

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022380.D
 Acq On : 01 Apr 2022 20:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Apr 02 02:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 02 02:06:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252245	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	249625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138082	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	92433	22.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
7) Chloroethane-d5	2.885	69	60731	24.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.440%
11) 1,1-Dichloroethene-d2	4.032	63	128705	20.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.920%
21) 2-Butanone-d5	7.074	46	49377	48.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.760%
24) Chloroform-d	7.647	84	164439	23.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	8.305	65	102077	24.544	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.160%
32) Benzene-d6	8.275	84	320836	23.405	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.031	67	65	0.016	ug/L	-0.24
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.080%#
41) Toluene-d8	10.323	98	319837	24.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	10.573	79	49711	24.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.080%
47) 2-Hexanone-d5	10.921	63	43443	51.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.060%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	92032	26.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	105816	23.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	19246	14.497	ug/L	97
3) Chloromethane	2.215	50	63027	20.552	ug/L	100
5) Vinyl chloride	2.361	62	123720	24.693	ug/L	99
6) Bromomethane	2.776	94	58577	22.703	ug/L	91
8) Chloroethane	2.922	64	53232	25.548	ug/L	99
9) Trichlorofluoromethane	3.251	101	34979	23.578	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	74559	21.990	ug/L	95
12) 1,1-Dichloroethene	4.050	96	70013	22.032	ug/L	85
13) Acetone	4.117	43	31847	46.040	ug/L	88
14) Carbon disulfide	4.385	76	228634	22.805	ug/L	95
15) Methyl Acetate	4.672	43	43127	23.901	ug/L	90
16) Methylene chloride	4.916	84	83968	22.230	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	85803	22.796	ug/L	84
18) Methyl tert-butyl Ether	5.434	73	158632	24.180	ug/L	# 92
19) 1,1-Dichloroethane	6.220	63	158725	22.964	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	93519	23.330	ug/L	74
22) 2-Butanone	7.171	43	56978	52.221	ug/L	89
23) Bromochloromethane	7.513	128	43554	24.769	ug/L	# 65
25) Chloroform	7.677	83	167600	23.754	ug/L	98

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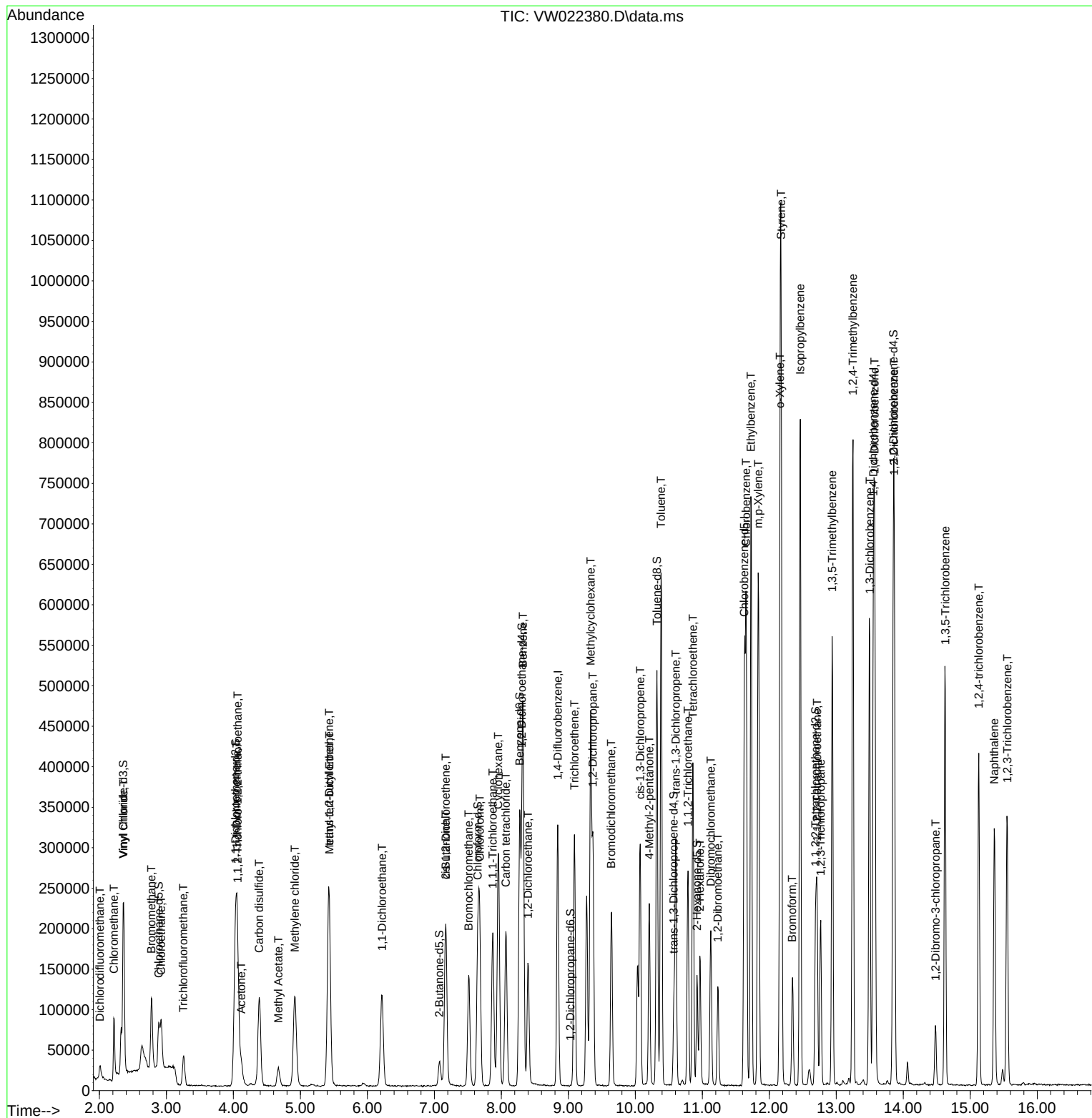
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	133925	25.280	ug/L	96
29) Cyclohexane	7.952	56	156069	22.965	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	143160	23.263	ug/L #	94
31) Carbon tetrachloride	8.067	117	129658	23.390	ug/L	100
33) Benzene	8.323	78	395819	24.702	ug/L	100
34) Trichloroethene	9.092	95	100809	24.220	ug/L	92
35) Methylcyclohexane	9.335	83	175848	23.999	ug/L	90
37) 1,2-Dichloropropane	9.366	63	97671	24.597	ug/L	98
38) Bromodichloromethane	9.640	83	135515	24.469	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	156511	24.106	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	144744	51.837	ug/L #	90
42) Toluene	10.384	91	444018	24.913	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	150775	25.074	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	75913	25.562	ug/L	92
46) Tetrachloroethene	10.860	164	74049	24.810	ug/L	92
48) 2-Hexanone	10.963	43	104116	52.817	ug/L #	93
49) Dibromochloromethane	11.128	129	90361	24.578	ug/L	97
50) 1,2-Dibromoethane	11.231	107	74133	24.579	ug/L	97
51) Chlorobenzene	11.652	112	270615	24.558	ug/L #	88
52) Ethylbenzene	11.725	91	497568	25.171	ug/L	94
53) m,p-Xylene	11.835	106	187678	24.874	ug/L	89
54) o-Xylene	12.158	106	180204	24.656	ug/L	88
55) Styrene	12.176	104	321661	25.338	ug/L	82
57) 1,1,2,2-Tetrachloroethane	12.713	83	103189	27.133	ug/L #	98
59) Bromoform	12.341	173	53599	26.051	ug/L	99
60) Isopropylbenzene	12.463	105	505599	24.378	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	76054	25.343	ug/L	91
62) 1,3,5-Trimethylbenzene	12.938	105	278984	24.125	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	416360	23.989	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	206096	25.071	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	209420	24.277	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	194007	25.653	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17880	23.120	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	130483	23.436	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	110236	24.149	ug/L	97
71) Naphthalene	15.359	128	258384	24.417	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	96810	24.213	ug/L	97

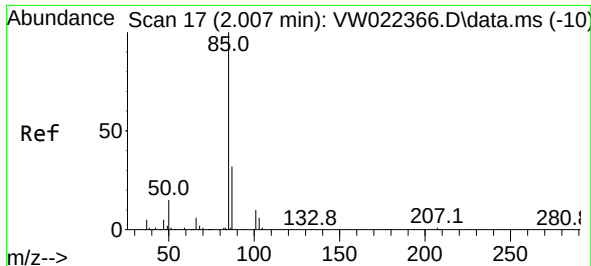
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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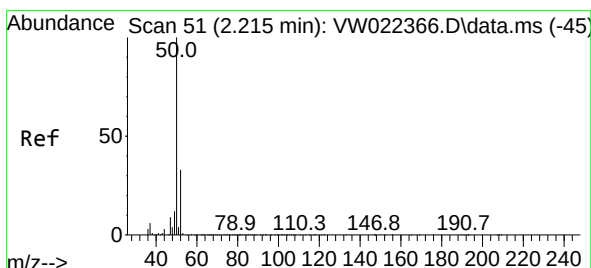
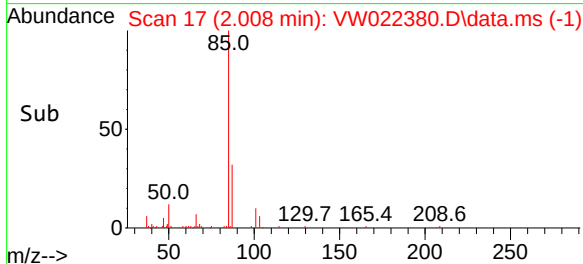
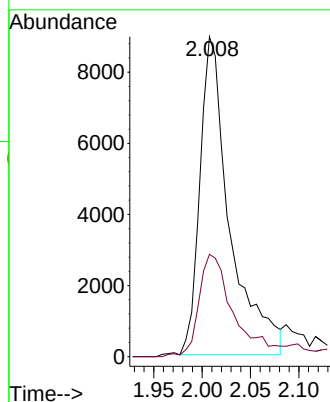
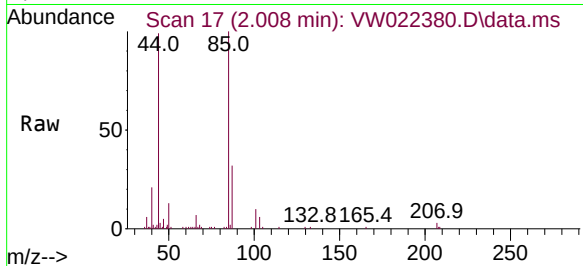




#2
 Dichlorodifluoromethane
 Concen: 14.497 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022380.D
 Acq: 01 Apr 2022 20:44

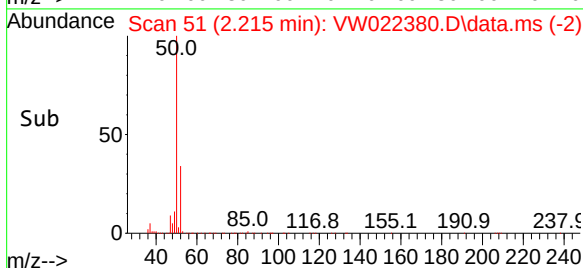
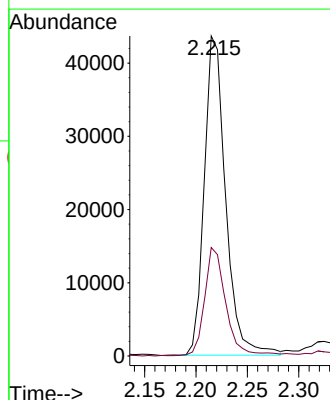
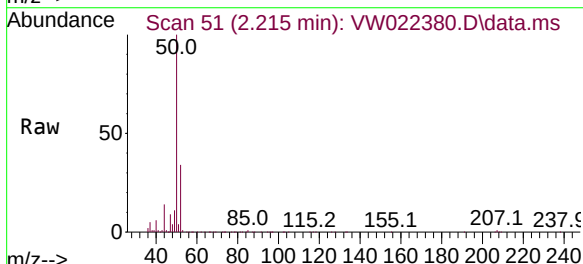
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

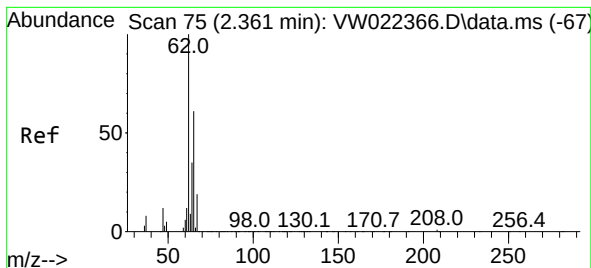
Tgt Ion: 85 Resp: 19246
 Ion Ratio Lower Upper
 85 100
 87 32.5 27.6 41.4



#3
 Chloromethane
 Concen: 20.552 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022380.D
 Acq: 01 Apr 2022 20:44

Tgt Ion: 50 Resp: 63027
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.9 44.5





#5

Vinyl chloride

Concen: 24.693 ug/L

RT: 2.361 min Scan# 75

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

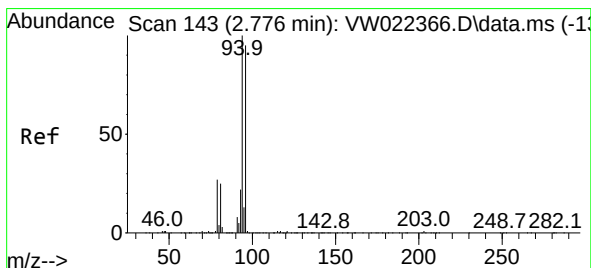
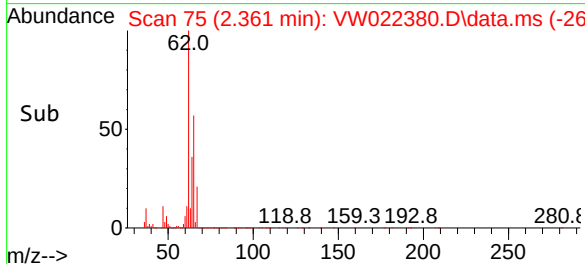
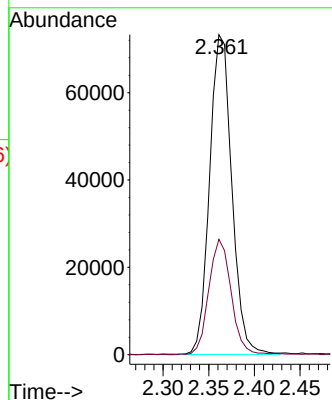
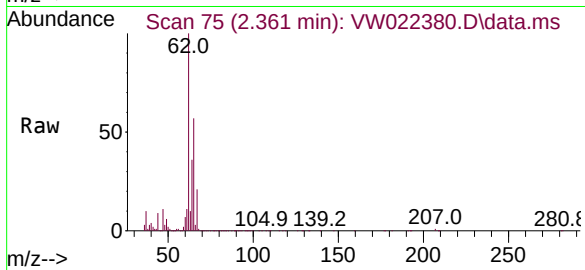
VSTD025590

Tgt Ion: 62 Resp: 123720

Ion Ratio Lower Upper

62 100

64 36.0 24.7 45.9



#6

Bromomethane

Concen: 22.703 ug/L

RT: 2.776 min Scan# 143

Delta R.T. 0.000 min

Lab File: VW022380.D

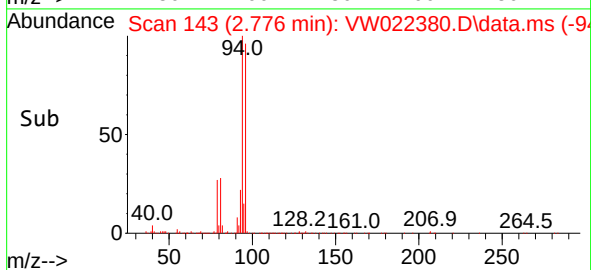
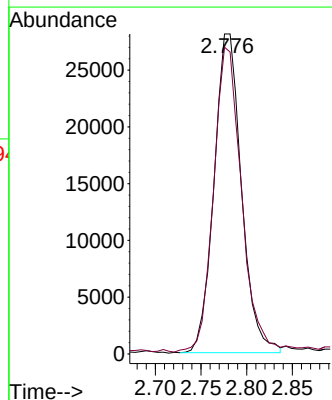
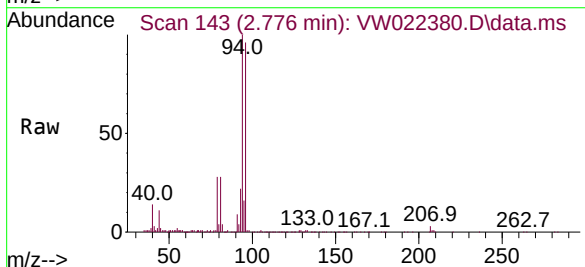
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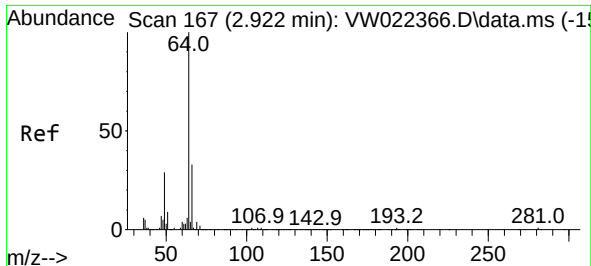
Tgt Ion: 94 Resp: 58577

