

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011922\
 Data File : VW022004.D
 Acq On : 19 Jan 2022 14:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Jan 20 00:25:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 20 00:22:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	120508	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	124084	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45808	20.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.800%
7) Chloroethane-d5	2.885	69	33545	16.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.320%
11) 1,1-Dichloroethene-d2	4.019	63	77449	21.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	7.086	46	18069	57.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.300%
24) Chloroform-d	7.647	84	92737	23.821	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	8.305	65	47475	25.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	8.275	84	177179	22.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	9.275	67	49335	23.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	10.323	98	178384	21.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.920%
43) trans-1,3-Dichloroprop...	10.579	79	20797	23.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.320%
47) 2-Hexanone-d5	10.921	63	16308	56.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	42514	25.619	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	67431	22.394	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	10347	21.780	ug/L	98
3) Chloromethane	2.215	50	40504	23.515	ug/L	99
5) Vinyl chloride	2.361	62	56225	22.723	ug/L	96
6) Bromomethane	2.782	94	34944	19.972	ug/L	99
8) Chloroethane	2.928	64	28186	18.848	ug/L	96
9) Trichlorofluoromethane	3.263	101	56913	30.951	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	45576	22.771	ug/L	95
12) 1,1-Dichloroethene	4.038	96	41179	22.893	ug/L	81
13) Acetone	4.141	43	13326	51.020	ug/L	82
14) Carbon disulfide	4.385	76	105260	22.352	ug/L	99
15) Methyl Acetate	4.672	43	13510	25.592	ug/L	# 87
16) Methylene chloride	4.916	84	43062	20.880	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	45774	23.550	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	59675	24.076	ug/L	91
19) 1,1-Dichloroethane	6.220	63	73387	25.746	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	49508	24.760	ug/L	66
22) 2-Butanone	7.171	43	18238	54.628	ug/L	77
23) Bromochloromethane	7.519	128	23459	23.579	ug/L	# 60
25) Chloroform	7.677	83	84273	24.987	ug/L	92

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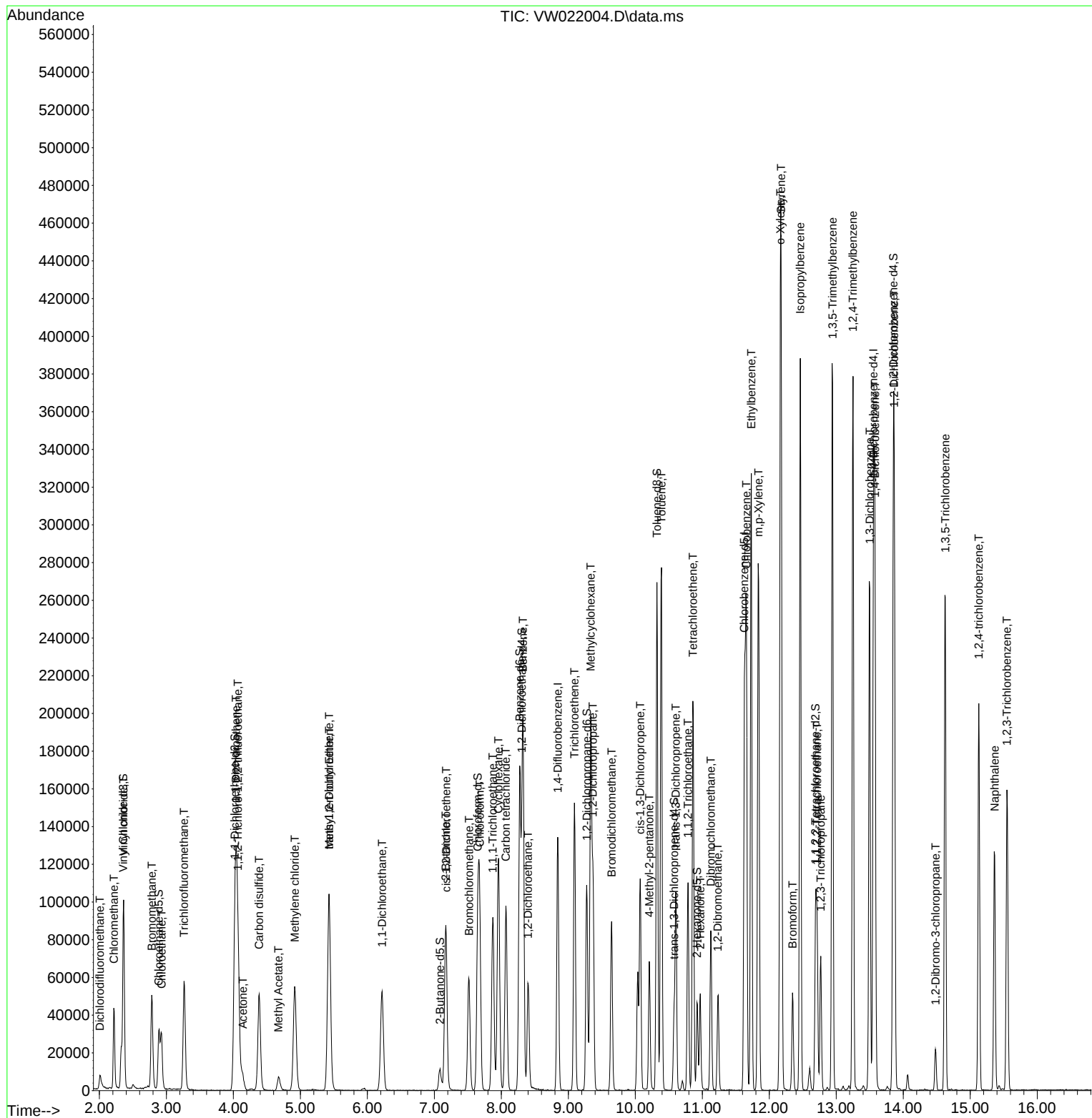
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	51127	26.178	ug/L	97
29) Cyclohexane	7.958	56	66681	24.021	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	75290	23.409	ug/L #	93
31) Carbon tetrachloride	8.067	117	73662	23.634	ug/L	99
33) Benzene	8.323	78	178105	23.408	ug/L	100
34) Trichloroethene	9.092	95	50714	22.974	ug/L	93
35) Methylcyclohexane	9.336	83	85486	23.550	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	40508	24.438	ug/L #	96
38) Bromodichloromethane	9.646	83	58571	25.313	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	66106	25.666	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	40618	52.165	ug/L #	86
42) Toluene	10.390	91	210228	24.635	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	56836	26.365	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	34526	24.533	ug/L	93
46) Tetrachloroethene	10.860	164	45638	20.908	ug/L	93
48) 2-Hexanone	10.969	43	29824	55.980	ug/L #	91
49) Dibromochloromethane	11.128	129	45032	25.395	ug/L	92
50) 1,2-Dibromoethane	11.232	107	34060	24.382	ug/L	91
51) Chlorobenzene	11.658	112	139947	23.227	ug/L	92
52) Ethylbenzene	11.731	91	231341	24.404	ug/L	96
53) m,p-Xylene	11.841	106	97816	24.676	ug/L	84
54) o-Xylene	12.164	106	91835	24.955	ug/L	82
55) Styrene	12.176	104	151484	24.933	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	38187	25.219	ug/L #	96
59) Bromoform	12.347	173	22895	22.932	ug/L	98
60) Isopropylbenzene	12.463	105	250707	25.141	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	27239	26.028	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.945	105	212134	25.689	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	210272	25.819	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	121649	24.263	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	118081	23.853	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	101970	23.229	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5302	26.235	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	86042	23.090	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	69103	23.273	ug/L	91
71) Naphthalene	15.365	128	111186	24.275	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56400	23.002	ug/L	96

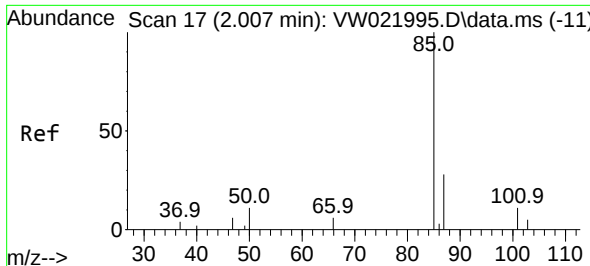
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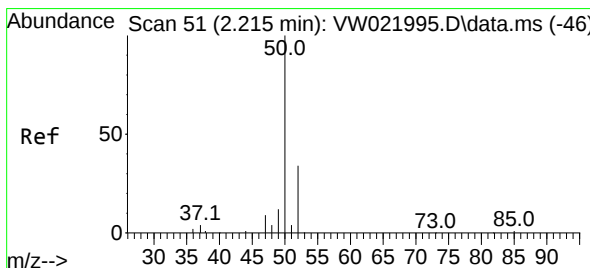
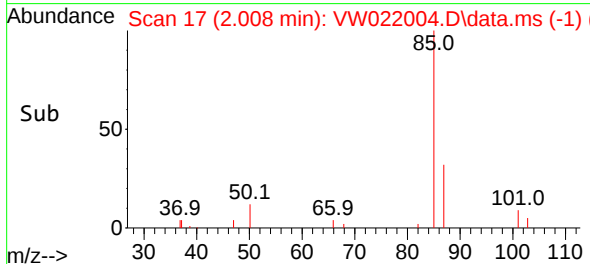
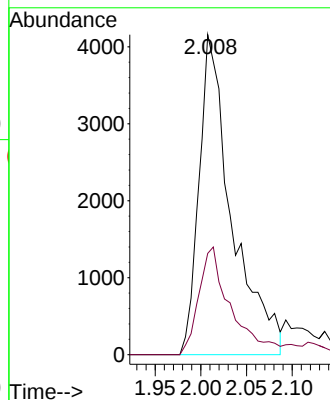
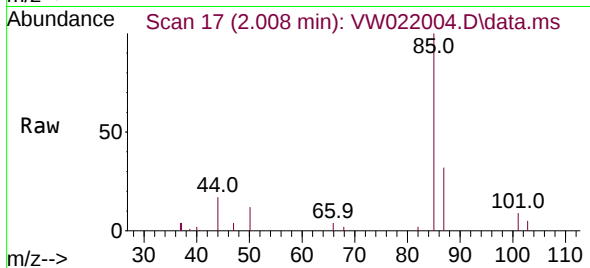




#2
 Dichlorodifluoromethane
 Concen: 21.780 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

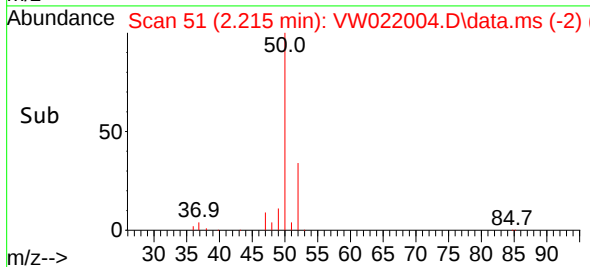
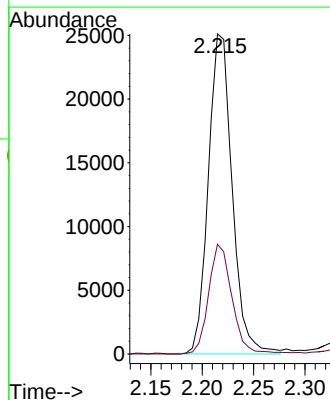
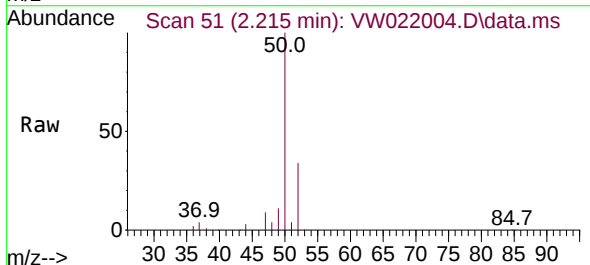
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

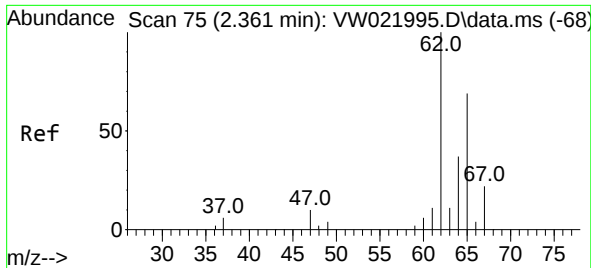
Tgt Ion: 85 Resp: 10347
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.8 38.6



#3
 Chloromethane
 Concen: 23.515 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

Tgt Ion: 50 Resp: 40504
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.6

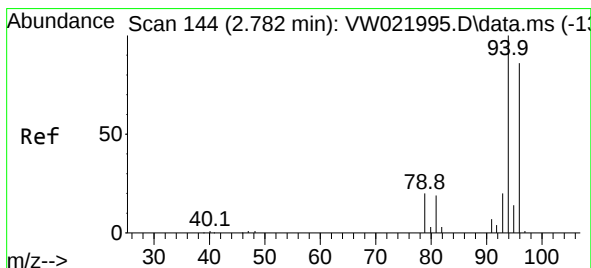
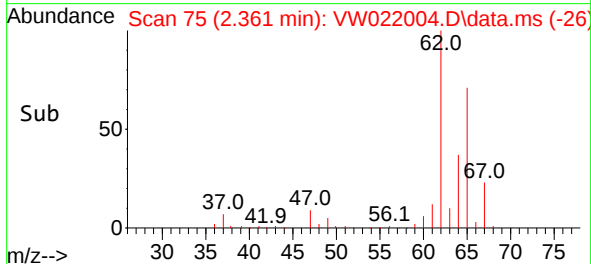
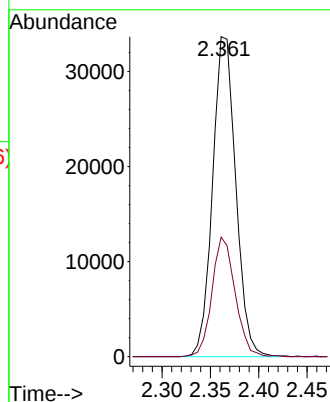
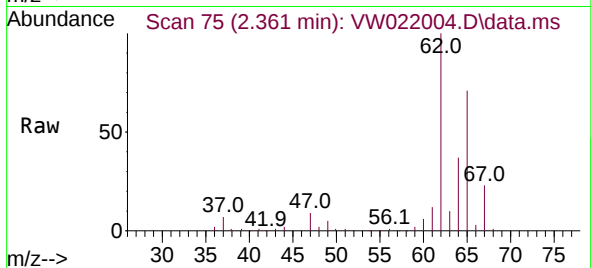




#5
 Vinyl chloride
 Concen: 22.723 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

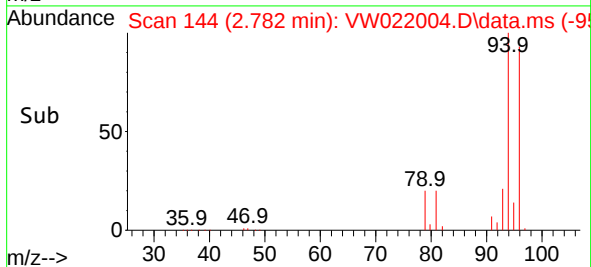
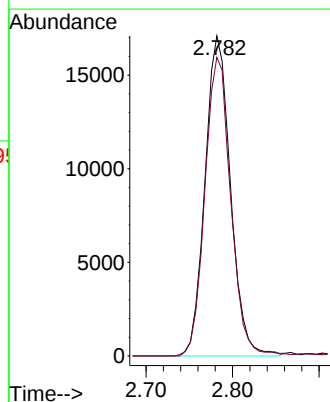
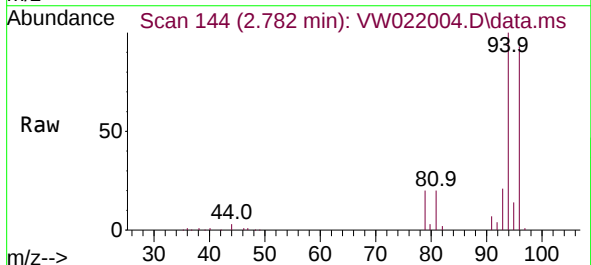
Instrument :
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 ClientSampleId :
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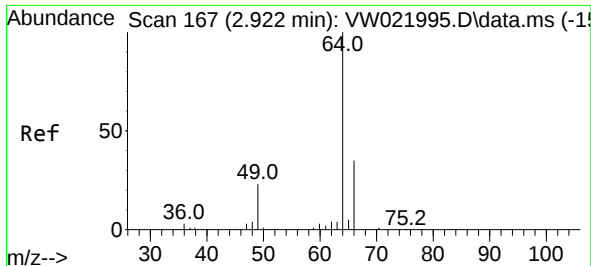
Tgt Ion: 62 Resp: 56225
 Ion Ratio Lower Upper
 62 100
 64 37.4 24.4 45.2



