

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022519.D
 Acq On : 12 Apr 2022 19:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: Apr 12 23:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	395239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	389106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213516	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	106730	12.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.880%
7) Chloroethane-d5	2.885	69	87340	15.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.800%
11) 1,1-Dichloroethene-d2	4.019	63	164977	14.557	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.240%
21) 2-Butanone-d5	7.080	46	60316	39.540	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.080%
24) Chloroform-d	7.647	84	218599	17.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.760%
26) 1,2-Dichloroethane-d4	8.305	65	120388	17.056	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.240%#
32) Benzene-d6	8.275	84	382549	16.092	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.360%
36) 1,2-Dichloropropane-d6	9.275	67	118055	17.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.640%#
41) Toluene-d8	10.323	98	364915	15.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.680%
43) trans-1,3-Dichloroprop...	10.579	79	52097	16.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.200%
47) 2-Hexanone-d5	10.921	63	50698	39.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.220%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	115219	19.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	146157	19.326	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	41275	21.304	ug/L	95
3) Chloromethane	2.221	50	74411	15.404	ug/L	98
5) Vinyl chloride	2.361	62	162366	16.108	ug/L	95
6) Bromomethane	2.782	94	108794	17.756	ug/L	100
8) Chloroethane	2.928	64	83276	18.872	ug/L	98
9) Trichlorofluoromethane	3.257	101	70981	19.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	114421	19.310	ug/L	96
12) 1,1-Dichloroethene	4.044	96	102506	19.262	ug/L	91
13) Acetone	4.123	43	35484	34.164	ug/L	99
14) Carbon disulfide	4.391	76	286792	16.382	ug/L	97
16) Methylene chloride	4.922	84	120452	20.253	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	117217	18.803	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	190770	18.737	ug/L	96
19) 1,1-Dichloroethane	6.214	63	208150	18.299	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	129847	19.721	ug/L	87
22) 2-Butanone	7.171	43	58208	37.107	ug/L	96
23) Bromochloromethane	7.513	128	57851	20.416	ug/L	86
25) Chloroform	7.677	83	228819	19.099	ug/L	100
27) 1,2-Dichloroethane	8.403	62	153036	18.174	ug/L	97

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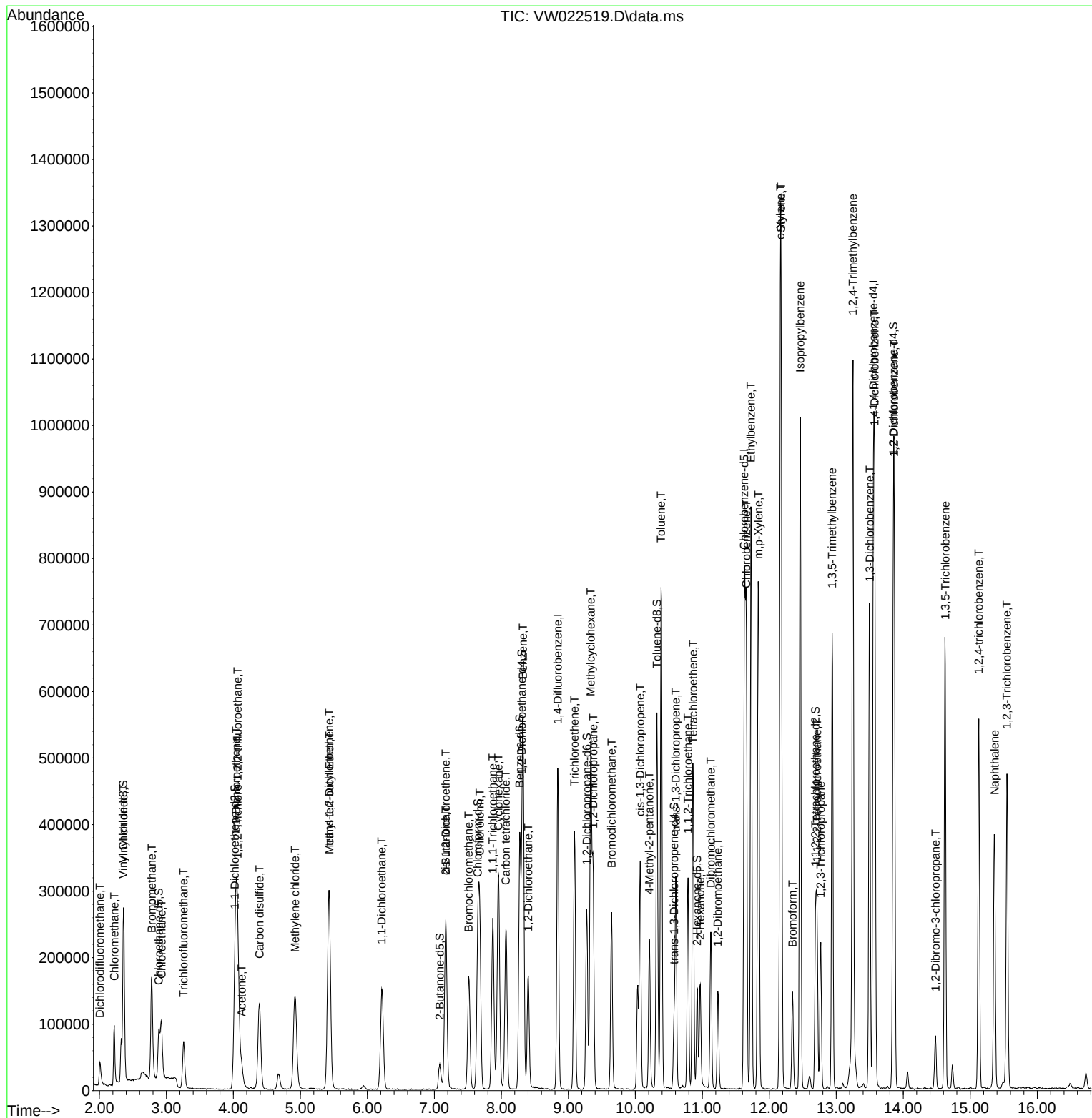
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	180154	16.177	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	195986	18.158	ug/L	98
31) Carbon tetrachloride	8.067	117	177701	18.343	ug/L	99
33) Benzene	8.323	78	480842	18.201	ug/L	100
34) Trichloroethene	9.092	95	130610	18.465	ug/L	97
35) Methylcyclohexane	9.335	83	216113	17.029	ug/L	96
37) 1,2-Dichloropropane	9.372	63	115719	18.285	ug/L	100
38) Bromodichloromethane	9.646	83	167805	18.438	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	185652	18.486	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	143668	37.197	ug/L	95
42) Toluene	10.384	91	551616	18.222	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	163272	18.157	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	93454	19.348	ug/L	98
46) Tetrachloroethene	10.866	164	100212	19.273	ug/L	91
48) 2-Hexanone	10.969	43	98673	36.213	ug/L	98
49) Dibromochloromethane	11.128	129	116040	20.144	ug/L	95
50) 1,2-Dibromoethane	11.231	107	91717	19.230	ug/L #	95
51) Chlorobenzene	11.658	112	364315	19.694	ug/L	94
52) Ethylbenzene	11.725	91	622278	18.339	ug/L	99
53) m,p-Xylene	11.841	106	246440	19.101	ug/L	93
54) o-Xylene	12.164	106	237744	19.284	ug/L	94
55) Styrene	12.176	104	406864	19.316	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	114786	19.362	ug/L	96
59) Bromoform	12.347	173	59234	18.670	ug/L	100
60) Isopropylbenzene	12.463	105	649714	18.318	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83955	18.484	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	366806	18.805	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	566910	19.112	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	282891	19.652	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	279577	19.474	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	263254	20.449	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	20471	19.434	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	183967	19.588	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	159090	20.169	ug/L	97
71) Naphthalene	15.365	128	336616	20.233	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	132219	19.611	ug/L	93

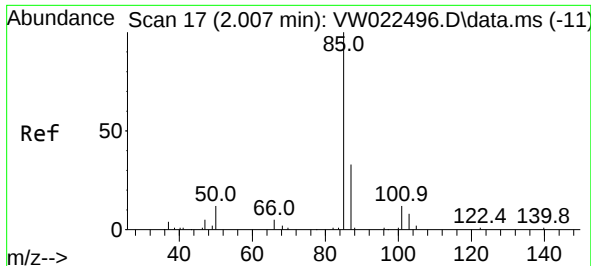
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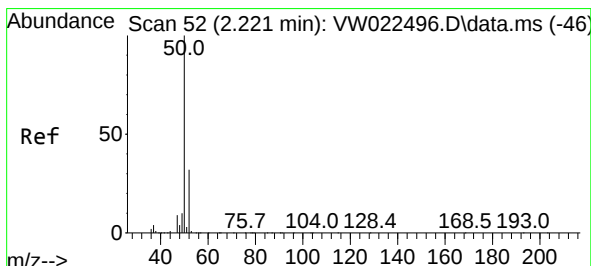
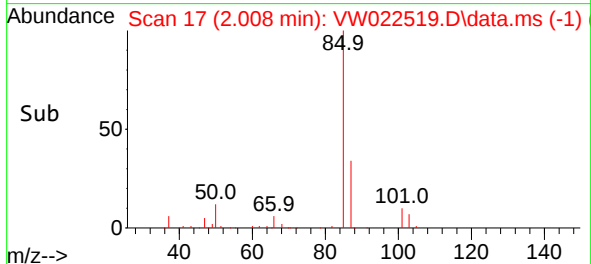
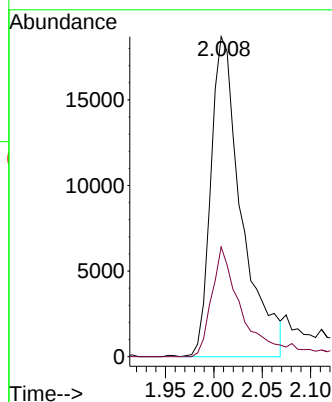
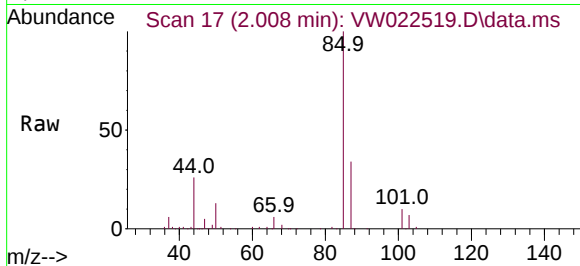




#2
 Dichlorodifluoromethane
 Concen: 21.304 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW022519.D
 Acq: 12 Apr 2022 19:59

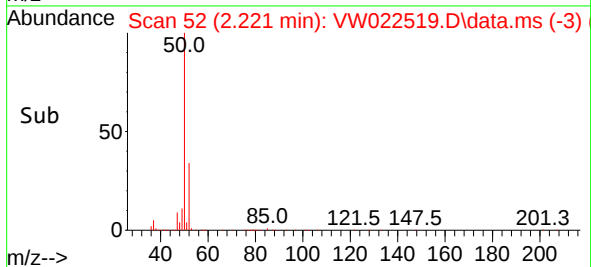
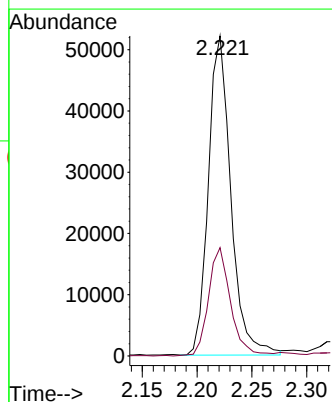
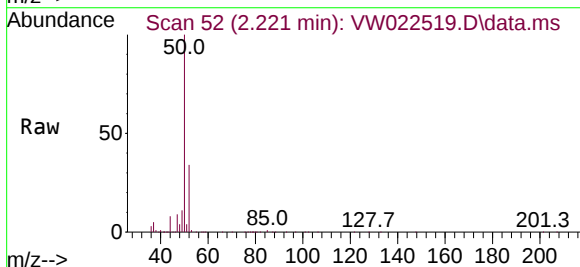
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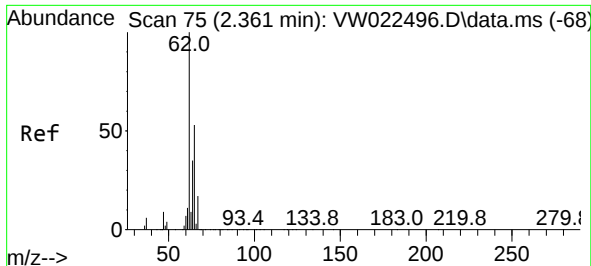
Tgt Ion: 85 Resp: 41275
 Ion Ratio Lower Upper
 85 100
 87 32.5 23.7 35.5



#3
 Chloromethane
 Concen: 15.404 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022519.D
 Acq: 12 Apr 2022 19:59

Tgt Ion: 50 Resp: 74411
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.0 42.6

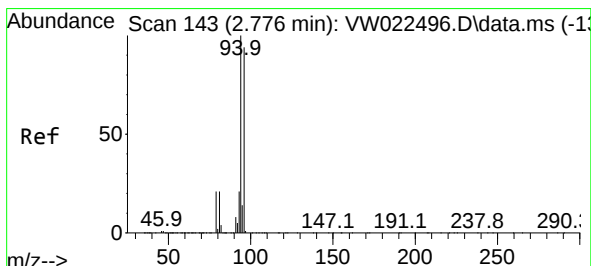
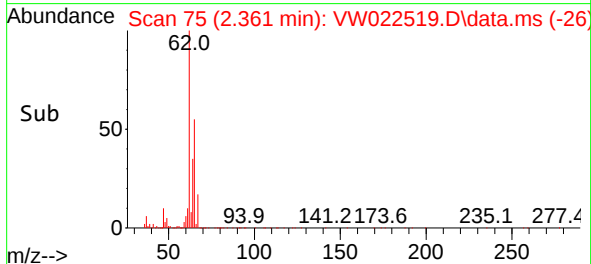
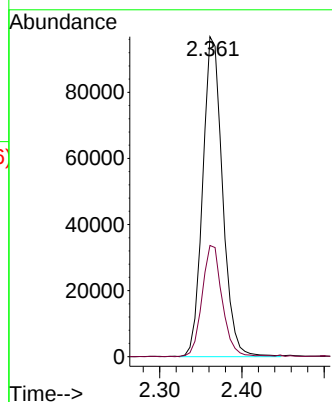
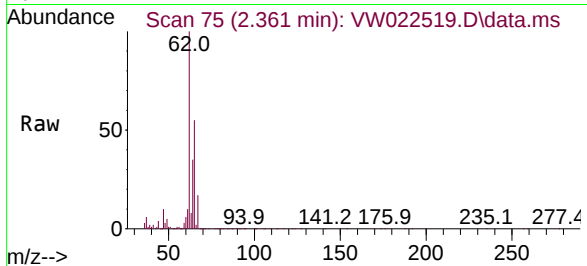




#5
 Vinyl chloride
 Concen: 16.108 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022519.D
 Acq: 12 Apr 2022 19:59

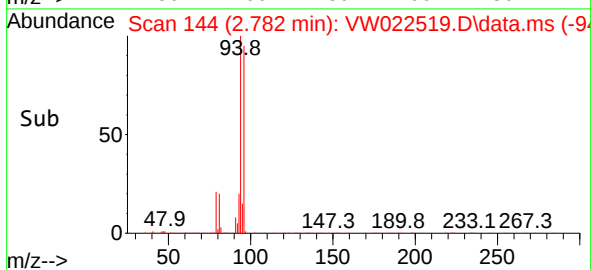
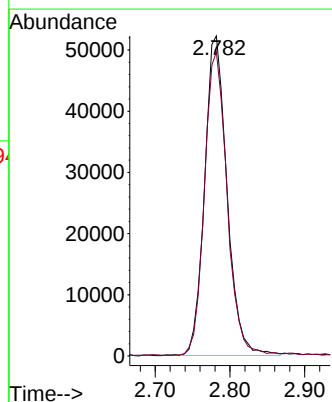
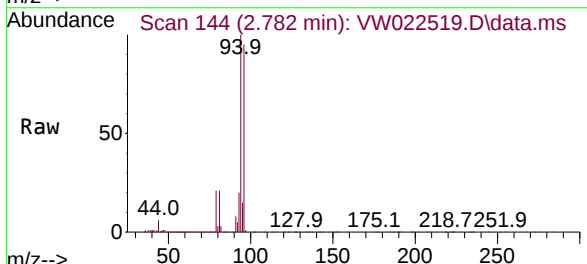
Instrument :
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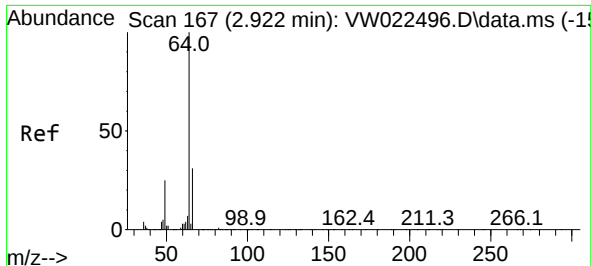
Tgt Ion: 62 Resp: 162366
 Ion Ratio Lower Upper
 62 100
 64 34.7 26.5 49.3



