

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011222\
 Data File : VW021855.D
 Acq On : 12 Jan 2022 09:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Jan 12 23:46:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	149521	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	145858	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	80757	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	60638	21.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
7) Chloroethane-d5	2.885	69	43168	17.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	4.025	63	107198	24.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.720%
21) 2-Butanone-d5	7.086	46	19979	50.933	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.860%
24) Chloroform-d	7.653	84	111096	22.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.305	65	52500	22.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.275	84	221740	23.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.274	67	58562	23.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	10.323	98	226290	23.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.880%
43) trans-1,3-Dichloroprop...	10.579	79	24900	23.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.040%
47) 2-Hexanone-d5	10.927	63	17951	53.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	44654	22.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	81855	24.651	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9171	15.559	ug/L	99
3) Chloromethane	2.215	50	44216	20.689	ug/L	99
5) Vinyl chloride	2.367	62	63288	20.614	ug/L	96
6) Bromomethane	2.788	94	42907	19.765	ug/L	100
8) Chloroethane	2.922	64	32368	17.445	ug/L	98
9) Trichlorofluoromethane	3.269	101	54550	23.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	57898	23.314	ug/L	88
12) 1,1-Dichloroethene	4.044	96	52958	23.729	ug/L	81
13) Acetone	4.147	43	14129	43.598	ug/L	90
14) Carbon disulfide	4.385	76	133639	22.871	ug/L	99
15) Methyl Acetate	4.678	43	15591	23.803	ug/L	# 88
16) Methylene chloride	4.921	84	52174	20.389	ug/L	82
17) trans-1,2-Dichloroethene	5.434	96	54774	22.713	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	75813	24.652	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	84255	23.823	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	59373	23.932	ug/L	65
22) 2-Butanone	7.183	43	21027	50.761	ug/L	83
23) Bromochloromethane	7.512	128	28247	22.883	ug/L	# 59
25) Chloroform	7.677	83	95119	22.731	ug/L	96

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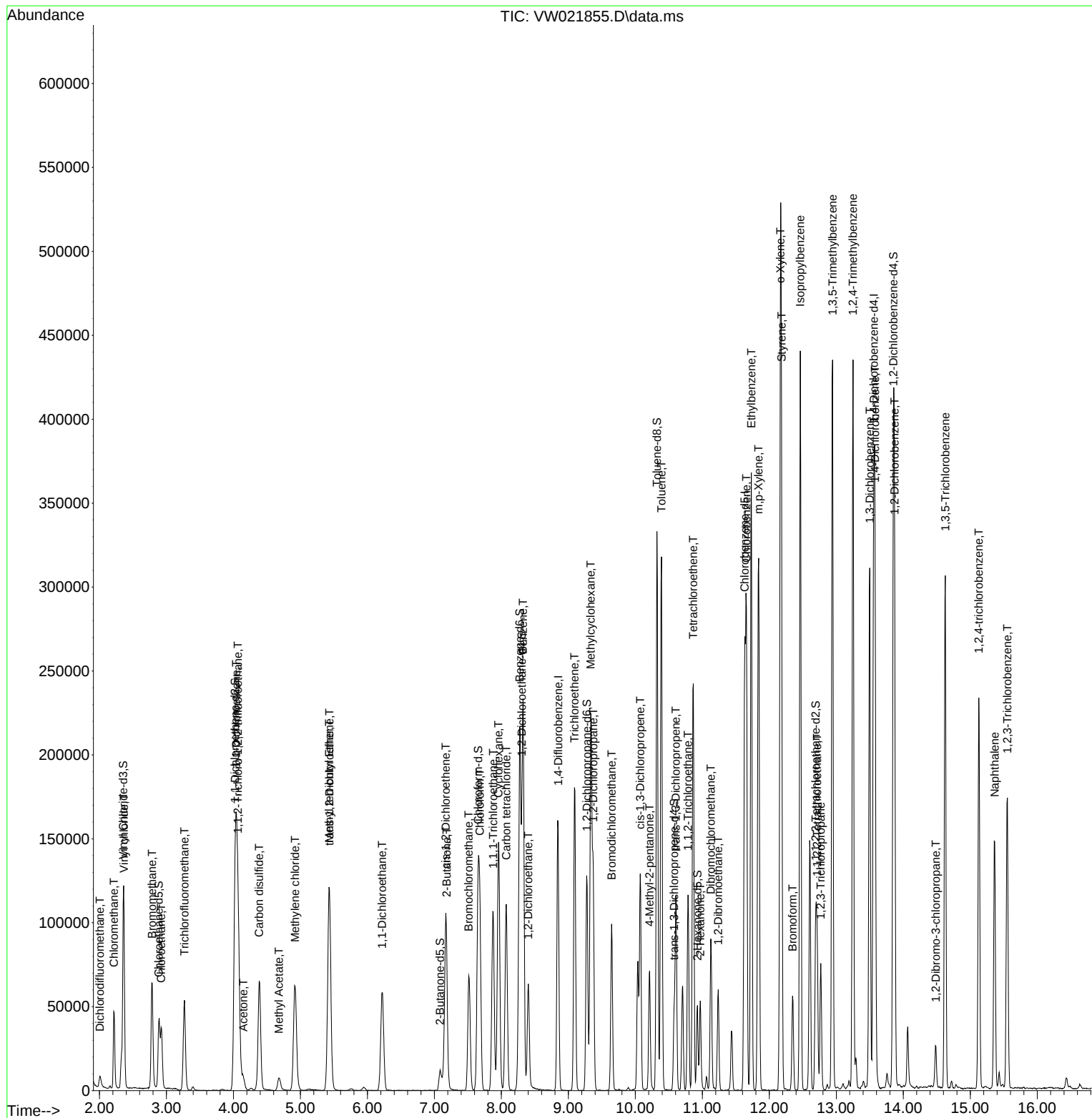
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27) 1,2-Dichloroethane	8.403	62	56023	23.119	ug/L #	95
29) Cyclohexane	7.958	56	80527	24.679	ug/L #	77
30) 1,1,1-Trichloroethane	7.878	97	90496	23.936	ug/L #	91
31) Carbon tetrachloride	8.073	117	86765	23.682	ug/L	99
33) Benzene	8.323	78	207077	23.153	ug/L	100
34) Trichloroethene	9.091	95	60111	23.166	ug/L	85
35) Methylcyclohexane	9.335	83	102688	24.065	ug/L #	80
37) 1,2-Dichloropropane	9.372	63	46671	23.953	ug/L #	95
38) Bromodichloromethane	9.646	83	61760	22.706	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	74732	24.684	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	43682	47.725	ug/L #	85
42) Toluene	10.390	91	240659	23.991	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	62711	24.748	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	37453	22.640	ug/L	94
46) Tetrachloroethene	10.866	164	60624	23.627	ug/L	90
48) 2-Hexanone	10.969	43	31513	50.320	ug/L #	87
49) Dibromochloromethane	11.128	129	48121	23.086	ug/L	99
50) 1,2-Dibromoethane	11.237	107	39034	23.771	ug/L #	97
51) Chlorobenzene	11.658	112	163036	23.019	ug/L	89
52) Ethylbenzene	11.731	91	264300	23.718	ug/L	97
53) m,p-Xylene	11.841	106	112757	24.199	ug/L	86
54) o-Xylene	12.164	106	106427	24.603	ug/L	90
55) Styrene	12.182	104	169889	23.788	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	39788	22.354	ug/L #	94
59) Bromoform	12.347	173	26579	24.140	ug/L	99
60) Isopropylbenzene	12.463	105	287539	26.147	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	28709	24.876	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	244844	26.886	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	238882	26.597	ug/L	91
64) 1,3-Dichlorobenzene	13.499	146	136428	24.675	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	135068	24.741	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	120728	24.939	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	5443	24.422	ug/L #	49
69) 1,3,5-Trichlorobenzene	14.627	180	100296	24.406	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	79964	24.421	ug/L	97
71) Naphthalene	15.365	128	139635	27.644	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	63663	23.544	ug/L	99

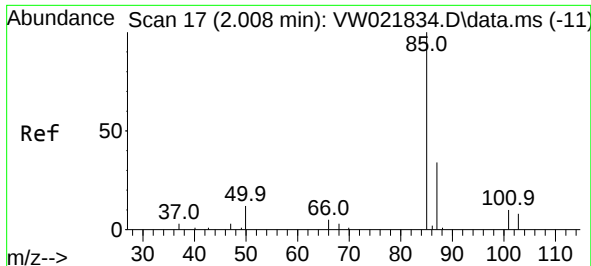
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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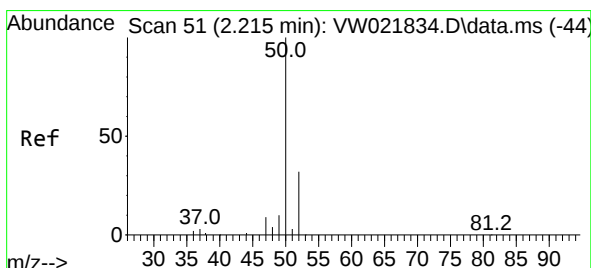
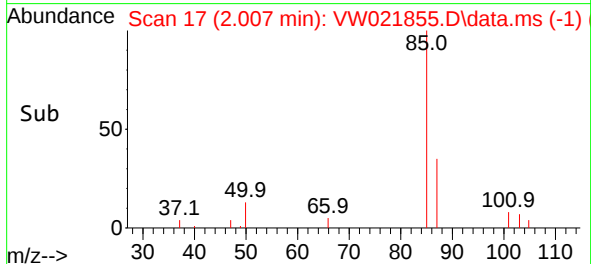
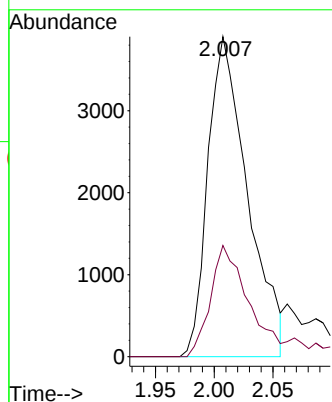
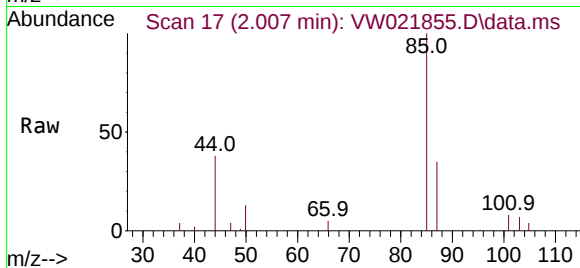




#2
 Dichlorodifluoromethane
 Concen: 15.559 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021855.D
 Acq: 12 Jan 2022 09:01

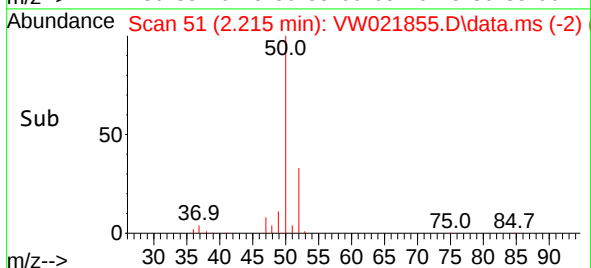
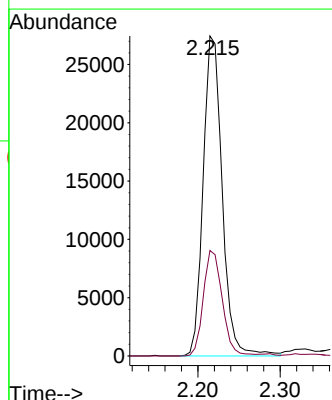
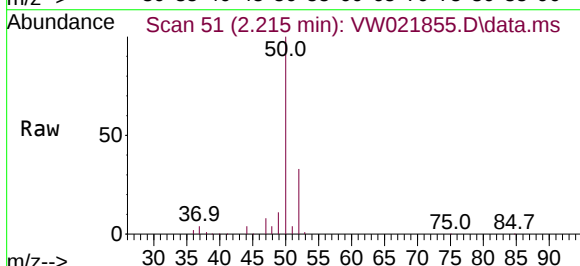
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 ClientSampleId :
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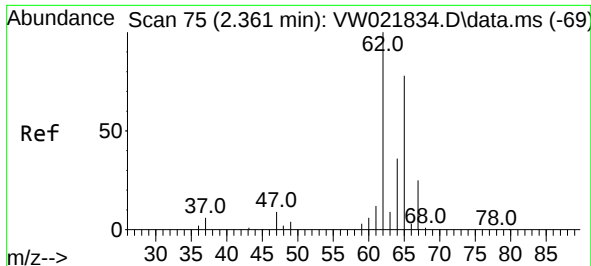
Tgt Ion: 85 Resp: 9171
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 20.689 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021855.D
 Acq: 12 Jan 2022 09:01

Tgt Ion: 50 Resp: 44216
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6

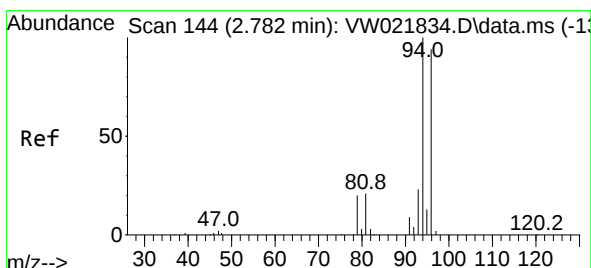
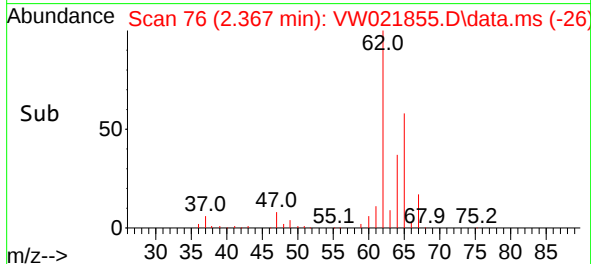
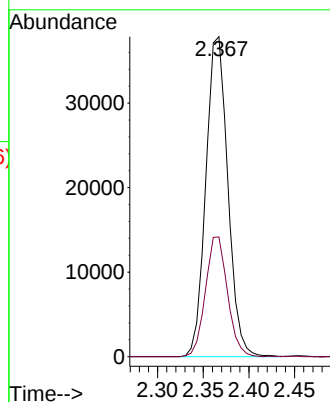
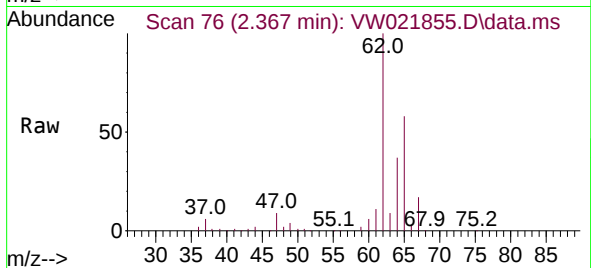




#5
 Vinyl chloride
 Concen: 20.614 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW021855.D
 Acq: 12 Jan 2022 09:01

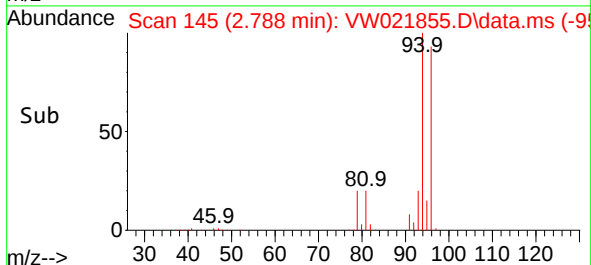
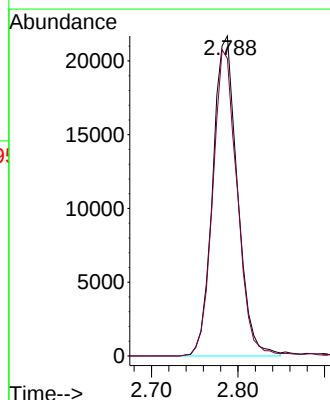
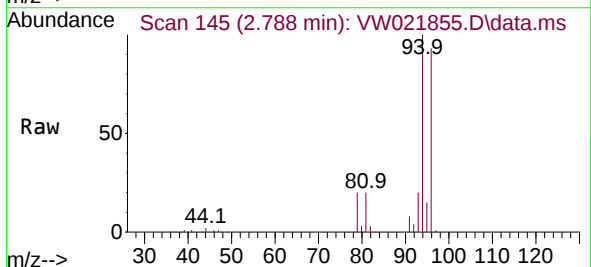
Instrument :
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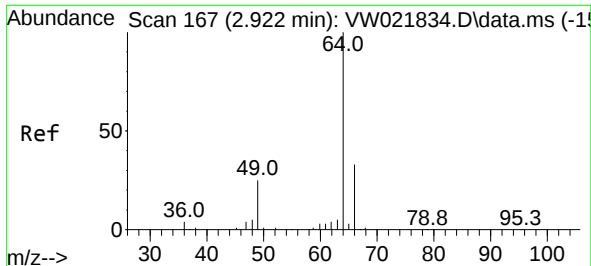
Tgt Ion: 62 Resp: 63288
 Ion Ratio Lower Upper
 62 100
 64 37.4 24.4 45.2



