

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022522\
 Data File : VW022153.D
 Acq On : 25 Feb 2022 16:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Feb 28 01:08:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 28 01:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174762	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	161809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	50135	21.994	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
7) Chloroethane-d5	2.879	69	37682	21.011	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	4.019	63	72269	20.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	7.074	46	22836	59.585	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.160%
24) Chloroform-d	7.653	84	87356	22.404	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	8.305	65	45595	22.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.275	84	163715	21.740	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	9.274	67	46620	22.292	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	10.323	98	159077	21.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.579	79	20626	22.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.960%
47) 2-Hexanone-d5	10.920	63	20270	58.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	48452	26.399	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	65779	23.206	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11853	24.268	ug/L	98
3) Chloromethane	2.215	50	40228	24.036	ug/L	95
5) Vinyl chloride	2.361	62	62480	24.846	ug/L	99
6) Bromomethane	2.776	94	38139	21.716	ug/L	91
8) Chloroethane	2.916	64	32737	23.174	ug/L	99
9) Trichlorofluoromethane	3.257	101	38116	22.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	47733	22.916	ug/L	97
12) 1,1-Dichloroethene	4.038	96	41605	23.046	ug/L	98
13) Acetone	4.123	43	17130	54.724	ug/L	97
14) Carbon disulfide	4.385	76	96734	20.668	ug/L	98
15) Methyl Acetate	4.672	43	17673	25.079	ug/L	96
16) Methylene chloride	4.915	84	45856	21.377	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	45268	22.830	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	71867	26.640	ug/L	99
19) 1,1-Dichloroethane	6.214	63	77742	24.218	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	51407	23.933	ug/L	97
22) 2-Butanone	7.171	43	26536	59.014	ug/L	98
23) Bromochloromethane	7.519	128	25014	23.839	ug/L	93
25) Chloroform	7.677	83	90692	24.213	ug/L	100

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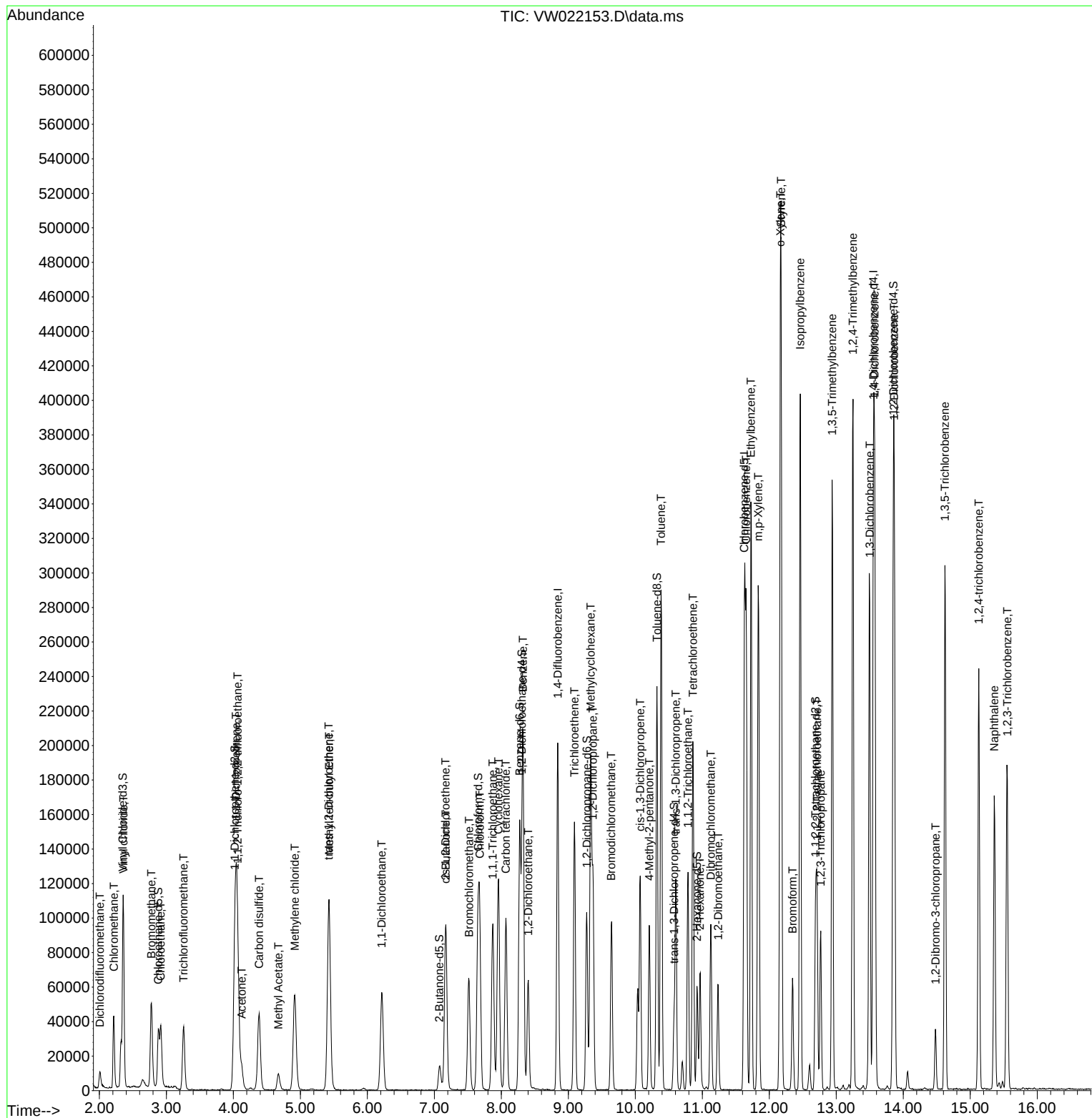
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	56296	24.402	ug/L	97
29) Cyclohexane	7.958	56	65815	24.441	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	78946	24.251	ug/L	99
31) Carbon tetrachloride	8.067	117	74346	24.030	ug/L	100
33) Benzene	8.323	78	184563	23.592	ug/L	100
34) Trichloroethene	9.092	95	51979	23.206	ug/L	93
35) Methylcyclohexane	9.335	83	83819	24.193	ug/L	100
37) 1,2-Dichloropropane	9.366	63	43677	23.932	ug/L	98
38) Bromodichloromethane	9.640	83	63597	24.299	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	71091	25.626	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	55819	56.635	ug/L	100
42) Toluene	10.384	91	216061	24.402	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	64191	25.749	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	40152	24.810	ug/L	94
46) Tetrachloroethene	10.860	164	45583	23.231	ug/L	90
48) 2-Hexanone	10.963	43	40744	59.562	ug/L	97
49) Dibromochloromethane	11.128	129	50117	25.494	ug/L	99
50) 1,2-Dibromoethane	11.237	107	39745	25.461	ug/L	99
51) Chlorobenzene	11.652	112	147770	23.980	ug/L	98
52) Ethylbenzene	11.725	91	242236	24.720	ug/L	97
53) m,p-Xylene	11.835	106	100701	24.974	ug/L	97
54) o-Xylene	12.164	106	94499	24.908	ug/L	88
55) Styrene	12.176	104	161986	25.468	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	49633	26.432	ug/L	97
59) Bromoform	12.347	173	29192	25.013	ug/L	97
60) Isopropylbenzene	12.463	105	265181	25.031	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	35261	25.315	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	183612	26.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	221818	25.765	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	125098	23.804	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	128876	24.471	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	114419	24.488	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	7910	26.863	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.621	180	98958	26.234	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	77115	27.019	ug/L	98
71) Naphthalene	15.359	128	147430	29.262	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	64407	26.090	ug/L	97

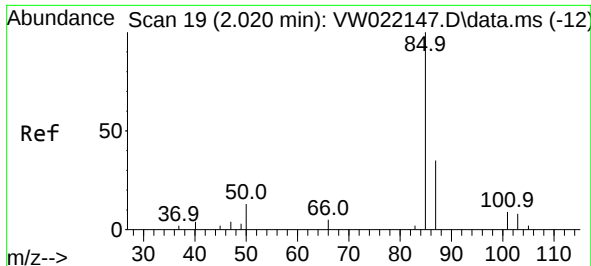
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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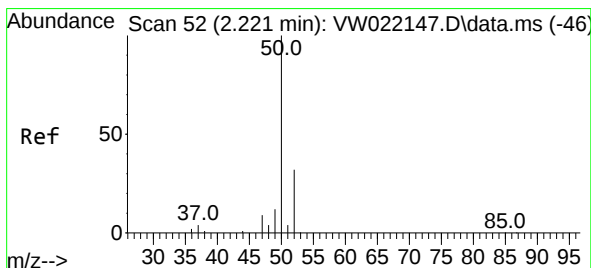
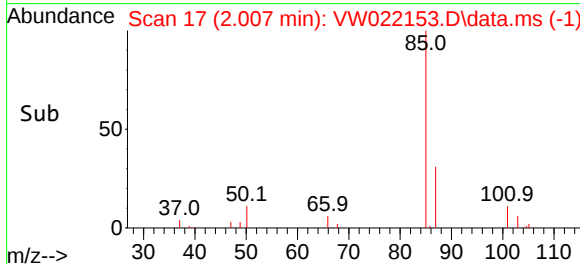
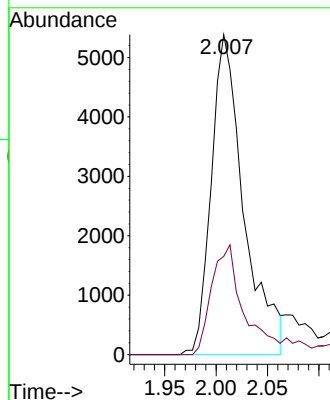
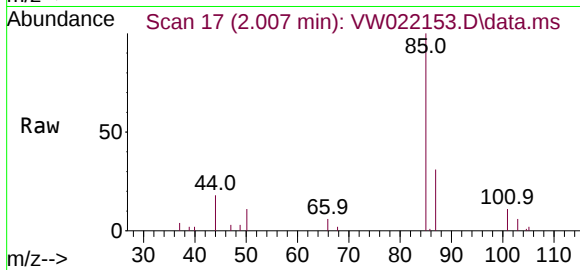




#2
 Dichlorodifluoromethane
 Concen: 24.268 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

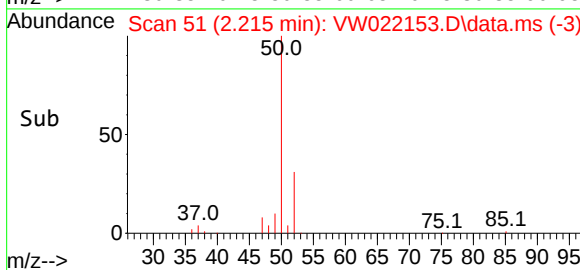
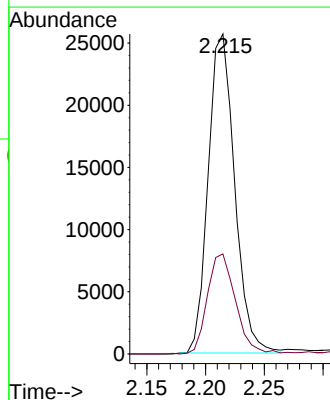
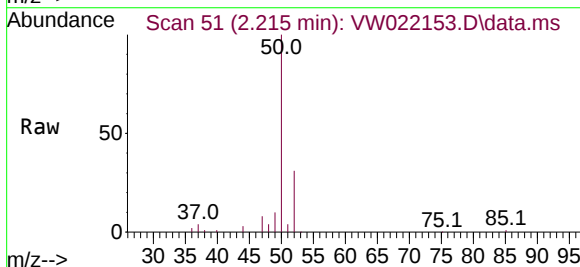
Instrument :
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 ClientSampleId :
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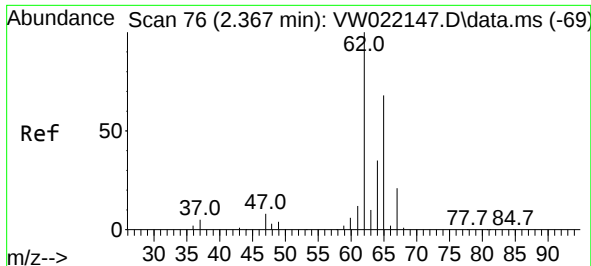
Tgt Ion: 85 Resp: 11853
 Ion Ratio Lower Upper
 85 100
 87 33.5 27.6 41.4



#3
 Chloromethane
 Concen: 24.036 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

Tgt Ion: 50 Resp: 40228
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.9 44.5

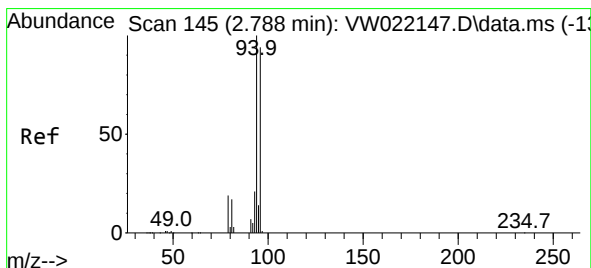
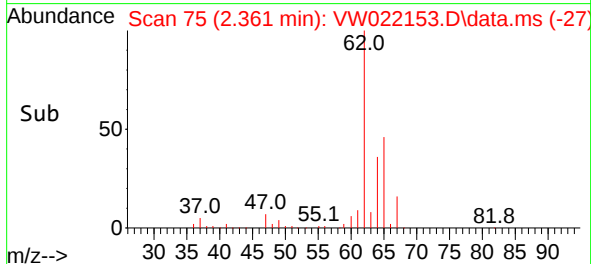
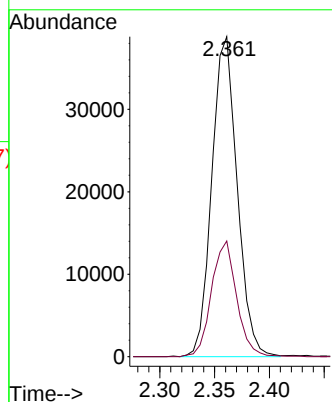
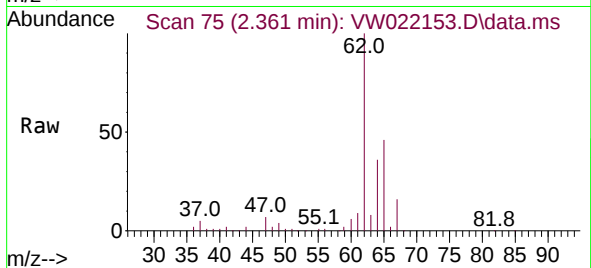




#5
 Vinyl chloride
 Concen: 24.846 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

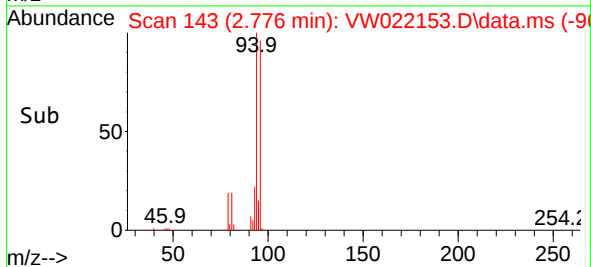
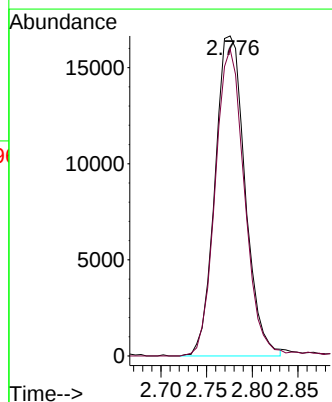
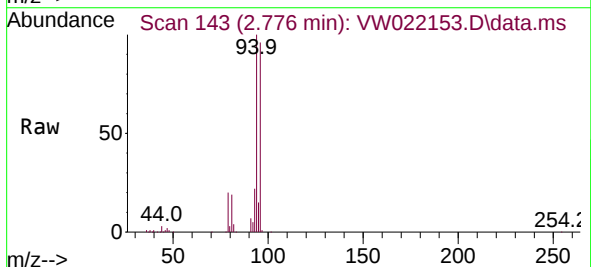
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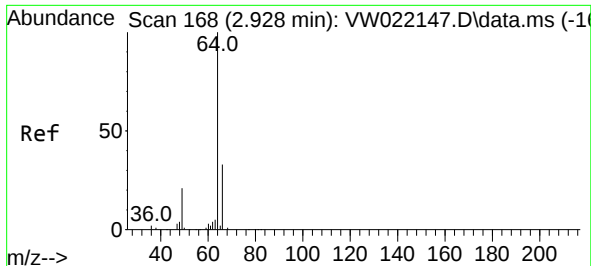
Tgt Ion: 62 Resp: 62480
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.7 45.9



