

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011822\
 Data File : VW021993.D
 Acq On : 18 Jan 2022 12:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jan 19 00:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 19 00:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	127338	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	125365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71382	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	49572	20.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
7) Chloroethane-d5	2.885	69	37230	17.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.680%
11) 1,1-Dichloroethene-d2	4.019	63	85185	22.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.200%
21) 2-Butanone-d5	7.079	46	19472	58.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.580%
24) Chloroform-d	7.646	84	100872	24.521	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	8.305	65	49521	24.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.720%
32) Benzene-d6	8.274	84	196836	24.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	9.274	67	53673	25.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	10.323	98	195685	23.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	10.579	79	22388	24.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.926	63	17688	60.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44070	26.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	71826	24.471	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9871	19.663	ug/L	94
3) Chloromethane	2.214	50	41694	22.908	ug/L	100
5) Vinyl chloride	2.361	62	58136	22.235	ug/L	96
6) Bromomethane	2.775	94	38027	20.569	ug/L	97
8) Chloroethane	2.922	64	30656	19.400	ug/L	100
9) Trichlorofluoromethane	3.263	101	41747	21.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	48187	22.784	ug/L	92
12) 1,1-Dichloroethene	4.043	96	43919	23.107	ug/L	72
13) Acetone	4.135	43	14049	50.903	ug/L	85
14) Carbon disulfide	4.385	76	111553	22.417	ug/L	98
15) Methyl Acetate	4.671	43	14306	25.646	ug/L	# 84
16) Methylene chloride	4.915	84	46428	21.304	ug/L	75
17) trans-1,2-Dichloroethene	5.421	96	49110	23.911	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	65470	24.997	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	79401	26.362	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	53801	25.464	ug/L	70
22) 2-Butanone	7.171	43	20279	57.483	ug/L	82
23) Bromochloromethane	7.512	128	25251	24.019	ug/L	# 61
25) Chloroform	7.677	83	90928	25.514	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011822\
 Data File : VW021993.D
 Acq On : 18 Jan 2022 12:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jan 19 00:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 19 00:30:45 2022
 Response via : Initial Calibration

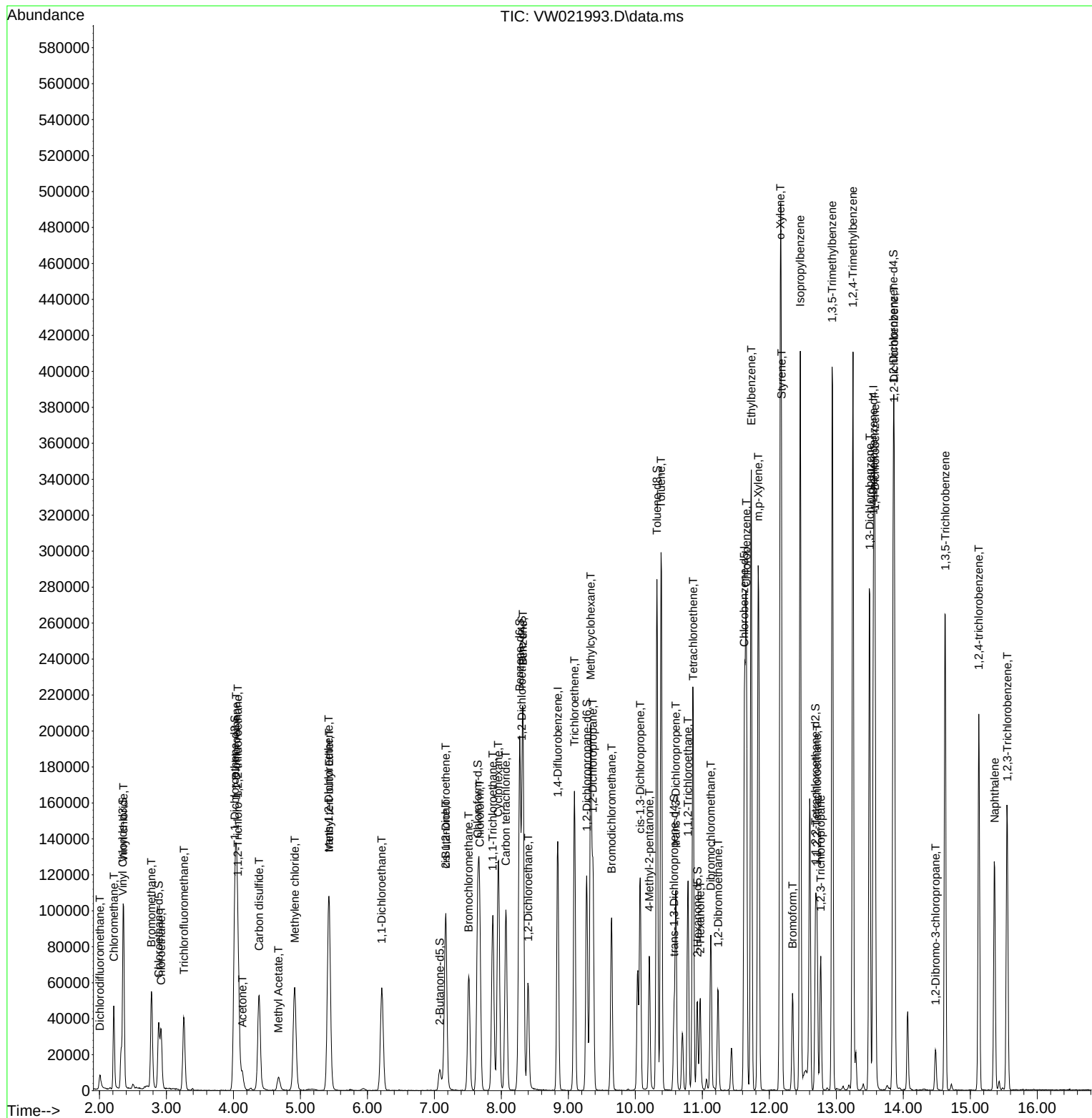
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	53705	26.023	ug/L #	92
29) Cyclohexane	7.951	56	70288	25.062	ug/L #	78
30) 1,1,1-Trichloroethane	7.872	97	79371	24.426	ug/L #	93
31) Carbon tetrachloride	8.067	117	75714	24.044	ug/L	96
33) Benzene	8.323	78	192500	25.042	ug/L	100
34) Trichloroethene	9.091	95	54561	24.464	ug/L	84
35) Methylcyclohexane	9.335	83	88075	24.015	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	43036	25.698	ug/L #	95
38) Bromodichloromethane	9.646	83	61226	26.190	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	70082	26.932	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	43395	55.162	ug/L #	85
42) Toluene	10.384	91	224886	26.084	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	58971	27.076	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	36438	25.627	ug/L	95
46) Tetrachloroethene	10.865	164	49653	22.514	ug/L	96
48) 2-Hexanone	10.969	43	31119	57.814	ug/L #	89
49) Dibromochloromethane	11.127	129	45897	25.618	ug/L	96
50) 1,2-Dibromoethane	11.237	107	36556	25.901	ug/L	100
51) Chlorobenzene	11.658	112	149650	24.583	ug/L	90
52) Ethylbenzene	11.731	91	248657	25.962	ug/L	96
53) m,p-Xylene	11.835	106	104497	26.092	ug/L	83
54) o-Xylene	12.164	106	95701	25.739	ug/L	96
55) Styrene	12.182	104	163430	26.625	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.712	83	39920	26.095	ug/L #	99
59) Bromoform	12.347	173	24880	25.565	ug/L	98
60) Isopropylbenzene	12.463	105	264032	27.162	ug/L	94
61) 1,2,3-Trichloropropane	12.767	75	28445	27.884	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	223156	27.723	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	220417	27.765	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	122237	25.012	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	124045	25.706	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	109145	25.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.480	75	5469	27.762	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	87087	23.975	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	66392	22.939	ug/L	98
71) Naphthalene	15.364	128	115802	25.937	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	56554	23.661	ug/L	94

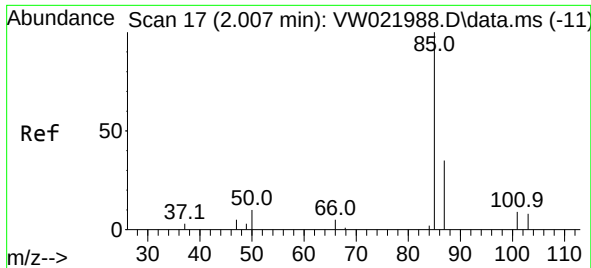
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011822\
 Data File : VW021993.D
 Acq On : 18 Jan 2022 12:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jan 19 00:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 19 00:30:45 2022
 Response via : Initial Calibration

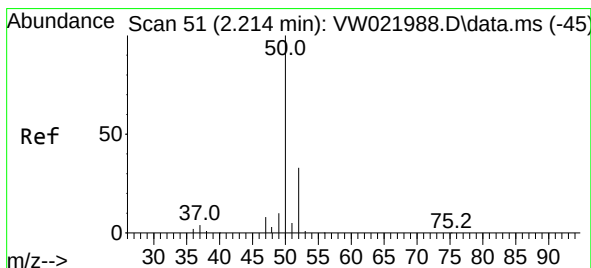
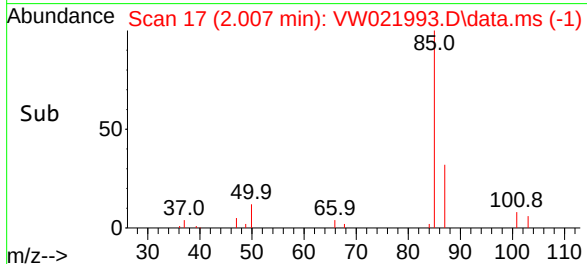
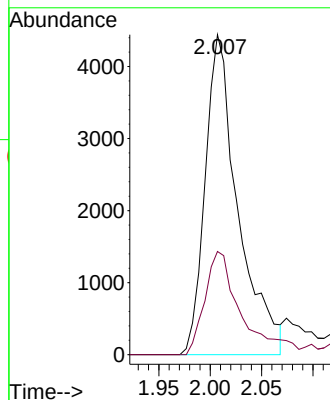
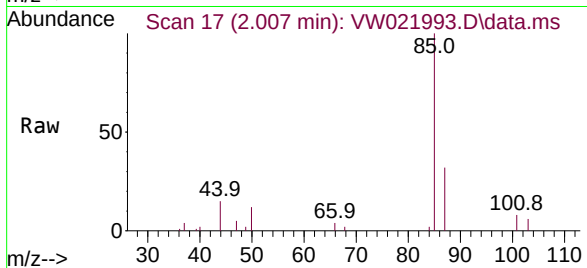




#2
 Dichlorodifluoromethane
 Concen: 19.663 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021993.D
 Acq: 18 Jan 2022 12:28

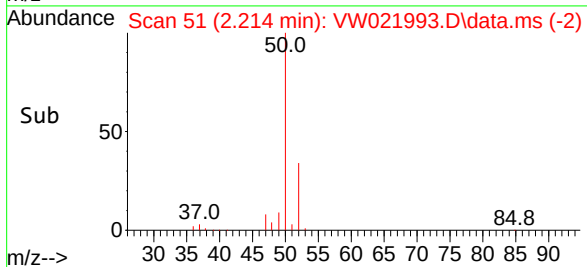
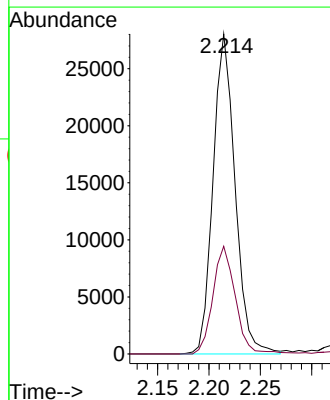
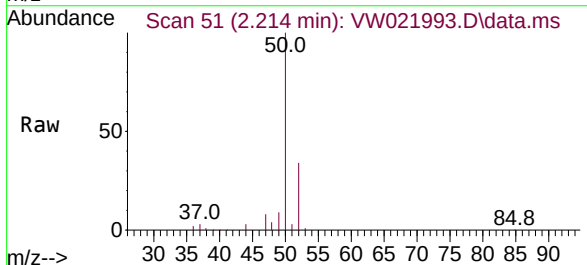
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

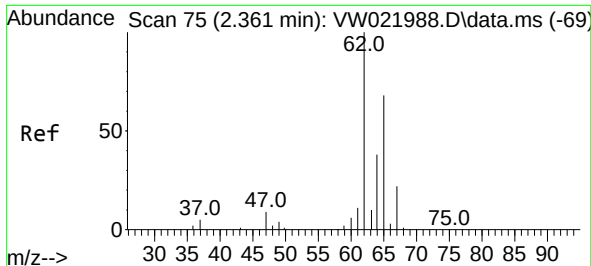
Tgt Ion: 85 Resp: 9871
 Ion Ratio Lower Upper
 85 100
 87 35.4 25.8 38.6



#3
 Chloromethane
 Concen: 22.908 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021993.D
 Acq: 18 Jan 2022 12:28

Tgt Ion: 50 Resp: 41694
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.6

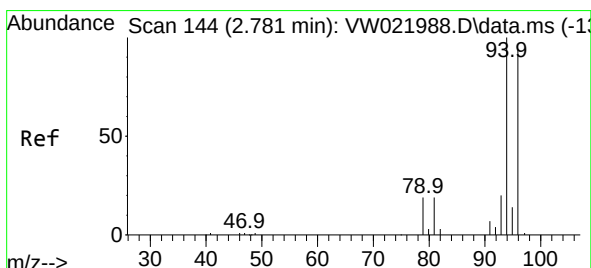
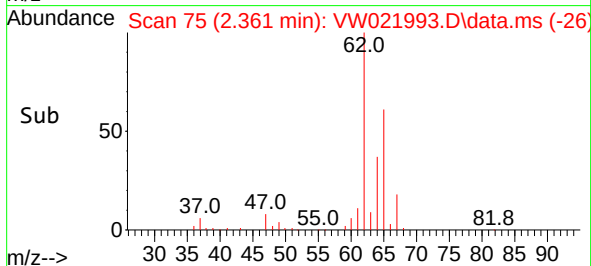
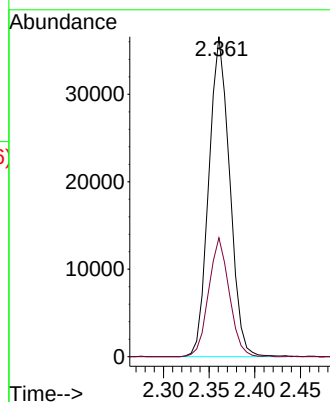
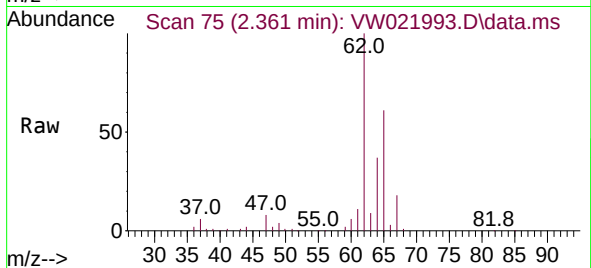




#5
 Vinyl chloride
 Concen: 22.235 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021993.D
 Acq: 18 Jan 2022 12:28

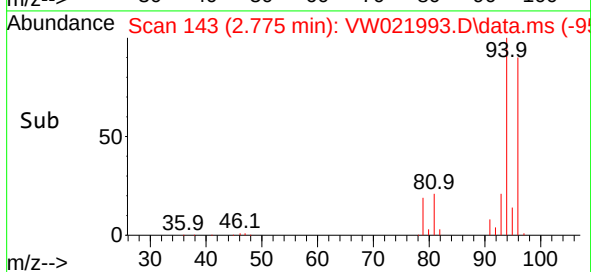
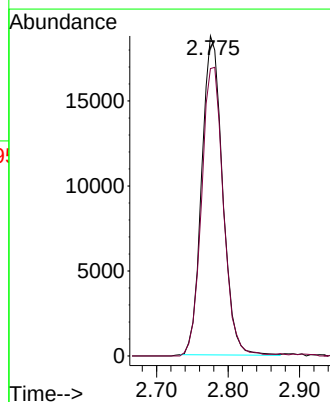
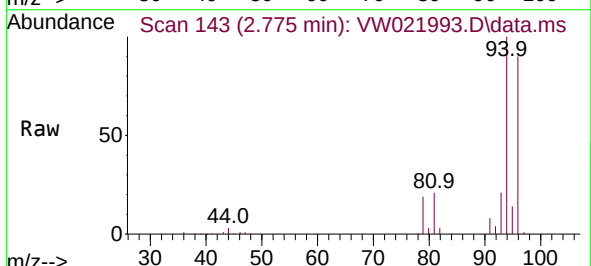
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