#6
 Bromomethane
 Concen: 19.765 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW021855.D
 Acq: 12 Jan 2022 09:01

Tgt Ion: 94 Resp: 42907
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.8 120.4

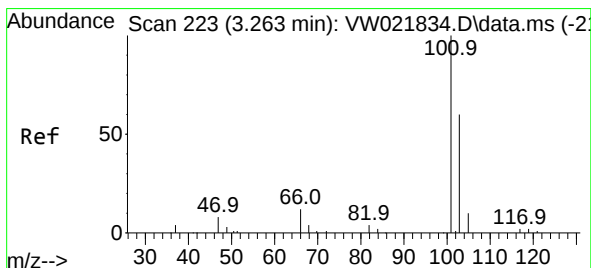
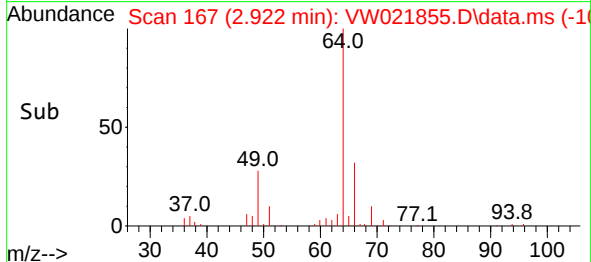
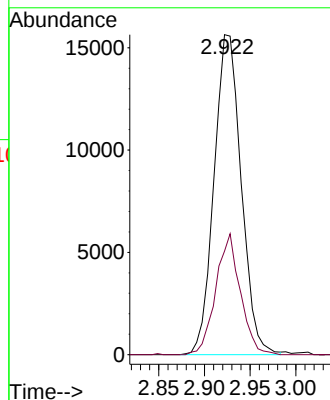
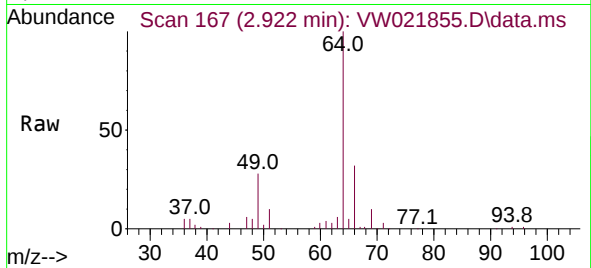




#8
Chloroethane
Concen: 17.445 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

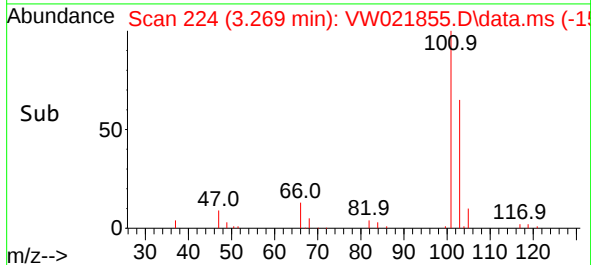
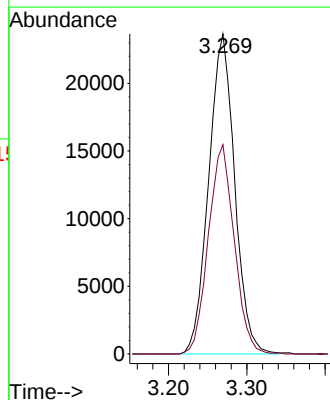
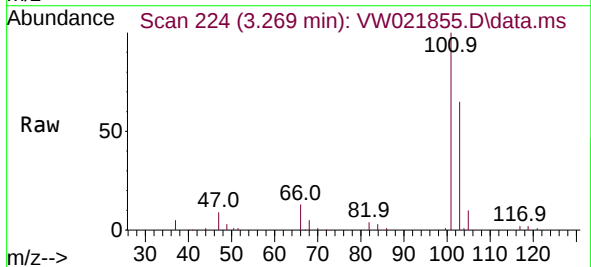
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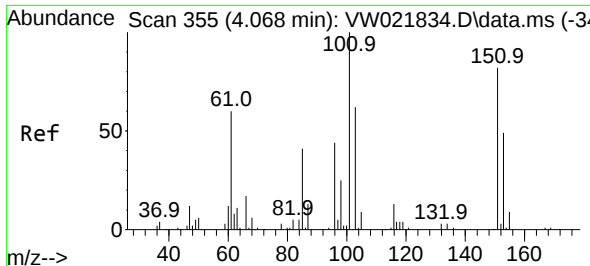
Tgt Ion: 64 Resp: 32368
Ion Ratio Lower Upper
64 100
66 32.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.910 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion:101 Resp: 54550
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

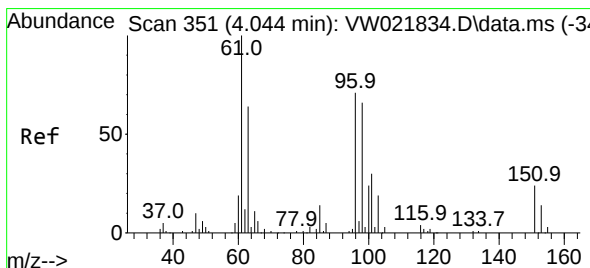
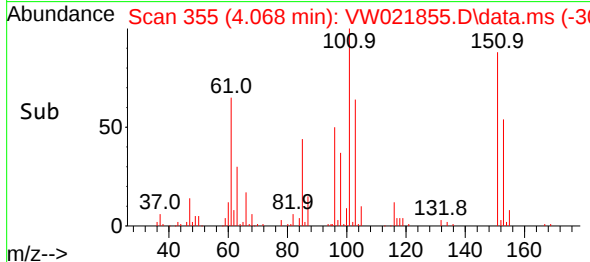
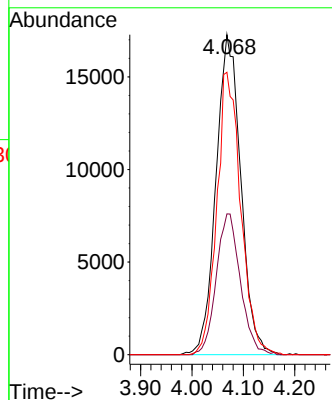
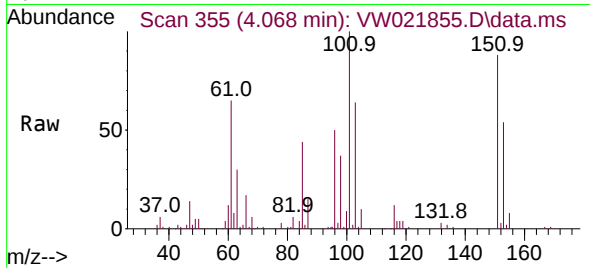




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.314 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW021855.D
 Acq: 12 Jan 2022 09:01

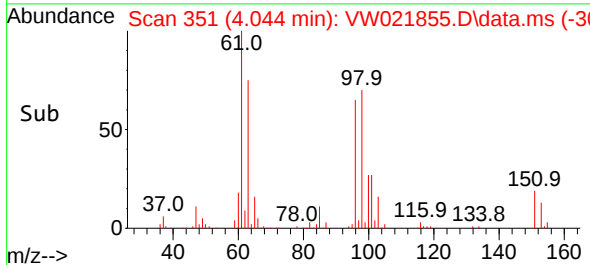
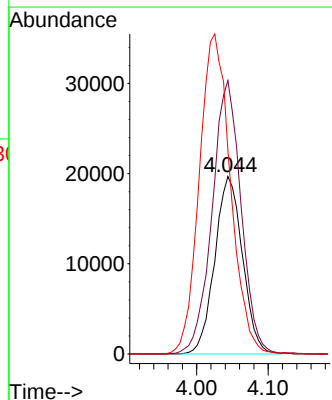
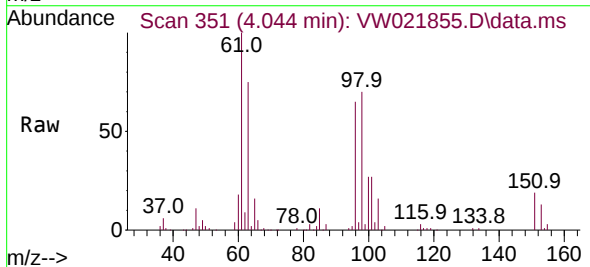
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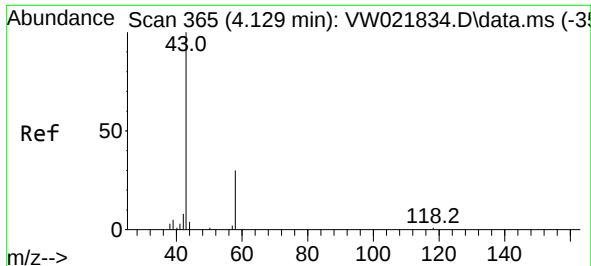
Tgt Ion:101 Resp: 57898
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.6 54.8
 151 85.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.729 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW021855.D
 Acq: 12 Jan 2022 09:01

Tgt Ion: 96 Resp: 52958
 Ion Ratio Lower Upper
 96 100
 61 154.1 138.3 256.9
 63 114.9 82.6 153.4





#13

Acetone

Concen: 43.598 ug/L

RT: 4.147 min Scan# 368

Delta R.T. 0.018 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

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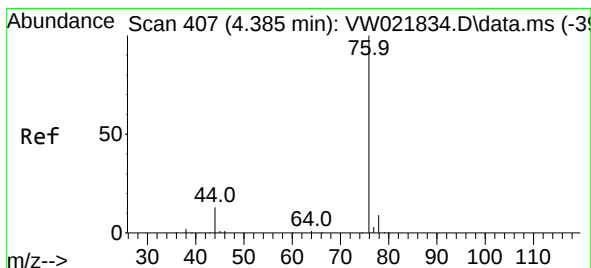
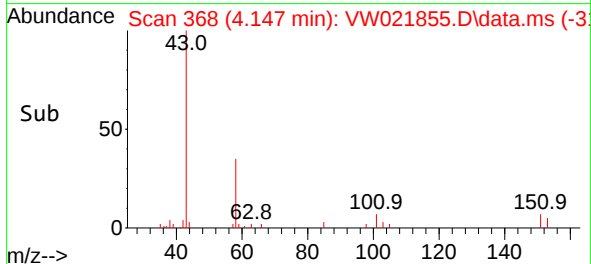
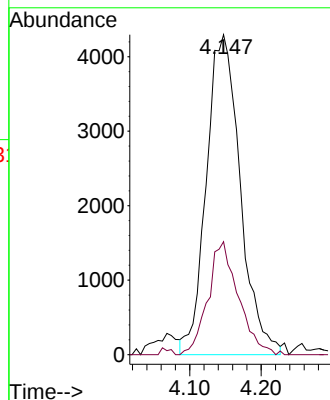
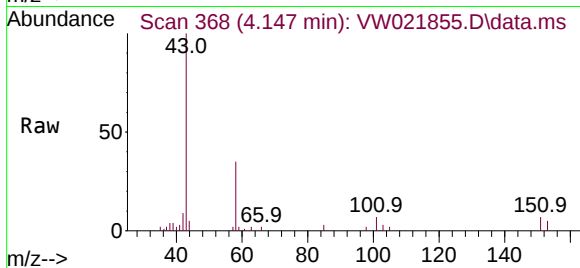
VSTD025532

Tgt Ion: 43 Resp: 14129

Ion Ratio Lower Upper

43 100

58 31.6 0.0 52.8



#14

Carbon disulfide

Concen: 22.871 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021855.D

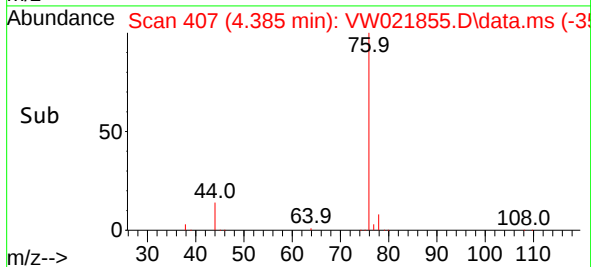
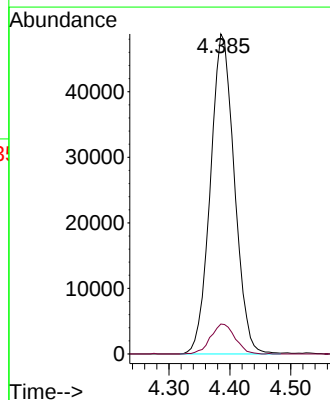
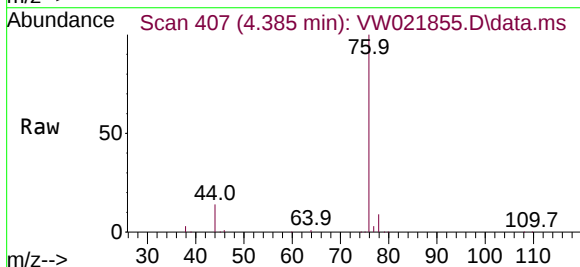
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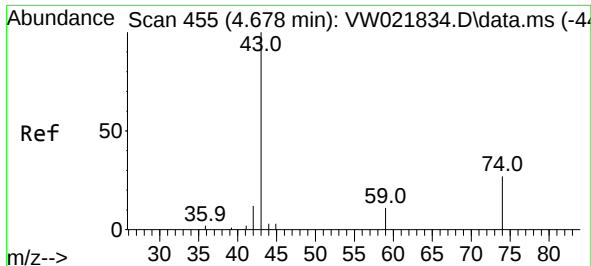
Tgt Ion: 76 Resp: 133639

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

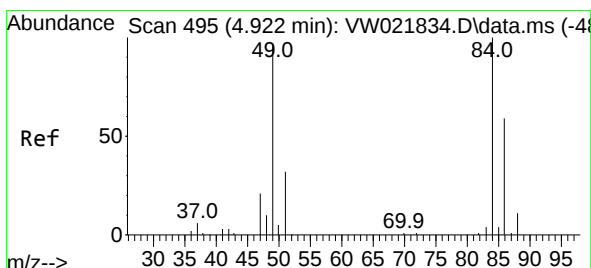
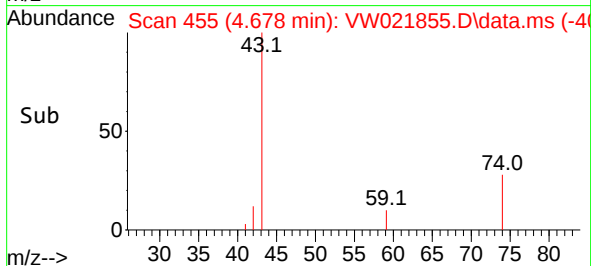
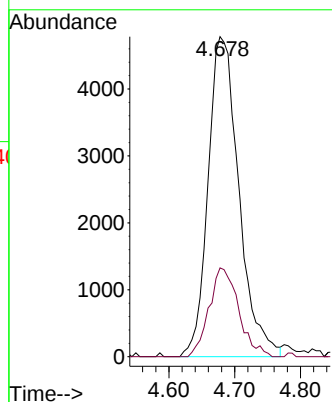
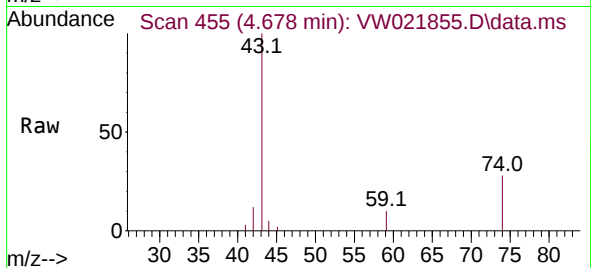