#6
 Bromomethane
 Concen: 17.756 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022519.D
 Acq: 12 Apr 2022 19:59

Tgt Ion: 94 Resp: 108794
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.6 123.6

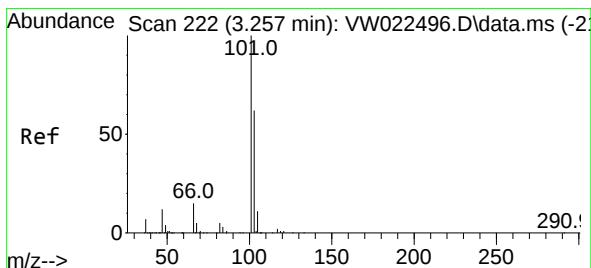
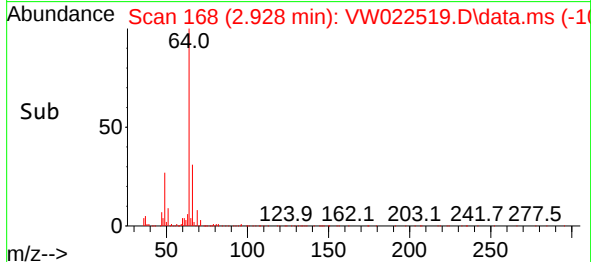
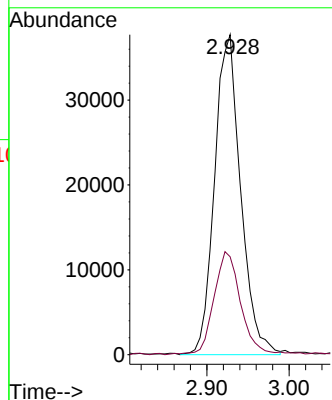
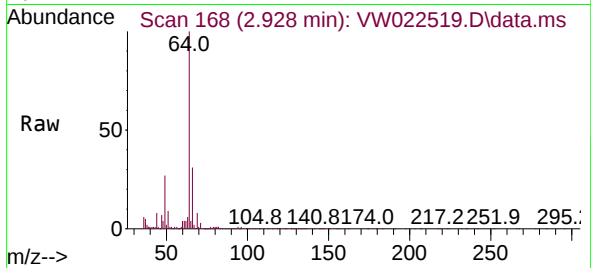




#8
Chloroethane
Concen: 18.872 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

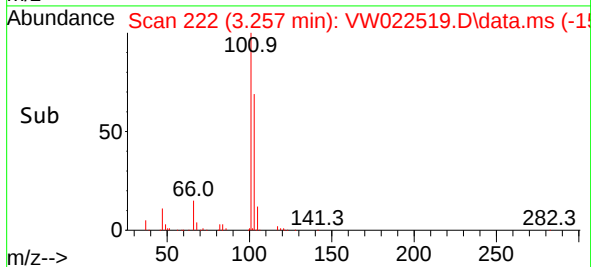
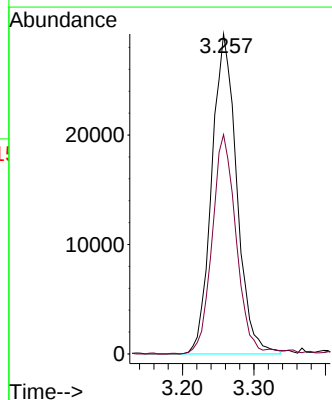
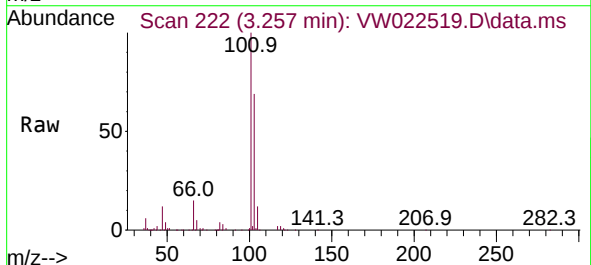
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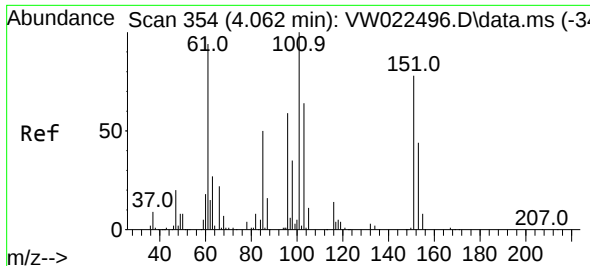
Tgt Ion: 64 Resp: 83276
Ion Ratio Lower Upper
64 100
66 30.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 19.074 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion: 101 Resp: 70981
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

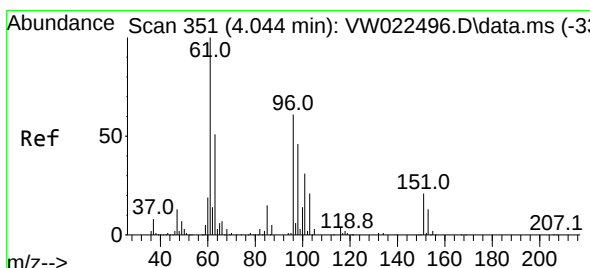
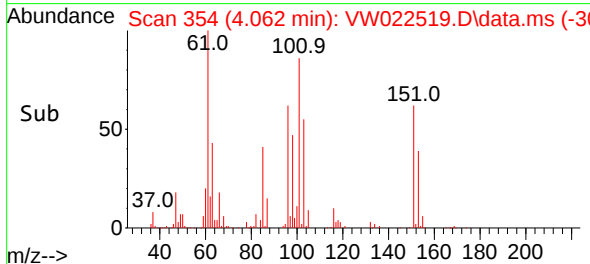
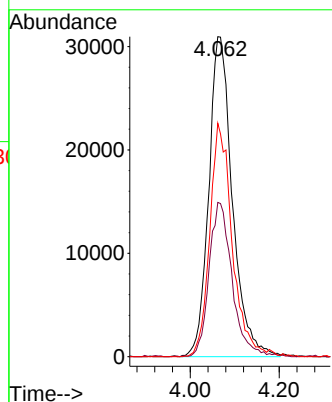
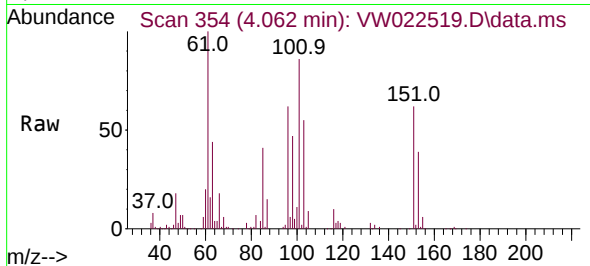




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.310 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW022519.D
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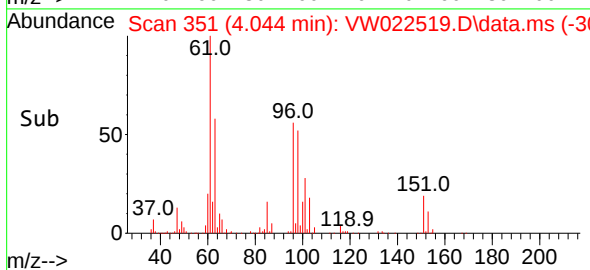
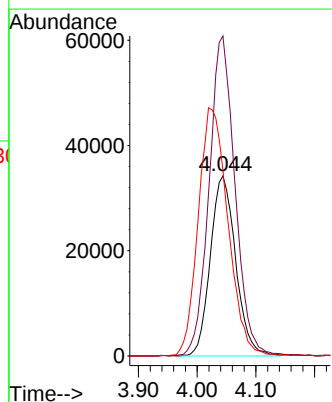
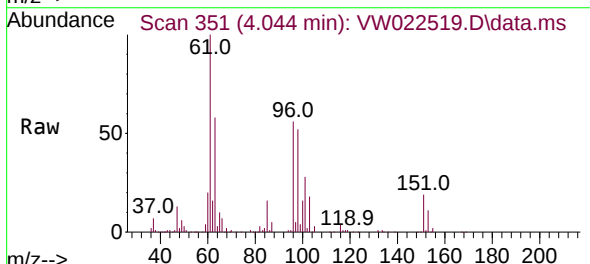
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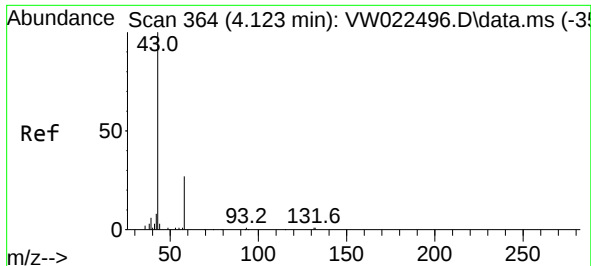
Tgt Ion: 101 Resp: 114421
 Ion Ratio Lower Upper
 101 100
 85 46.1 39.2 58.8
 151 68.9 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 19.262 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022519.D
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Tgt Ion: 96 Resp: 102506
 Ion Ratio Lower Upper
 96 100
 61 177.8 128.0 237.6
 63 103.2 86.6 160.8

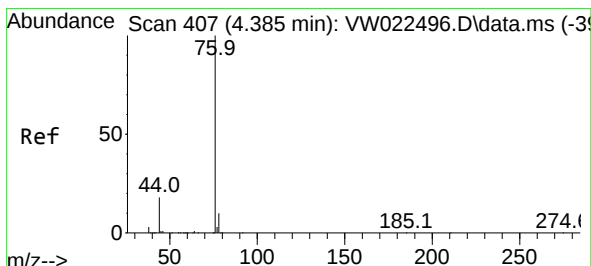
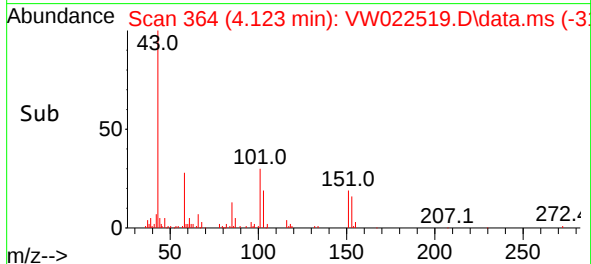
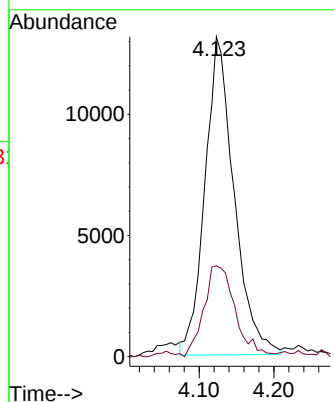
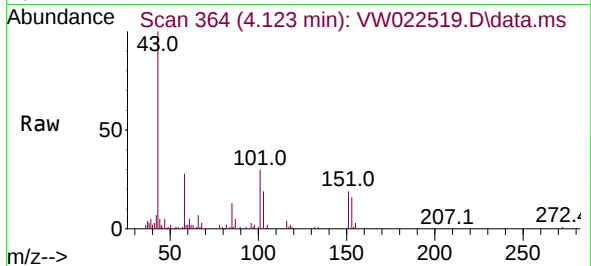




#13
Acetone
Concen: 34.164 ug/L
RT: 4.123 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW022519.D
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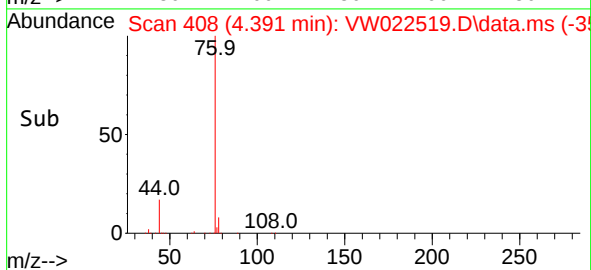
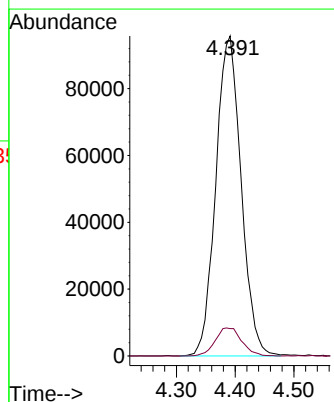
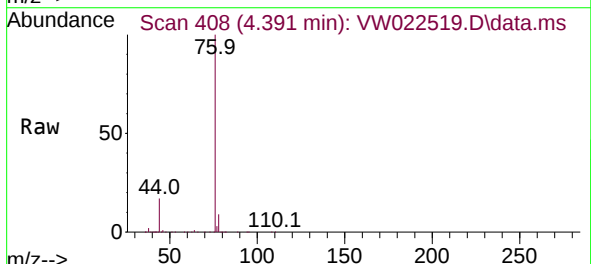
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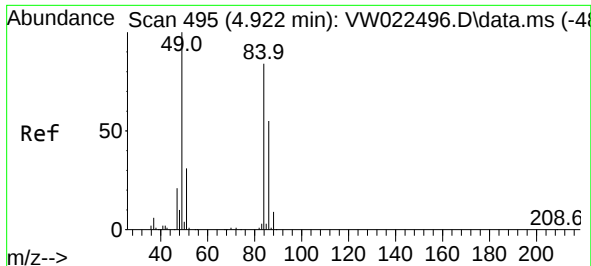
Tgt Ion: 43 Resp: 35484
Ion Ratio Lower Upper
43 100
58 29.1 0.0 57.0



#14
Carbon disulfide
Concen: 16.382 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 286792
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4





#16

Methylene chloride

Concen: 20.253 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

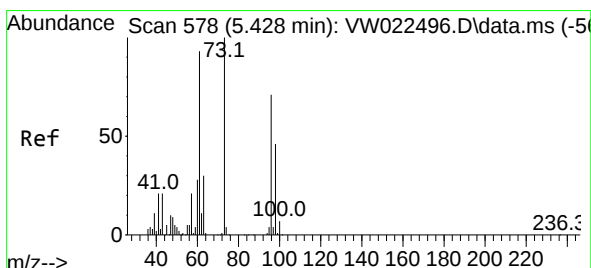
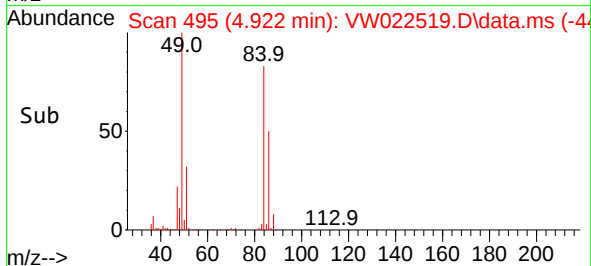
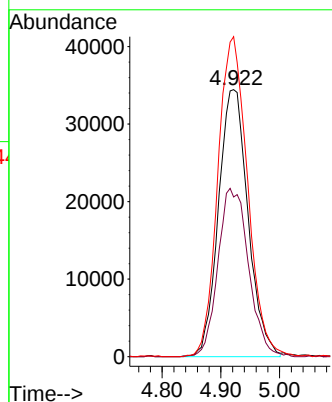
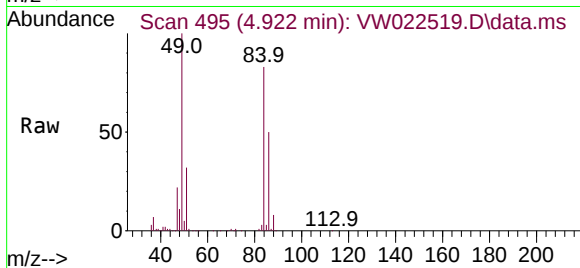
Tgt Ion: 84 Resp: 120452