#6
 Bromomethane
 Concen: 19.972 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

Tgt Ion: 94 Resp: 34944
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.8 120.4





#8

Chloroethane

Concen: 18.848 ug/L

RT: 2.928 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

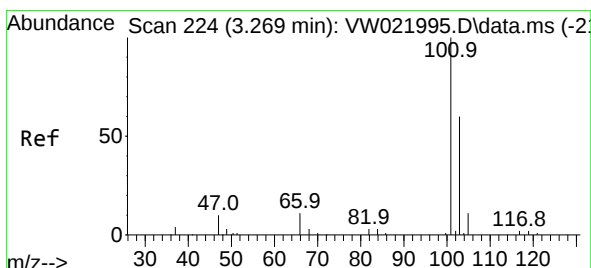
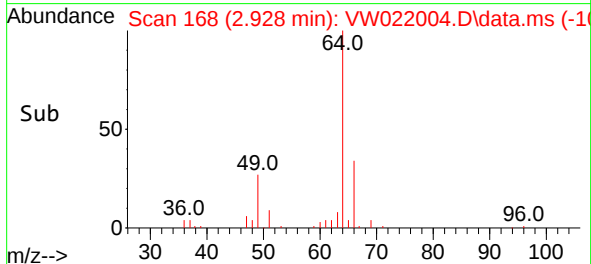
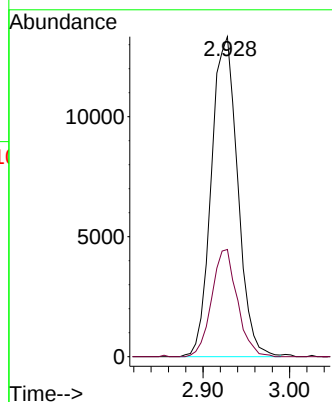
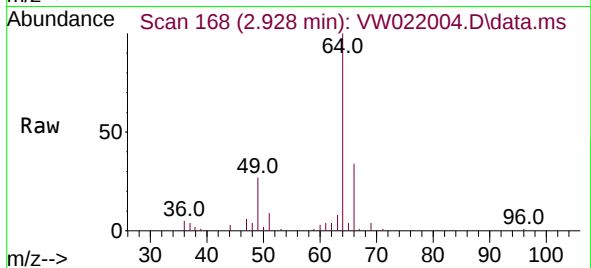
VSTD025547

Tgt Ion: 64 Resp: 28186

Ion Ratio Lower Upper

64 100

66 33.5 22.0 40.8



#9

Trichlorofluoromethane

Concen: 30.951 ug/L

RT: 3.263 min Scan# 223

Delta R.T. -0.006 min

Lab File: VW022004.D

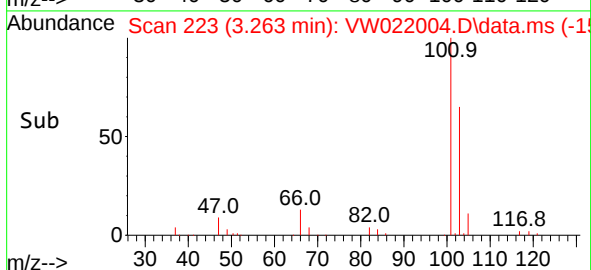
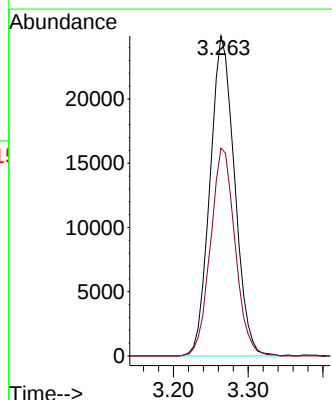
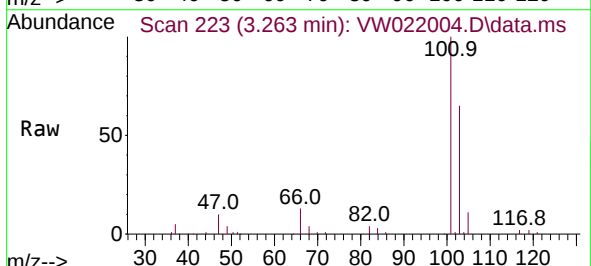
Acq: 19 Jan 2022 14:34

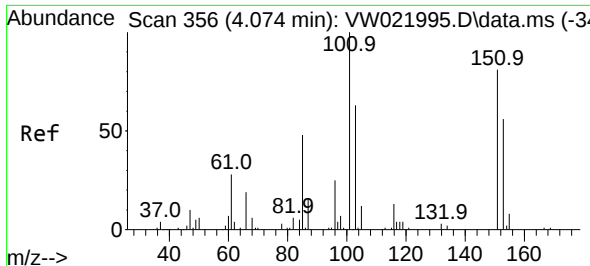
Tgt Ion:101 Resp: 56913

Ion Ratio Lower Upper

101 100

103 65.0 51.4 77.2

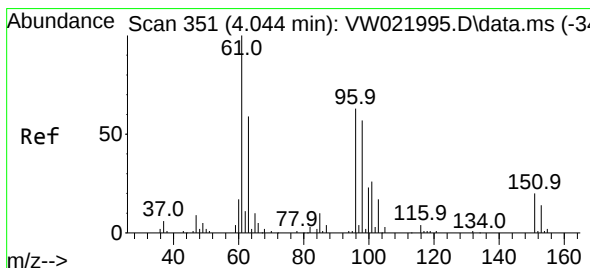
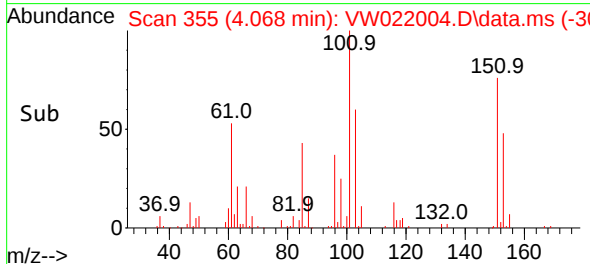
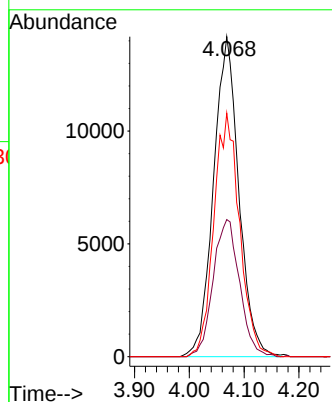
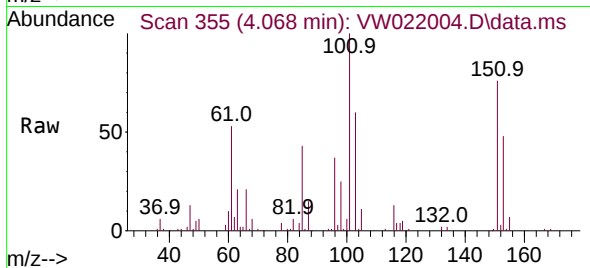




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.771 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

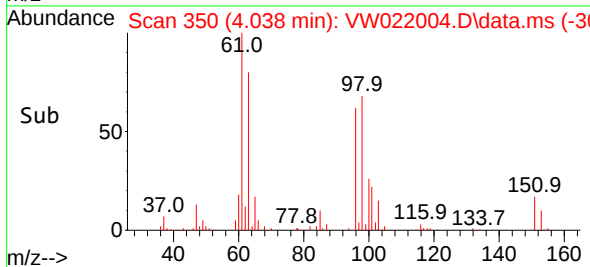
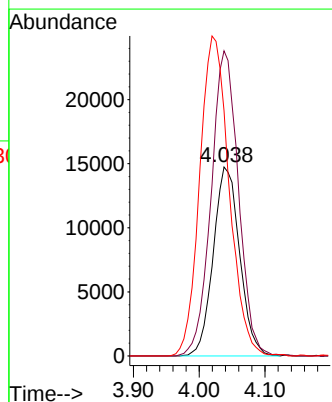
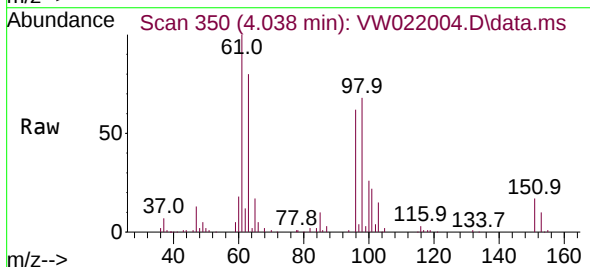
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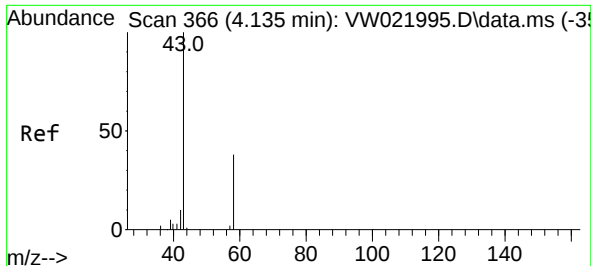
Tgt Ion:101 Resp: 45576
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.6 54.8
 151 77.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.893 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

Tgt Ion: 96 Resp: 41179
 Ion Ratio Lower Upper
 96 100
 61 161.4 138.3 256.9
 63 129.6 82.6 153.4





#13

Acetone

Concen: 51.020 ug/L

RT: 4.141 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

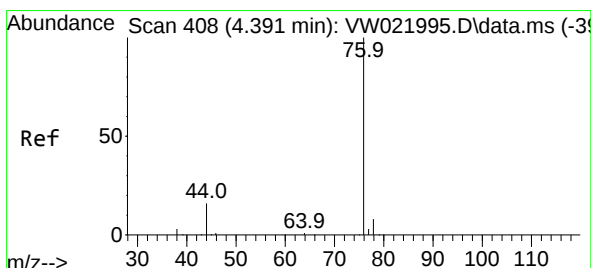
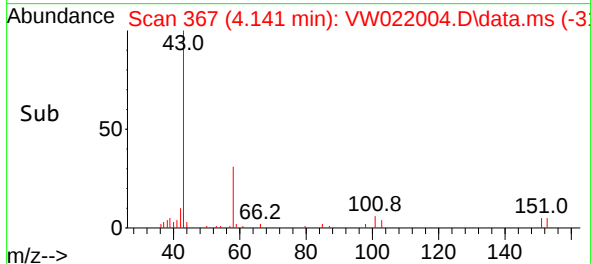
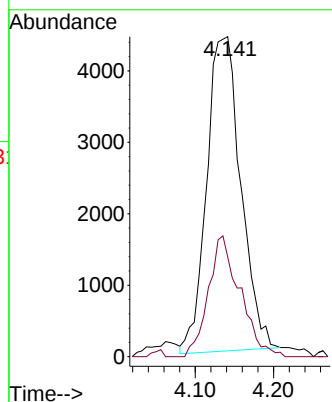
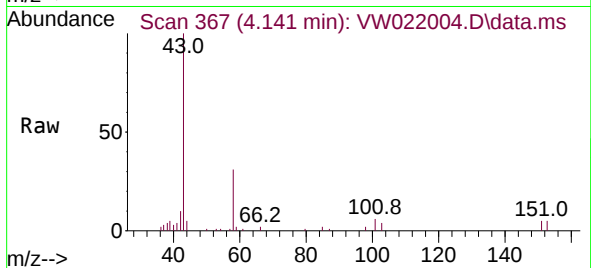
VSTD025547

Tgt Ion: 43 Resp: 13326

Ion Ratio Lower Upper

43 100

58 35.6 0.0 52.8



#14

Carbon disulfide

Concen: 22.352 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW022004.D

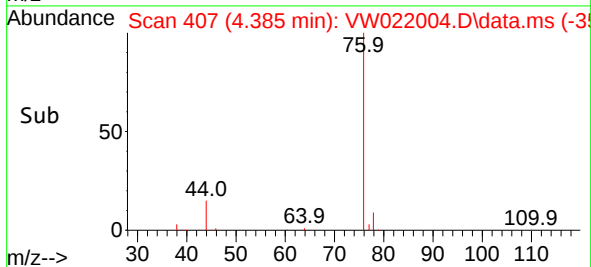
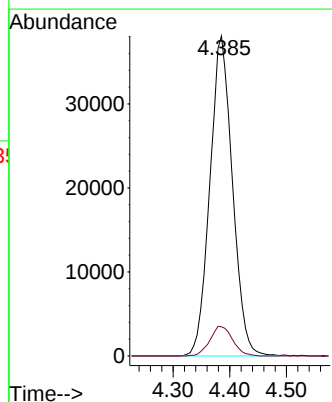
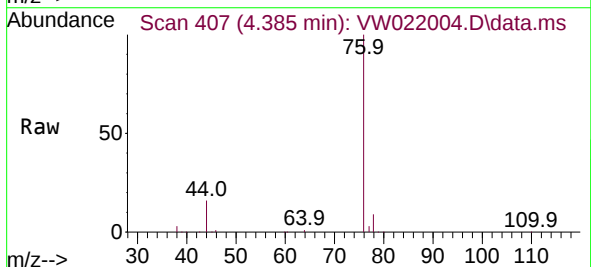
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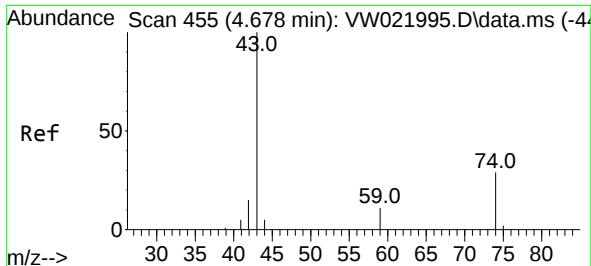
Tgt Ion: 76 Resp: 105260

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

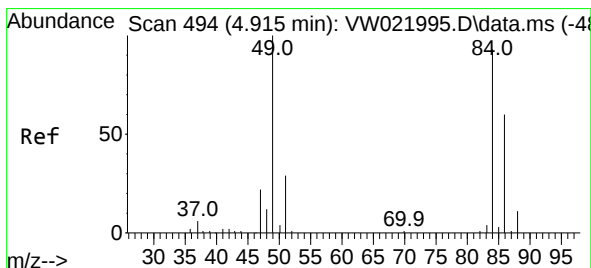
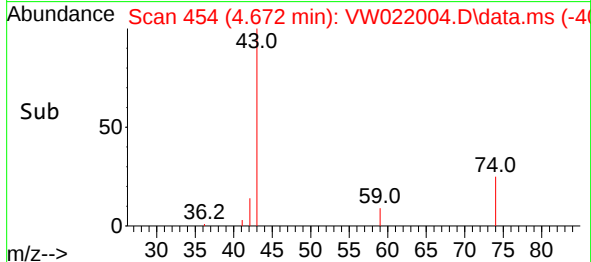
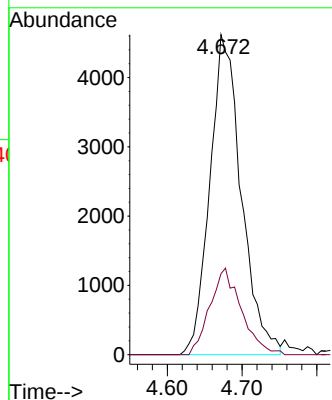
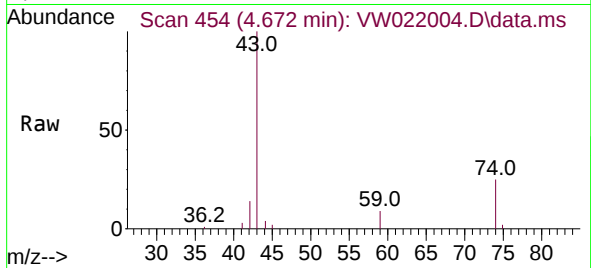




#15
Methyl Acetate
Concen: 25.592 ug/L
RT: 4.672 min Scan# 455
Delta R.T. -0.006 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

