

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023315.D
 Acq On : 25 May 2022 12:47
 Operator : SY/VA
 Sample : N2996-11MS
 Misc : 5.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT3MS

Quant Time: May 26 01:30:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	367975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	363669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	212935	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112154	14.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.440%
7) Chloroethane-d5	2.879	69	82991	16.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	4.025	63	162153	16.623	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.480%
21) 2-Butanone-d5	7.080	46	75525	52.616	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.240%
24) Chloroform-d	7.647	84	243937	22.627	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	8.305	65	133349	22.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	8.275	84	428782	20.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.840%
36) 1,2-Dichloropropane-d6	9.274	67	133187	22.619	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	10.323	98	405650	20.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.120%
43) trans-1,3-Dichloroprop...	10.579	79	60895	22.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.840%
47) 2-Hexanone-d5	10.927	63	67646	60.181	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	151265	27.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	172295	23.147	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35153	17.524	ug/L	98
3) Chloromethane	2.209	50	104425	26.940	ug/L	98
5) Vinyl chloride	2.361	62	150814	19.386	ug/L	96
6) Bromomethane	2.776	94	74040	14.823	ug/L	92
8) Chloroethane	2.922	64	71664	19.100	ug/L	95
9) Trichlorofluoromethane	3.257	101	62331	17.530	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	100077	18.824	ug/L	97
12) 1,1-Dichloroethene	4.044	96	91316	19.376	ug/L	82
13) Acetone	4.129	43	40052	37.269	ug/L	99
14) Carbon disulfide	4.385	76	239785	18.558	ug/L	99
15) Methyl Acetate	4.678	43	37125	17.195	ug/L	93
16) Methylene chloride	4.915	84	103425	19.208	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	106266	20.036	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	185529	22.915	ug/L #	91
19) 1,1-Dichloroethane	6.214	63	188719	20.995	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	142603	25.033	ug/L #	97
22) 2-Butanone	7.171	43	54307	36.134	ug/L	97
23) Bromochloromethane	7.519	128	56539	21.193	ug/L	88
25) Chloroform	7.677	83	208041	20.931	ug/L	98

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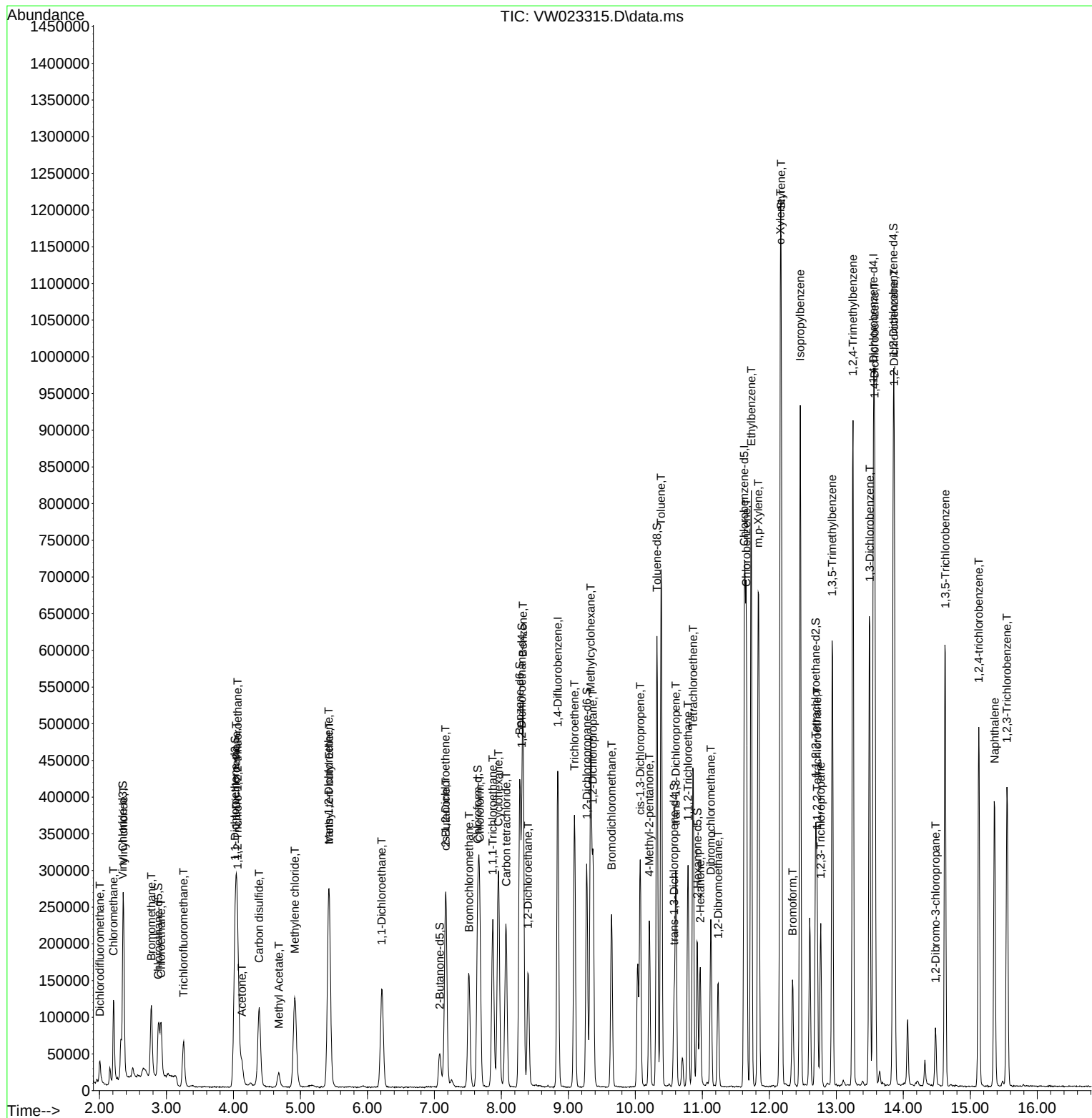
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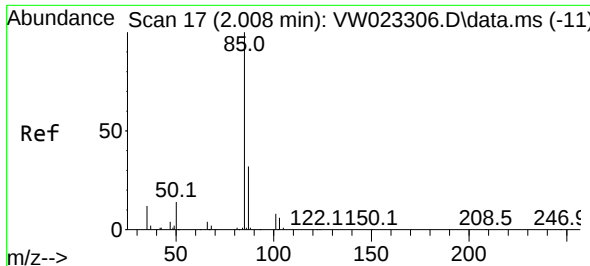
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	138096	20.843	ug/L	99
29) Cyclohexane	7.958	56	156208	19.861	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	180953	21.055	ug/L	99
31) Carbon tetrachloride	8.073	117	166552	20.717	ug/L	99
33) Benzene	8.323	78	440517	20.562	ug/L	100
34) Trichloroethene	9.091	95	127036	21.561	ug/L	97
35) Methylcyclohexane	9.335	83	197049	20.358	ug/L	99
37) 1,2-Dichloropropane	9.366	63	108330	20.895	ug/L	100
38) Bromodichloromethane	9.646	83	154417	20.969	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	173263	21.553	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	139911	42.815	ug/L	99
42) Toluene	10.384	91	513981	21.407	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	156062	21.750	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	94114	21.715	ug/L	95
46) Tetrachloroethene	10.866	164	90345	20.404	ug/L	93
48) 2-Hexanone	10.969	43	99559	45.598	ug/L	98
49) Dibromochloromethane	11.128	129	114070	21.868	ug/L	100
50) 1,2-Dibromoethane	11.237	107	91622	21.053	ug/L	98
51) Chlorobenzene	11.658	112	336817	21.279	ug/L	99
52) Ethylbenzene	11.731	91	562425	21.056	ug/L	97
53) m,p-Xylene	11.835	106	224260	21.308	ug/L	98
54) o-Xylene	12.164	106	218340	21.618	ug/L	98
55) Styrene	12.176	104	378693	22.066	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	116348	21.493	ug/L	96
59) Bromoform	12.347	173	60760	20.135	ug/L	98
60) Isopropylbenzene	12.463	105	592839	20.323	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	82396	19.366	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	323029	19.904	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	496067	20.357	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	257818	19.796	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	268126	19.931	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	252582	21.193	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18052	19.414	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	163679	18.933	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	143983	20.704	ug/L	97
71) Naphthalene	15.365	128	326891	21.627	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	132068	21.427	ug/L	96

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

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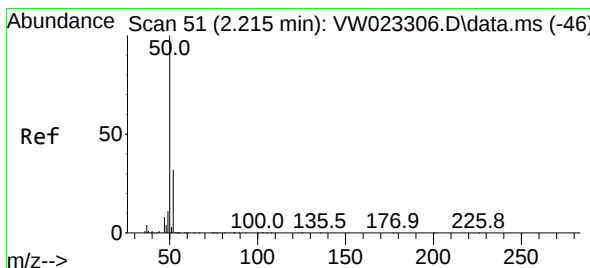
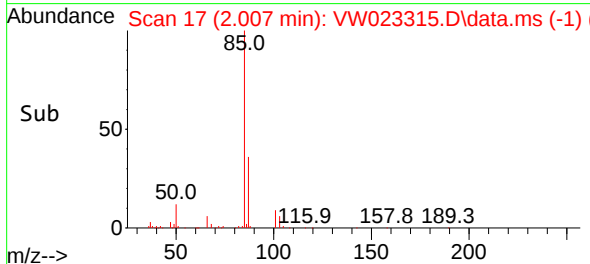
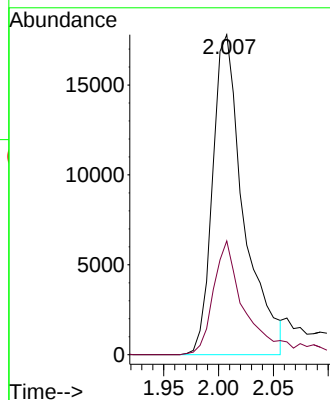
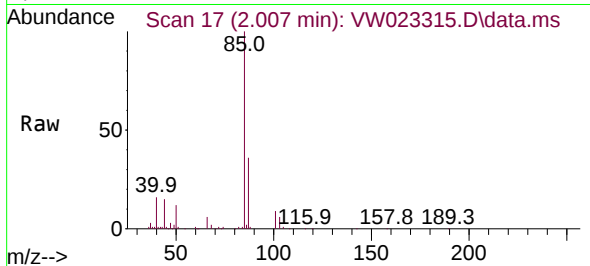