Ion Ratio Lower Upper

84 100

86 59.8 42.8 79.4

49 119.9 94.2 175.0



#17

trans-1,2-Dichloroethene

Concen: 18.803 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

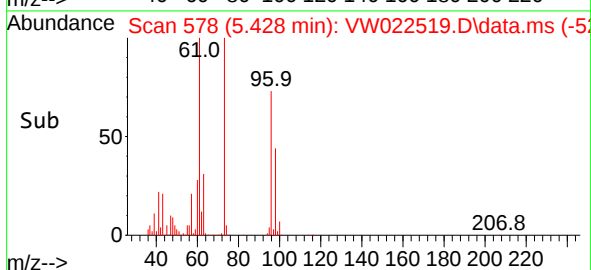
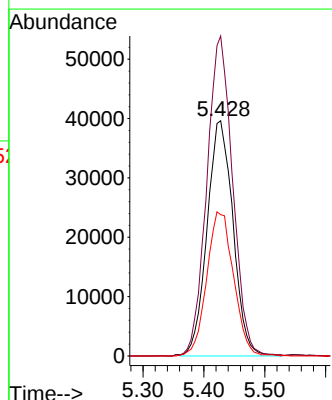
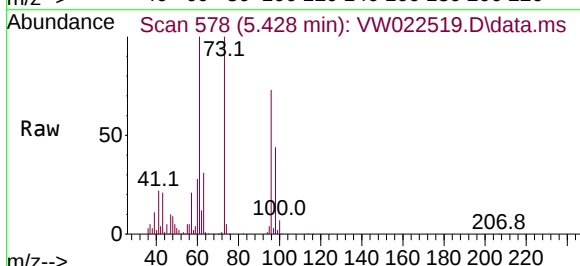
Tgt Ion: 96 Resp: 117217

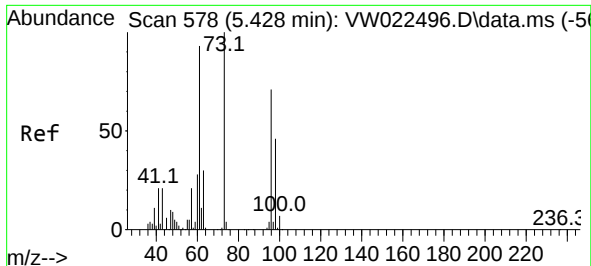
Ion Ratio Lower Upper

96 100

61 136.1 99.8 185.4

98 60.1 44.6 82.8

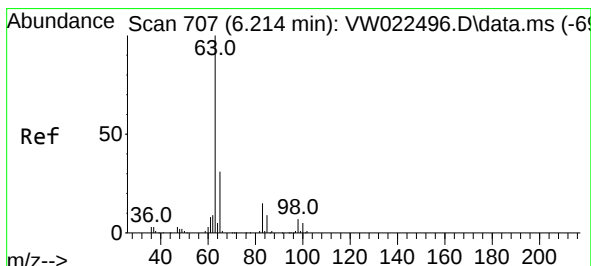
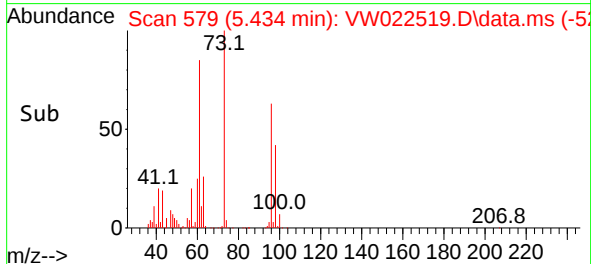
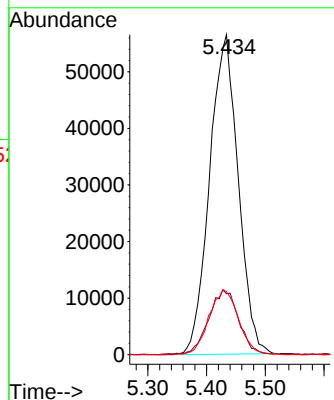
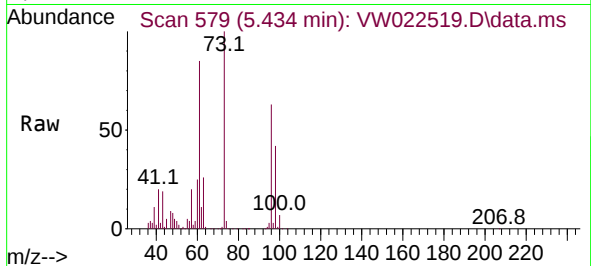




#18
Methyl tert-butyl Ether
Concen: 18.737 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

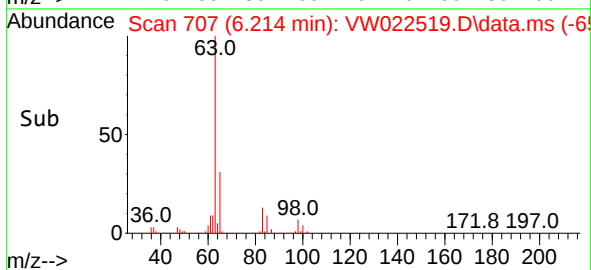
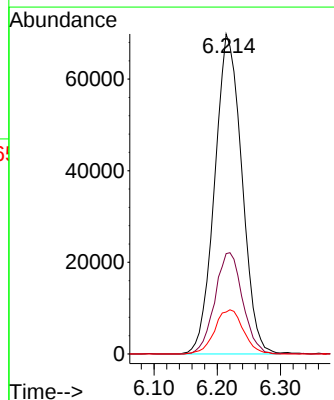
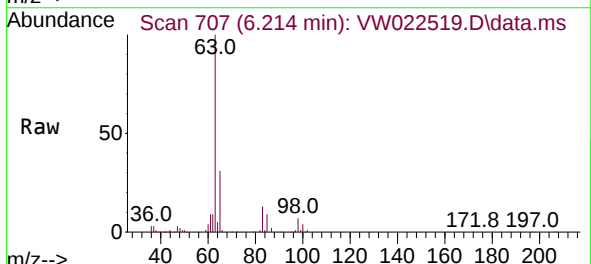
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

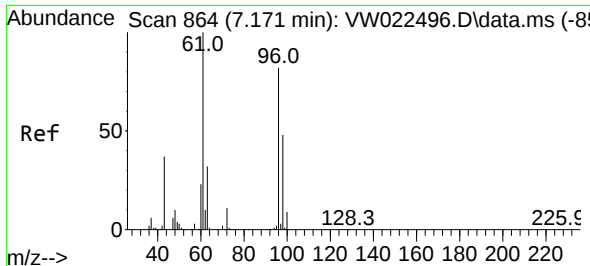
Tgt Ion: 73 Resp: 190770
Ion Ratio Lower Upper
73 100
43 20.4 18.8 28.2
57 21.1 17.5 26.3



#19
1,1-Dichloroethane
Concen: 18.299 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion: 63 Resp: 208150
Ion Ratio Lower Upper
63 100
65 31.3 21.1 39.3
83 13.1 10.1 18.9



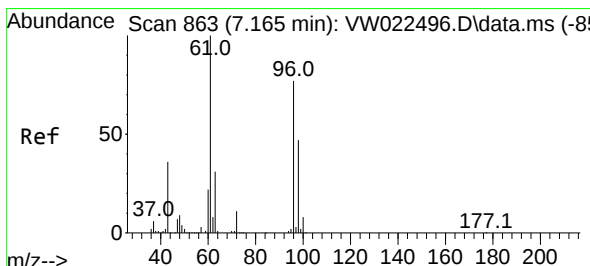
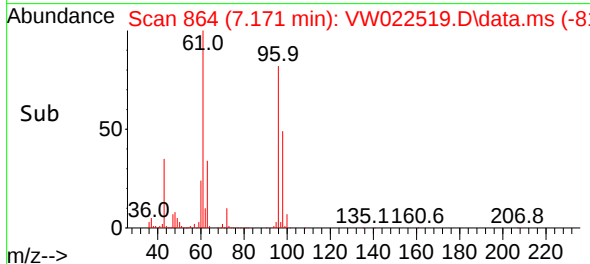
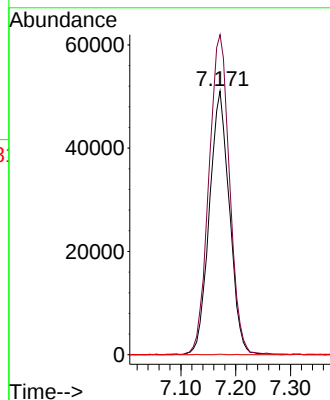
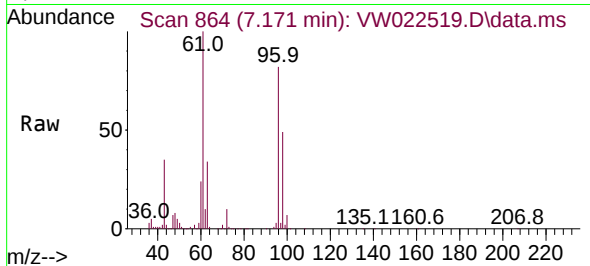


#20
 cis-1,2-Dichloroethene
 Concen: 19.721 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW022519.D
 Acq: 12 Apr 2022 19:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Tgt Ion: 96 Resp: 129847

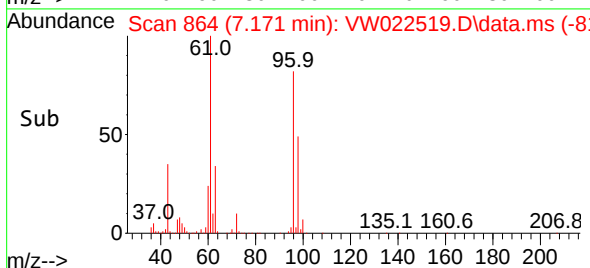
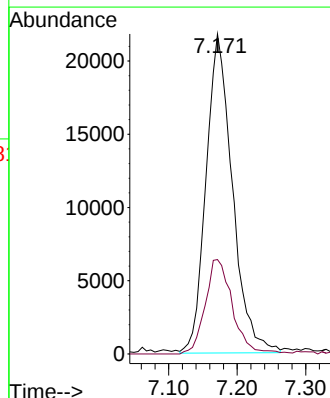
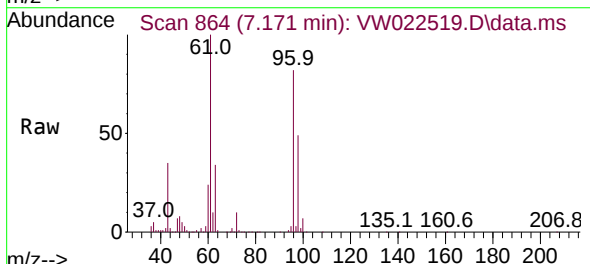
Ion	Ratio	Lower	Upper
96	100		
61	121.4	96.4	179.0
68	0.2	0.1	0.3

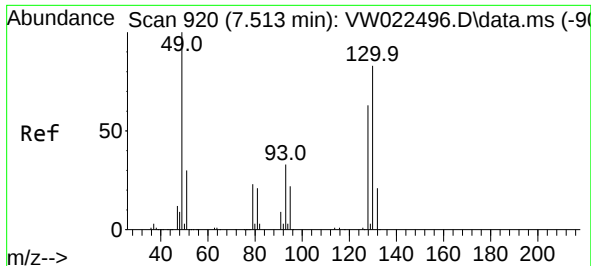


#22
 2-Butanone
 Concen: 37.107 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW022519.D
 Acq: 12 Apr 2022 19:59

Tgt Ion: 43 Resp: 58208

Ion	Ratio	Lower	Upper
43	100		
72	30.1	14.0	42.0

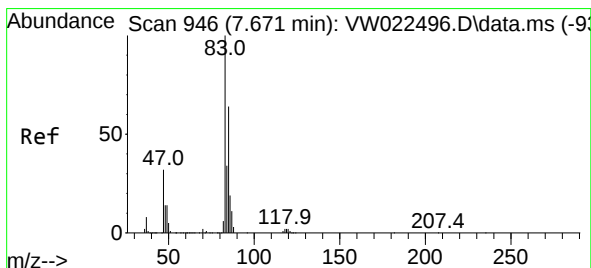
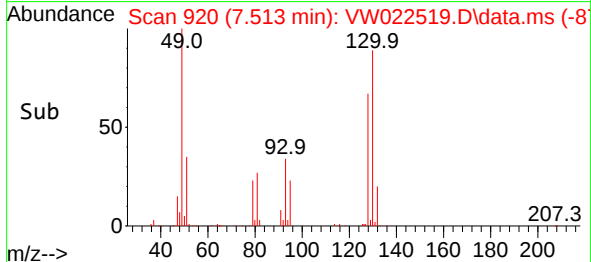
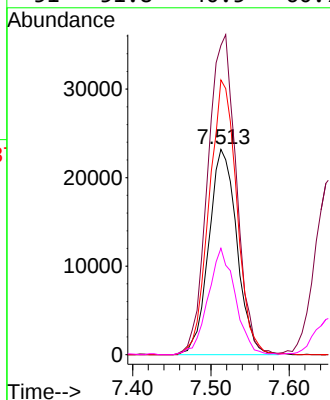
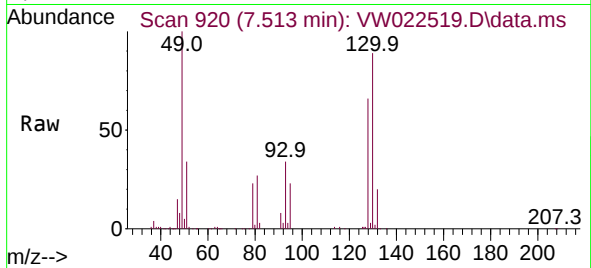




#23
Bromochloromethane
Concen: 20.416 ug/L
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

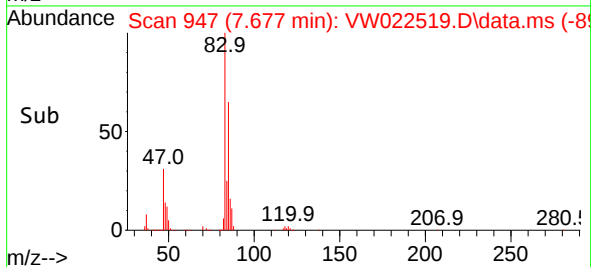
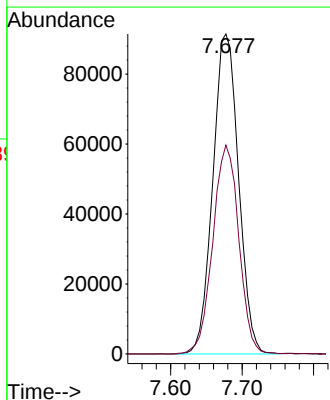
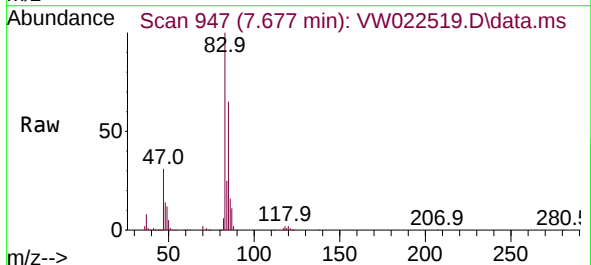
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

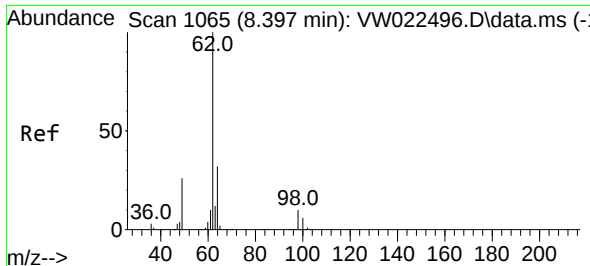
Tgt Ion:128 Resp: 57851
Ion Ratio Lower Upper
128 100
49 150.6 120.8 224.3
130 133.8 81.8 151.8
51 51.8 40.5 60.7



#25
Chloroform
Concen: 19.099 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion: 83 Resp: 228819
Ion Ratio Lower Upper
83 100
85 65.3 45.8 85.0