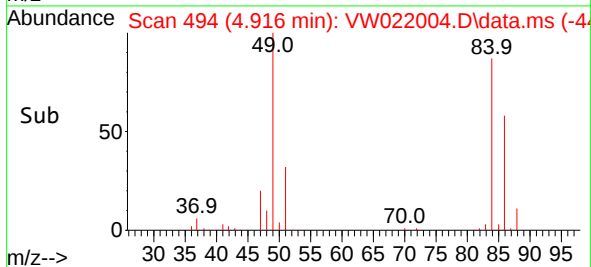
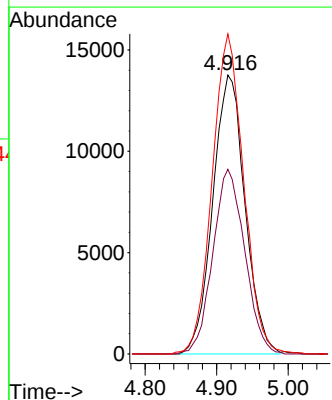
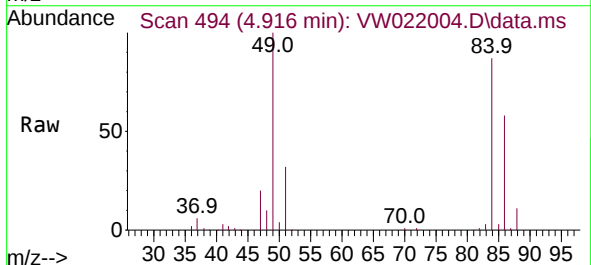
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

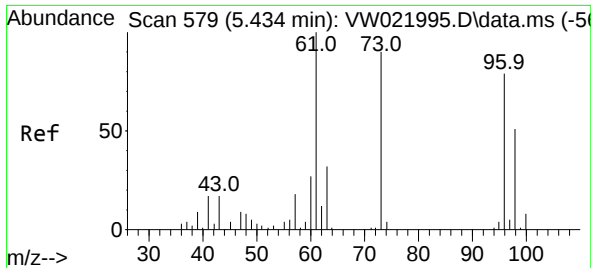
Tgt Ion: 43 Resp: 13510
Ion Ratio Lower Upper
43 100
74 26.8 16.4 24.6#



#16
Methylene chloride
Concen: 20.880 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 84 Resp: 43062
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 114.8 100.5 186.7



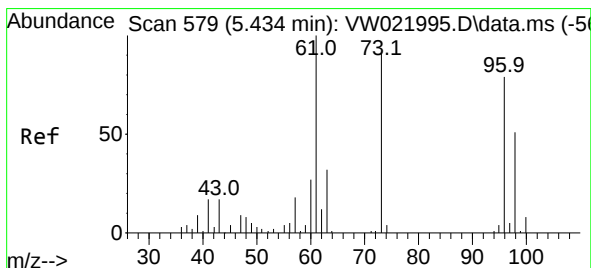
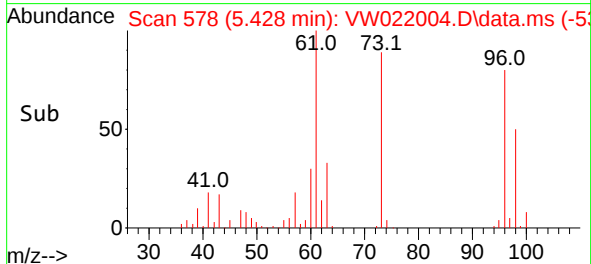
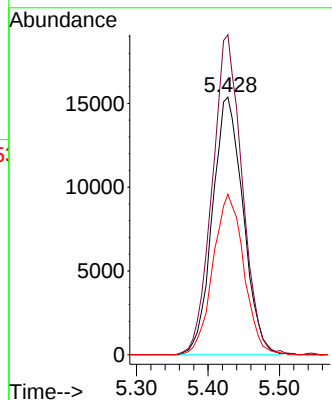
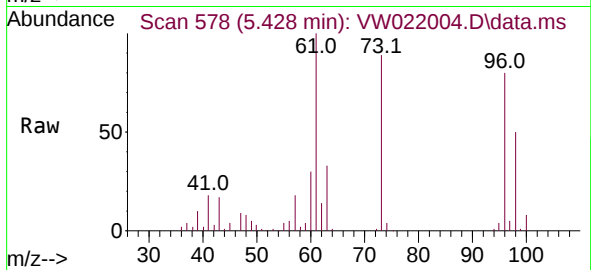


#17
trans-1,2-Dichloroethene
Concen: 23.550 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion: 96 Resp: 45774

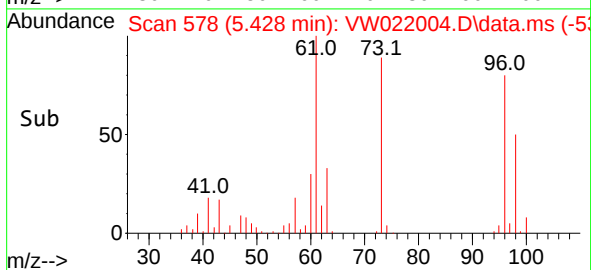
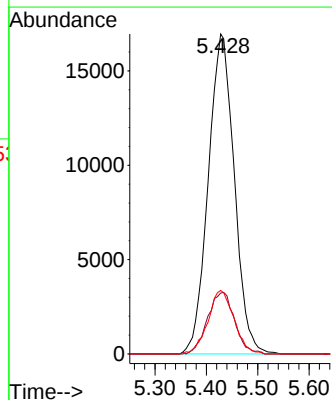
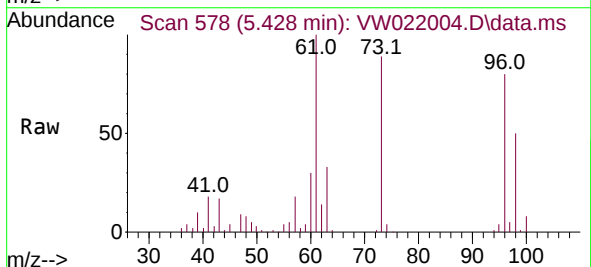
Ion	Ratio	Lower	Upper
96	100		
61	124.2	107.4	199.4
98	62.3	41.2	76.6

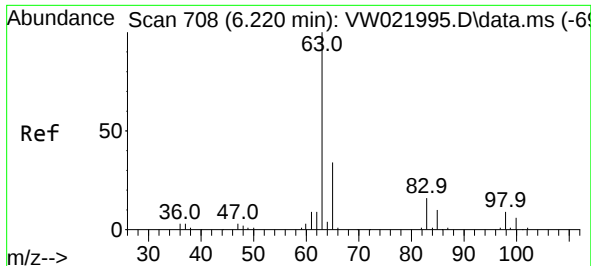


#18
Methyl tert-butyl Ether
Concen: 24.076 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 73 Resp: 59675

Ion	Ratio	Lower	Upper
73	100		
43	19.8	19.5	29.3
57	19.8	19.3	28.9





#19

1,1-Dichloroethane

Concen: 25.746 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

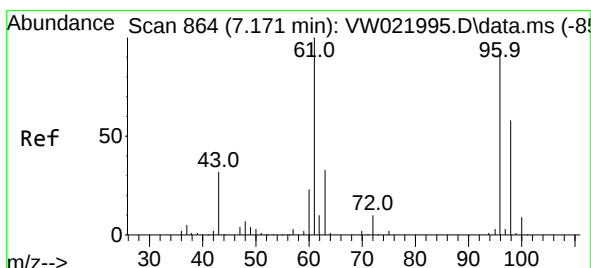
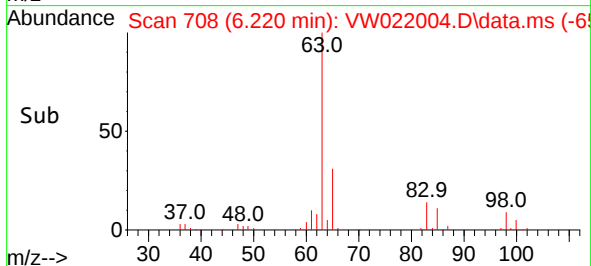
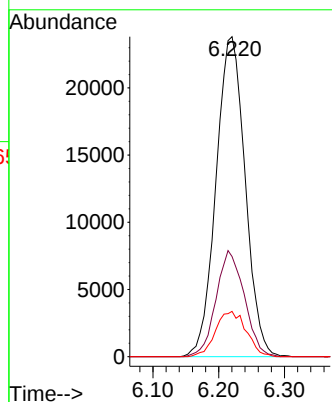
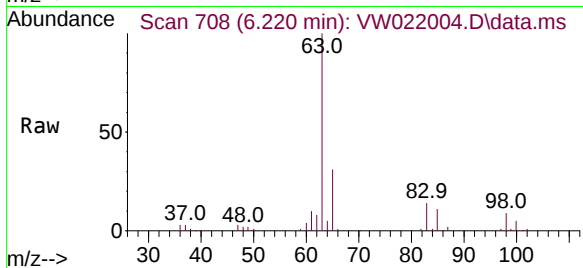
Tgt Ion: 63 Resp: 73387

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 14.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.760 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

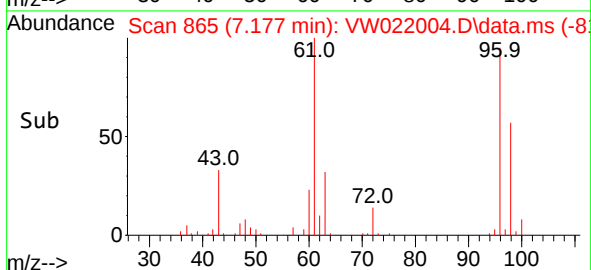
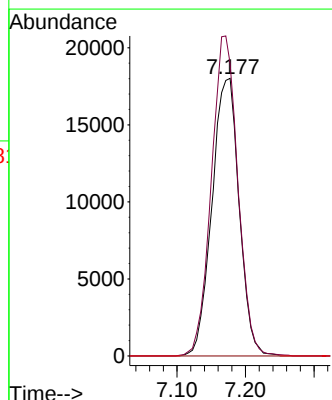
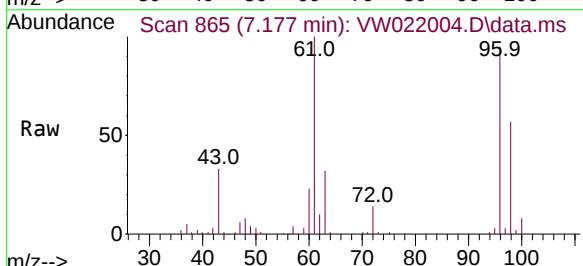
Tgt Ion: 96 Resp: 49508

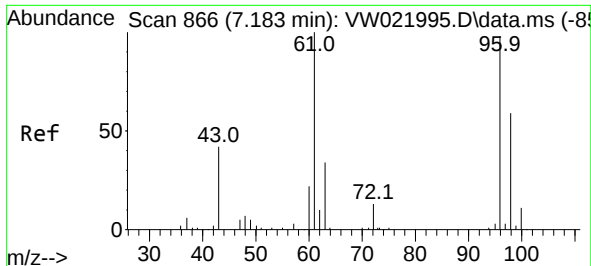
Ion Ratio Lower Upper

96 100

61 105.3 103.7 192.7

68 0.0 0.0 0.0

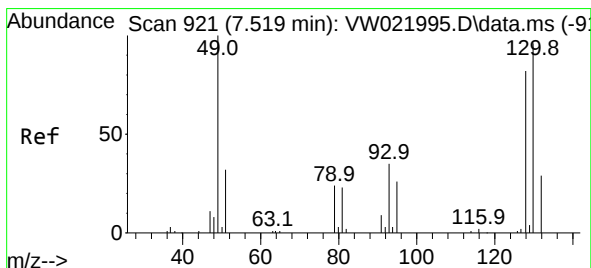
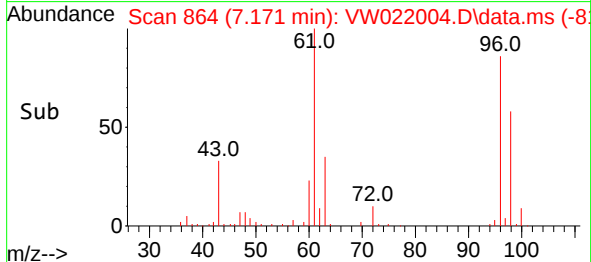
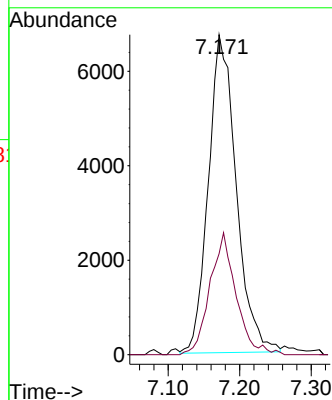
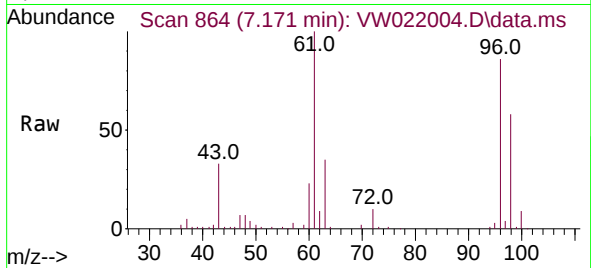




#22
2-Butanone
Concen: 54.628 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.012 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

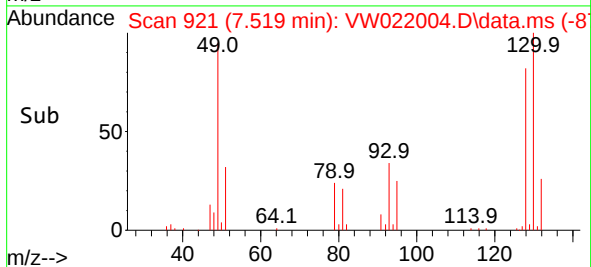
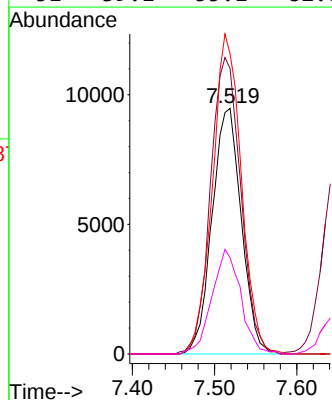
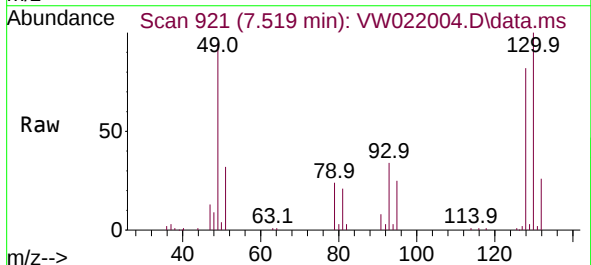
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

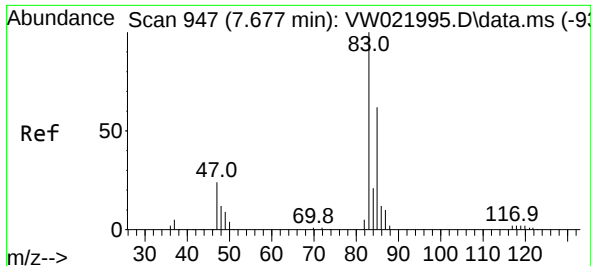
Tgt Ion: 43 Resp: 18238
Ion Ratio Lower Upper
43 100
72 35.0 11.8 35.4



#23
Bromochloromethane
Concen: 23.579 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 128 Resp: 23459
Ion Ratio Lower Upper
128 100
49 116.1 150.3 279.1#
130 122.0 88.3 163.9
51 39.1 55.1 82.7#