Ion Ratio Lower Upper

94 100

96 95.9 61.2 113.8

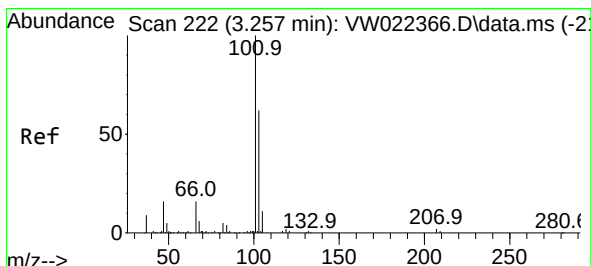
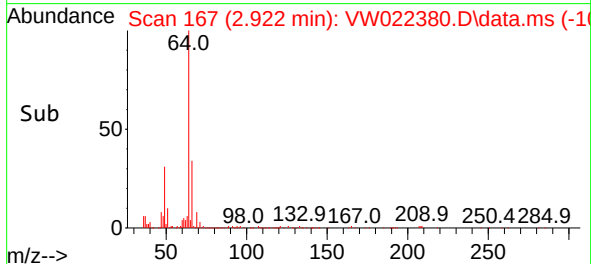
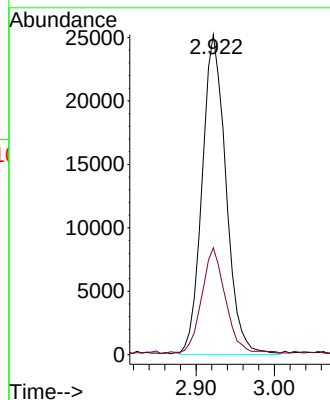
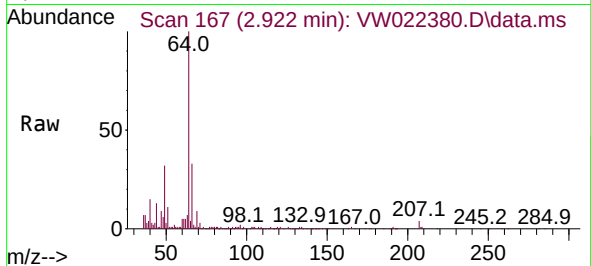




#8
Chloroethane
Concen: 25.548 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

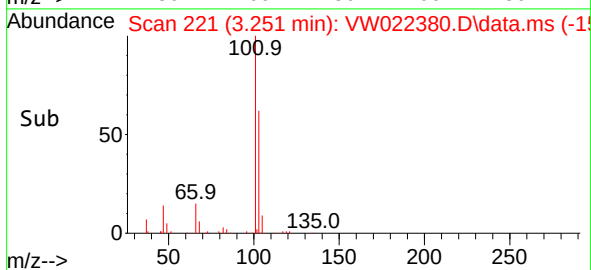
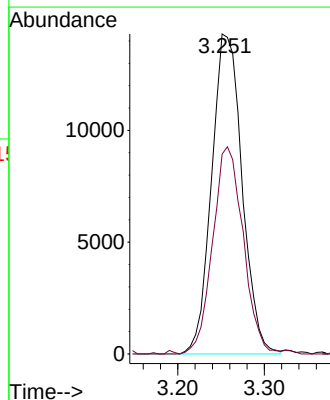
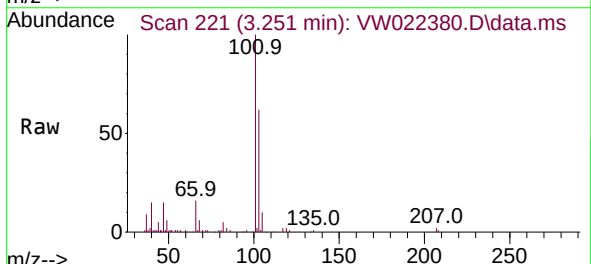
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VSTD025590

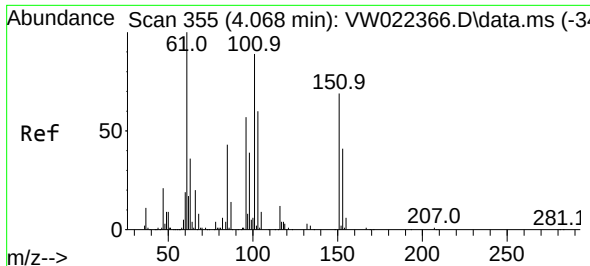
Tgt Ion: 64 Resp: 53232
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 23.578 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 101 Resp: 34979
Ion Ratio Lower Upper
101 100
103 64.8 53.2 79.8





#10

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

Concen: 21.990 ug/L

RT: 4.062 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

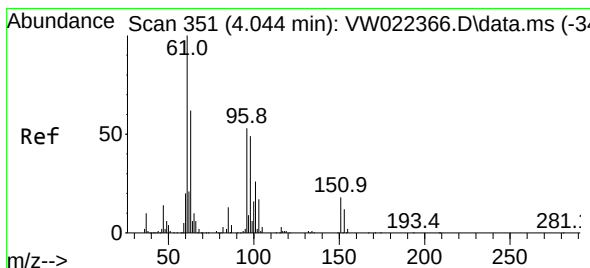
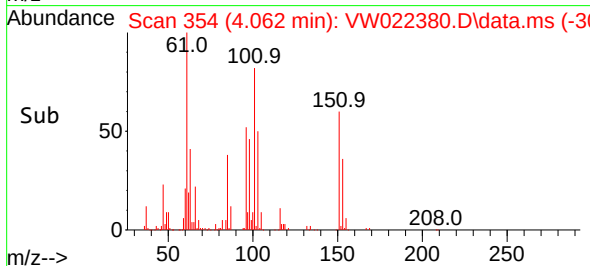
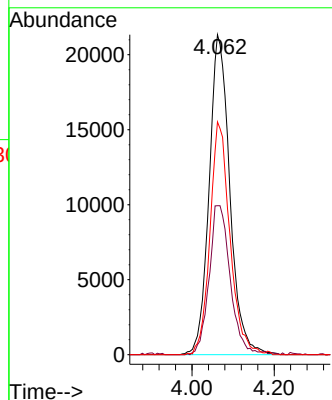
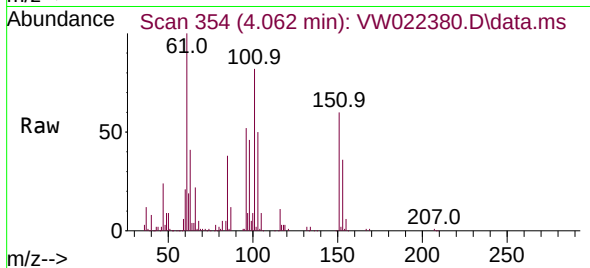
Tgt Ion:101 Resp: 74559

Ion Ratio Lower Upper

101 100

85 47.2 34.4 51.6

151 70.0 59.0 88.4



#12

1,1-Dichloroethene

Concen: 22.032 ug/L

RT: 4.050 min Scan# 352

Delta R.T. 0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

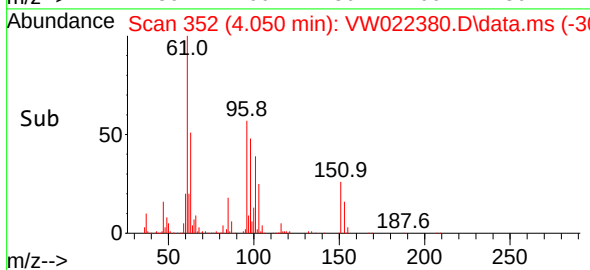
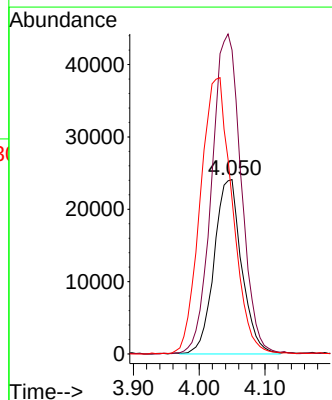
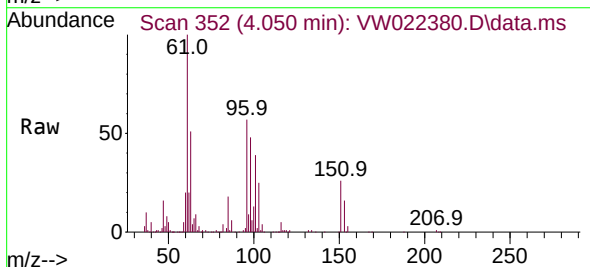
Tgt Ion: 96 Resp: 70013

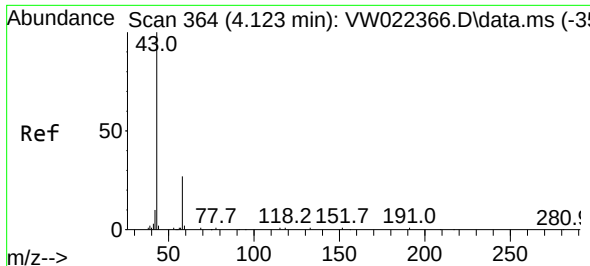
Ion Ratio Lower Upper

96 100

61 174.2 108.4 201.2

63 88.6 72.0 133.6





#13

Acetone

Concen: 46.040 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

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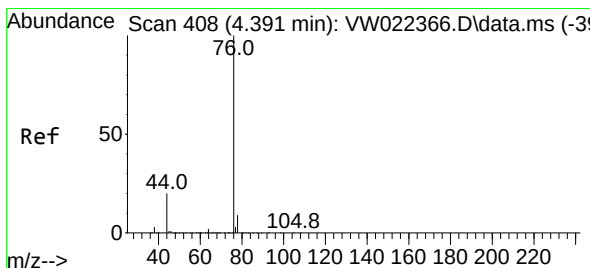
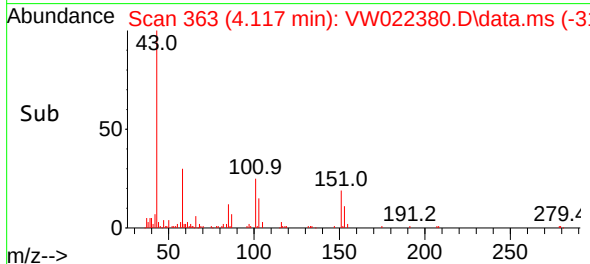
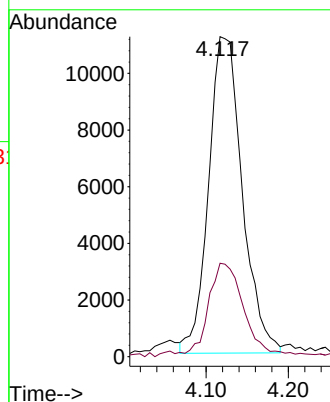
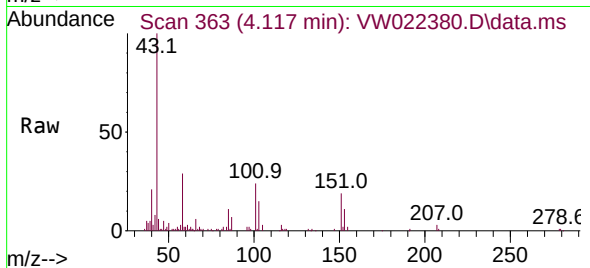
VSTD025590

Tgt Ion: 43 Resp: 31847

Ion Ratio Lower Upper

43 100

58 27.8 0.0 69.2



#14

Carbon disulfide

Concen: 22.805 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW022380.D

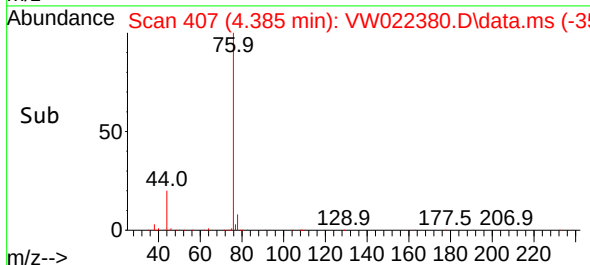
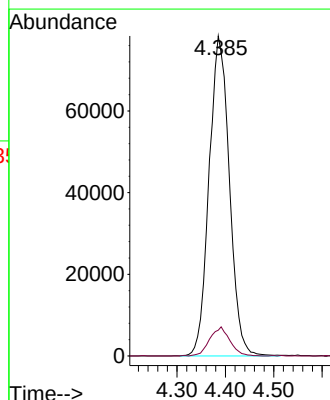
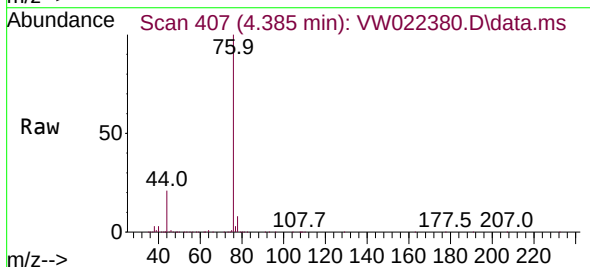
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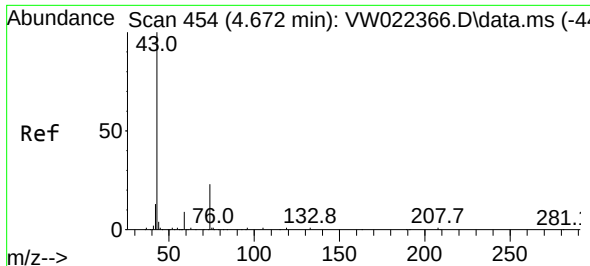
Tgt Ion: 76 Resp: 228634

Ion Ratio Lower Upper

76 100

78 8.1 7.8 11.8

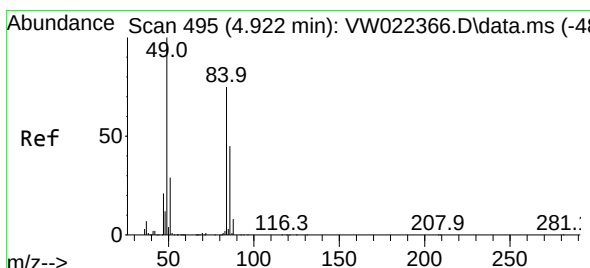
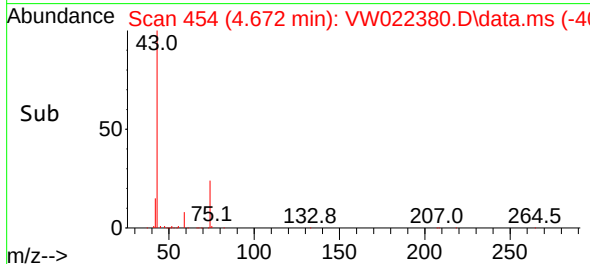
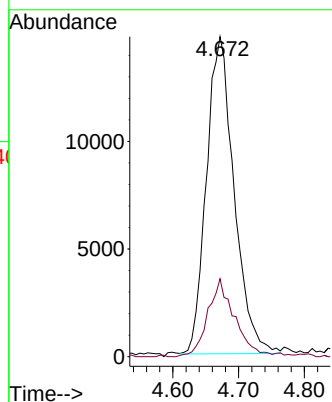
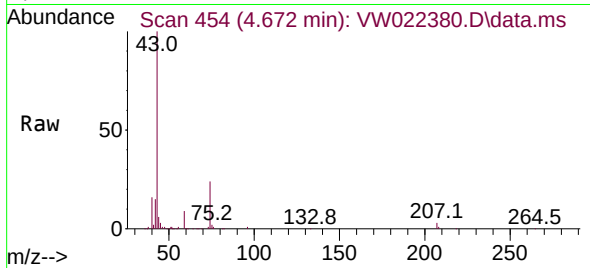