#6
 Bromomethane
 Concen: 21.716 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

Tgt Ion: 94 Resp: 38139
 Ion Ratio Lower Upper
 94 100
 96 95.9 61.2 113.8

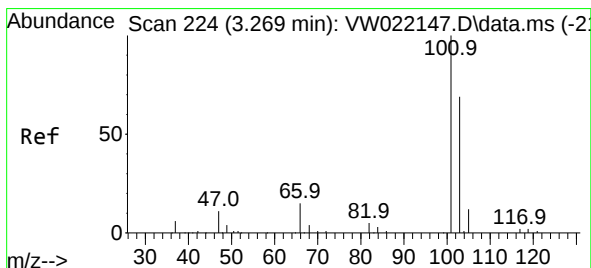
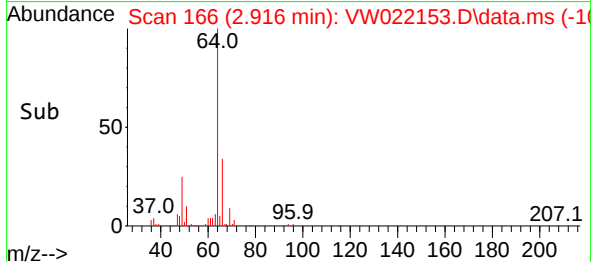
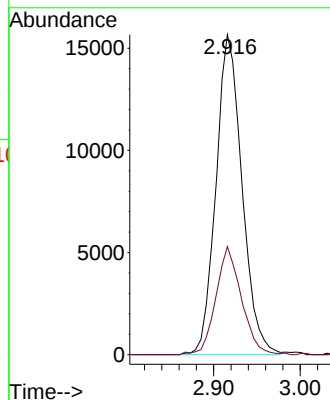
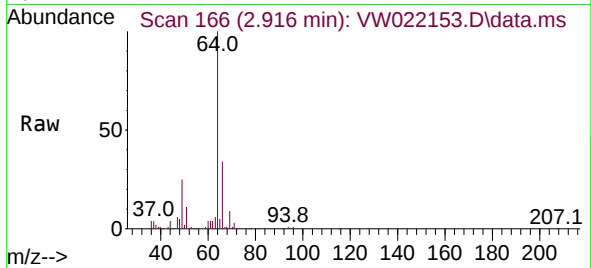




#8
Chloroethane
Concen: 23.174 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.012 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

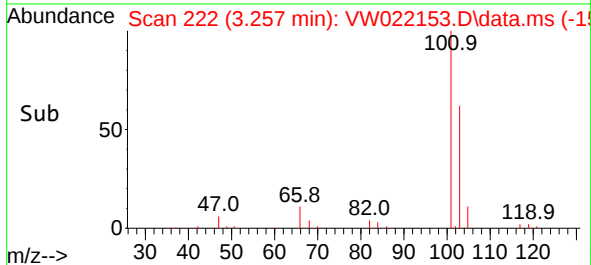
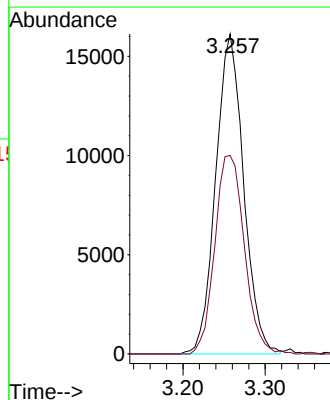
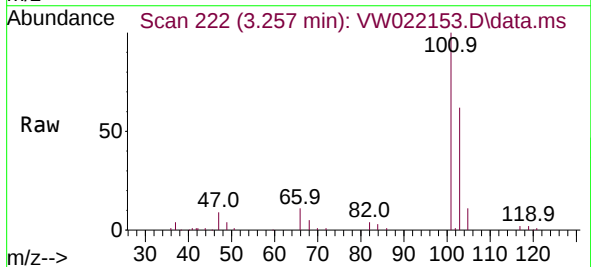
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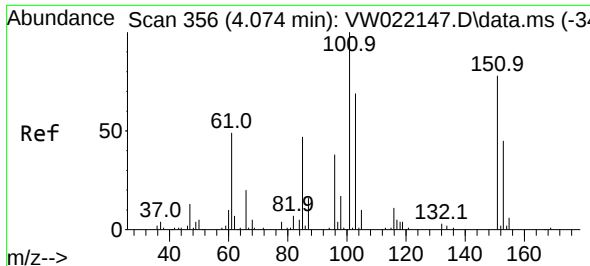
Tgt Ion: 64 Resp: 32737
Ion Ratio Lower Upper
64 100
66 33.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.325 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion: 101 Resp: 38116
Ion Ratio Lower Upper
101 100
103 65.6 53.2 79.8

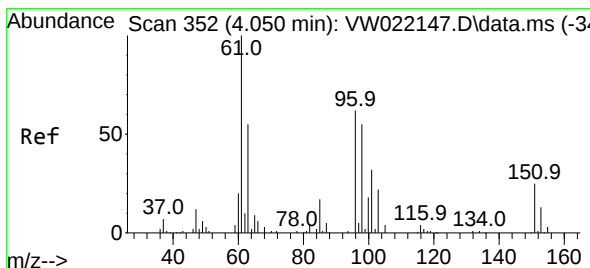
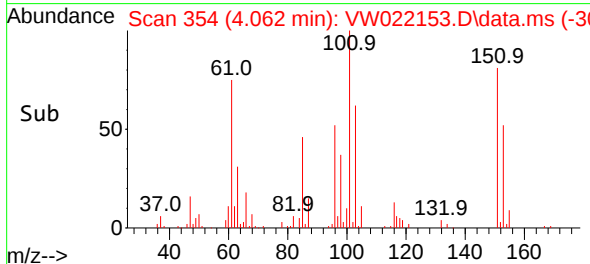
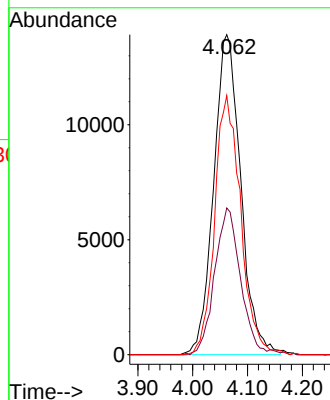
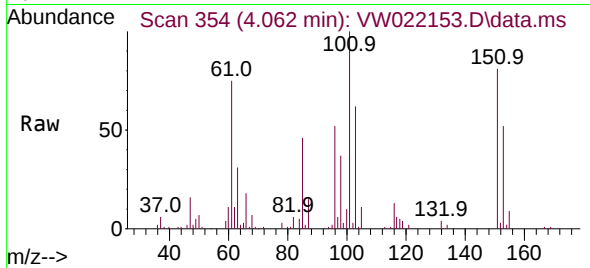




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.916 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

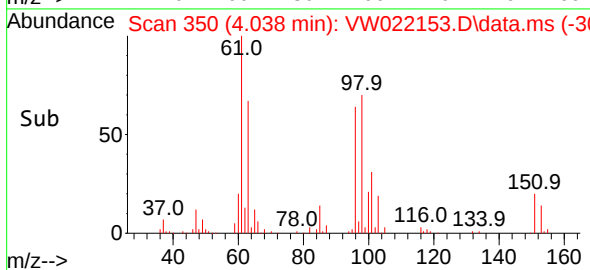
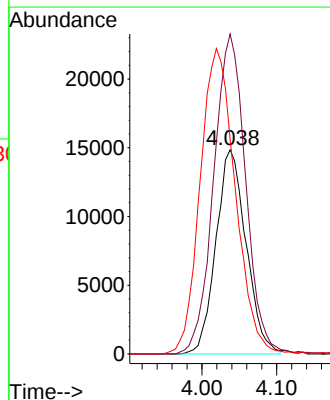
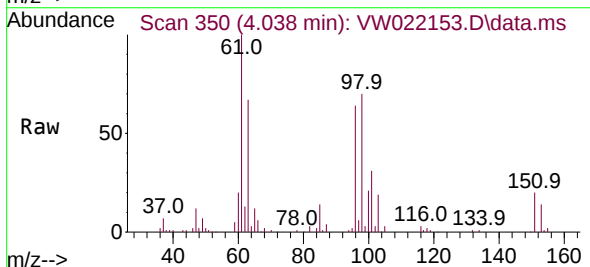
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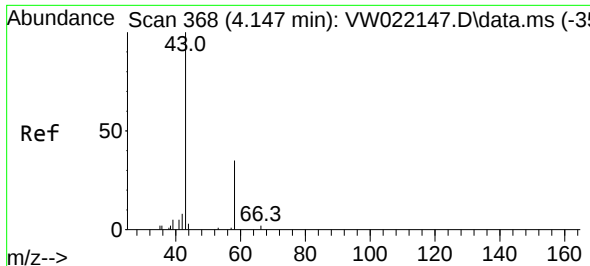
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 Ion Ratio Lower Upper
 101 100
 85 43.4 34.4 51.6
 151 77.4 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 23.046 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.012 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

Tgt Ion: 96 Resp: 41605
 Ion Ratio Lower Upper
 96 100
 61 156.7 108.4 201.2
 63 105.0 72.0 133.6





#13

Acetone

Concen: 54.724 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.024 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

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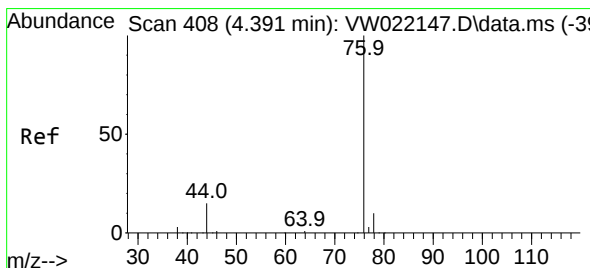
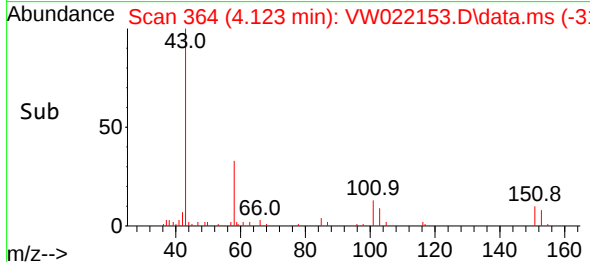
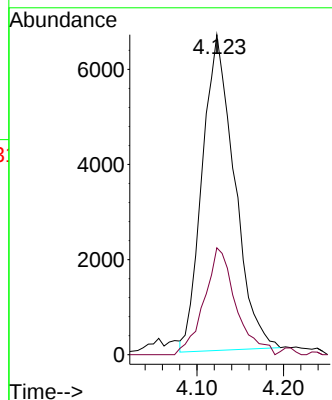
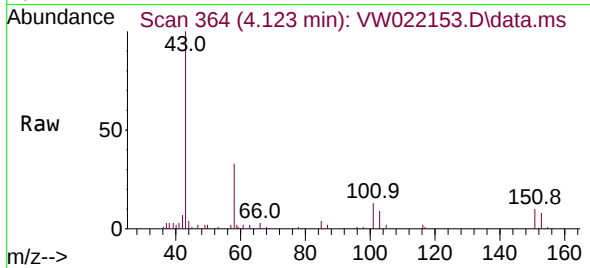
VSTD025568

Tgt Ion: 43 Resp: 17130

Ion Ratio Lower Upper

43 100

58 32.8 0.0 69.2



#14

Carbon disulfide

Concen: 20.668 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

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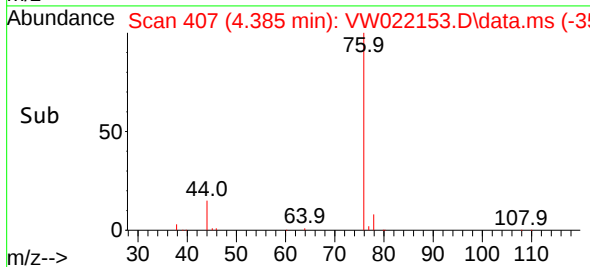
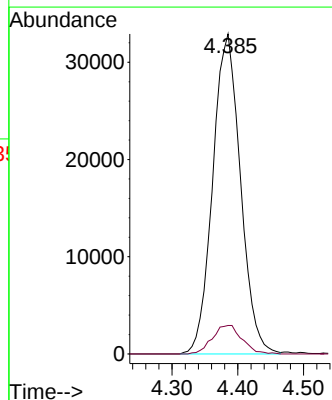
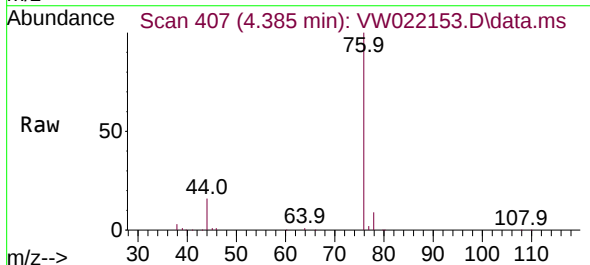
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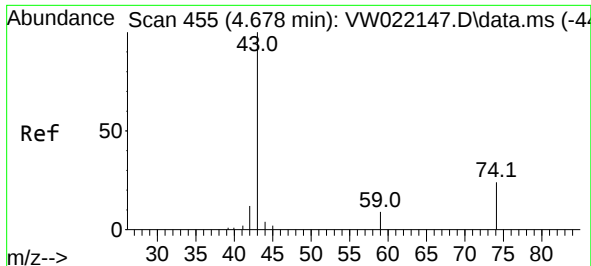
Tgt Ion: 76 Resp: 96734

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.8

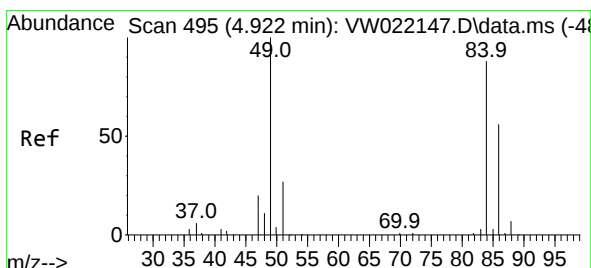
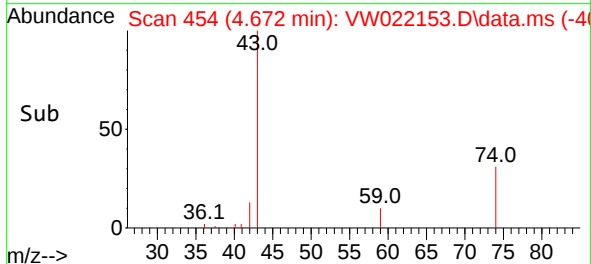
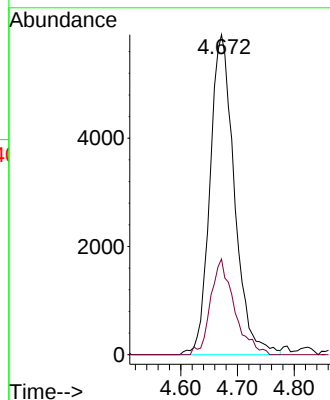
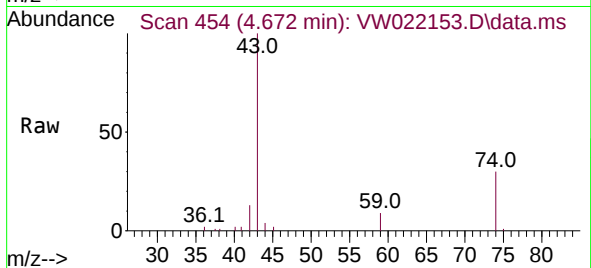




#15
Methyl Acetate
Concen: 25.079 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