#2
Dichlorodifluoromethane
Concen: 17.524 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

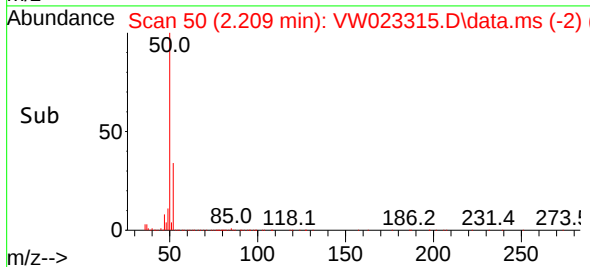
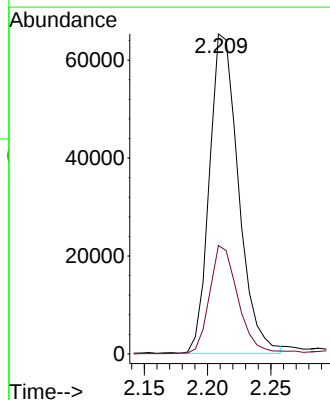
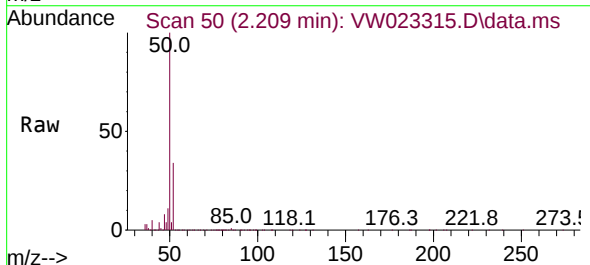
Instrument :
MSVOA_W
ClientSampleId :
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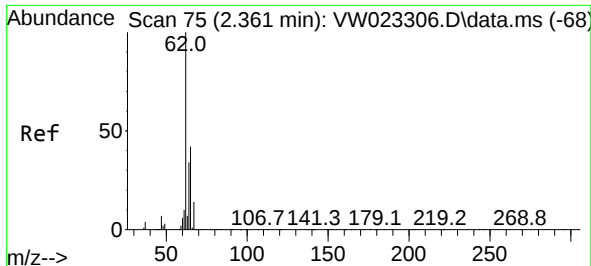
Tgt Ion: 85 Resp: 35153
Ion Ratio Lower Upper
85 100
87 33.4 27.8 41.8



#3
Chloromethane
Concen: 26.940 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 50 Resp: 104425
Ion Ratio Lower Upper
50 100
52 33.9 23.1 42.9

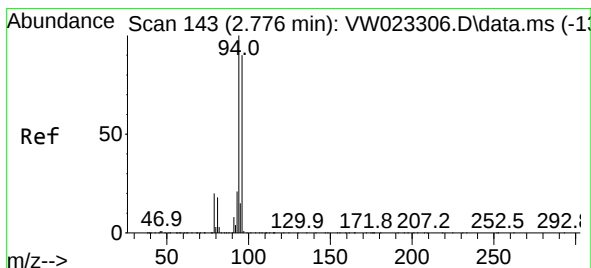
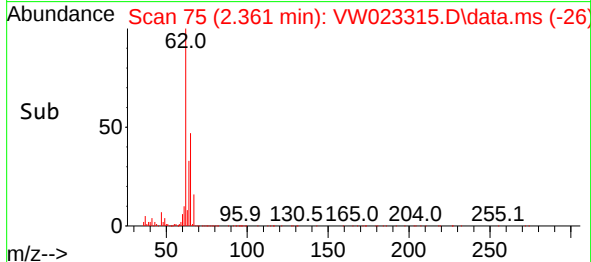
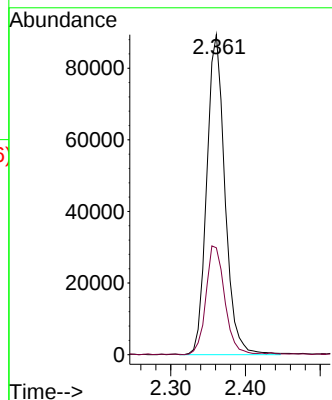
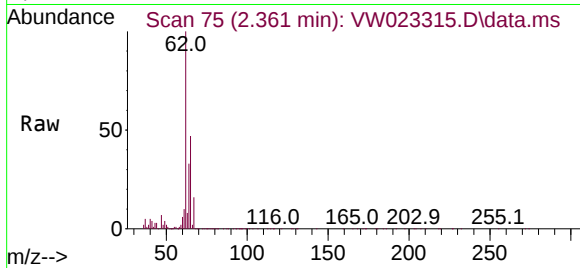




#5
 Vinyl chloride
 Concen: 19.386 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023315.D
 Acq: 25 May 2022 12:47

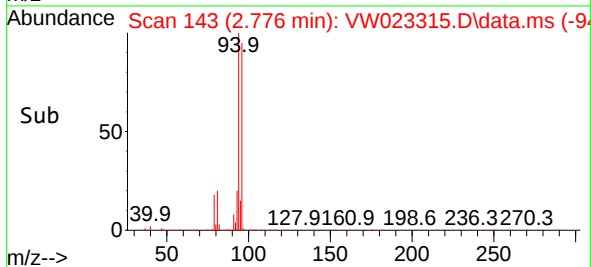
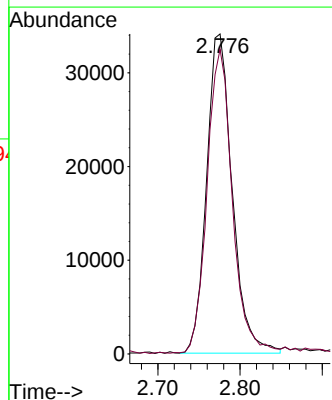
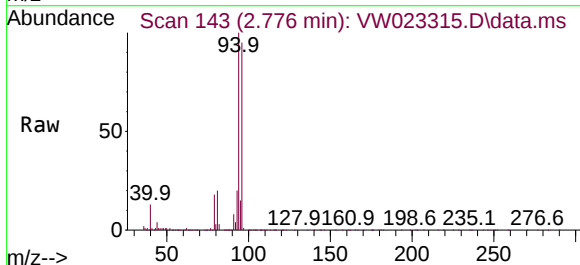
Instrument :
 MSVOA_W
 ClientSampleId :
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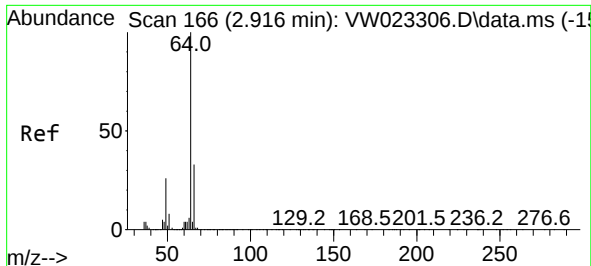
Tgt Ion: 62 Resp: 150814
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.9 46.3



#6
 Bromomethane
 Concen: 14.823 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023315.D
 Acq: 25 May 2022 12:47

Tgt Ion: 94 Resp: 74040
 Ion Ratio Lower Upper
 94 100
 96 95.2 61.7 114.5

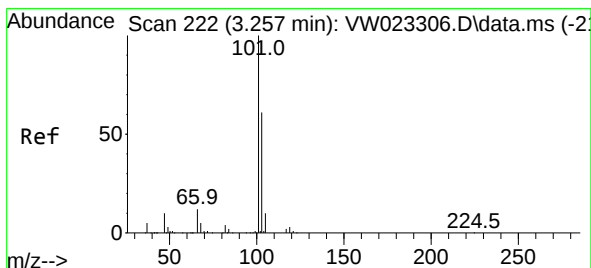
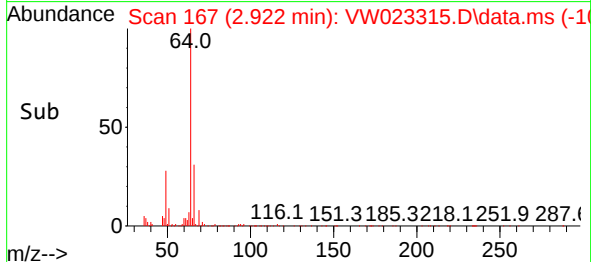
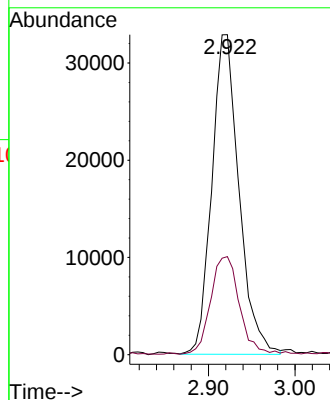
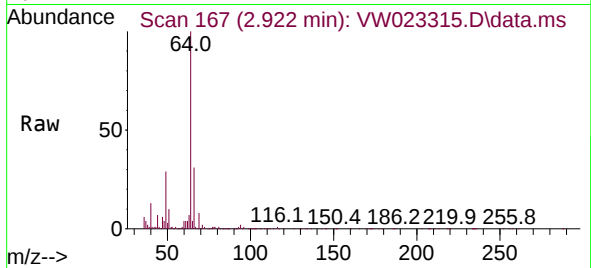




#8
Chloroethane
Concen: 19.100 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

