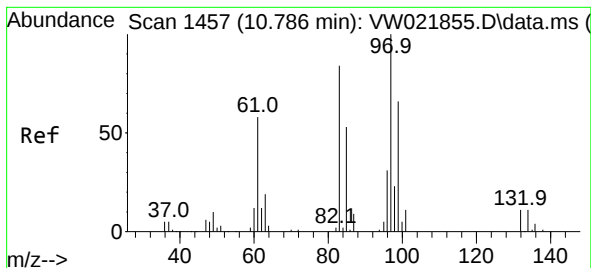
Tgt Ion: 75 Resp: 57836

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 25.211 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

Tgt Ion: 97 Resp: 35785

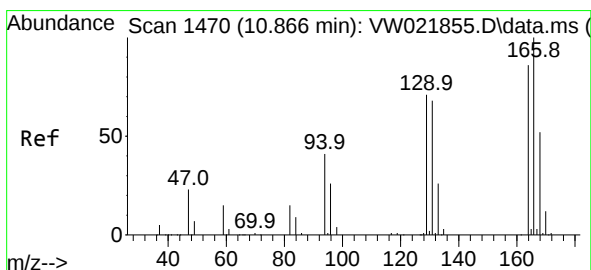
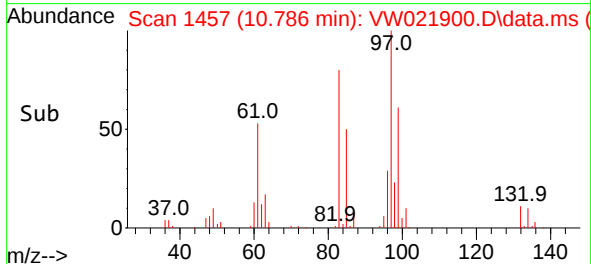
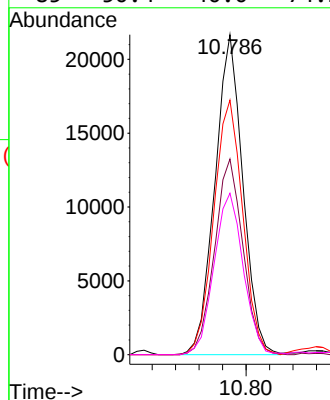
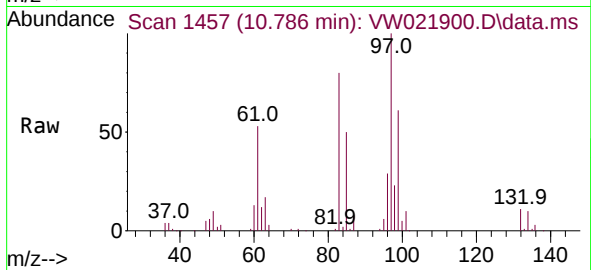
Ion Ratio Lower Upper

97 100

99 61.2 43.0 79.8

83 79.5 62.6 116.3

85 50.4 40.0 74.2



#46

Tetrachloroethene

Concen: 23.843 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Tgt Ion:164 Resp: 52493

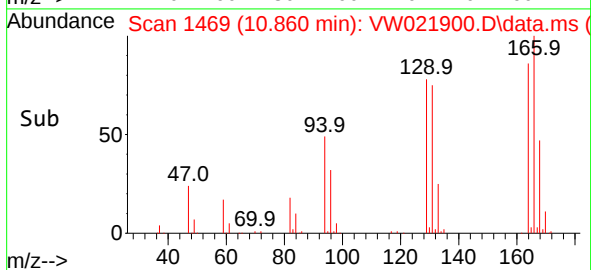
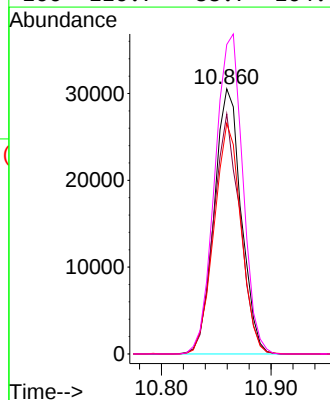
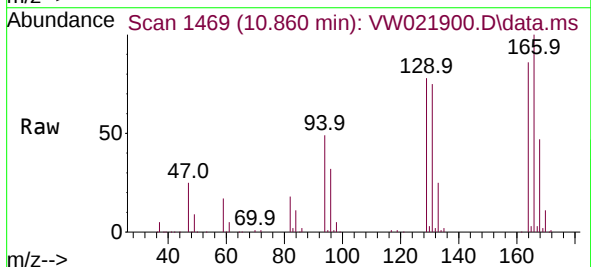
Ion Ratio Lower Upper

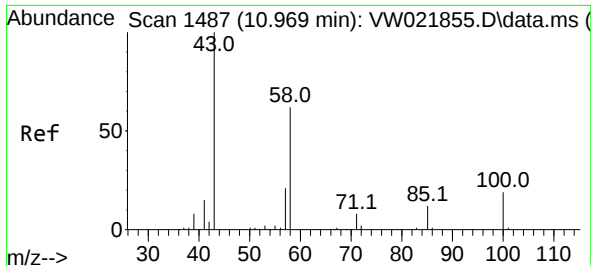
164 100

129 90.5 65.5 121.7

131 87.0 59.7 110.9

166 116.7 88.7 164.7

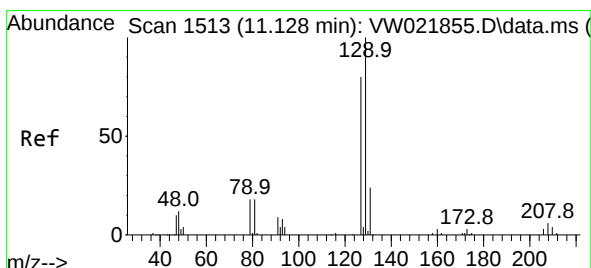
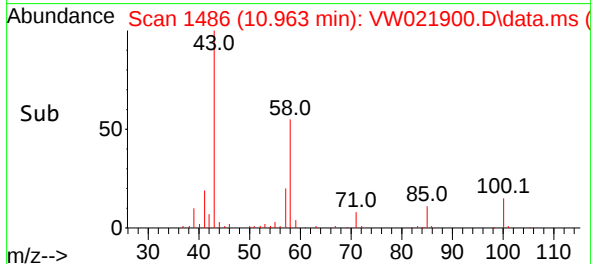
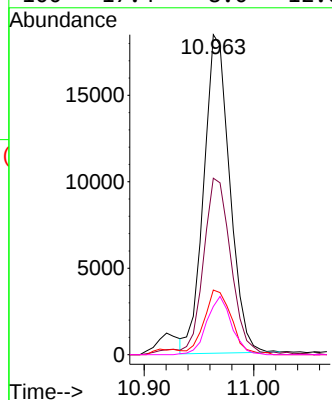
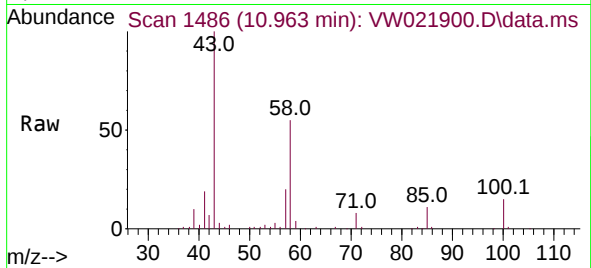