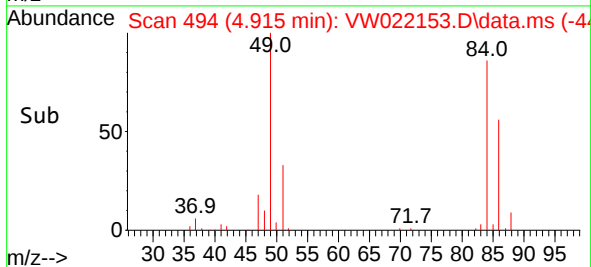
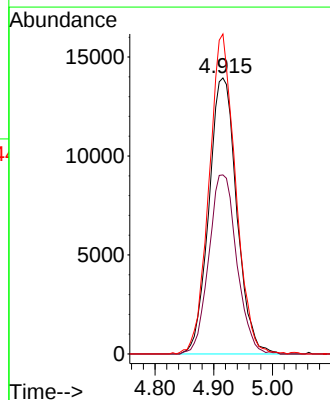
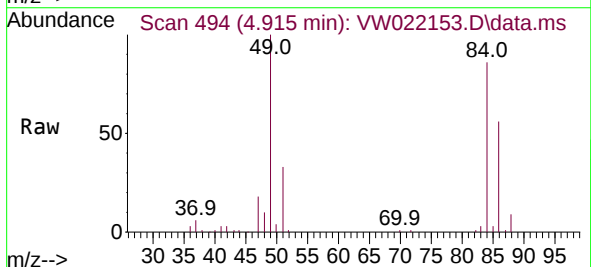
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

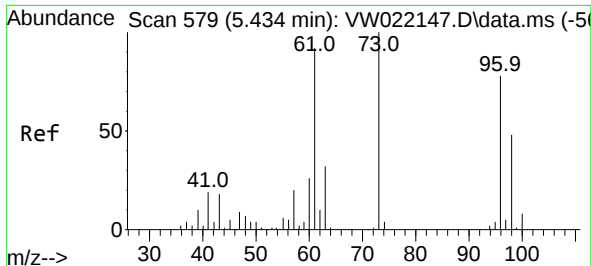
Tgt Ion: 43 Resp: 17673
Ion Ratio Lower Upper
43 100
74 26.5 23.0 34.6



#16
Methylene chloride
Concen: 21.377 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion: 84 Resp: 45856
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 115.9 73.8 137.0



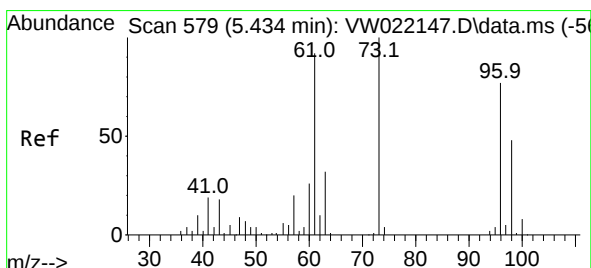
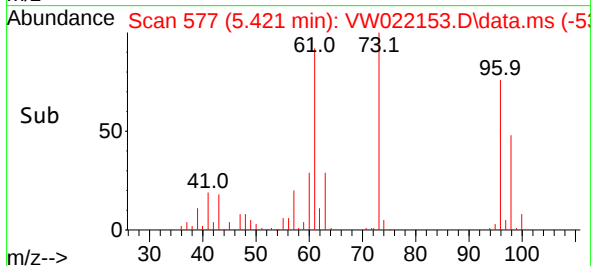
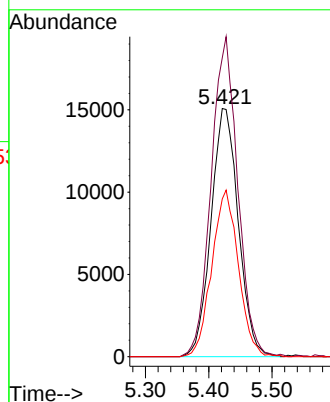
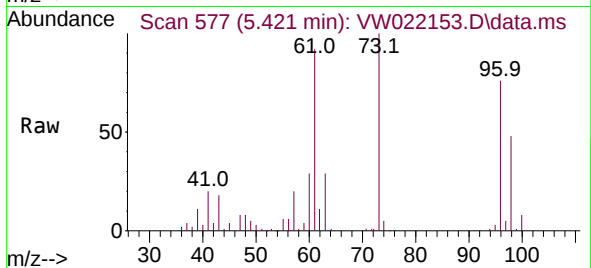


#17
trans-1,2-Dichloroethene
Concen: 22.830 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion: 96 Resp: 45268

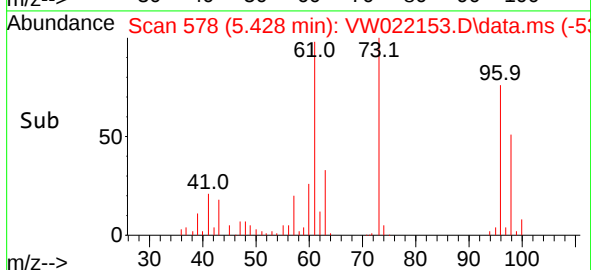
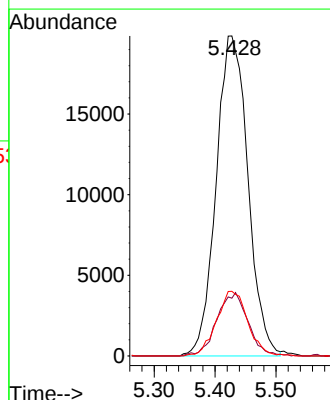
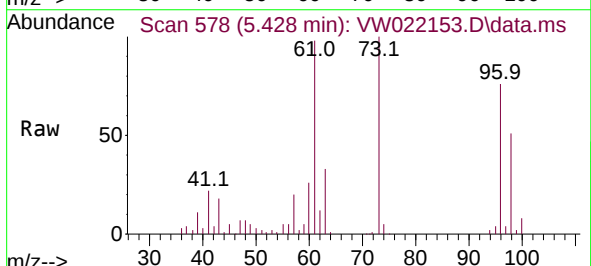
Ion	Ratio	Lower	Upper
96	100		
61	120.4	87.3	162.1
98	63.6	43.2	80.2

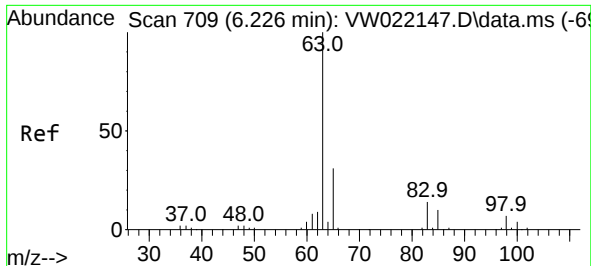


#18
Methyl tert-butyl Ether
Concen: 26.640 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion: 73 Resp: 71867

Ion	Ratio	Lower	Upper
73	100		
43	19.2	15.4	23.2
57	19.8	16.5	24.7





#19

1,1-Dichloroethane

Concen: 24.218 ug/L

RT: 6.214 min Scan# 709

Delta R.T. -0.012 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

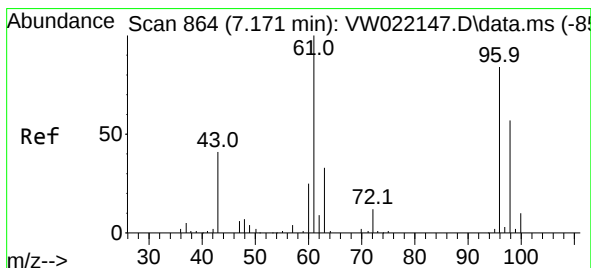
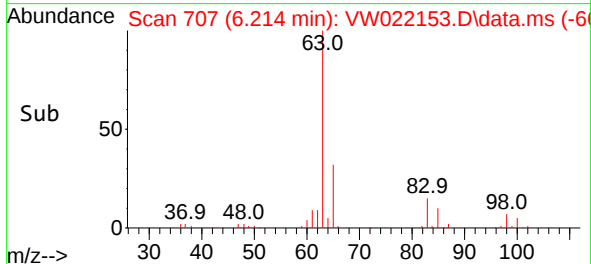
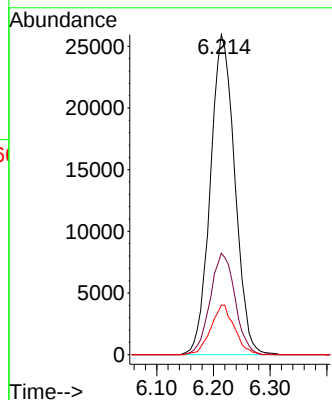
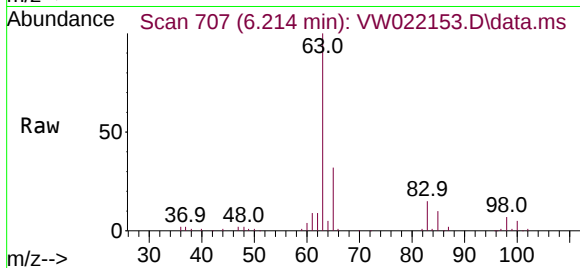
Tgt Ion: 63 Resp: 77742

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 15.5 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 23.933 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

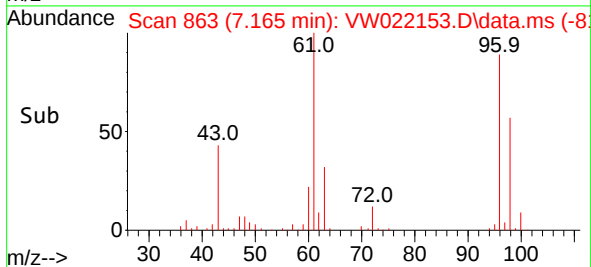
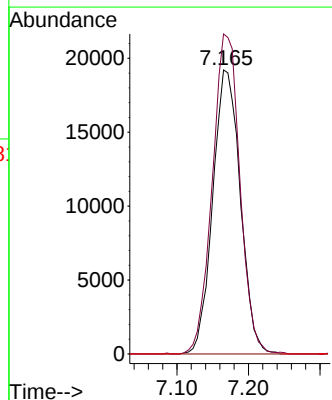
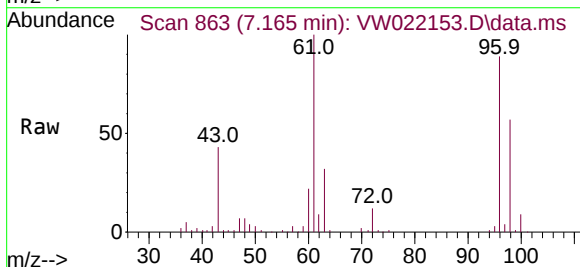
Tgt Ion: 96 Resp: 51407

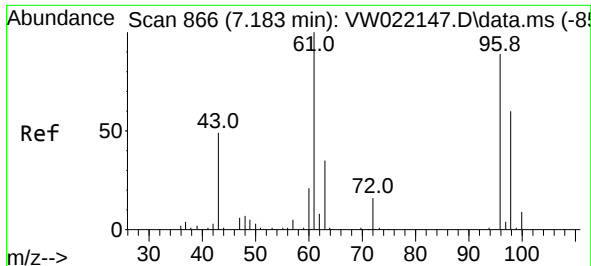
Ion Ratio Lower Upper

96 100

61 112.7 76.8 142.6

68 0.0 0.0 0.0

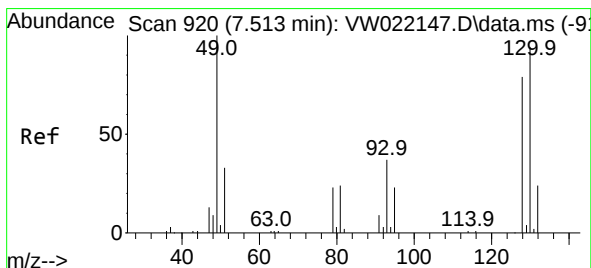
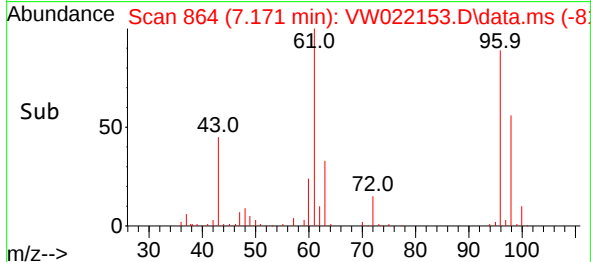
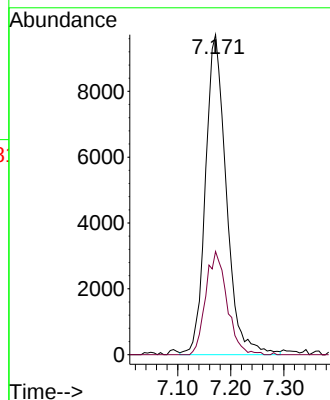
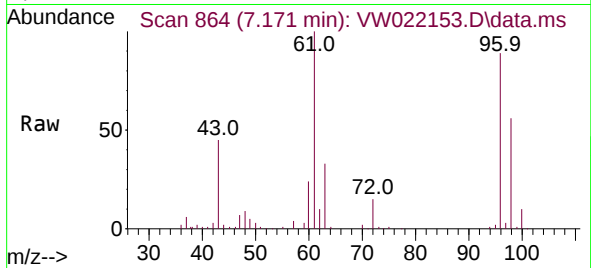




#22
2-Butanone
Concen: 59.014 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.012 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

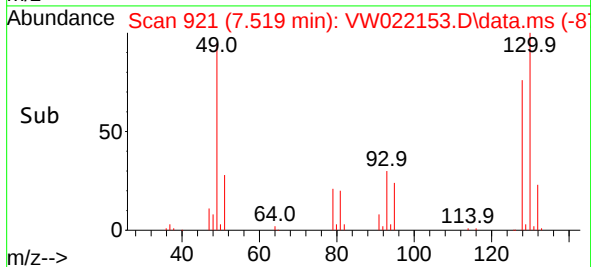
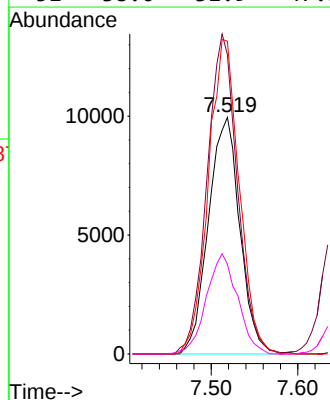
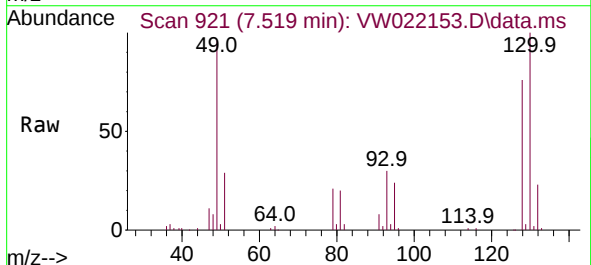
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

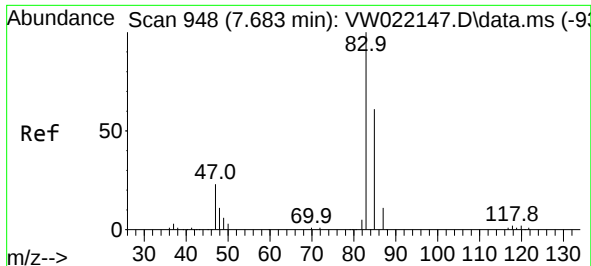
Tgt Ion: 43 Resp: 26536
Ion Ratio Lower Upper
43 100
72 32.6 17.0 51.0



#23
Bromochloromethane
Concen: 23.839 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion:128 Resp: 25014
Ion Ratio Lower Upper
128 100
49 126.5 84.2 156.4
130 132.2 84.8 157.4
51 38.0 31.9 47.9