#15
Methyl Acetate
Concen: 23.803 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

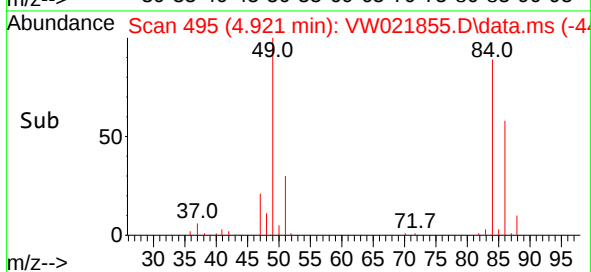
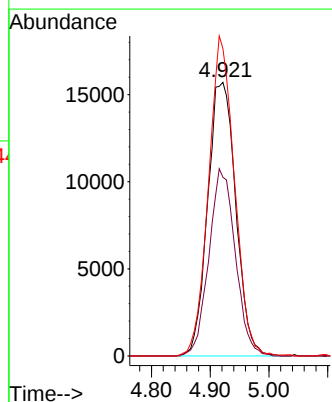
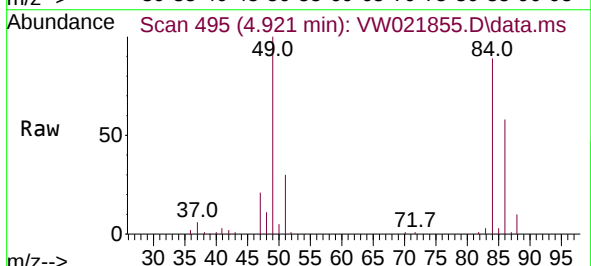
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

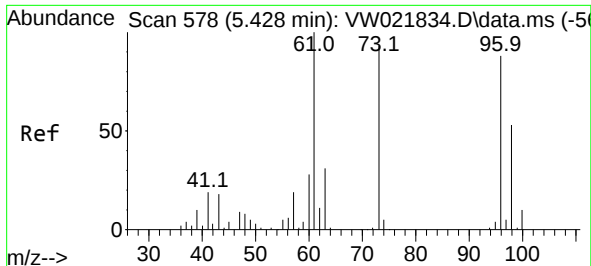
Tgt Ion: 43 Resp: 15591
Ion Ratio Lower Upper
43 100
74 25.9 16.4 24.6#



#16
Methylene chloride
Concen: 20.389 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 84 Resp: 52174
Ion Ratio Lower Upper
84 100
86 65.3 45.5 84.5
49 112.3 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 22.713 ug/L

RT: 5.434 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

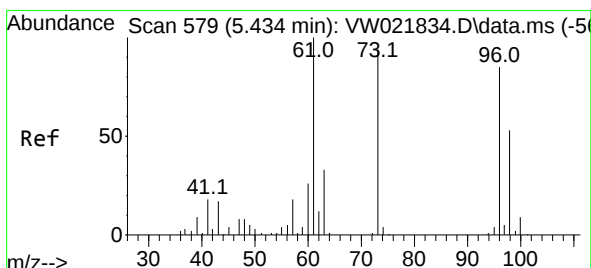
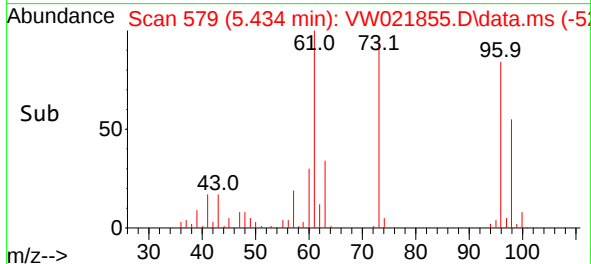
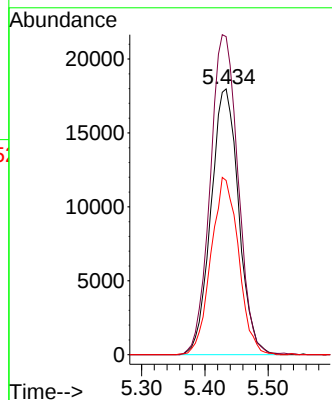
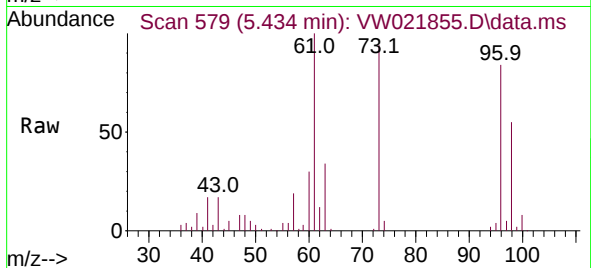
Tgt Ion: 96 Resp: 54774

Ion Ratio Lower Upper

96 100

61 119.7 107.4 199.4

98 65.6 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 24.652 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

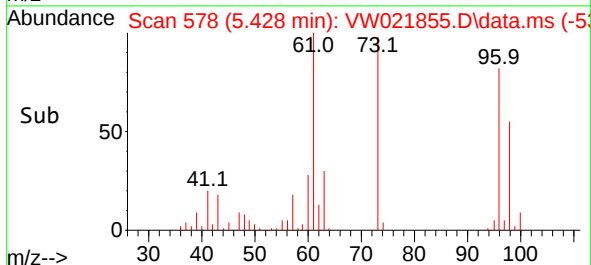
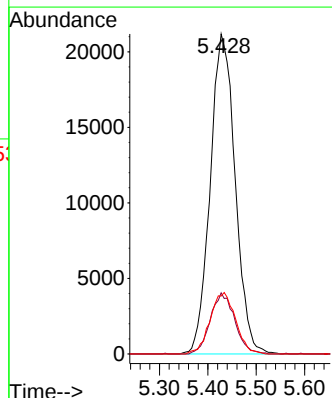
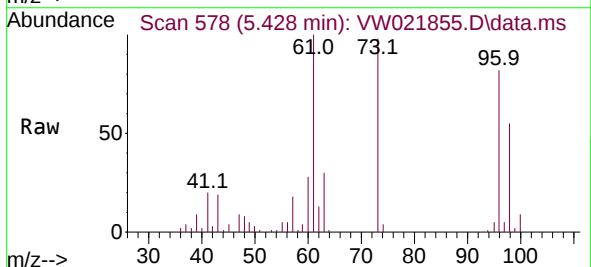
Tgt Ion: 73 Resp: 75813

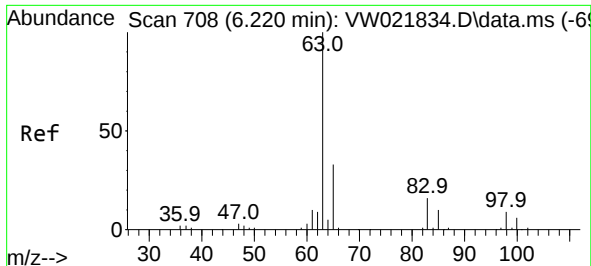
Ion Ratio Lower Upper

73 100

43 18.7 19.5 29.3#

57 19.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.823 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

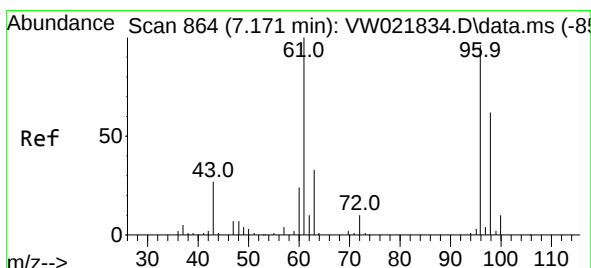
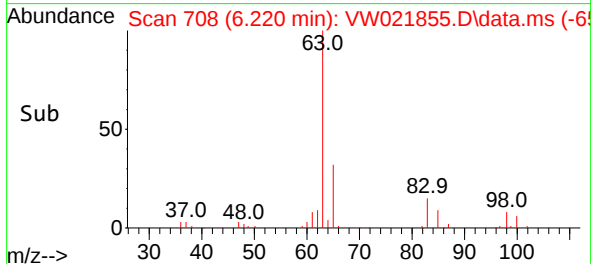
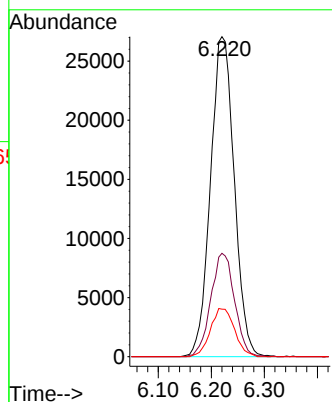
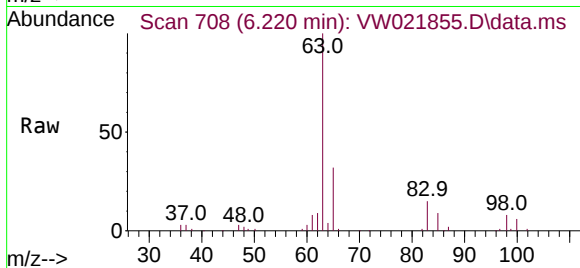
Tgt Ion: 63 Resp: 84255

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 14.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.932 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

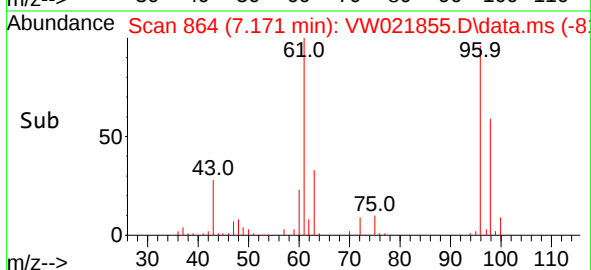
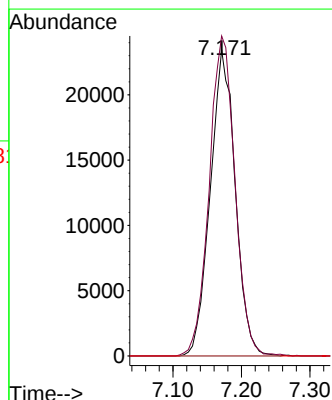
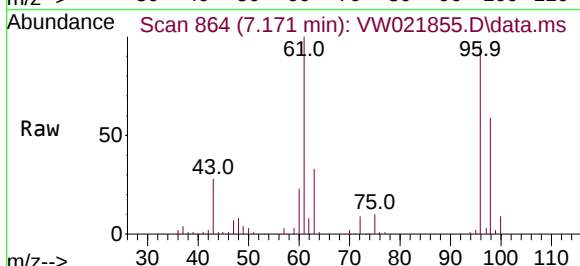
Tgt Ion: 96 Resp: 59373

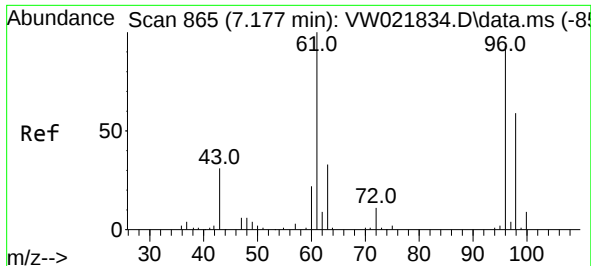
Ion Ratio Lower Upper

96 100

61 104.5 103.7 192.7

68 0.0 0.0 0.0

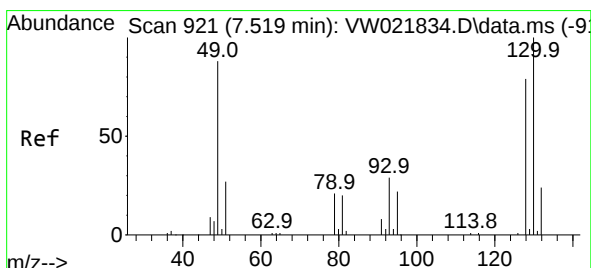
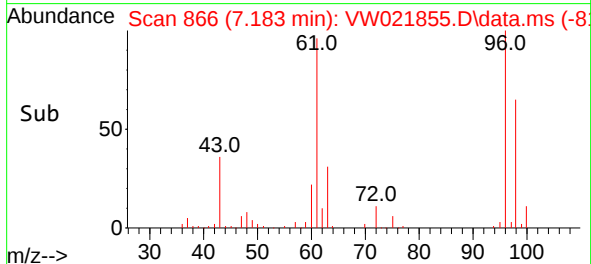
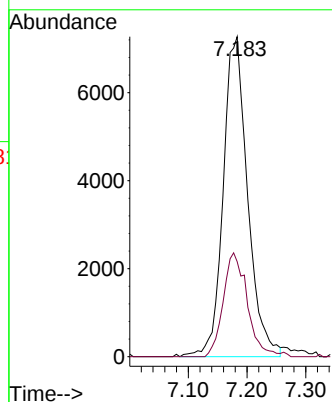
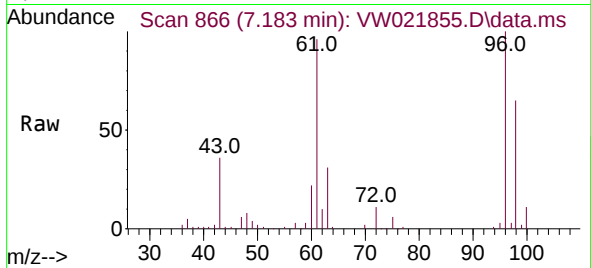




#22
2-Butanone
Concen: 50.761 ug/L
RT: 7.183 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

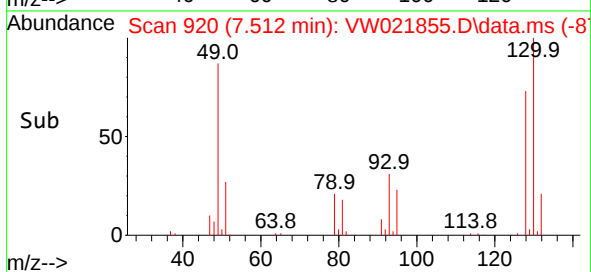
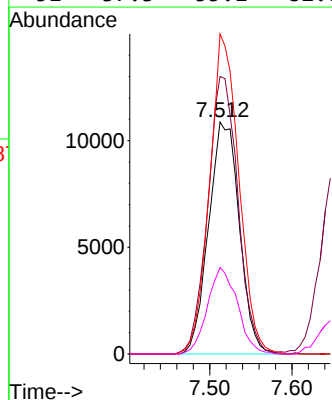
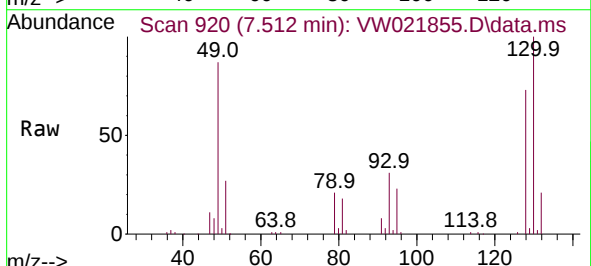
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

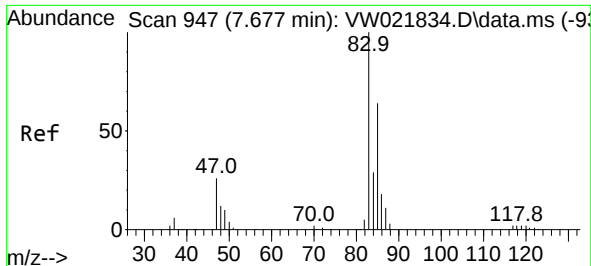
Tgt Ion: 43 Resp: 21027
Ion Ratio Lower Upper
43 100
72 31.9 11.8 35.4



#23
Bromochloromethane
Concen: 22.883 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 128 Resp: 28247
Ion Ratio Lower Upper
128 100
49 119.6 150.3 279.1#
130 137.9 88.3 163.9
51 37.3 55.1 82.7#