#15
Methyl Acetate
Concen: 23.901 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

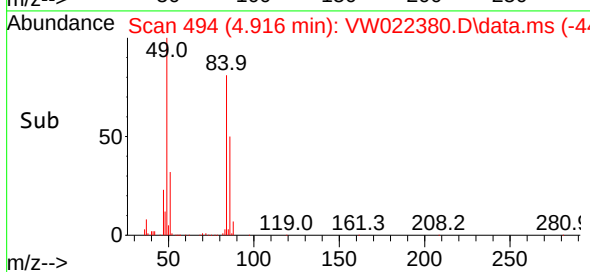
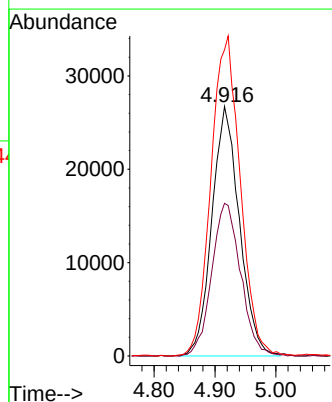
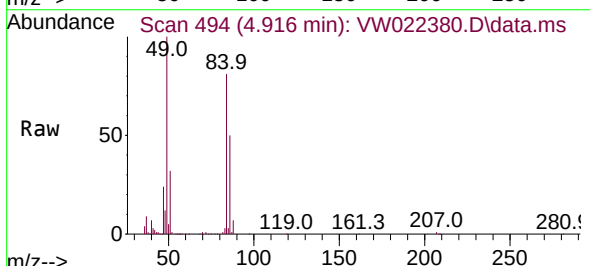
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

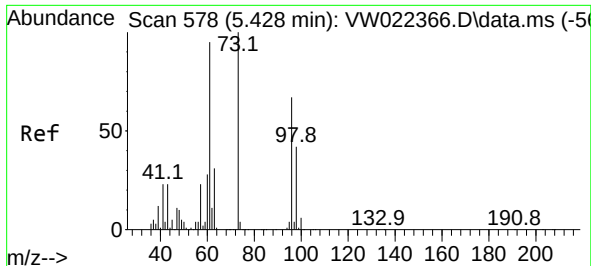
Tgt Ion: 43 Resp: 43127
Ion Ratio Lower Upper
43 100
74 23.3 23.0 34.6



#16
Methylene chloride
Concen: 22.230 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 84 Resp: 83968
Ion Ratio Lower Upper
84 100
86 61.2 45.8 85.0
49 122.7 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 22.796 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

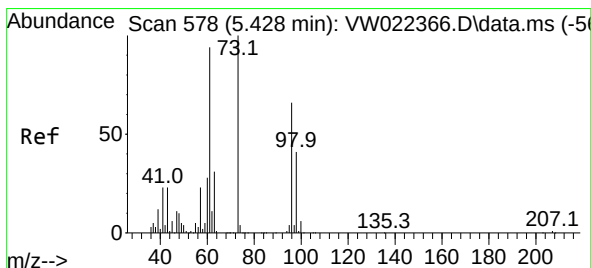
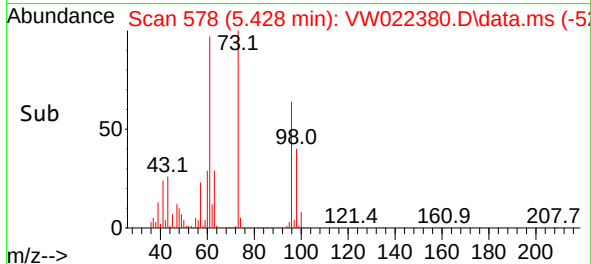
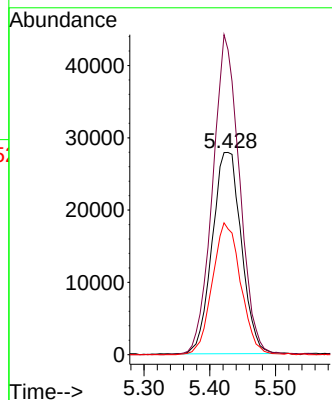
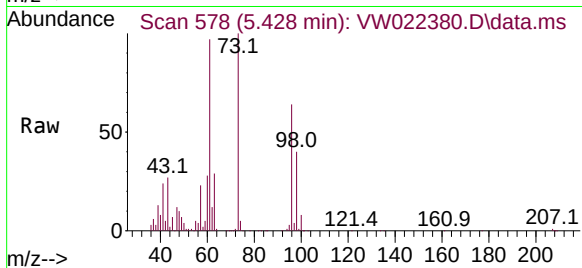
Tgt Ion: 96 Resp: 85803

Ion Ratio Lower Upper

96 100

61 150.7 87.3 162.1

98 62.2 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 24.180 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

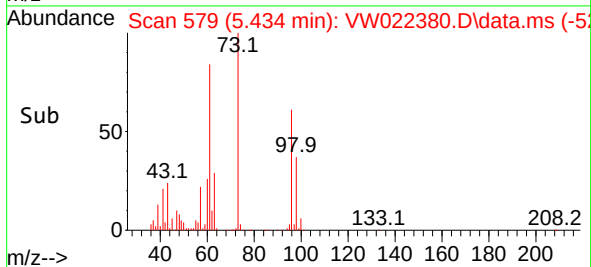
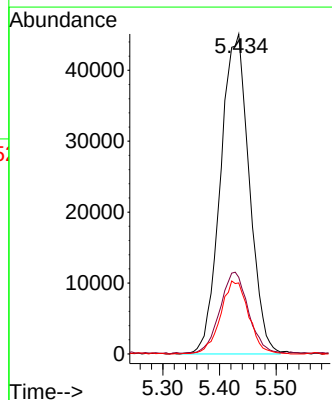
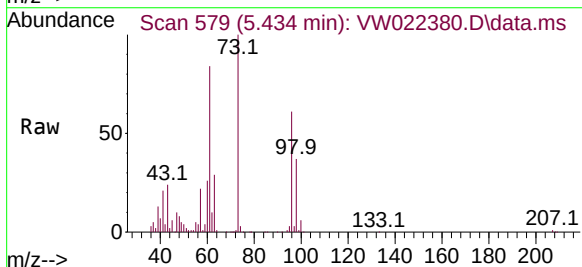
Tgt Ion: 73 Resp: 158632

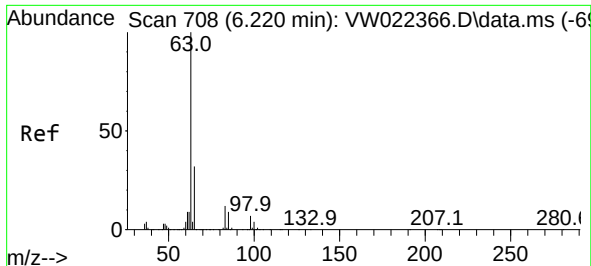
Ion Ratio Lower Upper

73 100

43 25.1 15.4 23.2#

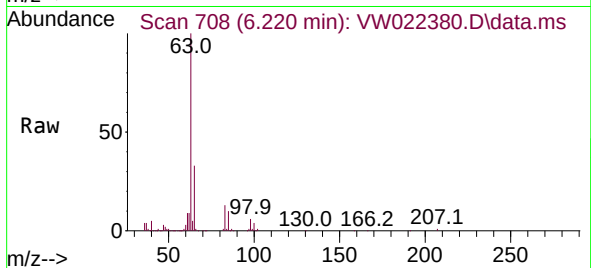
57 22.3 16.5 24.7



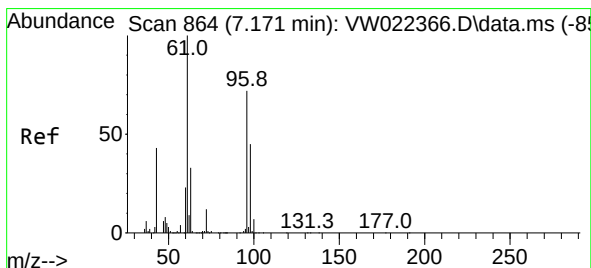
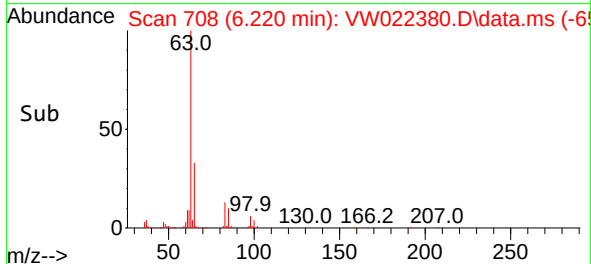
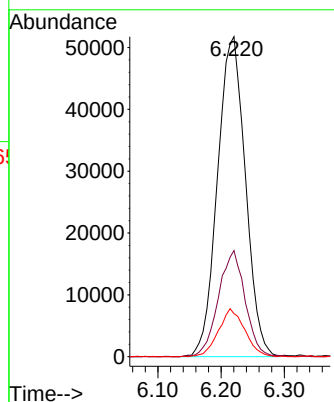


#19
1,1-Dichloroethane
Concen: 22.964 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

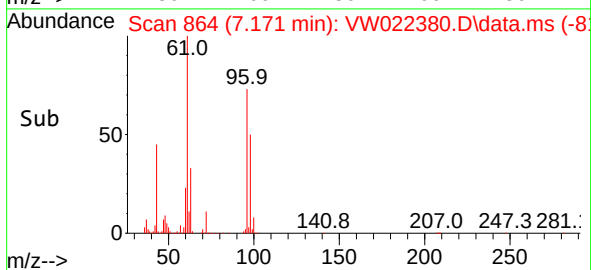
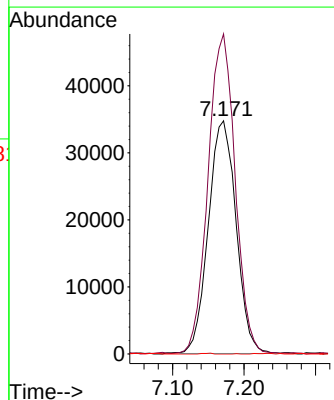
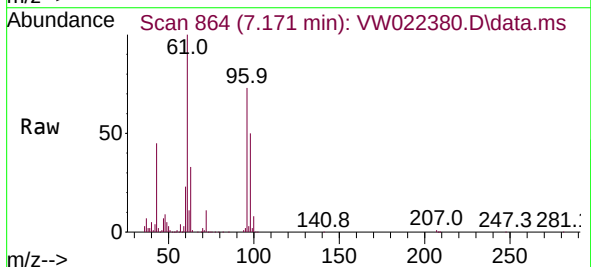


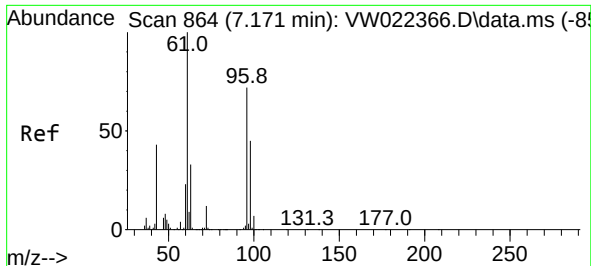
Tgt Ion:	63	Resp:	158725
Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.5	41.9
83	13.5	11.5	21.5



#20
cis-1,2-Dichloroethene
Concen: 23.330 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion:	96	Resp:	93519
Ion	Ratio	Lower	Upper
96	100		
61	137.3	76.8	142.6
68	0.0	0.0	0.0

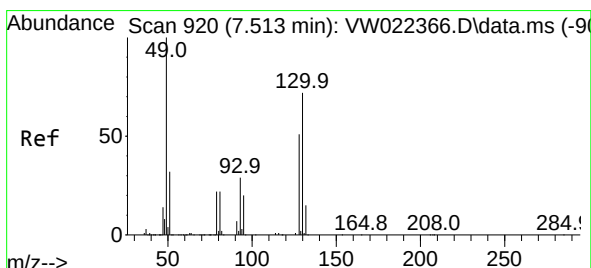
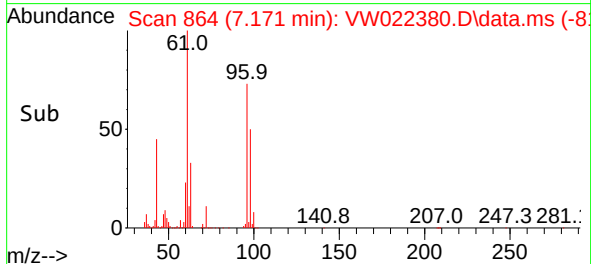
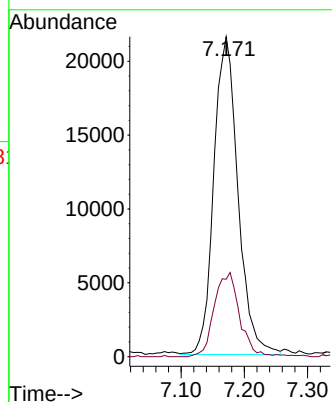
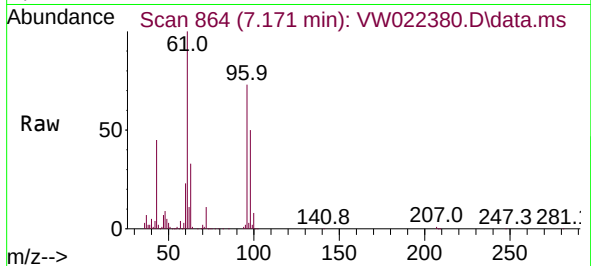




#22
2-Butanone
Concen: 52.221 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

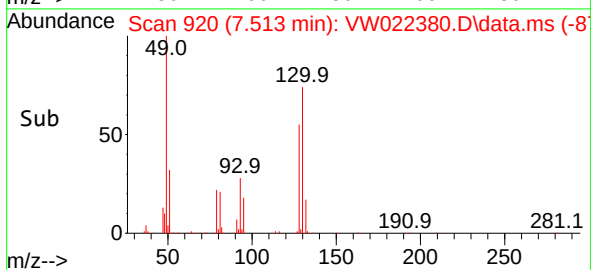
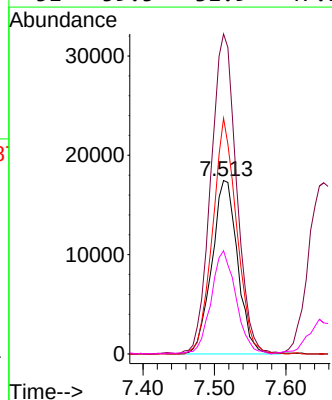
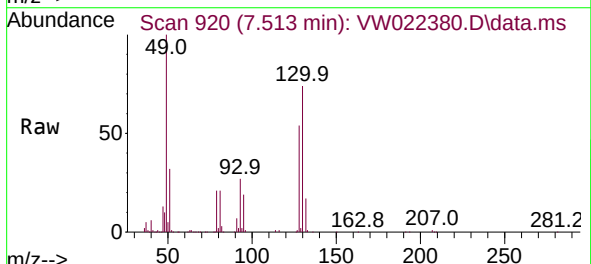
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

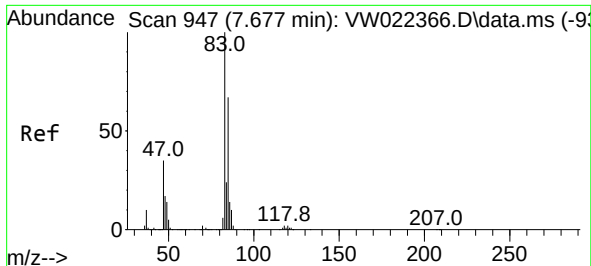
Tgt Ion: 43 Resp: 56978
Ion Ratio Lower Upper
43 100
72 27.5 17.0 51.0



#23
Bromochloromethane
Concen: 24.769 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 128 Resp: 43554
Ion Ratio Lower Upper
128 100
49 184.5 84.2 156.4#
130 135.8 84.8 157.4
51 59.5 31.9 47.9#