#48
2-Hexanone
Concen: 56.468 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

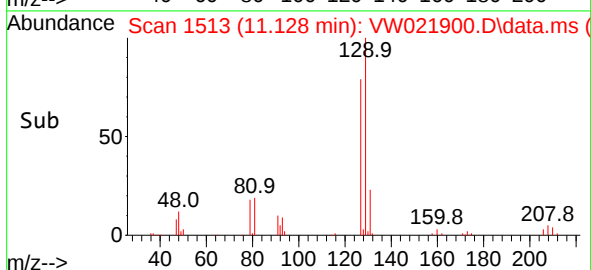
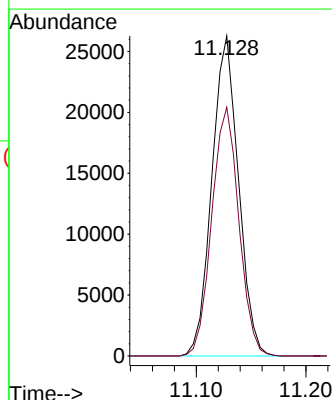
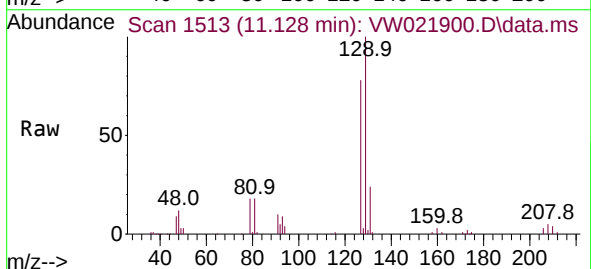
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

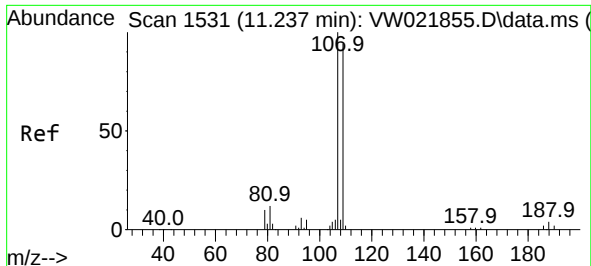
Tgt Ion: 43 Resp: 30343
Ion Ratio Lower Upper
43 100
58 58.1 40.2 60.2
57 21.3 14.3 21.5
100 17.4 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.794 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion:129 Resp: 44344
Ion Ratio Lower Upper
129 100
127 77.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.029 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

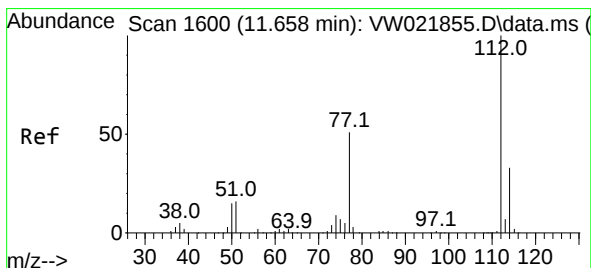
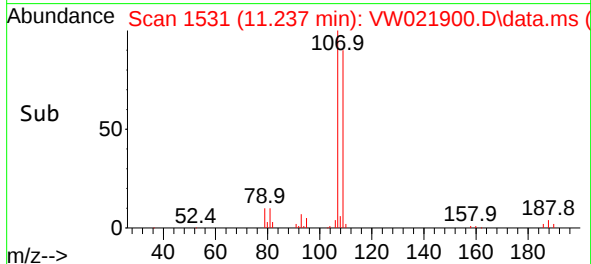
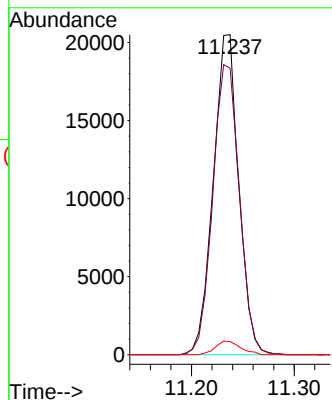
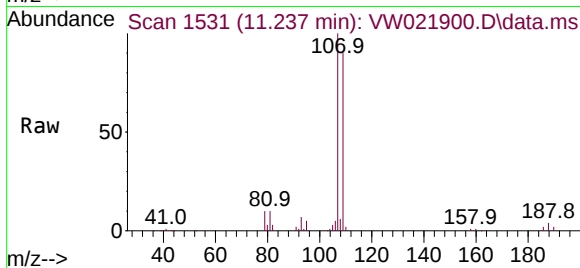
Tgt Ion:107 Resp: 35265

Ion Ratio Lower Upper

107 100

109 89.5 64.1 119.1

188 4.1 2.6 3.8#



#51

Chlorobenzene

Concen: 24.591 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

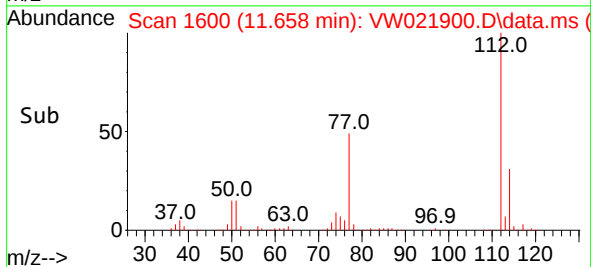
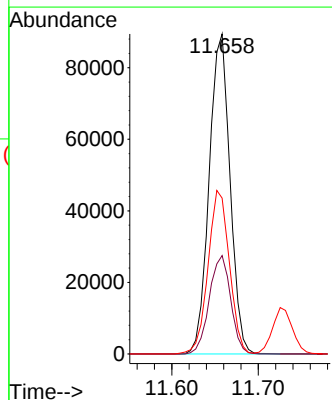
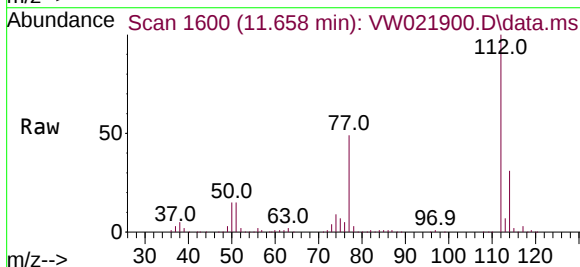
Tgt Ion:112 Resp: 149440