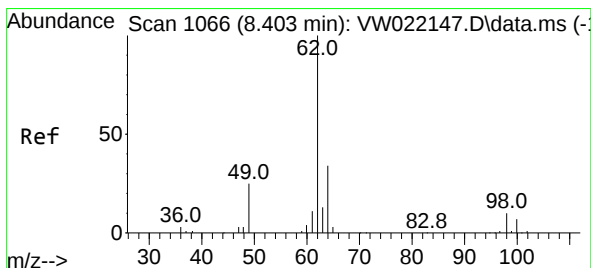
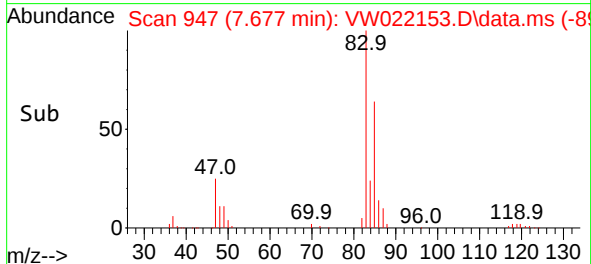
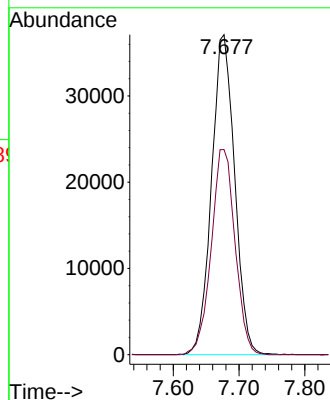
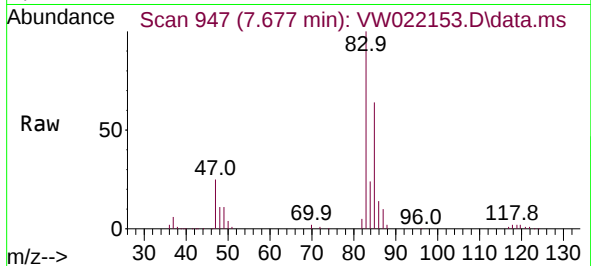




#25
Chloroform
Concen: 24.213 ug/L
RT: 7.677 min Scan# 948
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

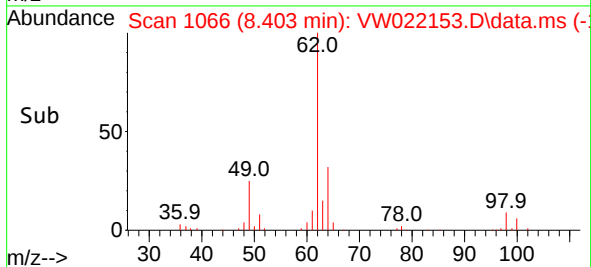
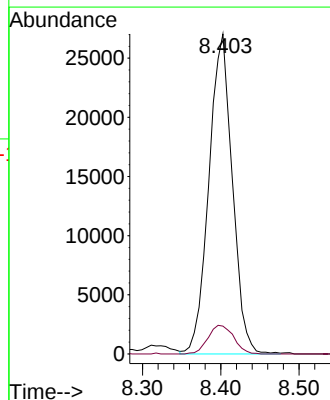
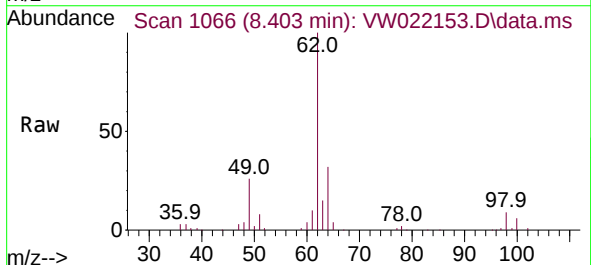
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

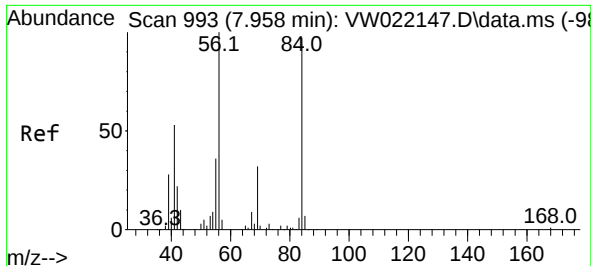
Tgt Ion: 83 Resp: 90692
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.402 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion: 62 Resp: 56296
Ion Ratio Lower Upper
62 100
98 8.7 7.9 11.9





#29

Cyclohexane

Concen: 24.441 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

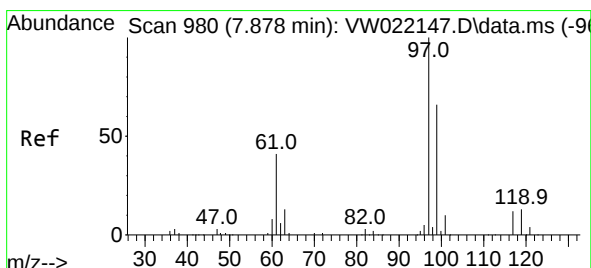
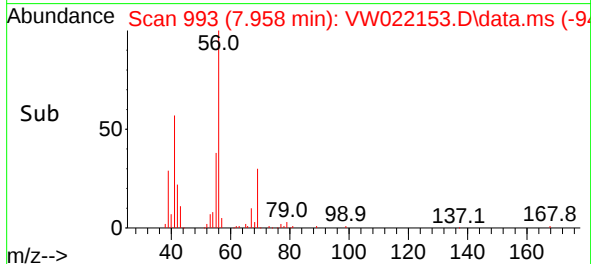
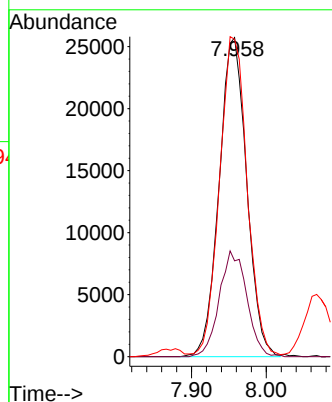
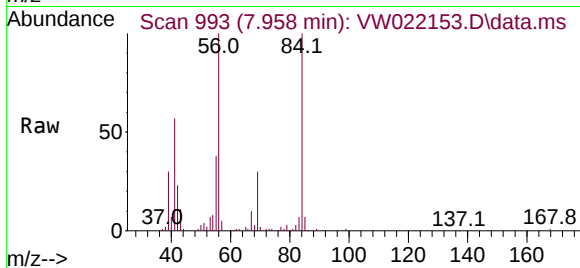
Tgt Ion: 56 Resp: 65815

Ion Ratio Lower Upper

56 100

69 32.9 26.3 39.5

84 100.7 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 24.251 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

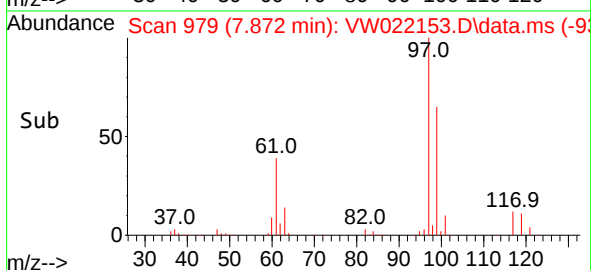
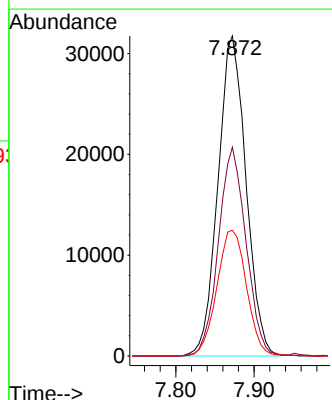
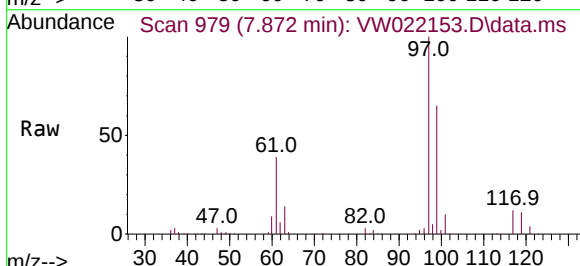
Tgt Ion: 97 Resp: 78946

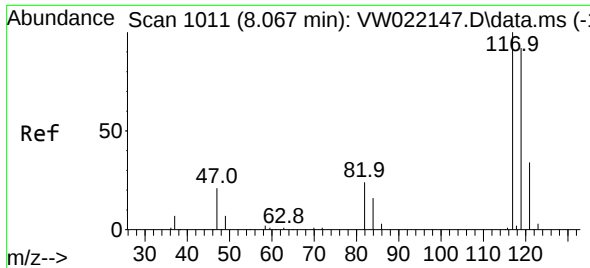
Ion Ratio Lower Upper

97 100

99 64.2 52.6 78.8

61 41.5 33.0 49.6

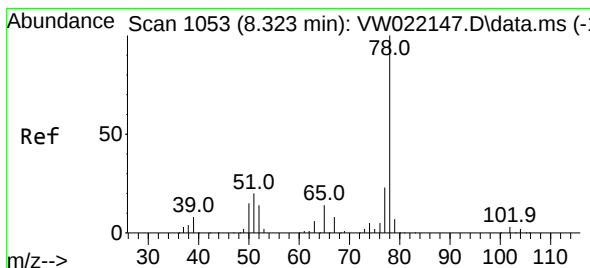
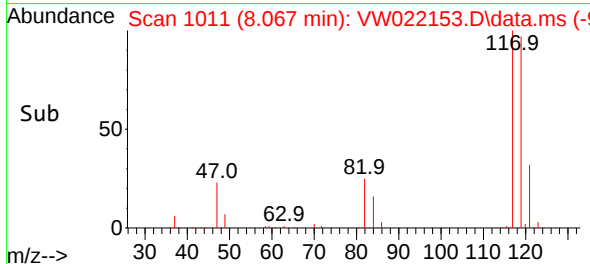
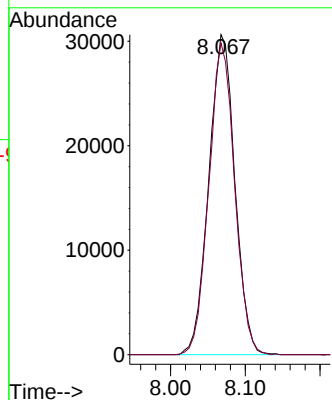
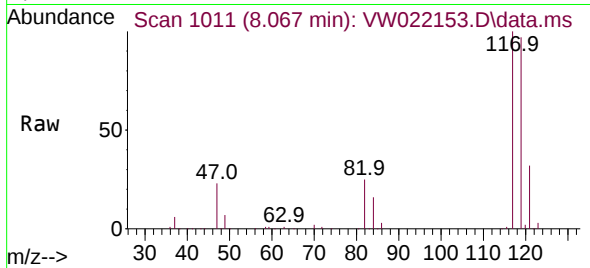




#31
Carbon tetrachloride
Concen: 24.030 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

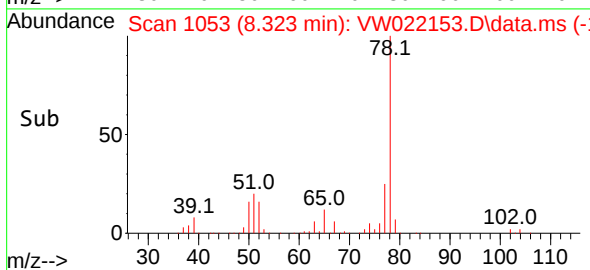
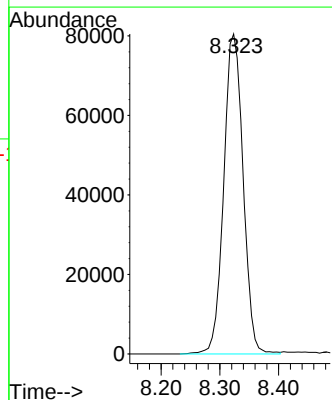
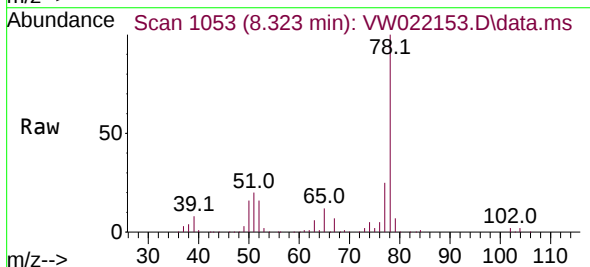
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

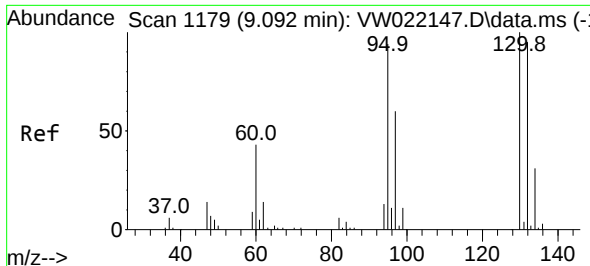
Tgt Ion:117 Resp: 74346
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 23.592 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion: 78 Resp: 184563

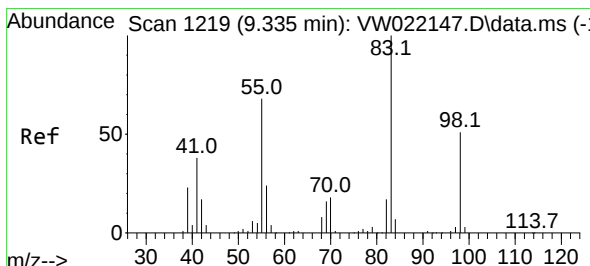
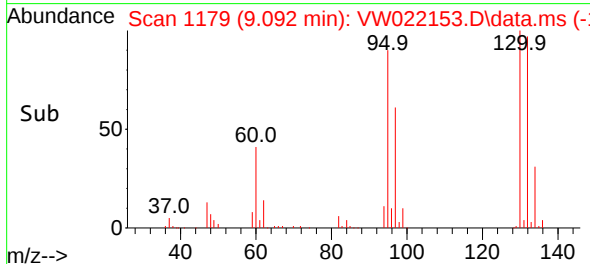
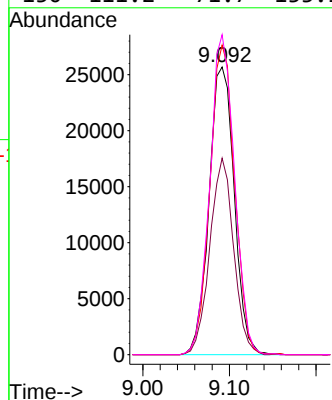
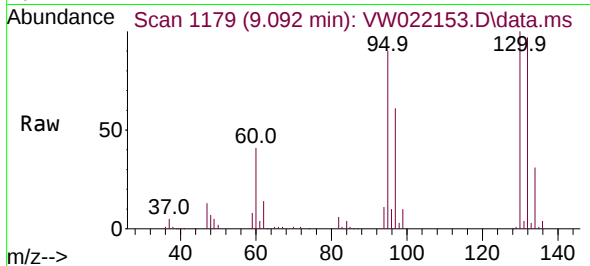




#34
Trichloroethene
Concen: 23.206 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

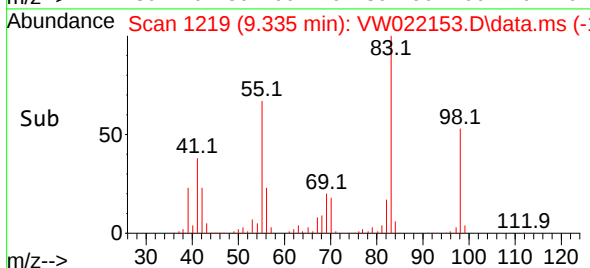
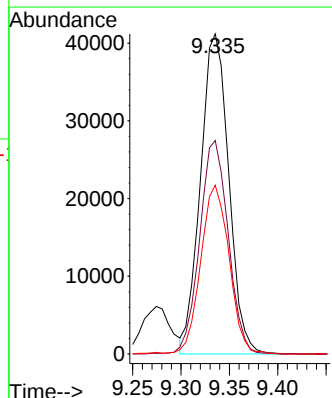
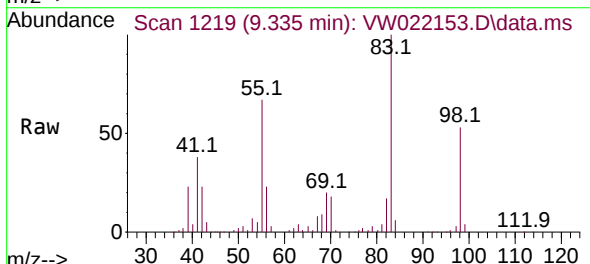
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

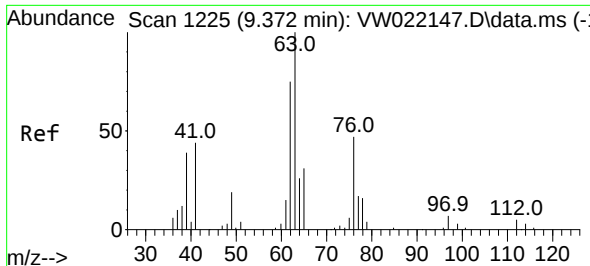
Tgt Ion: 95 Resp: 51979
Ion Ratio Lower Upper
95 100
97 68.3 44.4 82.4
132 107.6 71.7 133.1
130 111.2 71.7 133.1