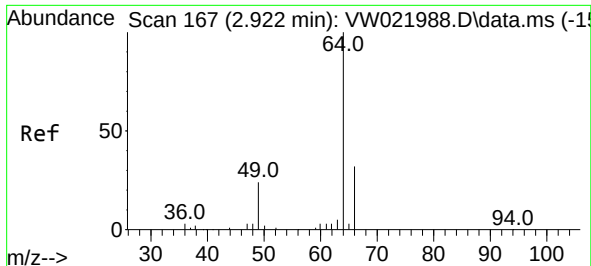
Tgt Ion: 62 Resp: 58136
 Ion Ratio Lower Upper
 62 100
 64 37.1 24.4 45.2



#6
 Bromomethane
 Concen: 20.569 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021993.D
 Acq: 18 Jan 2022 12:28

Tgt Ion: 94 Resp: 38027
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.8 120.4

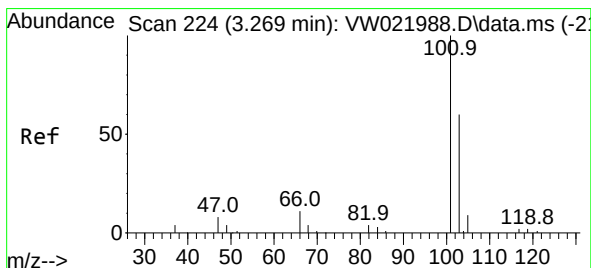
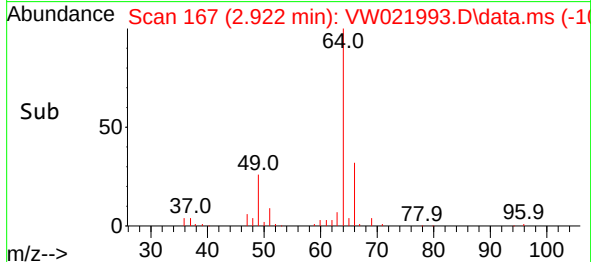
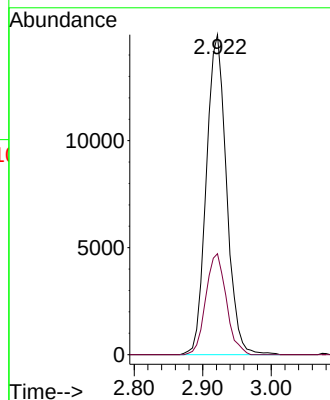
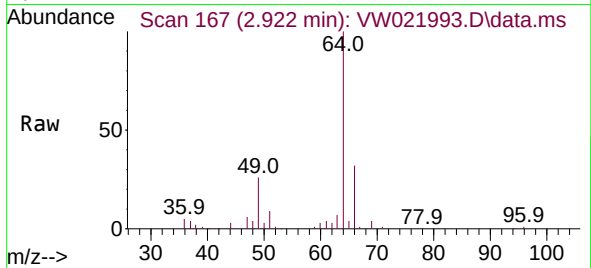




#8
Chloroethane
Concen: 19.400 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

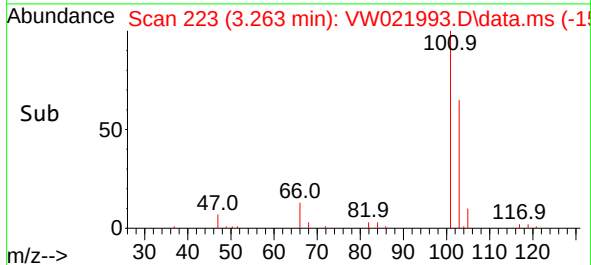
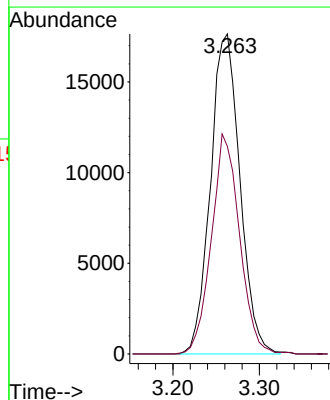
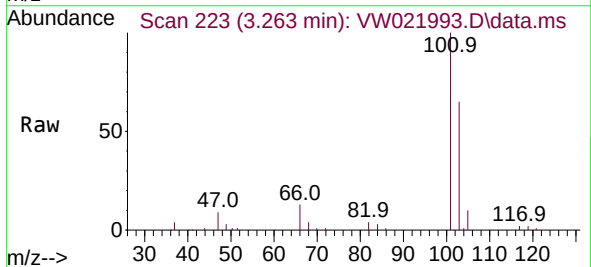
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

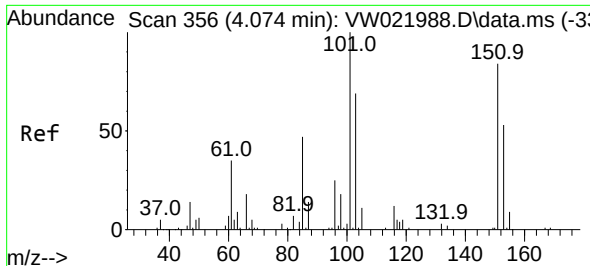
Tgt Ion: 64 Resp: 30656
Ion Ratio Lower Upper
64 100
66 31.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.486 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion:101 Resp: 41747
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.784 ug/L

RT: 4.068 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

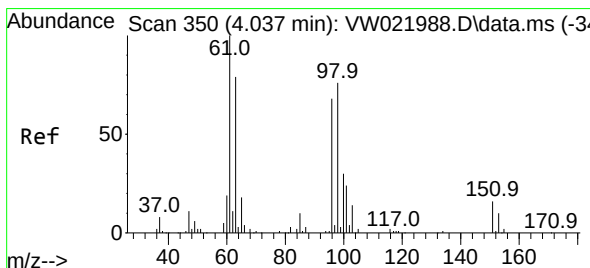
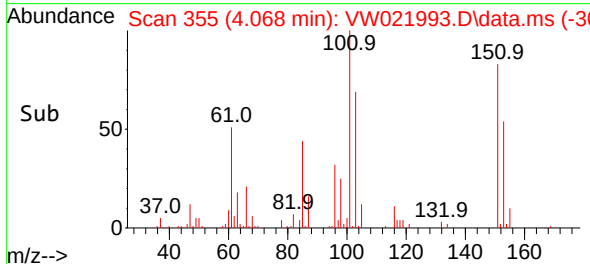
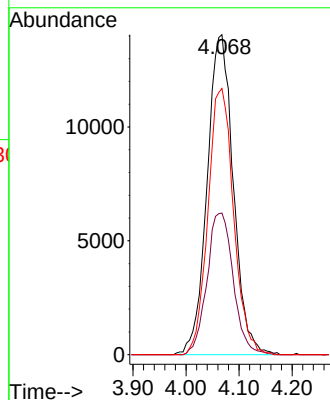
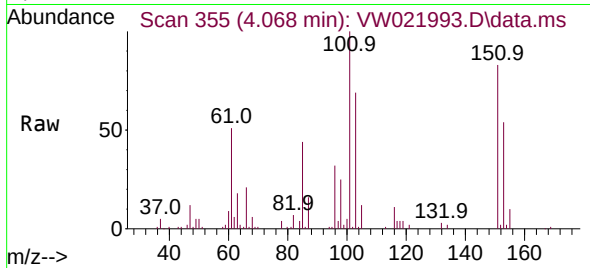
Tgt Ion:101 Resp: 48187

Ion Ratio Lower Upper

101 100

85 44.3 36.6 54.8

151 81.4 57.4 86.0



#12

1,1-Dichloroethene

Concen: 23.107 ug/L

RT: 4.043 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

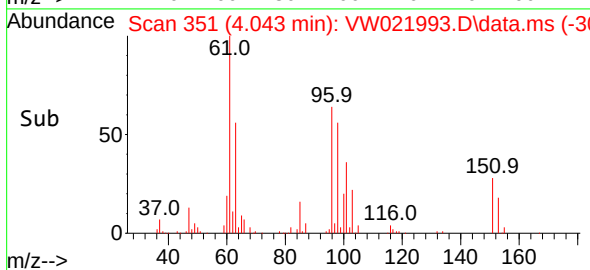
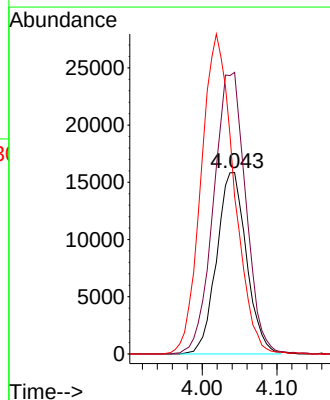
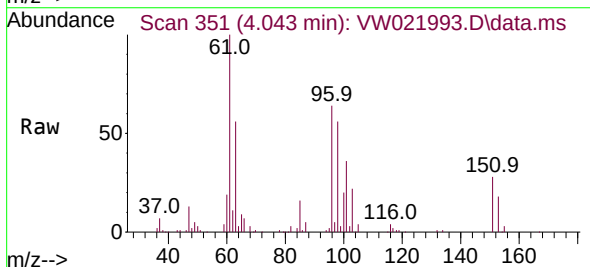
Tgt Ion: 96 Resp: 43919

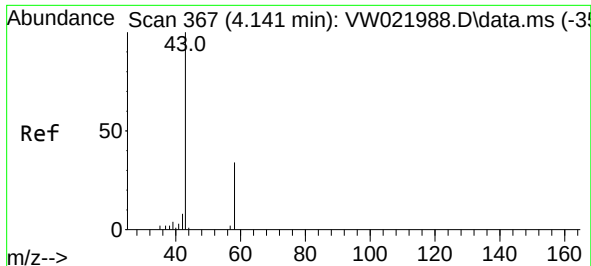
Ion Ratio Lower Upper

96 100

61 155.2 138.3 256.9

63 86.9 82.6 153.4





#13

Acetone

Concen: 50.903 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

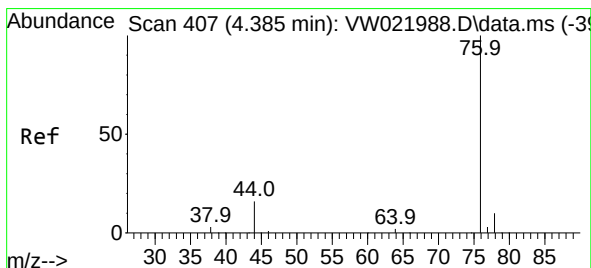
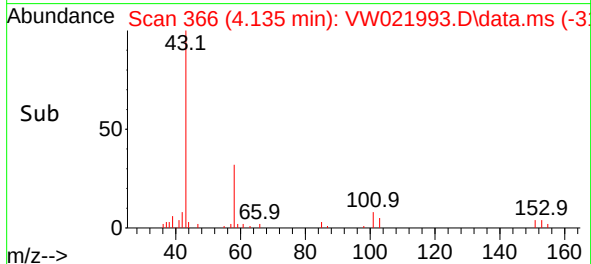
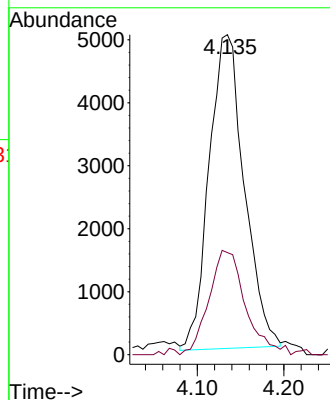
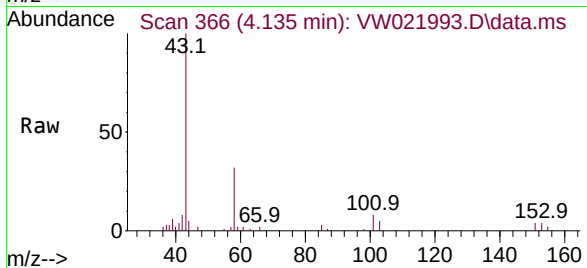
VSTD025545

Tgt Ion: 43 Resp: 14049

Ion Ratio Lower Upper

43 100

58 34.1 0.0 52.8



#14

Carbon disulfide

Concen: 22.417 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021993.D

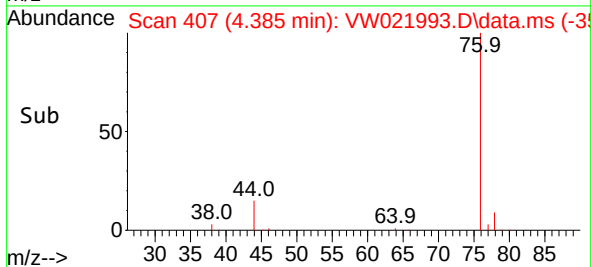
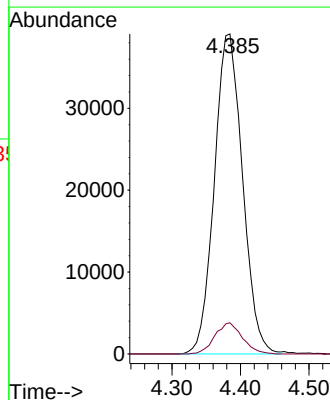
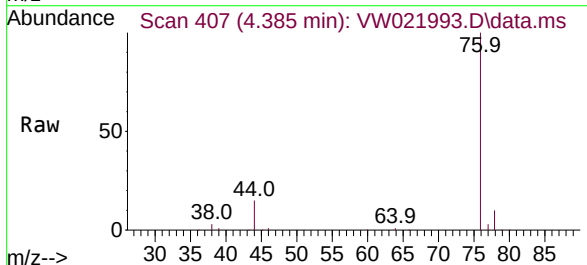
Acq: 18 Jan 2022 12:28

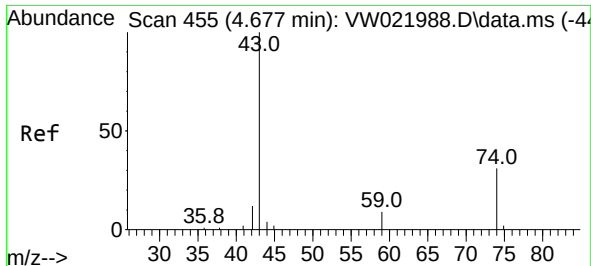
Tgt Ion: 76 Resp: 111553

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

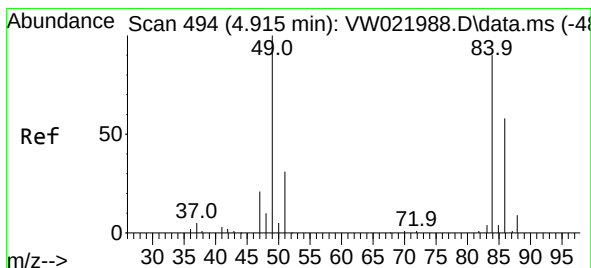
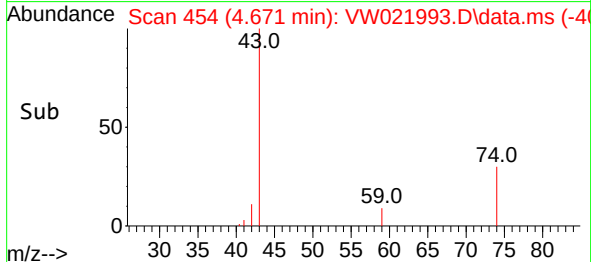
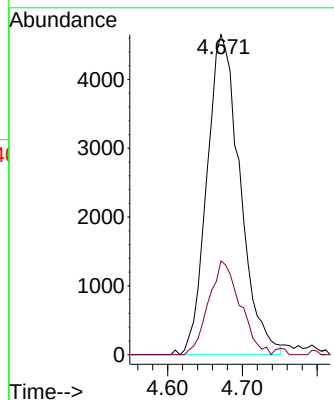
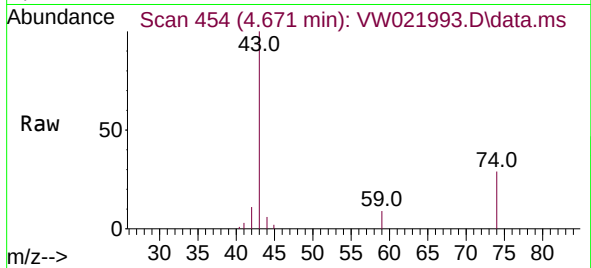