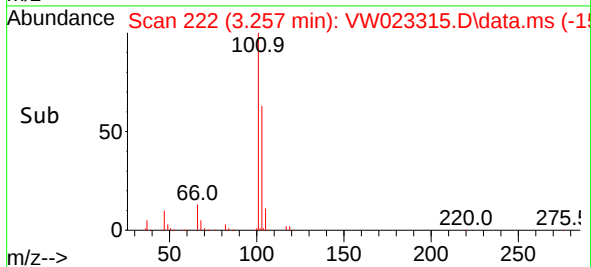
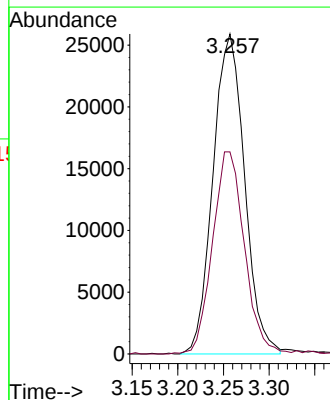
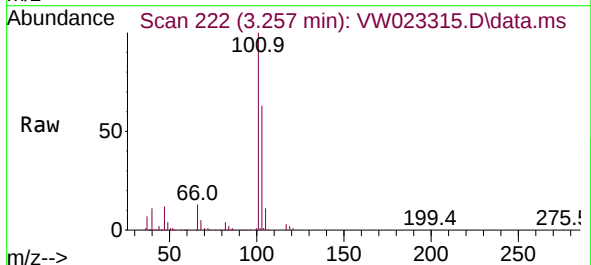
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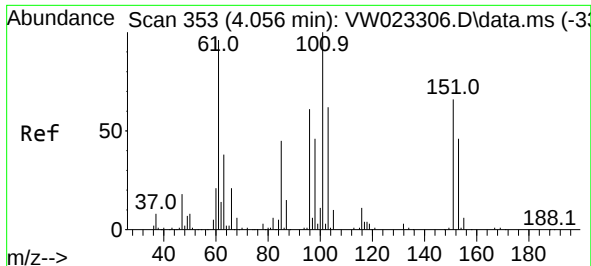
Tgt Ion: 64 Resp: 71664
Ion Ratio Lower Upper
64 100
66 30.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 17.530 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 101 Resp: 62331
Ion Ratio Lower Upper
101 100
103 63.7 53.9 80.9

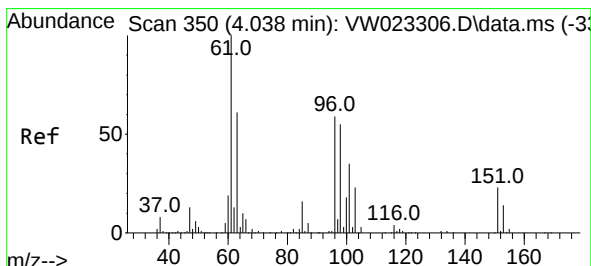
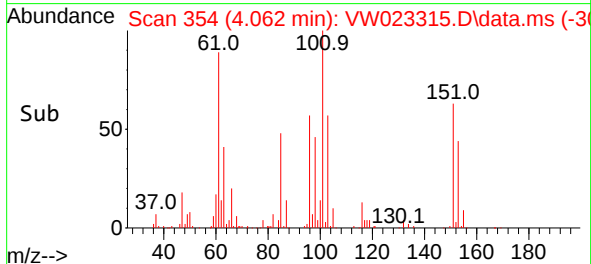
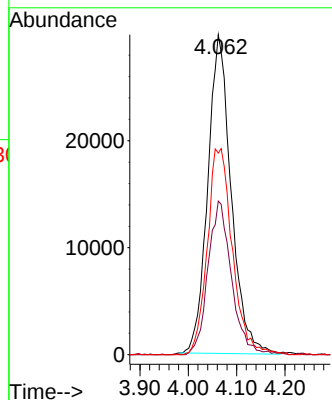
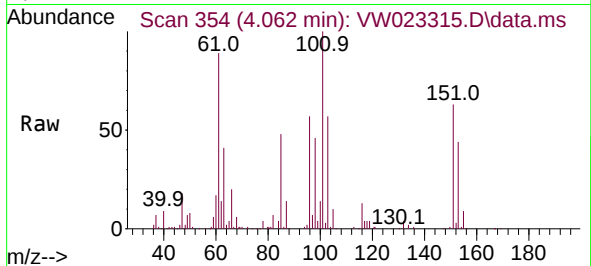




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.824 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW023315.D
 Acq: 25 May 2022 12:47

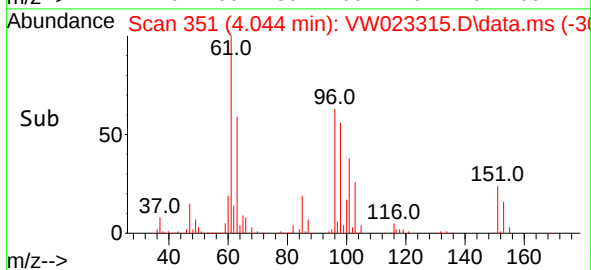
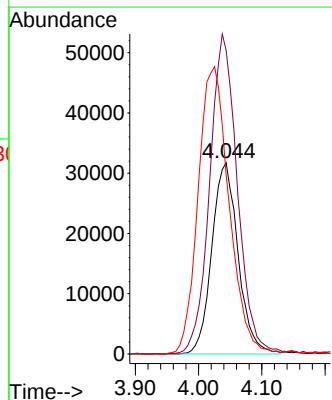
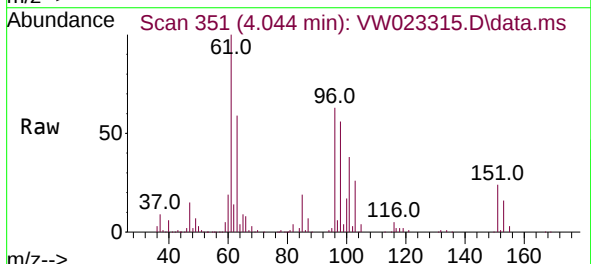
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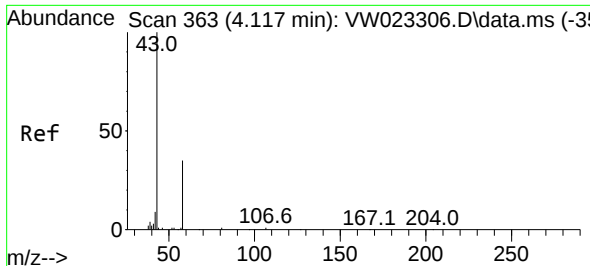
Tgt Ion:101 Resp: 100077
 Ion Ratio Lower Upper
 101 100
 85 47.1 34.3 51.5
 151 68.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 19.376 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023315.D
 Acq: 25 May 2022 12:47

Tgt Ion: 96 Resp: 91316
 Ion Ratio Lower Upper
 96 100
 61 158.7 125.7 233.5
 63 93.6 83.4 155.0

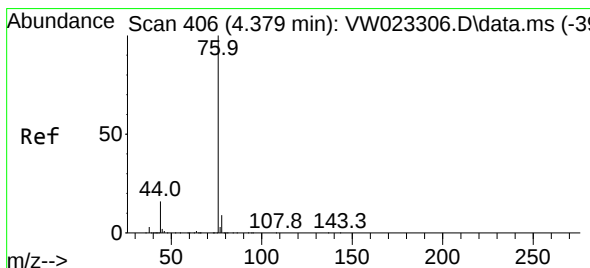
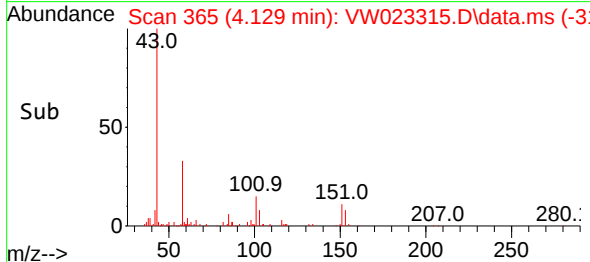
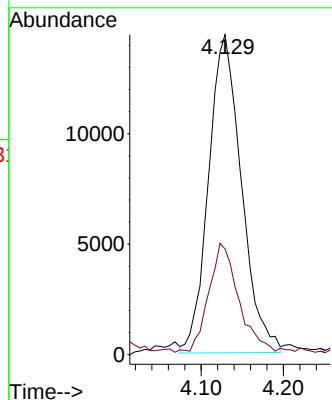
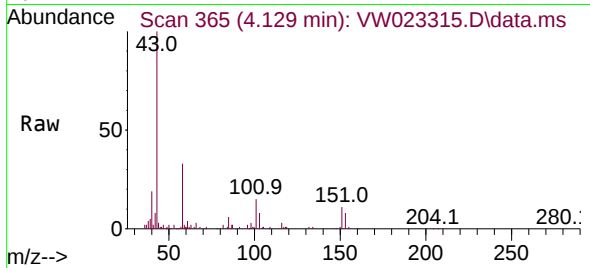




#13
Acetone
Concen: 37.269 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW023315.D
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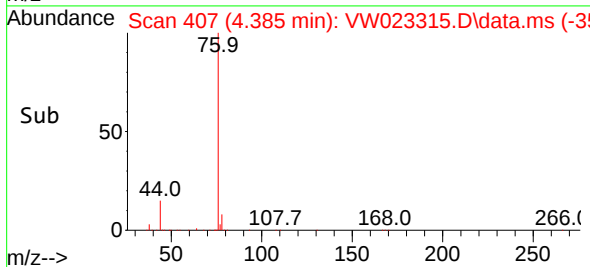
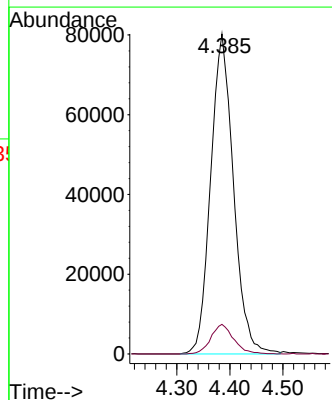
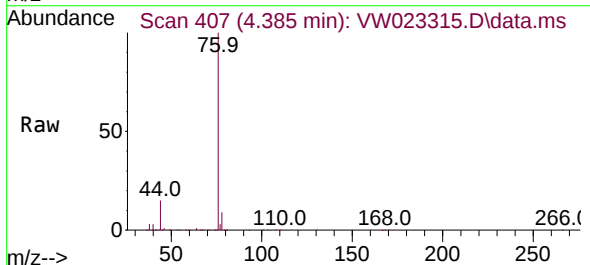
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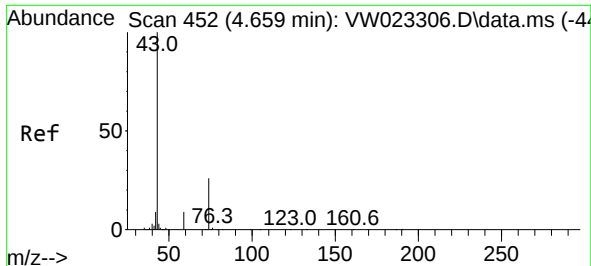
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Ion Ratio Lower Upper
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58 32.4 0.0 64.0