#35
Methylcyclohexane
Concen: 24.193 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion: 83 Resp: 83819
Ion Ratio Lower Upper
83 100
55 67.3 53.8 80.8
98 53.0 42.1 63.1





#37

1,2-Dichloropropane

Concen: 23.932 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

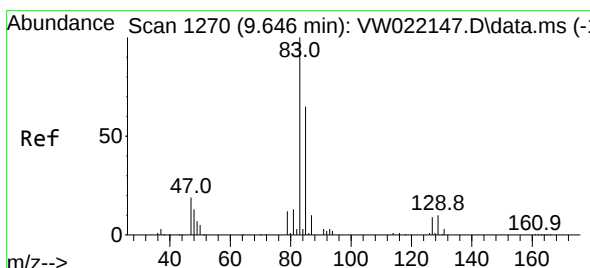
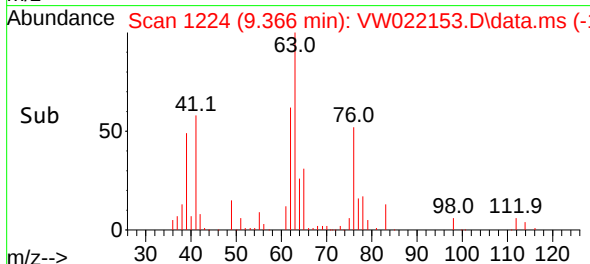
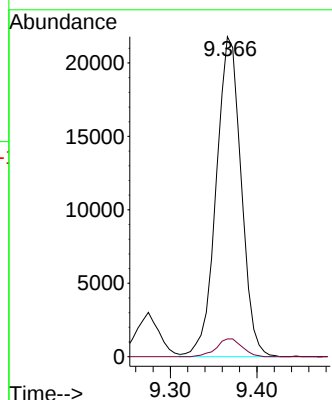
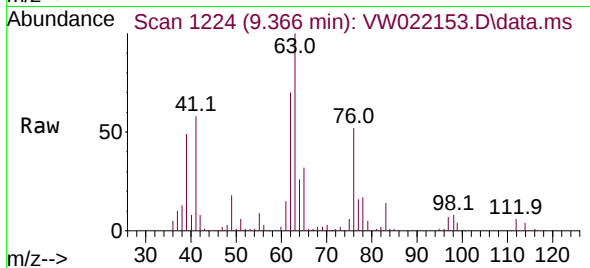
VSTD025568

Tgt Ion: 63 Resp: 43677

Ion Ratio Lower Upper

63 100

112 5.7 4.1 6.1



#38

Bromodichloromethane

Concen: 24.299 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

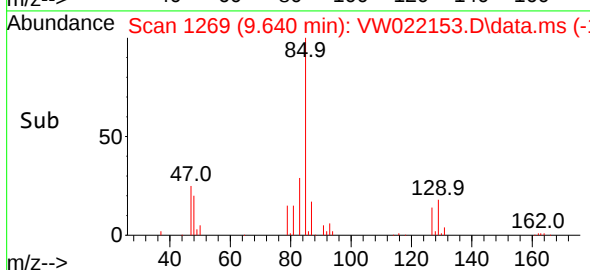
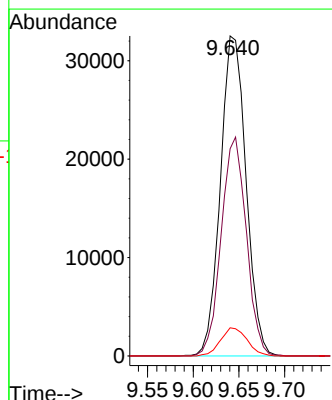
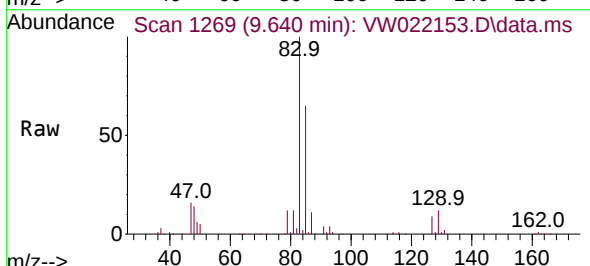
Tgt Ion: 83 Resp: 63597

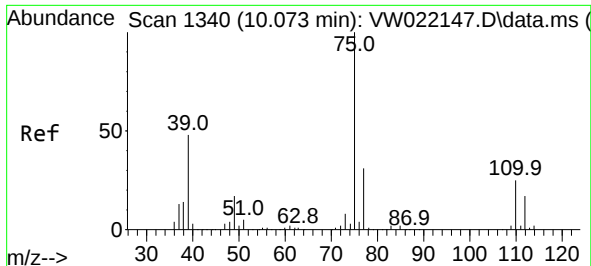
Ion Ratio Lower Upper

83 100

85 64.7 47.9 89.1

127 8.8 7.5 11.3

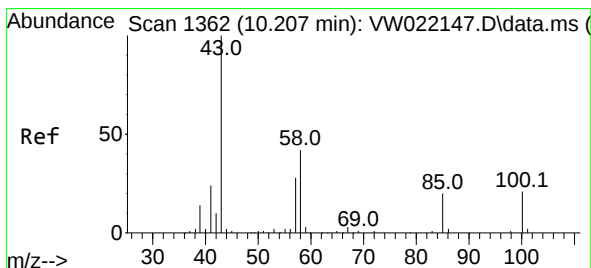
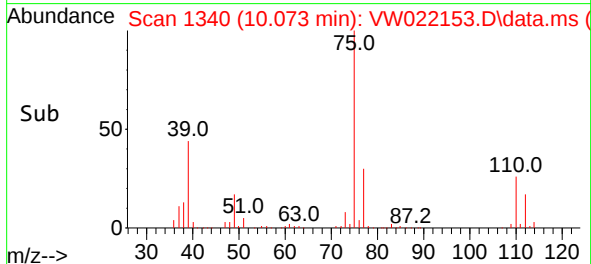
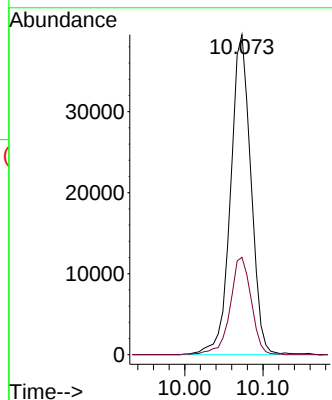
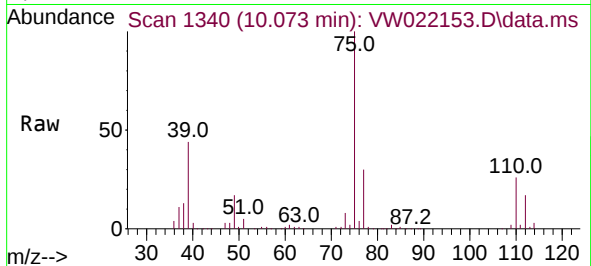




#39
 cis-1,3-Dichloropropene
 Concen: 25.626 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

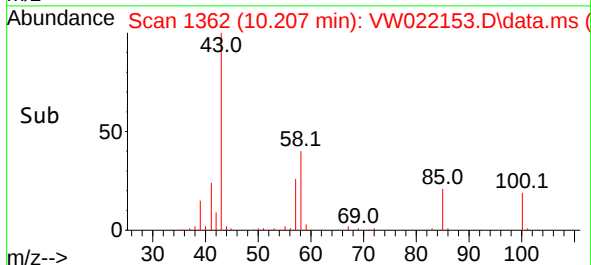
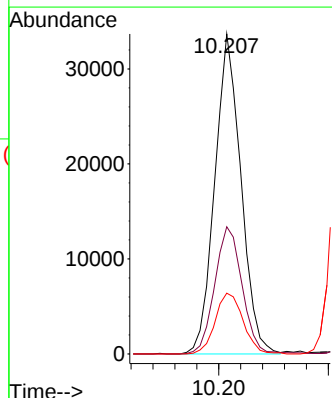
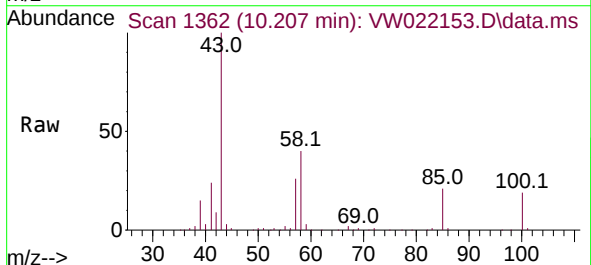
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

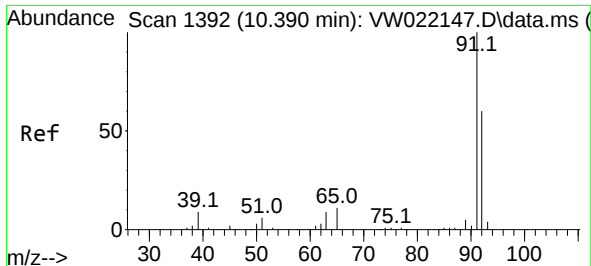
Tgt Ion: 75 Resp: 71091
 Ion Ratio Lower Upper
 75 100
 77 30.4 20.6 38.2



#40
 4-Methyl-2-pentanone
 Concen: 56.635 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022153.D
 Acq: 25 Feb 2022 16:26

Tgt Ion: 43 Resp: 55819
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.2 49.8
 100 20.3 16.1 24.1





#42

Toluene

Concen: 24.402 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

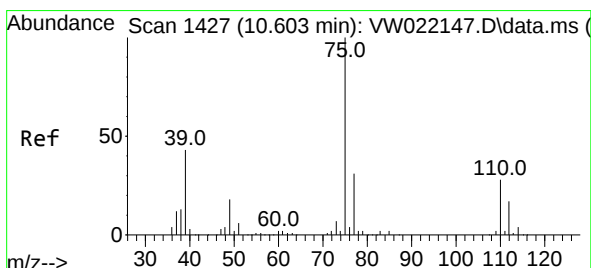
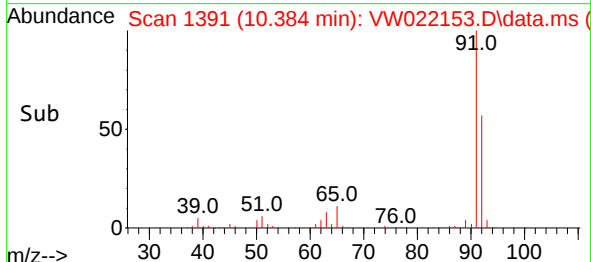
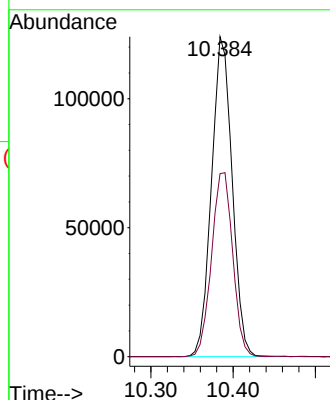
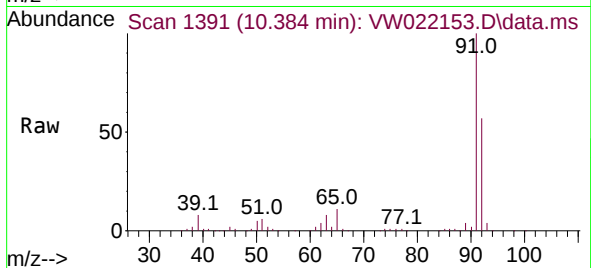
VSTD025568

Tgt Ion: 91 Resp: 216061

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 25.749 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022153.D

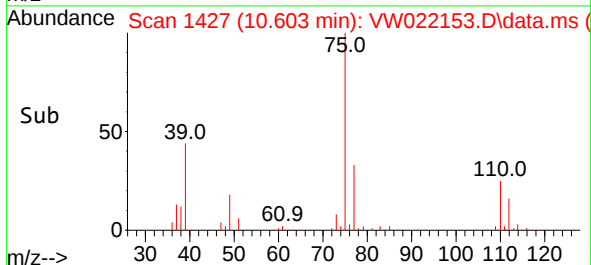
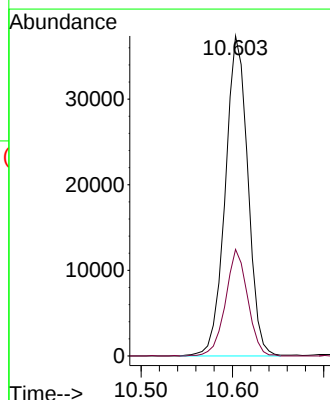
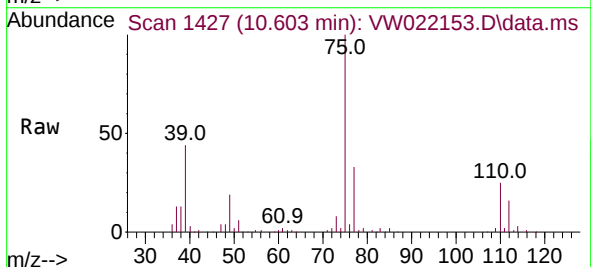
Acq: 25 Feb 2022 16:26

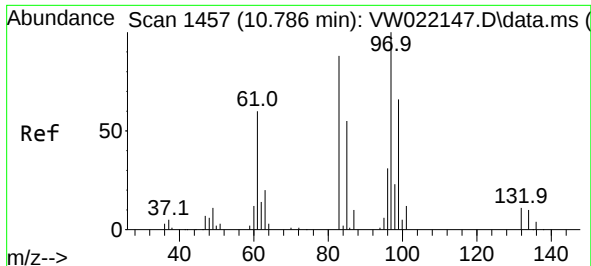
Tgt Ion: 75 Resp: 64191

Ion Ratio Lower Upper

75 100

77 33.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.810 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

Tgt Ion: 97 Resp: 40152

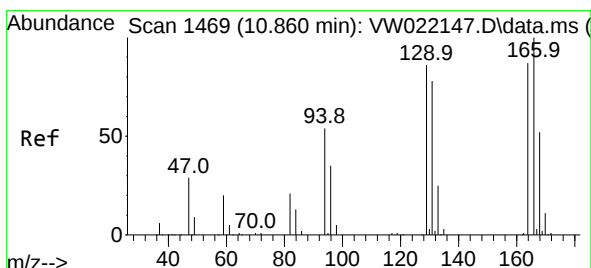
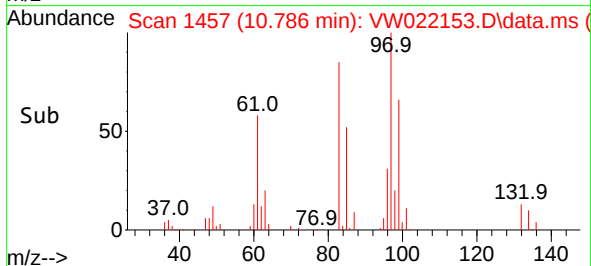
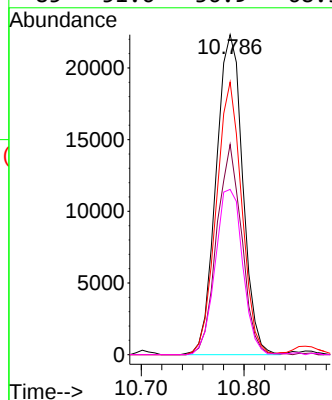
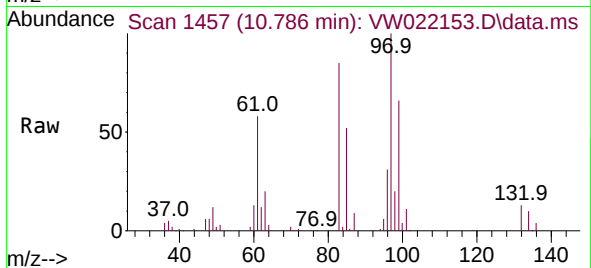
Ion Ratio Lower Upper

97 100

99 65.7 43.5 80.7

83 85.2 53.5 99.3

85 51.6 36.9 68.5



#46

Tetrachloroethene

Concen: 23.231 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Tgt Ion:164 Resp: 45583