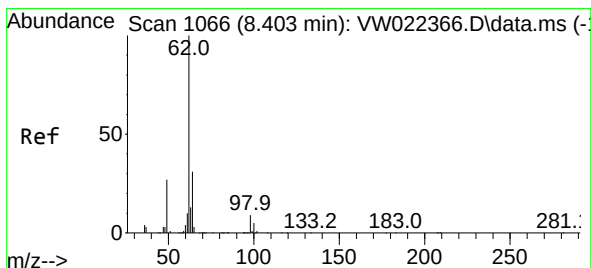
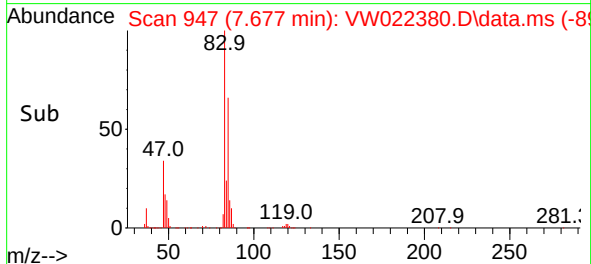
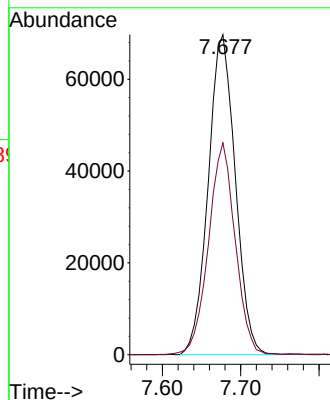
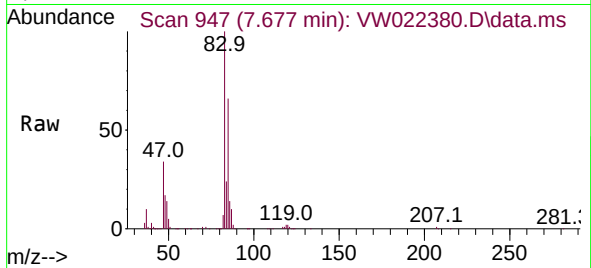




#25
Chloroform
Concen: 23.754 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

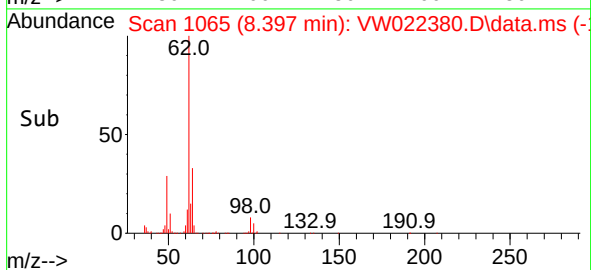
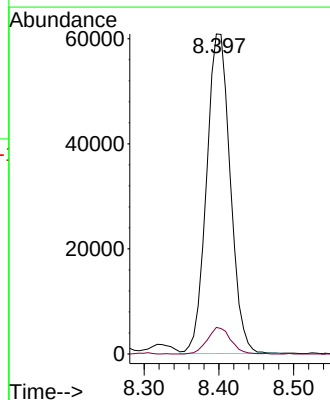
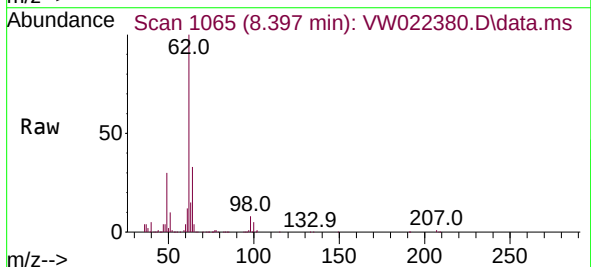
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

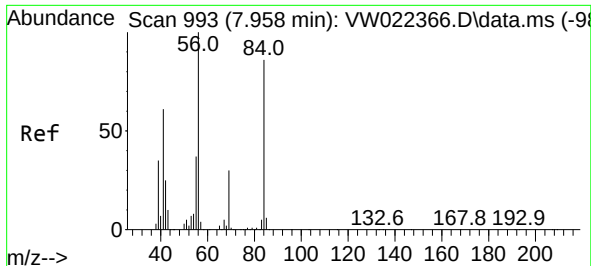
Tgt Ion: 83 Resp: 167600
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.280 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 62 Resp: 133925
Ion Ratio Lower Upper
62 100
98 8.3 7.9 11.9

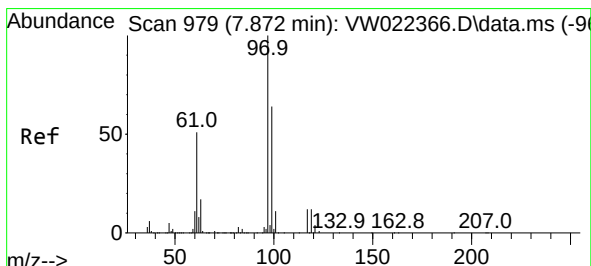
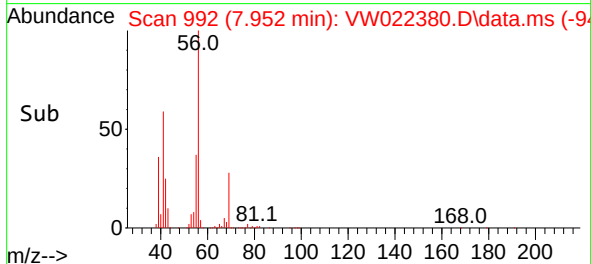
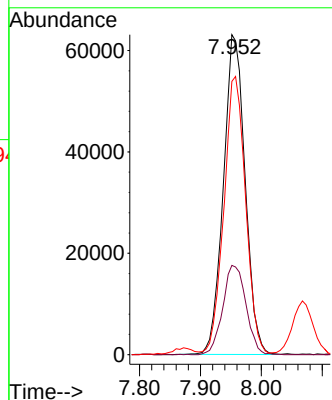
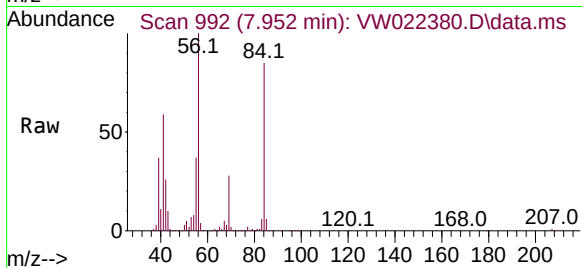




#29
Cyclohexane
Concen: 22.965 ug/L
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

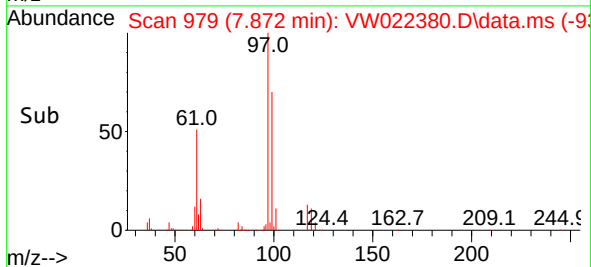
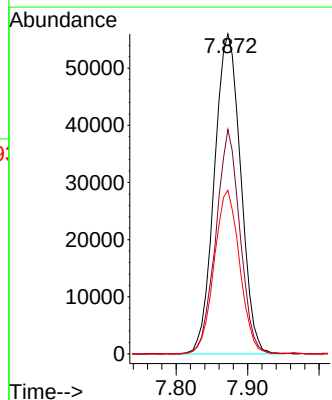
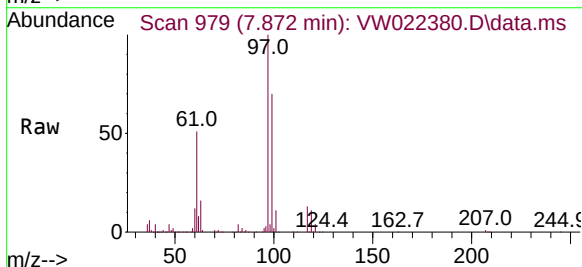
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

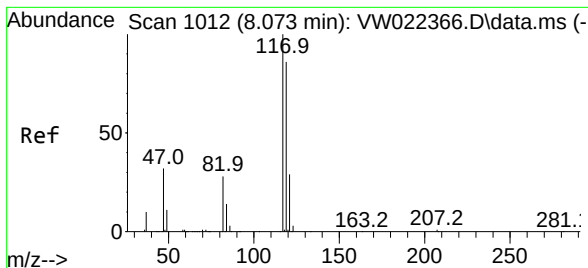
Tgt Ion: 56 Resp: 156069
Ion Ratio Lower Upper
56 100
69 29.8 26.3 39.5
84 87.1 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 23.263 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 97 Resp: 143160
Ion Ratio Lower Upper
97 100
99 64.3 52.6 78.8
61 49.7 33.0 49.6





#31

Carbon tetrachloride

Concen: 23.390 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

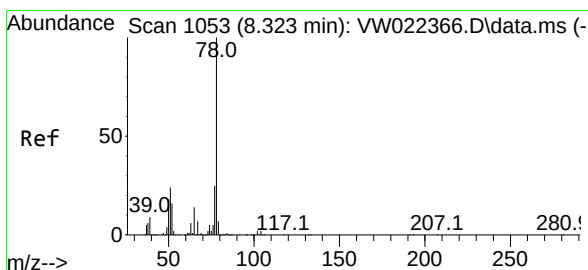
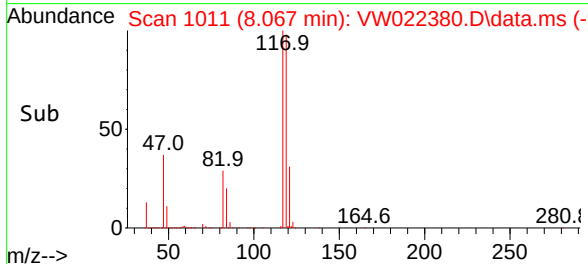
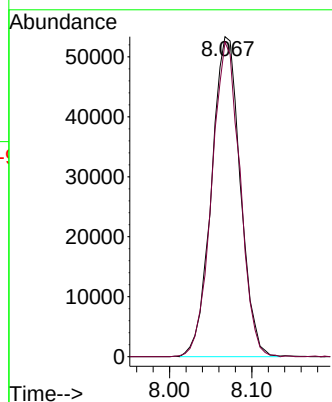
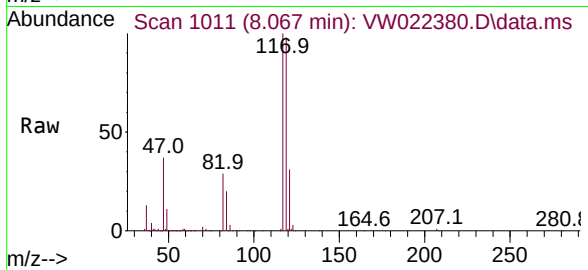
VSTD025590

Tgt Ion:117 Resp: 129658

Ion Ratio Lower Upper

117 100

119 96.3 76.7 115.1



#33

Benzene

Concen: 24.702 ug/L

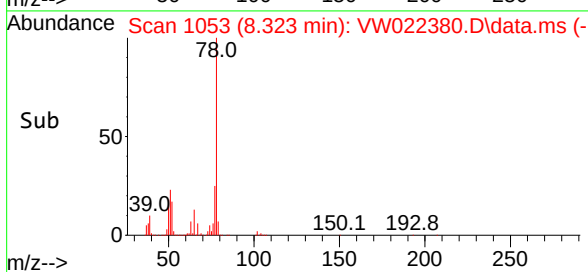
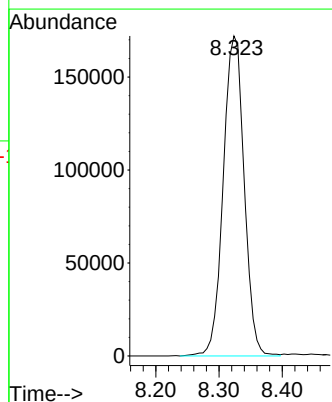
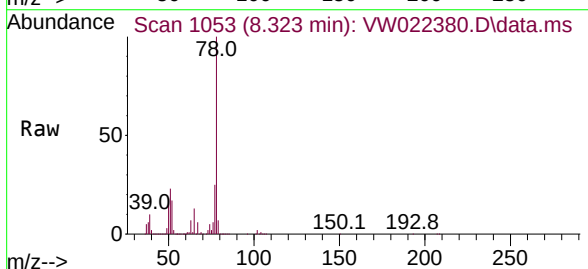
RT: 8.323 min Scan# 1053

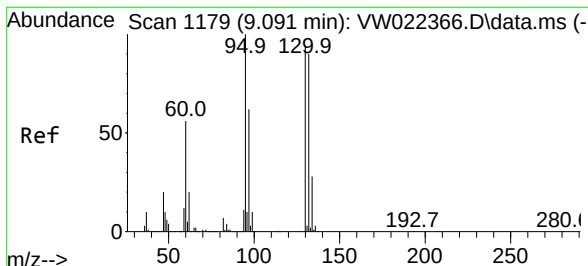
Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Tgt Ion: 78 Resp: 395819





#34

Trichloroethene

Concen: 24.220 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

Tgt Ion: 95 Resp: 100809

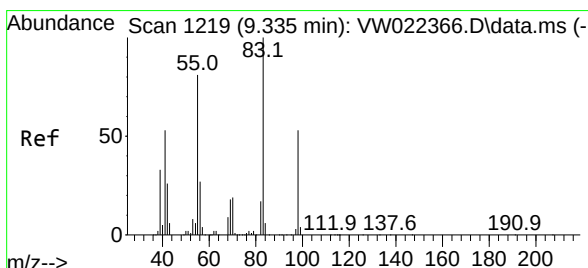
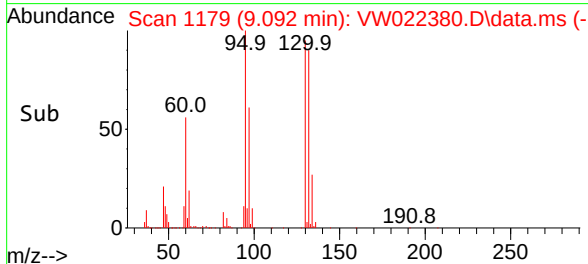
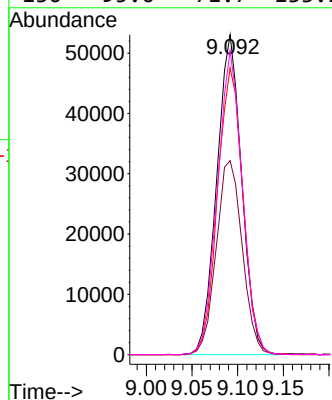
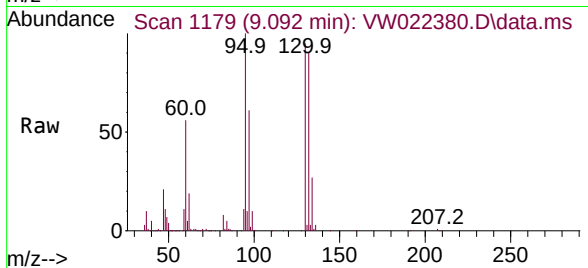
Ion Ratio Lower Upper

95 100

97 60.7 44.4 82.4

132 89.6 71.7 133.1

130 95.0 71.7 133.1



#35

Methylcyclohexane

Concen: 23.999 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

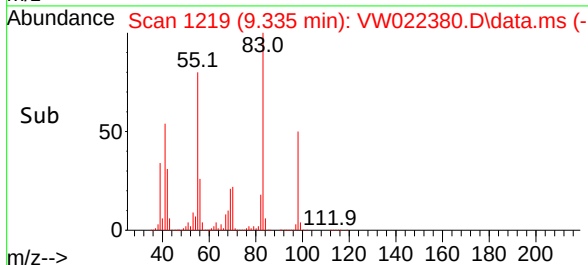
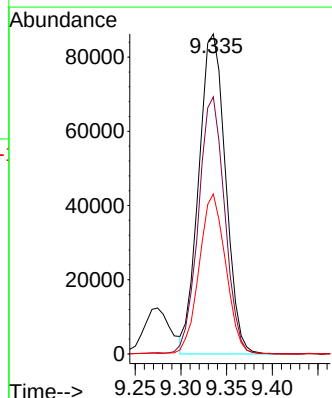
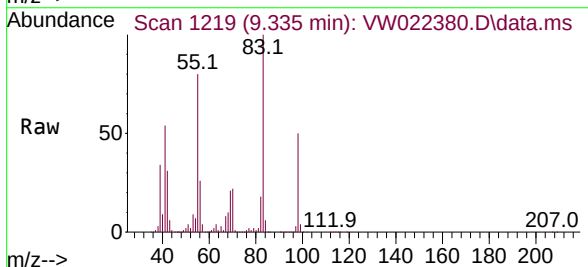
Tgt Ion: 83 Resp: 175848