#14
Carbon disulfide
Concen: 18.558 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 76 Resp: 239785
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

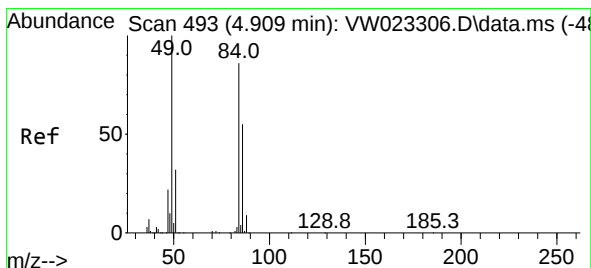
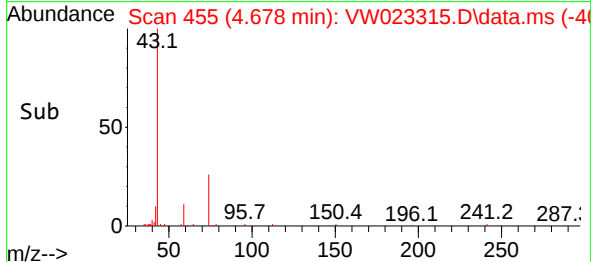
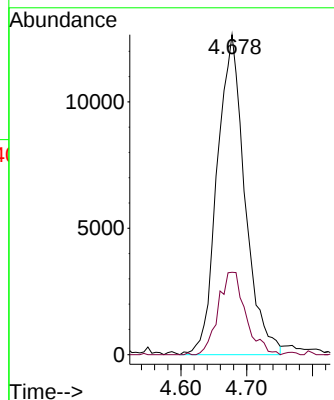
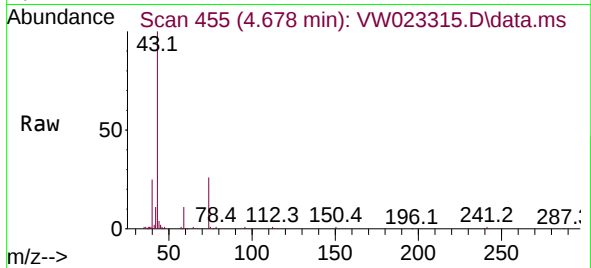




#15
Methyl Acetate
Concen: 17.195 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.018 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

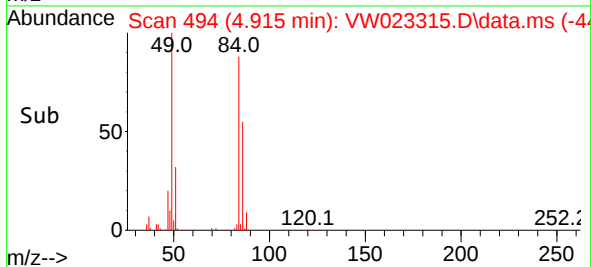
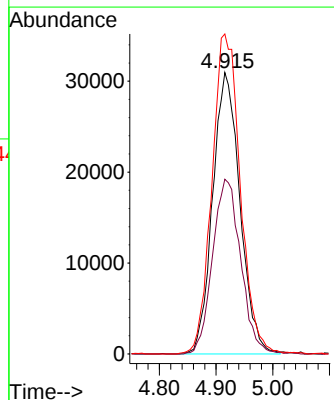
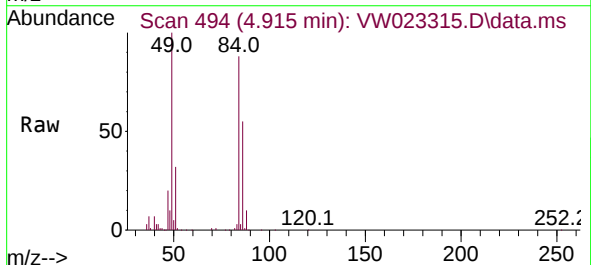
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

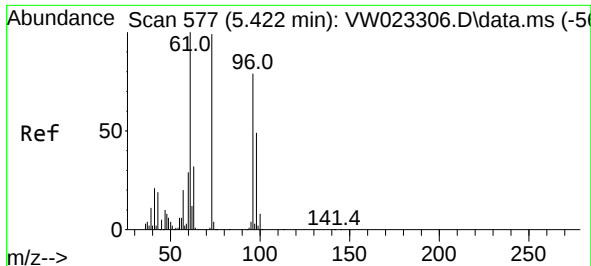
Tgt Ion: 43 Resp: 37125
Ion Ratio Lower Upper
43 100
74 24.0 21.9 32.9



#16
Methylene chloride
Concen: 19.208 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 84 Resp: 103425
Ion Ratio Lower Upper
84 100
86 62.1 45.4 84.4
49 113.7 82.5 153.1

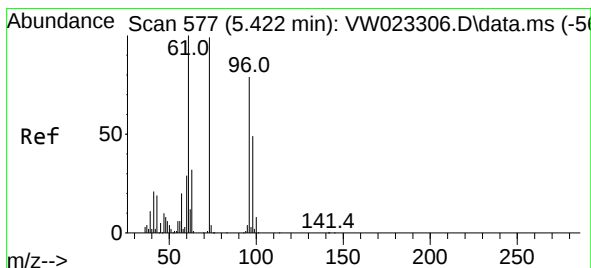
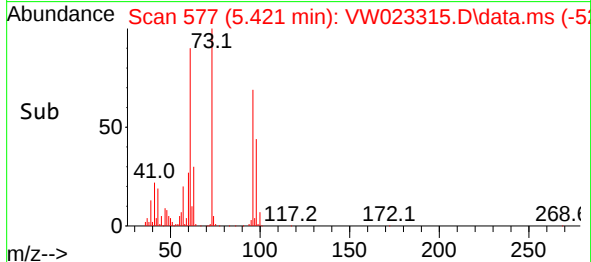
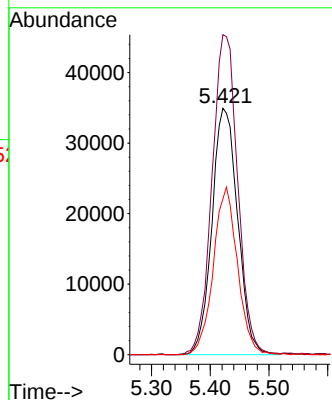
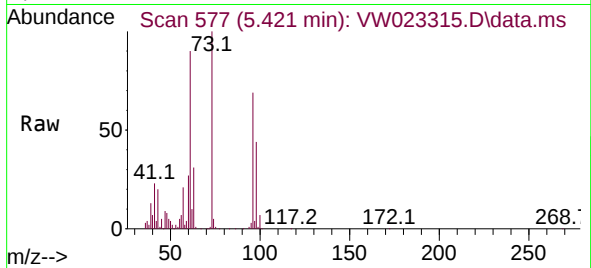




#17
trans-1,2-Dichloroethene
Concen: 20.036 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

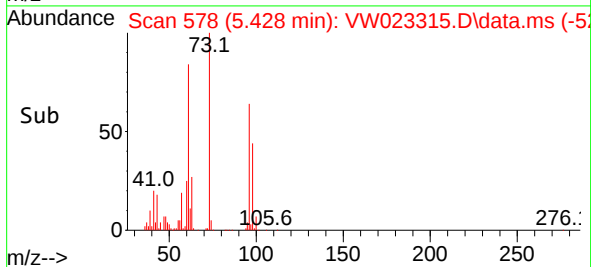
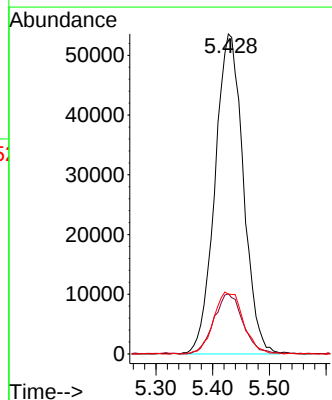
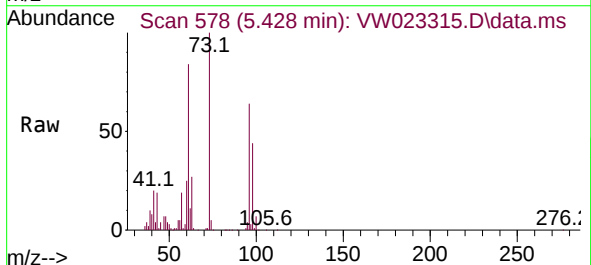
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

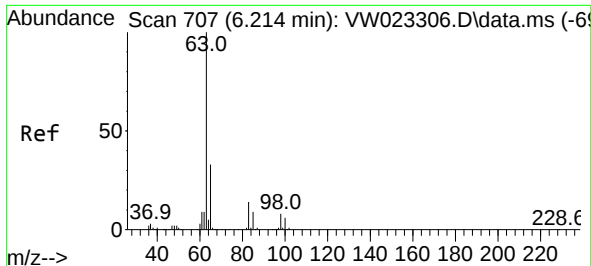
Tgt Ion: 96 Resp: 106266
Ion Ratio Lower Upper
96 100
61 129.9 92.2 171.2
98 63.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 22.915 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 73 Resp: 185529
Ion Ratio Lower Upper
73 100
43 19.2 15.9 23.9
57 12.9 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 20.995 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