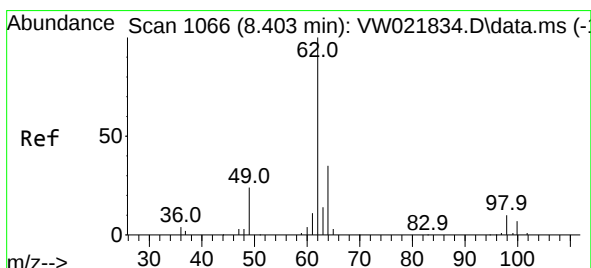
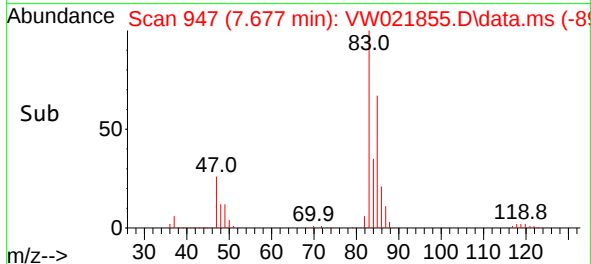
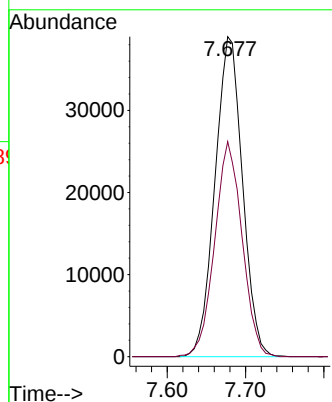
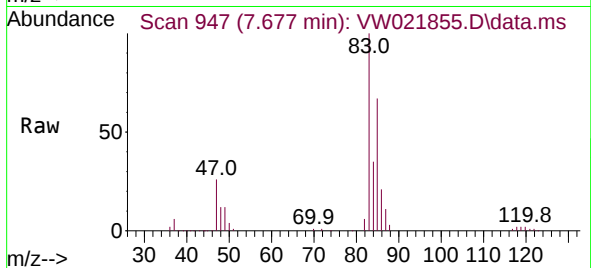




#25
Chloroform
Concen: 22.731 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

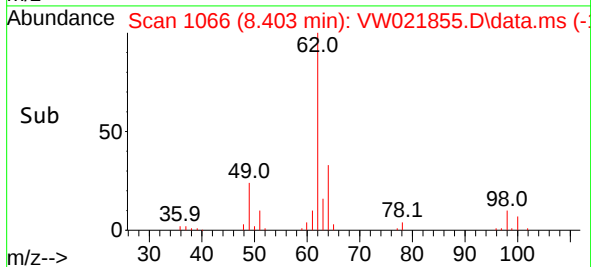
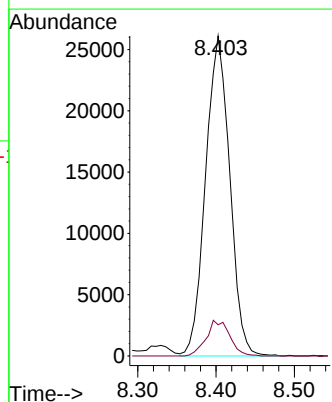
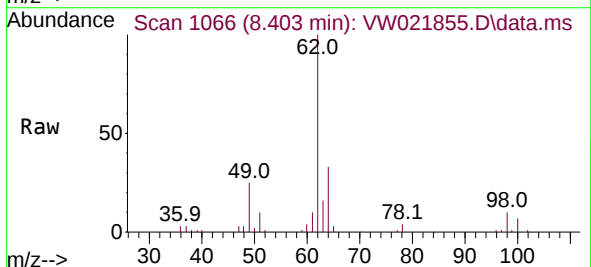
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

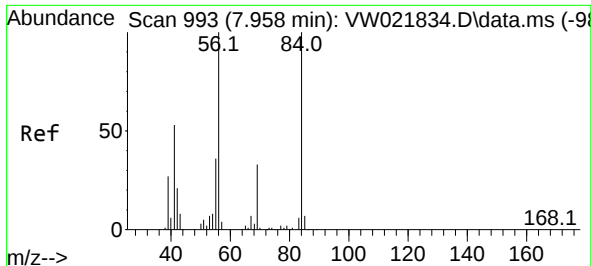
Tgt Ion: 83 Resp: 95119
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.119 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 62 Resp: 56023
Ion Ratio Lower Upper
62 100
98 9.7 6.5 9.7#





#29

Cyclohexane

Concen: 24.679 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

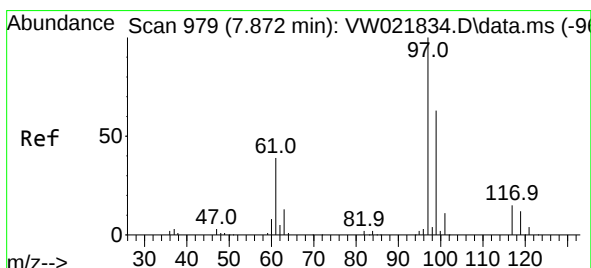
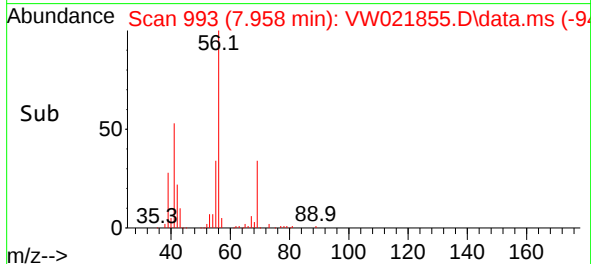
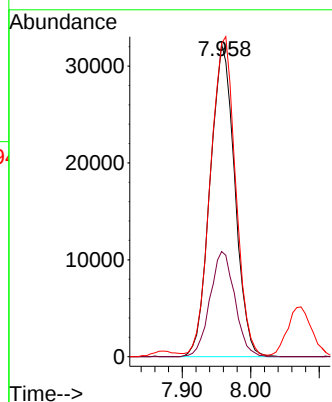
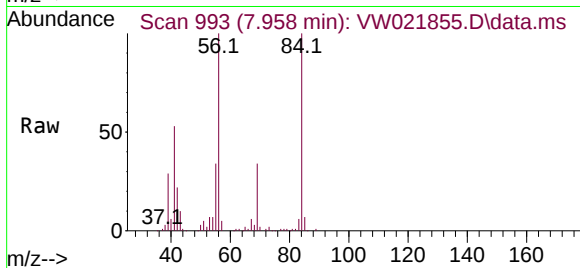
Tgt Ion: 56 Resp: 80527

Ion Ratio Lower Upper

56 100

69 33.9 23.5 35.3

84 104.5 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.936 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

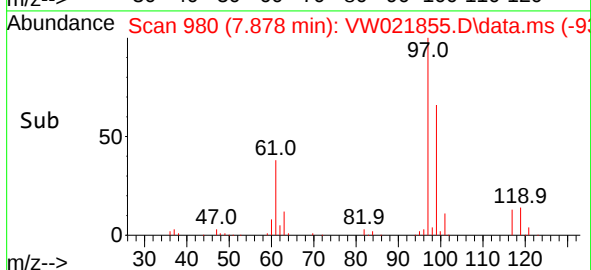
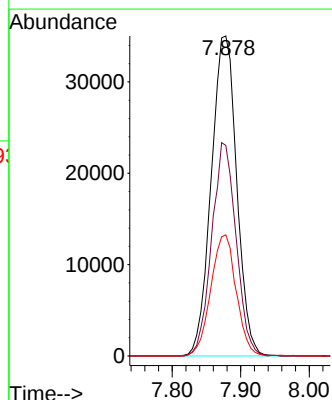
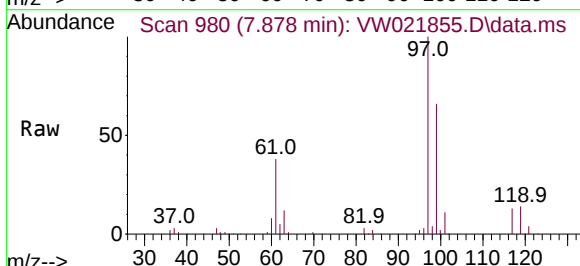
Tgt Ion: 97 Resp: 90496

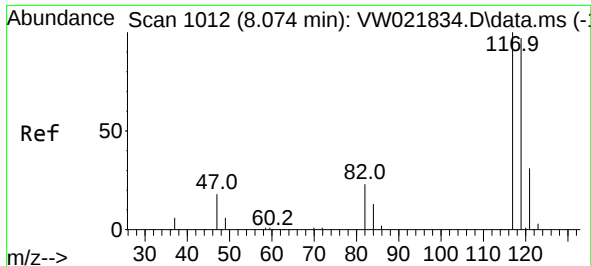
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 37.6 40.9 61.3#

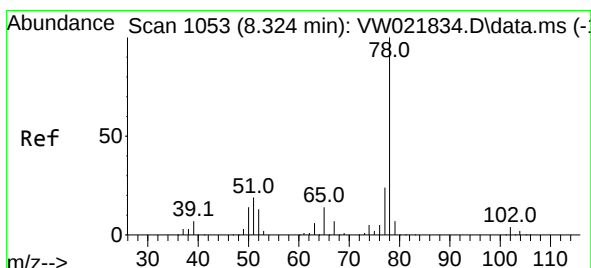
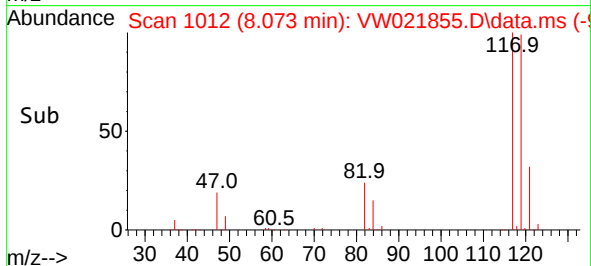
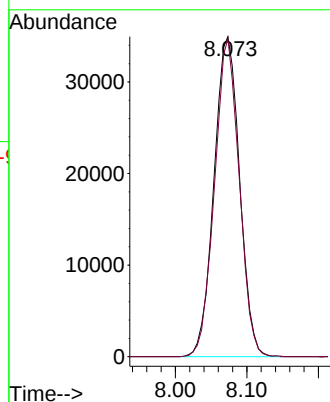
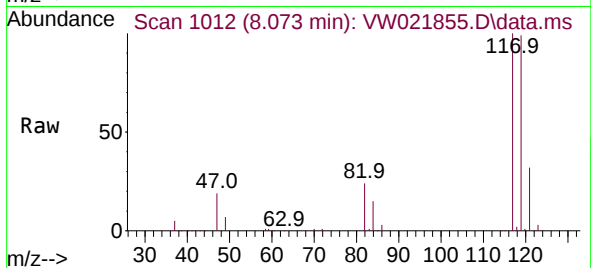




#31
Carbon tetrachloride
Concen: 23.682 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

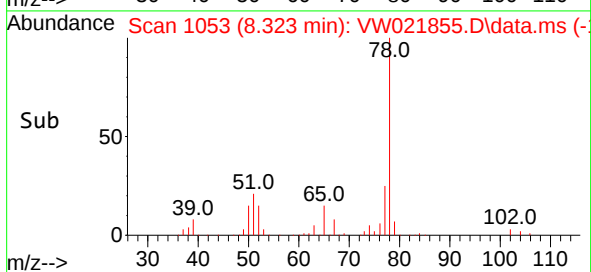
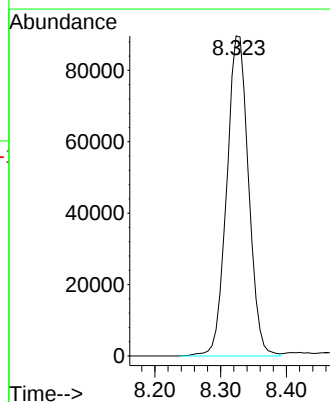
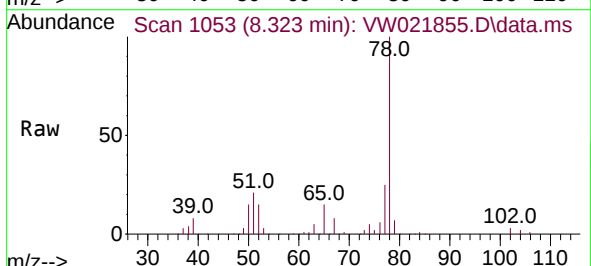
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

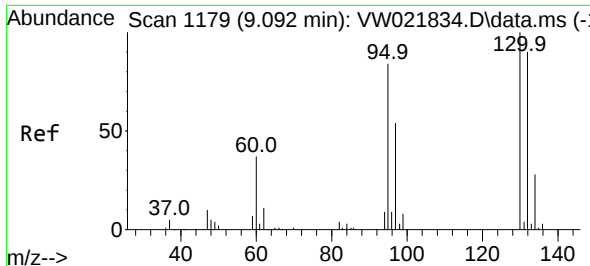
Tgt Ion:117 Resp: 86765
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 23.153 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 78 Resp: 207077

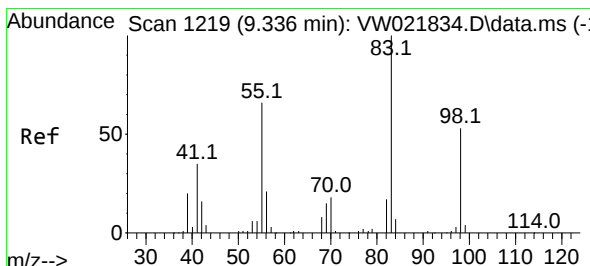
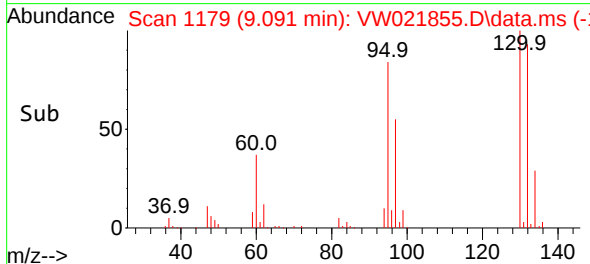
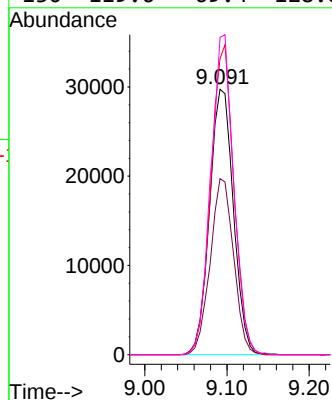
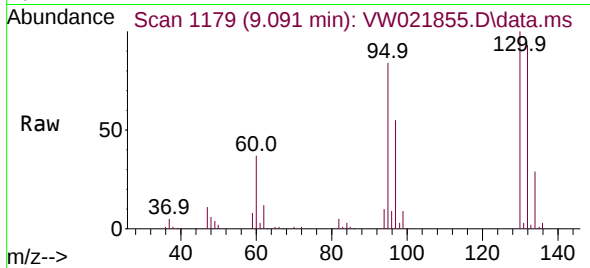




#34
Trichloroethene
Concen: 23.166 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

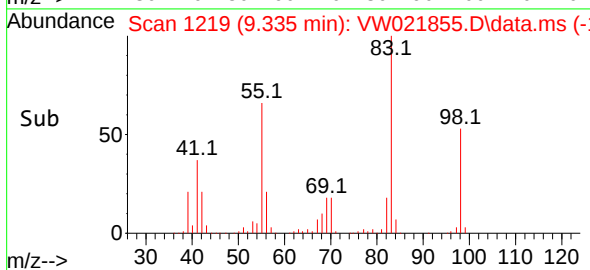
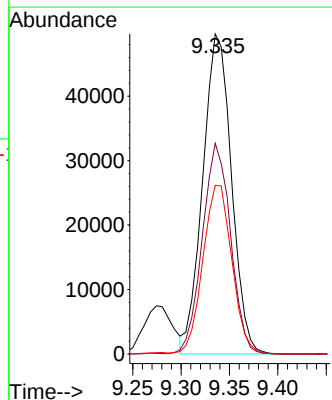
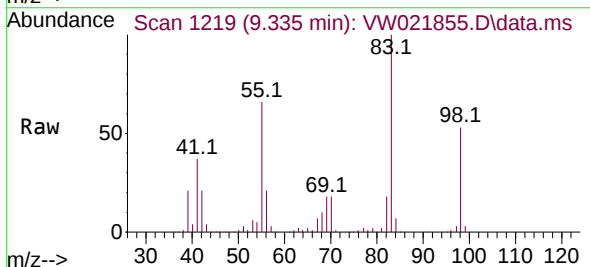
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