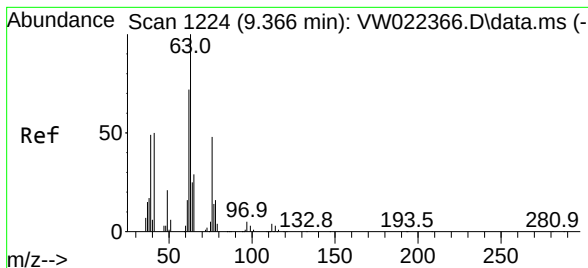
Ion Ratio Lower Upper

83 100

55 78.5 53.8 80.8

98 49.5 42.1 63.1

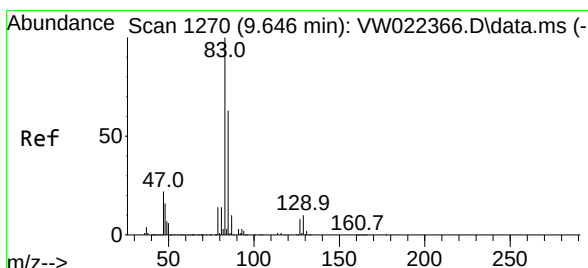
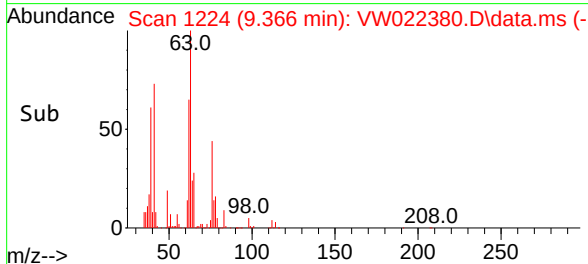
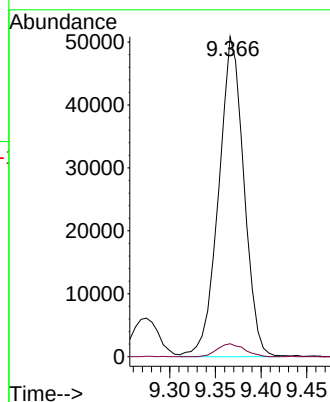
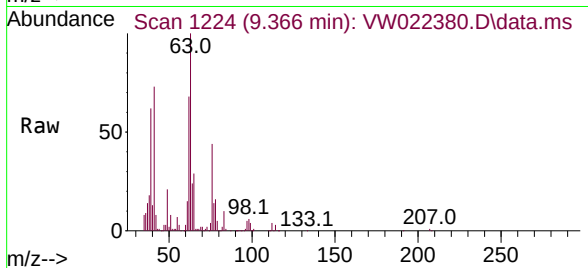




#37
1,2-Dichloropropane
Concen: 24.597 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

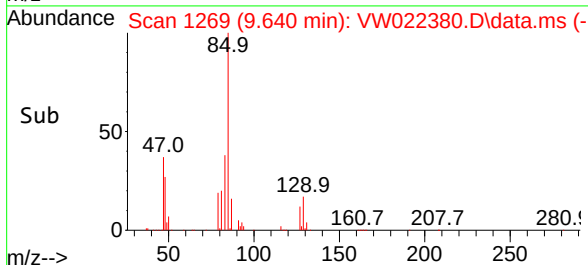
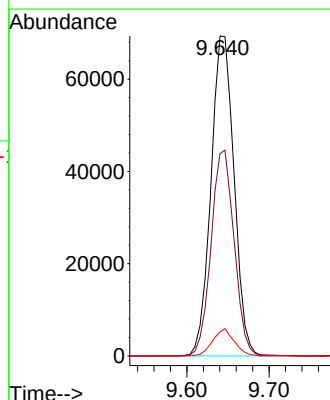
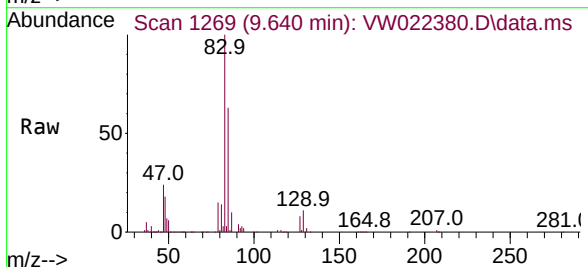
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

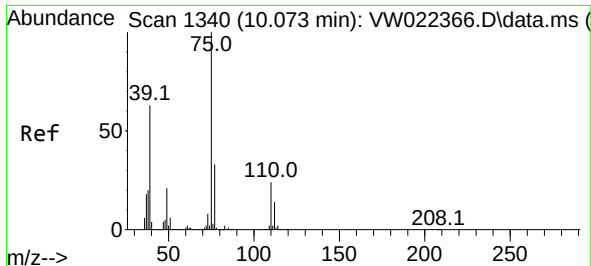
Tgt Ion: 63 Resp: 97671
Ion Ratio Lower Upper
63 100
112 4.3 4.1 6.1



#38
Bromodichloromethane
Concen: 24.469 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 83 Resp: 135515
Ion Ratio Lower Upper
83 100
85 63.3 47.9 89.1
127 7.5 7.5 11.3#

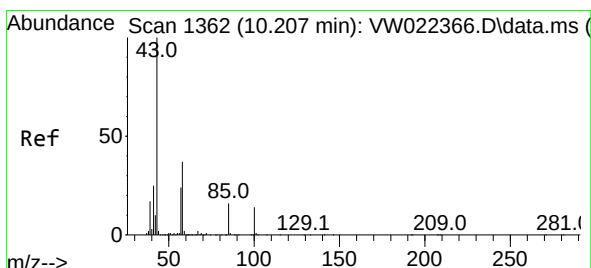
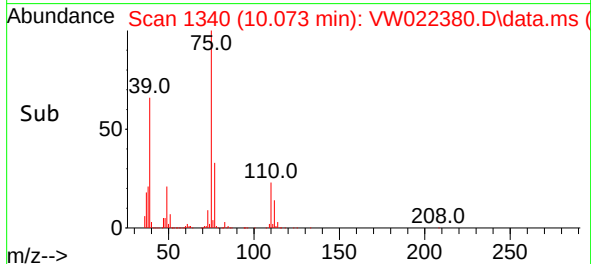
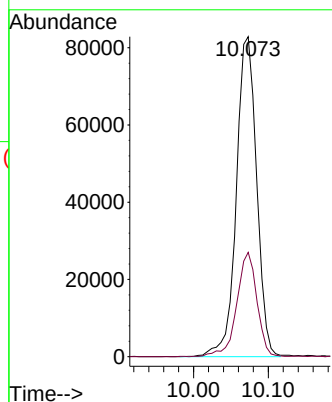
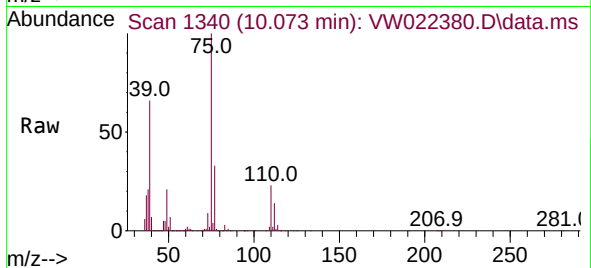




#39
 cis-1,3-Dichloropropene
 Concen: 24.106 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW022380.D
 Acq: 01 Apr 2022 20:44

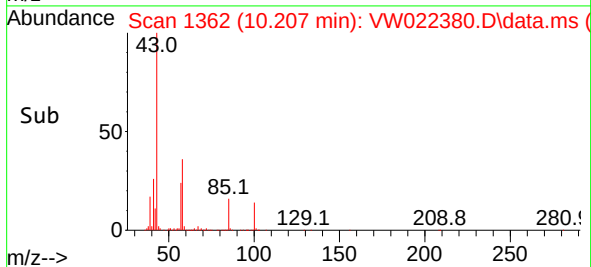
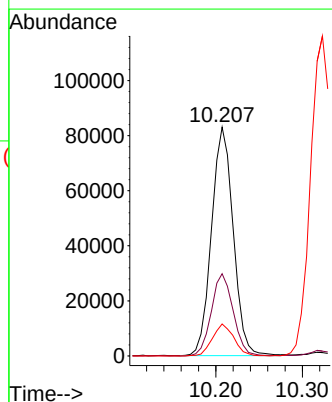
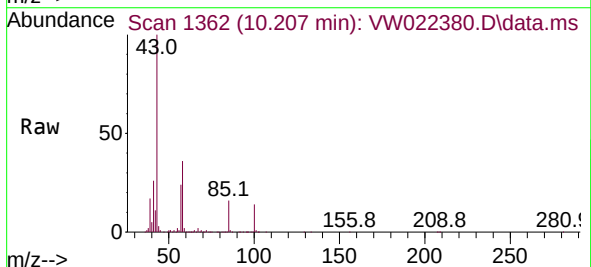
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

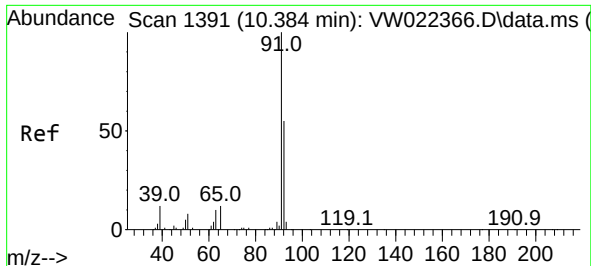
Tgt Ion: 75 Resp: 156511
 Ion Ratio Lower Upper
 75 100
 77 32.6 20.6 38.2



#40
 4-Methyl-2-pentanone
 Concen: 51.837 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW022380.D
 Acq: 01 Apr 2022 20:44

Tgt Ion: 43 Resp: 144744
 Ion Ratio Lower Upper
 43 100
 58 36.1 33.2 49.8
 100 13.8 16.1 24.1#

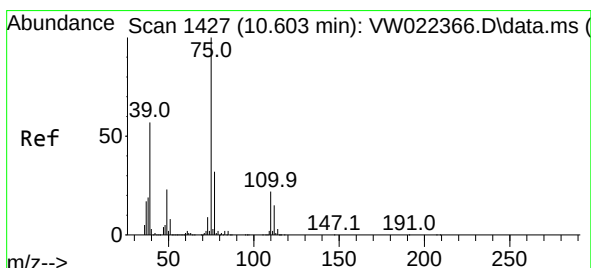
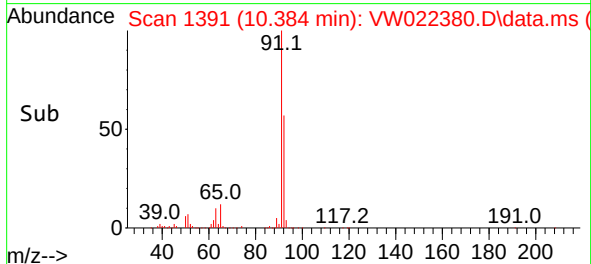
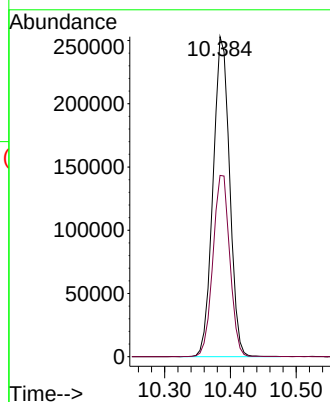
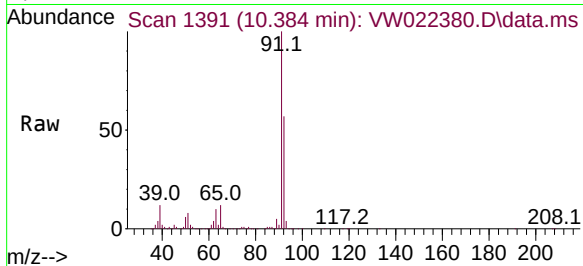




#42
Toluene
Concen: 24.913 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

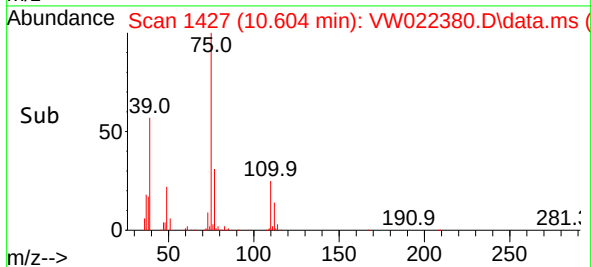
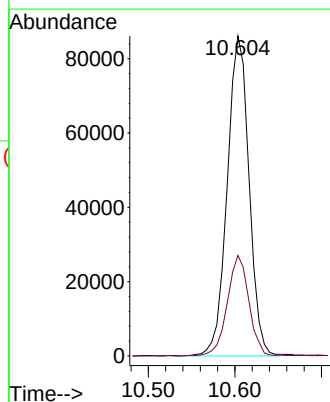
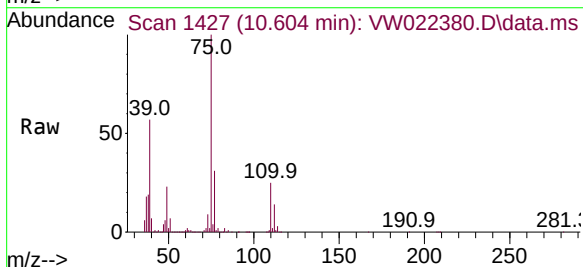
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

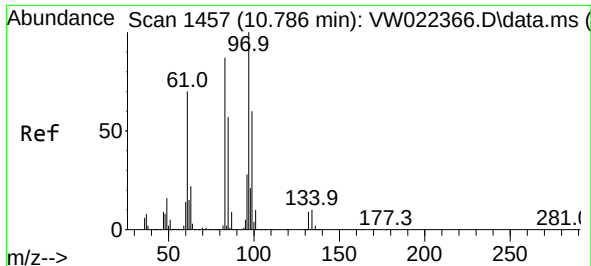
Tgt Ion: 91 Resp: 444018
Ion Ratio Lower Upper
91 100
92 56.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 25.074 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 75 Resp: 150775
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8

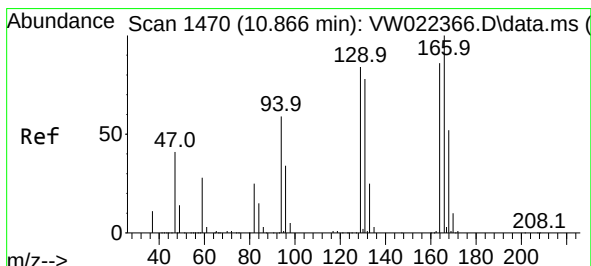
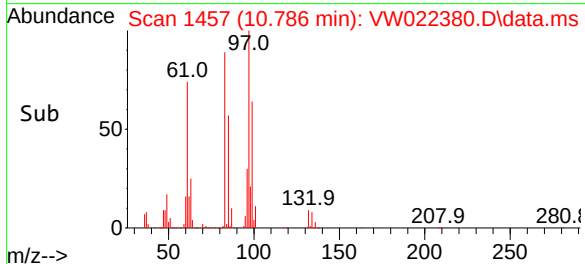
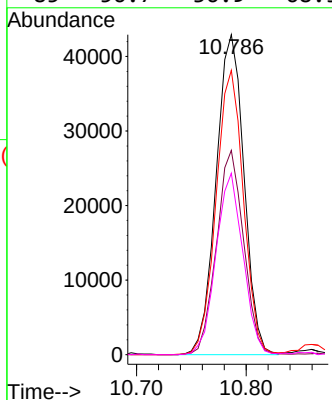
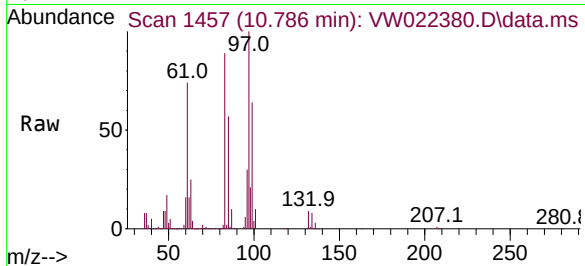




#45
1,1,2-Trichloroethane
Concen: 25.562 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