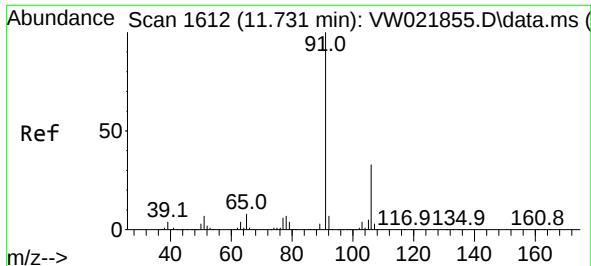
Ion Ratio Lower Upper

112 100

114 30.7 22.4 41.6

77 48.7 50.2 75.4#





#52

Ethylbenzene

Concen: 24.970 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

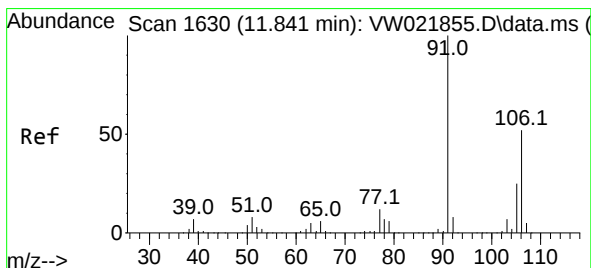
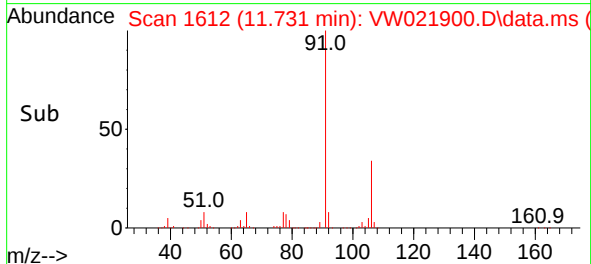
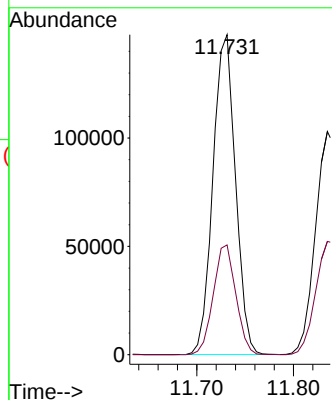
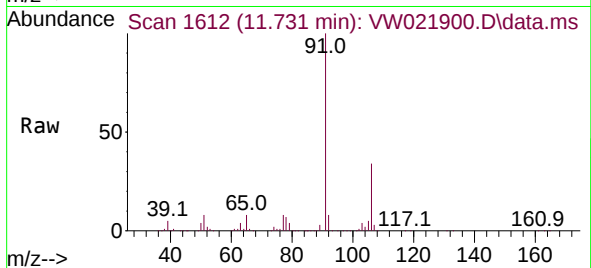
VSTD025536

Tgt Ion: 91 Resp: 238752

Ion Ratio Lower Upper

91 100

106 34.3 21.5 39.9



#53

m,p-Xylene

Concen: 25.320 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021900.D

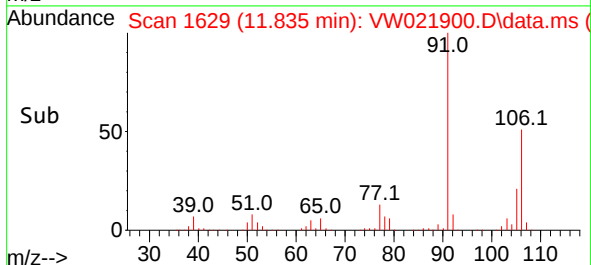
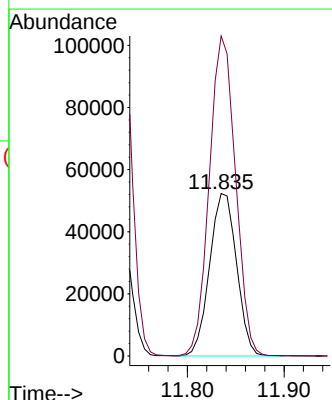
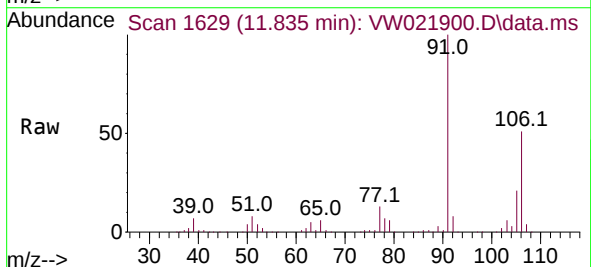
Acq: 14 Jan 2022 08:49