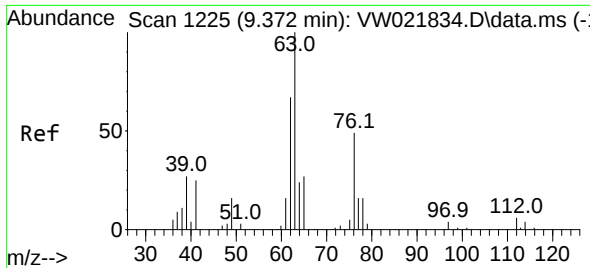
Tgt Ion: 95 Resp: 60111
Ion Ratio Lower Upper
95 100
97 66.3 47.0 87.2
132 111.5 65.5 121.6
130 119.6 69.4 128.8



#35
Methylcyclohexane
Concen: 24.065 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 83 Resp: 102688
Ion Ratio Lower Upper
83 100
55 64.7 70.8 106.2#
98 53.3 37.7 56.5

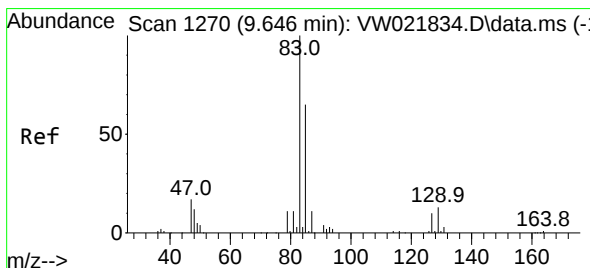
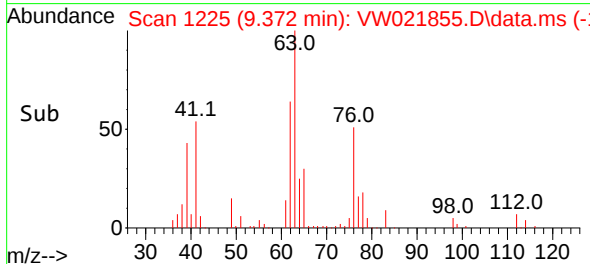
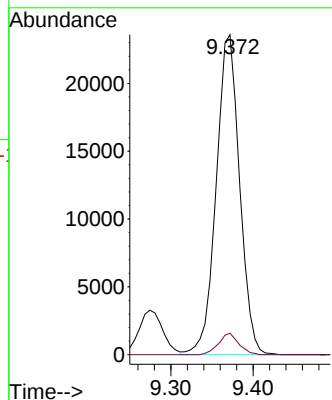
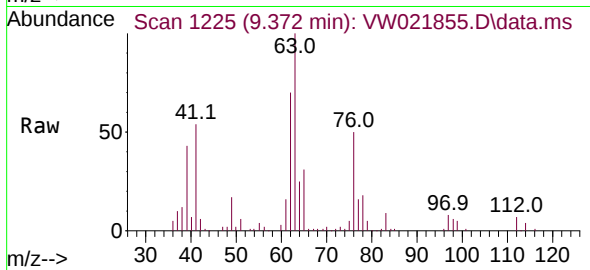




#37
1,2-Dichloropropane
Concen: 23.953 ug/L
RT: 9.372 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

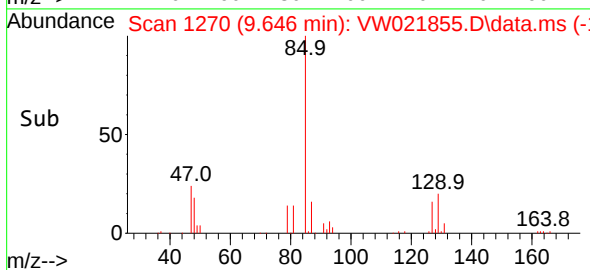
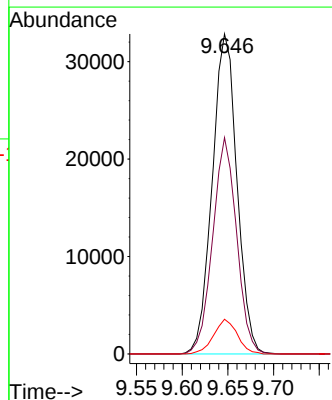
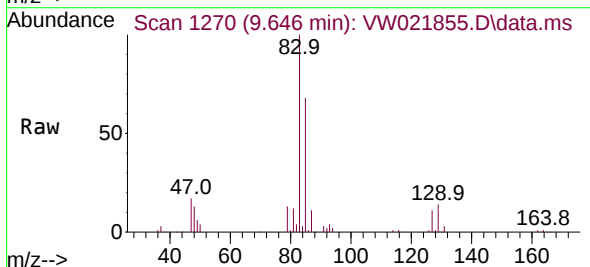
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

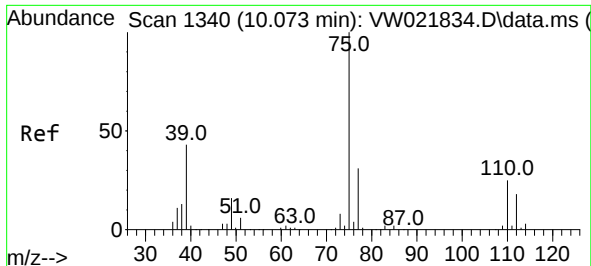
Tgt Ion: 63 Resp: 46671
Ion Ratio Lower Upper
63 100
112 5.8 3.2 4.8#



#38
Bromodichloromethane
Concen: 22.706 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 83 Resp: 61760
Ion Ratio Lower Upper
83 100
85 67.6 44.1 81.9
127 10.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.684 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

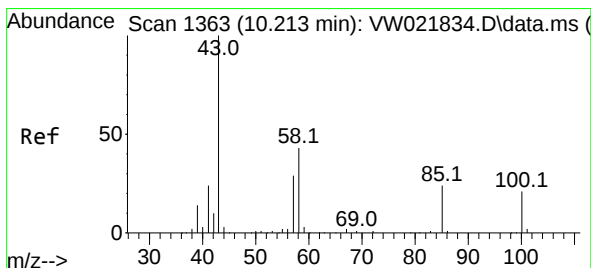
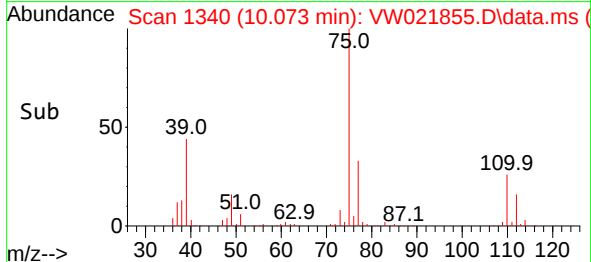
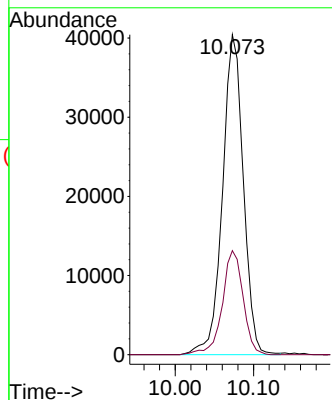
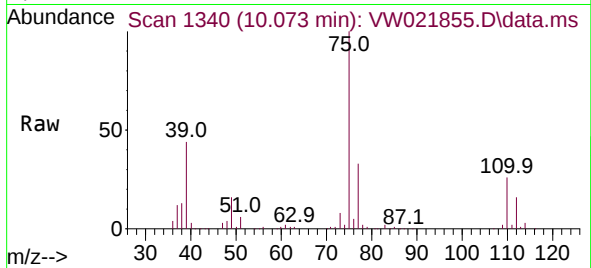
VSTD025532

Tgt Ion: 75 Resp: 74732

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.725 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

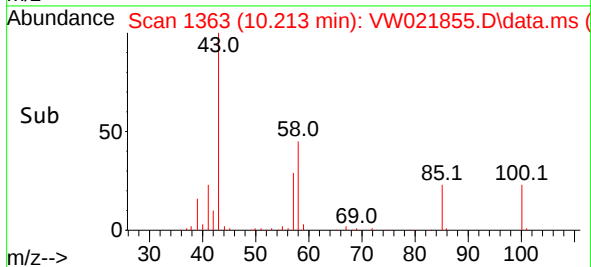
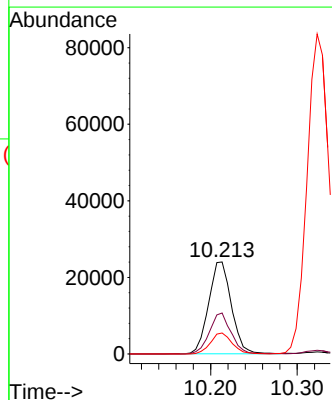
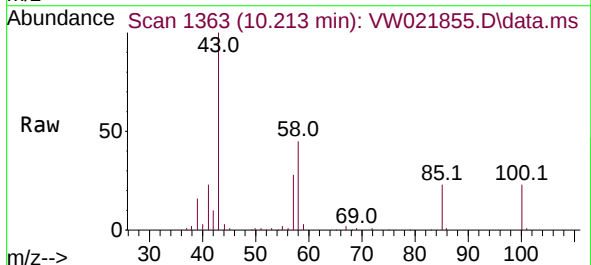
Tgt Ion: 43 Resp: 43682

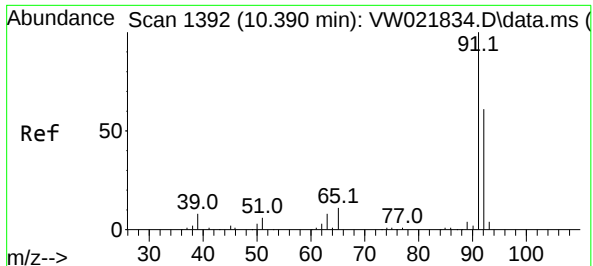
Ion Ratio Lower Upper

43 100

58 42.7 28.8 43.2

100 21.7 10.0 15.0#

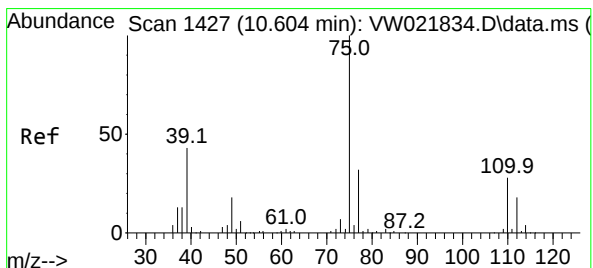
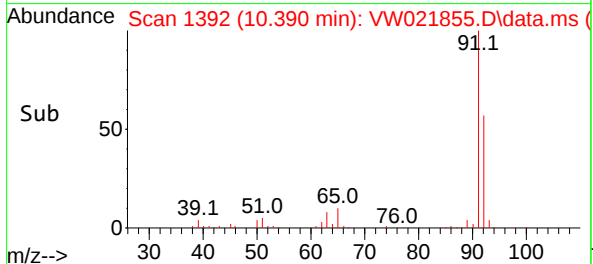
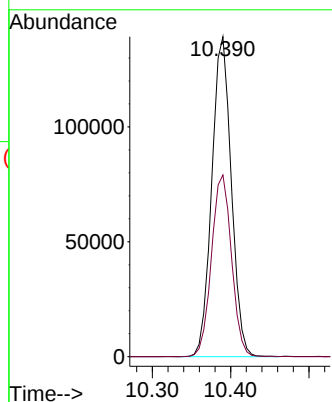
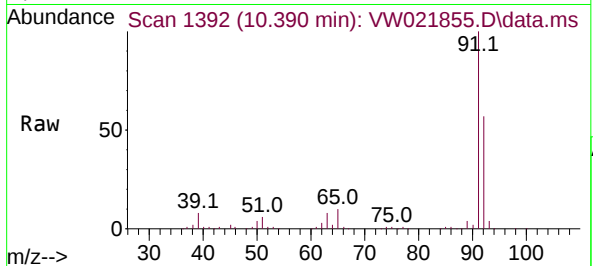




#42
Toluene
Concen: 23.991 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

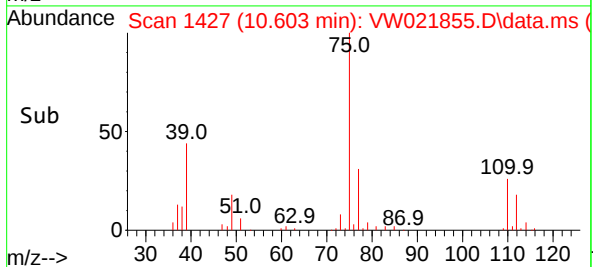
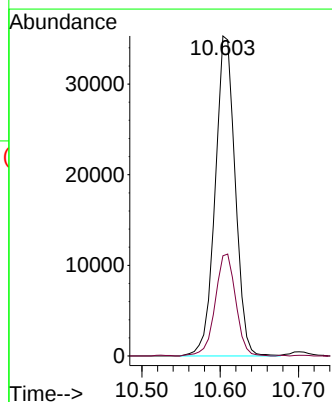
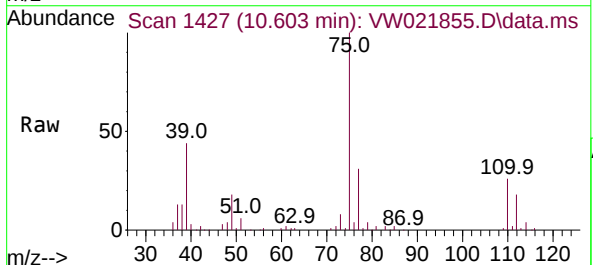
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

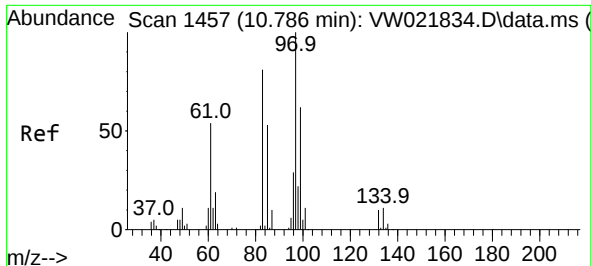
Tgt Ion: 91 Resp: 240659
Ion Ratio Lower Upper
91 100
92 56.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.748 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 75 Resp: 62711
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 22.640 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion: 97 Resp: 37453

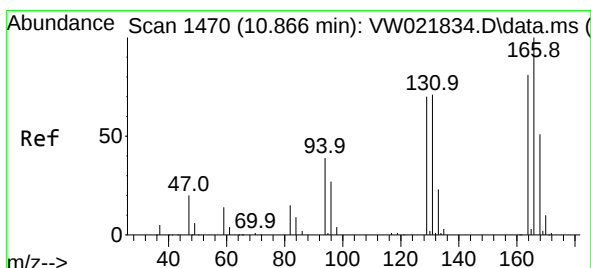
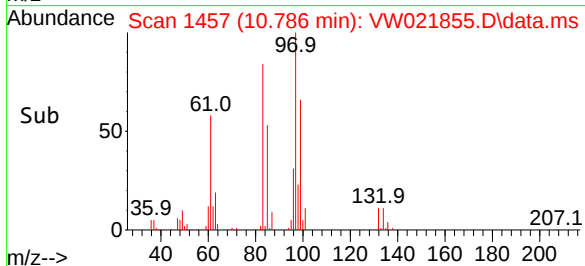
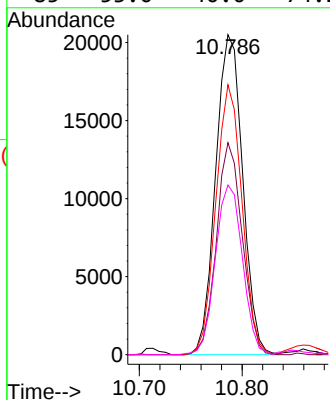
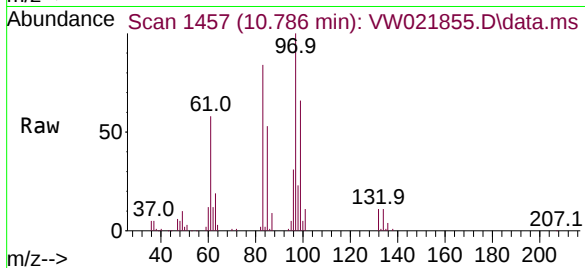
Ion Ratio Lower Upper

97 100

99 66.2 43.0 79.8

83 84.4 62.6 116.3

85 53.0 40.0 74.2



#46

Tetrachloroethene

Concen: 23.627 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Tgt Ion:164 Resp: 60624