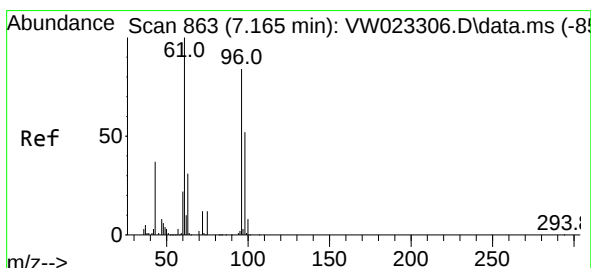
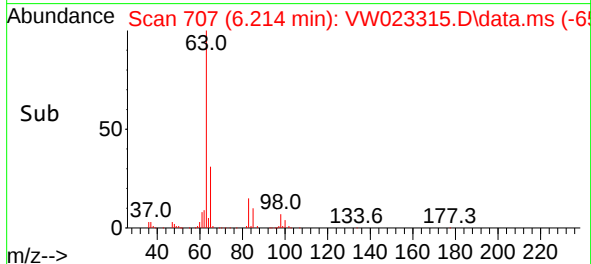
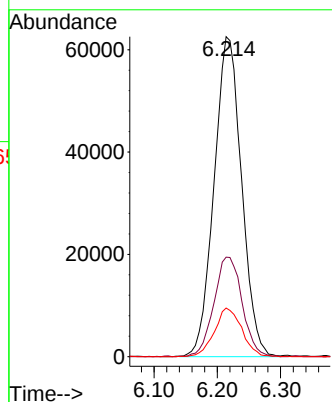
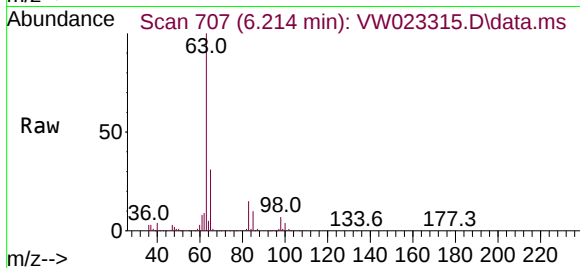
Tgt Ion: 63 Resp: 188719

Ion Ratio Lower Upper

63 100

65 31.1 23.3 43.3

83 15.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.033 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

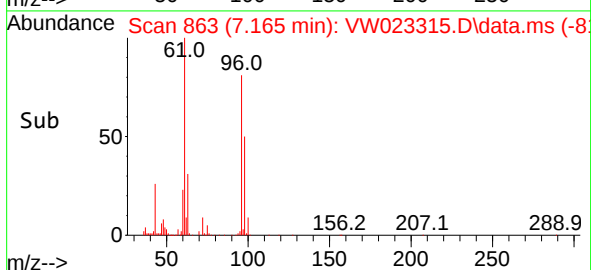
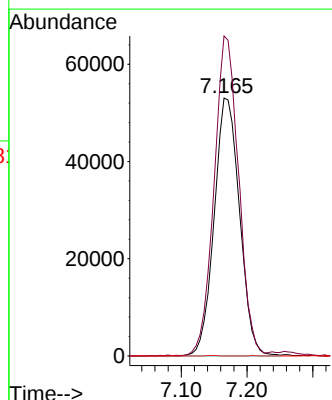
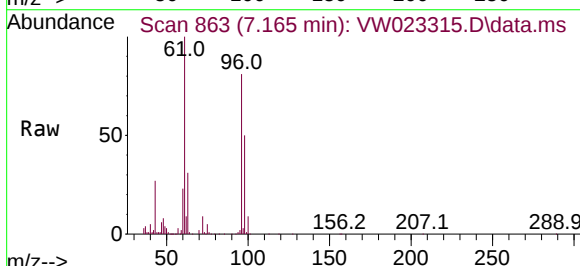
Tgt Ion: 96 Resp: 142603

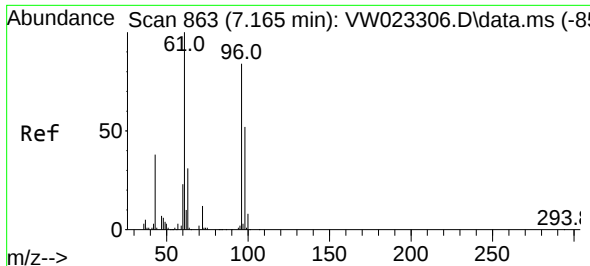
Ion Ratio Lower Upper

96 100

61 124.1 84.2 156.4

68 0.0 0.1 0.1#

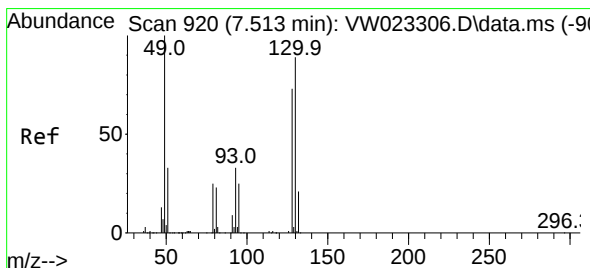
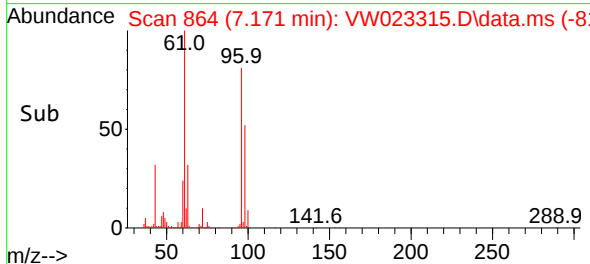
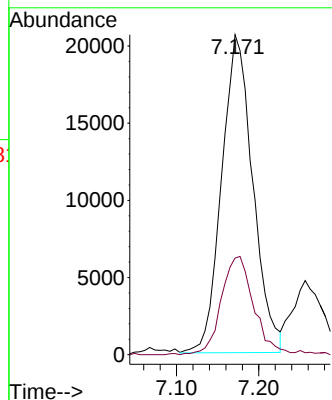
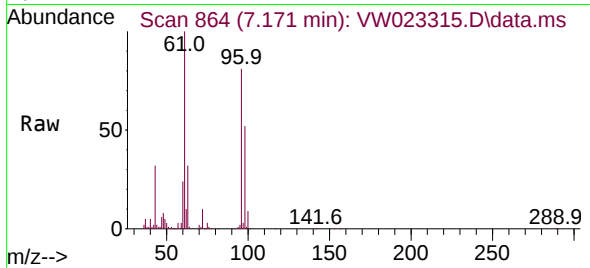




#22
2-Butanone
Concen: 36.134 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

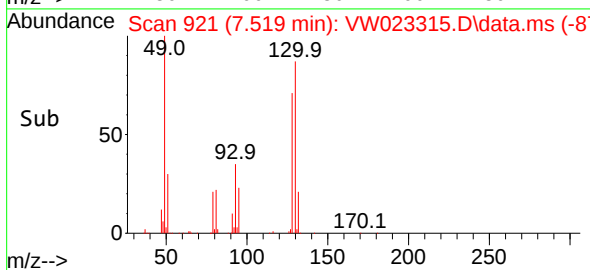
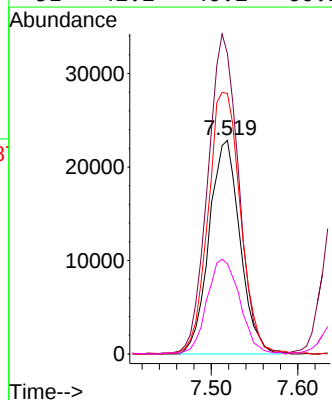
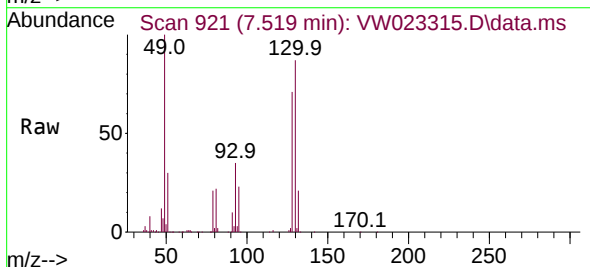
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

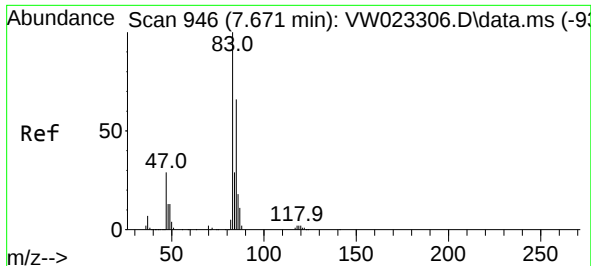
Tgt Ion: 43 Resp: 54307
Ion Ratio Lower Upper
43 100
72 32.0 15.1 45.3



#23
Bromochloromethane
Concen: 21.193 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 128 Resp: 56539
Ion Ratio Lower Upper
128 100
49 140.7 110.0 204.4
130 121.9 94.8 176.0
51 42.2 40.2 60.2

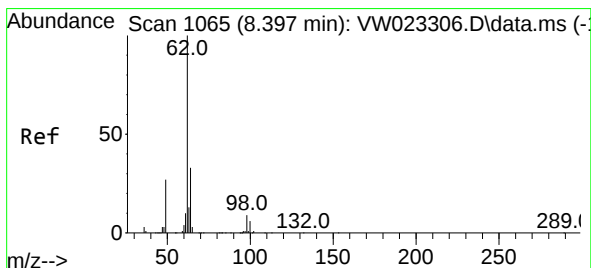
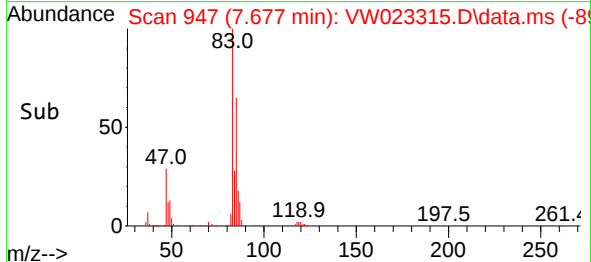
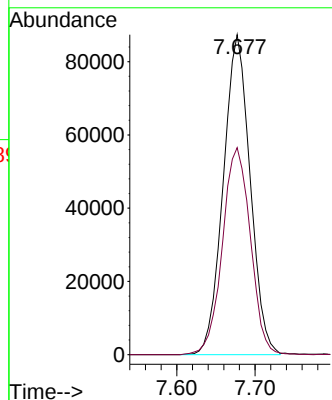
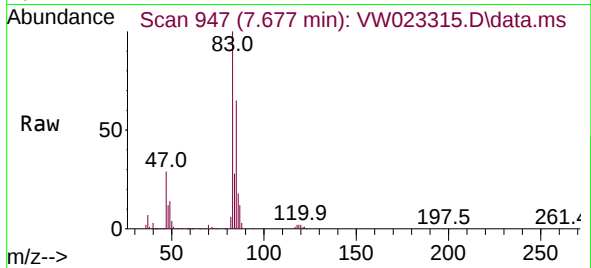