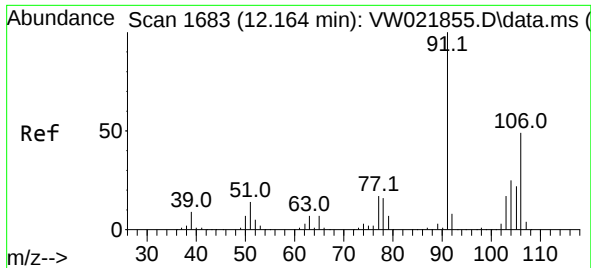
Tgt Ion:106 Resp: 101233

Ion Ratio Lower Upper

106 100

91 197.0 149.9 278.3

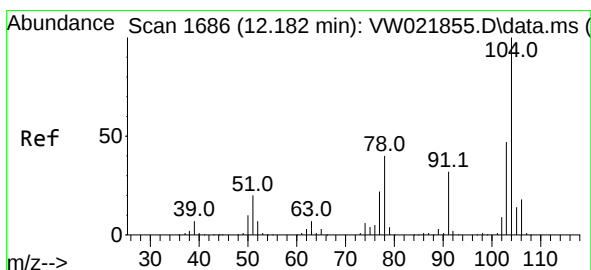
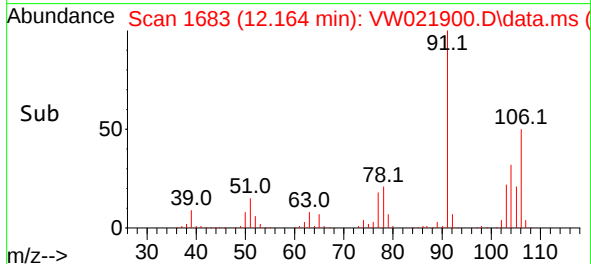
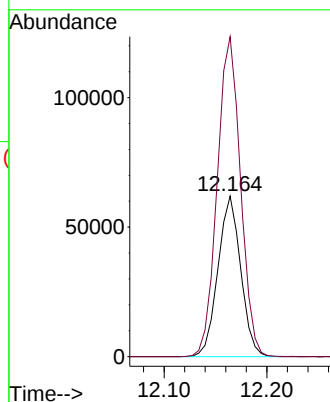
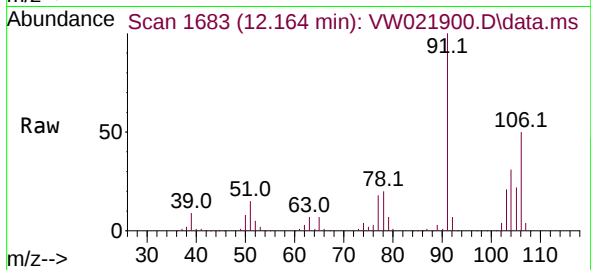




#54
o-Xylene
Concen: 25.646 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

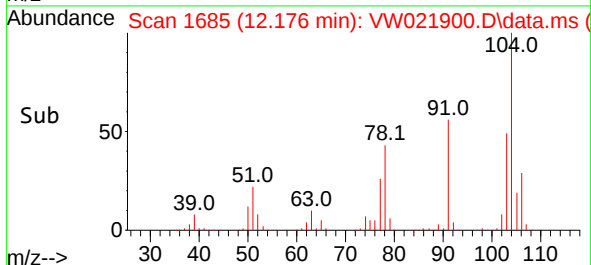
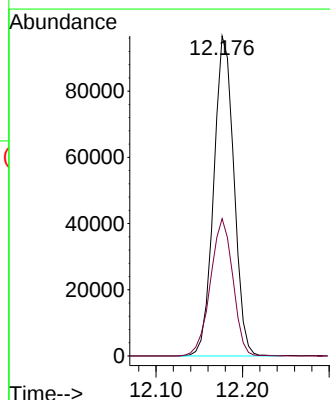
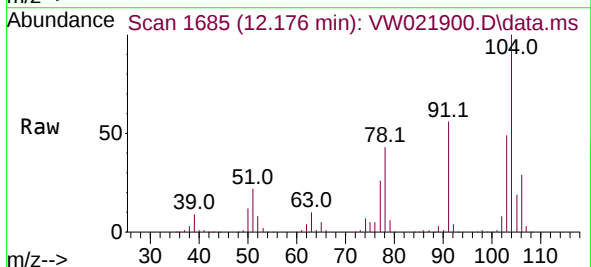
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

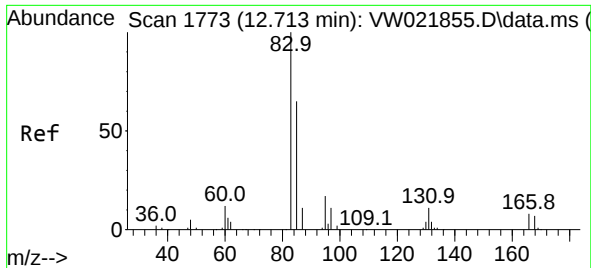
Tgt Ion:106 Resp: 95190
Ion Ratio Lower Upper
106 100
91 199.3 153.6 285.3



#55
Styrene
Concen: 25.549 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion:104 Resp: 156564
Ion Ratio Lower Upper
104 100
78 42.9 34.4 64.0

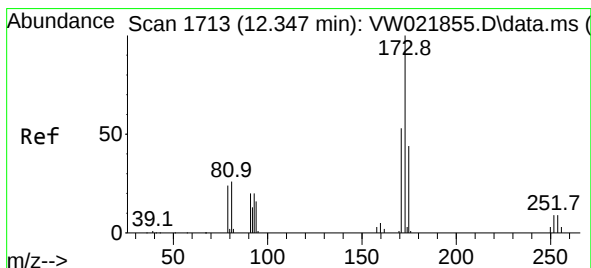
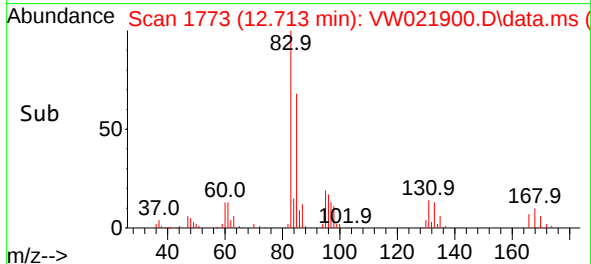
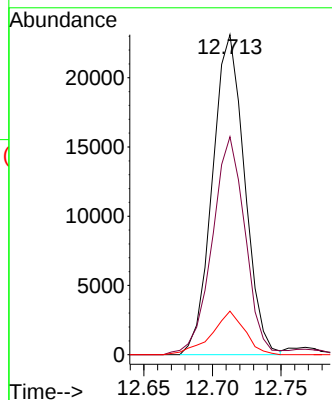
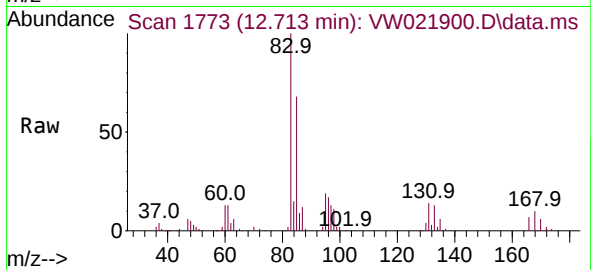




#57
1,1,2,2-Tetrachloroethane
Concen: 24.724 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

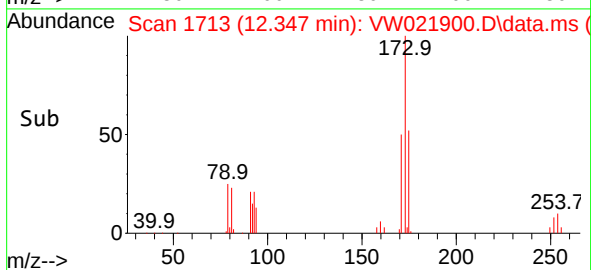
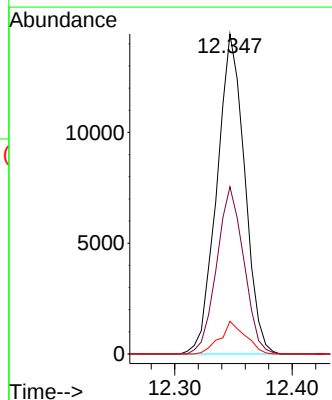
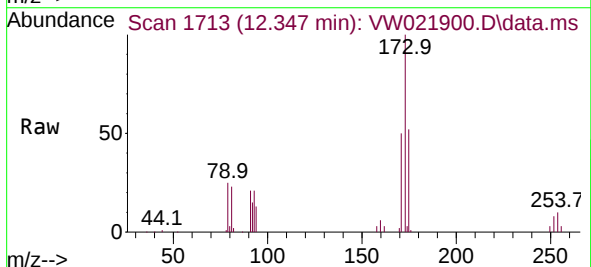
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