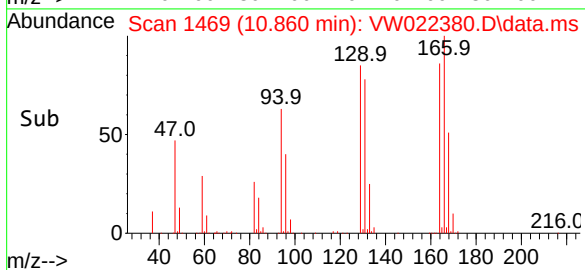
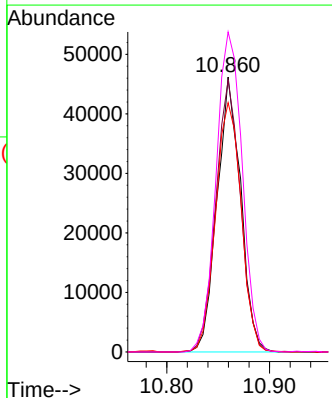
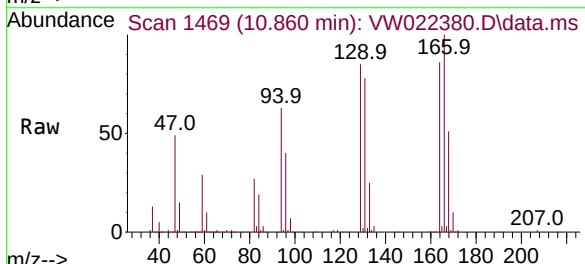
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

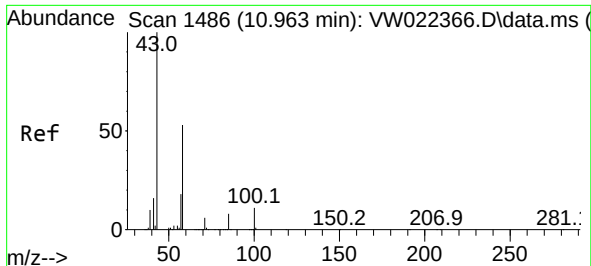
Tgt Ion:	97	Resp:	75913
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.5	80.7
83	88.9	53.5	99.3
85	56.7	36.9	68.5



#46
Tetrachloroethene
Concen: 24.810 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion:	164	Resp:	74049
Ion	Ratio	Lower	Upper
164	100		
129	98.8	60.3	111.9
131	90.7	59.9	111.3
166	116.4	77.0	143.0

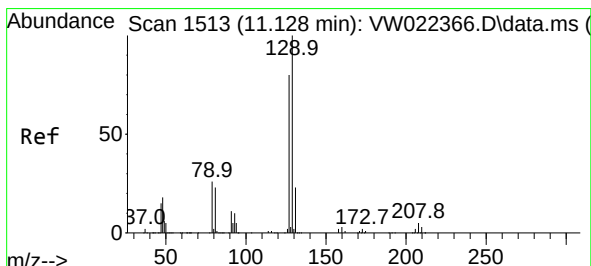
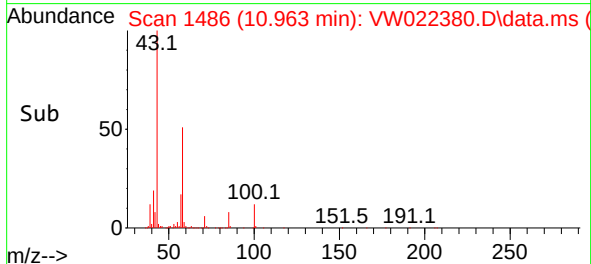
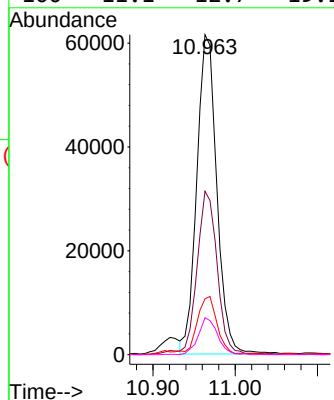
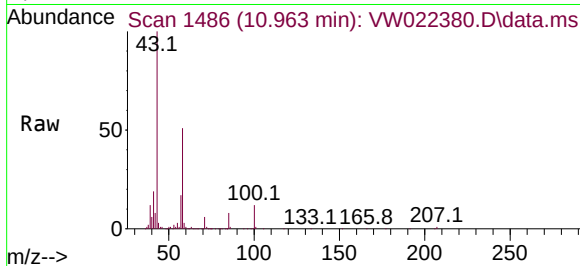




#48
2-Hexanone
Concen: 52.817 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

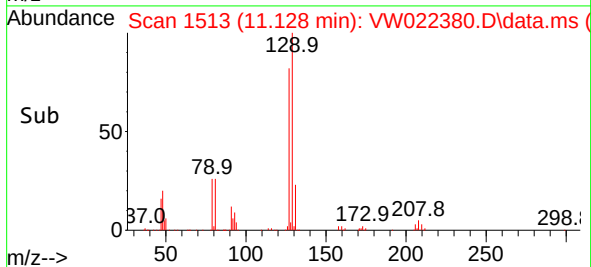
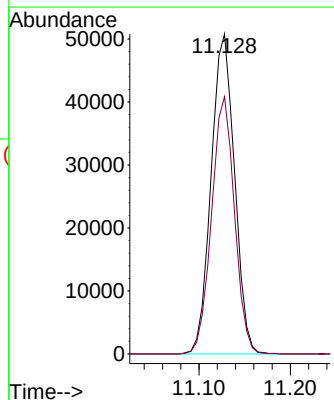
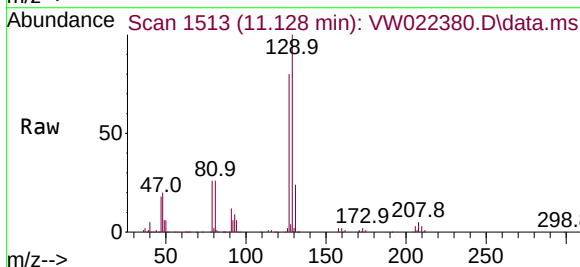
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

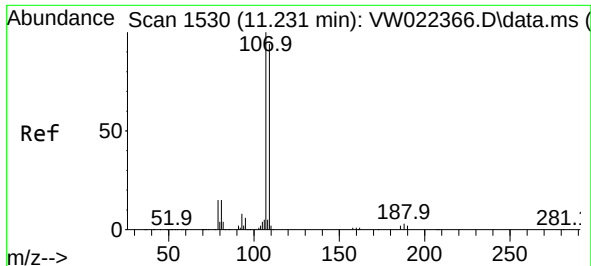
Tgt Ion: 43 Resp: 104116
Ion Ratio Lower Upper
43 100
58 50.9 44.6 66.8
57 17.5 15.8 23.8
100 11.1 12.7 19.1#



#49
Dibromochloromethane
Concen: 24.578 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 129 Resp: 90361
Ion Ratio Lower Upper
129 100
127 80.4 54.5 101.1

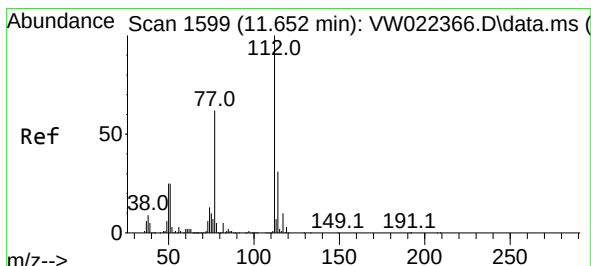
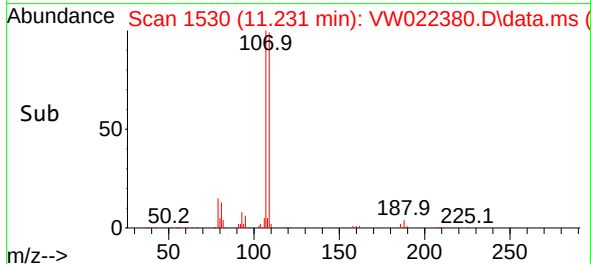
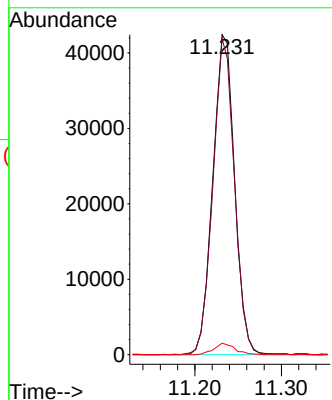
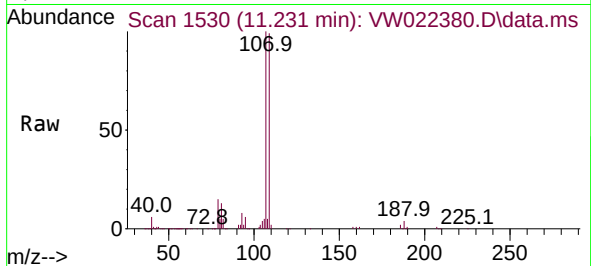




#50
1,2-Dibromoethane
Concen: 24.579 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

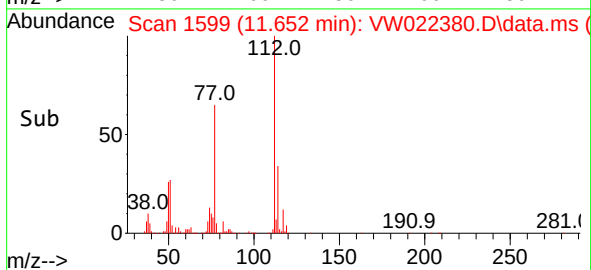
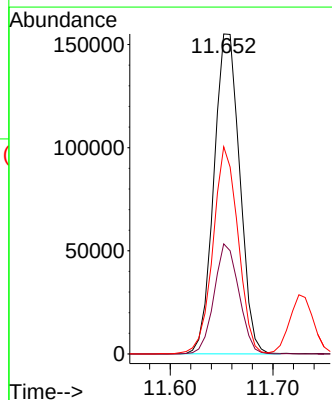
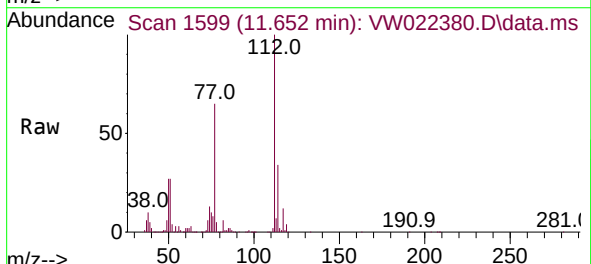
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

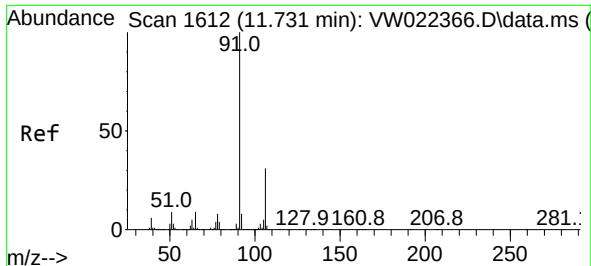
Tgt Ion:107 Resp: 74133
Ion Ratio Lower Upper
107 100
109 98.7 66.8 124.2
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 24.558 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion:112 Resp: 270615
Ion Ratio Lower Upper
112 100
114 34.4 23.0 42.8
77 64.7 41.8 62.6#

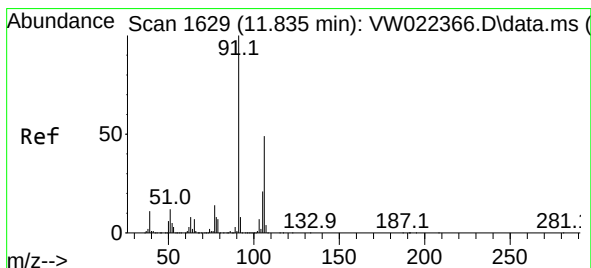
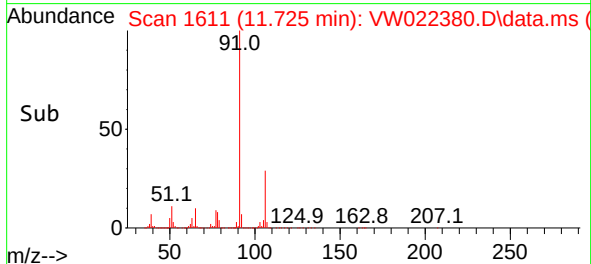
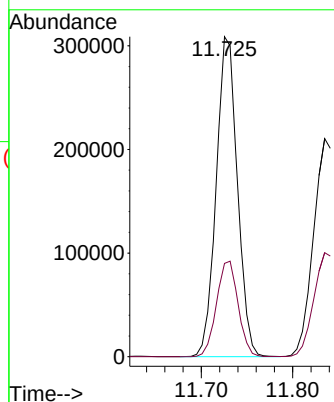
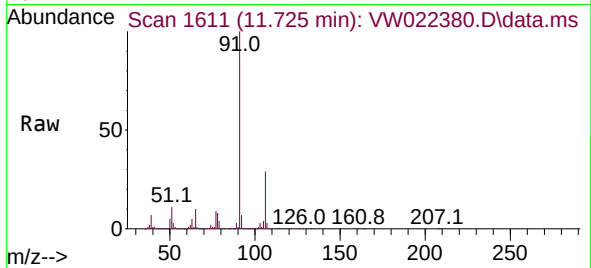




#52
Ethylbenzene
Concen: 25.171 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

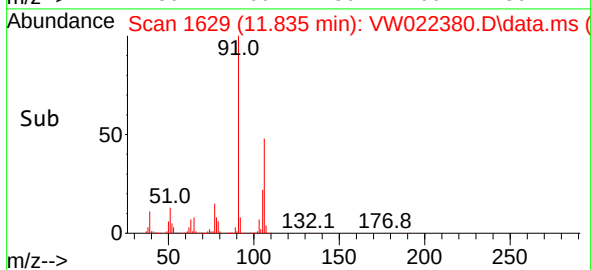
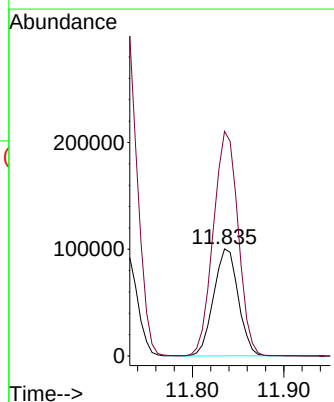
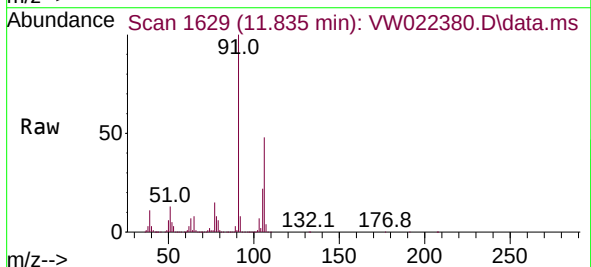
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

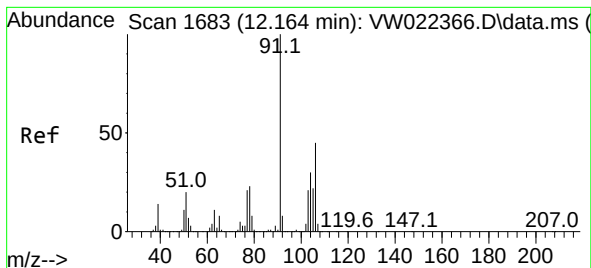
Tgt Ion: 91 Resp: 497568
Ion Ratio Lower Upper
91 100
106 29.2 22.8 42.4



#53
m,p-Xylene
Concen: 24.874 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion:106 Resp: 187678
Ion Ratio Lower Upper
106 100
91 209.8 135.0 250.8