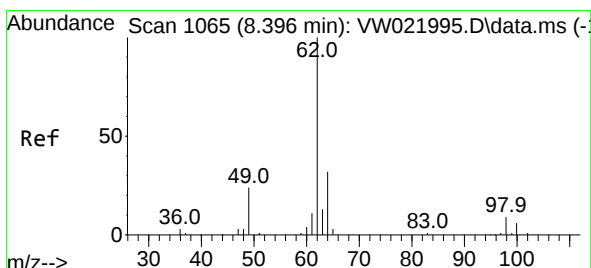
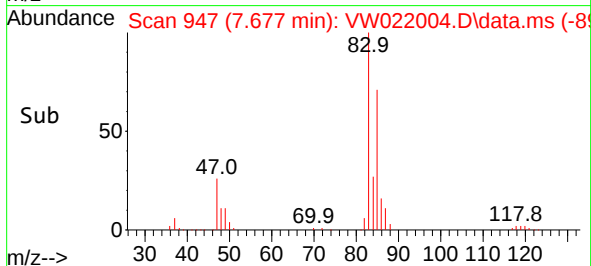
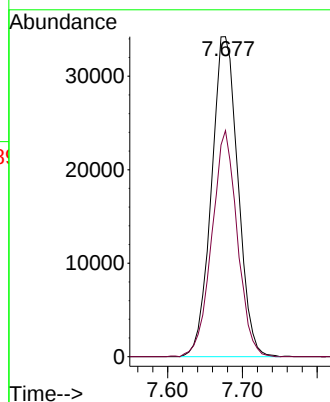
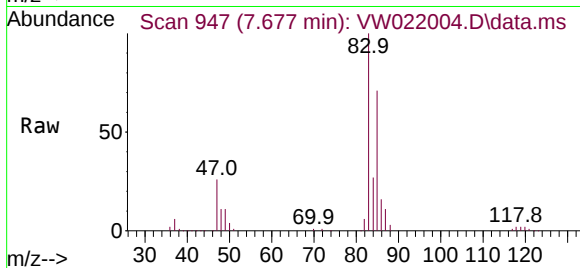




#25
Chloroform
Concen: 24.987 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

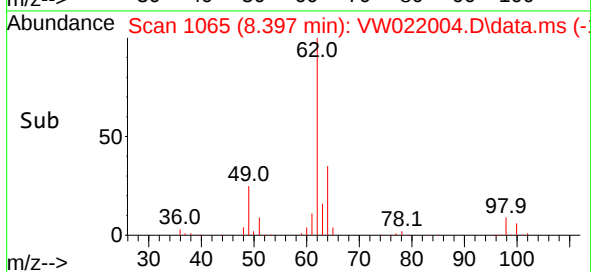
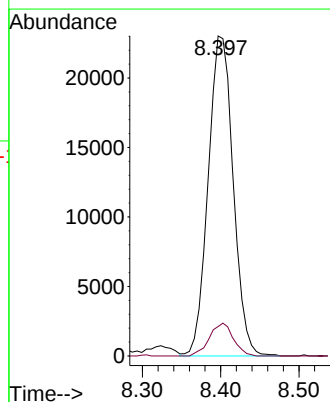
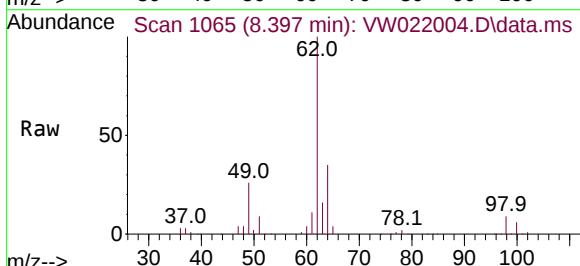
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

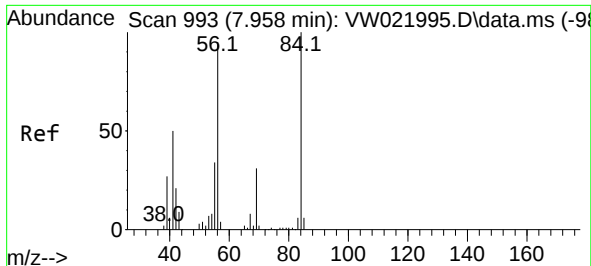
Tgt Ion: 83 Resp: 84273
Ion Ratio Lower Upper
83 100
85 70.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.178 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 62 Resp: 51127
Ion Ratio Lower Upper
62 100
98 9.2 6.5 9.7

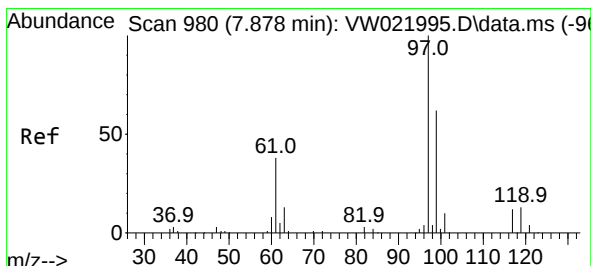
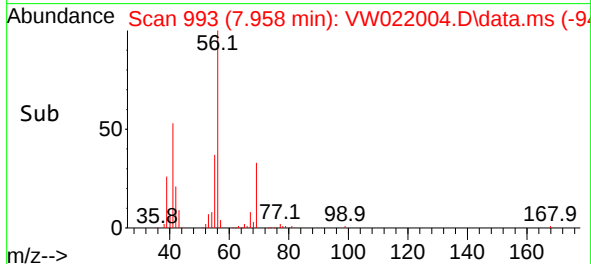
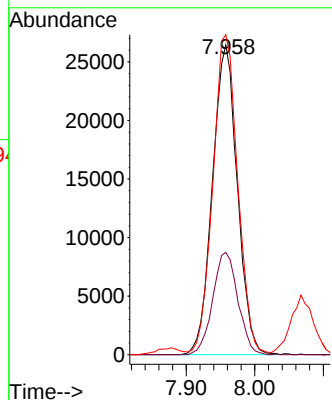
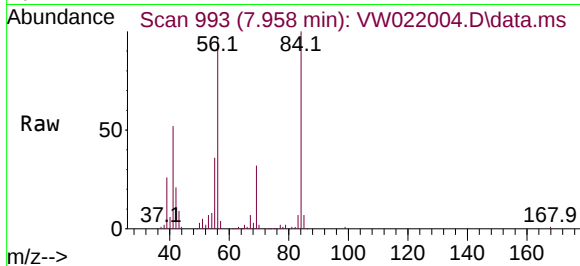




#29
Cyclohexane
Concen: 24.021 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

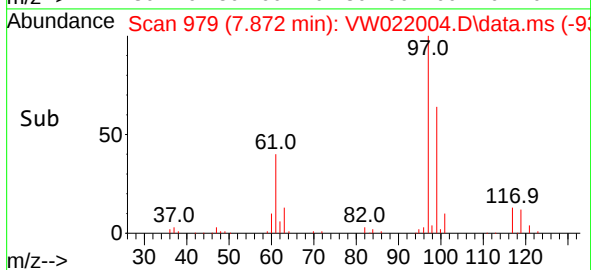
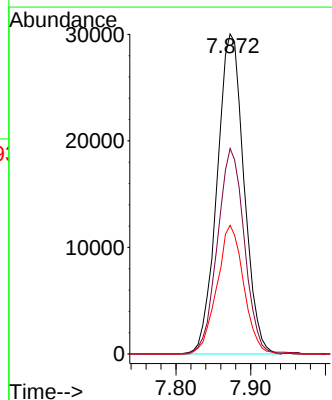
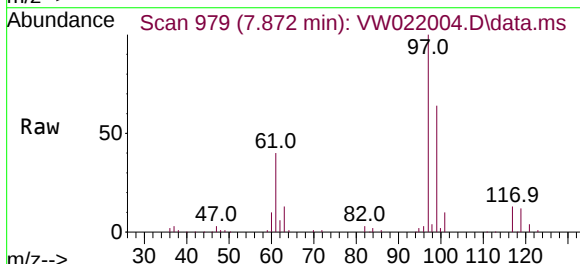
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

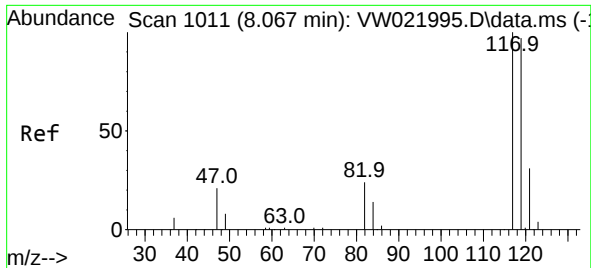
Tgt Ion: 56 Resp: 66681
Ion Ratio Lower Upper
56 100
69 33.3 23.5 35.3
84 101.6 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 23.409 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 97 Resp: 75290
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 39.9 40.9 61.3#

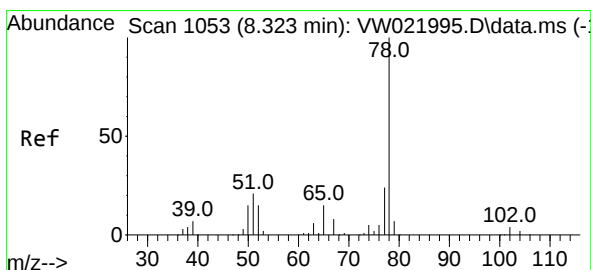
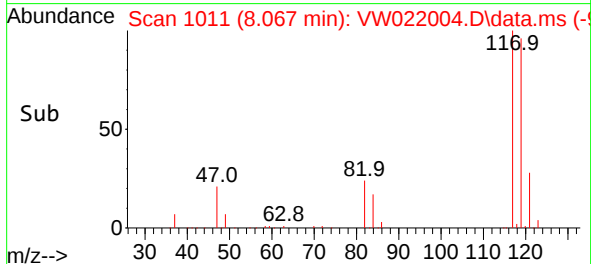
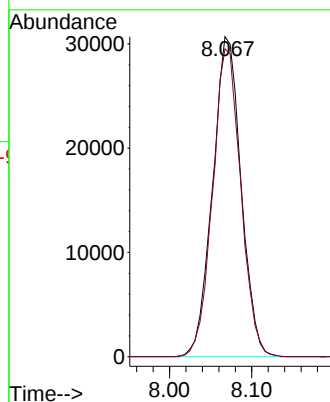
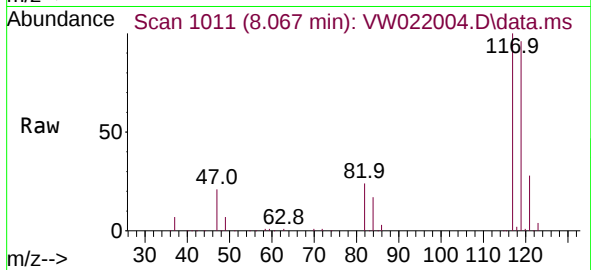




#31
Carbon tetrachloride
Concen: 23.634 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

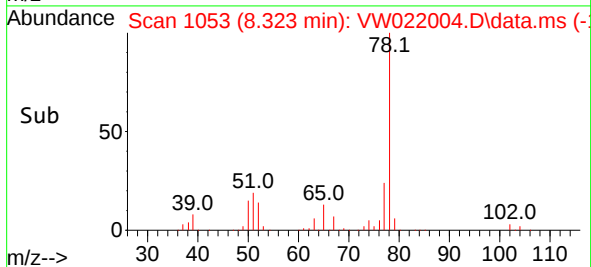
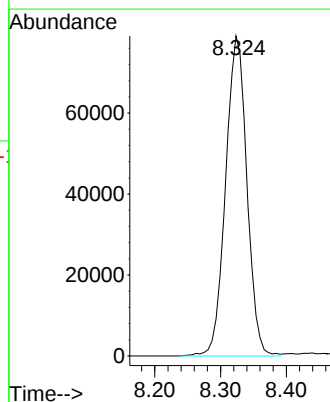
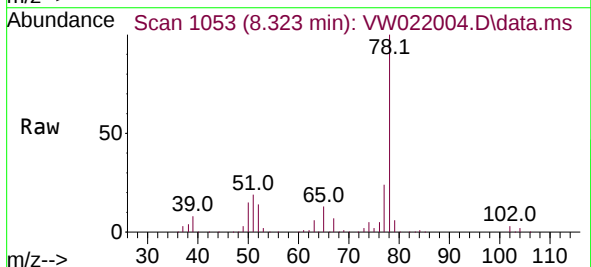
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

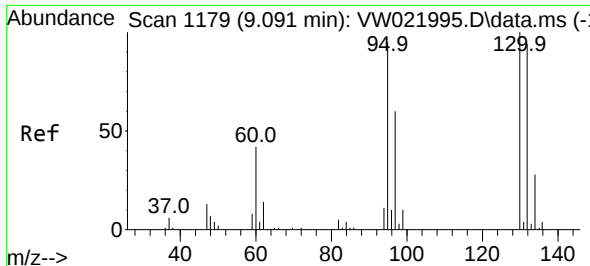
Tgt Ion:117 Resp: 73662
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 23.408 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 78 Resp: 178105

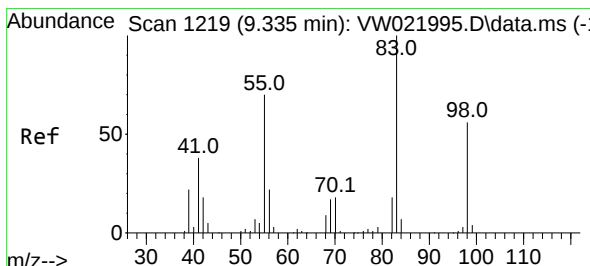
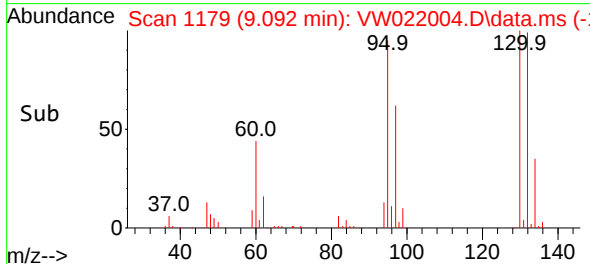
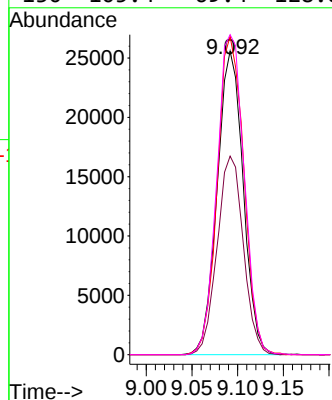
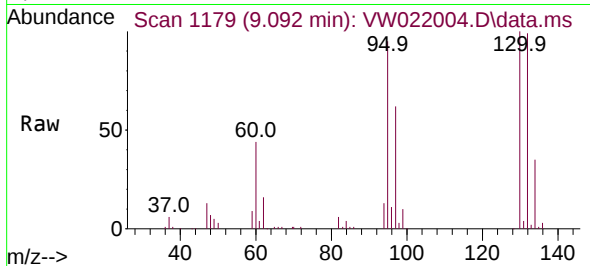




#34
Trichloroethene
Concen: 22.974 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

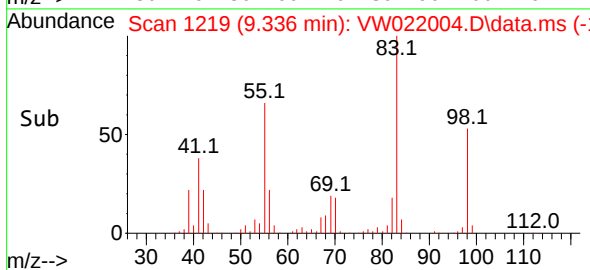
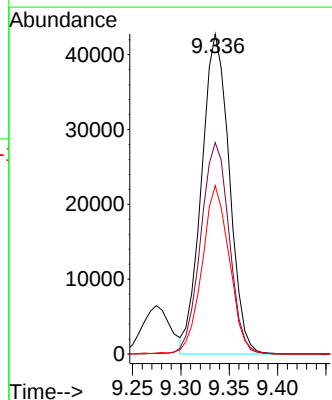
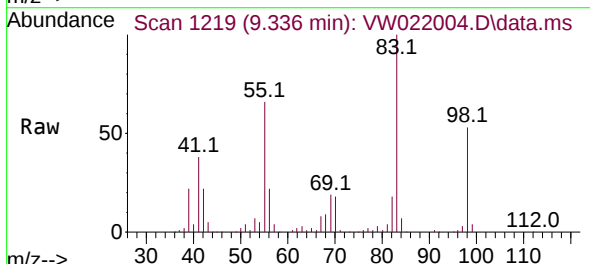
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