#15
Methyl Acetate
Concen: 25.646 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

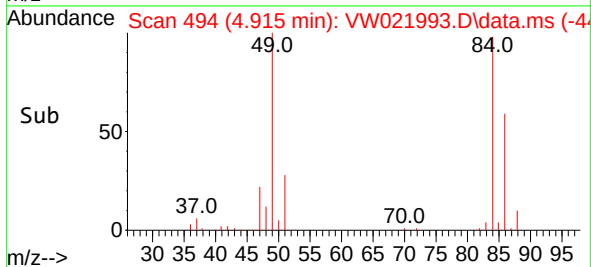
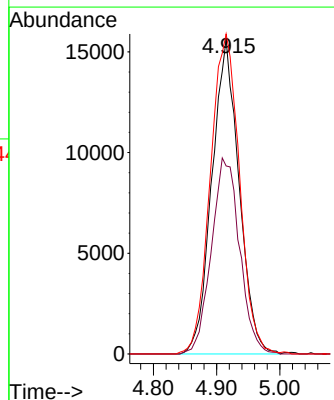
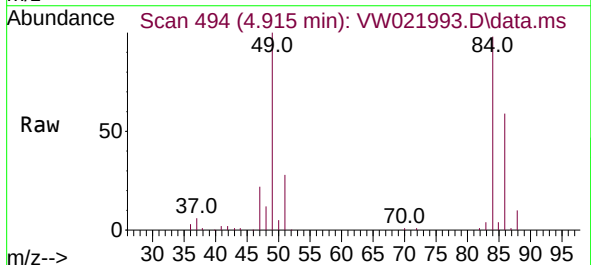
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

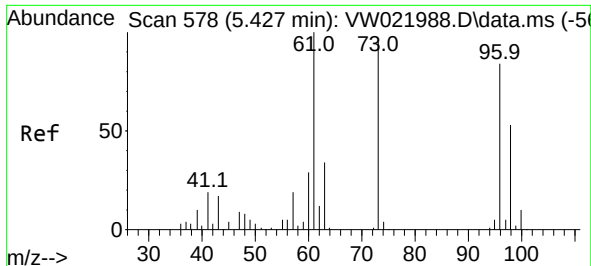
Tgt Ion: 43 Resp: 14306
Ion Ratio Lower Upper
43 100
74 27.8 16.4 24.6#



#16
Methylene chloride
Concen: 21.304 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion: 84 Resp: 46428
Ion Ratio Lower Upper
84 100
86 59.7 45.5 84.5
49 101.7 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.911 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

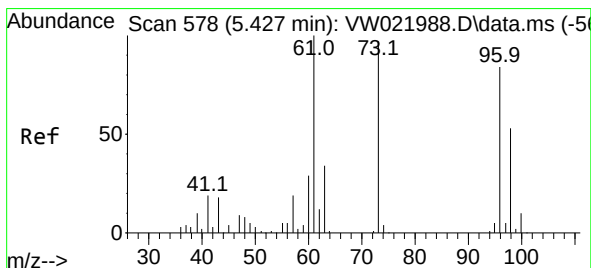
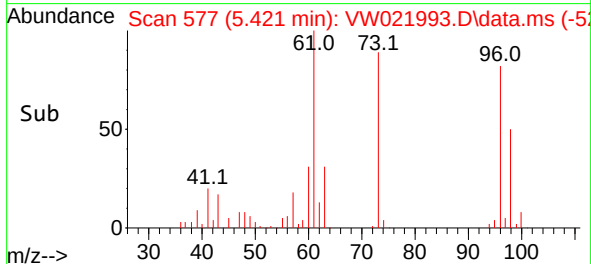
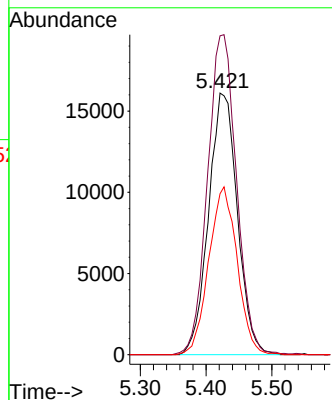
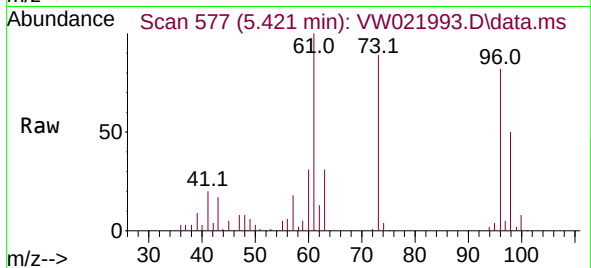
Tgt Ion: 96 Resp: 49110

Ion Ratio Lower Upper

96 100

61 121.9 107.4 199.4

98 61.5 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 24.997 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

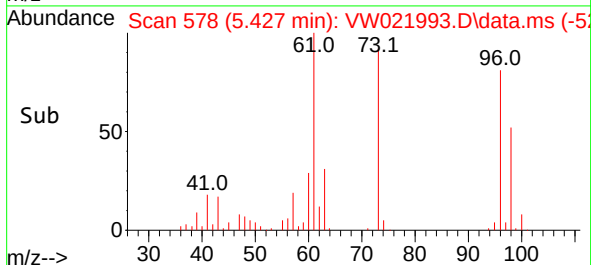
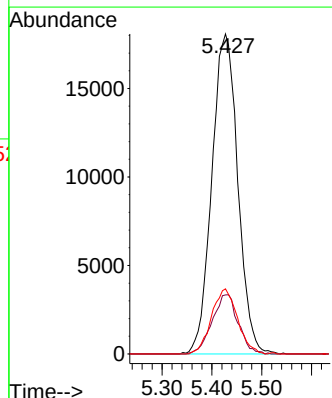
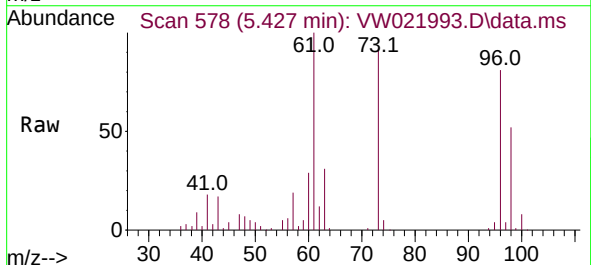
Tgt Ion: 73 Resp: 65470

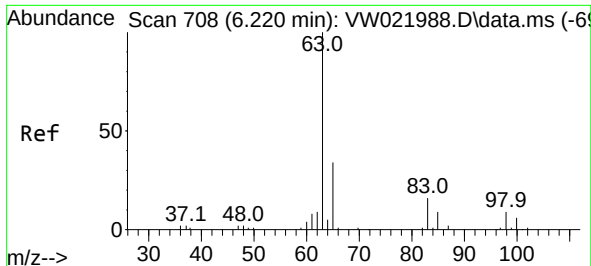
Ion Ratio Lower Upper

73 100

43 18.4 19.5 29.3#

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.362 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

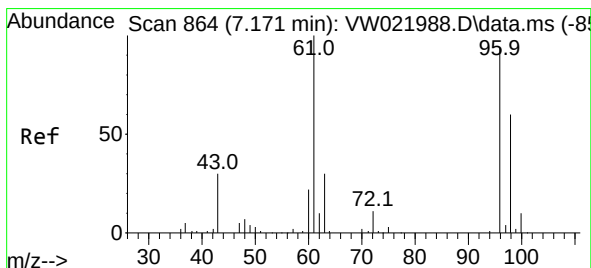
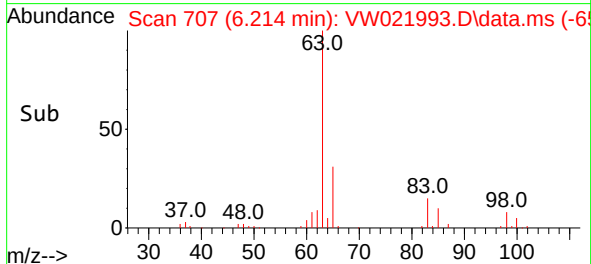
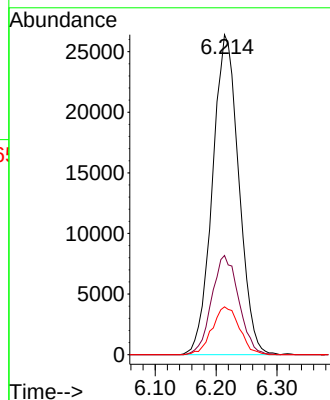
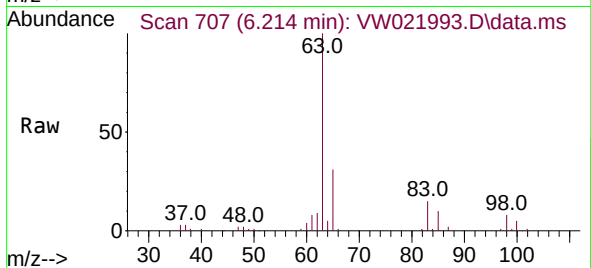
Tgt Ion: 63 Resp: 79401

Ion Ratio Lower Upper

63 100

65 31.0 22.1 41.1

83 15.0 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.464 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

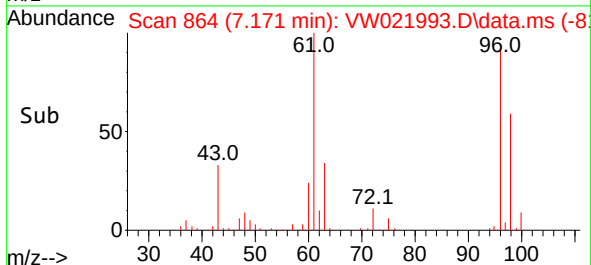
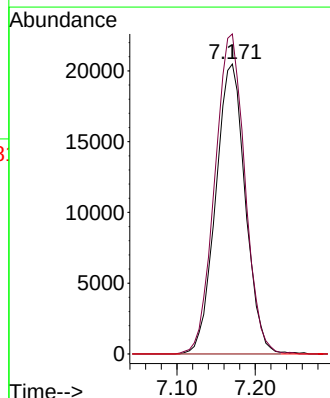
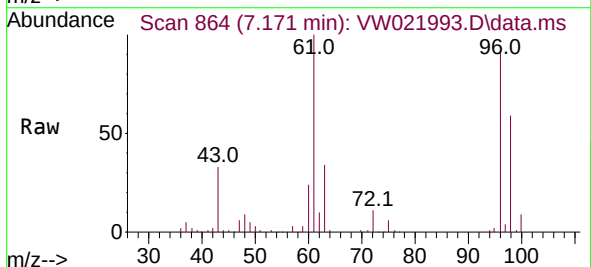
Tgt Ion: 96 Resp: 53801

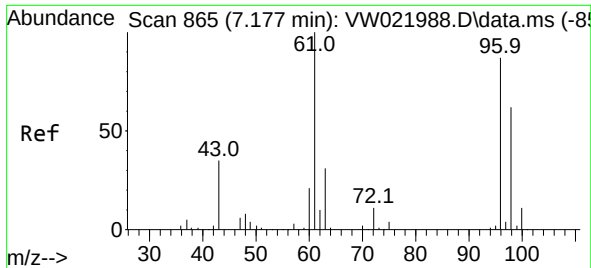
Ion Ratio Lower Upper

96 100

61 110.3 103.7 192.7

68 0.0 0.0 0.0

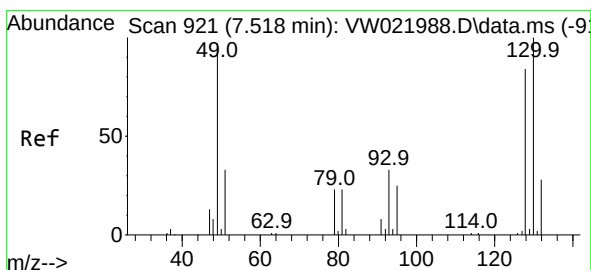
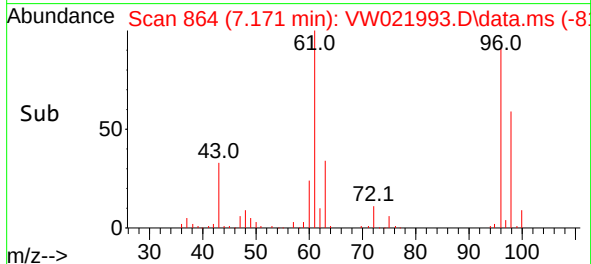
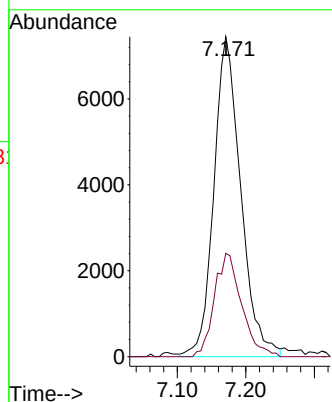
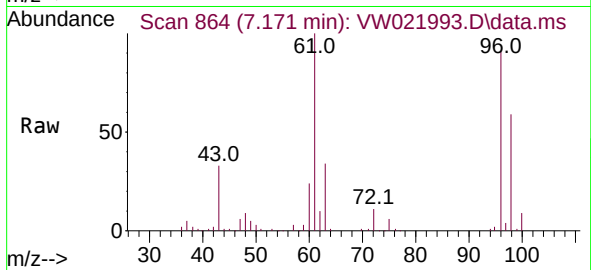




#22
2-Butanone
Concen: 57.483 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

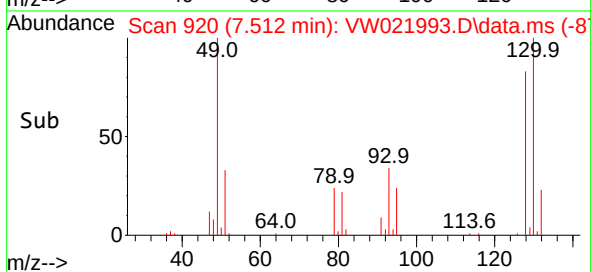
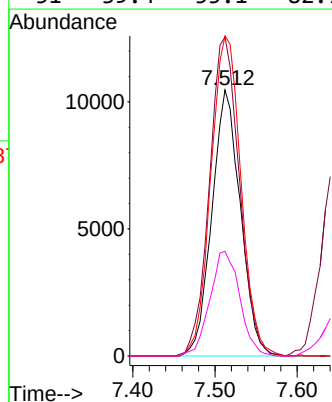
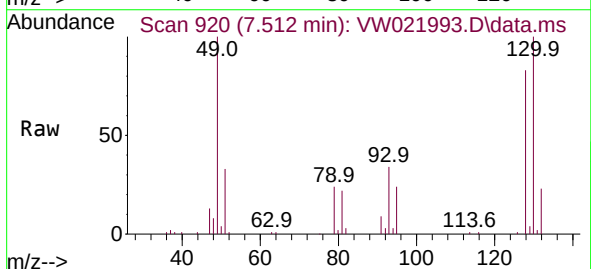
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

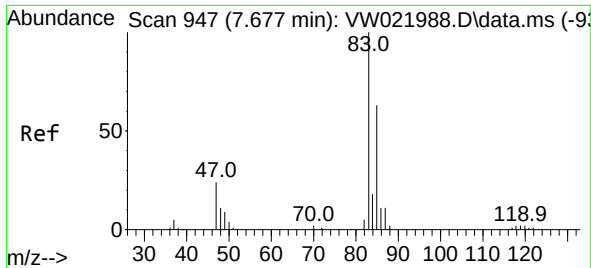
Tgt Ion: 43 Resp: 20279
Ion Ratio Lower Upper
43 100
72 32.6 11.8 35.4



#23
Bromochloromethane
Concen: 24.019 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion: 128 Resp: 25251
Ion Ratio Lower Upper
128 100
49 120.0 150.3 279.1#
130 120.3 88.3 163.9
51 39.4 55.1 82.7#