#27

1,2-Dichloroethane

Concen: 18.174 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

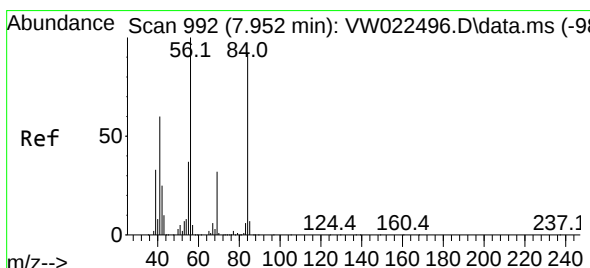
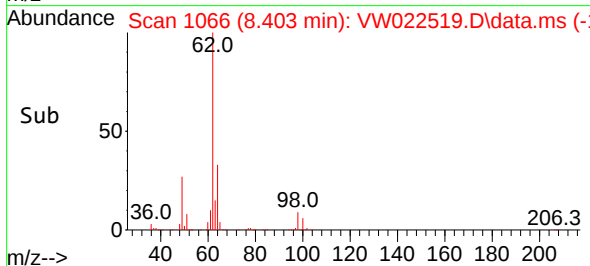
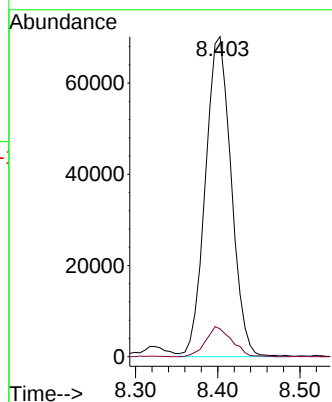
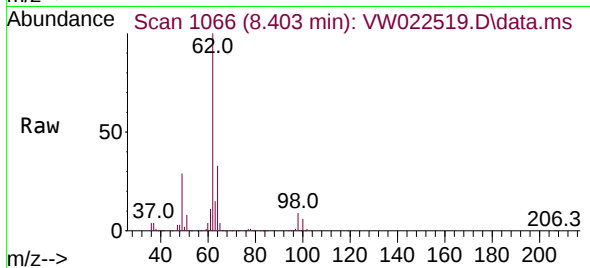
VSTD025483

Tgt Ion: 62 Resp: 153036

Ion Ratio Lower Upper

62 100

98 8.7 6.2 9.2



#29

Cyclohexane

Concen: 16.177 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

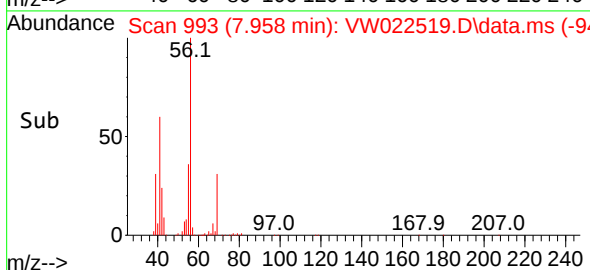
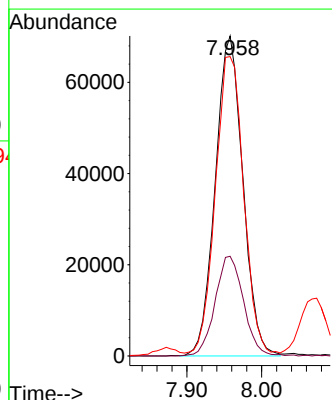
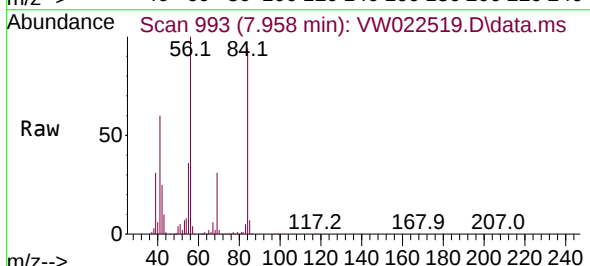
Tgt Ion: 56 Resp: 180154

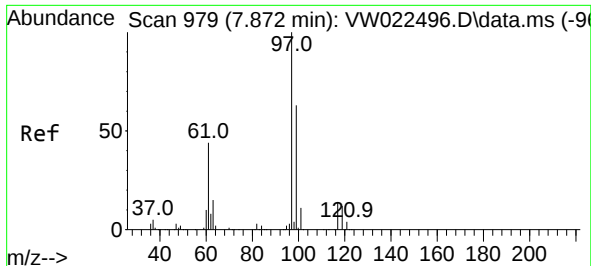
Ion Ratio Lower Upper

56 100

69 31.9 24.4 36.6

84 96.6 72.6 108.8





#30

1,1,1-Trichloroethane

Concen: 18.158 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

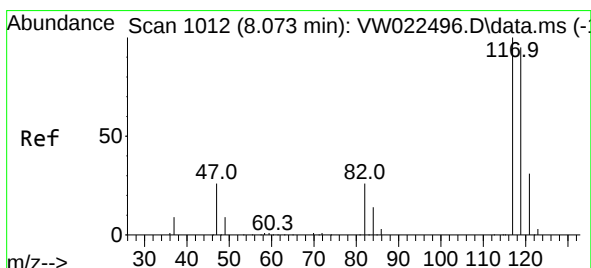
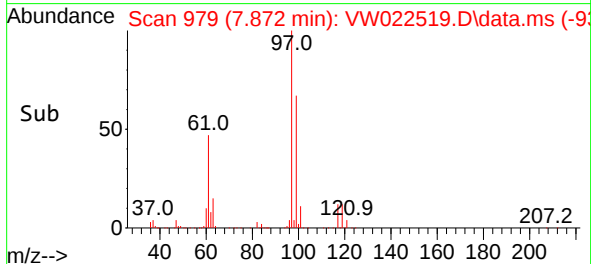
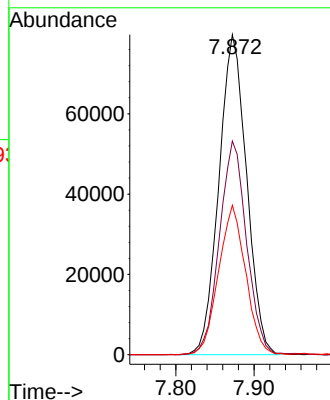
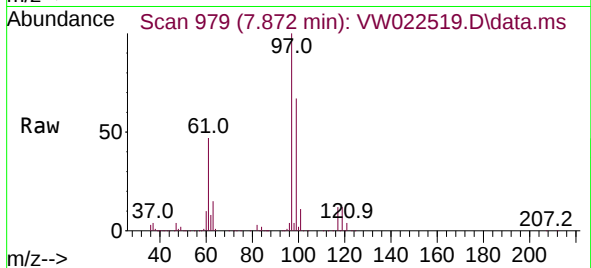
Tgt Ion: 97 Resp: 195986

Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

61 45.7 38.7 58.1



#31

Carbon tetrachloride

Concen: 18.343 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW022519.D

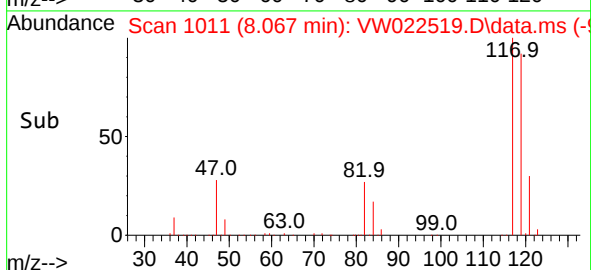
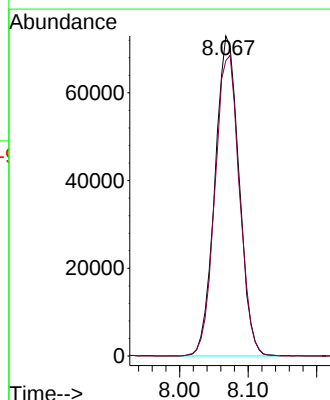
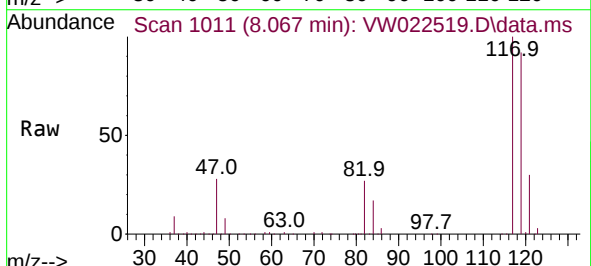
Acq: 12 Apr 2022 19:59

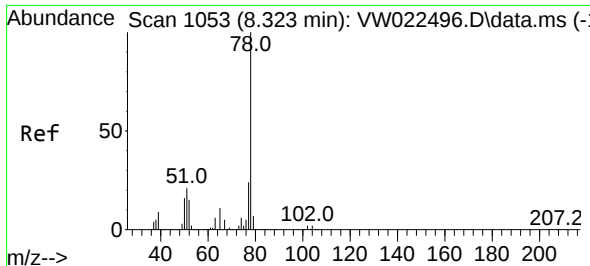
Tgt Ion: 117 Resp: 177701

Ion Ratio Lower Upper

117 100

119 95.8 75.5 113.3

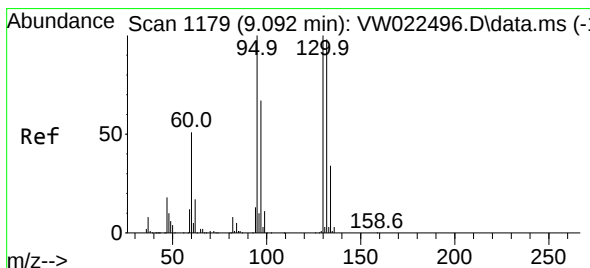
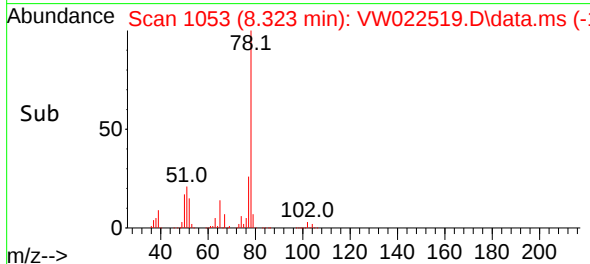
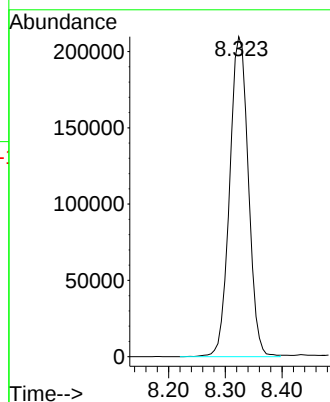
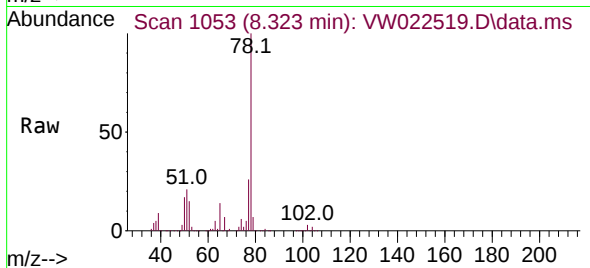




#33
Benzene
Concen: 18.201 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

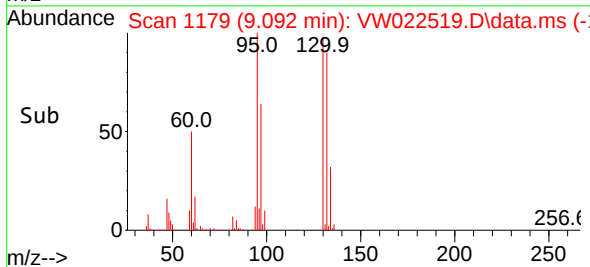
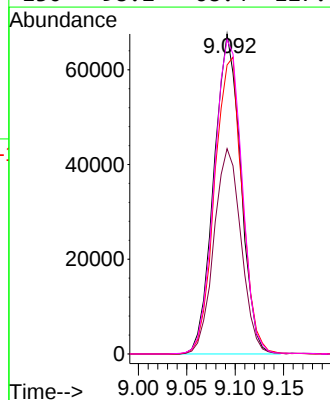
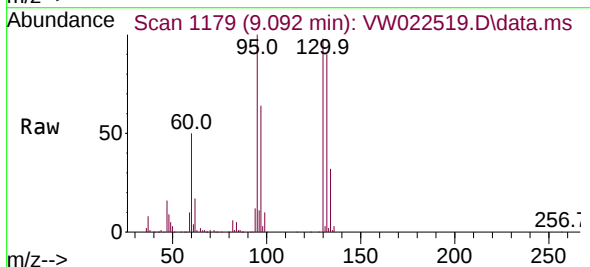
Tgt Ion: 78 Resp: 480842

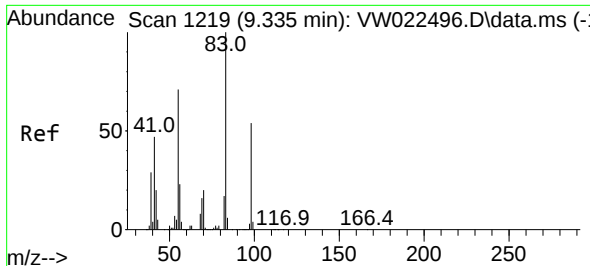


#34
Trichloroethene
Concen: 18.465 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion: 95 Resp: 130610

Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.4	86.2
132	90.3	67.4	125.2
130	98.2	68.4	127.0

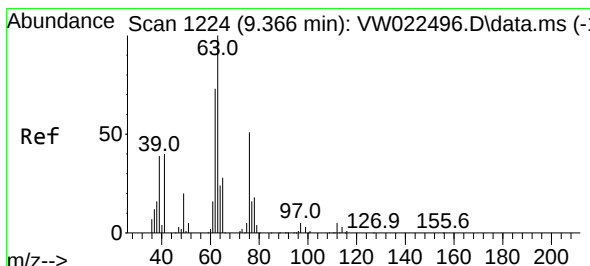
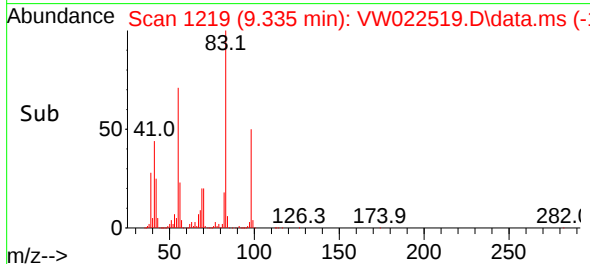
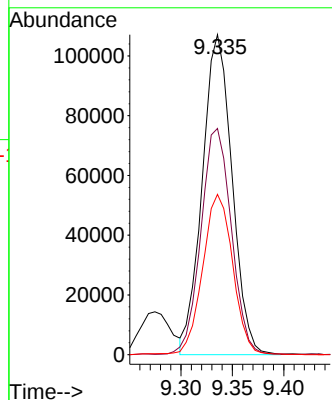
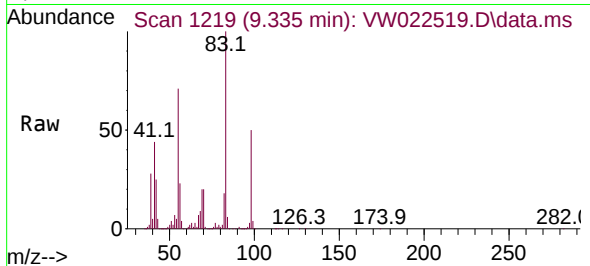




#35
Methylcyclohexane
Concen: 17.029 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

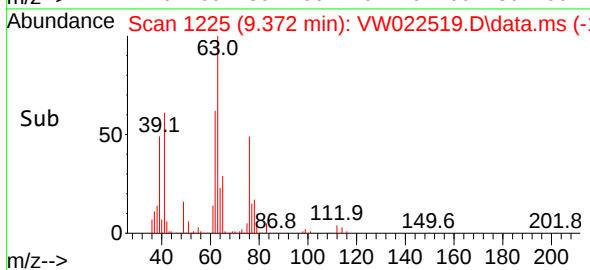
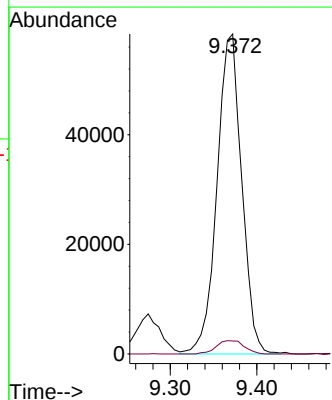
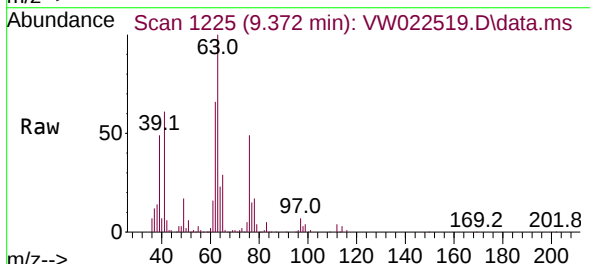
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