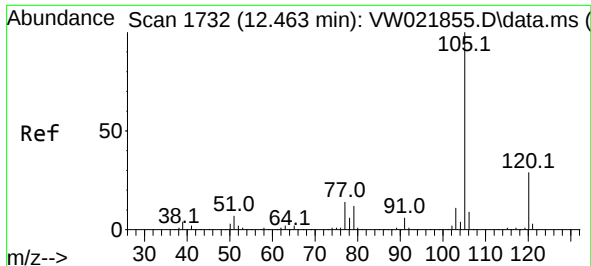
Tgt Ion: 83 Resp: 37759
Ion Ratio Lower Upper
83 100
85 68.1 44.0 81.6
131 13.6 6.9 10.3#



#59
Bromoform
Concen: 23.977 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion:173 Resp: 23735
Ion Ratio Lower Upper
173 100
175 51.0 39.6 59.4
254 9.3 7.4 11.0

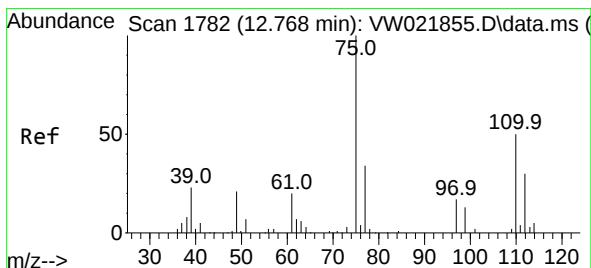
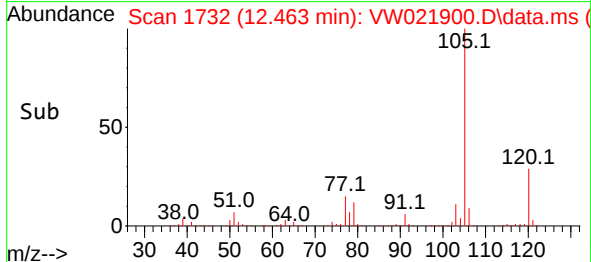
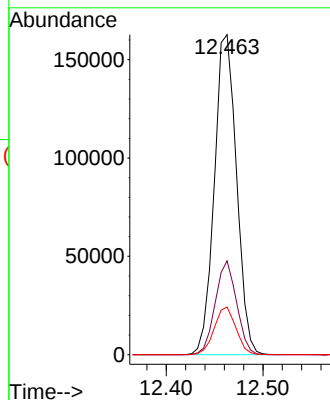
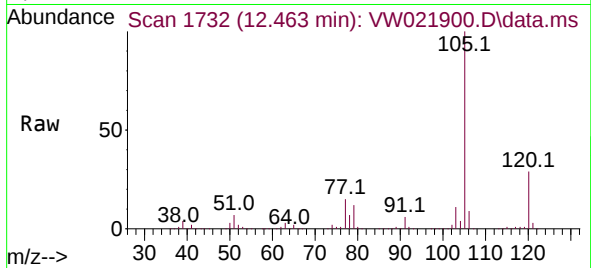




#60
Isopropylbenzene
Concen: 26.239 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

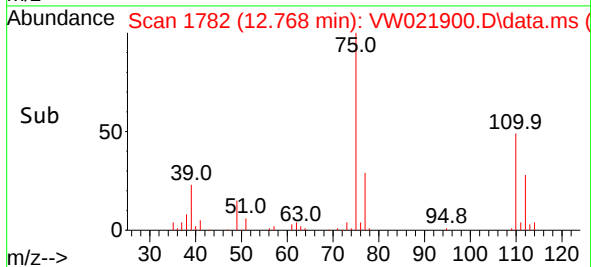
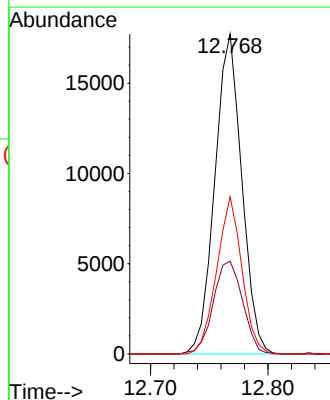
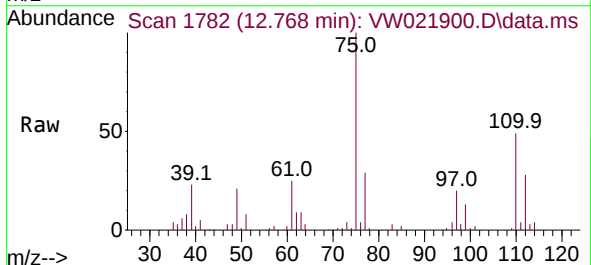
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

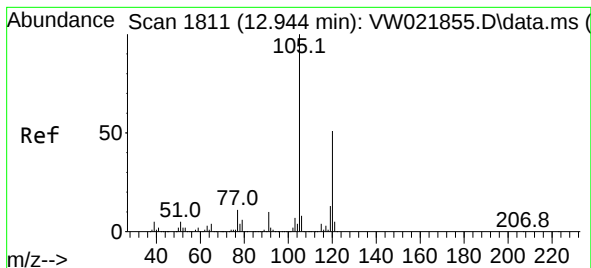
Tgt Ion:105 Resp: 259430
Ion Ratio Lower Upper
105 100
120 28.2 20.1 30.1
77 14.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 27.216 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion: 75 Resp: 28240
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
110 46.0 29.0 43.4#