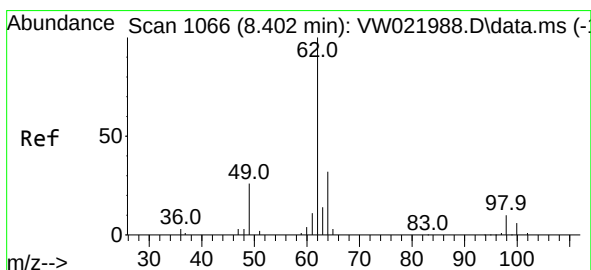
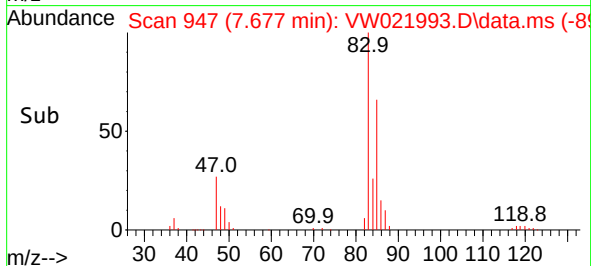
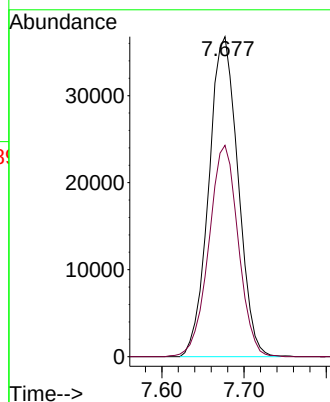
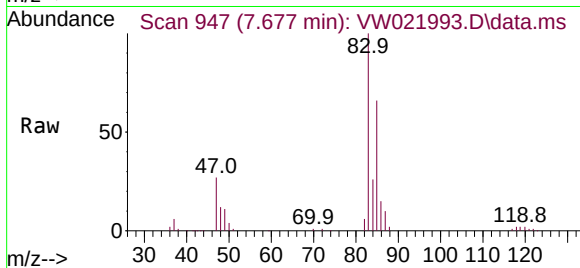




#25
Chloroform
Concen: 25.514 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

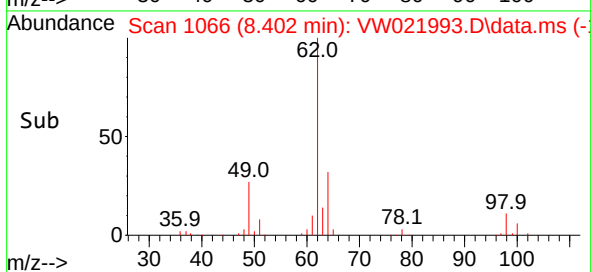
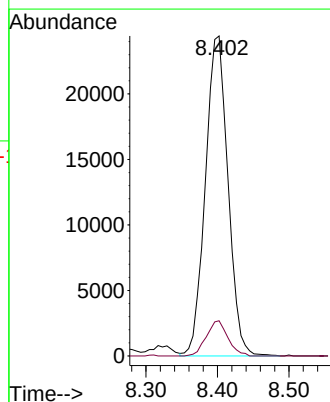
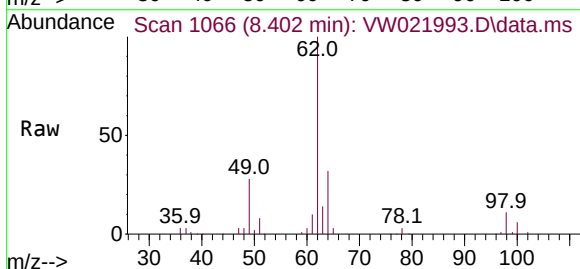
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

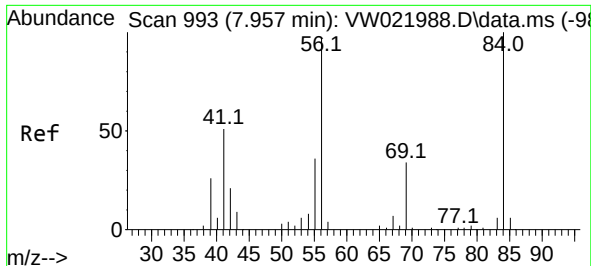
Tgt Ion: 83 Resp: 90928
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.023 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion: 62 Resp: 53705
Ion Ratio Lower Upper
62 100
98 11.0 6.5 9.7#





#29

Cyclohexane

Concen: 25.062 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

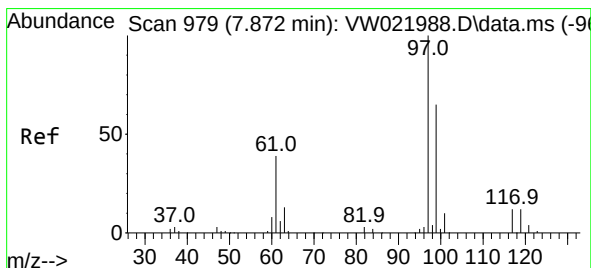
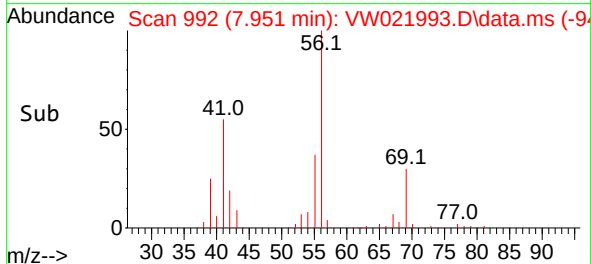
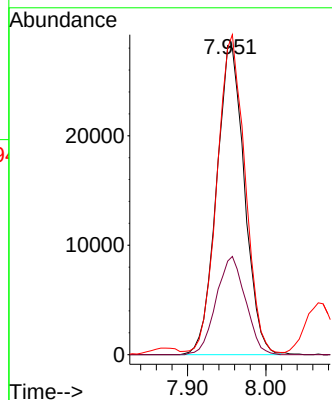
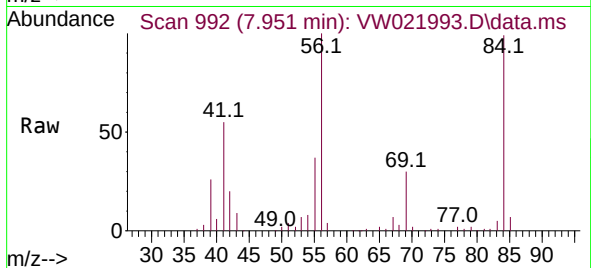
Tgt Ion: 56 Resp: 70288

Ion Ratio Lower Upper

56 100

69 33.0 23.5 35.3

84 103.8 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.426 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

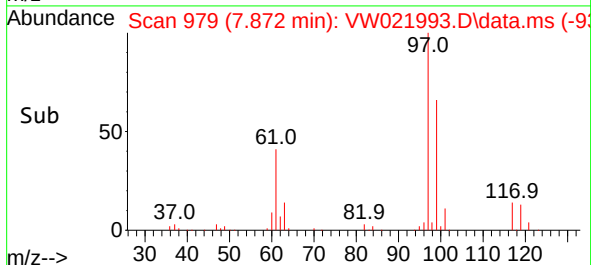
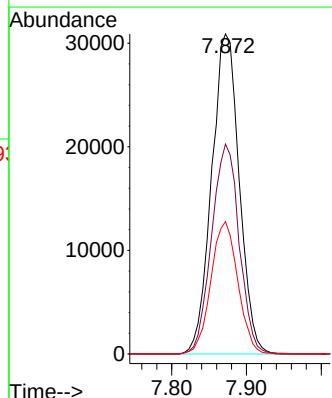
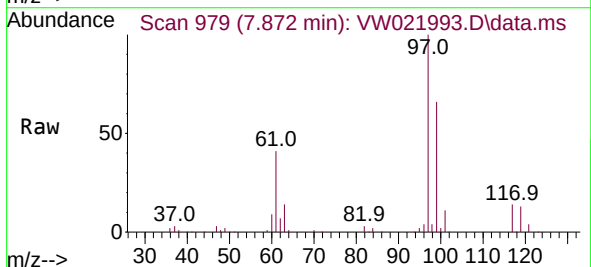
Tgt Ion: 97 Resp: 79371

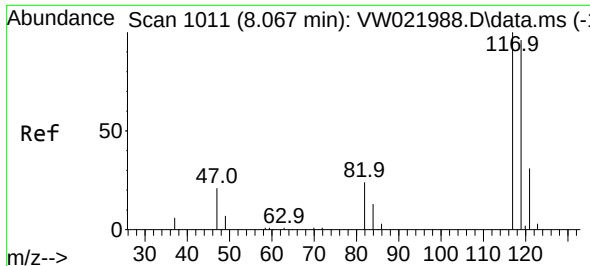
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 40.4 40.9 61.3#

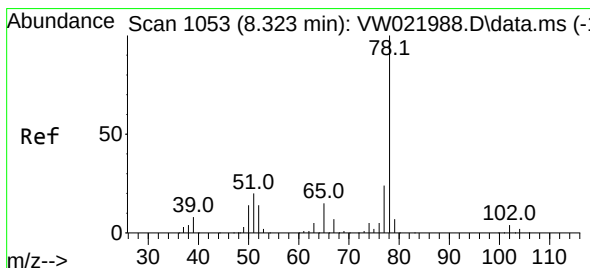
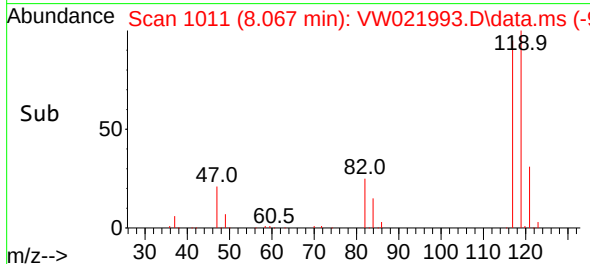
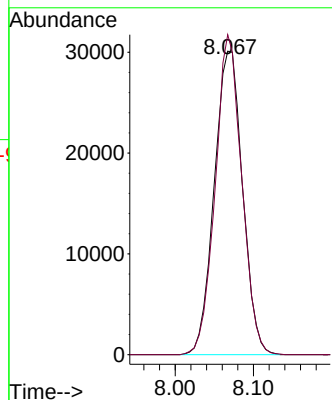
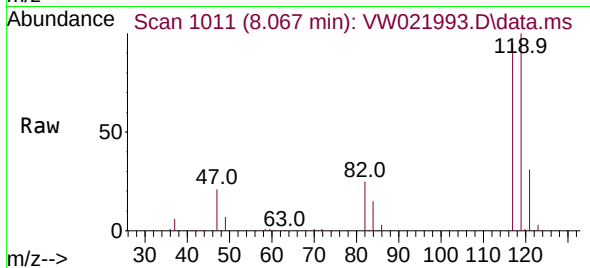




#31
Carbon tetrachloride
Concen: 24.044 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

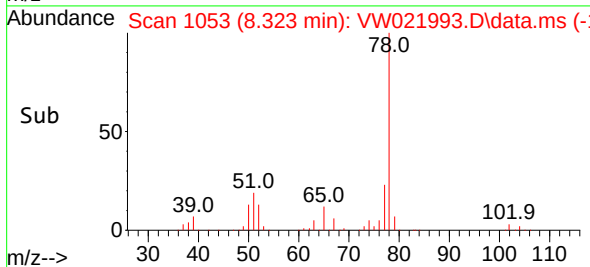
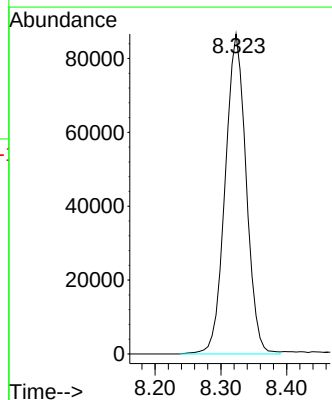
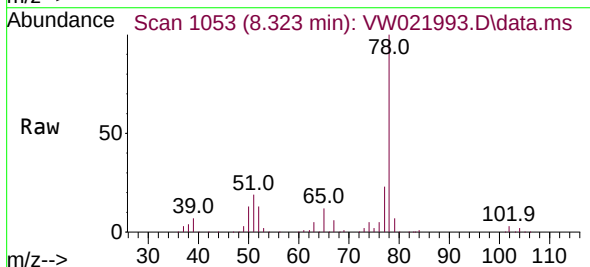
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

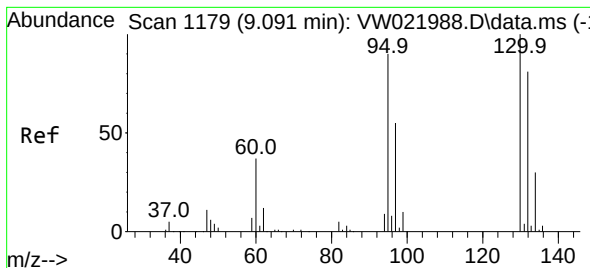
Tgt Ion:117 Resp: 75714
Ion Ratio Lower Upper
117 100
119 98.6 75.7 113.5



#33
Benzene
Concen: 25.042 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion: 78 Resp: 192500





#34

Trichloroethene

Concen: 24.464 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

Tgt Ion: 95 Resp: 54561

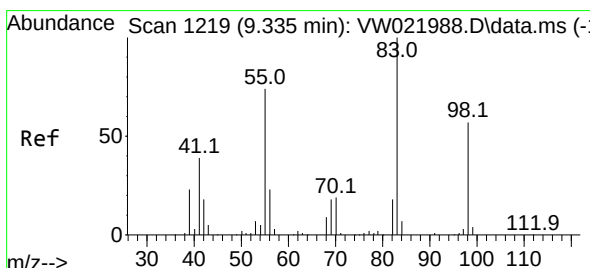
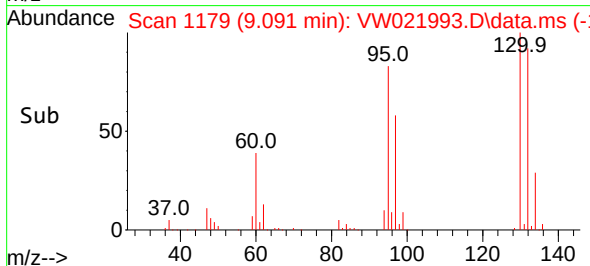
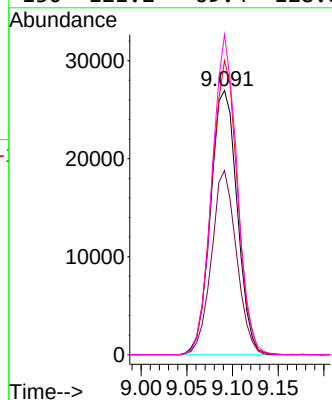
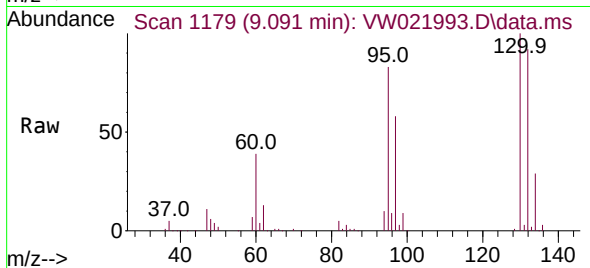
Ion Ratio Lower Upper

95 100

97 69.8 47.0 87.2

132 111.4 65.5 121.6

130 121.2 69.4 128.8



#35

Methylcyclohexane

Concen: 24.015 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

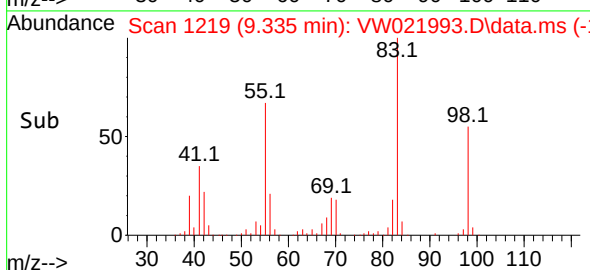
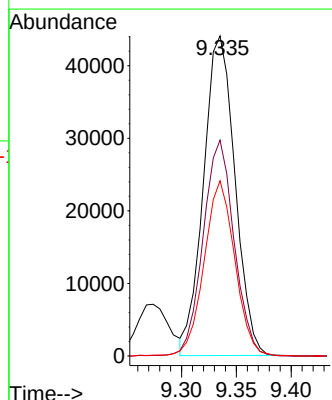
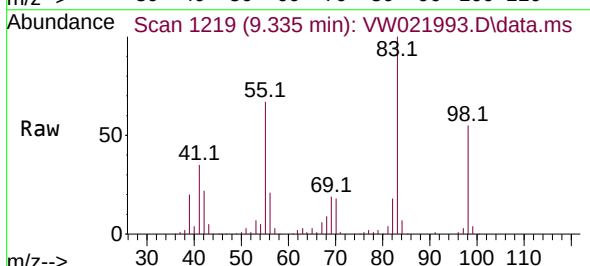
Tgt Ion: 83 Resp: 88075