#54

o-Xylene

Concen: 24.656 ug/L

RT: 12.158 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

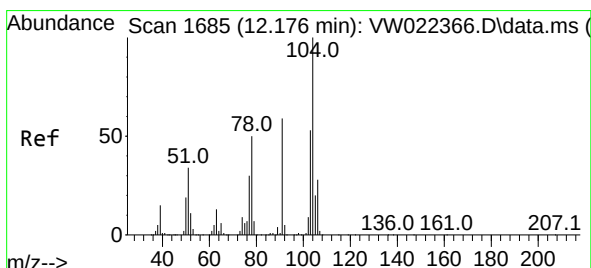
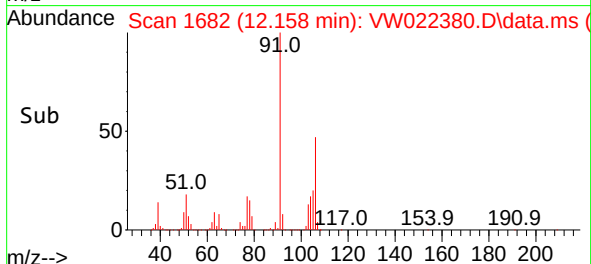
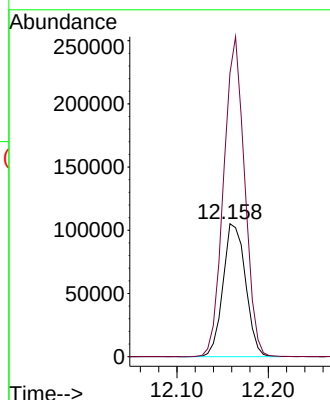
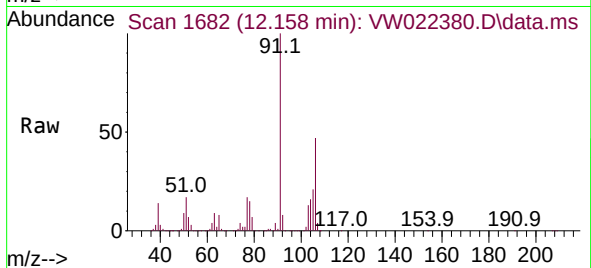
VSTD025590

Tgt Ion:106 Resp: 180204

Ion Ratio Lower Upper

106 100

91 213.3 136.9 254.3



#55

Styrene

Concen: 25.338 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022380.D

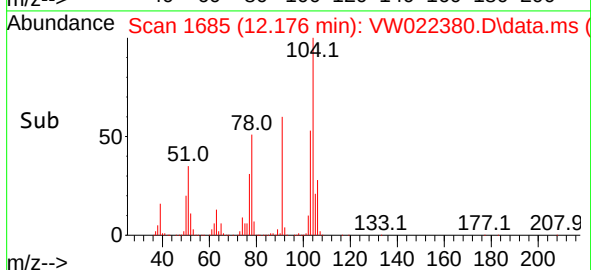
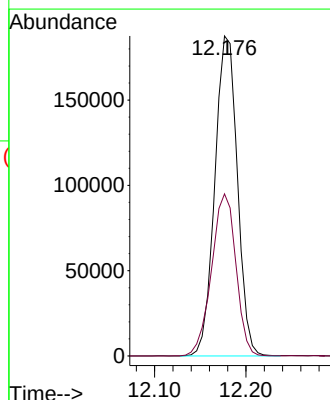
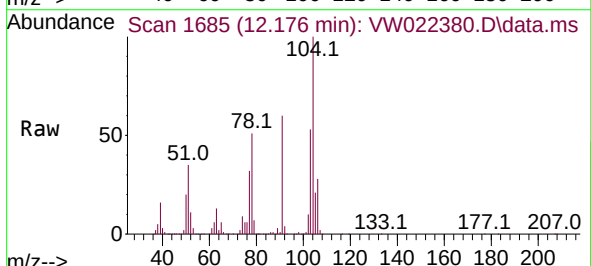
Acq: 01 Apr 2022 20:44

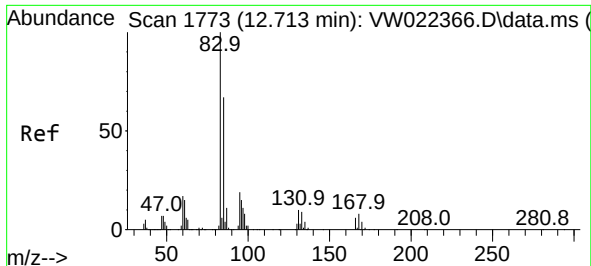
Tgt Ion:104 Resp: 321661

Ion Ratio Lower Upper

104 100

78 50.7 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.133 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

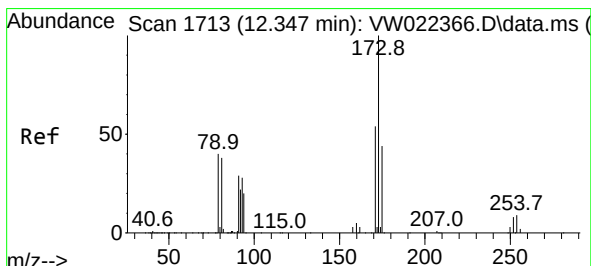
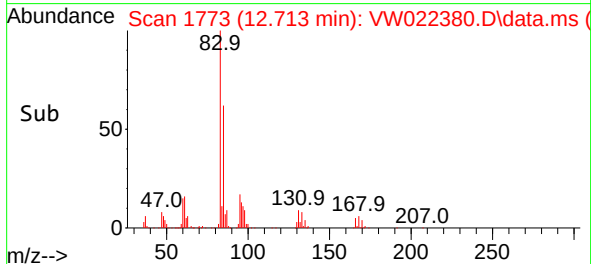
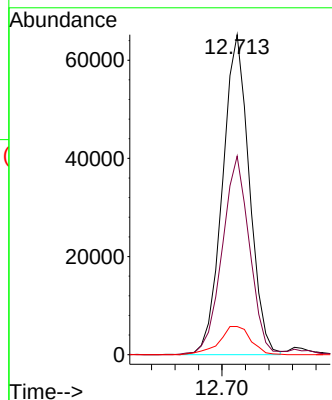
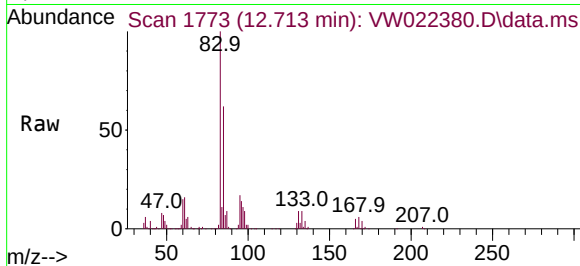
Tgt Ion: 83 Resp: 103189

Ion Ratio Lower Upper

83 100

85 62.0 44.2 82.0

131 8.8 9.4 14.0#



#59

Bromoform

Concen: 26.051 ug/L

RT: 12.341 min Scan# 1712

Delta R.T. -0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

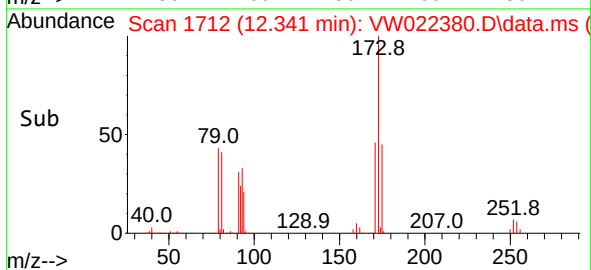
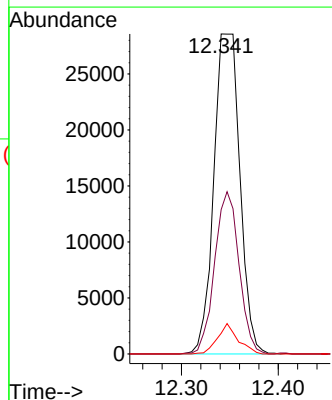
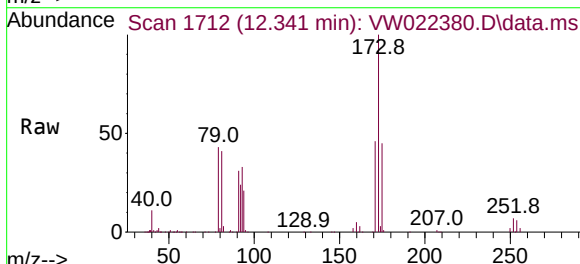
Tgt Ion:173 Resp: 53599

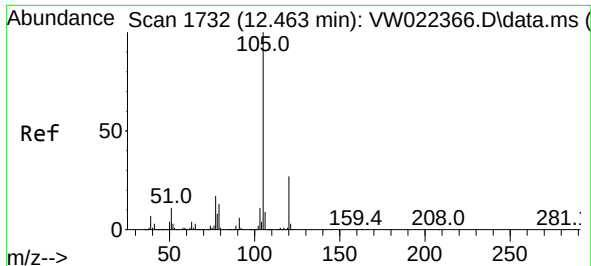
Ion Ratio Lower Upper

173 100

175 47.3 38.2 57.4

254 7.4 5.0 7.6

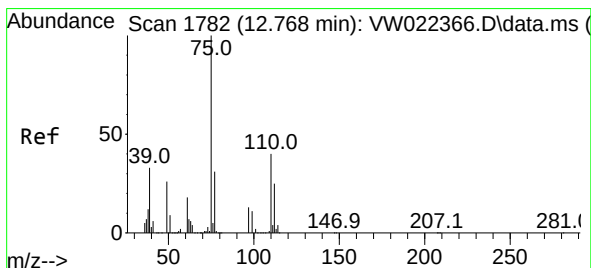
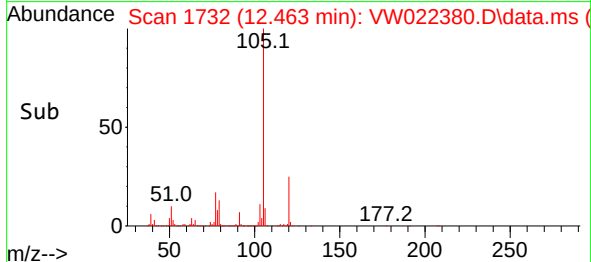
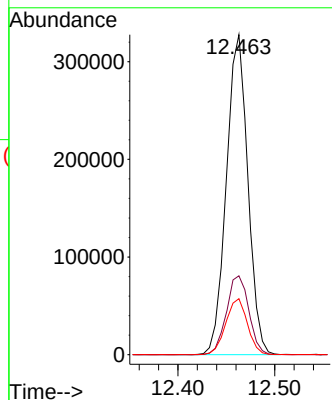
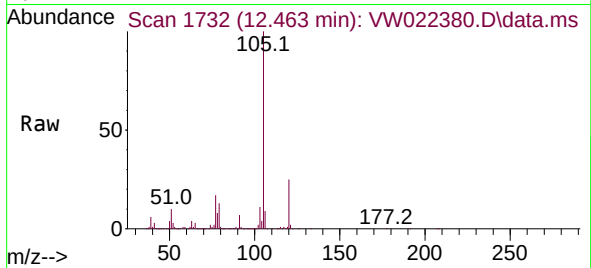




#60
Isopropylbenzene
Concen: 24.378 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

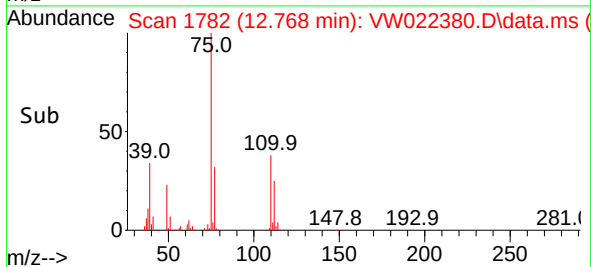
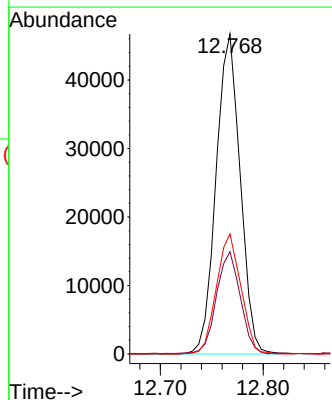
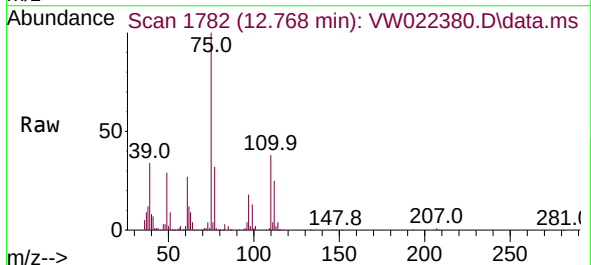
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

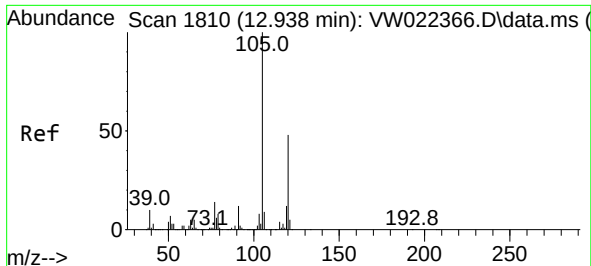
Tgt Ion:105 Resp: 505599
Ion Ratio Lower Upper
105 100
120 25.7 22.1 33.1
77 17.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 25.343 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022380.D
Acq: 01 Apr 2022 20:44

Tgt Ion: 75 Resp: 76054
Ion Ratio Lower Upper
75 100
77 31.5 27.1 40.7
110 38.1 36.7 55.1

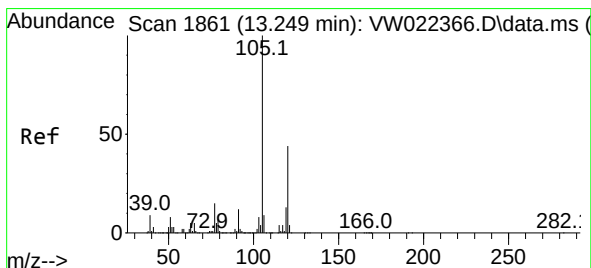
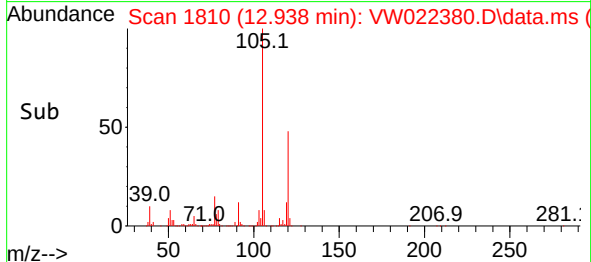
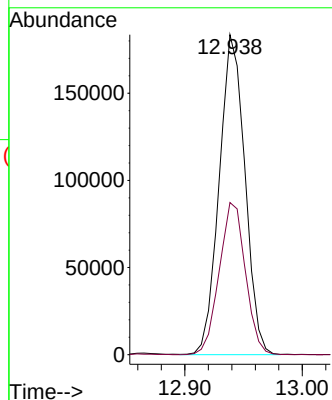
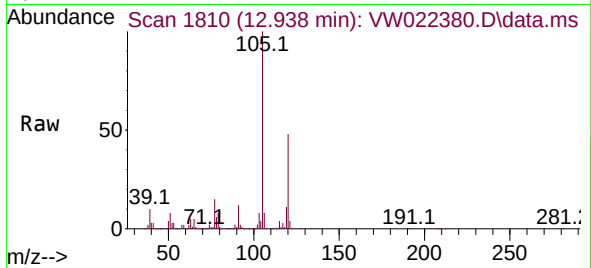




#62
 1,3,5-Trimethylbenzene
 Concen: 24.125 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022380.D
 Acq: 01 Apr 2022 20:44

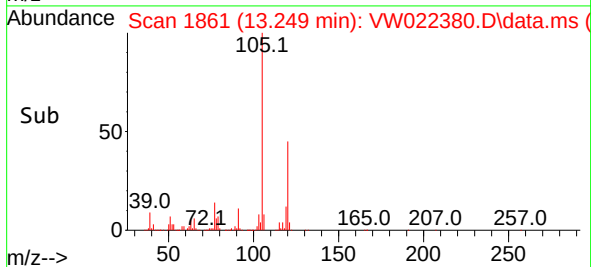
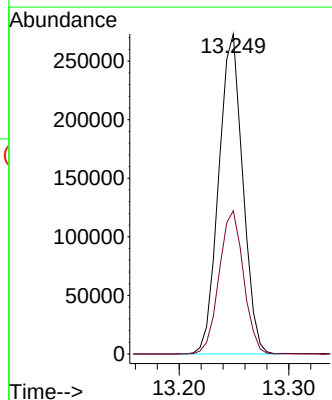
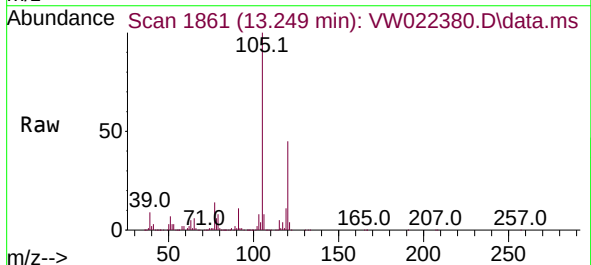
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