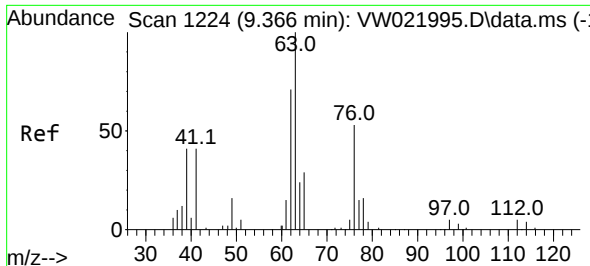
Tgt Ion: 95 Resp: 50714
Ion Ratio Lower Upper
95 100
97 65.4 47.0 87.2
132 104.9 65.5 121.6
130 105.4 69.4 128.8



#35
Methylcyclohexane
Concen: 23.550 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 83 Resp: 85486
Ion Ratio Lower Upper
83 100
55 67.4 70.8 106.2#
98 51.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.438 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

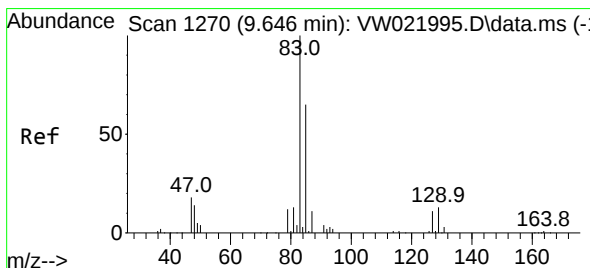
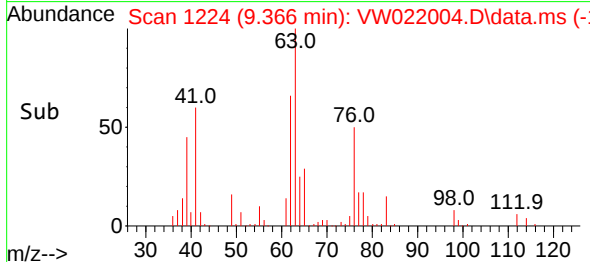
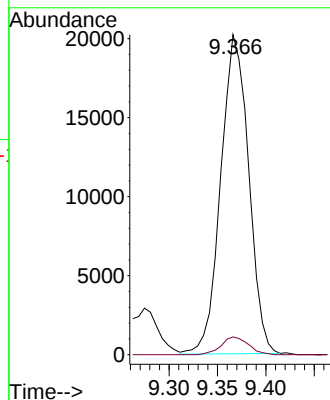
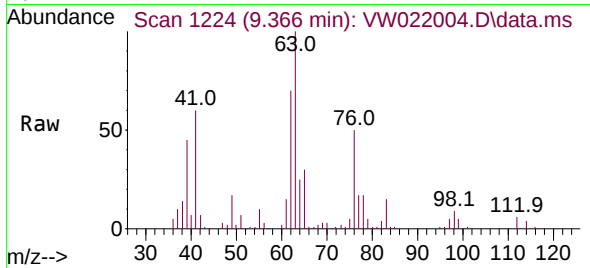
VSTD025547

Tgt Ion: 63 Resp: 40508

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.313 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

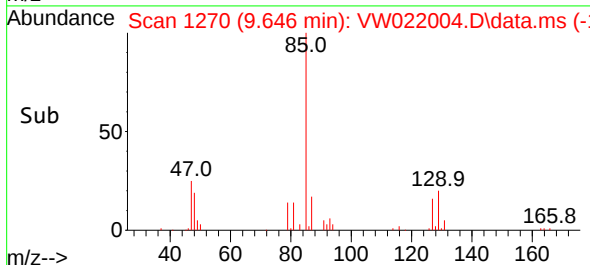
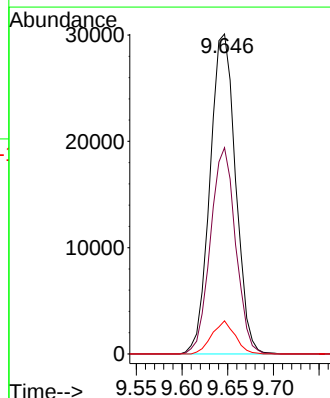
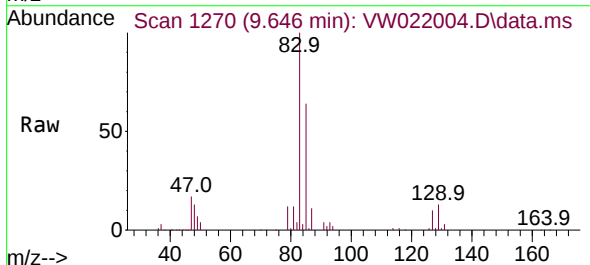
Tgt Ion: 83 Resp: 58571

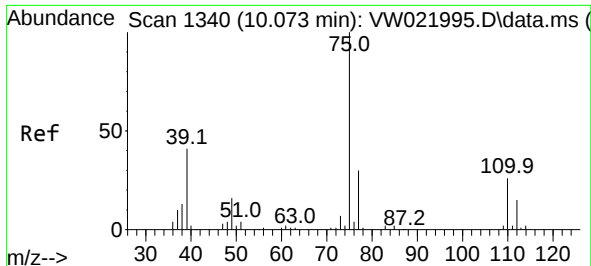
Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9

127 10.3 6.1 9.1#

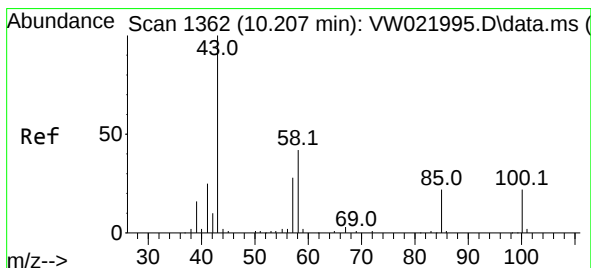
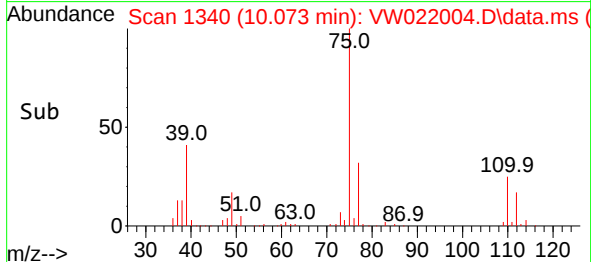
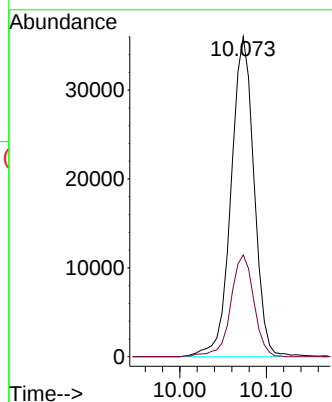
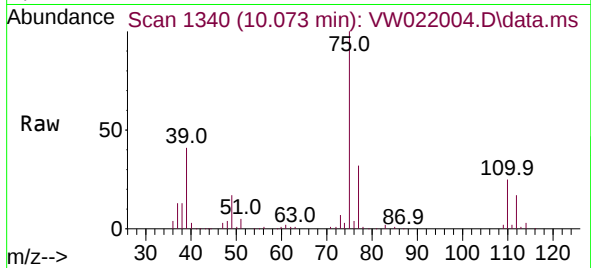




#39
cis-1,3-Dichloropropene
Concen: 25.666 ug/L
RT: 10.073 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

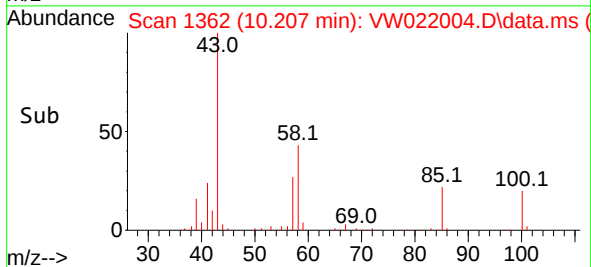
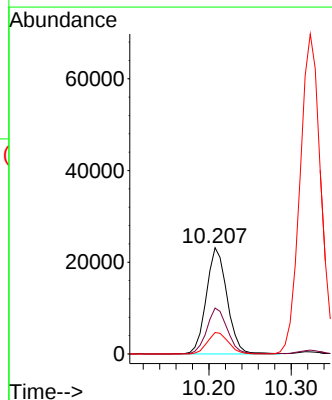
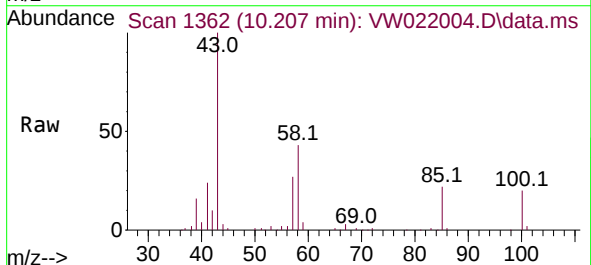
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

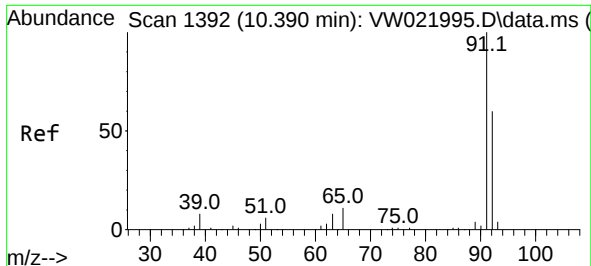
Tgt Ion: 75 Resp: 66106
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 52.165 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 43 Resp: 40618
Ion Ratio Lower Upper
43 100
58 42.8 28.8 43.2
100 20.4 10.0 15.0#

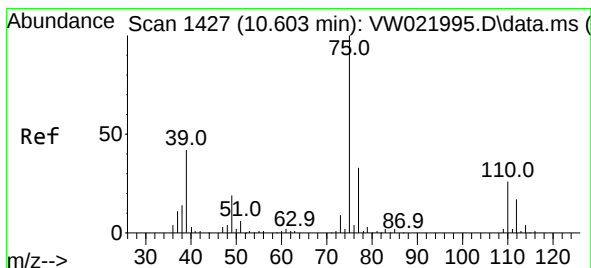
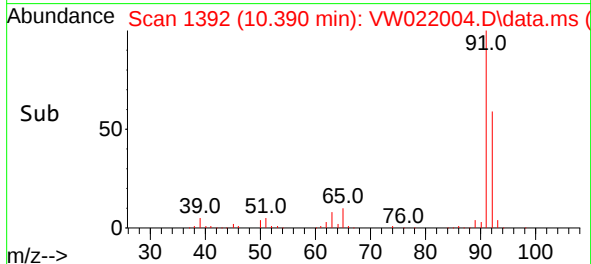
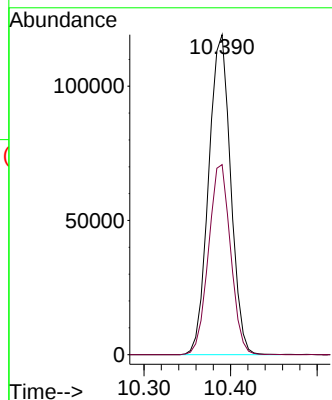
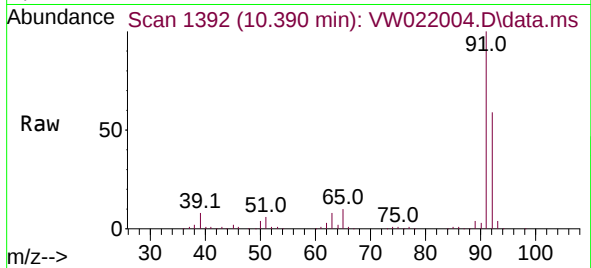




#42
Toluene
Concen: 24.635 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

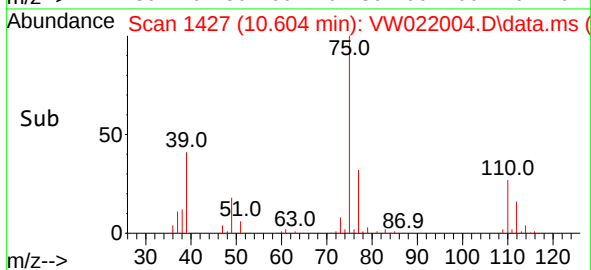
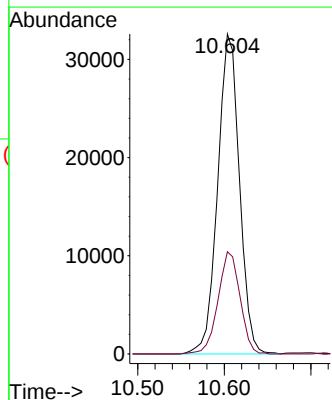
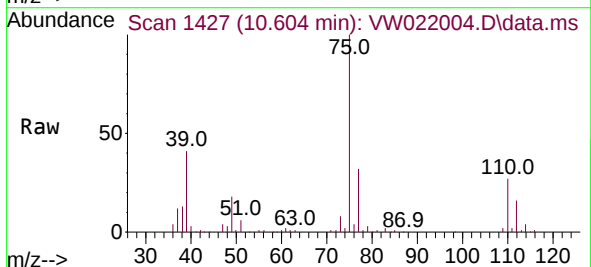
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

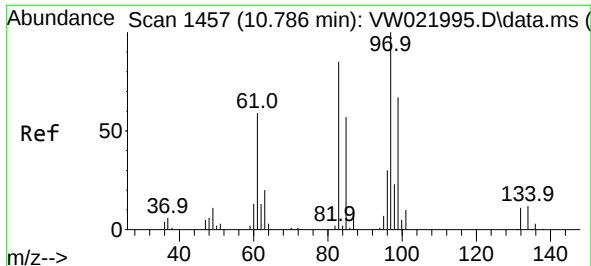
Tgt Ion: 91 Resp: 210228
Ion Ratio Lower Upper
91 100
92 59.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.365 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 75 Resp: 56836
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.533 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion: 97 Resp: 34526

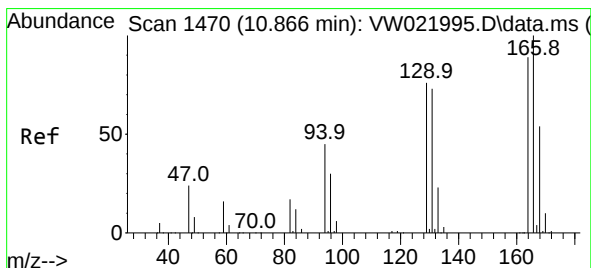
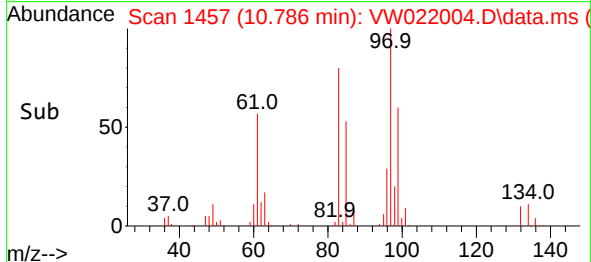
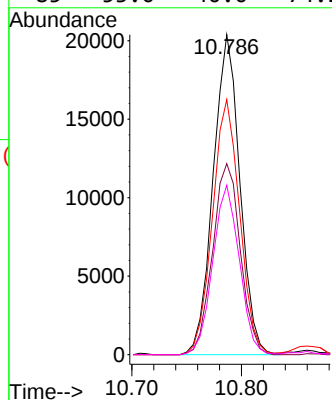
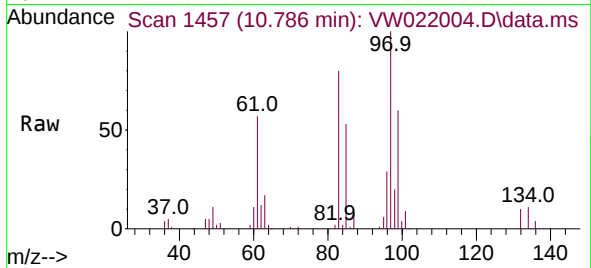
Ion Ratio Lower Upper

97 100

99 59.7 43.0 79.8

83 79.7 62.6 116.3

85 53.0 40.0 74.2



#46

Tetrachloroethene

Concen: 20.908 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Tgt Ion:164 Resp: 45638