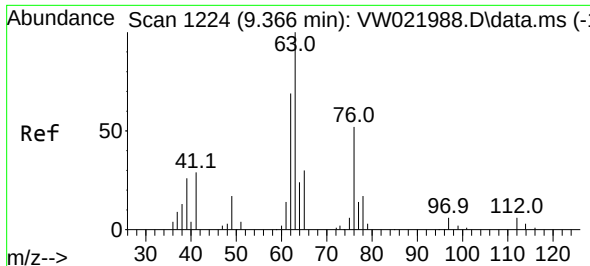
Ion Ratio Lower Upper

83 100

55 66.4 70.8 106.2#

98 53.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.698 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

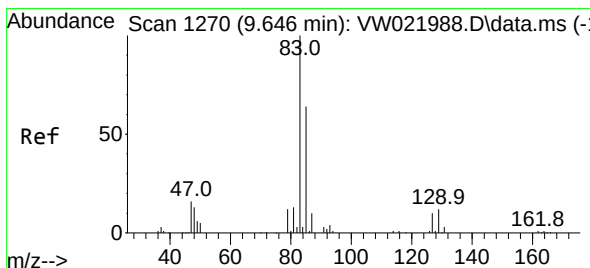
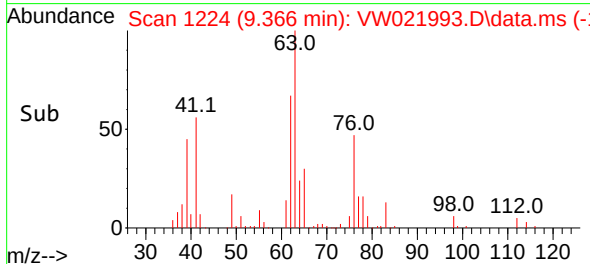
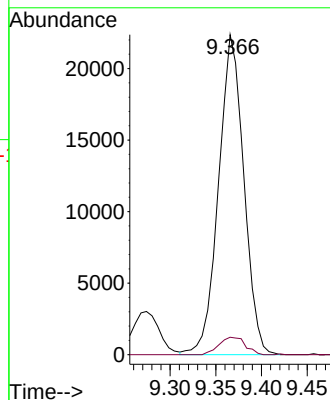
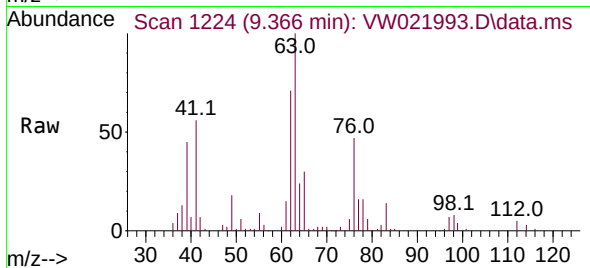
VSTD025545

Tgt Ion: 63 Resp: 43036

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.190 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

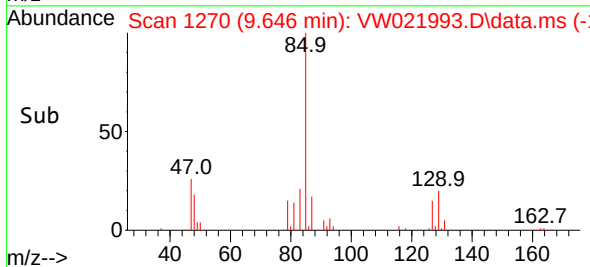
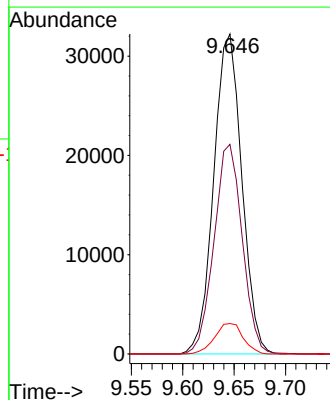
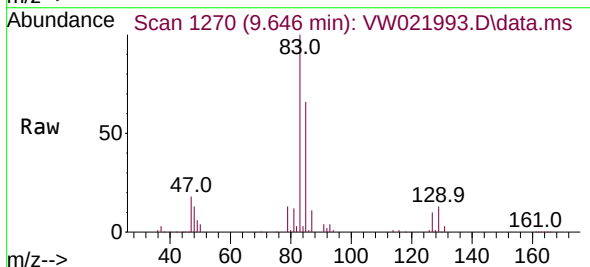
Tgt Ion: 83 Resp: 61226

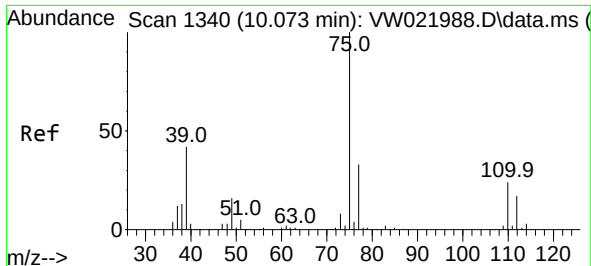
Ion Ratio Lower Upper

83 100

85 65.5 44.1 81.9

127 9.5 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.932 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

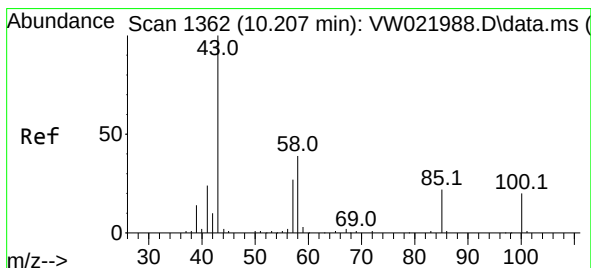
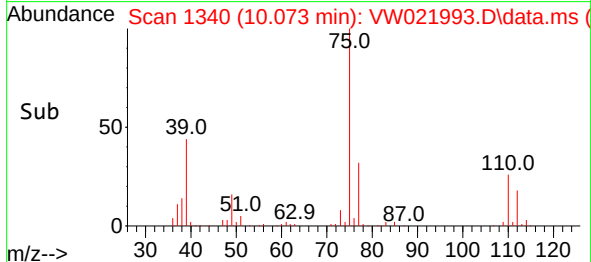
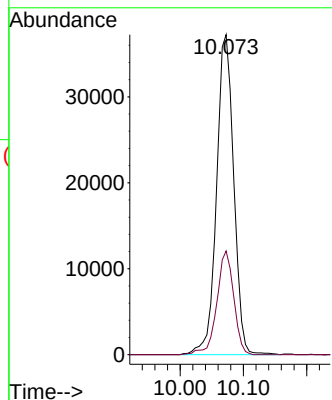
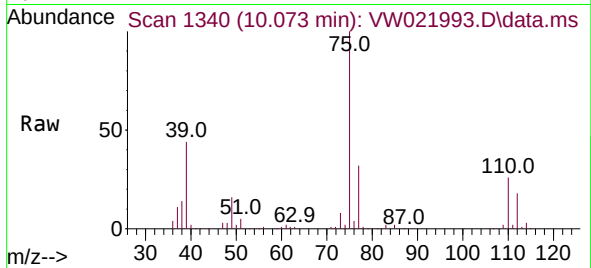
VSTD025545

Tgt Ion: 75 Resp: 70082

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.162 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

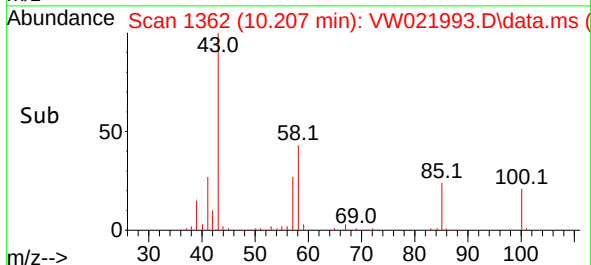
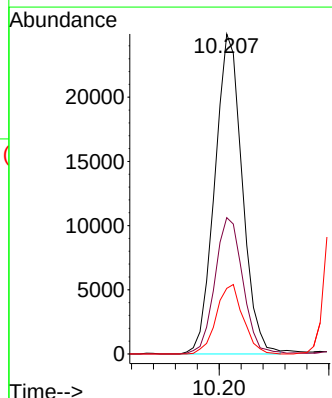
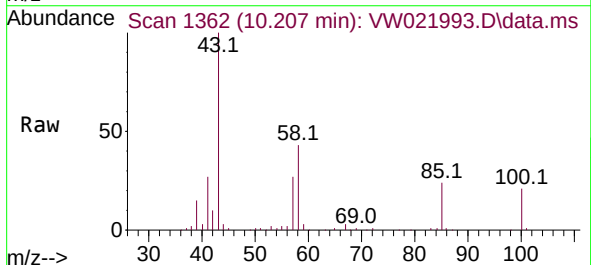
Tgt Ion: 43 Resp: 43395

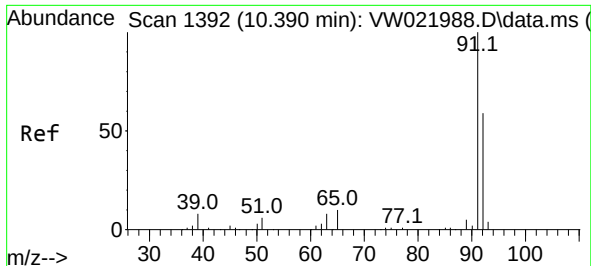
Ion Ratio Lower Upper

43 100

58 43.3 28.8 43.2#

100 21.1 10.0 15.0#

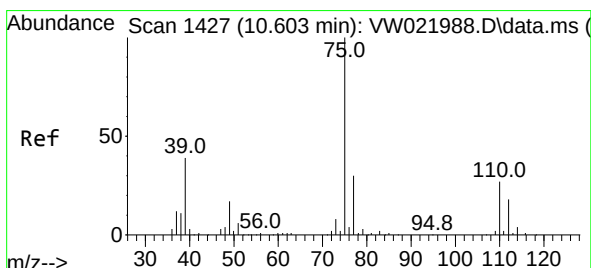
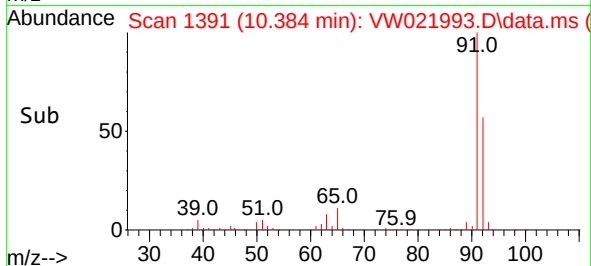
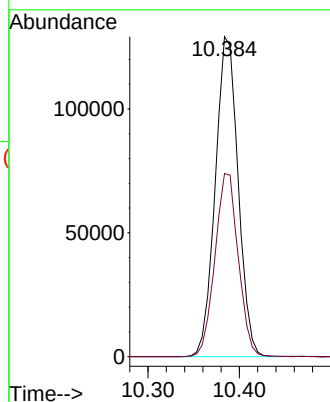
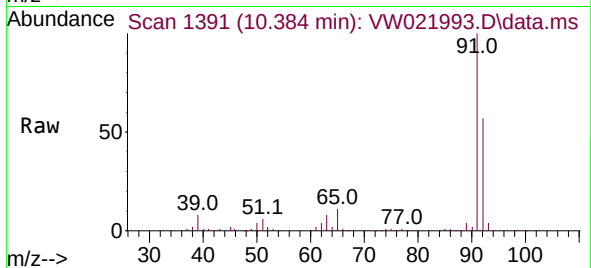




#42
Toluene
Concen: 26.084 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

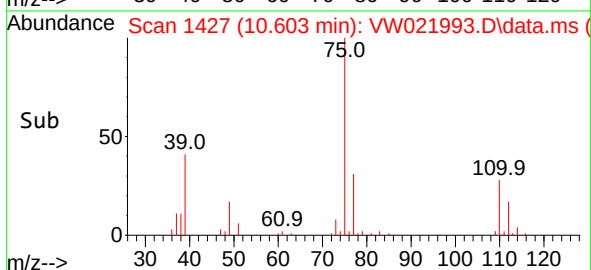
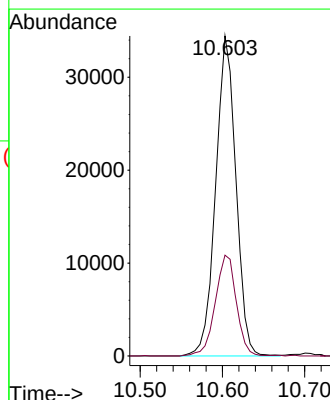
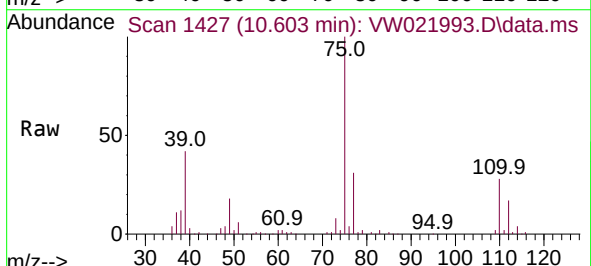
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

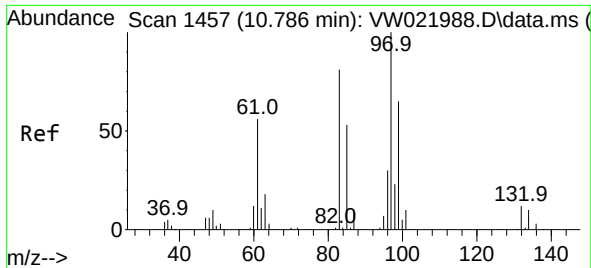
Tgt Ion: 91 Resp: 224886
Ion Ratio Lower Upper
91 100
92 57.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 27.076 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion: 75 Resp: 58971
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2

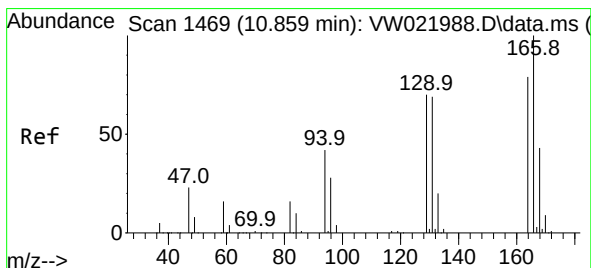
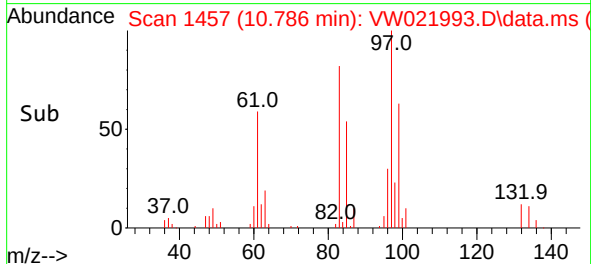
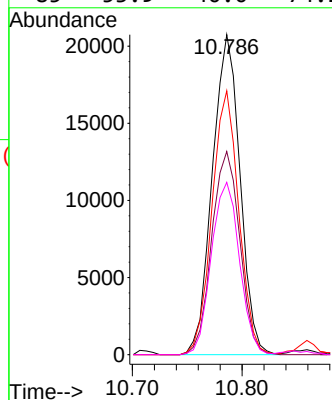
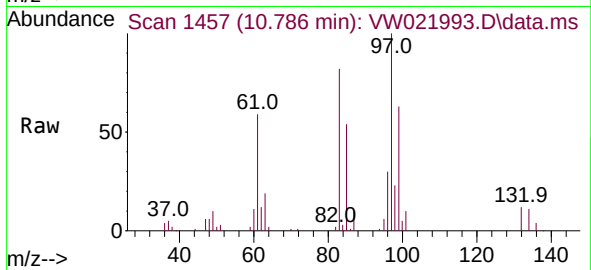




#45
1,1,2-Trichloroethane
Concen: 25.627 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