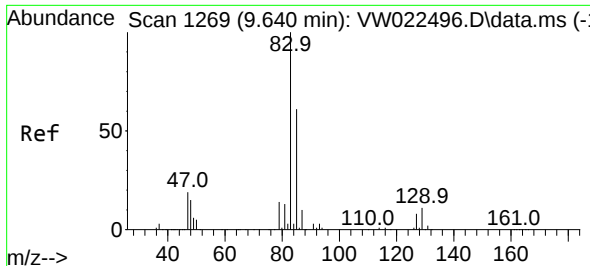
Tgt Ion: 83 Resp: 216113
Ion Ratio Lower Upper
83 100
55 72.3 61.0 91.6
98 50.8 39.2 58.8



#37
1,2-Dichloropropane
Concen: 18.285 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion: 63 Resp: 115719
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6

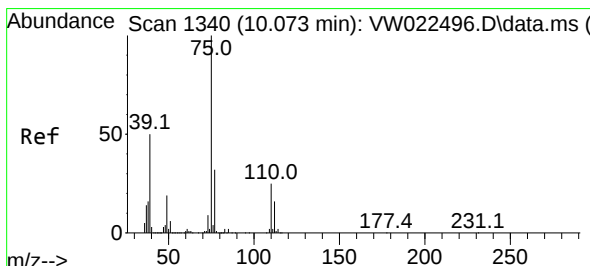
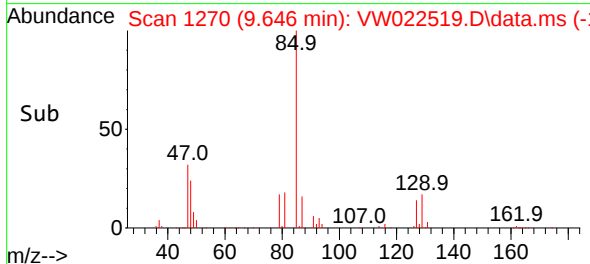
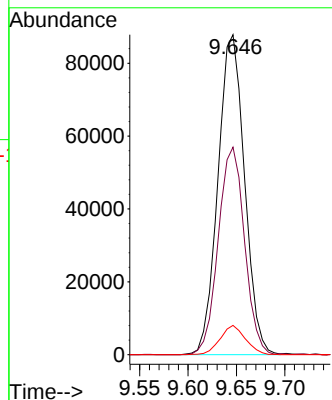
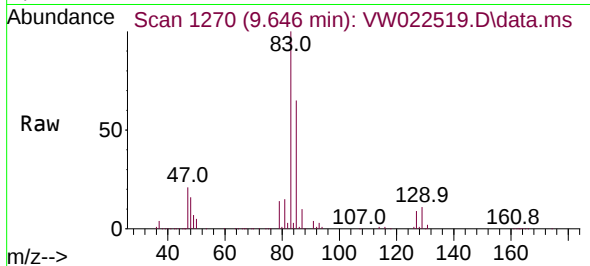




#38
Bromodichloromethane
Concen: 18.438 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

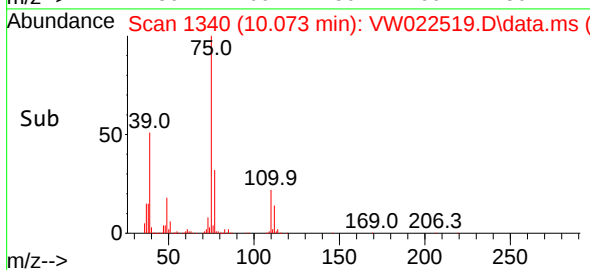
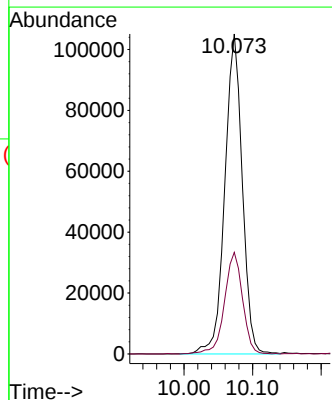
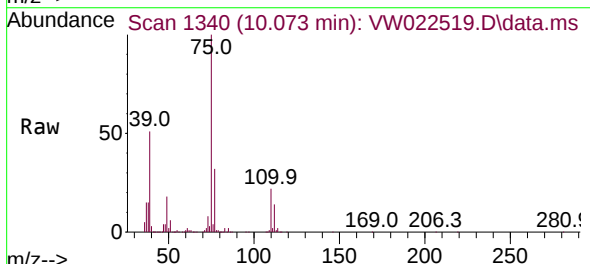
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

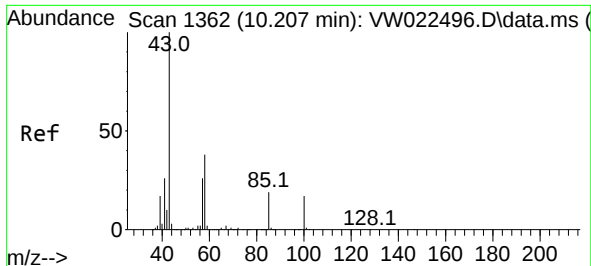
Tgt Ion: 83 Resp: 167805
Ion Ratio Lower Upper
83 100
85 64.8 45.2 84.0
127 9.1 6.0 9.0#



#39
cis-1,3-Dichloropropene
Concen: 18.486 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion: 75 Resp: 185652
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0





#40

4-Methyl-2-pentanone

Concen: 37.197 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

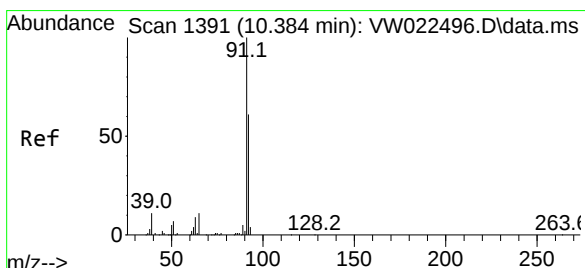
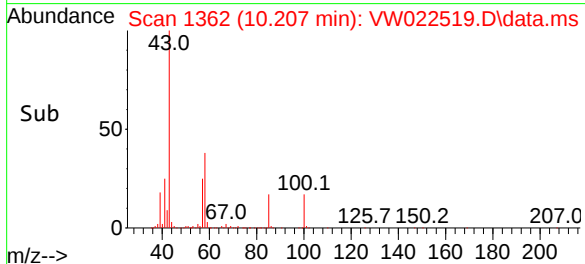
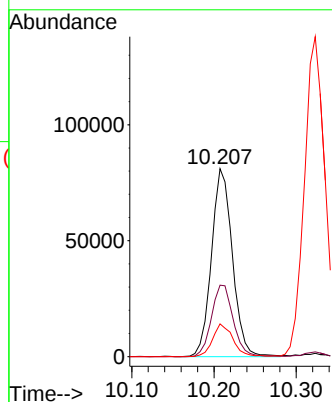
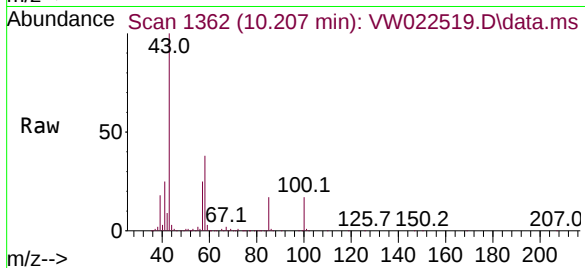
Tgt Ion: 43 Resp: 143668

Ion Ratio Lower Upper

43 100

58 39.6 29.3 43.9

100 17.0 12.2 18.4



#42

Toluene

Concen: 18.222 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022519.D

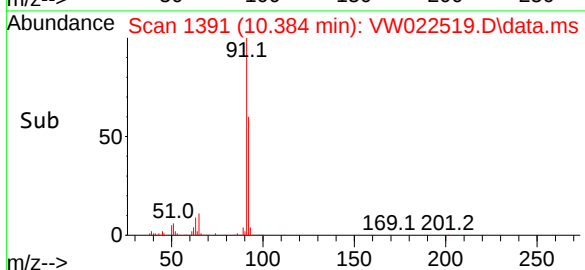
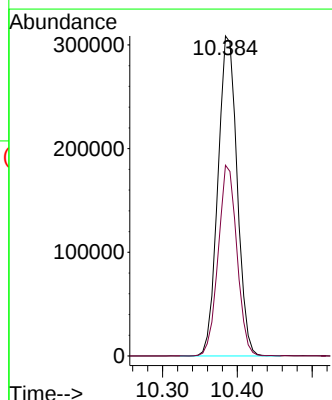
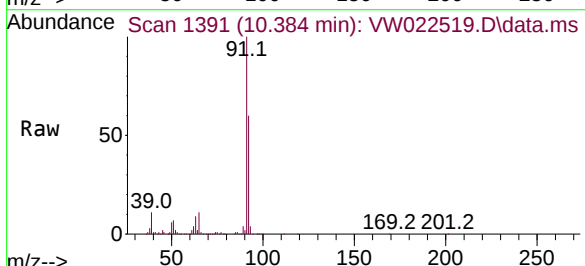
Acq: 12 Apr 2022 19:59

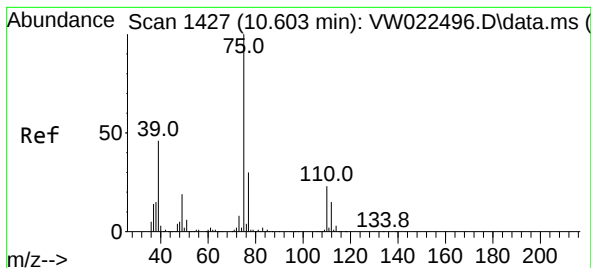
Tgt Ion: 91 Resp: 551616

Ion Ratio Lower Upper

91 100

92 59.6 38.0 70.6





#44

trans-1,3-Dichloropropene

Concen: 18.157 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

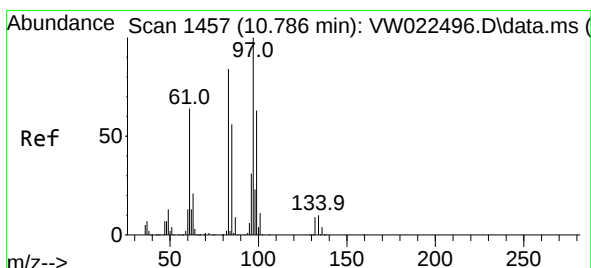
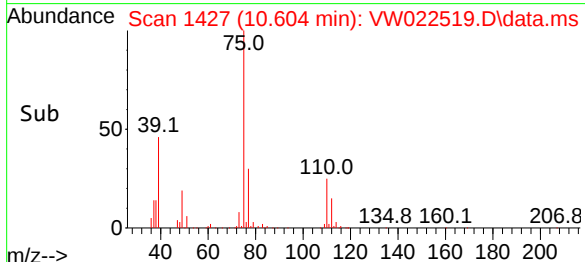
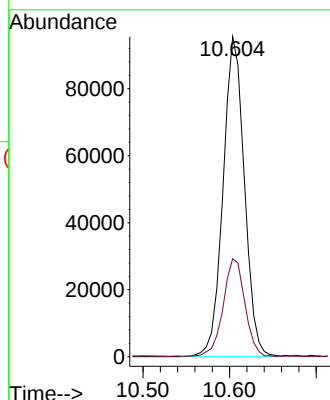
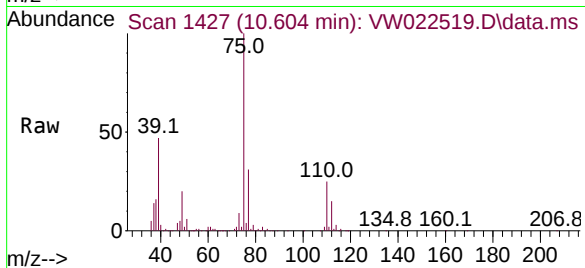
VSTD025483

Tgt Ion: 75 Resp: 163272

Ion Ratio Lower Upper

75 100

77 30.6 21.3 39.6



#45

1,1,2-Trichloroethane

Concen: 19.348 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Tgt Ion: 97 Resp: 93454

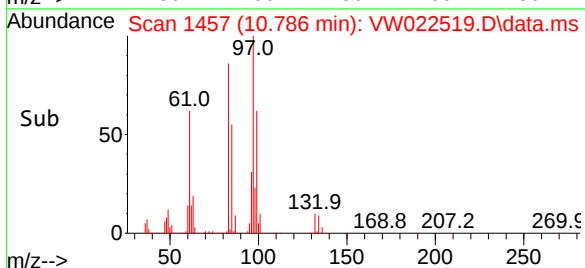
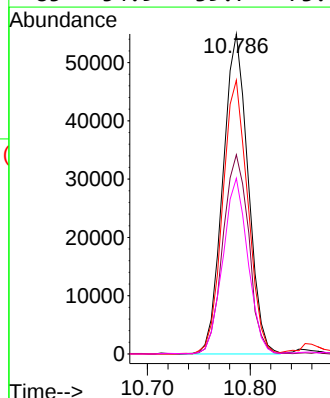
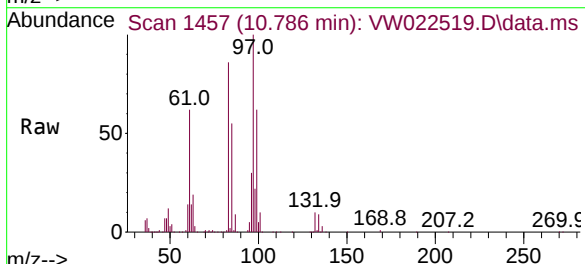
Ion Ratio Lower Upper

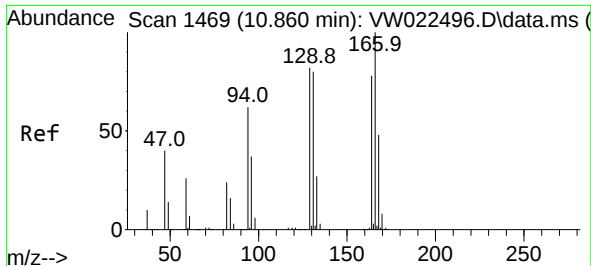
97 100

99 62.2 46.0 85.4

83 85.6 60.6 112.6

85 54.9 39.7 73.7

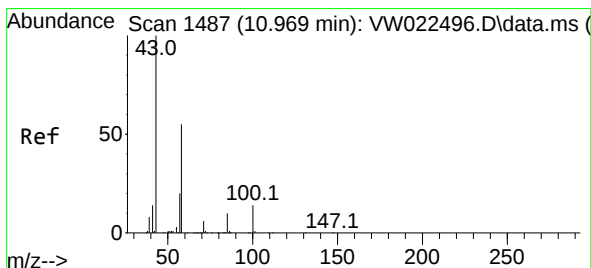
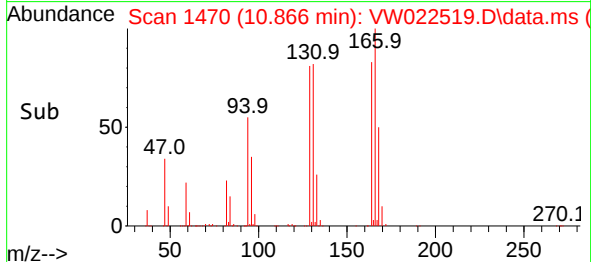
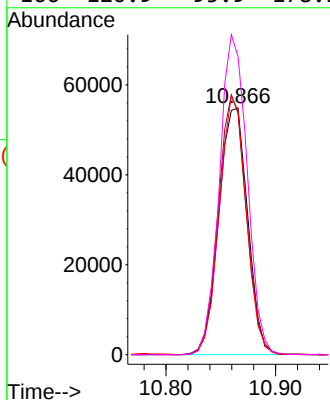
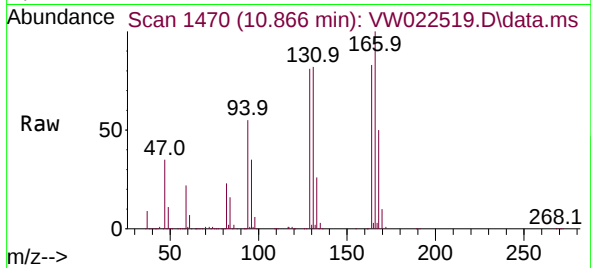