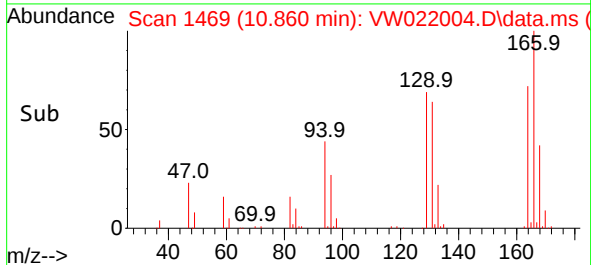
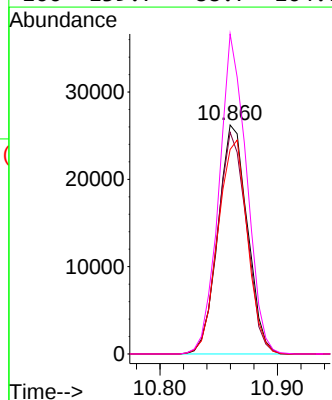
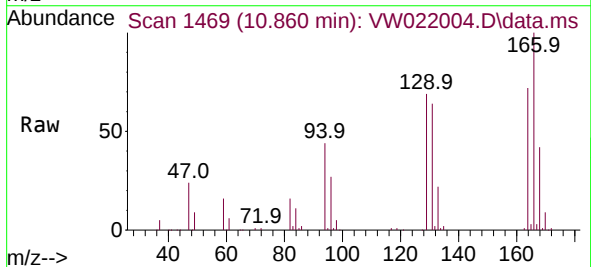
Ion Ratio Lower Upper

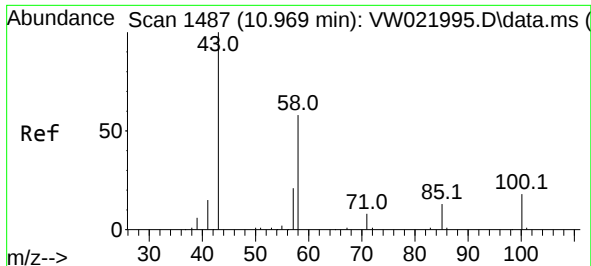
164 100

129 96.8 65.5 121.7

131 89.3 59.7 110.9

166 139.7 88.7 164.7

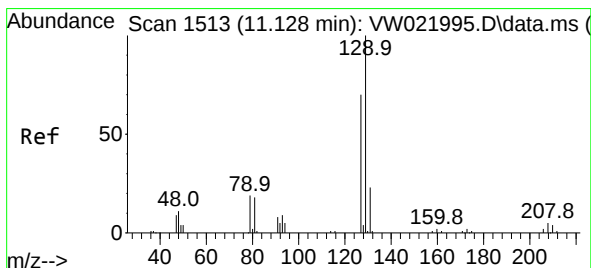
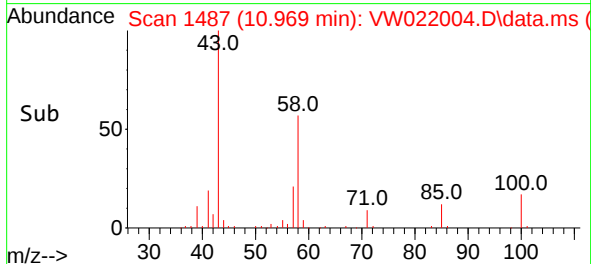
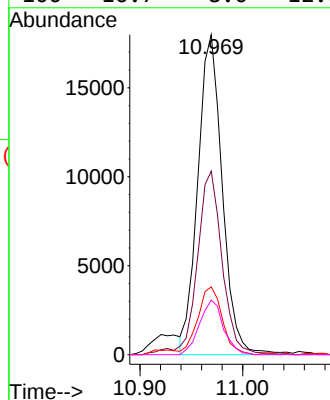
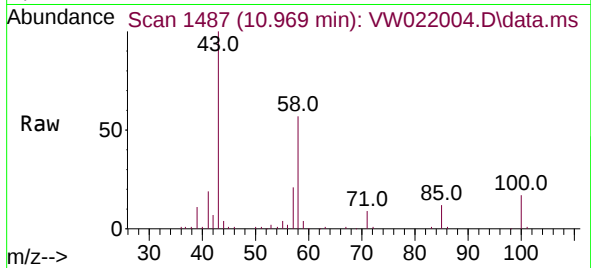




#48
2-Hexanone
Concen: 55.980 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

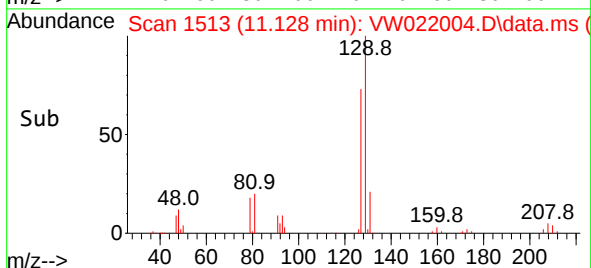
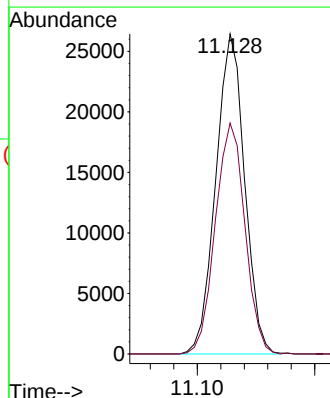
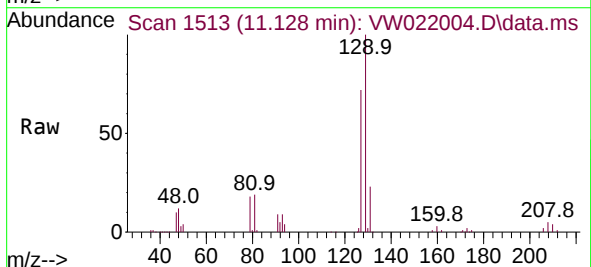
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

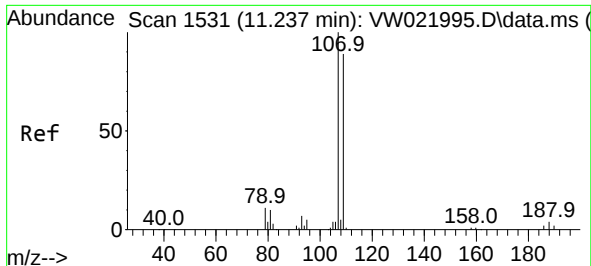
Tgt Ion:	43	Resp:	29824
Ion	Ratio	Lower	Upper
43	100		
58	56.0	40.2	60.2
57	21.1	14.3	21.5
100	16.7	8.0	12.0



#49
Dibromochloromethane
Concen: 25.395 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion:	129	Resp:	45032
Ion	Ratio	Lower	Upper
129	100		
127	72.2	55.7	103.5





#50

1,2-Dibromoethane

Concen: 24.382 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

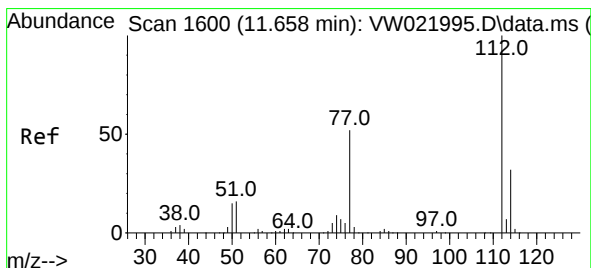
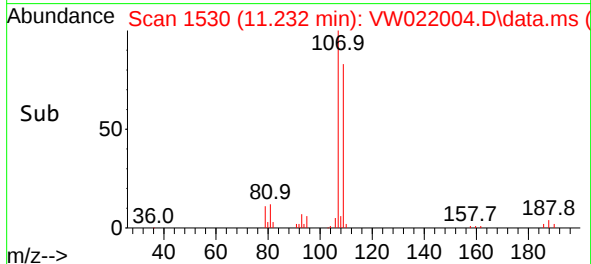
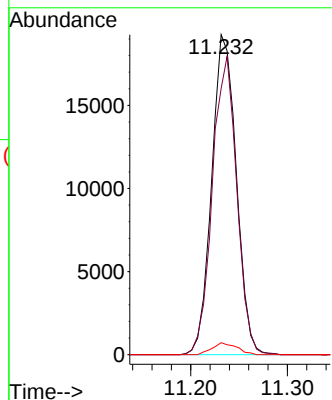
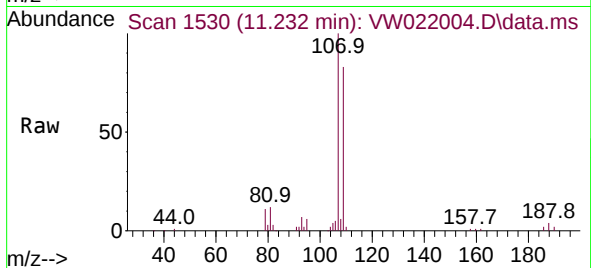
Tgt Ion:107 Resp: 34060

Ion Ratio Lower Upper

107 100

109 83.2 64.1 119.1

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 23.227 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

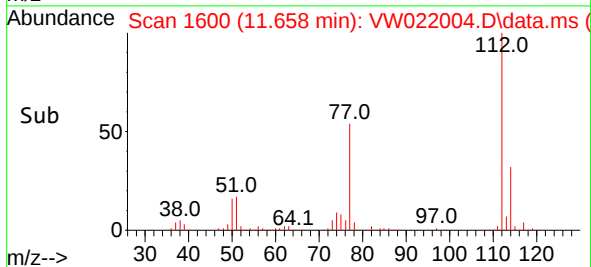
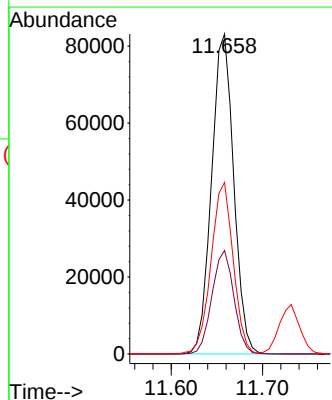
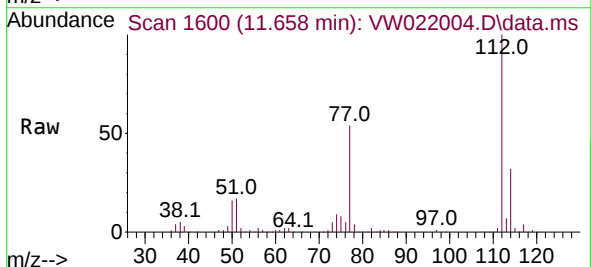
Tgt Ion:112 Resp: 139947

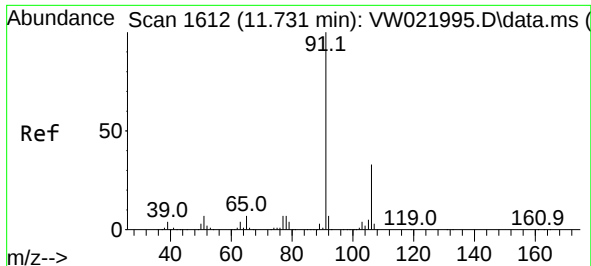
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 53.6 50.2 75.4

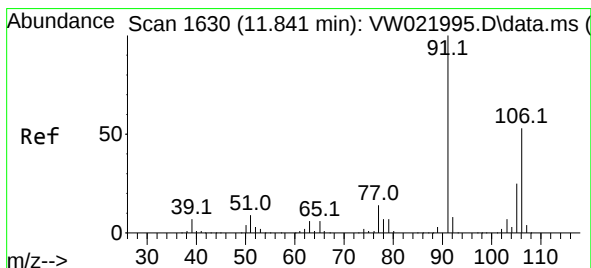
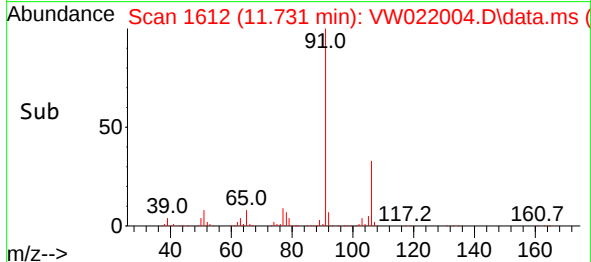
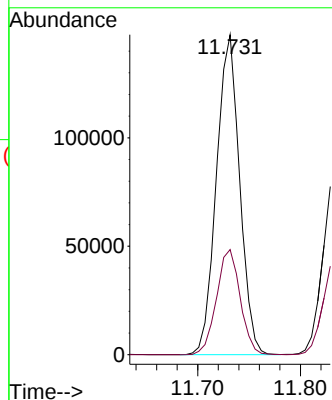
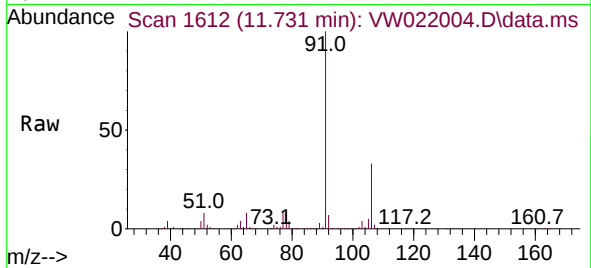




#52
Ethylbenzene
Concen: 24.404 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

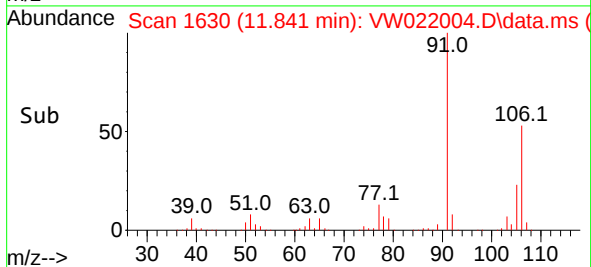
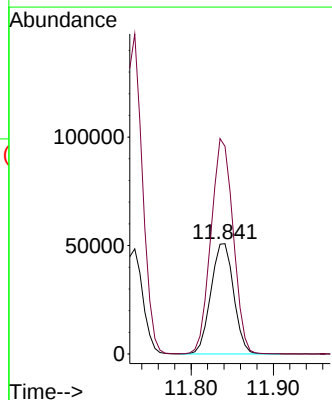
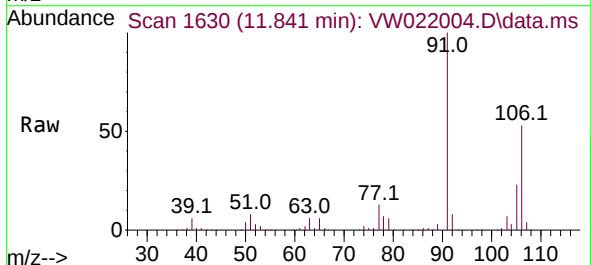
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

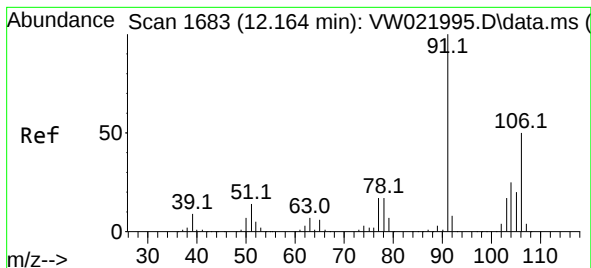
Tgt Ion: 91 Resp: 231341
Ion Ratio Lower Upper
91 100
106 32.8 21.5 39.9



#53
m,p-Xylene
Concen: 24.676 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 106 Resp: 97816
Ion Ratio Lower Upper
106 100
91 188.3 149.9 278.3