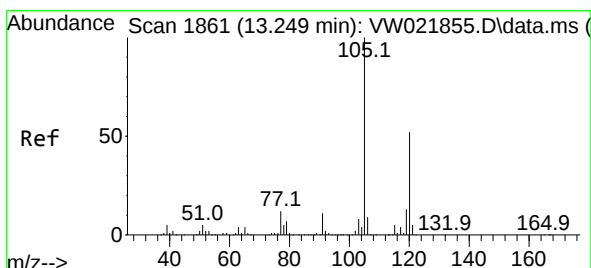
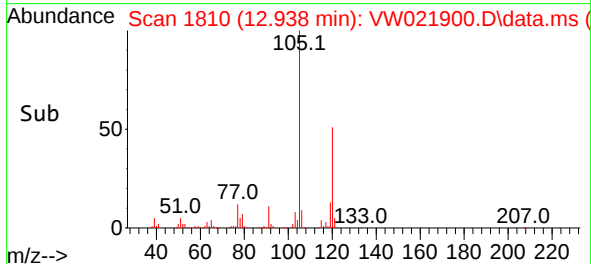
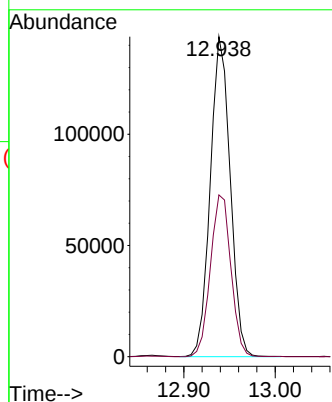
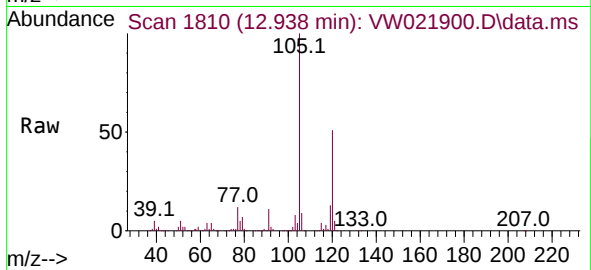




#62
1,3,5-Trimethylbenzene
Concen: 26.563 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

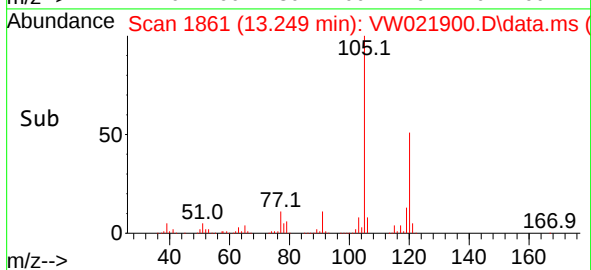
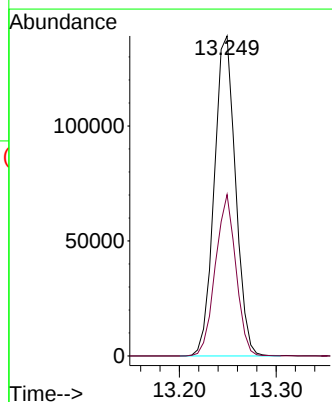
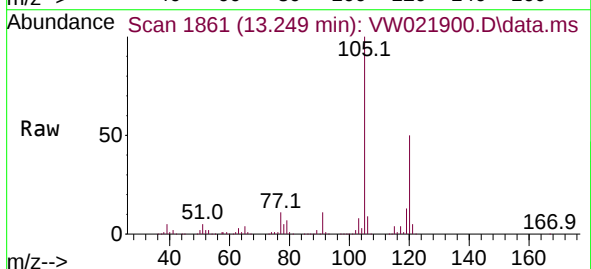
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

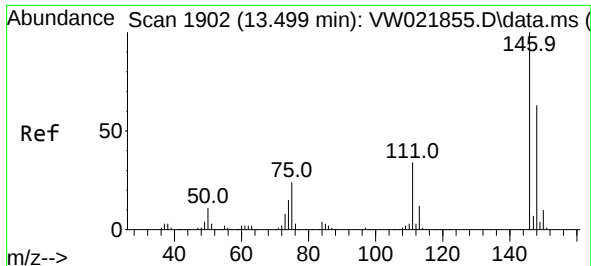
Tgt Ion:105 Resp: 217488
Ion Ratio Lower Upper
105 100
120 52.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.344 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion:105 Resp: 212726
Ion Ratio Lower Upper
105 100
120 48.6 35.0 52.6

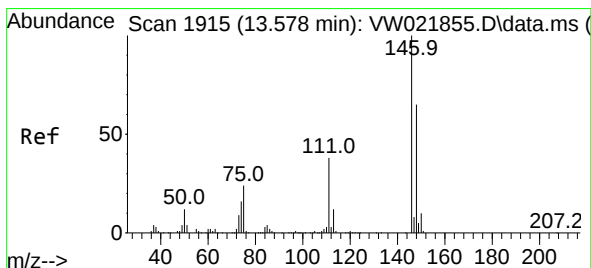
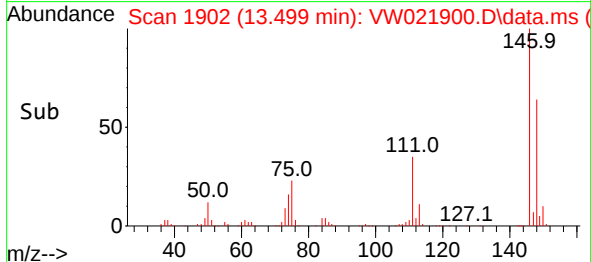
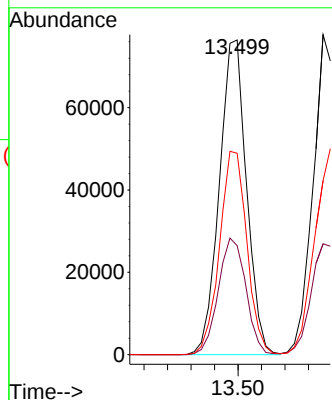
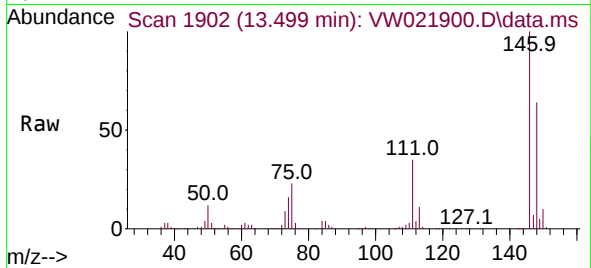




#64
1,3-Dichlorobenzene
Concen: 24.722 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