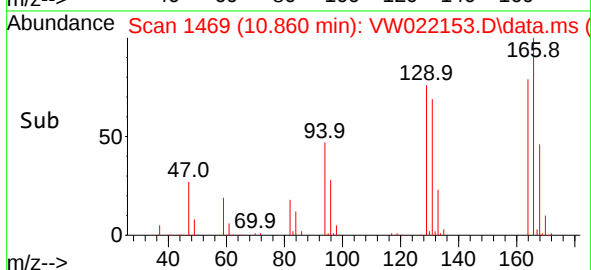
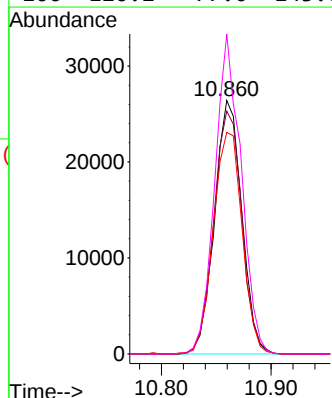
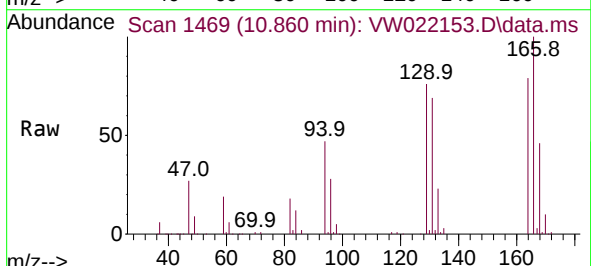
Ion Ratio Lower Upper

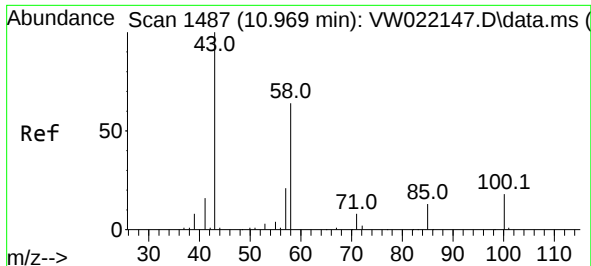
164 100

129 95.8 60.3 111.9

131 87.4 59.9 111.3

166 126.2 77.0 143.0

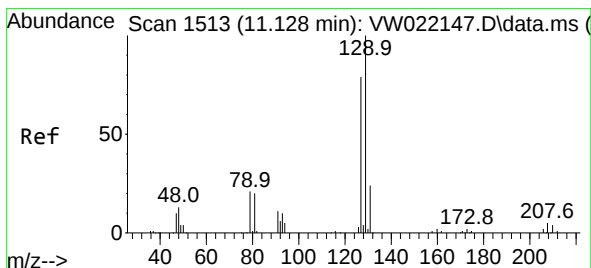
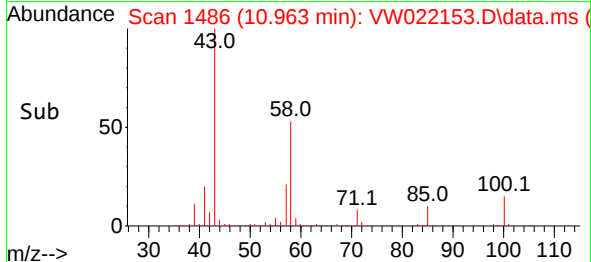
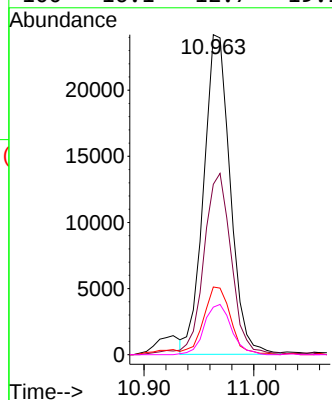
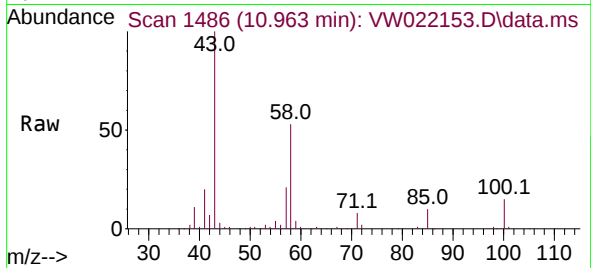




#48
2-Hexanone
Concen: 59.562 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

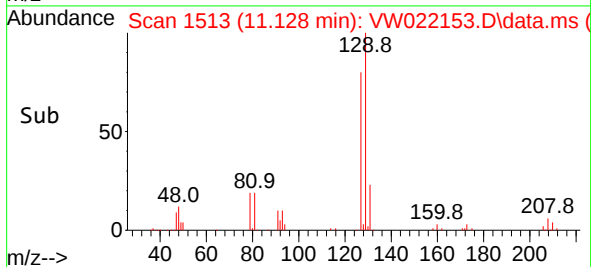
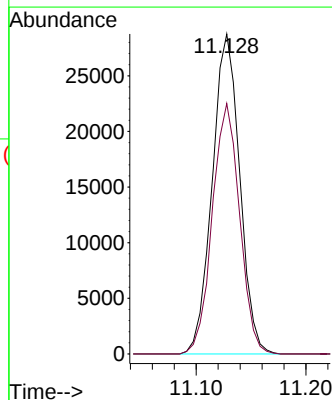
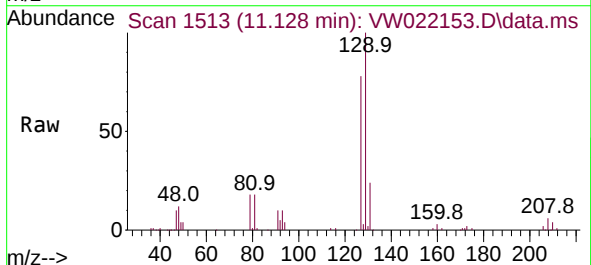
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

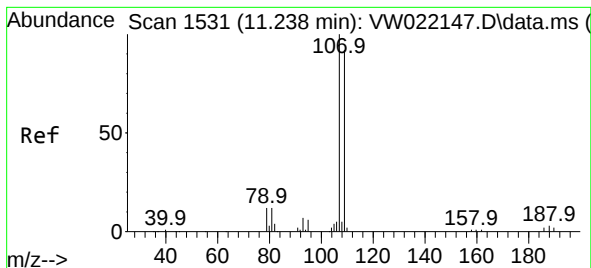
Tgt Ion:	43	Resp:	40744
Ion	Ratio	Lower	Upper
43	100		
58	58.3	44.6	66.8
57	21.6	15.8	23.8
100	16.1	12.7	19.1



#49
Dibromochloromethane
Concen: 25.494 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion:	129	Resp:	50117
Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.5	101.1

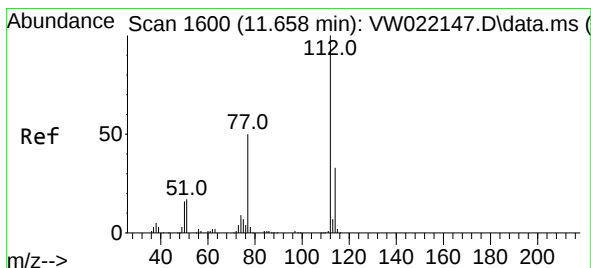
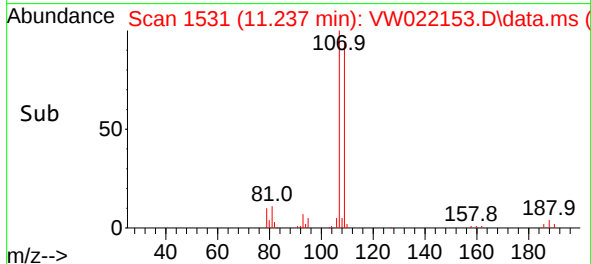
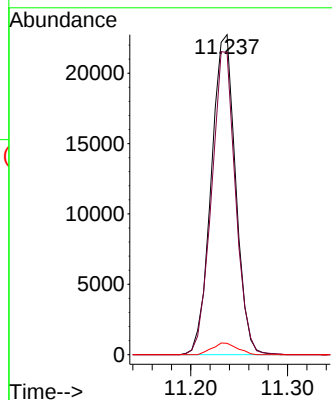
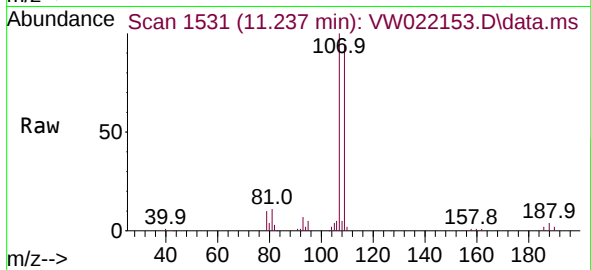




#50
1,2-Dibromoethane
Concen: 25.461 ug/L
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

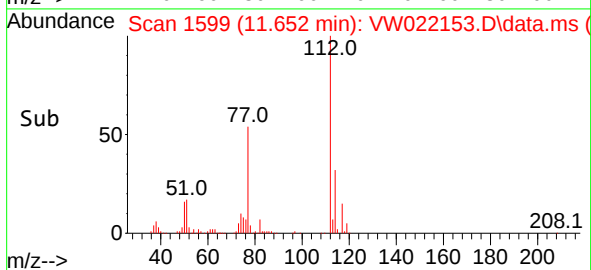
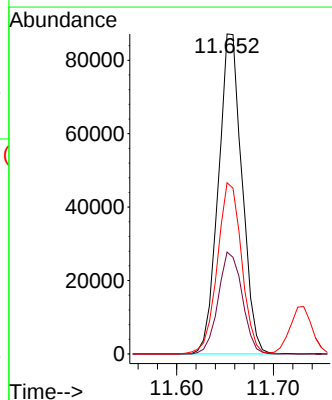
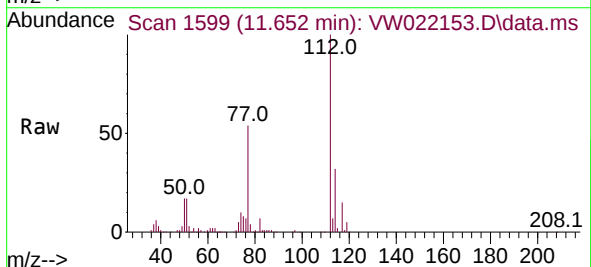
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

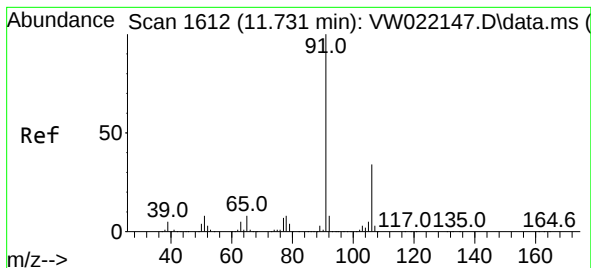
Tgt Ion:107 Resp: 39745
Ion Ratio Lower Upper
107 100
109 94.4 66.8 124.2
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 23.980 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion:112 Resp: 147770
Ion Ratio Lower Upper
112 100
114 31.8 23.0 42.8
77 53.5 41.8 62.6

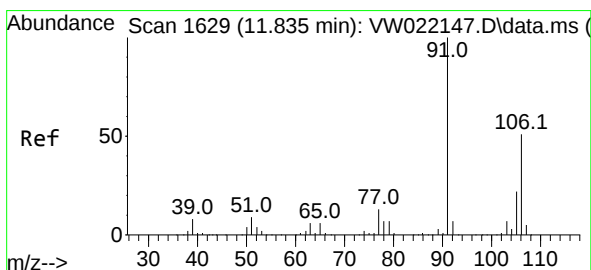
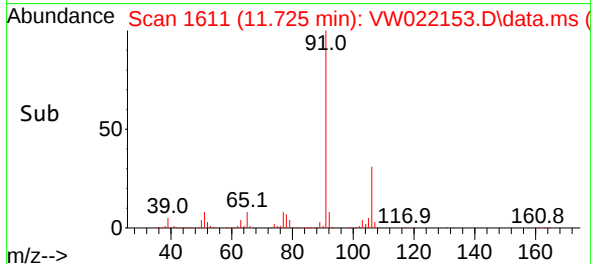
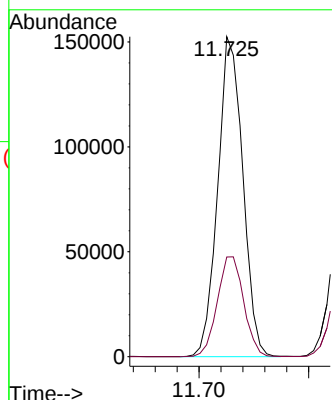
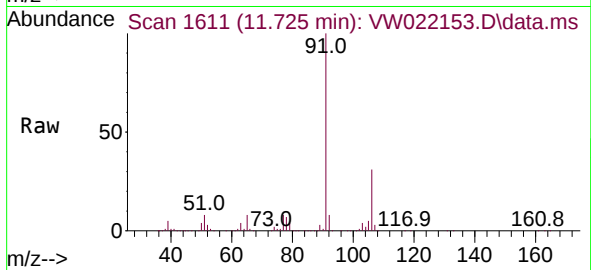




#52
Ethylbenzene
Concen: 24.720 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

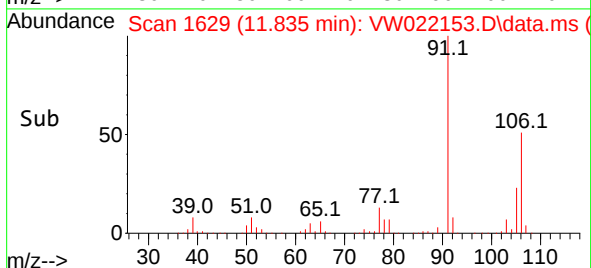
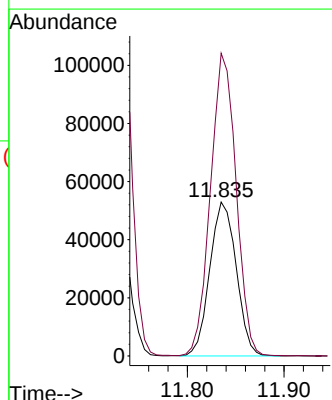
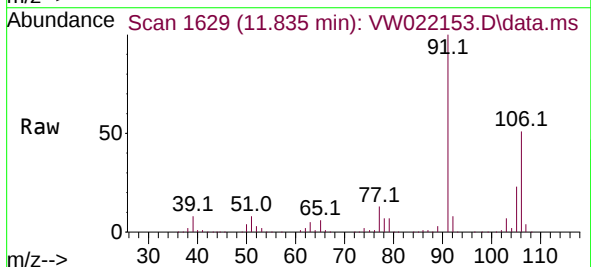
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

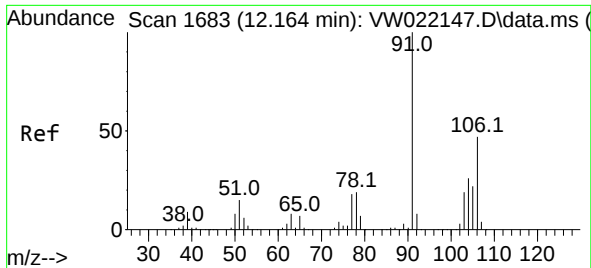
Tgt Ion: 91 Resp: 242236
Ion Ratio Lower Upper
91 100
106 31.1 22.8 42.4



#53
m,p-Xylene
Concen: 24.974 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion:106 Resp: 100701
Ion Ratio Lower Upper
106 100
91 196.7 135.0 250.8