#54

o-Xylene

Concen: 24.955 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

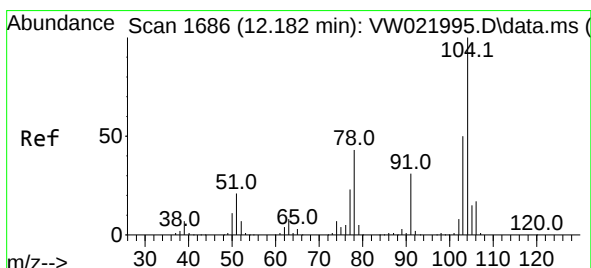
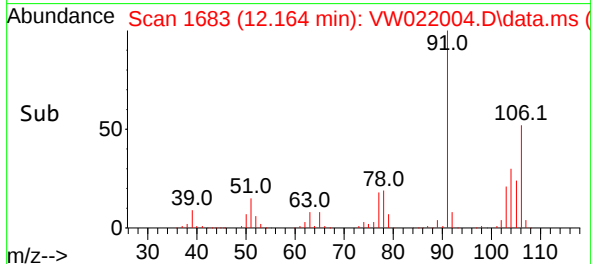
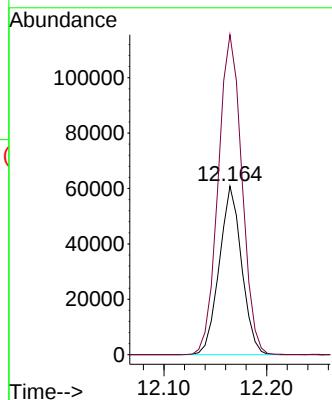
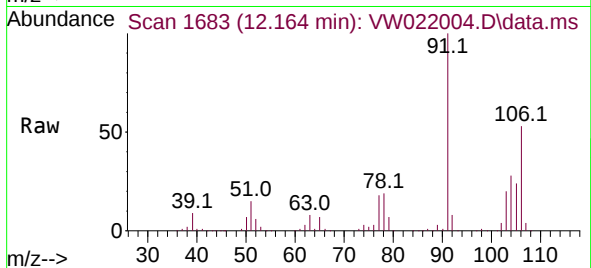
VSTD025547

Tgt Ion:106 Resp: 91835

Ion Ratio Lower Upper

106 100

91 189.9 153.6 285.3



#55

Styrene

Concen: 24.933 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW022004.D

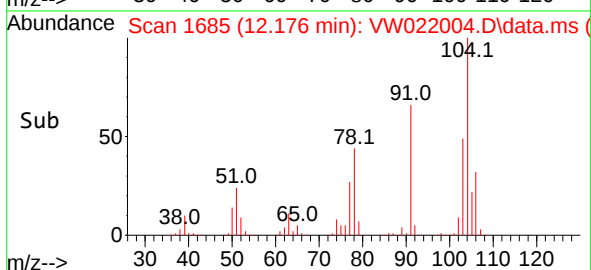
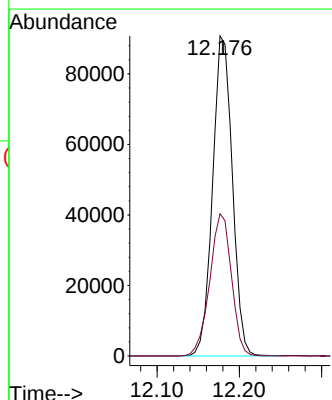
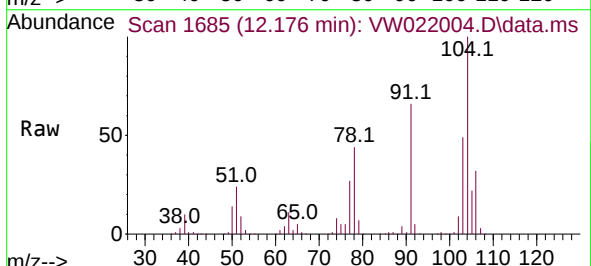
Acq: 19 Jan 2022 14:34

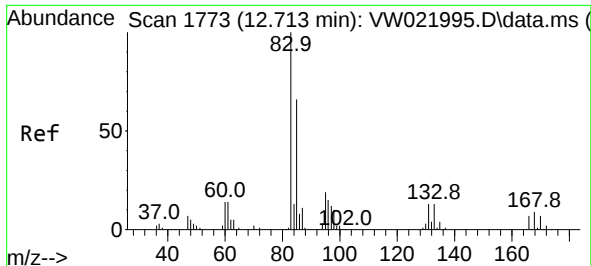
Tgt Ion:104 Resp: 151484

Ion Ratio Lower Upper

104 100

78 44.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.219 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

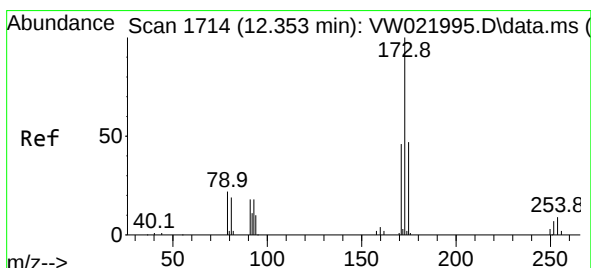
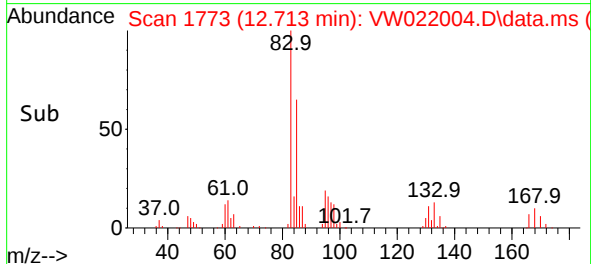
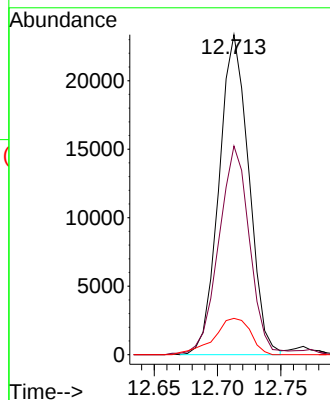
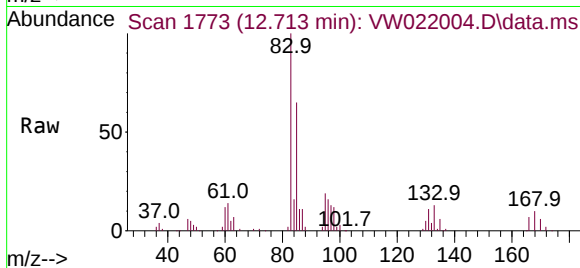
Tgt Ion: 83 Resp: 38187

Ion Ratio Lower Upper

83 100

85 65.2 44.0 81.6

131 11.3 6.9 10.3#



#59

Bromoform

Concen: 22.932 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

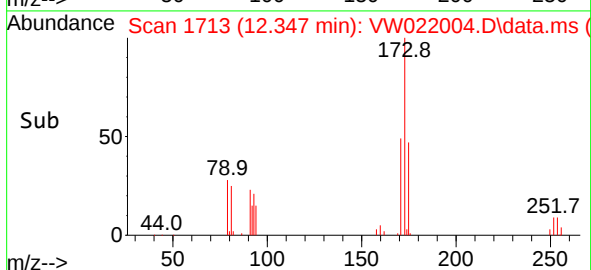
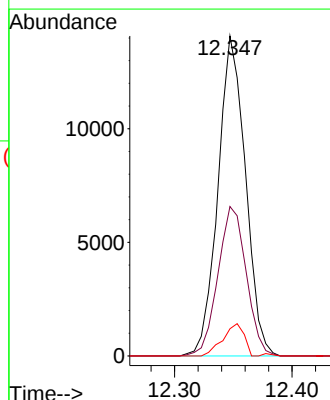
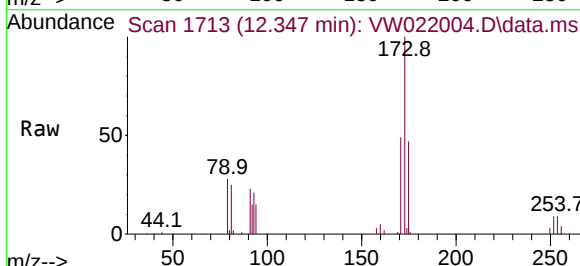
Tgt Ion:173 Resp: 22895

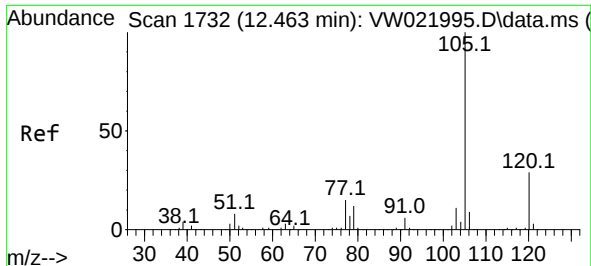
Ion Ratio Lower Upper

173 100

175 48.2 39.6 59.4

254 7.8 7.4 11.0

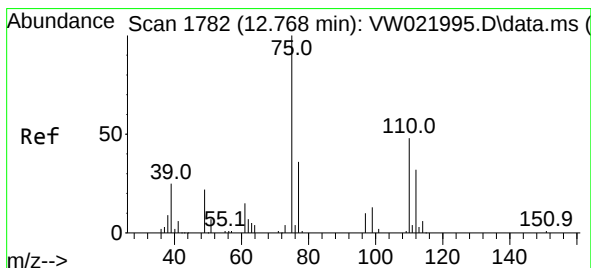
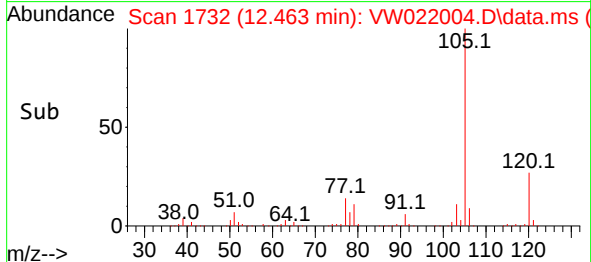
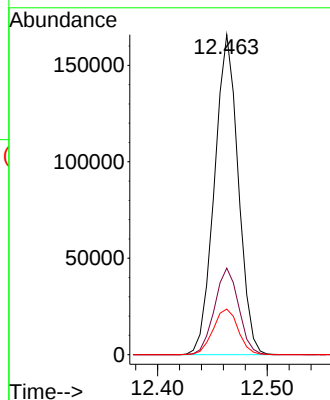
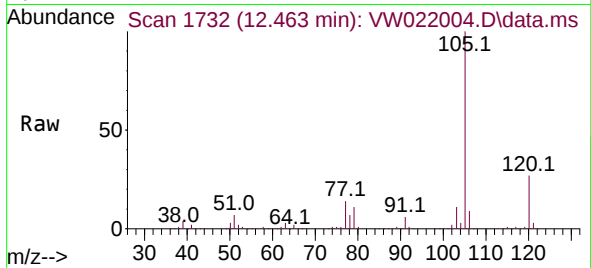




#60
Isopropylbenzene
Concen: 25.141 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

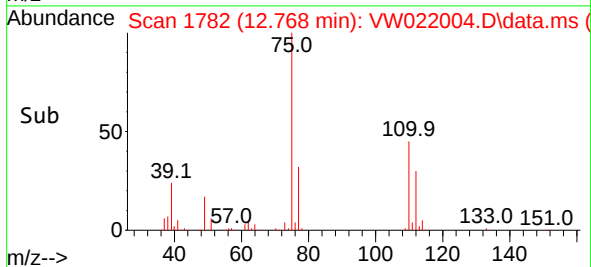
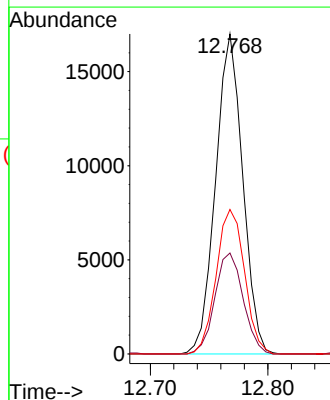
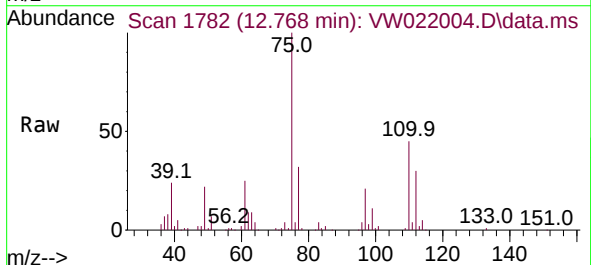
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

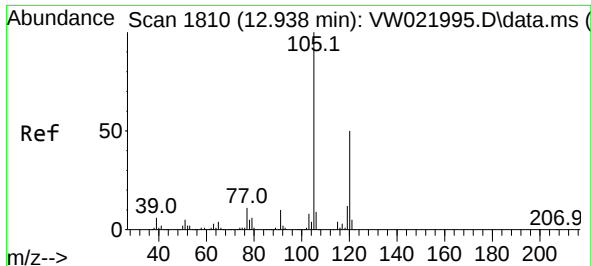
Tgt Ion:105 Resp: 250707
Ion Ratio Lower Upper
105 100
120 27.4 20.1 30.1
77 15.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.028 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion: 75 Resp: 27239
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
110 47.2 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.689 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

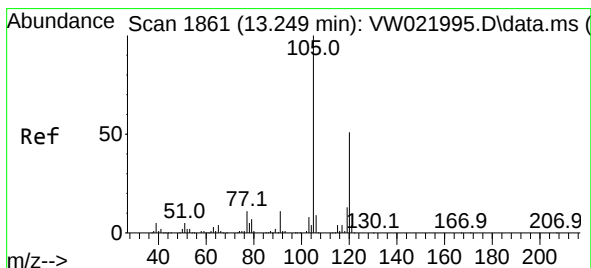
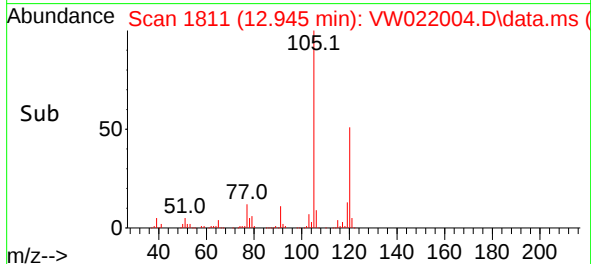
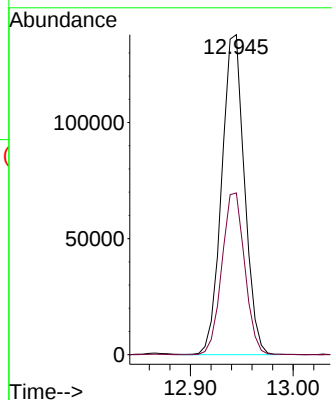
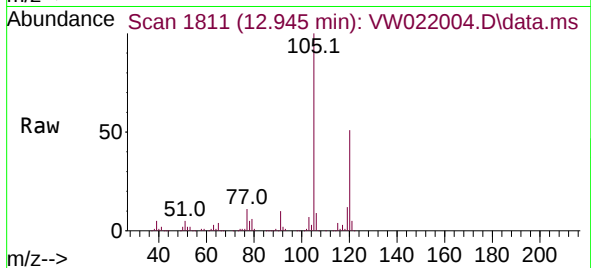
VSTD025547

Tgt Ion:105 Resp: 212134

Ion Ratio Lower Upper

105 100

120 50.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.819 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022004.D

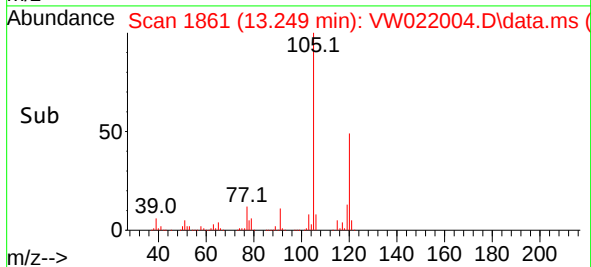
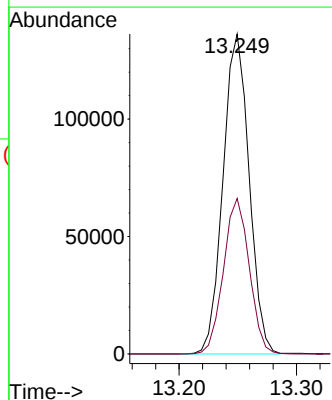
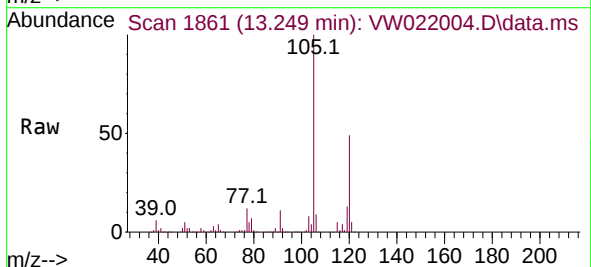
Acq: 19 Jan 2022 14:34