#25
Chloroform
Concen: 20.931 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

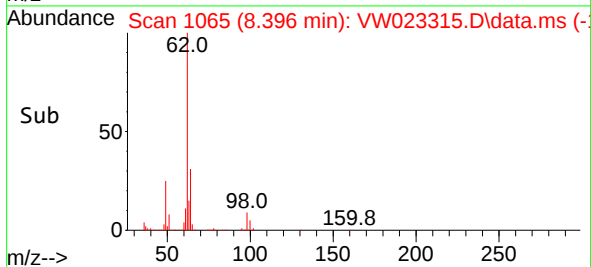
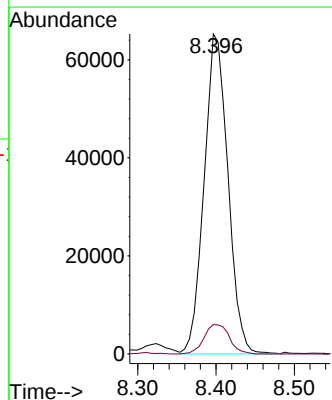
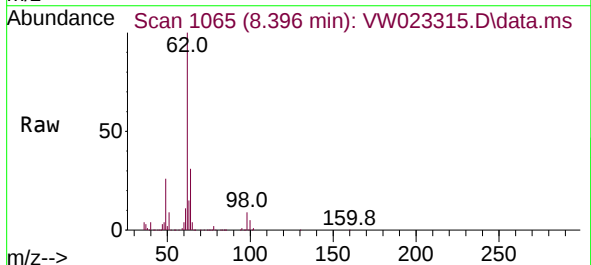
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

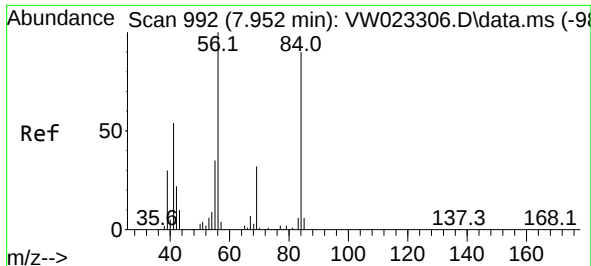
Tgt Ion: 83 Resp: 208041
Ion Ratio Lower Upper
83 100
85 64.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 20.843 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 62 Resp: 138096
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8

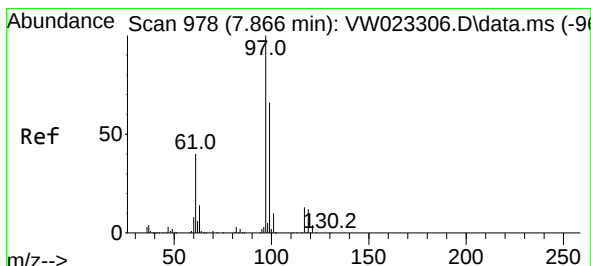
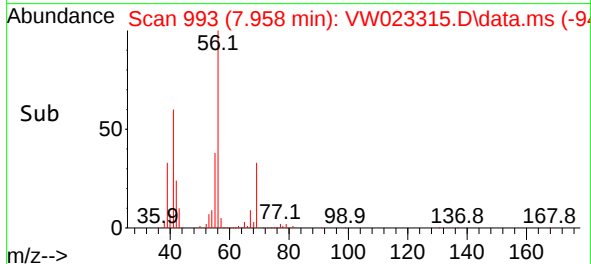
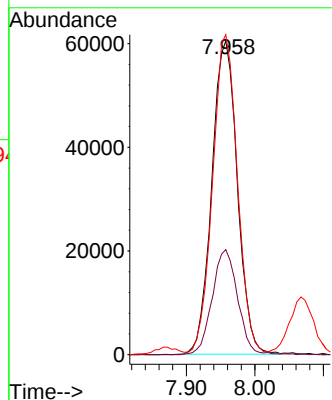
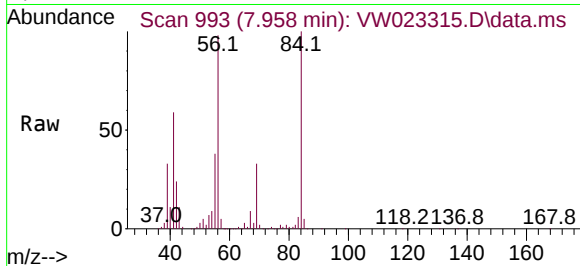




#29
Cyclohexane
Concen: 19.861 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

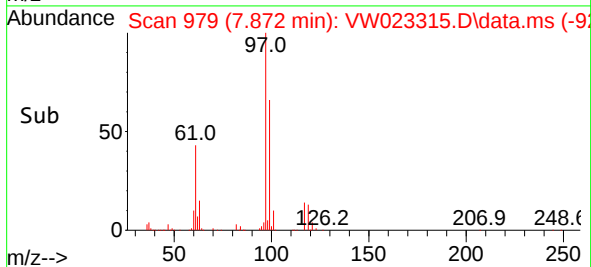
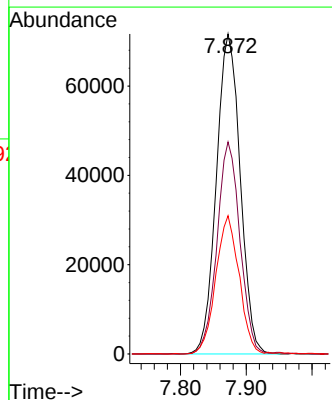
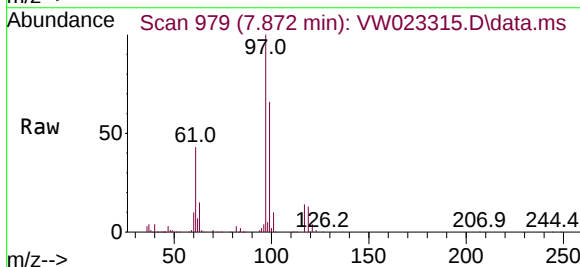
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

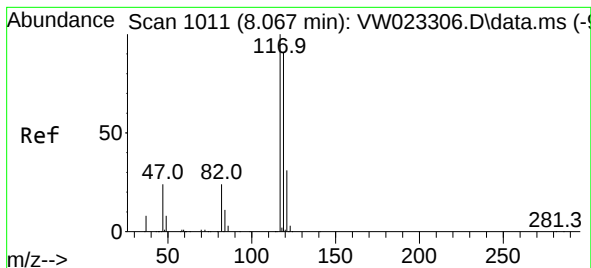
Tgt Ion: 56 Resp: 156208
Ion Ratio Lower Upper
56 100
69 33.1 25.6 38.4
84 99.4 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 21.055 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 97 Resp: 180953
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 42.3 34.8 52.2





#31

Carbon tetrachloride

Concen: 20.717 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

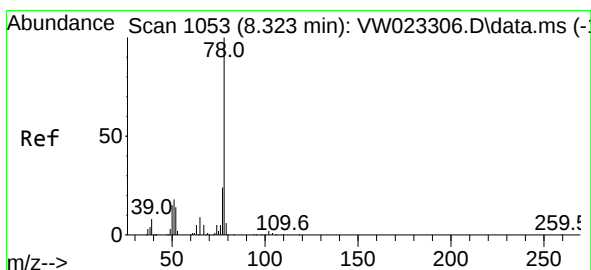
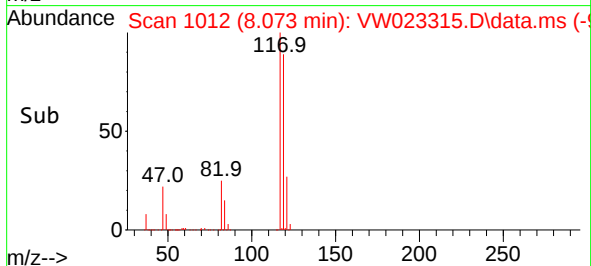
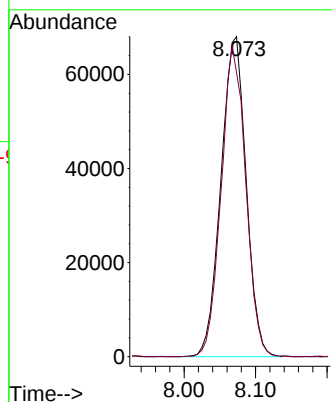
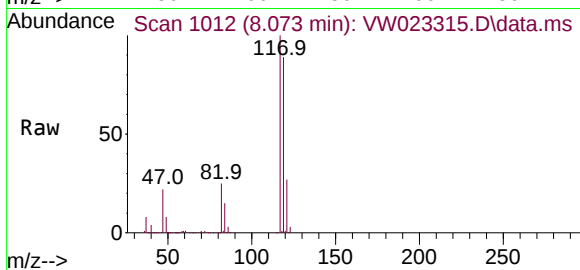
GBGT3MS