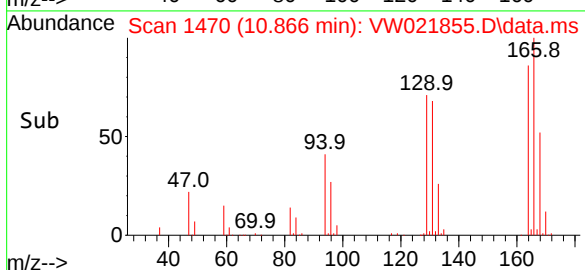
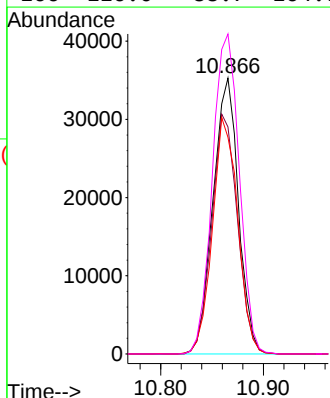
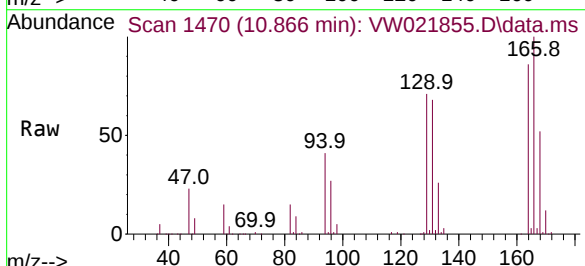
Ion Ratio Lower Upper

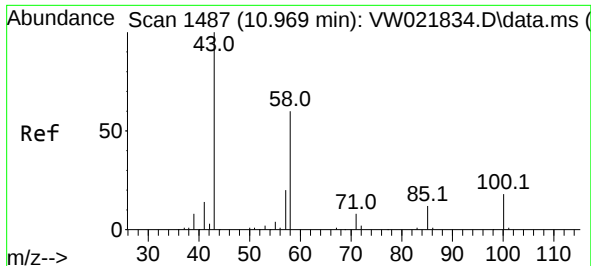
164 100

129 82.3 65.5 121.7

131 78.5 59.7 110.9

166 116.0 88.7 164.7

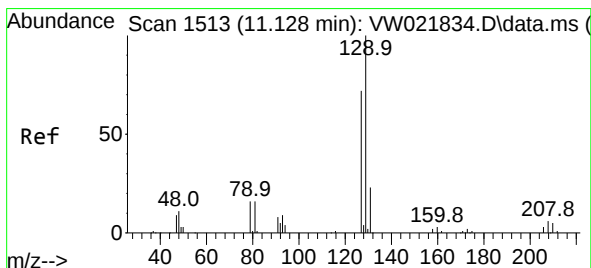
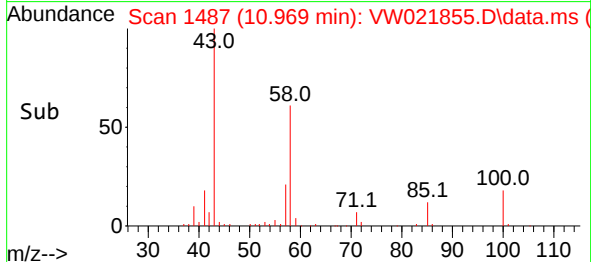
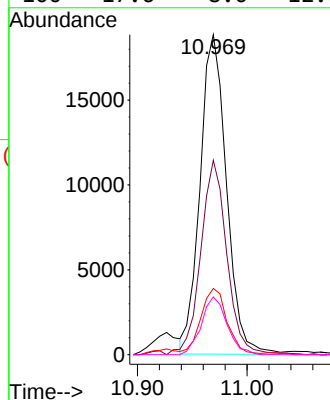
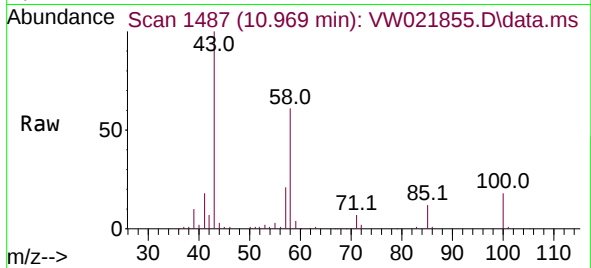




#48
2-Hexanone
Concen: 50.320 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

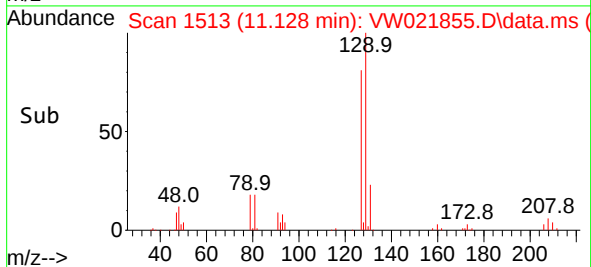
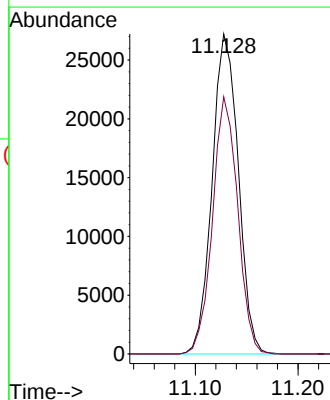
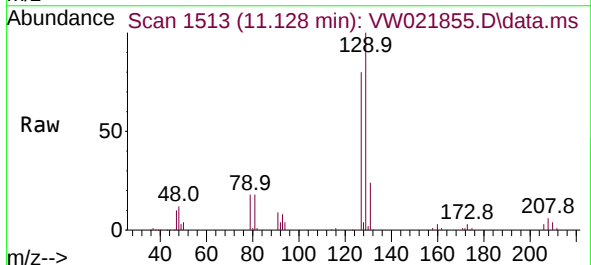
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

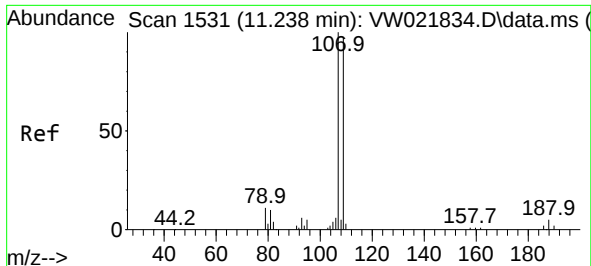
Tgt Ion:	43	Resp:	31513
Ion	Ratio	Lower	Upper
43	100		
58	60.1	40.2	60.2
57	20.6	14.3	21.5
100	17.6	8.0	12.0



#49
Dibromochloromethane
Concen: 23.086 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion:	129	Resp:	48121
Ion	Ratio	Lower	Upper
129	100		
127	80.3	55.7	103.5





#50

1,2-Dibromoethane

Concen: 23.771 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

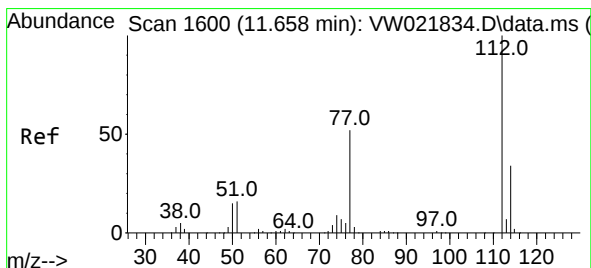
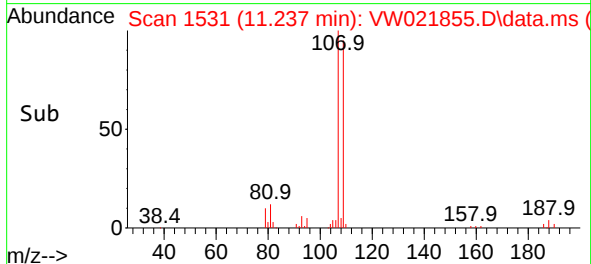
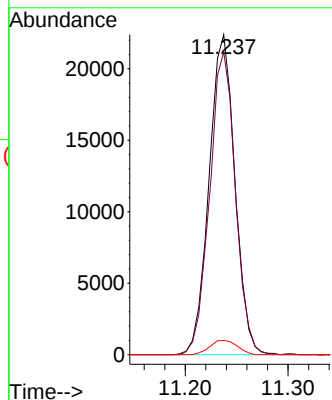
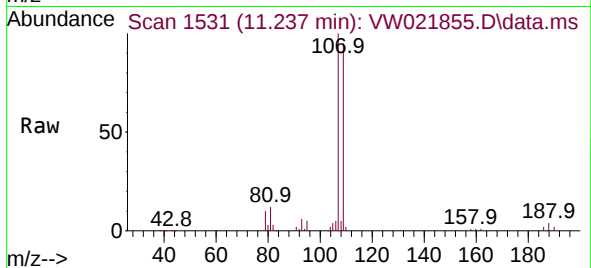
Tgt Ion:107 Resp: 39034

Ion Ratio Lower Upper

107 100

109 94.6 64.1 119.1

188 4.5 2.6 3.8#



#51

Chlorobenzene

Concen: 23.019 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

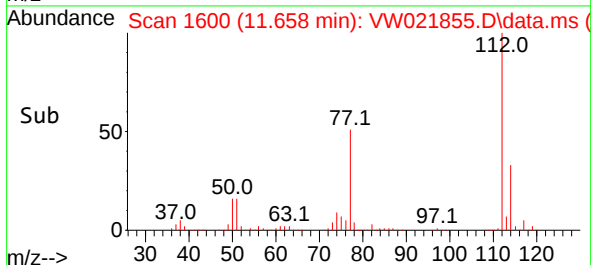
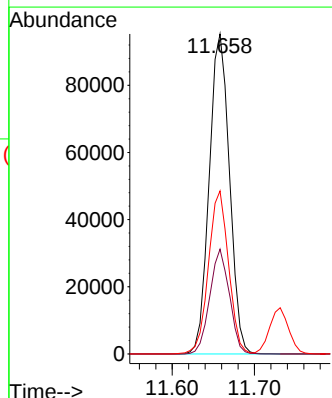
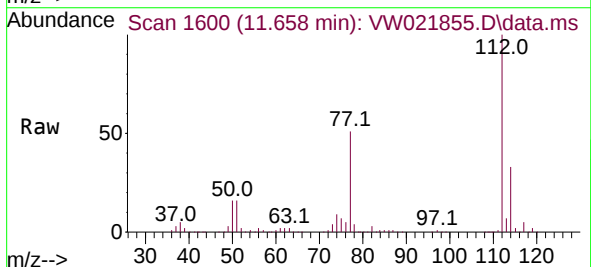
Tgt Ion:112 Resp: 163036

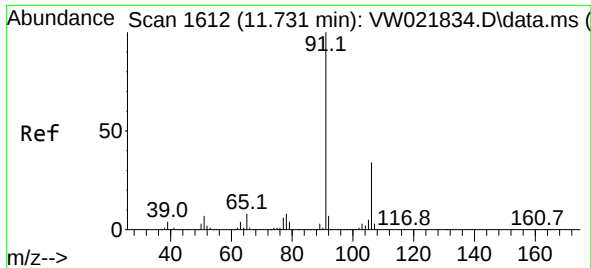
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 50.9 50.2 75.4

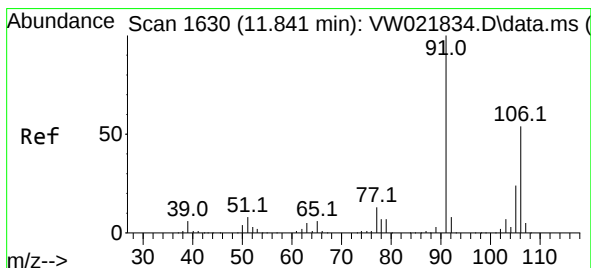
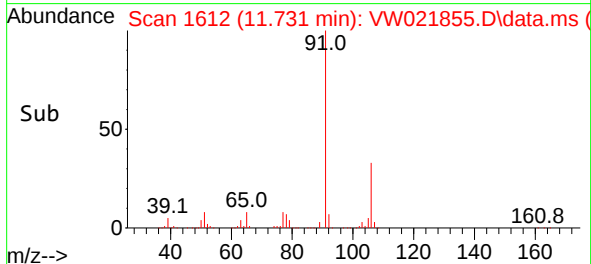
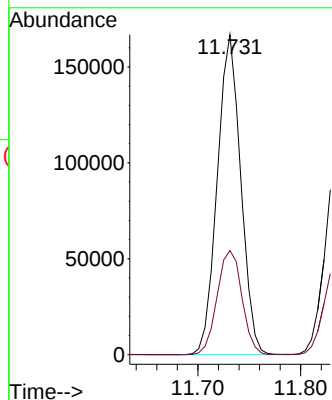
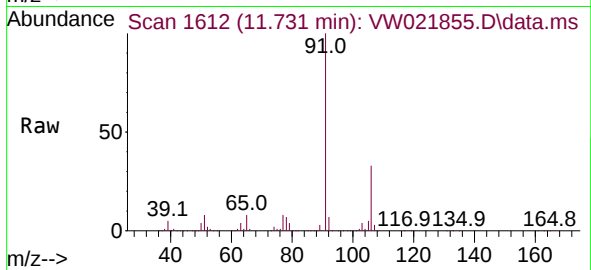




#52
Ethylbenzene
Concen: 23.718 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

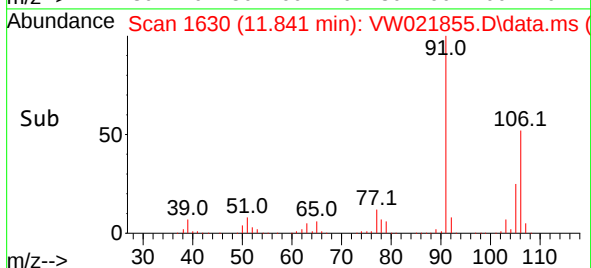
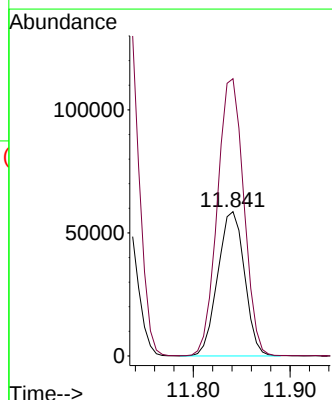
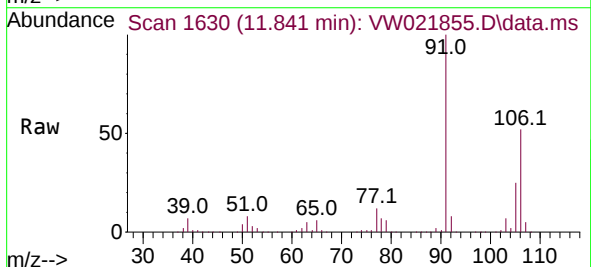
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

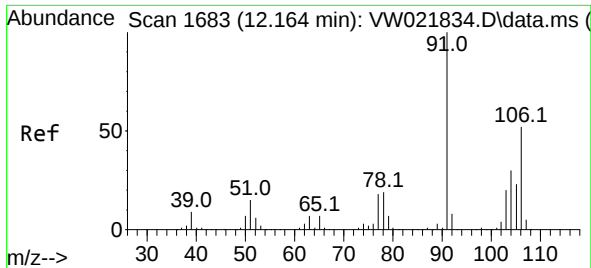
Tgt Ion: 91 Resp: 264300
Ion Ratio Lower Upper
91 100
106 32.6 21.5 39.9



#53
m,p-Xylene
Concen: 24.199 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 106 Resp: 112757
Ion Ratio Lower Upper
106 100
91 192.2 149.9 278.3