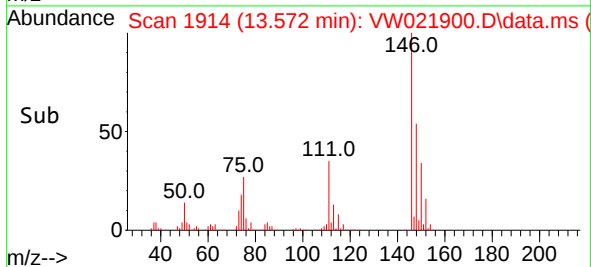
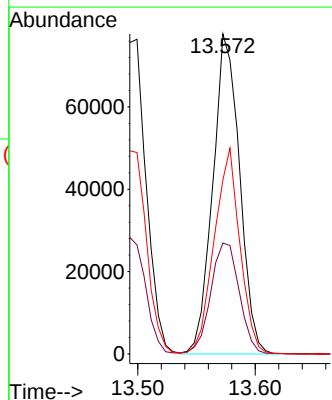
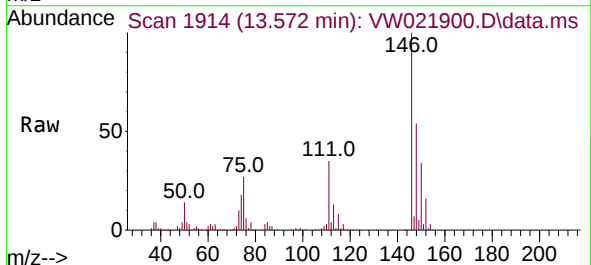
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

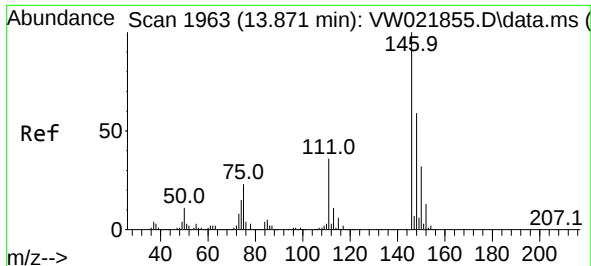
Tgt Ion:146 Resp: 122897
Ion Ratio Lower Upper
146 100
111 34.6 29.8 55.3
148 64.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.093 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion:146 Resp: 123162
Ion Ratio Lower Upper
146 100
111 34.6 29.0 53.9
148 54.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.551 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

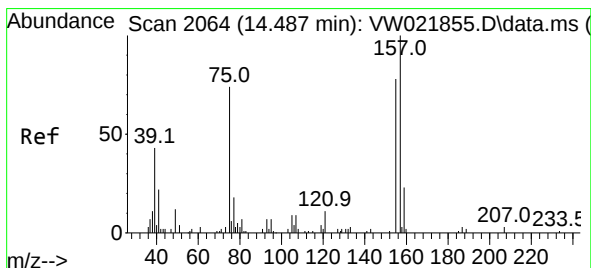
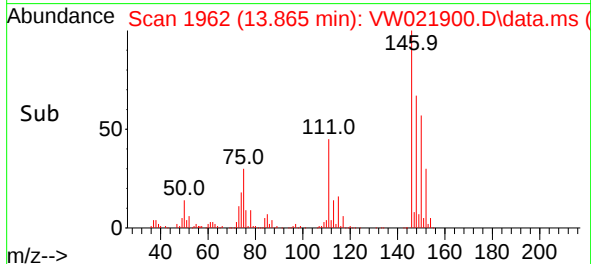
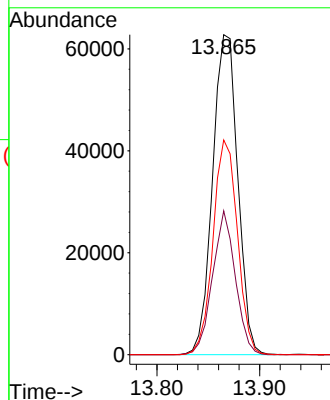
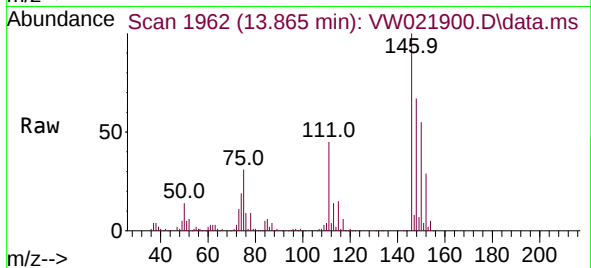
Tgt Ion:146 Resp: 106857

Ion Ratio Lower Upper

146 100

111 45.0 33.1 49.7

148 67.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.951 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

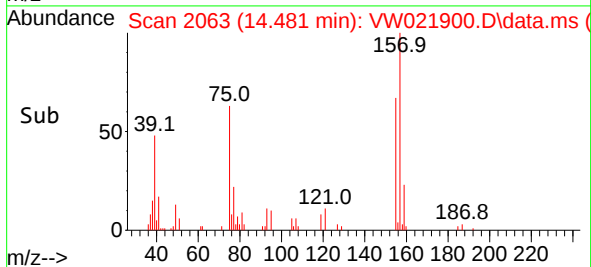
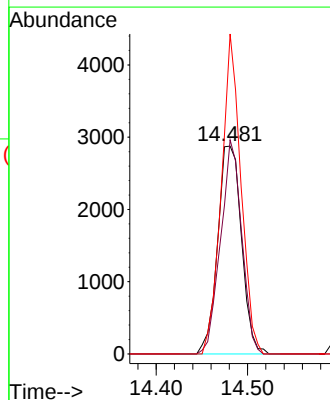
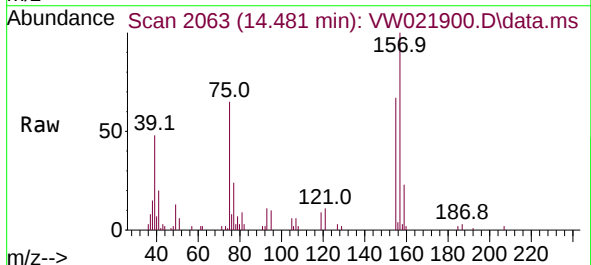
Tgt Ion: 75 Resp: 5200