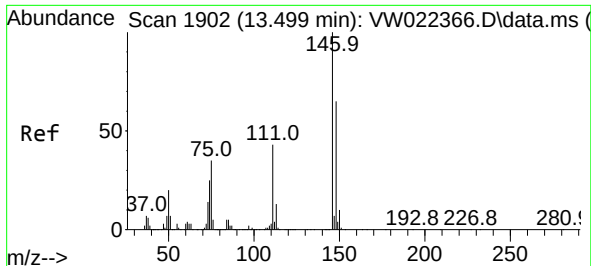
Tgt Ion:105 Resp: 278984
 Ion Ratio Lower Upper
 105 100
 120 48.5 41.5 62.3



#63
 1,2,4-Trimethylbenzene
 Concen: 23.989 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022380.D
 Acq: 01 Apr 2022 20:44

Tgt Ion:105 Resp: 416360
 Ion Ratio Lower Upper
 105 100
 120 45.2 39.2 58.8





#64

1,3-Dichlorobenzene

Concen: 25.071 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

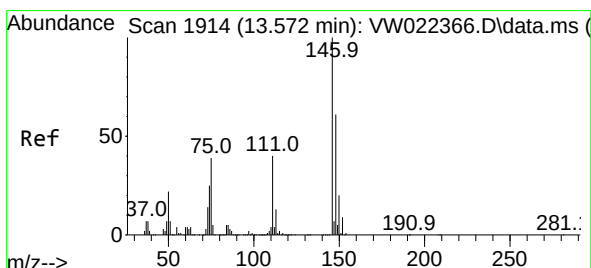
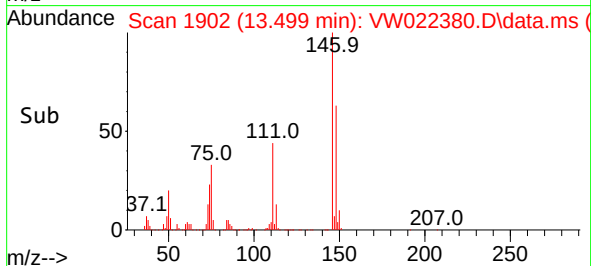
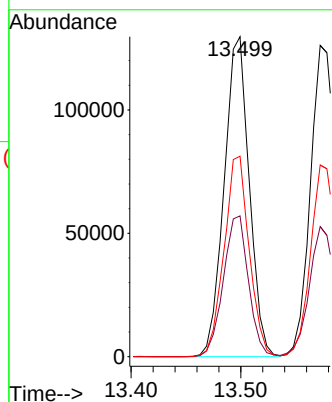
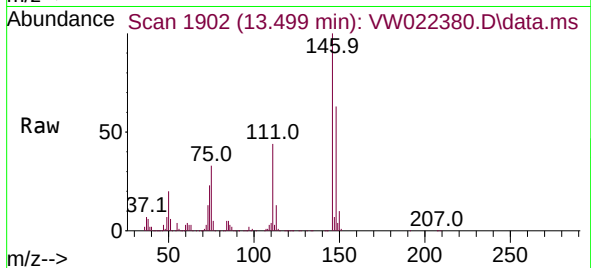
Tgt Ion:146 Resp: 206096

Ion Ratio Lower Upper

146 100

111 44.0 26.9 49.9

148 62.6 41.6 77.2



#65

1,4-Dichlorobenzene

Concen: 24.277 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

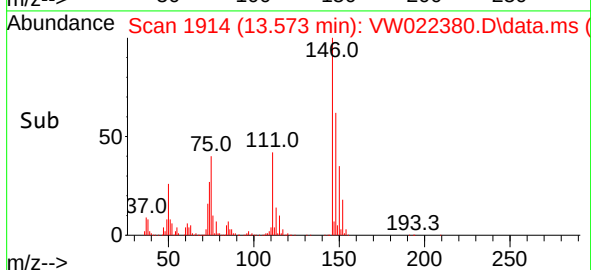
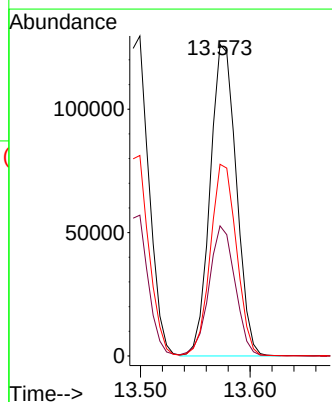
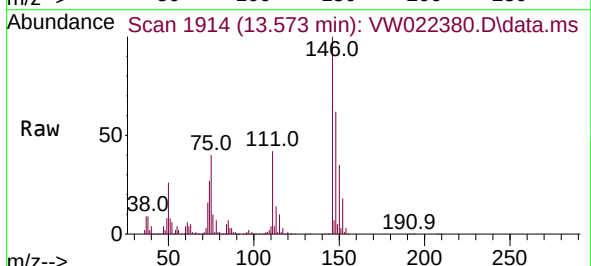
Tgt Ion:146 Resp: 209420

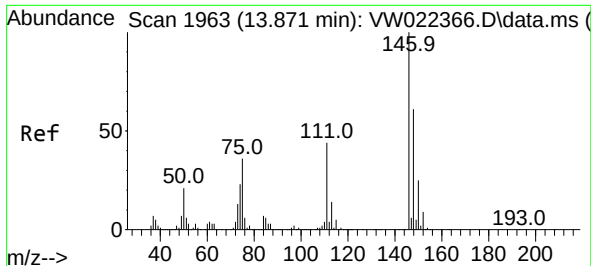
Ion Ratio Lower Upper

146 100

111 41.8 27.5 51.1

148 61.6 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.653 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

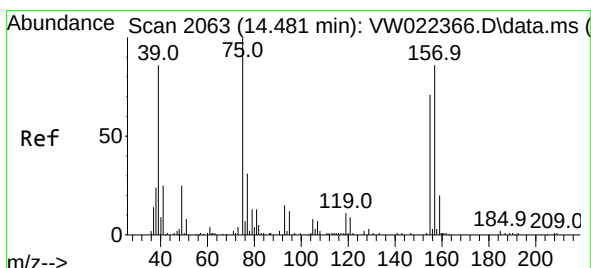
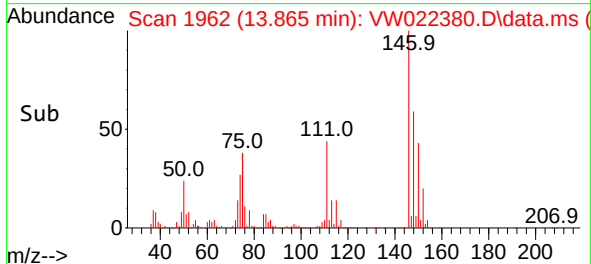
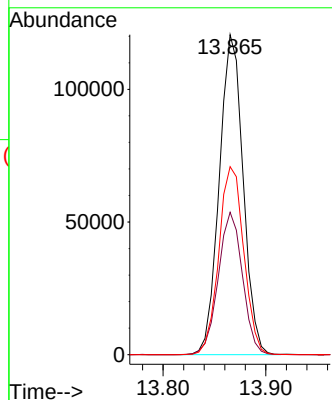
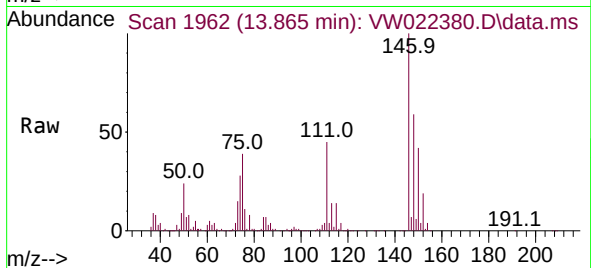
Tgt Ion:146 Resp: 194007

Ion Ratio Lower Upper

146 100

111 44.5 34.8 52.2

148 58.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.120 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

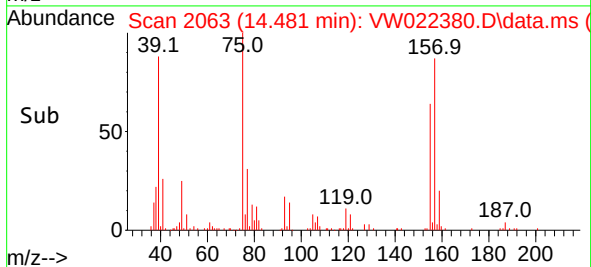
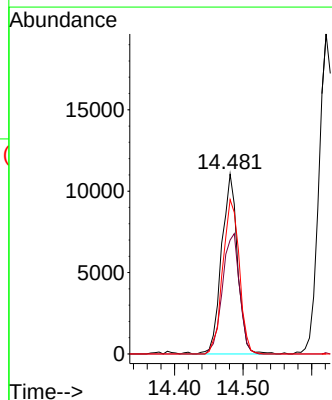
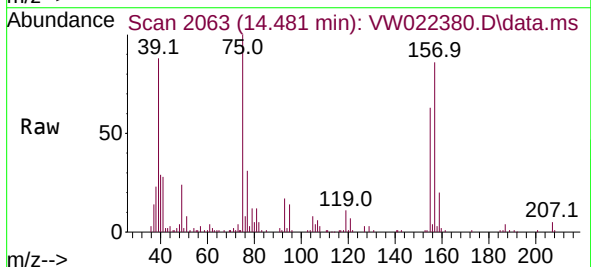
Tgt Ion: 75 Resp: 17880

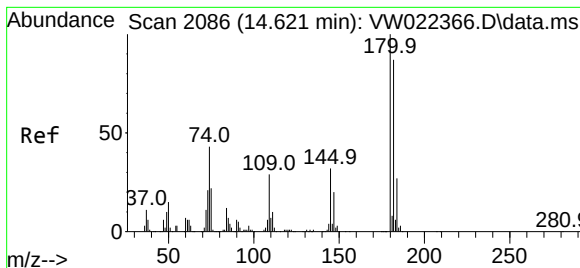
Ion Ratio Lower Upper

75 100

155 63.4 58.2 87.2

157 85.9 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 23.436 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

Tgt Ion:180 Resp: 130483

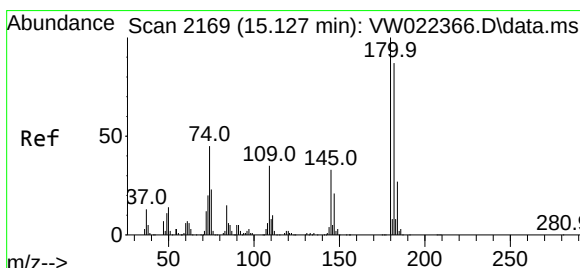
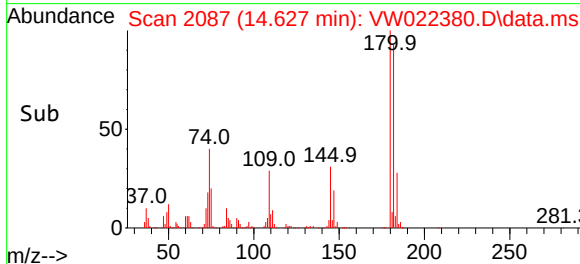
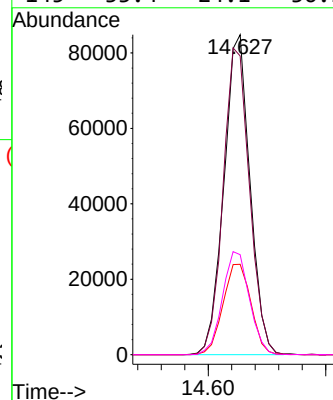
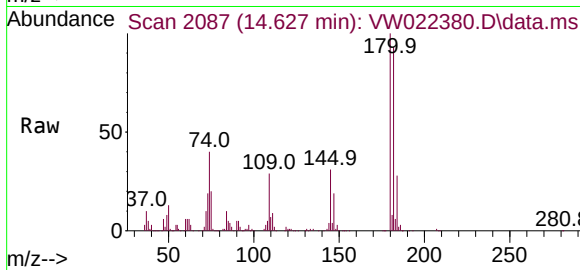
Ion Ratio Lower Upper

180 100

182 97.3 69.4 104.0

184 30.4 21.8 32.8

145 33.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 24.149 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

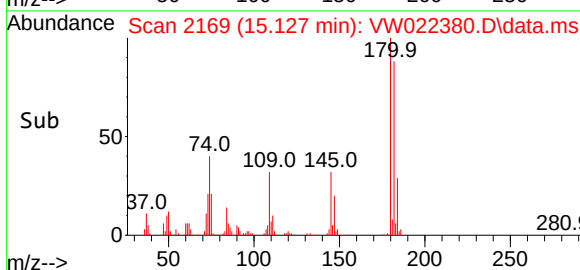
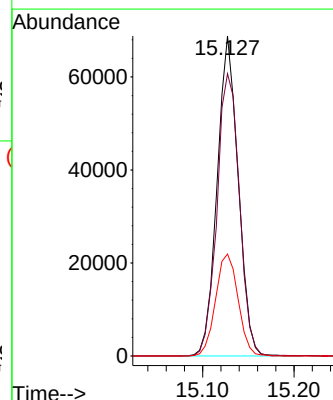
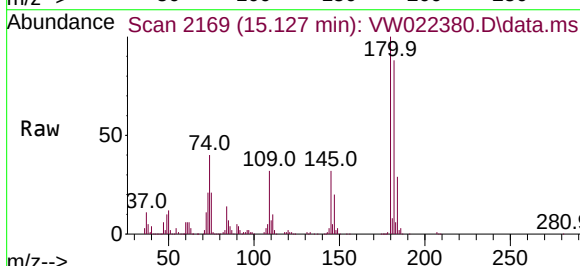
Tgt Ion:180 Resp: 110236

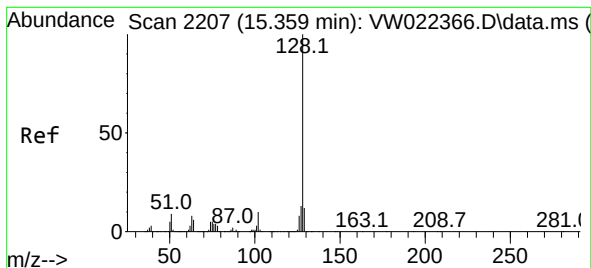
Ion Ratio Lower Upper

180 100

182 93.8 77.8 116.6

145 33.9 25.8 38.6





#71

Naphthalene

Concen: 24.417 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

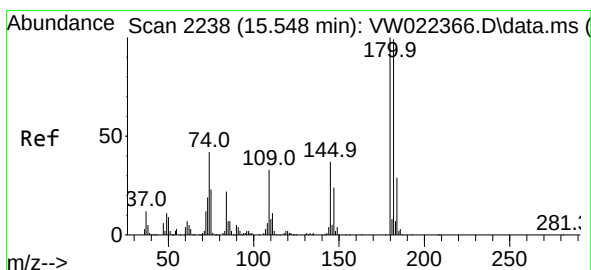
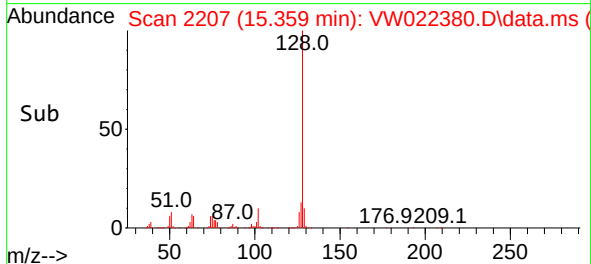
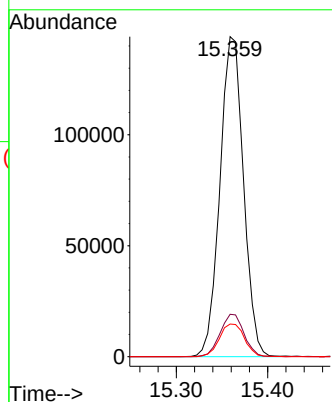
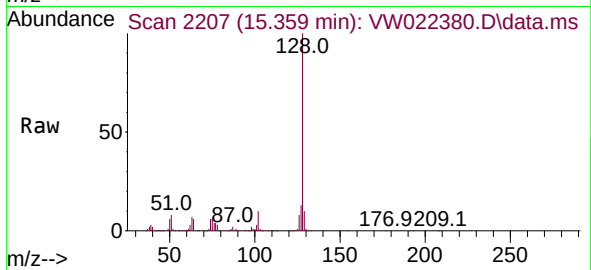
Tgt Ion:128 Resp: 258384

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.6

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.213 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022380.D

Acq: 01 Apr 2022 20:44

Tgt Ion:180 Resp: 96810

Ion Ratio Lower Upper

180 100

182 94.9 79.0 118.4

145 34.7 28.0 42.0