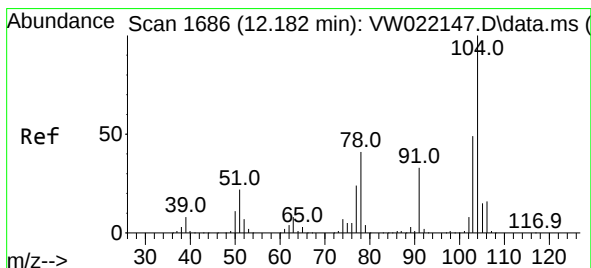
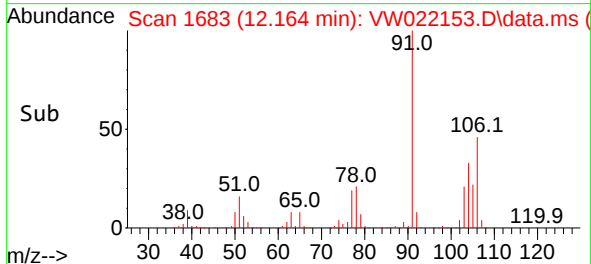
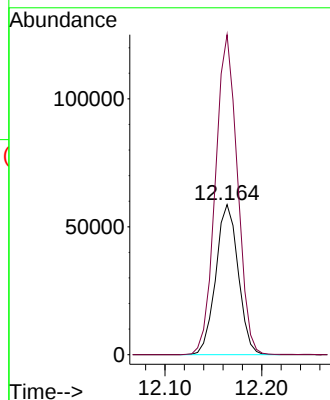
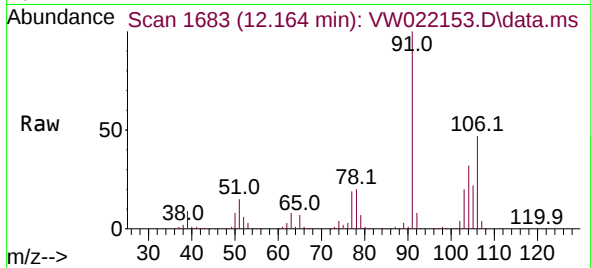




#54
o-Xylene
Concen: 24.908 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

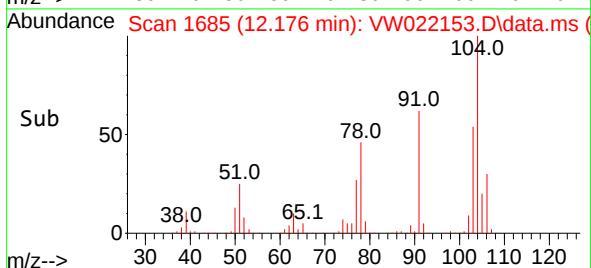
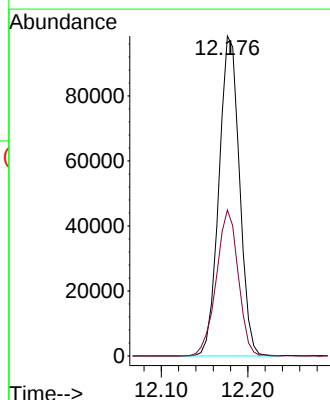
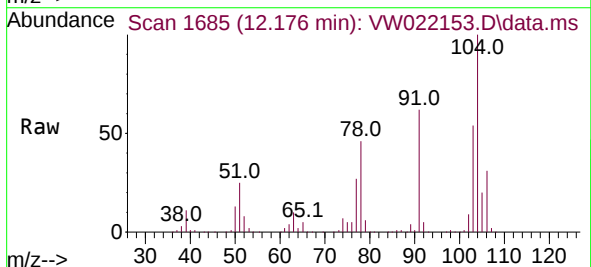
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

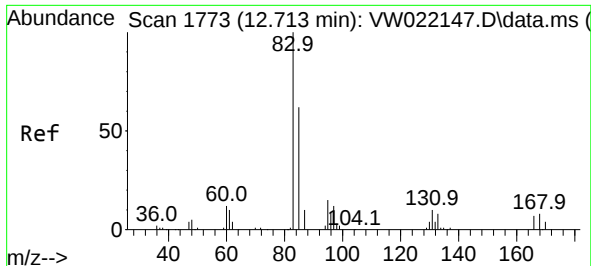
Tgt Ion:106 Resp: 94499
Ion Ratio Lower Upper
106 100
91 213.1 136.9 254.3



#55
Styrene
Concen: 25.468 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion:104 Resp: 161986
Ion Ratio Lower Upper
104 100
78 45.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.432 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

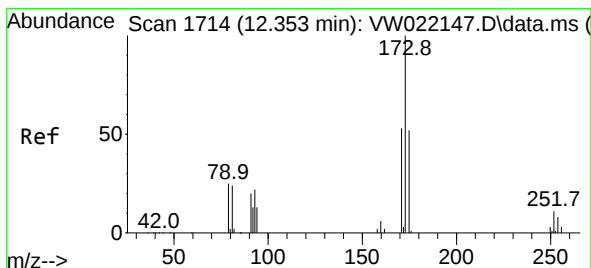
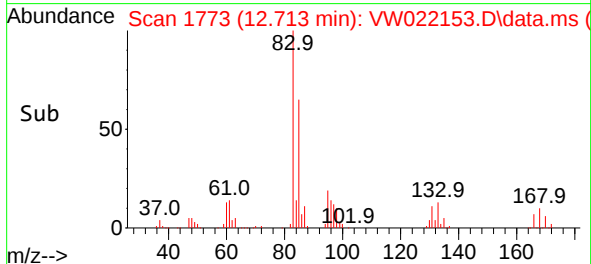
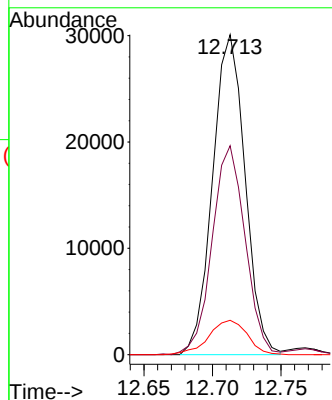
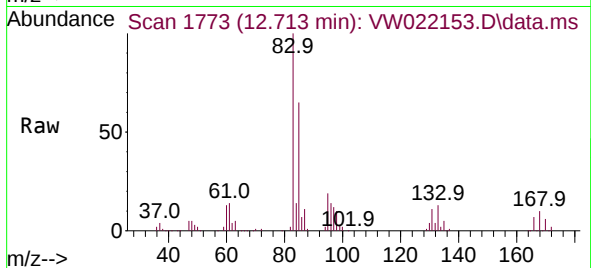
Tgt Ion: 83 Resp: 49633

Ion Ratio Lower Upper

83 100

85 65.3 44.2 82.0

131 10.7 9.4 14.0



#59

Bromoform

Concen: 25.013 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

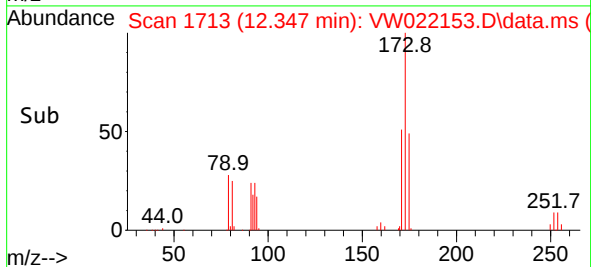
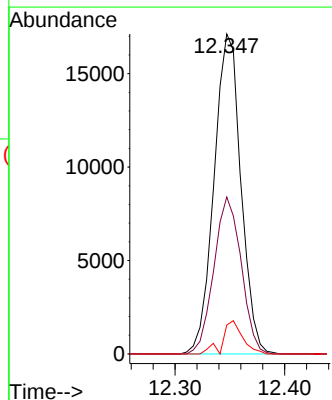
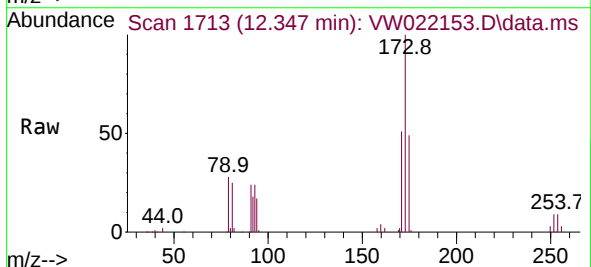
Tgt Ion: 173 Resp: 29192

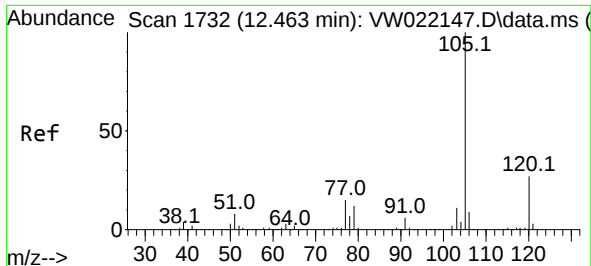
Ion Ratio Lower Upper

173 100

175 49.7 38.2 57.4

254 6.7 5.0 7.6

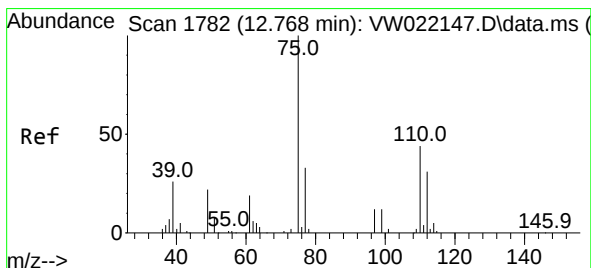
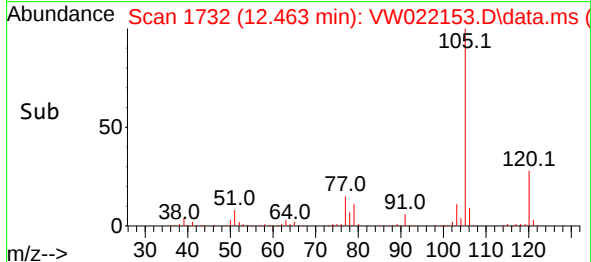
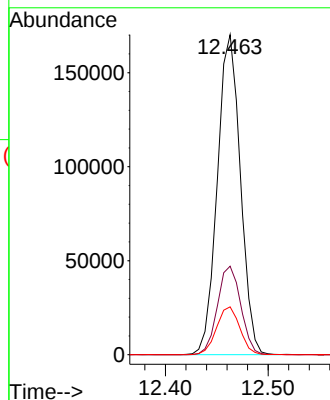
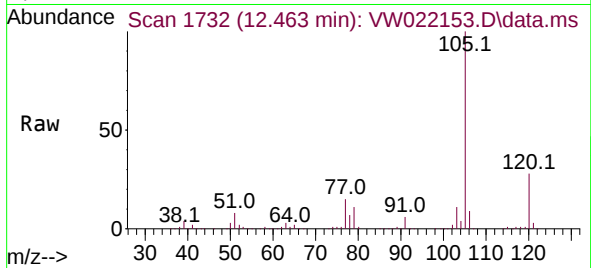




#60
Isopropylbenzene
Concen: 25.031 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

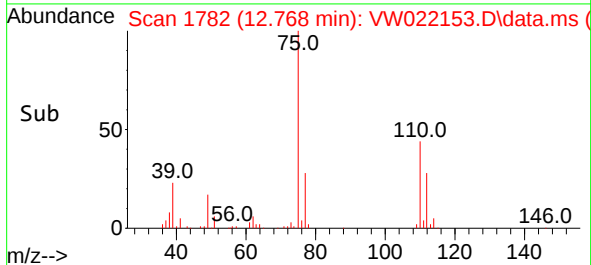
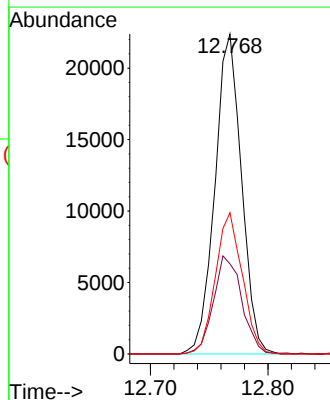
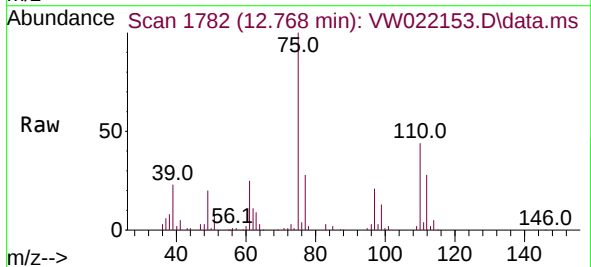
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

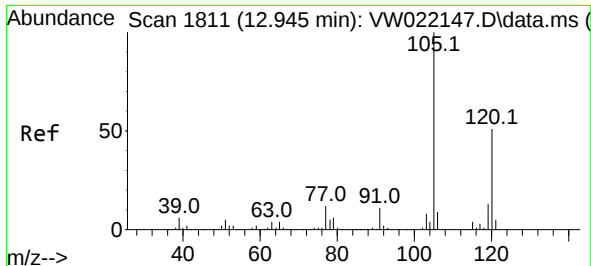
Tgt Ion:105 Resp: 265181
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 25.315 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion: 75 Resp: 35261
Ion Ratio Lower Upper
75 100
77 32.6 27.1 40.7
110 44.6 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 26.064 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

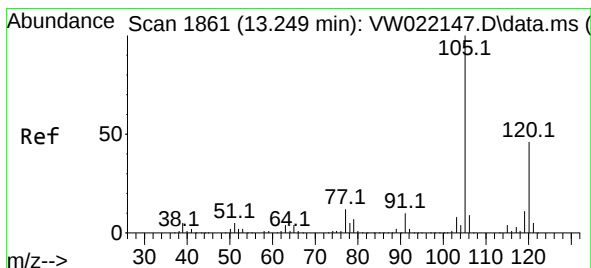
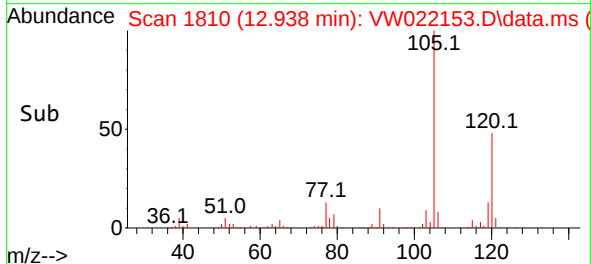
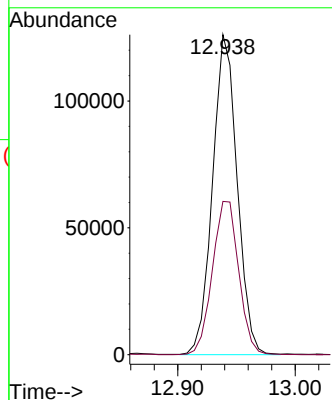
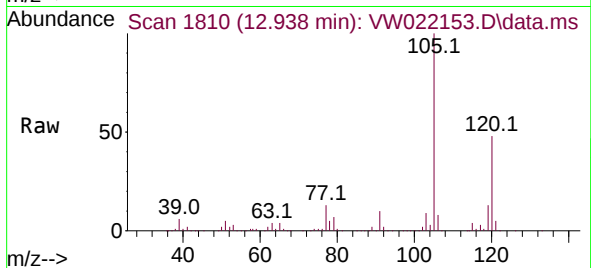
VSTD025568

Tgt Ion:105 Resp: 183612

Ion Ratio Lower Upper

105 100

120 51.3 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 25.765 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022153.D

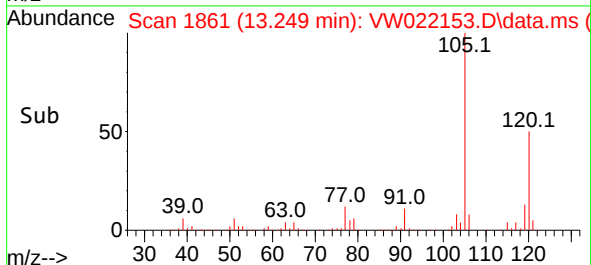
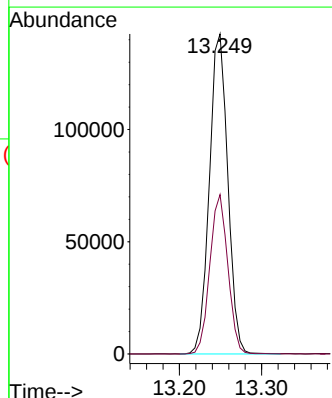
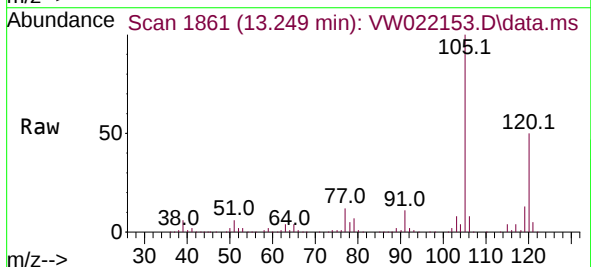
Acq: 25 Feb 2022 16:26