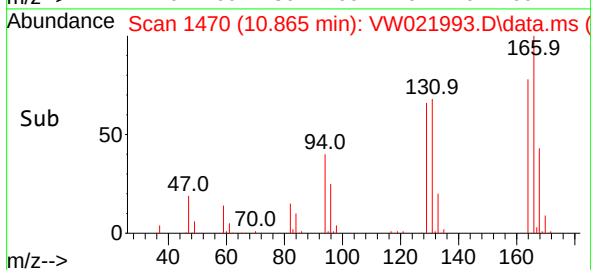
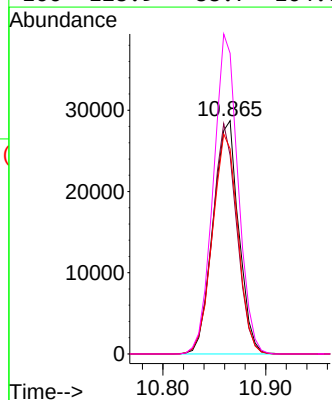
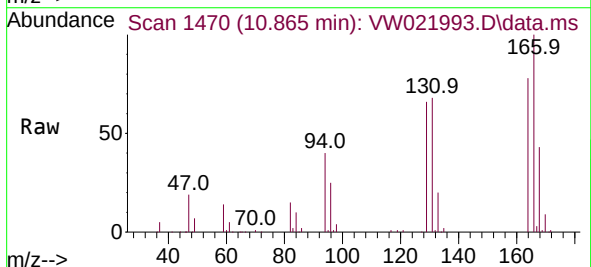
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

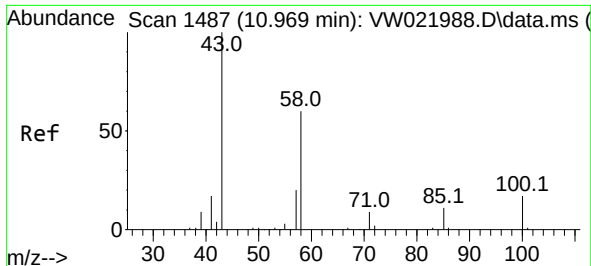
Tgt Ion:	97	Resp:	36438
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.0	79.8
83	82.5	62.6	116.3
85	53.9	40.0	74.2



#46
Tetrachloroethene
Concen: 22.514 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion:	164	Resp:	49653
Ion	Ratio	Lower	Upper
164	100		
129	85.1	65.5	121.7
131	87.9	59.7	110.9
166	128.9	88.7	164.7

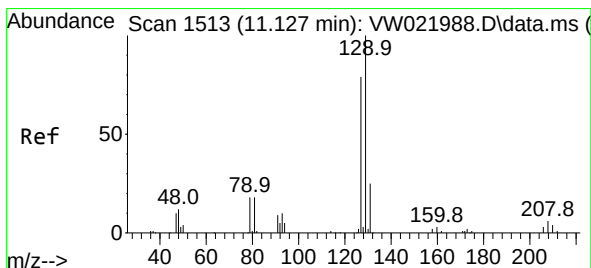
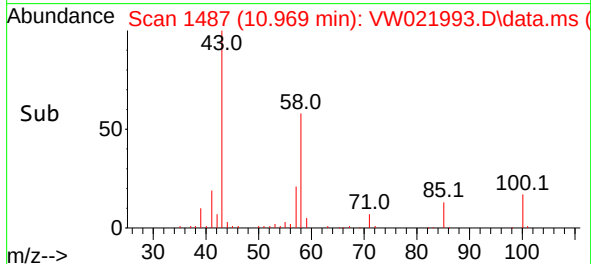
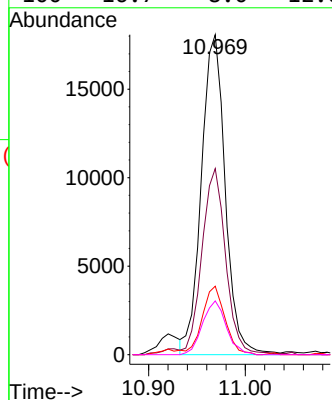
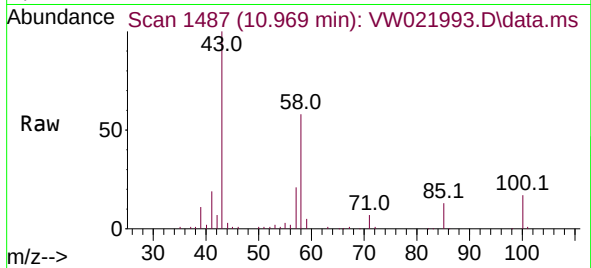




#48
2-Hexanone
Concen: 57.814 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

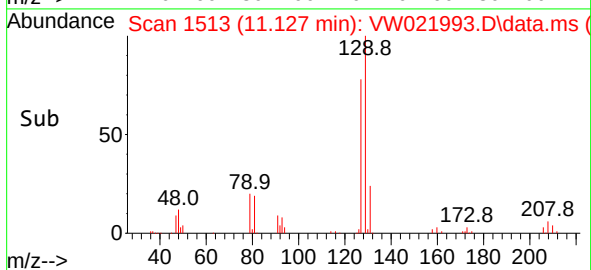
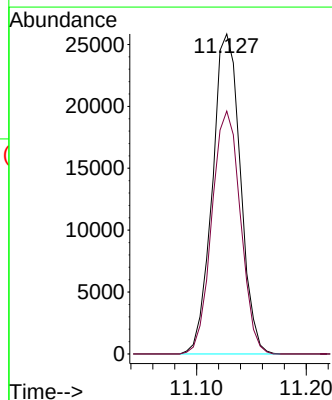
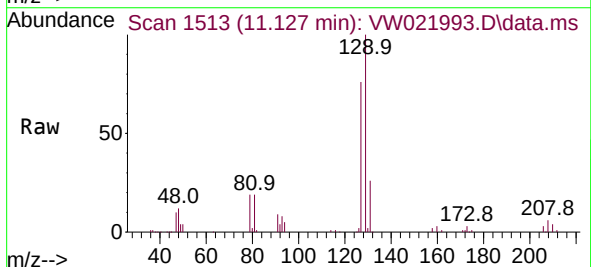
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

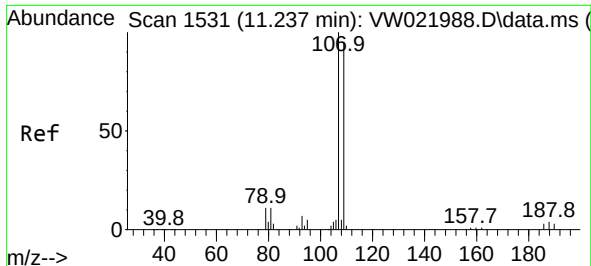
Tgt Ion:	43	Resp:	31119
Ion	Ratio	Lower	Upper
43	100		
58	57.8	40.2	60.2
57	20.1	14.3	21.5
100	16.7	8.0	12.0



#49
Dibromochloromethane
Concen: 25.618 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion:	129	Resp:	45897
Ion	Ratio	Lower	Upper
129	100		
127	75.9	55.7	103.5





#50

1,2-Dibromoethane

Concen: 25.901 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

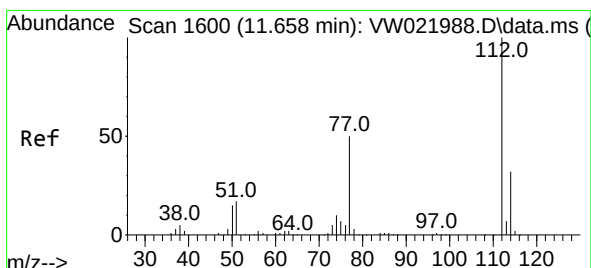
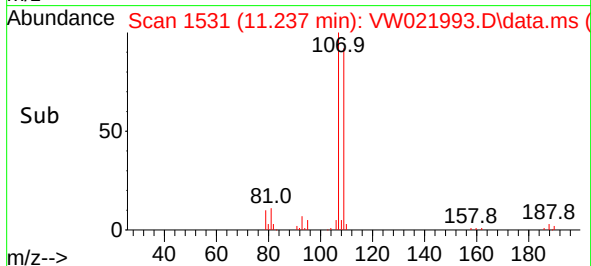
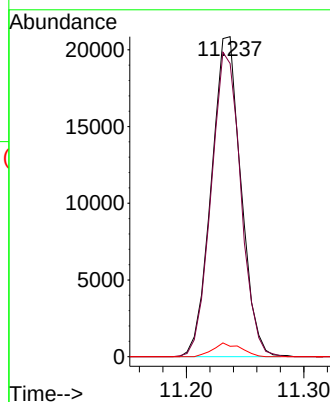
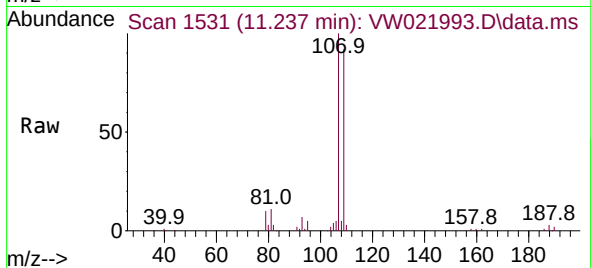
Tgt Ion:107 Resp: 36556

Ion Ratio Lower Upper

107 100

109 91.6 64.1 119.1

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 24.583 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

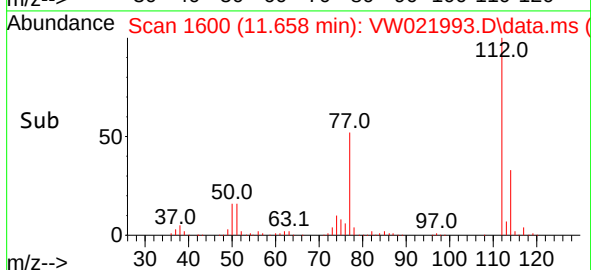
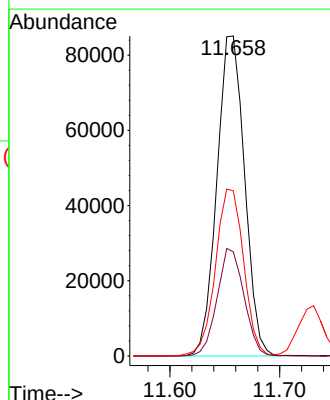
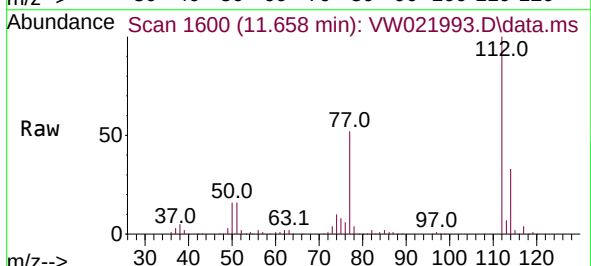
Tgt Ion:112 Resp: 149650

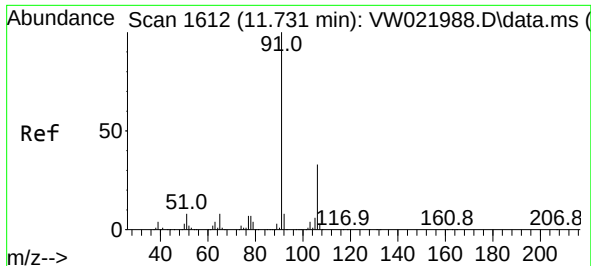
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 51.6 50.2 75.4

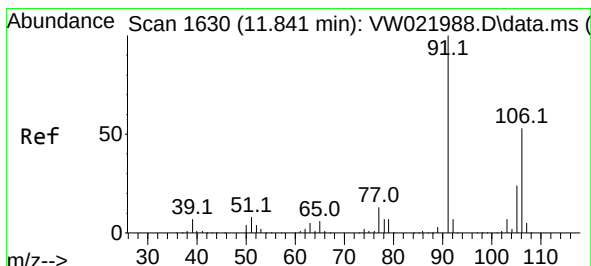
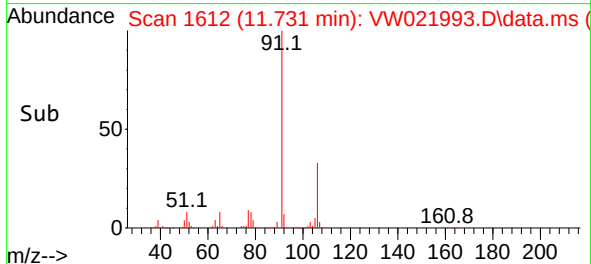
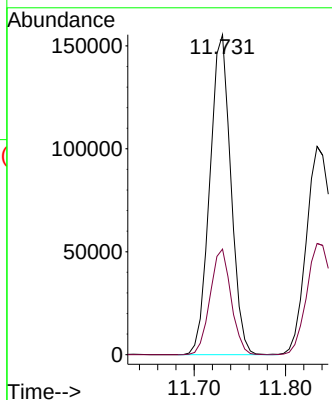
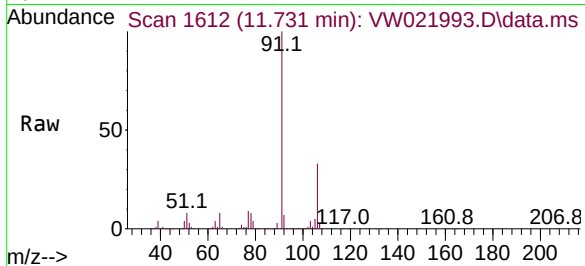




#52
Ethylbenzene
Concen: 25.962 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

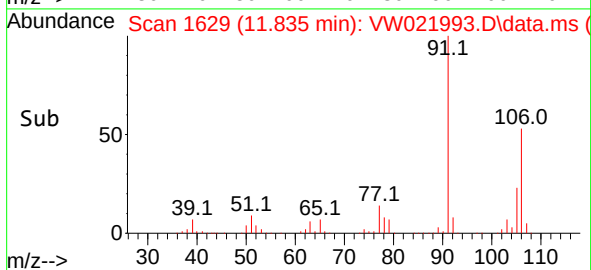
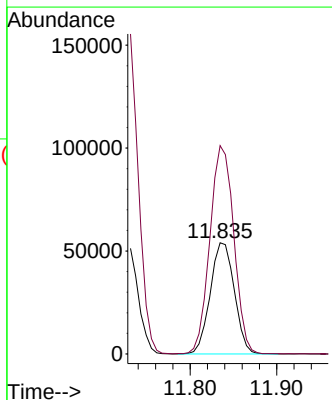
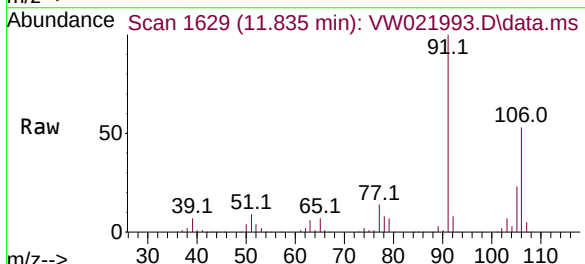
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

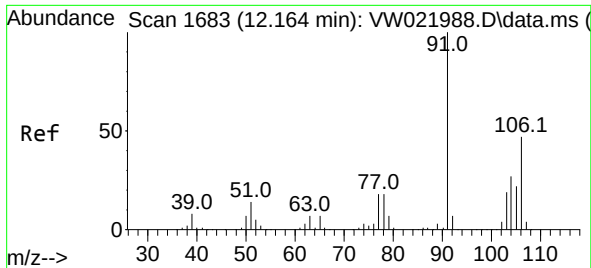
Tgt Ion: 91 Resp: 248657
Ion Ratio Lower Upper
91 100
106 33.0 21.5 39.9



#53
m,p-Xylene
Concen: 26.092 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion: 106 Resp: 104497
Ion Ratio Lower Upper
106 100
91 187.3 149.9 278.3