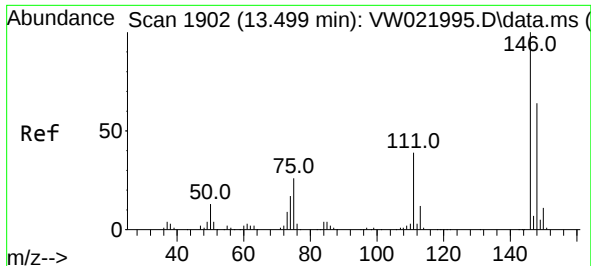
Tgt Ion:105 Resp: 210272

Ion Ratio Lower Upper

105 100

120 48.1 35.0 52.6

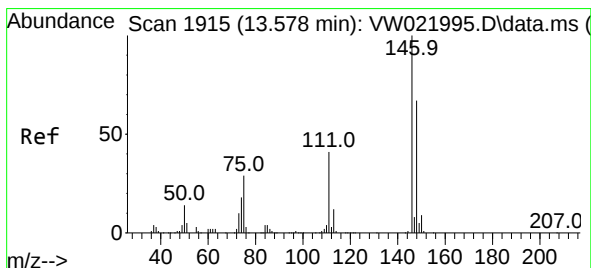
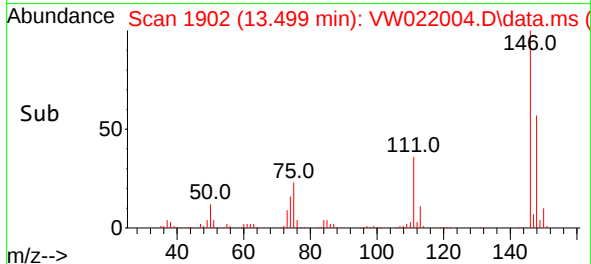
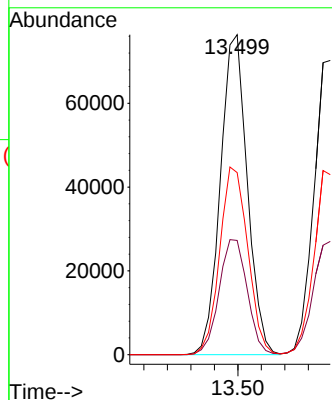
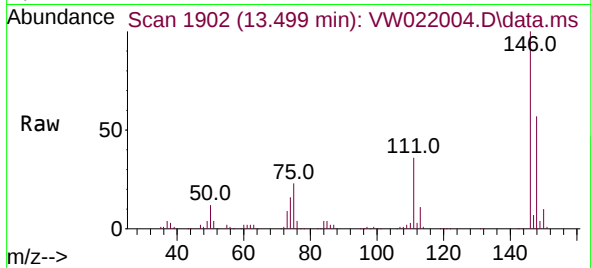




#64
1,3-Dichlorobenzene
Concen: 24.263 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

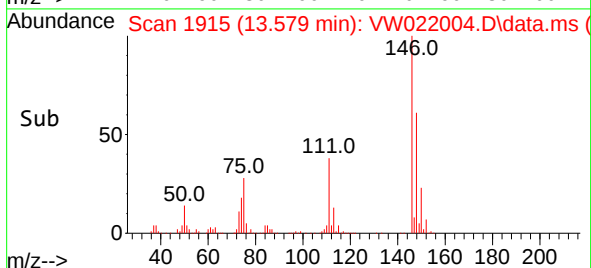
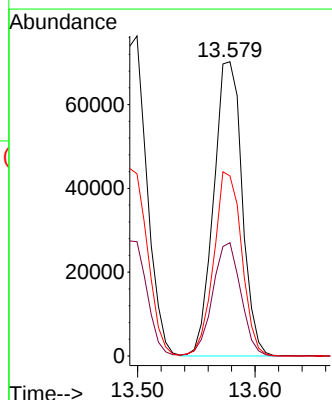
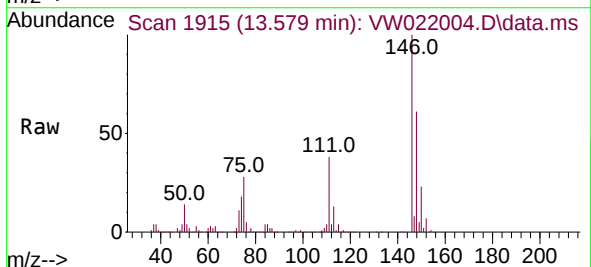
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

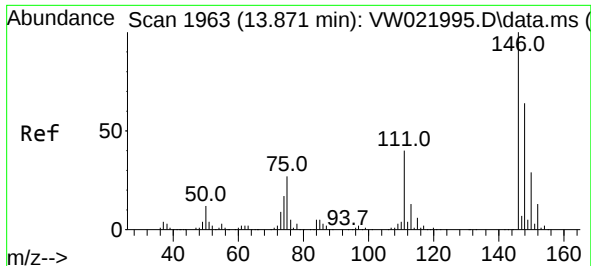
Tgt Ion:146 Resp: 121649
Ion Ratio Lower Upper
146 100
111 35.7 29.8 55.3
148 56.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.853 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022004.D
Acq: 19 Jan 2022 14:34

Tgt Ion:146 Resp: 118081
Ion Ratio Lower Upper
146 100
111 38.5 29.0 53.9
148 61.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.229 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

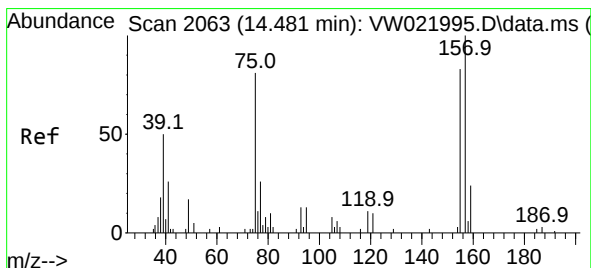
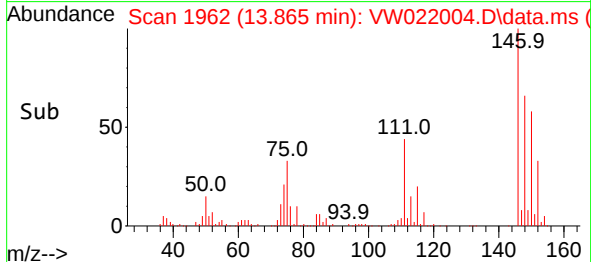
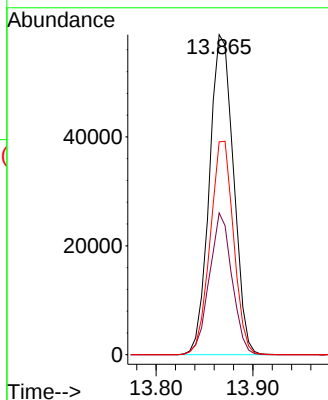
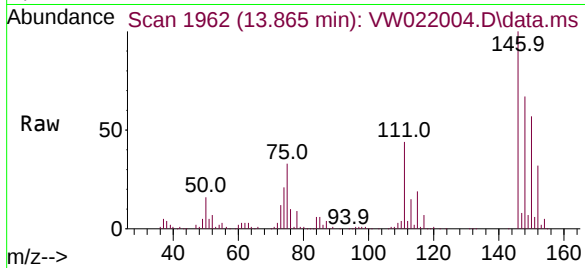
Tgt Ion:146 Resp: 101970

Ion Ratio Lower Upper

146 100

111 44.3 33.1 49.7

148 66.5 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 26.235 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

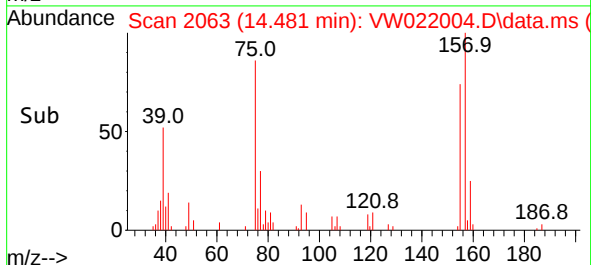
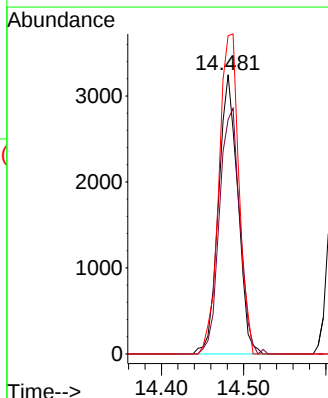
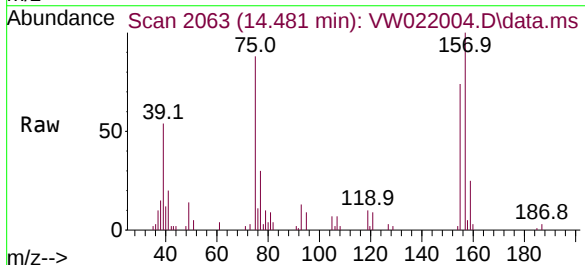
Tgt Ion: 75 Resp: 5302

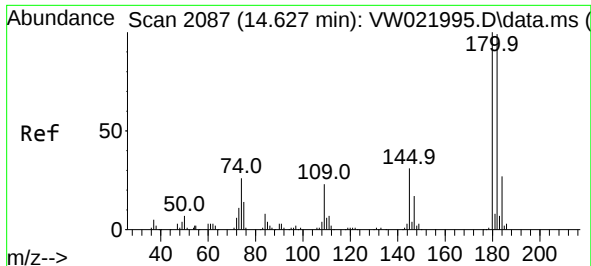
Ion Ratio Lower Upper

75 100

155 84.0 54.2 81.2#

157 114.0 69.4 104.2#

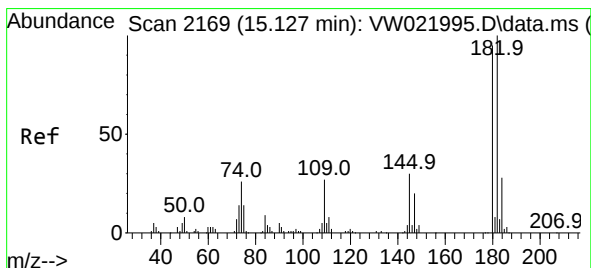
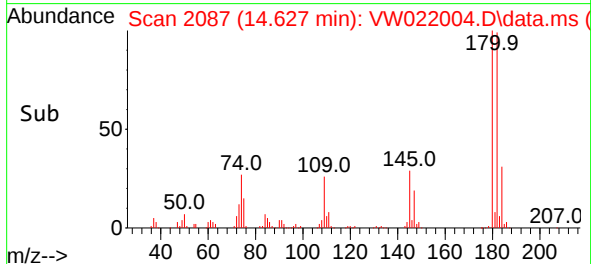
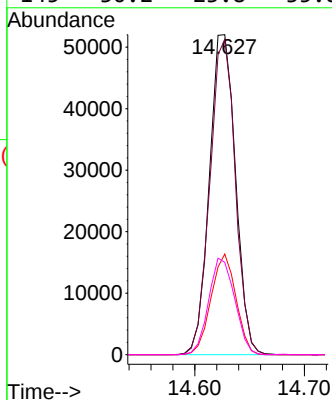
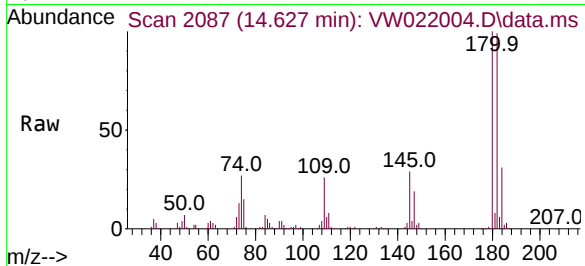




#69
 1,3,5-Trichlorobenzene
 Concen: 23.090 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

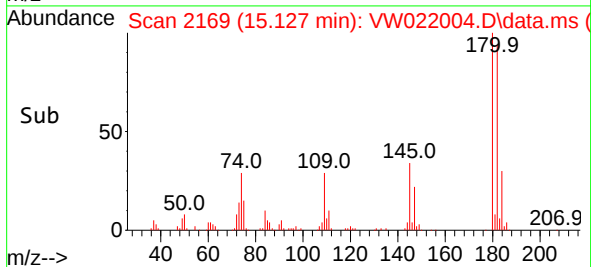
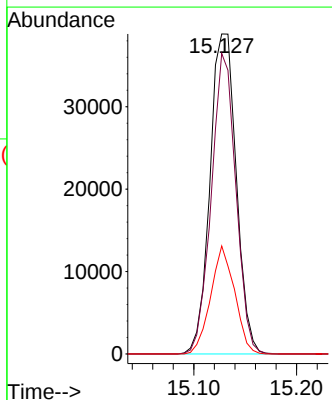
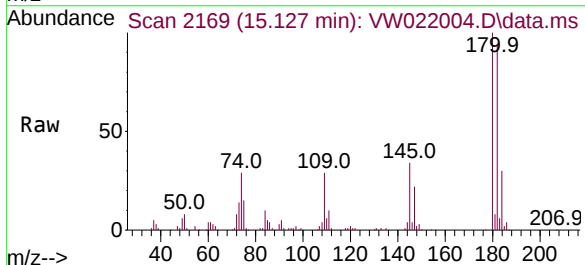
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

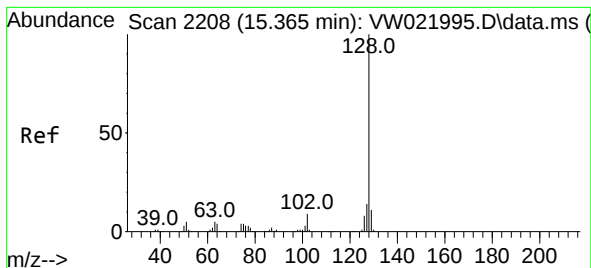
Tgt Ion:	180	Resp:	86042
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.4	113.0
184	30.1	23.8	35.8
145	30.2	23.8	35.8



#70
 1,2,4-trichlorobenzene
 Concen: 23.273 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022004.D
 Acq: 19 Jan 2022 14:34

Tgt Ion:	180	Resp:	69103
Ion Ratio	Lower	Upper	
180	100		
182	87.5	79.0	118.6
145	30.8	26.0	39.0





#71

Naphthalene

Concen: 24.275 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

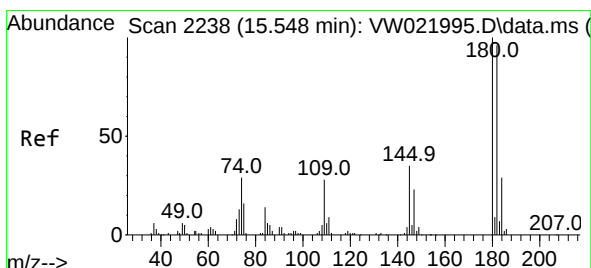
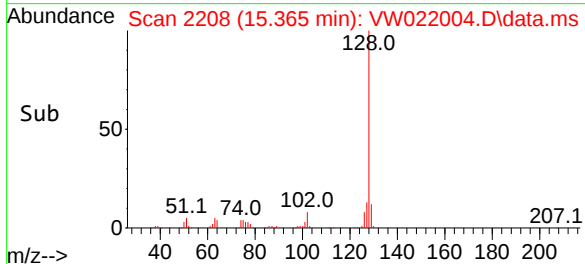
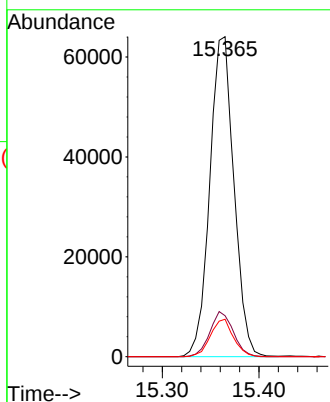
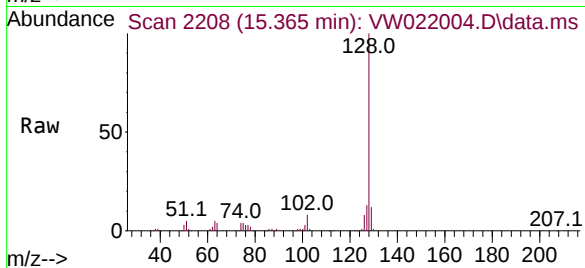
Tgt Ion:128 Resp: 111186

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.002 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022004.D

Acq: 19 Jan 2022 14:34

Tgt Ion:180 Resp: 56400

Ion Ratio Lower Upper

180 100

182 91.5 76.6 114.8

145 35.0 27.4 41.0