#46
Tetrachloroethene
Concen: 19.273 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

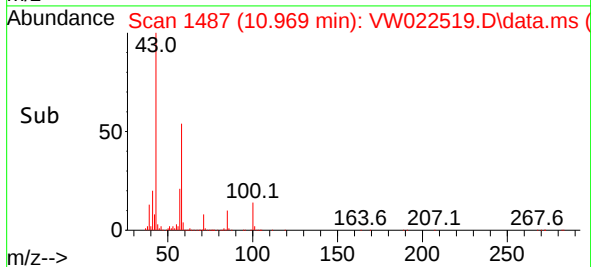
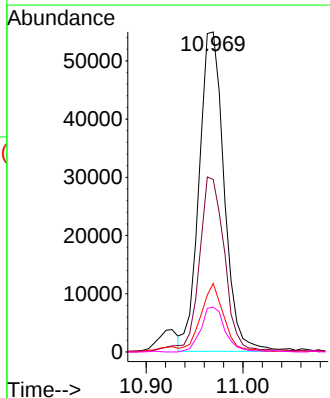
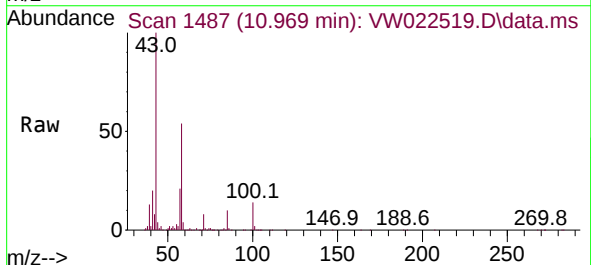
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

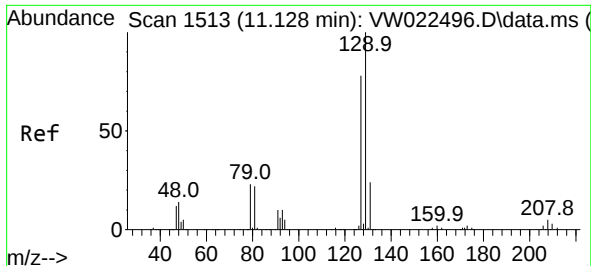
Tgt Ion:164 Resp: 100212
Ion Ratio Lower Upper
164 100
129 97.9 74.1 137.7
131 98.7 71.4 132.6
166 120.9 95.9 178.1



#48
2-Hexanone
Concen: 36.213 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion: 43 Resp: 98673
Ion Ratio Lower Upper
43 100
58 52.5 41.6 62.4
57 20.0 14.5 21.7
100 13.5 9.3 13.9





#49

Dibromochloromethane

Concen: 20.144 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

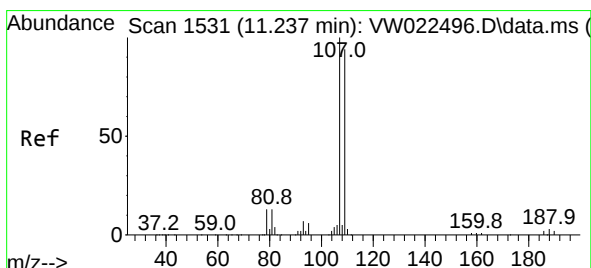
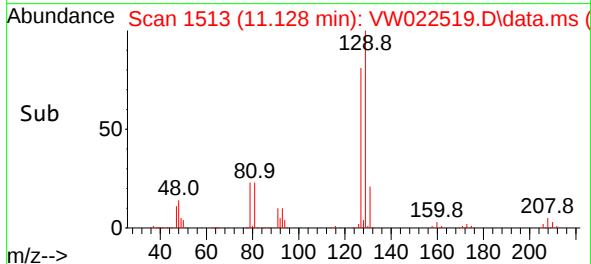
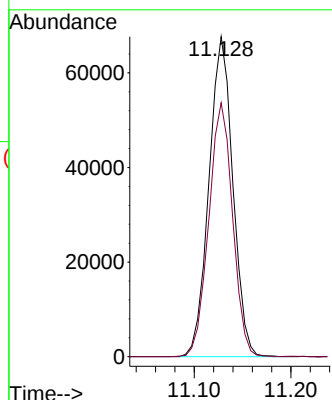
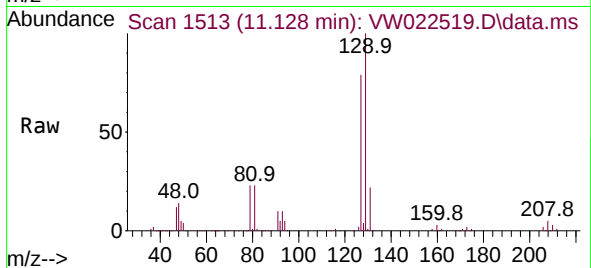
VSTD025483

Tgt Ion:129 Resp: 116040

Ion Ratio Lower Upper

129 100

127 79.3 52.6 97.6



#50

1,2-Dibromoethane

Concen: 19.230 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

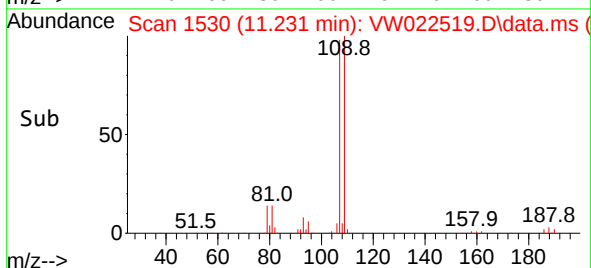
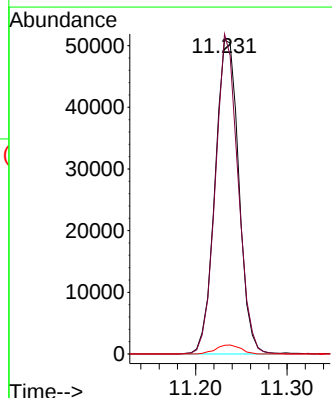
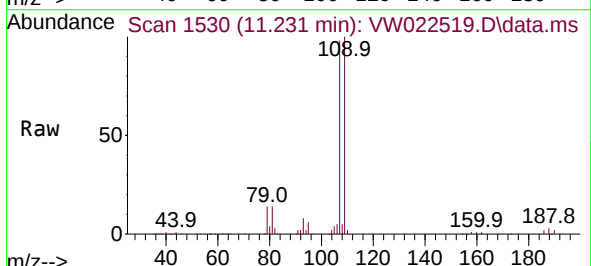
Tgt Ion:107 Resp: 91717

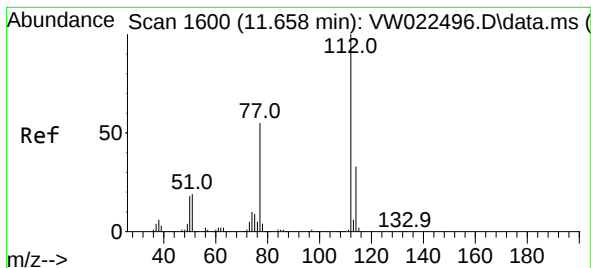
Ion Ratio Lower Upper

107 100

109 102.1 68.2 126.6

188 2.8 2.8 4.2#





#51

Chlorobenzene

Concen: 19.694 ug/L

RT: 11.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

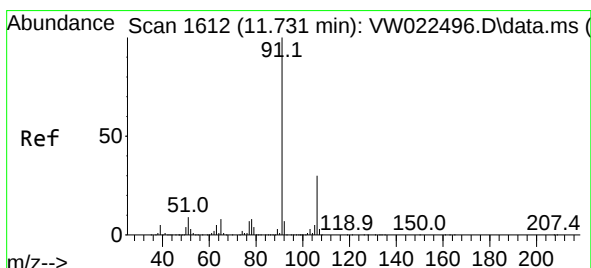
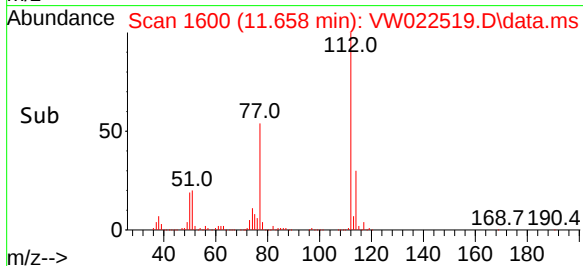
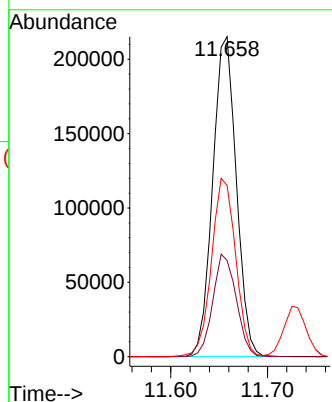
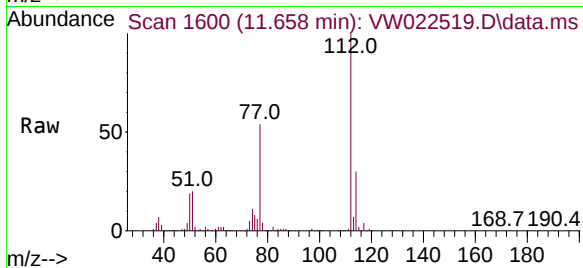
Tgt Ion:112 Resp: 364315

Ion Ratio Lower Upper

112 100

114 30.0 20.5 38.1

77 53.5 48.1 72.1



#52

Ethylbenzene

Concen: 18.339 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW022519.D

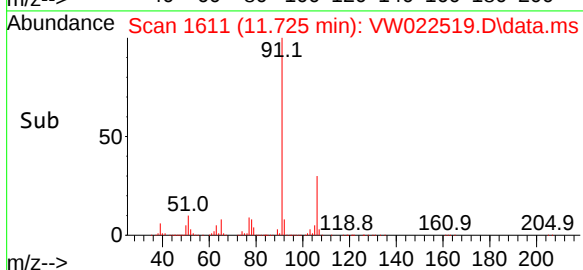
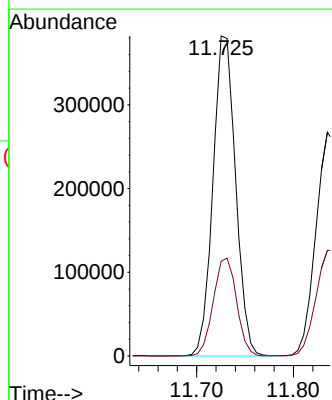
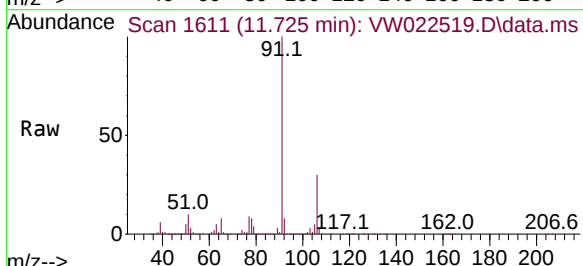
Acq: 12 Apr 2022 19:59

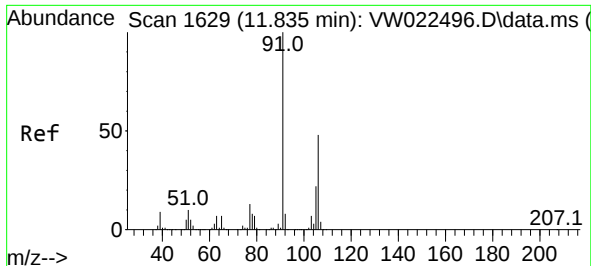
Tgt Ion: 91 Resp: 622278

Ion Ratio Lower Upper

91 100

106 29.6 20.5 38.1

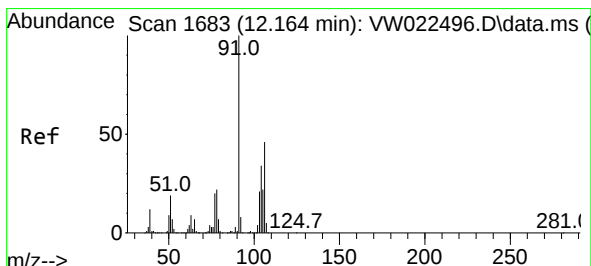
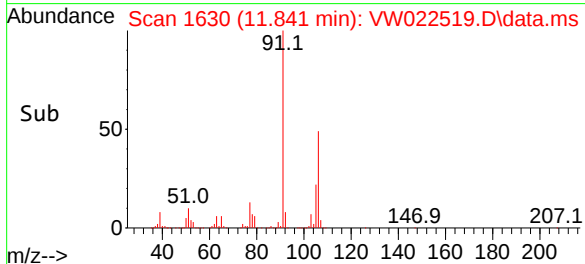
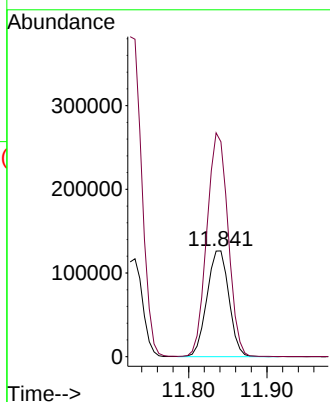
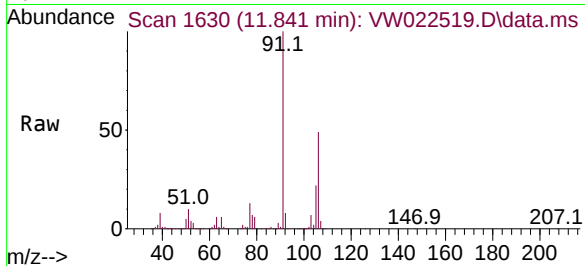




#53
m,p-Xylene
Concen: 19.101 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

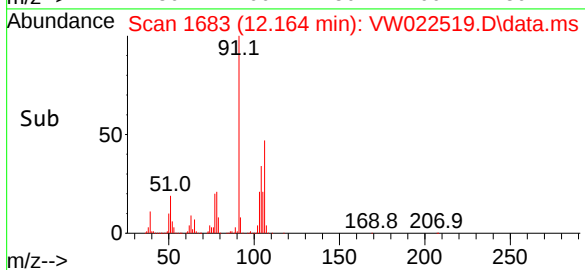
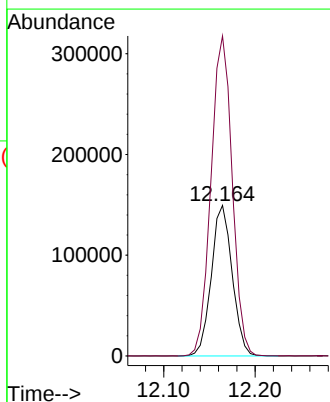
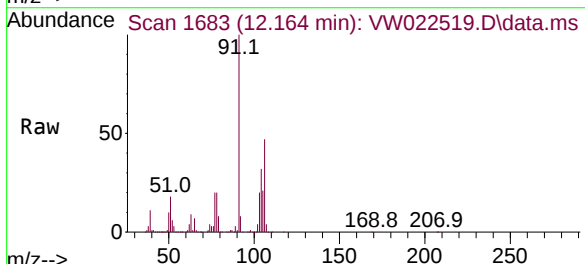
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

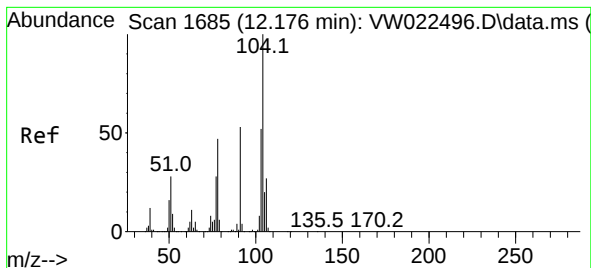
Tgt Ion:106 Resp: 246440
Ion Ratio Lower Upper
106 100
91 203.2 149.9 278.5