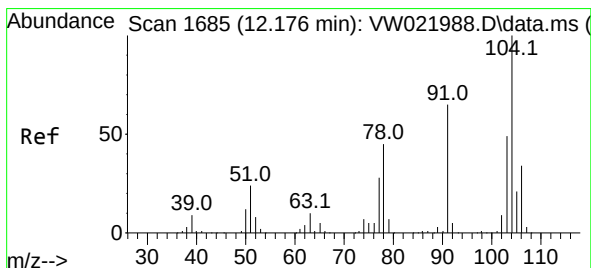
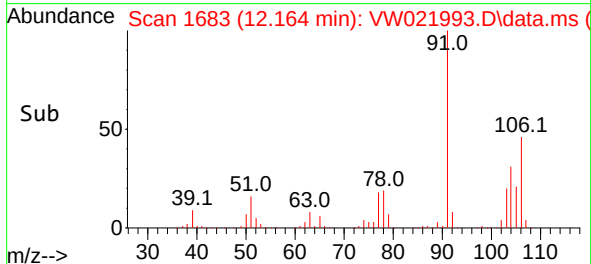
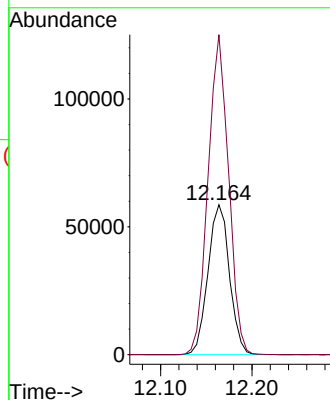
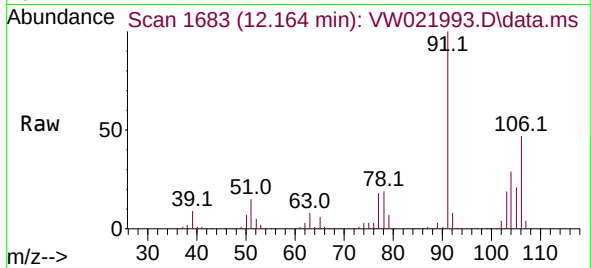




#54
o-Xylene
Concen: 25.739 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

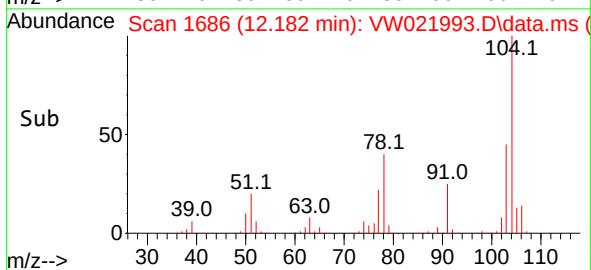
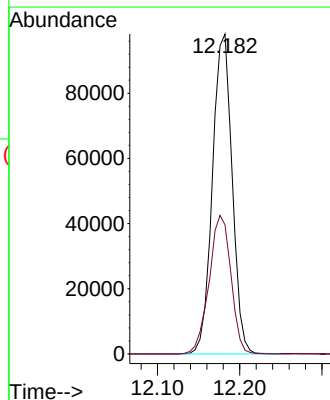
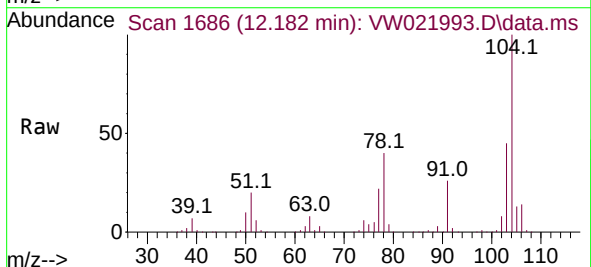
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

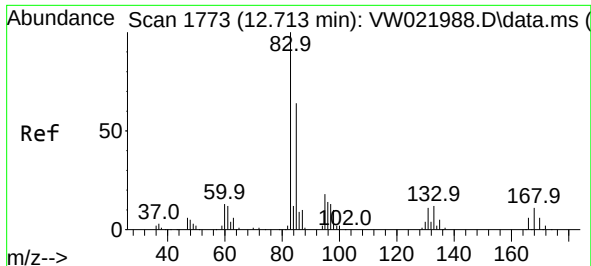
Tgt Ion:106 Resp: 95701
Ion Ratio Lower Upper
106 100
91 213.5 153.6 285.3



#55
Styrene
Concen: 26.625 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion:104 Resp: 163430
Ion Ratio Lower Upper
104 100
78 40.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.095 ug/L

RT: 12.712 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

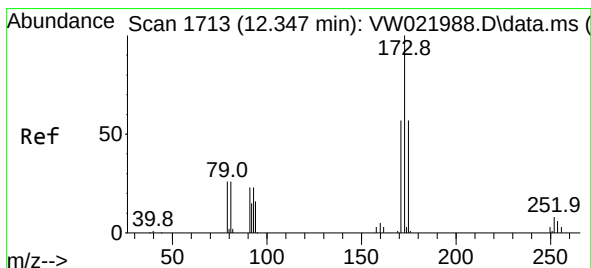
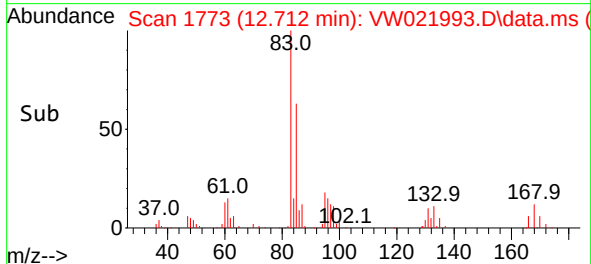
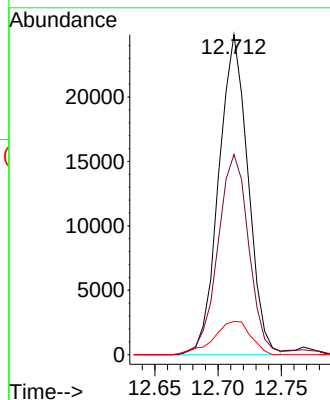
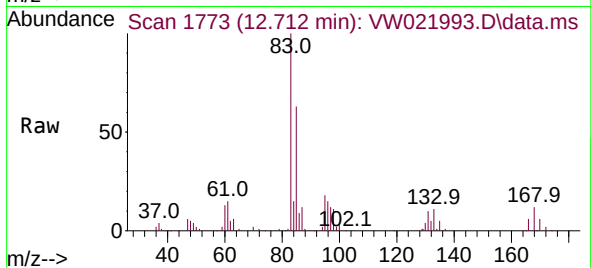
Tgt Ion: 83 Resp: 39920

Ion Ratio Lower Upper

83 100

85 62.5 44.0 81.6

131 10.4 6.9 10.3#



#59

Bromoform

Concen: 25.565 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

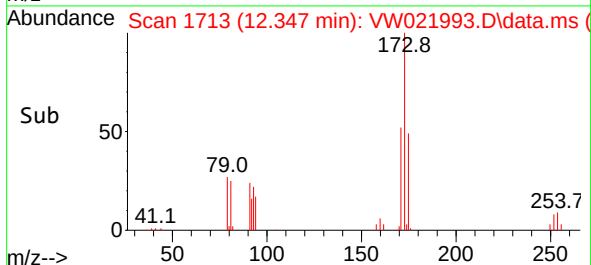
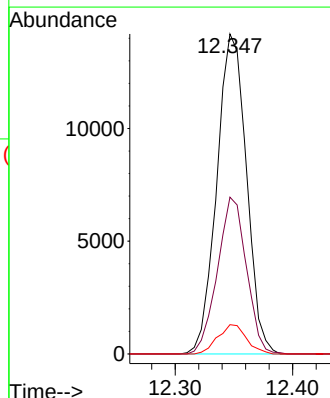
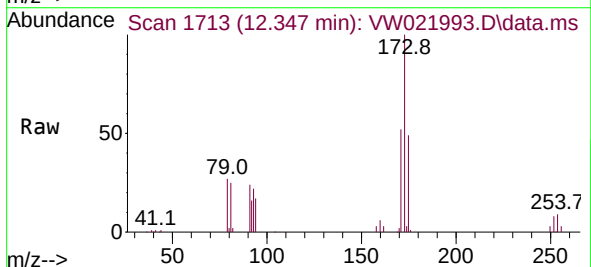
Tgt Ion:173 Resp: 24880

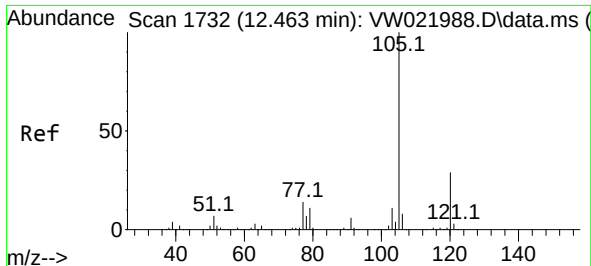
Ion Ratio Lower Upper

173 100

175 47.9 39.6 59.4

254 8.8 7.4 11.0

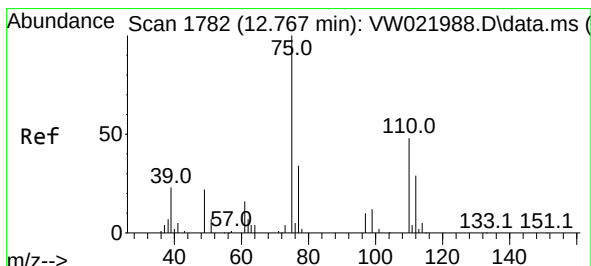
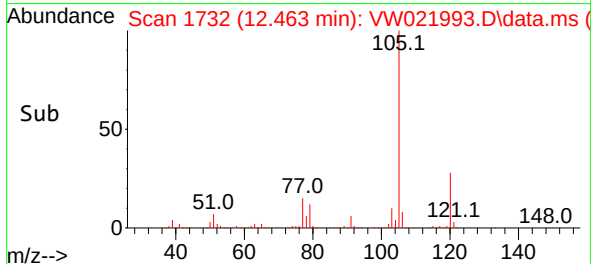
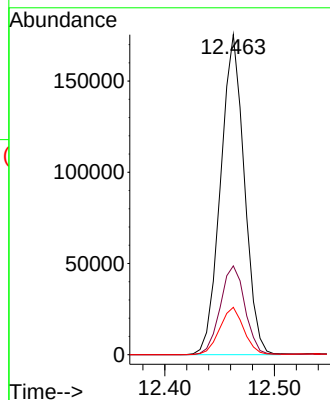
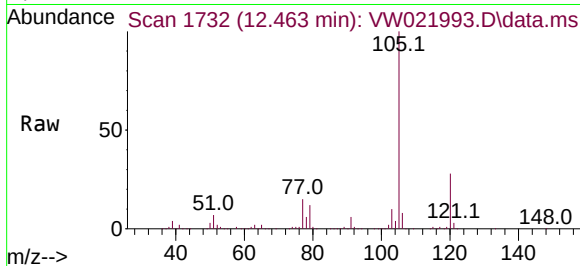




#60
Isopropylbenzene
Concen: 27.162 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

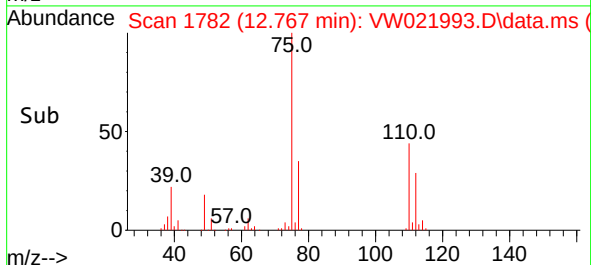
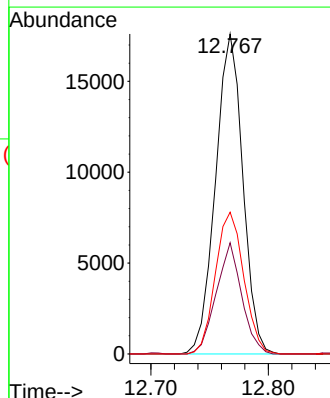
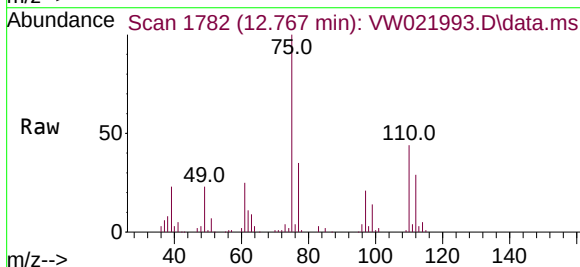
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

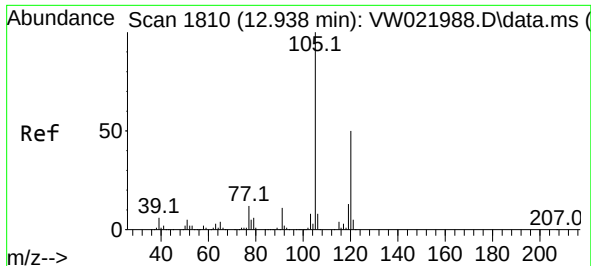
Tgt Ion:105 Resp: 264032
Ion Ratio Lower Upper
105 100
120 28.8 20.1 30.1
77 15.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 27.884 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion: 75 Resp: 28445
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 45.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 27.723 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

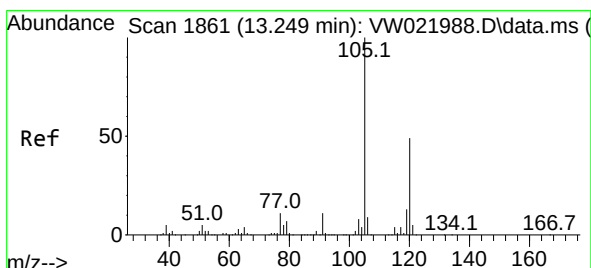
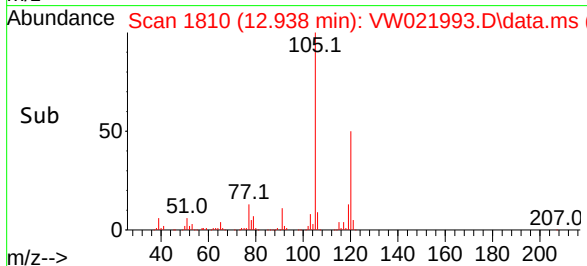
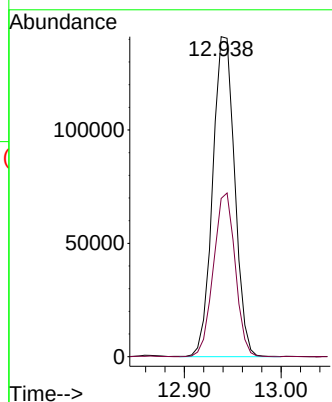
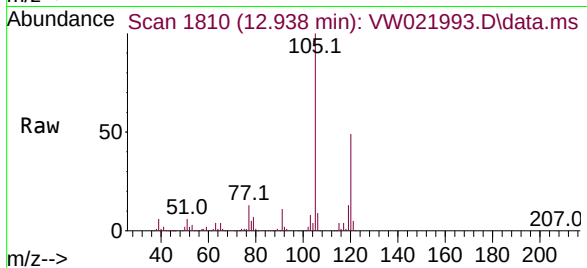
VSTD025545

Tgt Ion:105 Resp: 223156

Ion Ratio Lower Upper

105 100

120 50.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 27.765 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021993.D

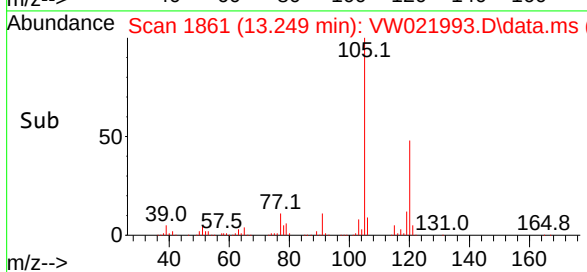
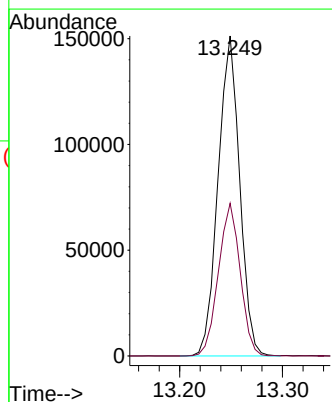
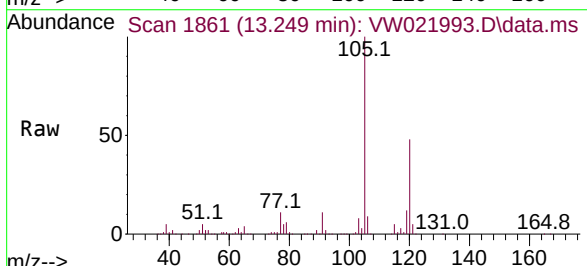
Acq: 18 Jan 2022 12:28