Tgt Ion:117 Resp: 166552

Ion Ratio Lower Upper

117 100

119 94.4 76.6 115.0



#33

Benzene

Concen: 20.562 ug/L

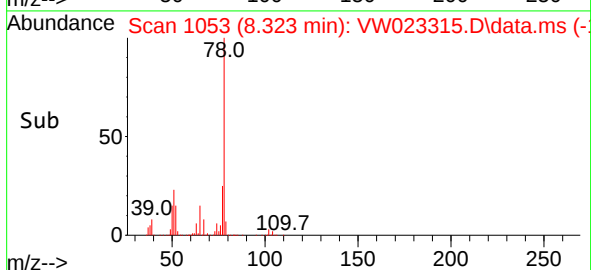
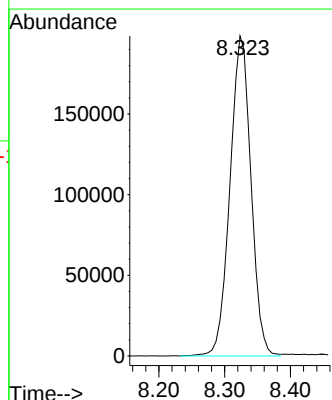
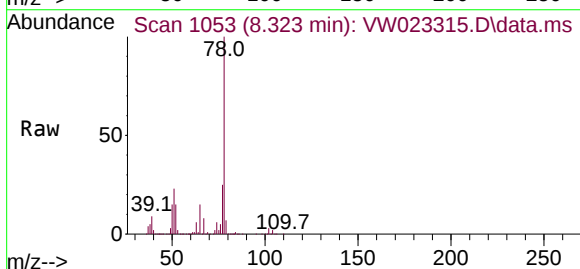
RT: 8.323 min Scan# 1053

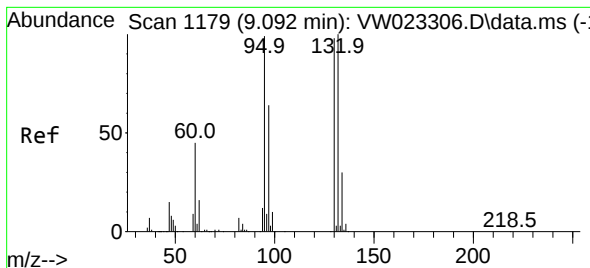
Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Tgt Ion: 78 Resp: 440517





#34

Trichloroethene

Concen: 21.561 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

Tgt Ion: 95 Resp: 127036

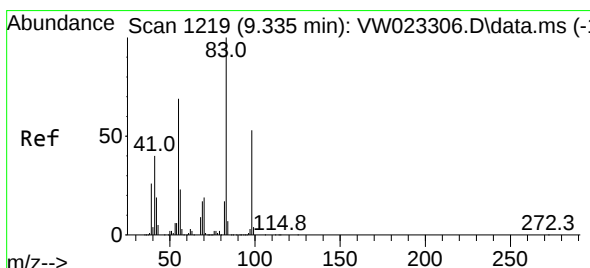
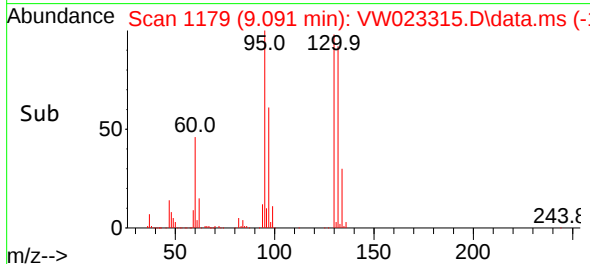
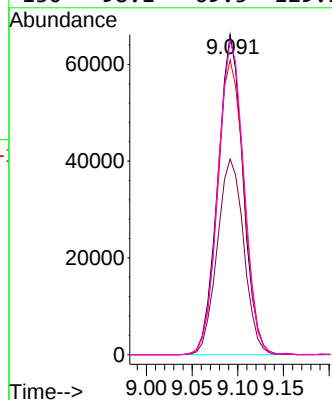
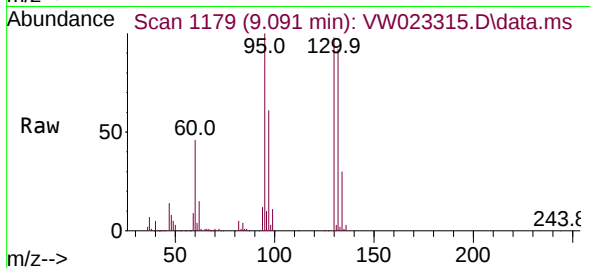
Ion Ratio Lower Upper

95 100

97 61.1 46.1 85.7

132 92.1 66.9 124.3

130 98.1 69.5 129.1



#35

Methylcyclohexane

Concen: 20.358 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

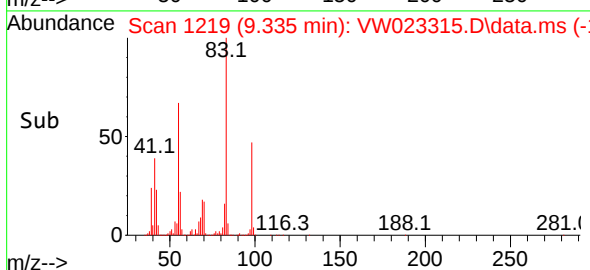
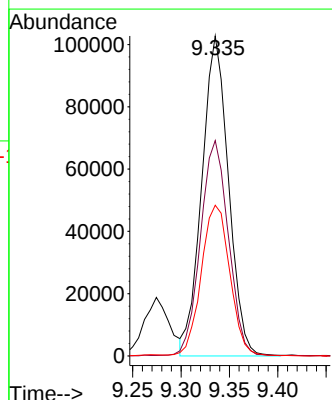
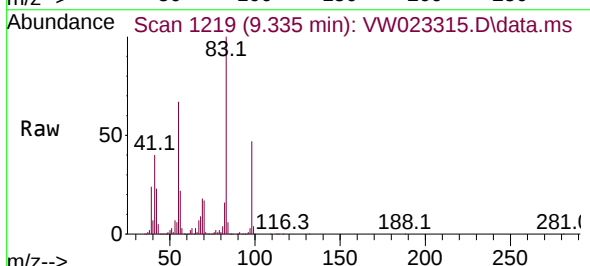
Tgt Ion: 83 Resp: 197049

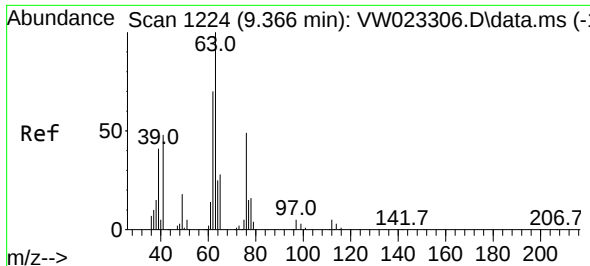
Ion Ratio Lower Upper

83 100

55 70.6 55.1 82.7

98 50.6 40.4 60.6

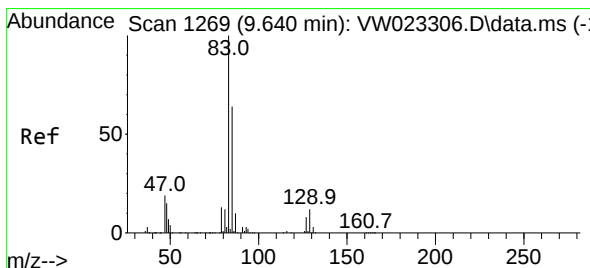
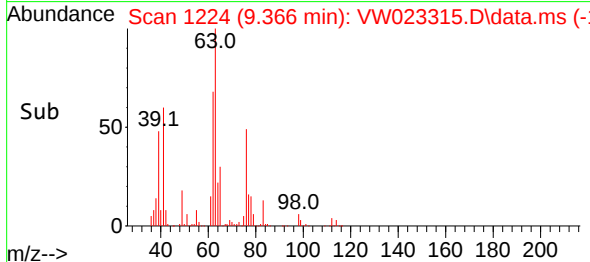
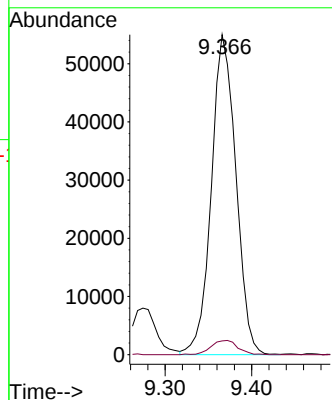
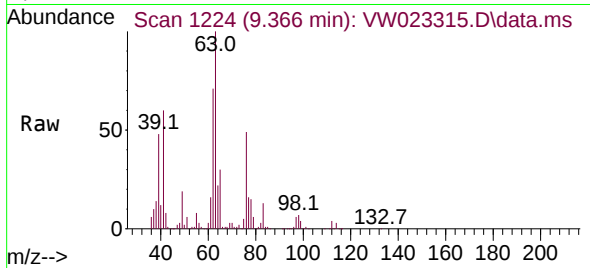




#37
1,2-Dichloropropane
Concen: 20.895 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

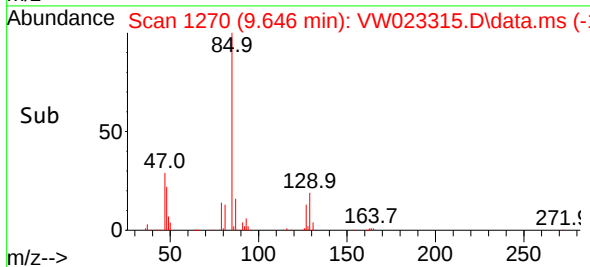
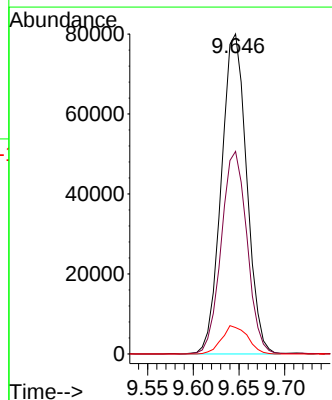
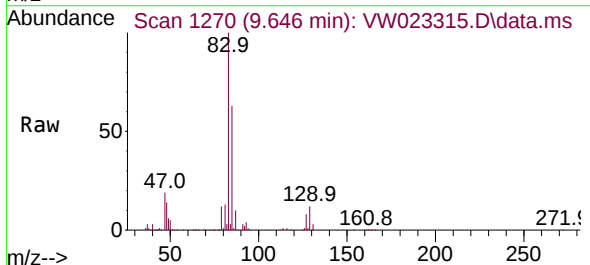
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