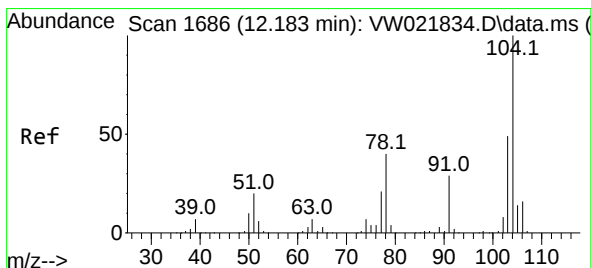
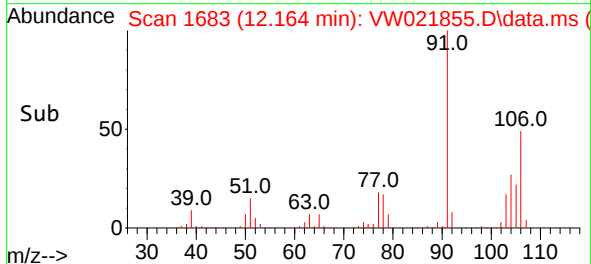
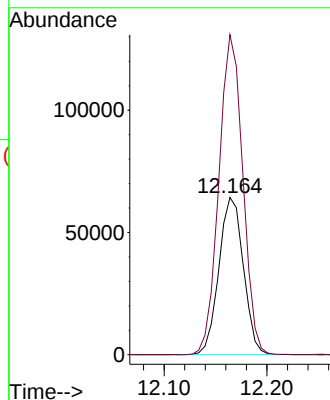
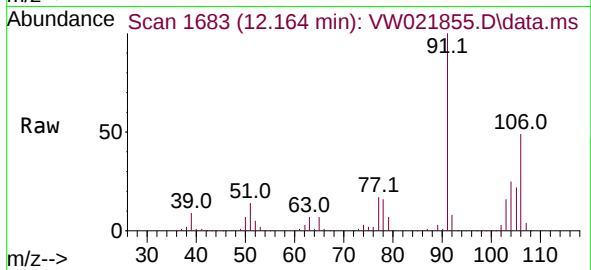




#54
o-Xylene
Concen: 24.603 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

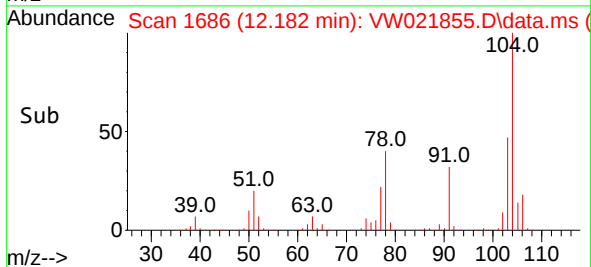
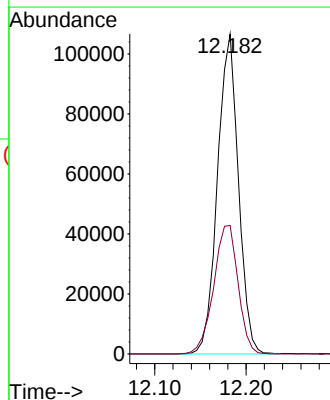
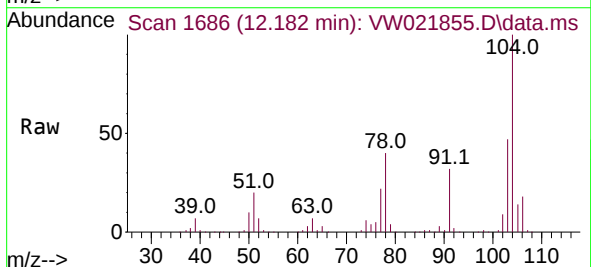
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

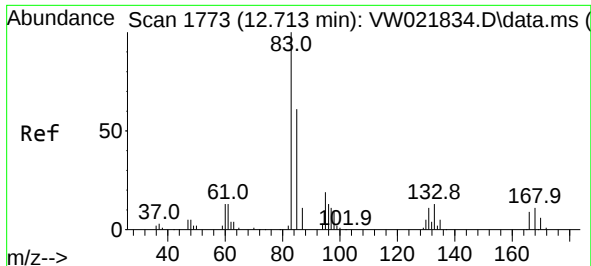
Tgt Ion:106 Resp: 106427
Ion Ratio Lower Upper
106 100
91 203.5 153.6 285.3



#55
Styrene
Concen: 23.788 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion:104 Resp: 169889
Ion Ratio Lower Upper
104 100
78 40.1 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 22.354 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

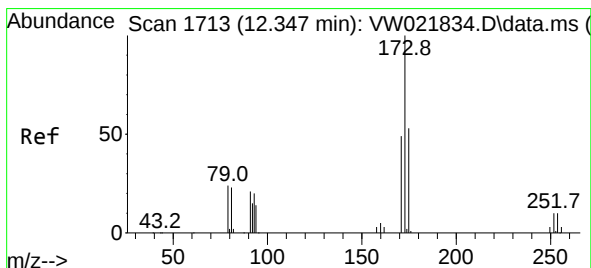
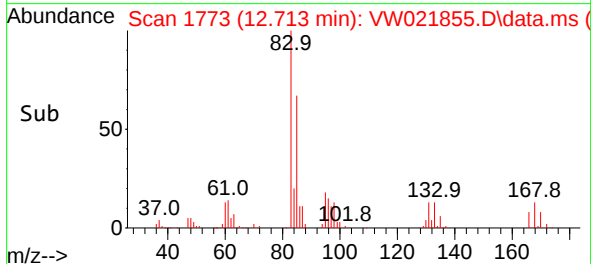
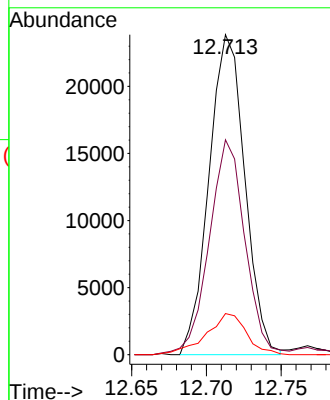
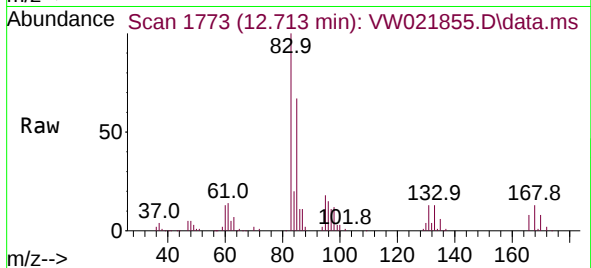
Tgt Ion: 83 Resp: 39788

Ion Ratio Lower Upper

83 100

85 67.1 44.0 81.6

131 12.8 6.9 10.3#



#59

Bromoform

Concen: 24.140 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

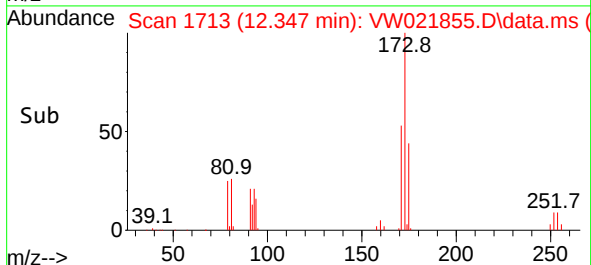
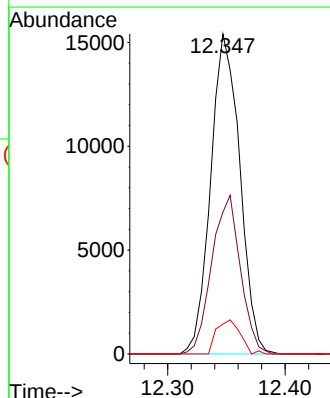
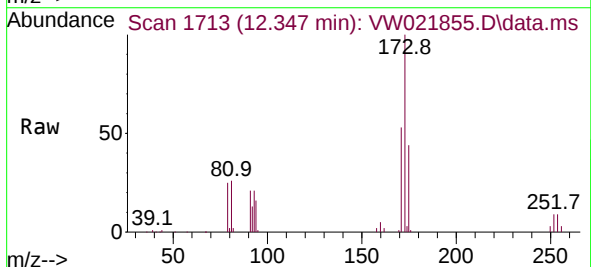
Tgt Ion: 173 Resp: 26579

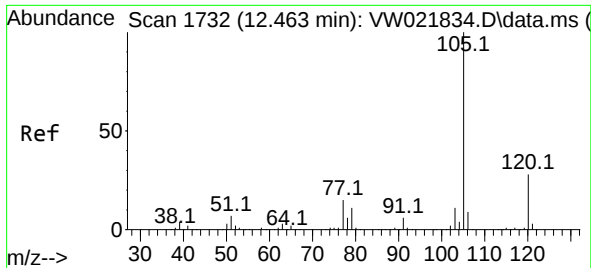
Ion Ratio Lower Upper

173 100

175 48.6 39.6 59.4

254 8.5 7.4 11.0

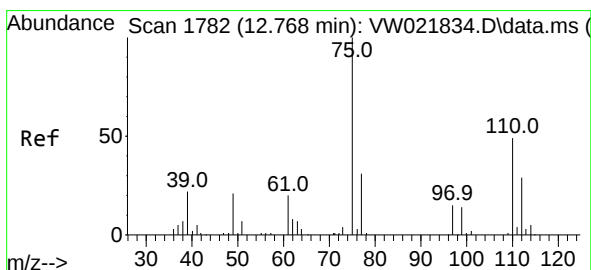
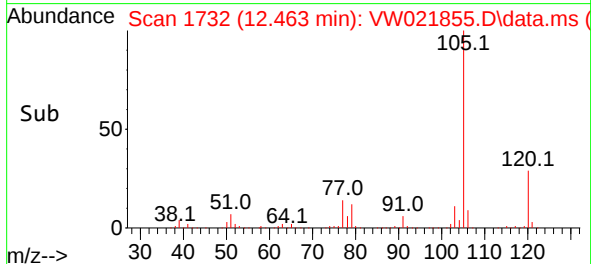
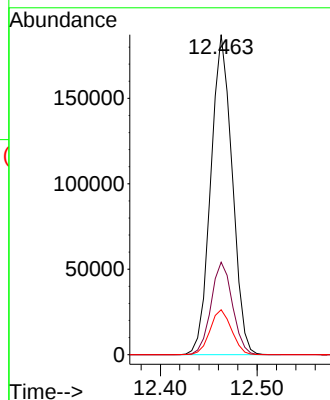
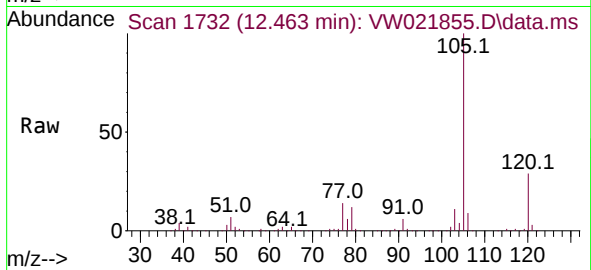




#60
Isopropylbenzene
Concen: 26.147 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

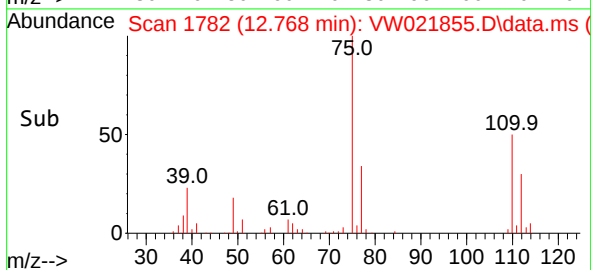
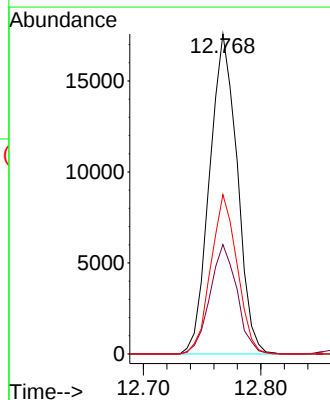
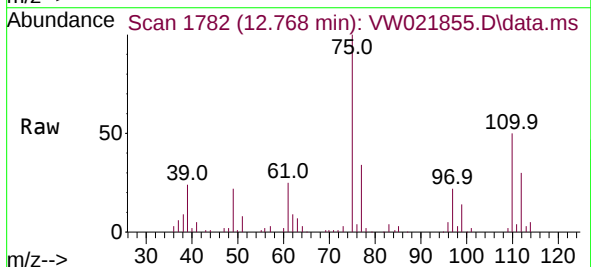
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

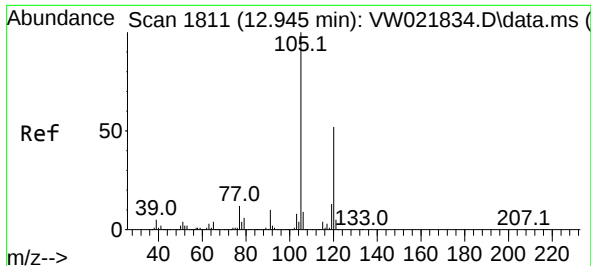
Tgt Ion:105 Resp: 287539
Ion Ratio Lower Upper
105 100
120 28.8 20.1 30.1
77 14.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.876 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion: 75 Resp: 28709
Ion Ratio Lower Upper
75 100
77 33.5 25.8 38.8
110 47.5 29.0 43.4#

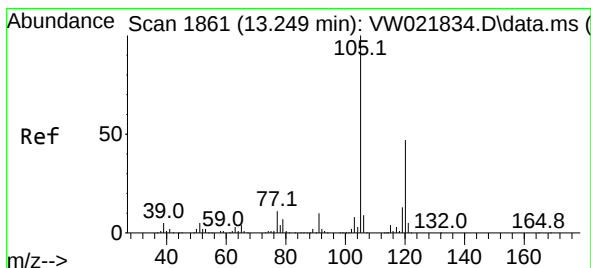
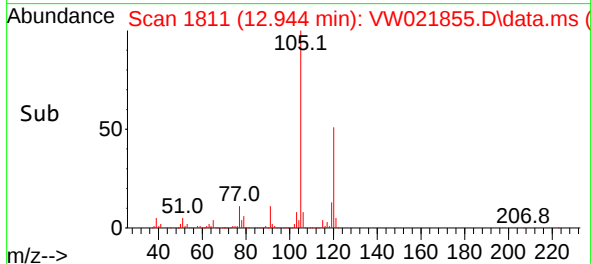
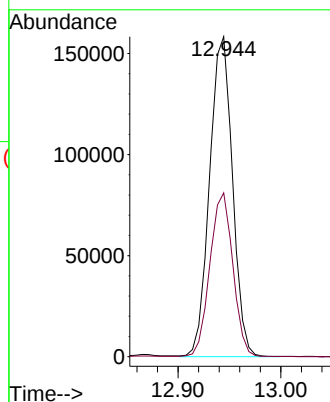
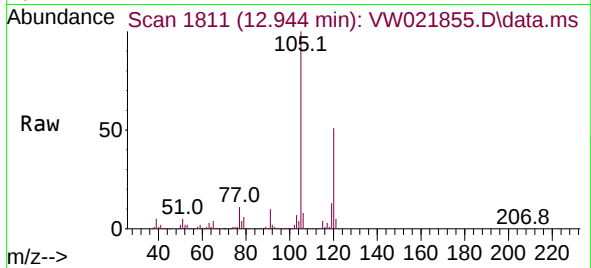




#62
1,3,5-Trimethylbenzene
Concen: 26.886 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

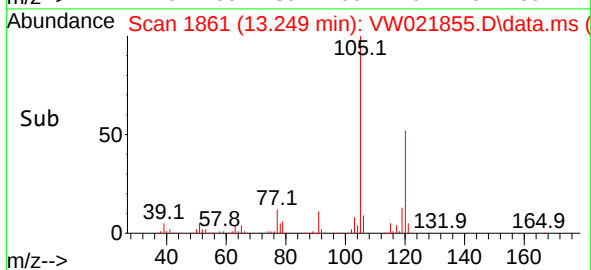
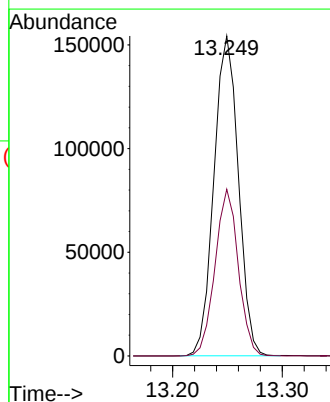
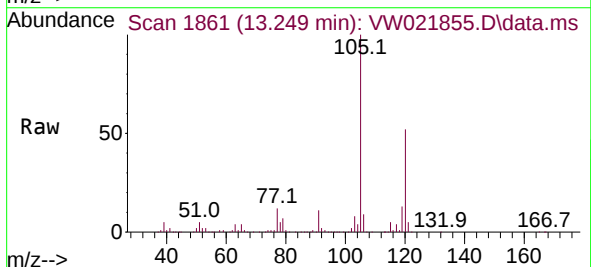
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