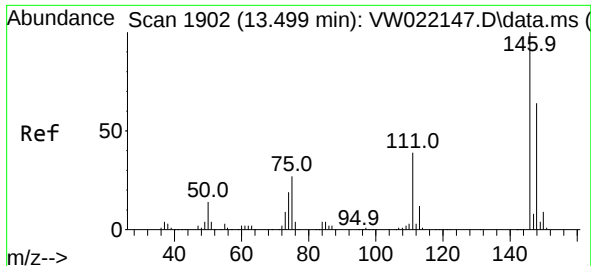
Tgt Ion:105 Resp: 221818

Ion Ratio Lower Upper

105 100

120 48.6 39.2 58.8

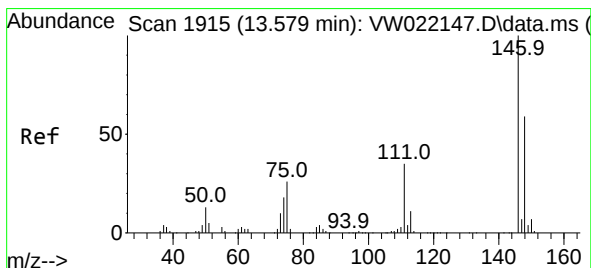
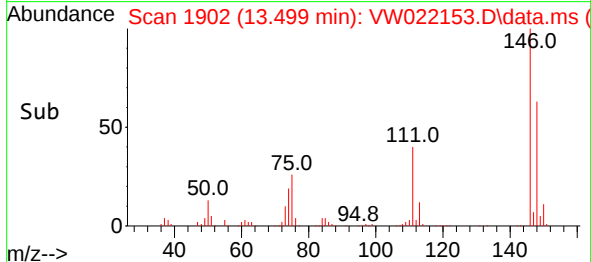
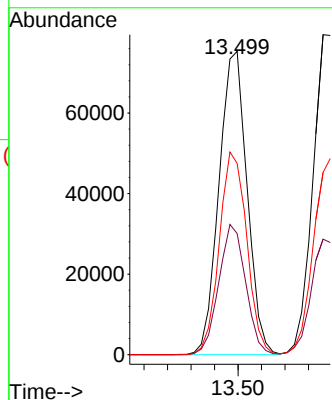
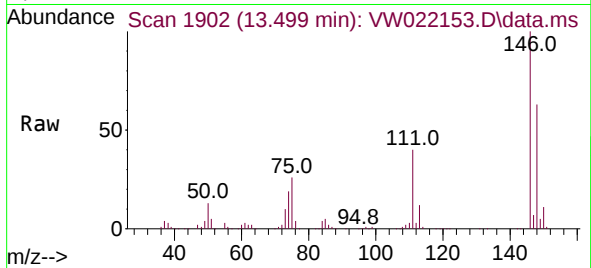




#64
1,3-Dichlorobenzene
Concen: 23.804 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

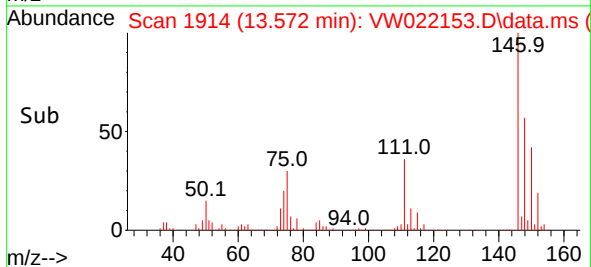
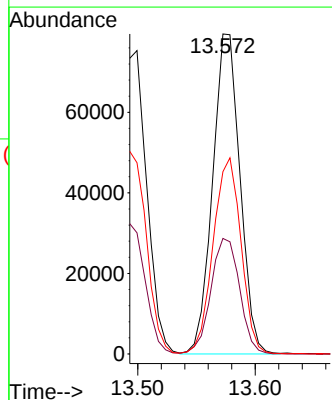
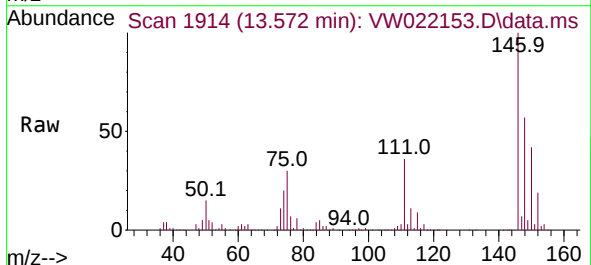
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

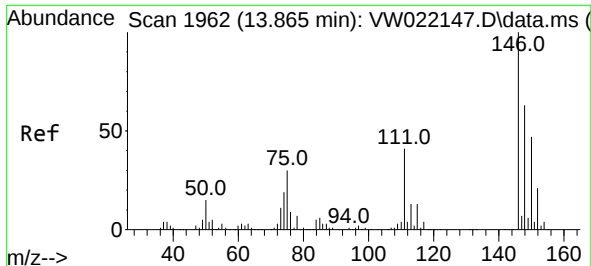
Tgt Ion:146 Resp: 125098
Ion Ratio Lower Upper
146 100
111 39.9 26.9 49.9
148 63.0 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.471 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion:146 Resp: 128876
Ion Ratio Lower Upper
146 100
111 36.1 27.5 51.1
148 57.0 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 24.488 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

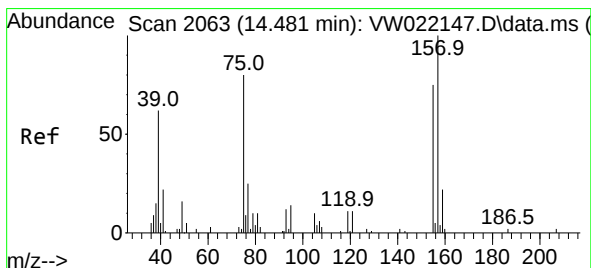
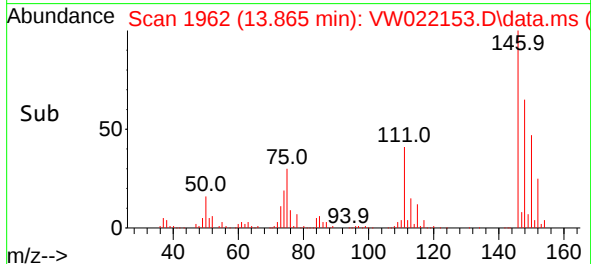
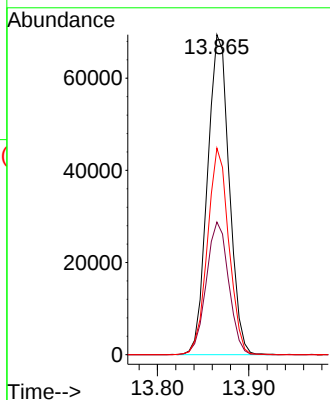
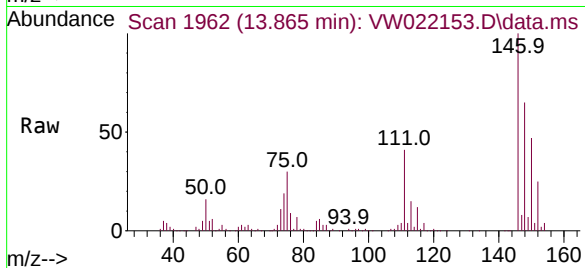
Tgt Ion:146 Resp: 114419

Ion Ratio Lower Upper

146 100

111 41.5 34.8 52.2

148 64.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.863 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

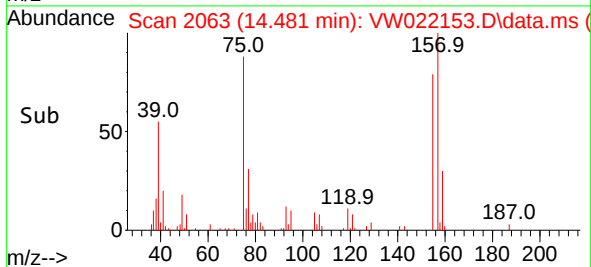
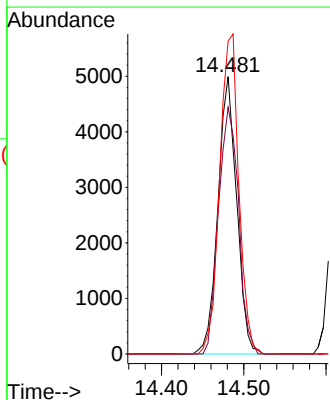
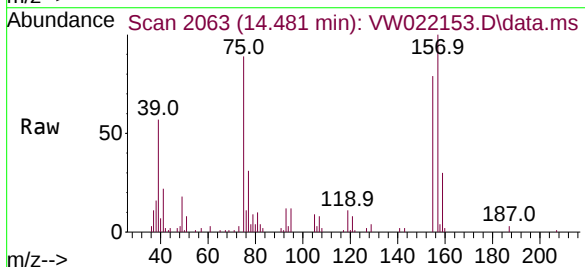
Tgt Ion: 75 Resp: 7910

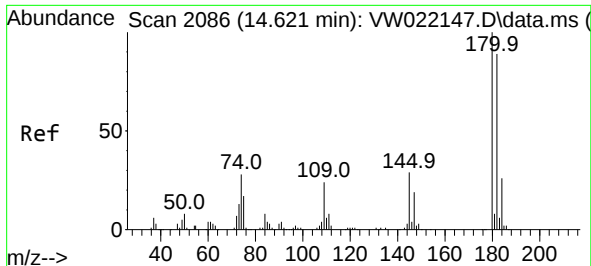
Ion Ratio Lower Upper

75 100

155 88.9 58.2 87.2#

157 112.8 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 26.234 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

Tgt Ion:180 Resp: 98958

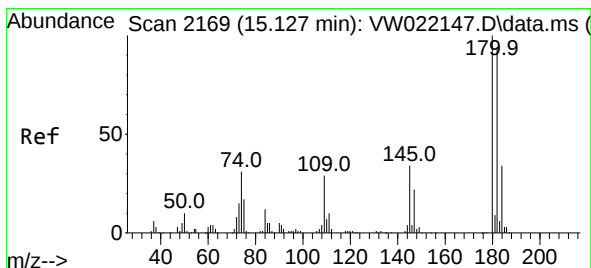
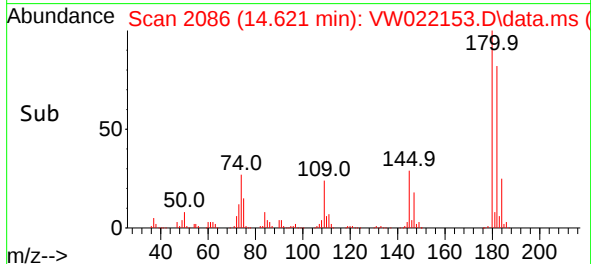
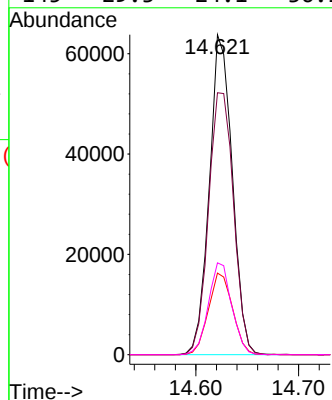
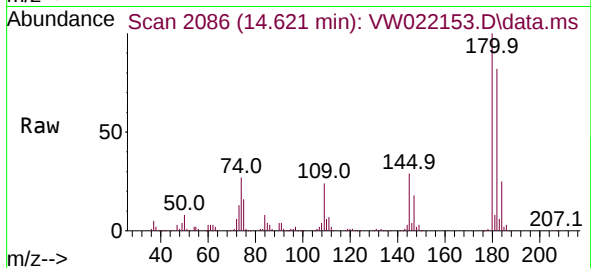
Ion Ratio Lower Upper

180 100

182 89.4 69.4 104.0

184 26.9 21.8 32.8

145 29.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 27.019 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022153.D

Acq: 25 Feb 2022 16:26

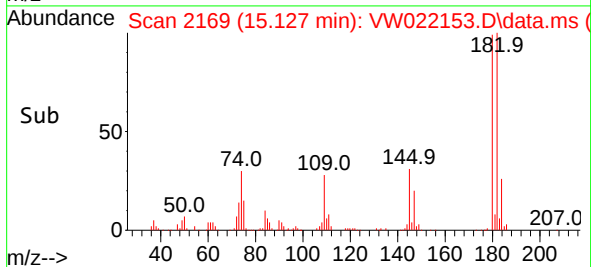
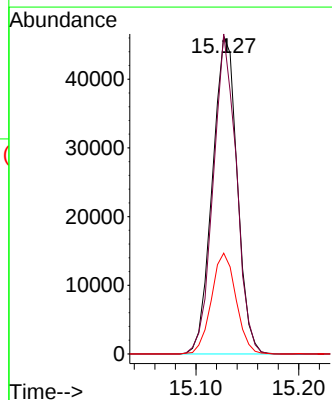
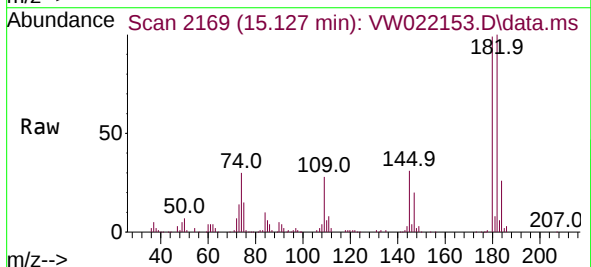
Tgt Ion:180 Resp: 77115

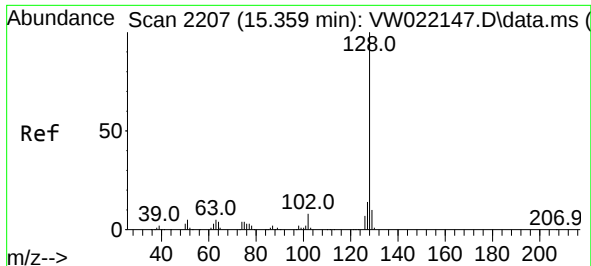
Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.6

145 31.6 25.8 38.6

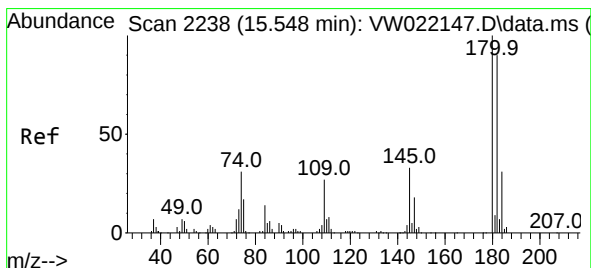
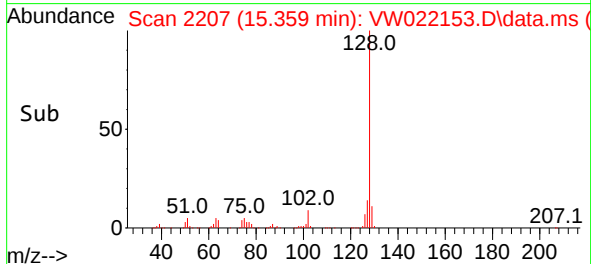
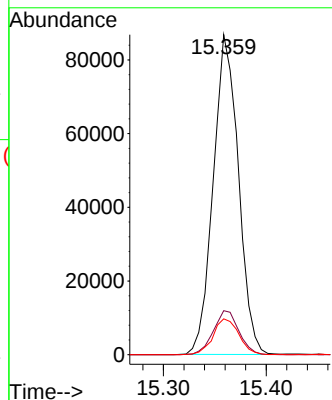
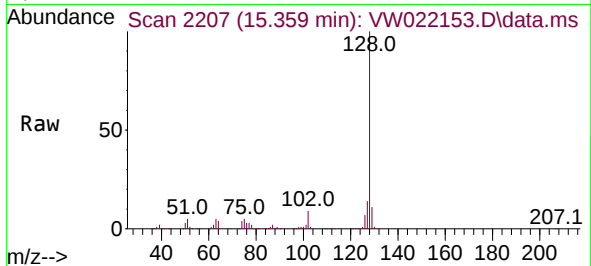




#71
Naphthalene
Concen: 29.262 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion:128 Resp: 147430
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.6
129 11.5 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.090 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022153.D
Acq: 25 Feb 2022 16:26

Tgt Ion:180 Resp: 64407
Ion Ratio Lower Upper
180 100
182 95.2 79.0 118.4
145 34.4 28.0 42.0