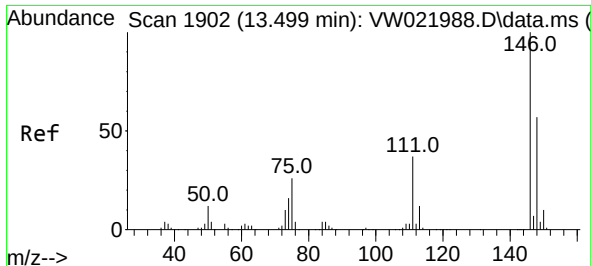
Tgt Ion:105 Resp: 220417

Ion Ratio Lower Upper

105 100

120 48.1 35.0 52.6

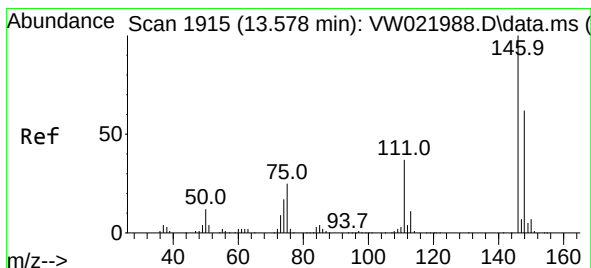
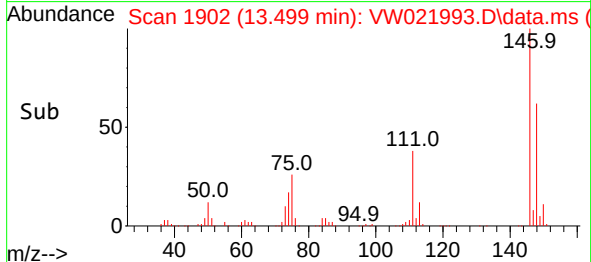
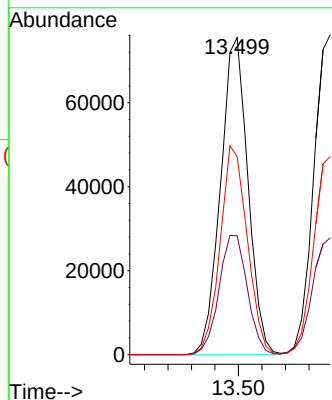
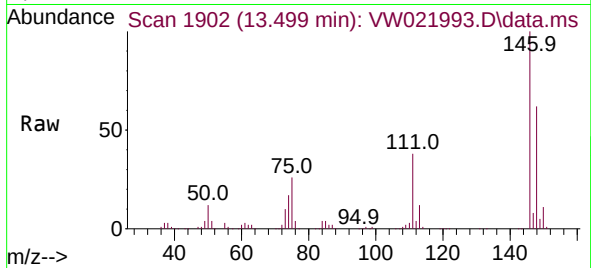




#64
1,3-Dichlorobenzene
Concen: 25.012 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

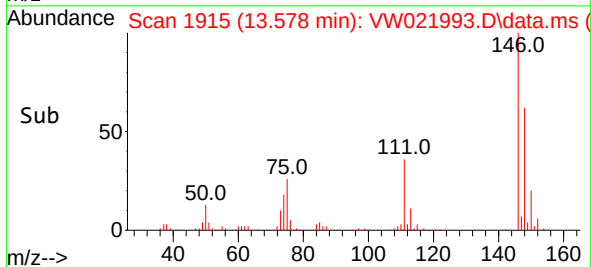
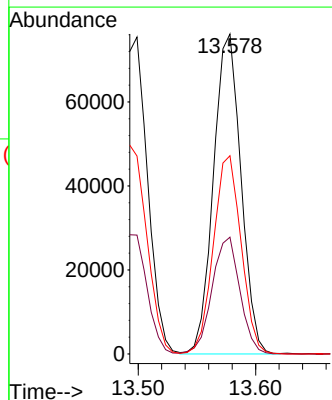
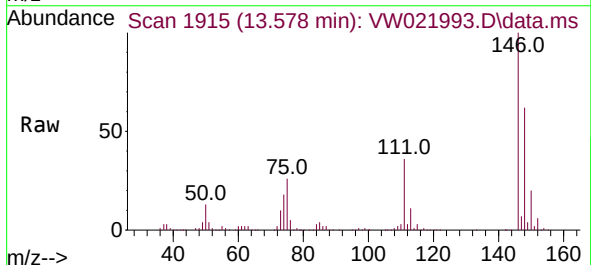
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

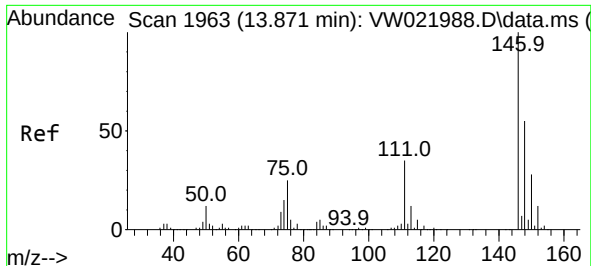
Tgt Ion:146 Resp: 122237
Ion Ratio Lower Upper
146 100
111 37.5 29.8 55.3
148 62.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.706 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion:146 Resp: 124045
Ion Ratio Lower Upper
146 100
111 36.5 29.0 53.9
148 62.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.507 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

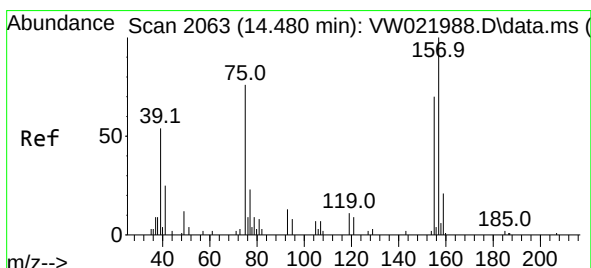
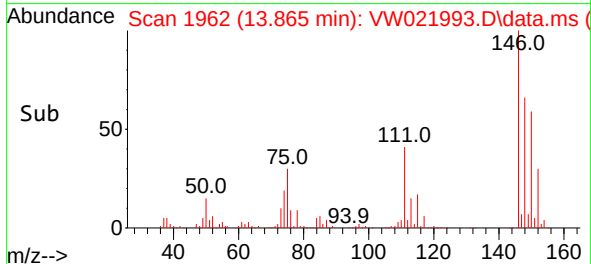
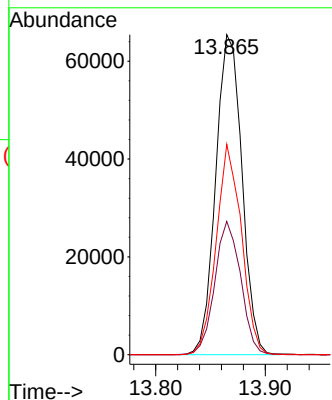
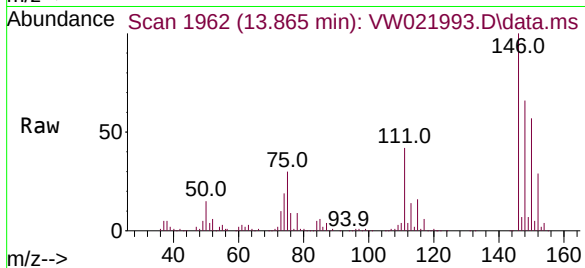
Tgt Ion:146 Resp: 109145

Ion Ratio Lower Upper

146 100

111 41.7 33.1 49.7

148 65.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.762 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

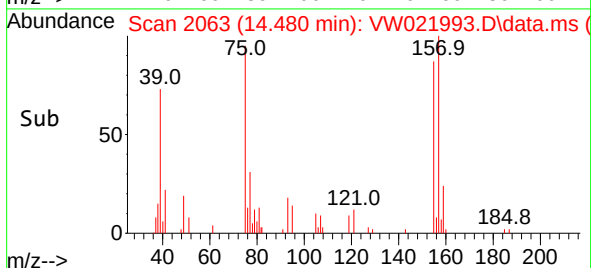
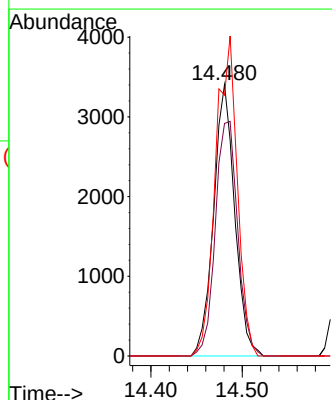
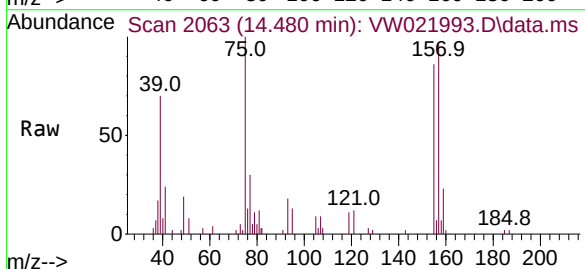
Tgt Ion: 75 Resp: 5469

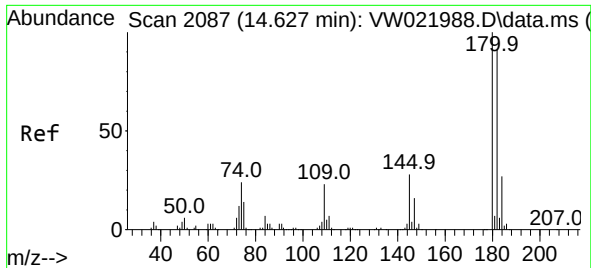
Ion Ratio Lower Upper

75 100

155 85.7 54.2 81.2#

157 96.2 69.4 104.2

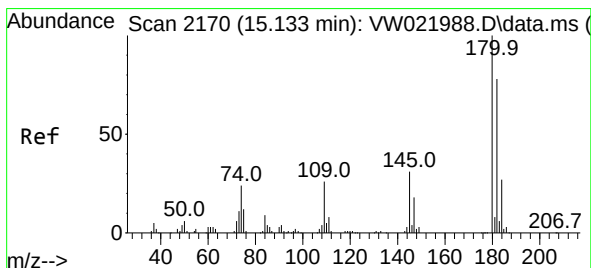
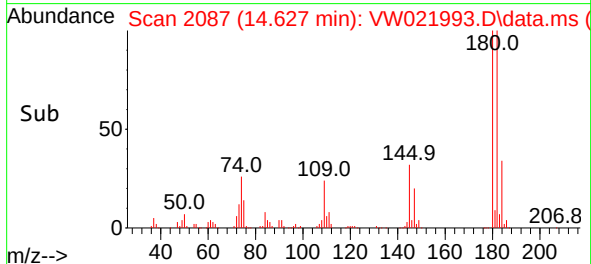
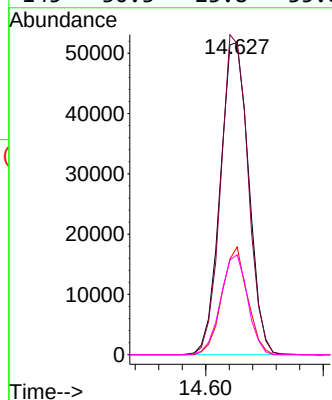
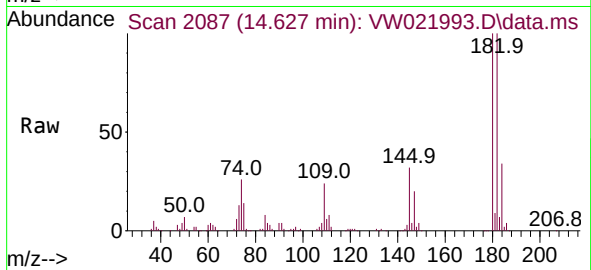




#69
1,3,5-Trichlorobenzene
Concen: 23.975 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

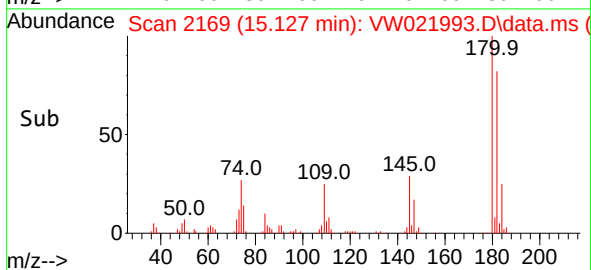
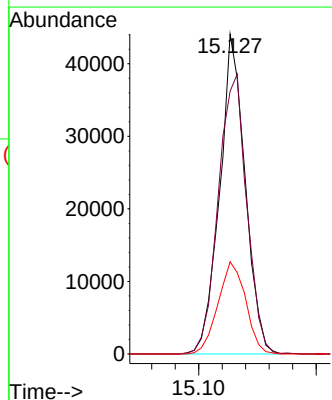
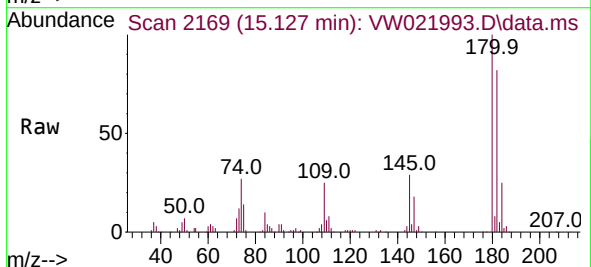
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

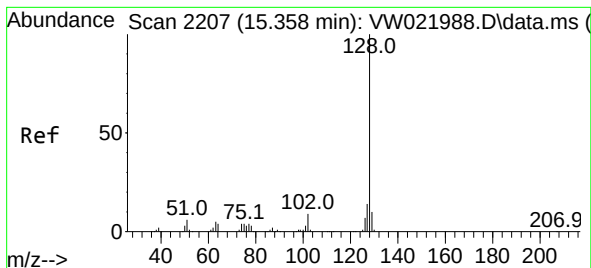
Tgt Ion:180	Resp:	87087
Ion Ratio	Lower	Upper
180	100	
182	98.3	75.4 113.0
184	30.9	23.8 35.8
145	30.3	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 22.939 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021993.D
Acq: 18 Jan 2022 12:28

Tgt Ion:180	Resp:	66392
Ion Ratio	Lower	Upper
180	100	
182	97.3	79.0 118.6
145	31.3	26.0 39.0





#71

Naphthalene

Concen: 25.937 ug/L

RT: 15.364 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

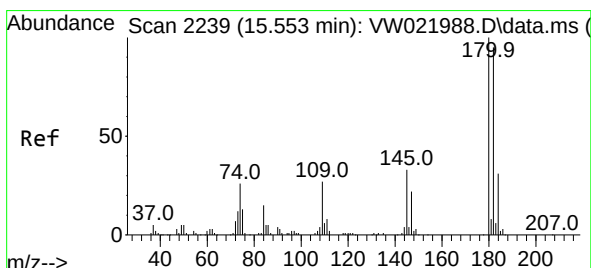
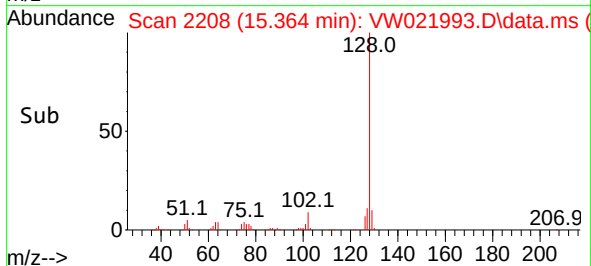
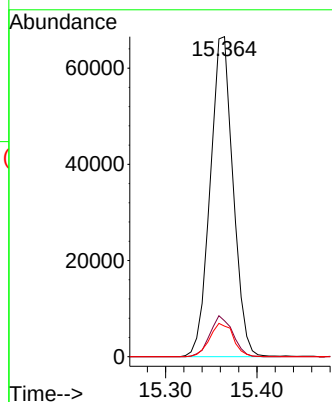
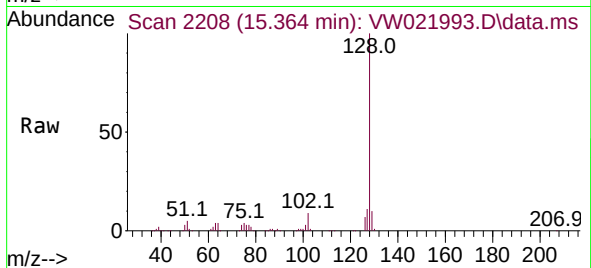
Tgt Ion:128 Resp: 115802

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.661 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW021993.D

Acq: 18 Jan 2022 12:28

Tgt Ion:180 Resp: 56554

Ion Ratio Lower Upper

180 100

182 88.4 76.6 114.8

145 32.7 27.4 41.0