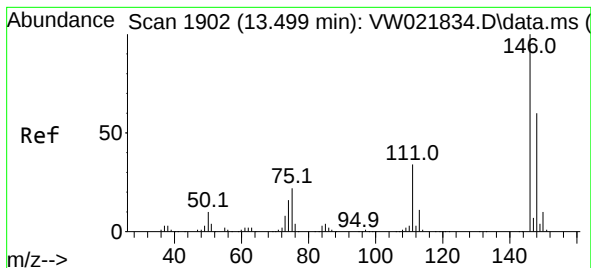
Tgt Ion:105 Resp: 244844
Ion Ratio Lower Upper
105 100
120 51.3 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.597 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion:105 Resp: 238882
Ion Ratio Lower Upper
105 100
120 49.7 35.0 52.6

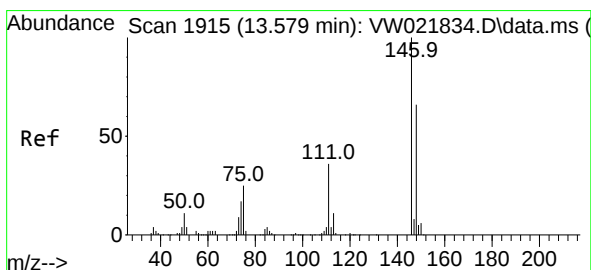
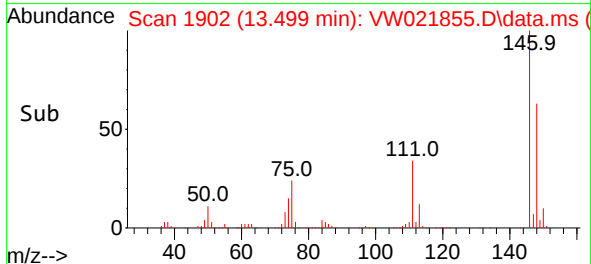
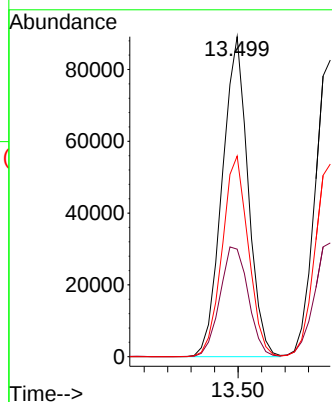
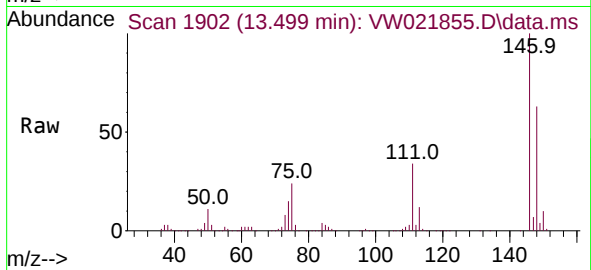




#64
1,3-Dichlorobenzene
Concen: 24.675 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

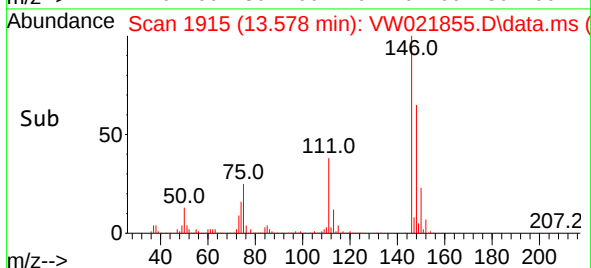
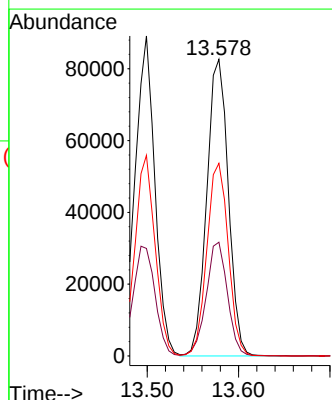
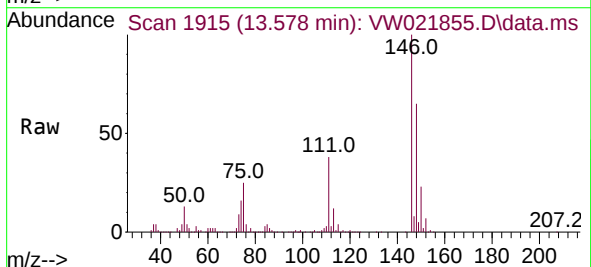
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

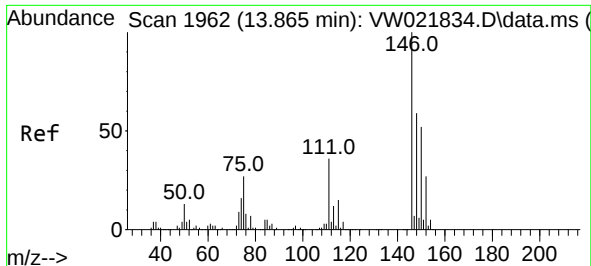
Tgt Ion:146 Resp: 136428
Ion Ratio Lower Upper
146 100
111 33.6 29.8 55.3
148 62.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.741 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021855.D
Acq: 12 Jan 2022 09:01

Tgt Ion:146 Resp: 135068
Ion Ratio Lower Upper
146 100
111 38.3 29.0 53.9
148 65.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.939 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

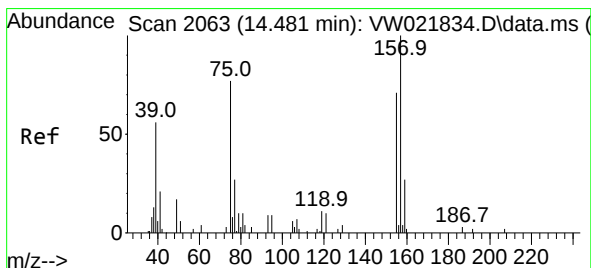
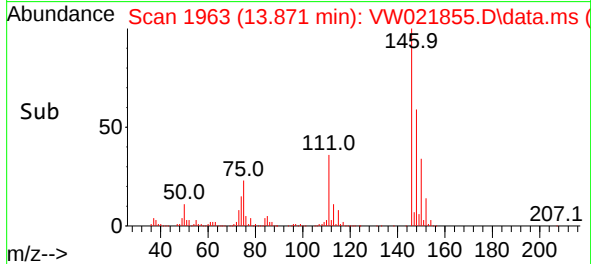
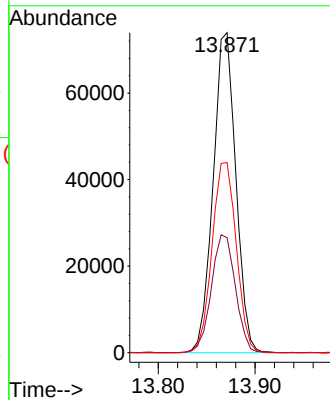
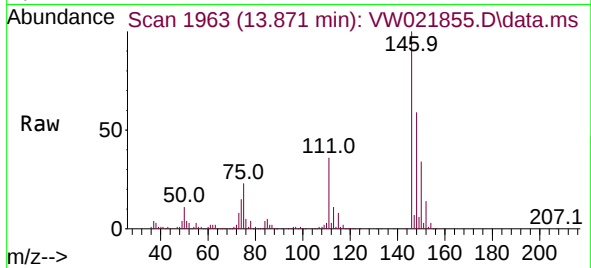
Tgt Ion:146 Resp: 120728

Ion Ratio Lower Upper

146 100

111 36.0 33.1 49.7

148 59.4 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.422 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

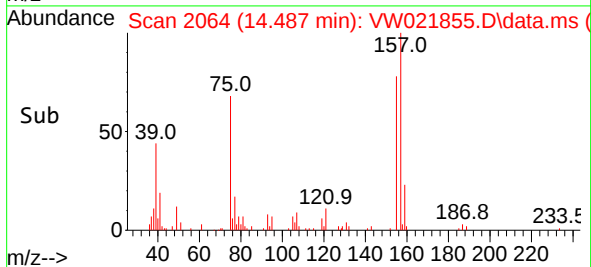
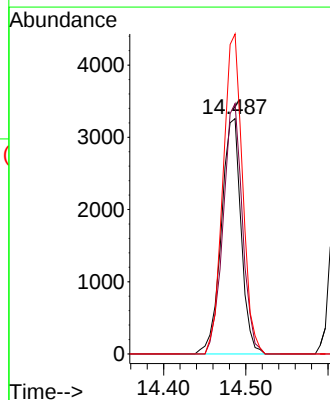
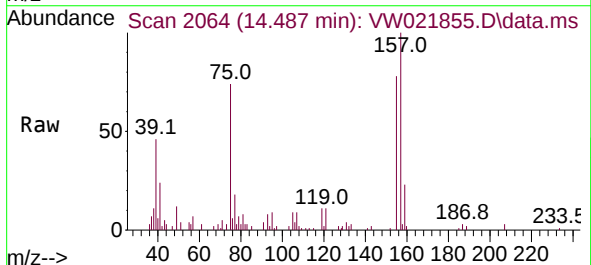
Tgt Ion: 75 Resp: 5443

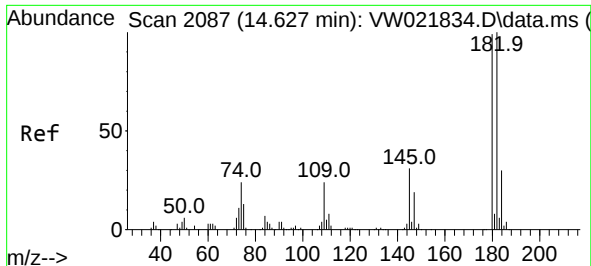
Ion Ratio Lower Upper

75 100

155 106.3 54.2 81.2#

157 135.9 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 24.406 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion:180 Resp: 100296

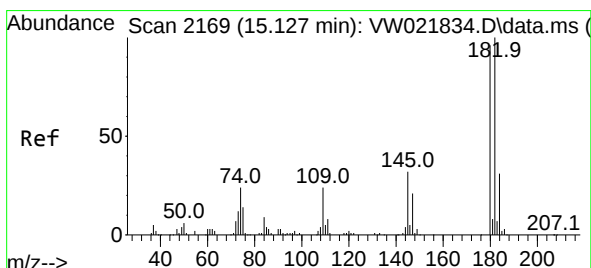
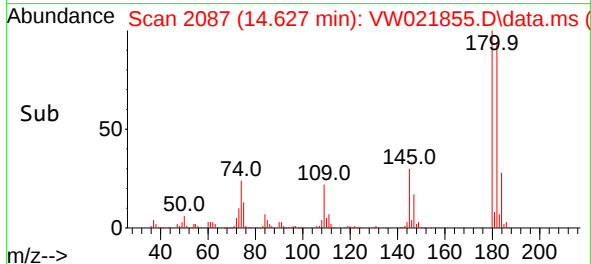
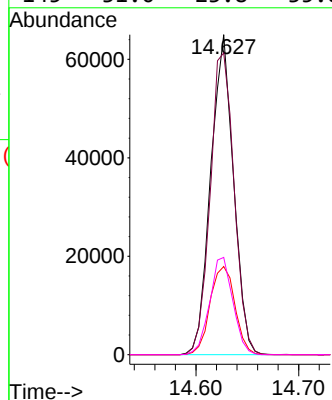
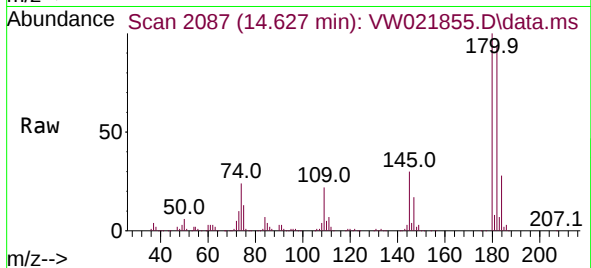
Ion Ratio Lower Upper

180 100

182 99.0 75.4 113.0

184 30.1 23.8 35.8

145 31.0 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 24.421 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

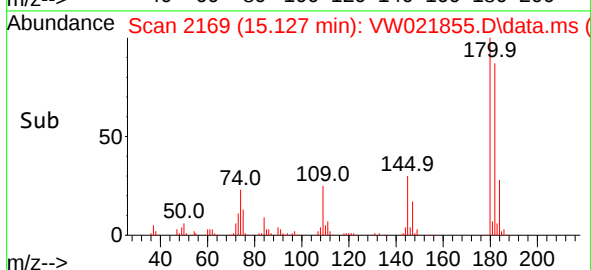
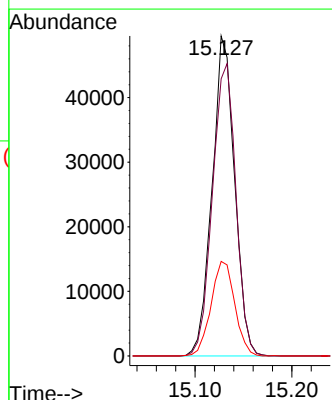
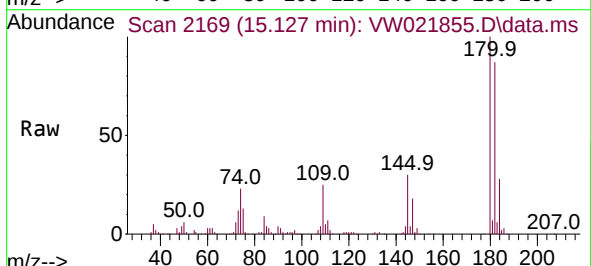
Tgt Ion:180 Resp: 79964

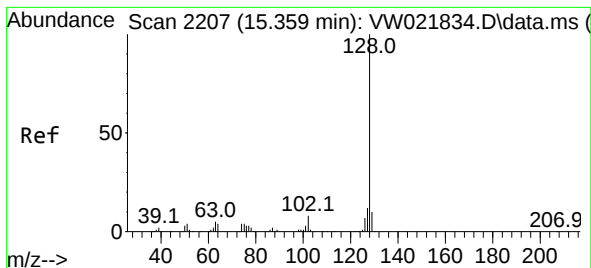
Ion Ratio Lower Upper

180 100

182 95.0 79.0 118.6

145 31.2 26.0 39.0





#71

Naphthalene

Concen: 27.644 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

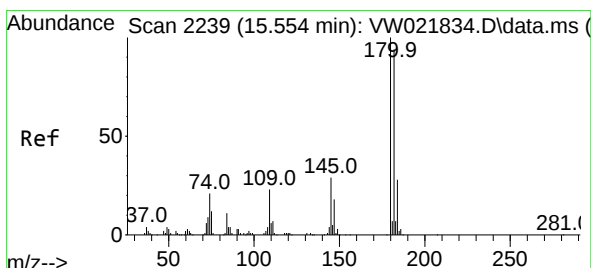
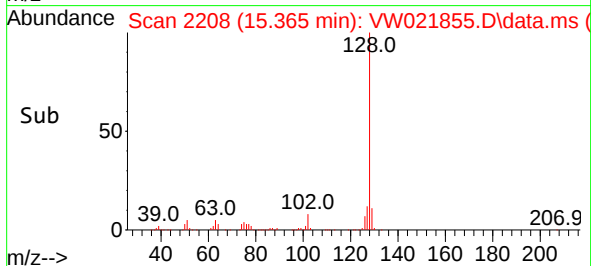
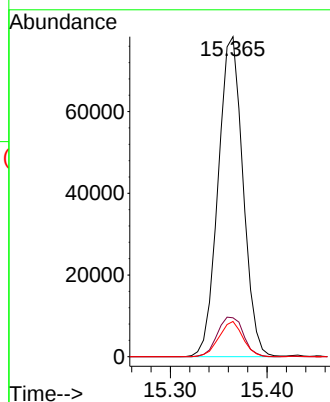
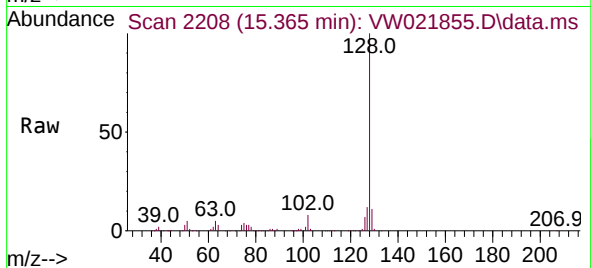
Tgt Ion:128 Resp: 139635

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.6 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.544 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW021855.D

Acq: 12 Jan 2022 09:01

Tgt Ion:180 Resp: 63663

Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

145 32.7 27.4 41.0