#54
o-Xylene
Concen: 19.284 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion:106 Resp: 237744
Ion Ratio Lower Upper
106 100
91 212.5 155.3 288.3





#55

Styrene

Concen: 19.316 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

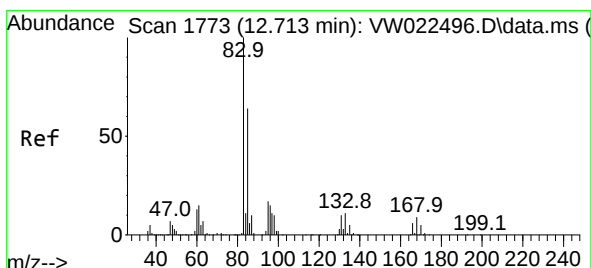
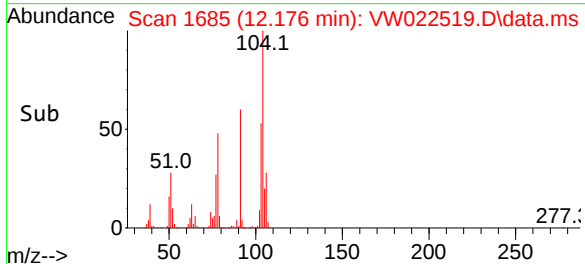
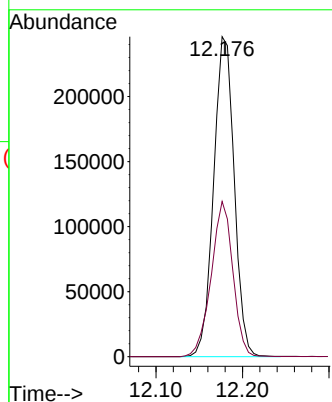
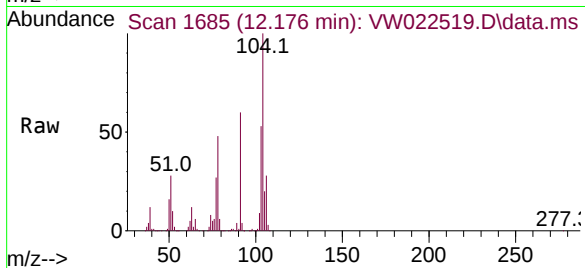
VSTD025483

Tgt Ion:104 Resp: 406864

Ion Ratio Lower Upper

104 100

78 48.5 34.4 64.0



#57

1,1,2,2-Tetrachloroethane

Concen: 19.362 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

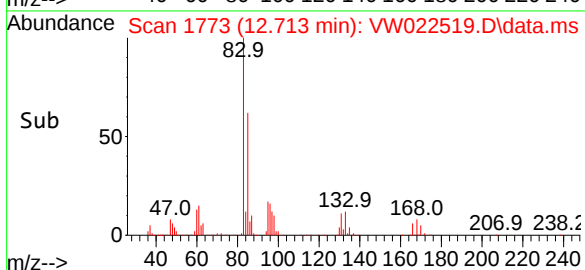
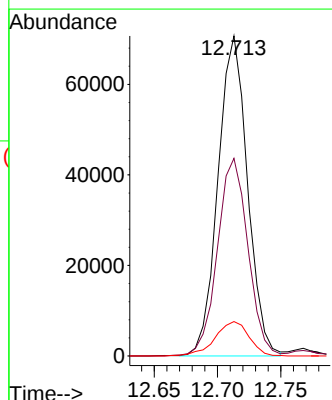
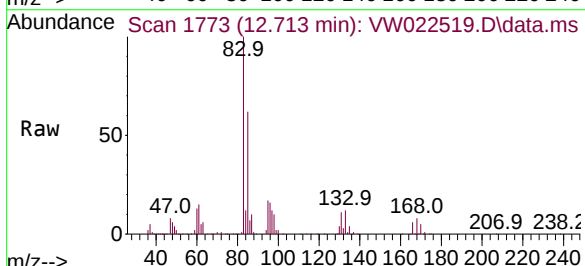
Tgt Ion: 83 Resp: 114786

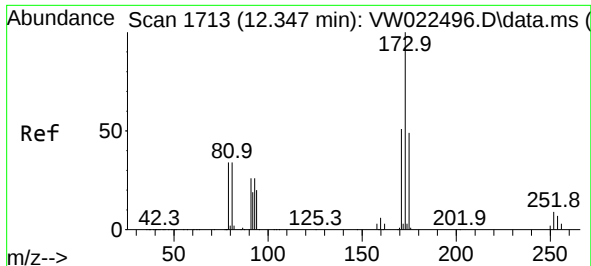
Ion Ratio Lower Upper

83 100

85 61.8 45.5 84.5

131 10.7 7.8 11.8

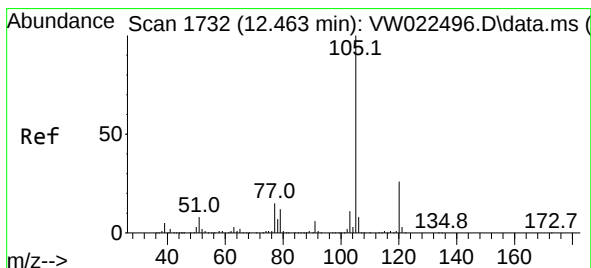
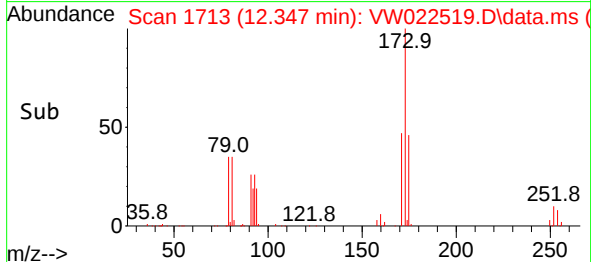
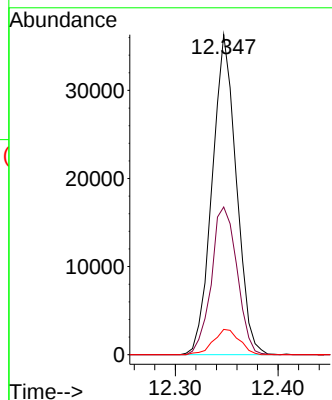
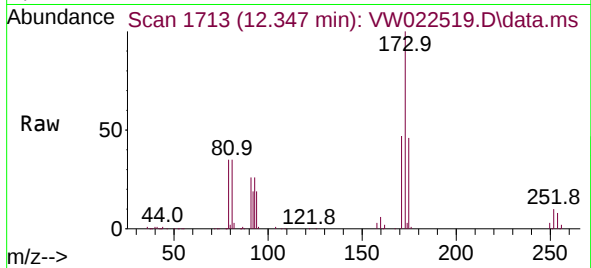




#59
Bromoform
Concen: 18.670 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

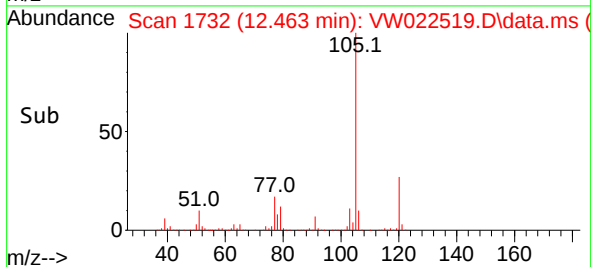
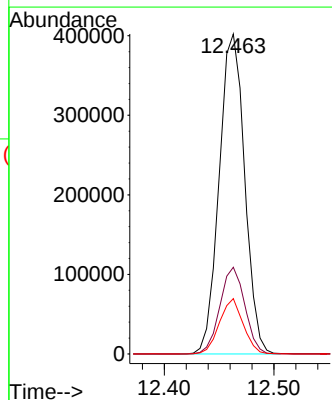
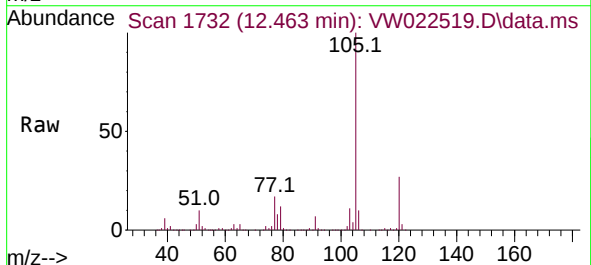
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

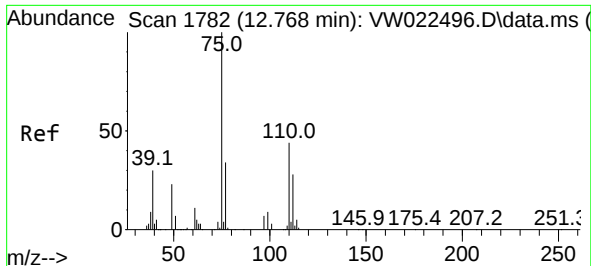
Tgt Ion:173 Resp: 59234
Ion Ratio Lower Upper
173 100
175 49.1 39.2 58.8
254 8.6 6.6 9.8



#60
Isopropylbenzene
Concen: 18.318 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion:105 Resp: 649714
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.2 13.7 20.5

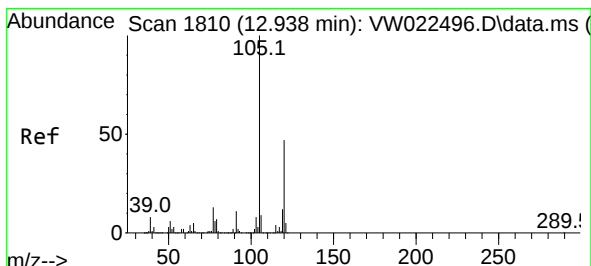
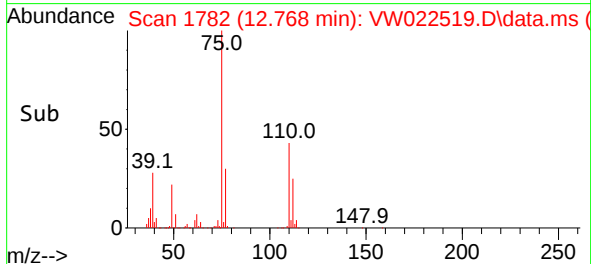
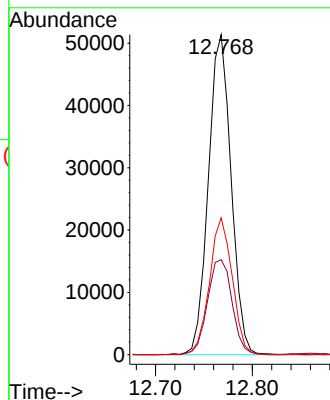
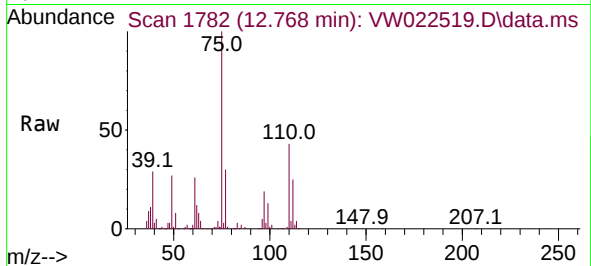




#61
1,2,3-Trichloropropane
Concen: 18.484 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

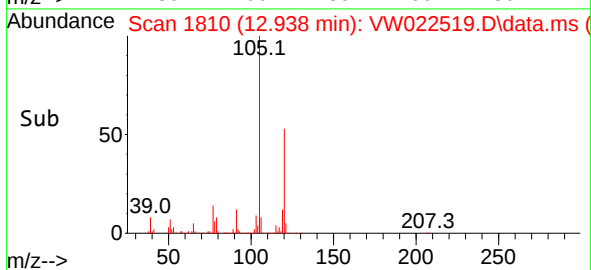
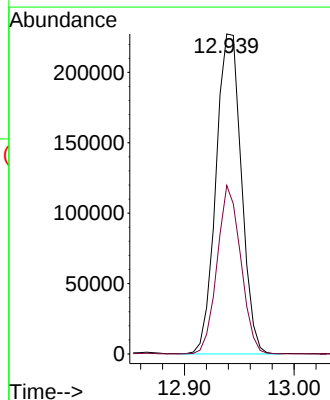
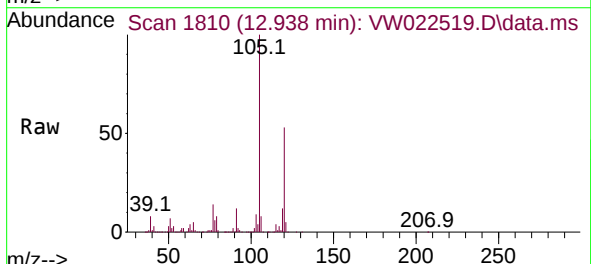
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

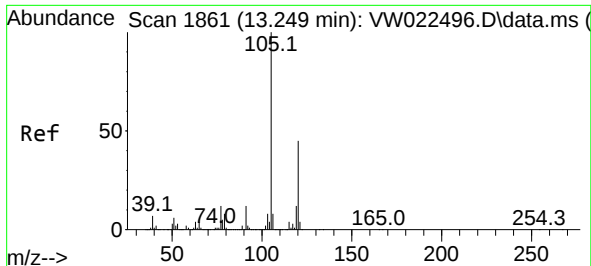
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
110	42.7	31.8	47.6



#62
1,3,5-Trimethylbenzene
Concen: 18.805 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	37.5	56.3

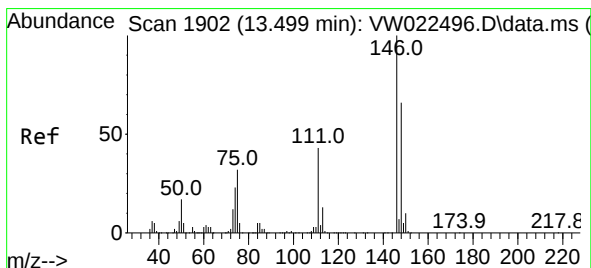
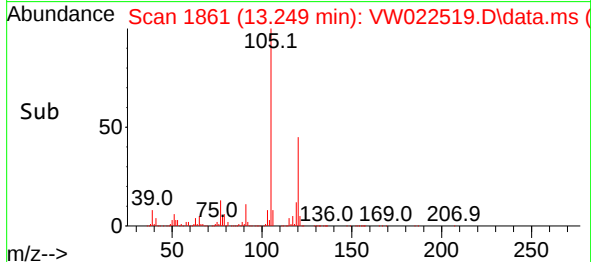
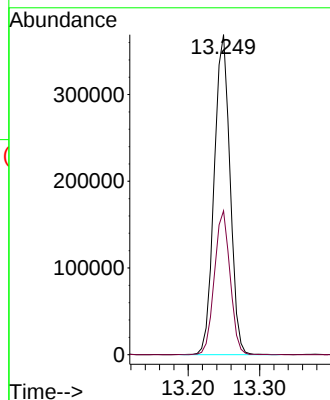
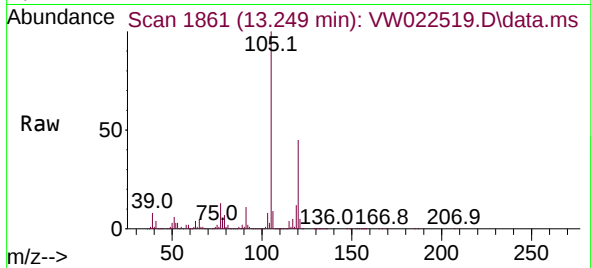




#63
1,2,4-Trimethylbenzene
Concen: 19.112 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