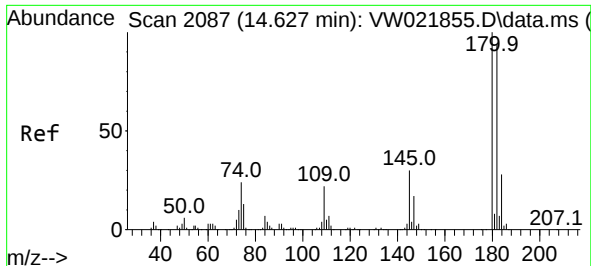
Ion Ratio Lower Upper

75 100

155 103.0 54.2 81.2#

157 154.0 69.4 104.2#

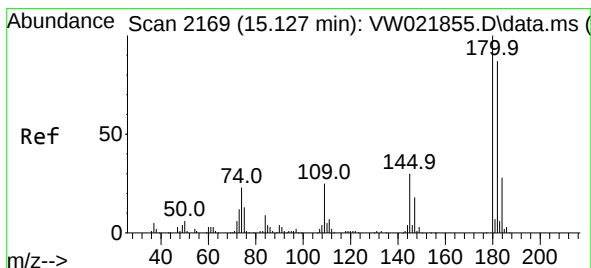
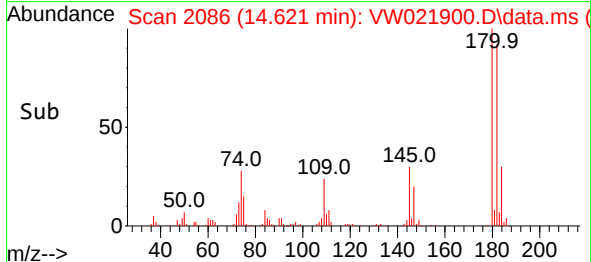
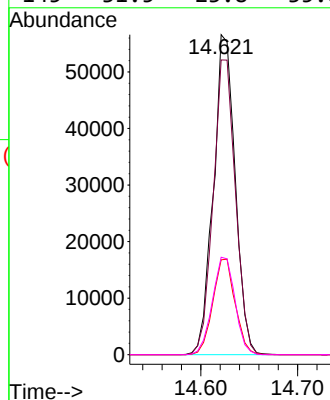
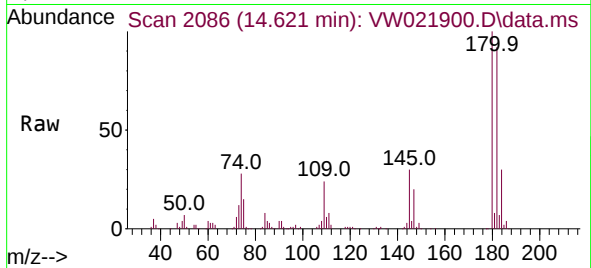




#69
1,3,5-Trichlorobenzene
Concen: 23.970 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

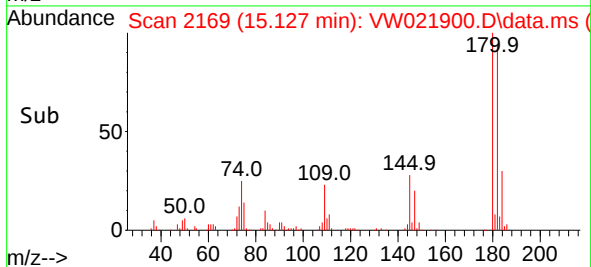
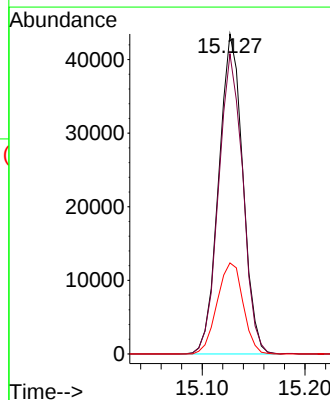
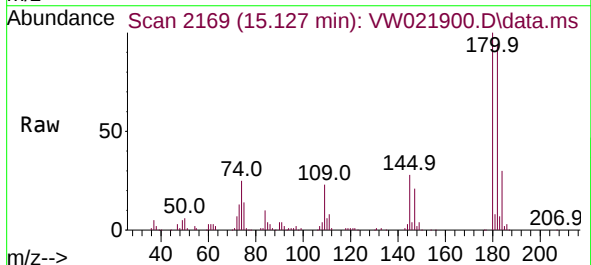
Instrument :
MSVOA_W
ClientSampleId :
VSTD025536

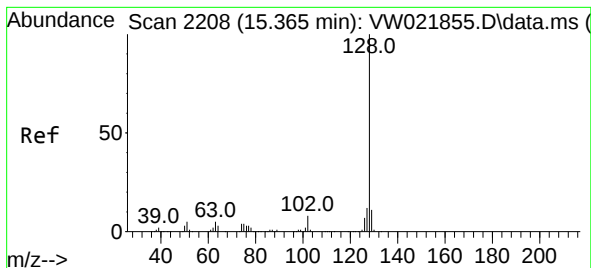
Tgt Ion:180	Resp:	88562
Ion Ratio	Lower	Upper
180	100	
182	94.1	75.4 113.0
184	30.5	23.8 35.8
145	31.5	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 24.041 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021900.D
Acq: 14 Jan 2022 08:49

Tgt Ion:180	Resp:	70777
Ion Ratio	Lower	Upper
180	100	
182	94.2	79.0 118.6
145	30.5	26.0 39.0





#71

Naphthalene

Concen: 24.395 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025536

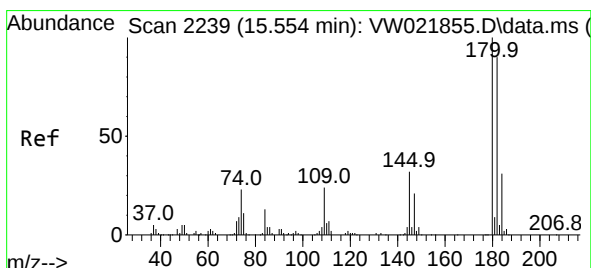
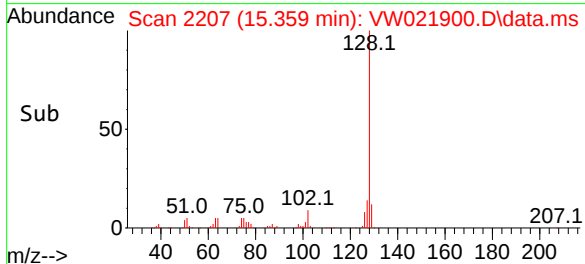
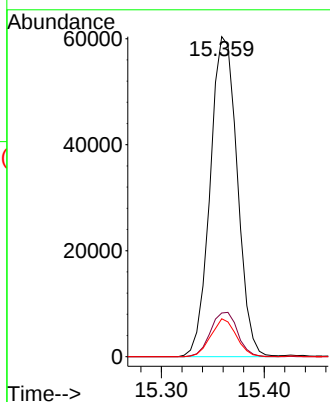
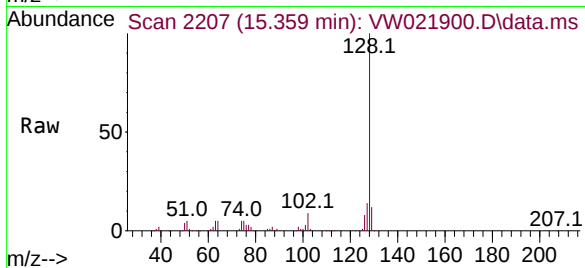
Tgt Ion:128 Resp: 110786

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.968 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021900.D

Acq: 14 Jan 2022 08:49

Tgt Ion:180 Resp: 55839

Ion Ratio Lower Upper

180 100

182 97.4 76.6 114.8

145 33.6 27.4 41.0