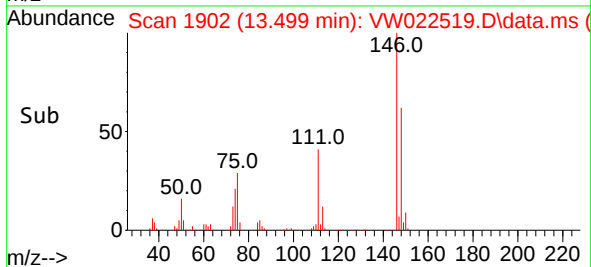
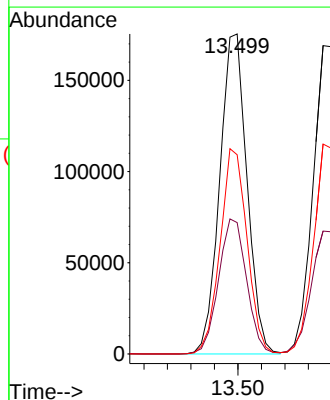
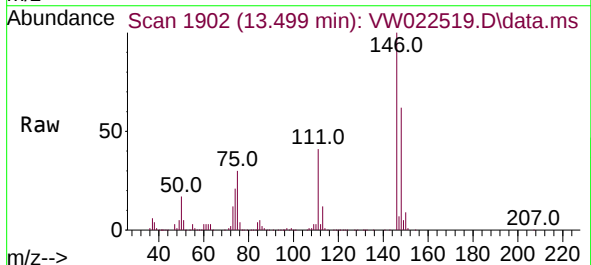
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

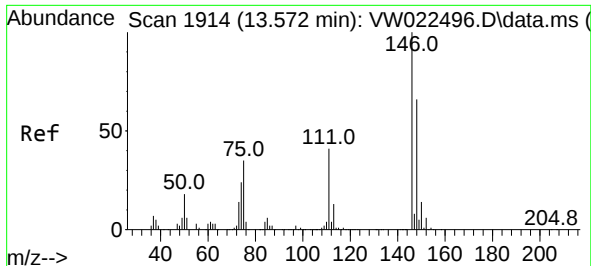
Tgt Ion:105 Resp: 566910
Ion Ratio Lower Upper
105 100
120 44.4 34.2 51.2



#64
1,3-Dichlorobenzene
Concen: 19.652 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion:146 Resp: 282891
Ion Ratio Lower Upper
146 100
111 41.0 28.2 52.4
148 62.3 41.9 77.7

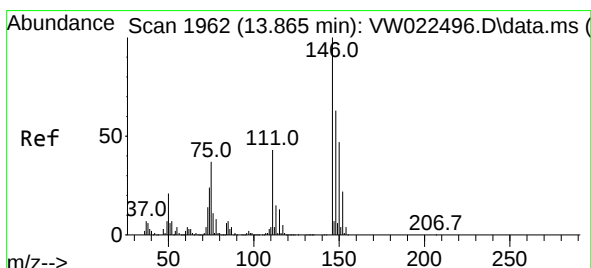
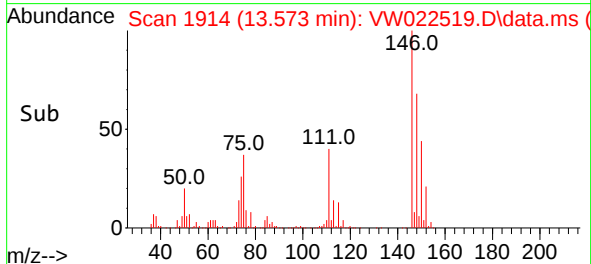
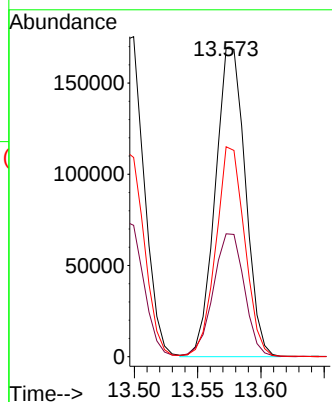
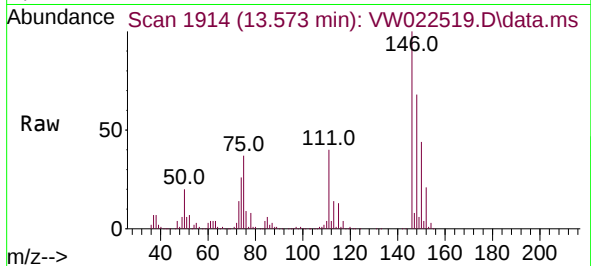




#65
1,4-Dichlorobenzene
Concen: 19.474 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

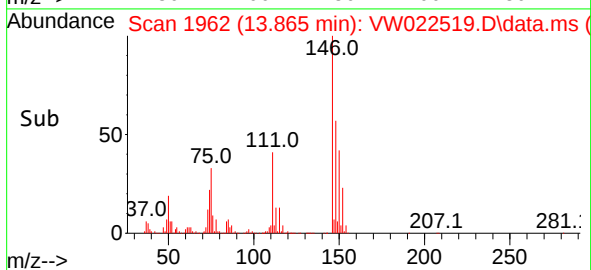
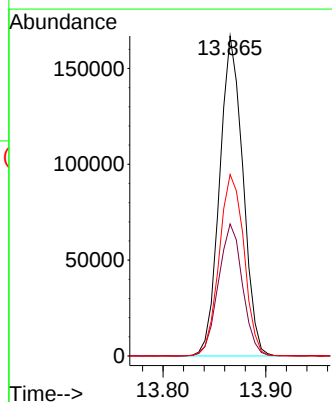
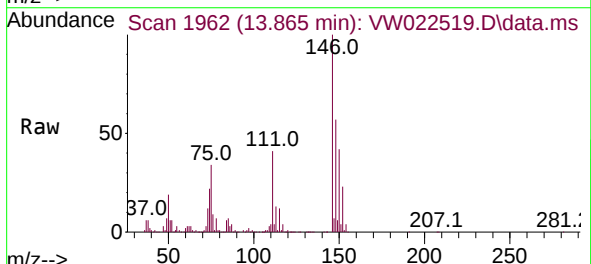
Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

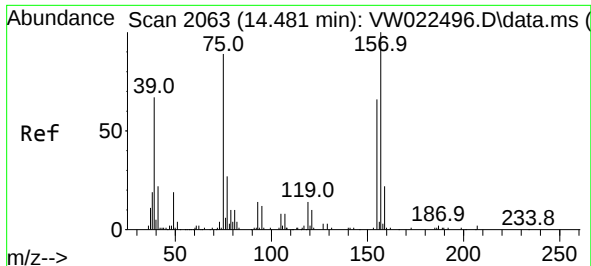
Tgt Ion:146 Resp: 279577
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 68.1 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 20.449 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022519.D
Acq: 12 Apr 2022 19:59

Tgt Ion:146 Resp: 263254
Ion Ratio Lower Upper
146 100
111 41.3 39.0 58.4
148 56.7 52.1 78.1





#68

1,2-Dibromo-3-chloropropane

Concen: 19.434 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

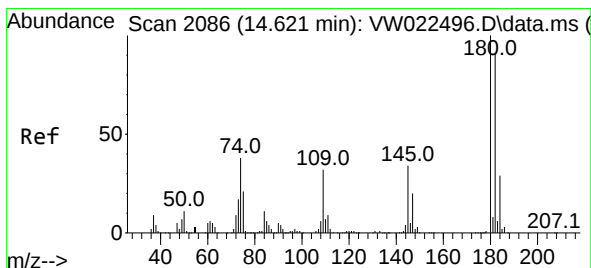
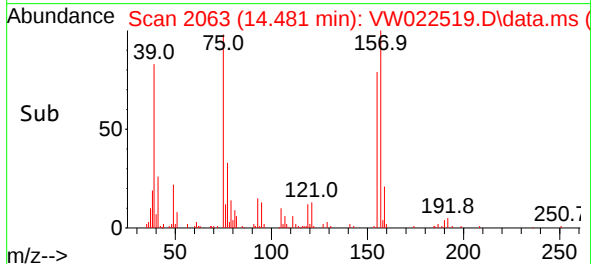
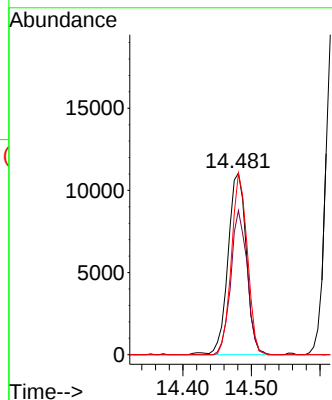
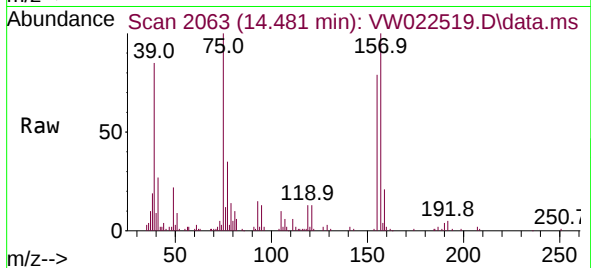
Tgt Ion: 75 Resp: 20471

Ion Ratio Lower Upper

75 100

155 79.4 55.6 83.4

157 99.9 69.8 104.6



#69

1,3,5-Trichlorobenzene

Concen: 19.588 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Tgt Ion:180 Resp: 183967

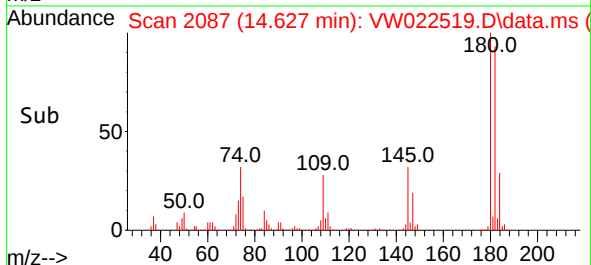
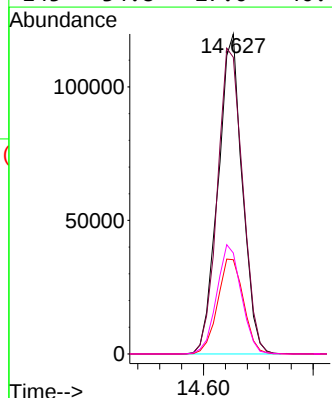
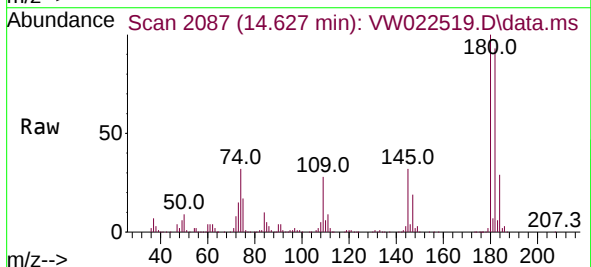
Ion Ratio Lower Upper

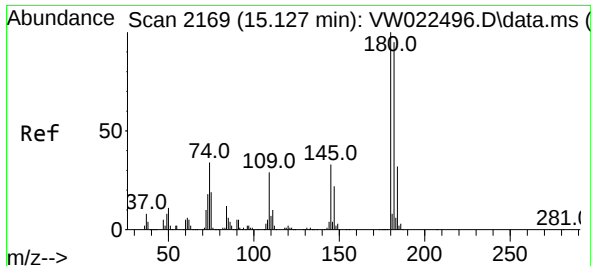
180 100

182 99.9 79.1 118.7

184 31.7 24.5 36.7

145 34.8 27.0 40.4





#70

1,2,4-trichlorobenzene

Concen: 20.169 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483

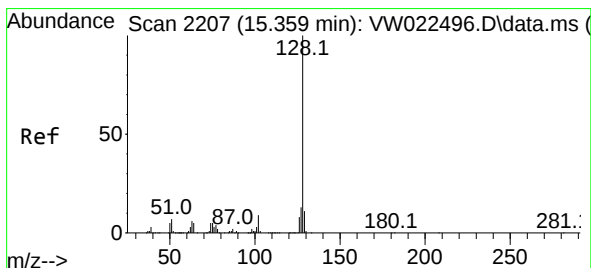
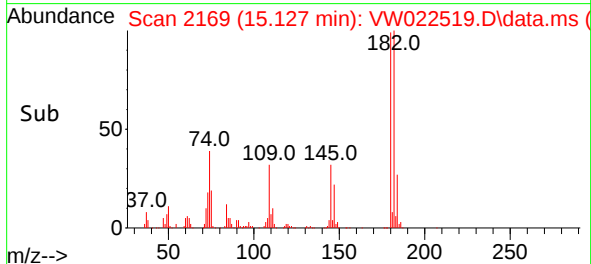
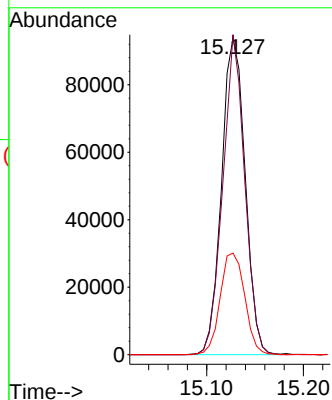
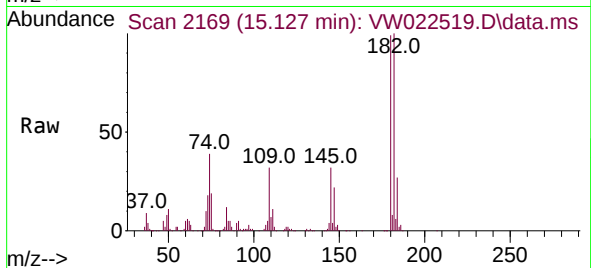
Tgt Ion:180 Resp: 159090

Ion Ratio Lower Upper

180 100

182 93.6 72.8 109.2

145 33.4 25.5 38.3



#71

Naphthalene

Concen: 20.233 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW022519.D

Acq: 12 Apr 2022 19:59

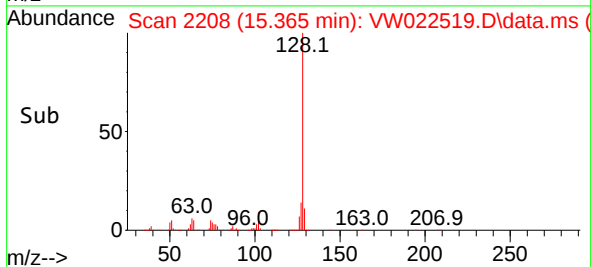
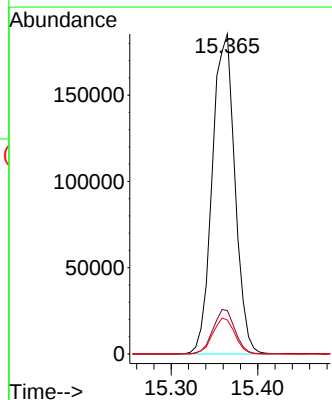
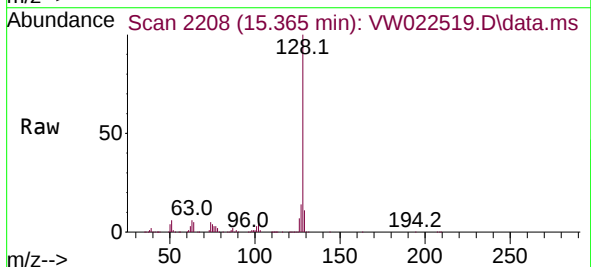
Tgt Ion:128 Resp: 336616

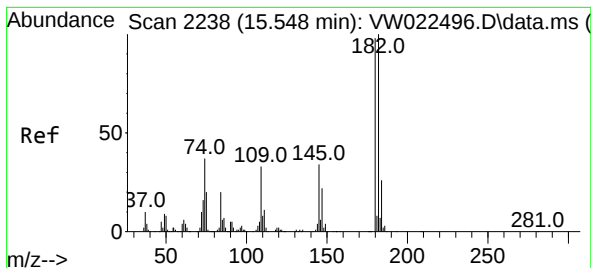
Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.0 8.5 12.7





#72

1,2,3-Trichlorobenzene

Concen: 19.611 ug/L

RT: 15.548 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022519.D

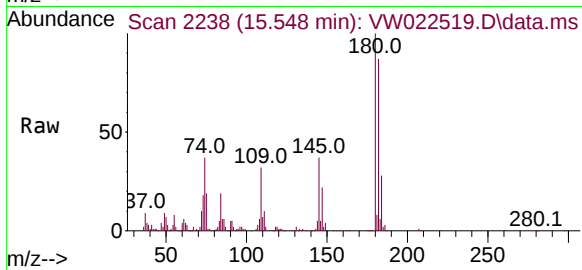
Acq: 12 Apr 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025483



Tgt Ion:180 Resp: 132219

Ion Ratio Lower Upper

180 100

182 98.3 73.4 110.0

145 37.5 27.0 40.6