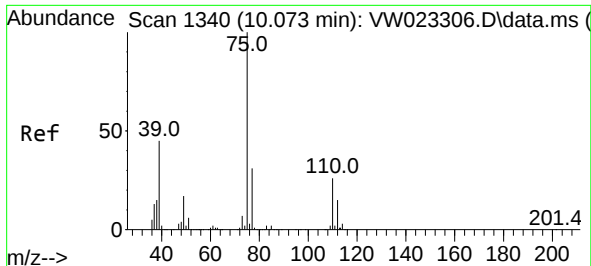
Tgt Ion: 63 Resp: 108330
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 20.969 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion: 83 Resp: 154417
Ion Ratio Lower Upper
83 100
85 63.3 43.5 80.7
127 8.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 21.553 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

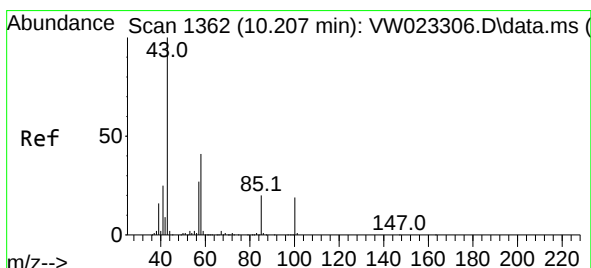
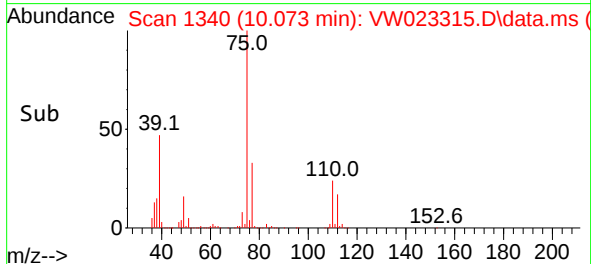
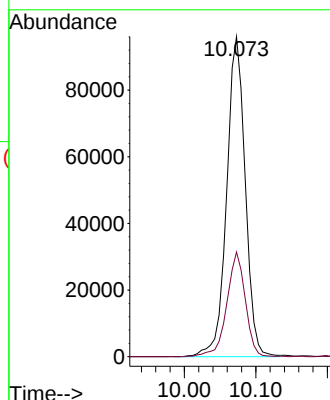
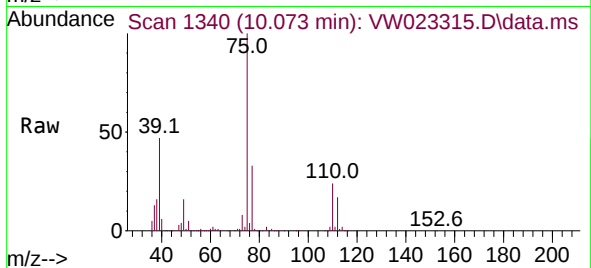
GBGT3MS

Tgt Ion: 75 Resp: 173263

Ion Ratio Lower Upper

75 100

77 32.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 42.815 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

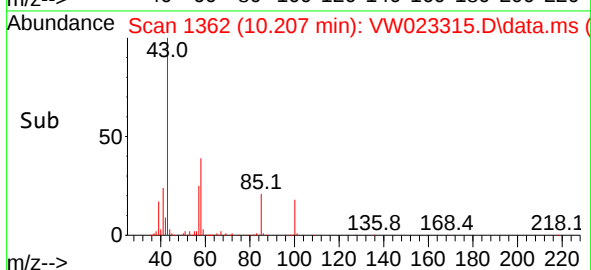
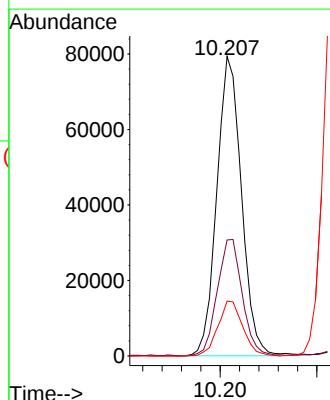
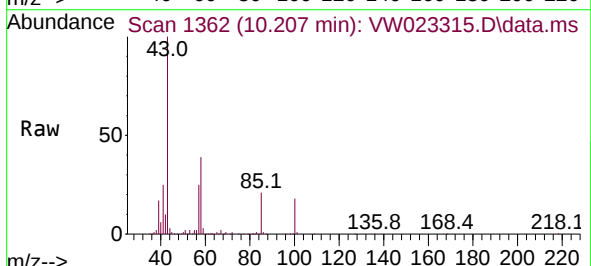
Tgt Ion: 43 Resp: 139911

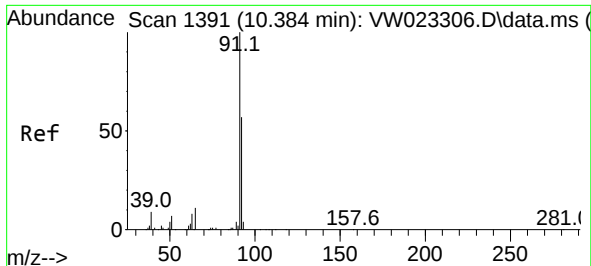
Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.2

100 18.5 14.2 21.4





#42

Toluene

Concen: 21.407 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

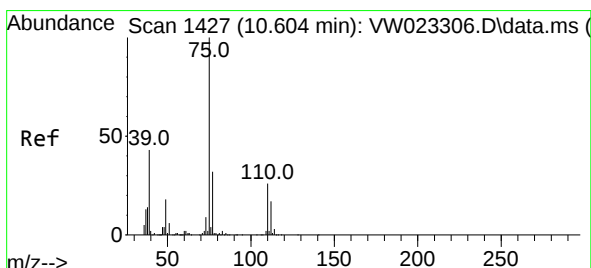
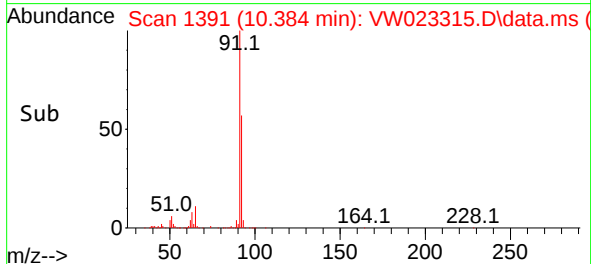
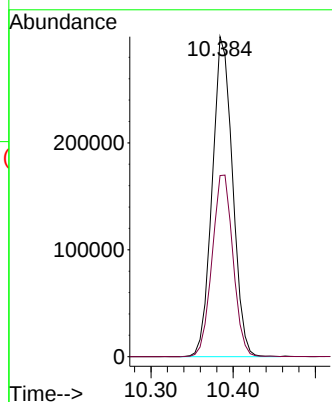
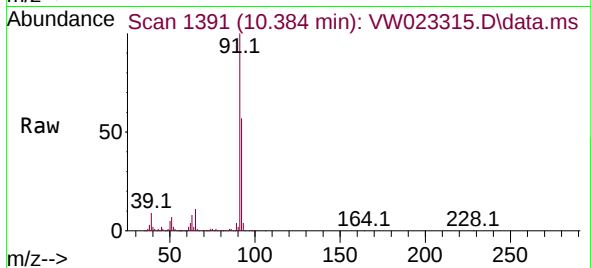
GBGT3MS

Tgt Ion: 91 Resp: 513981

Ion Ratio Lower Upper

91 100

92 56.6 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 21.750 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023315.D

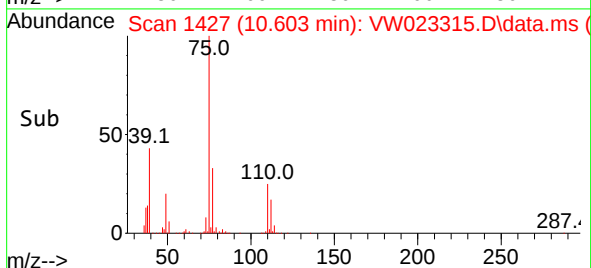
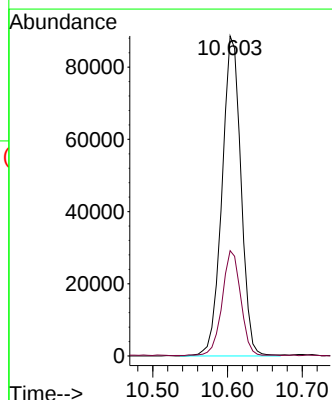
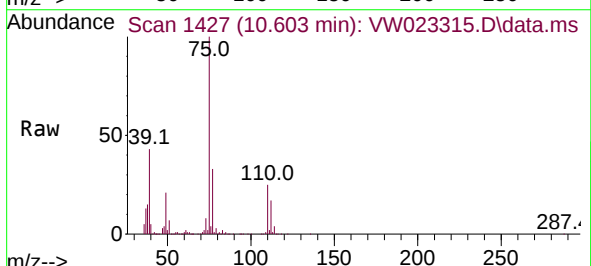
Acq: 25 May 2022 12:47

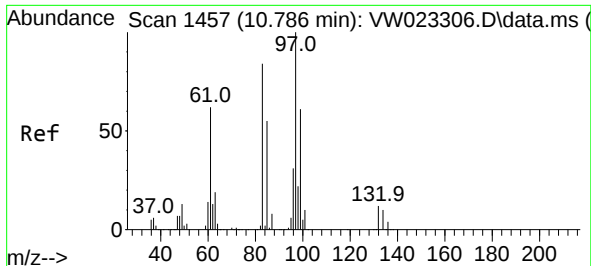
Tgt Ion: 75 Resp: 156062

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8

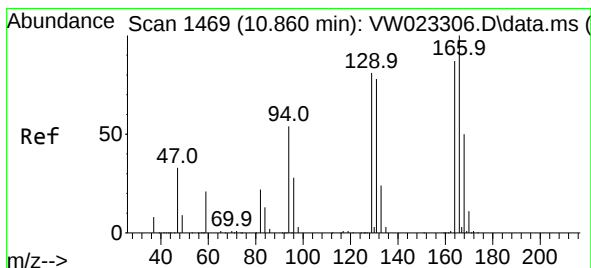
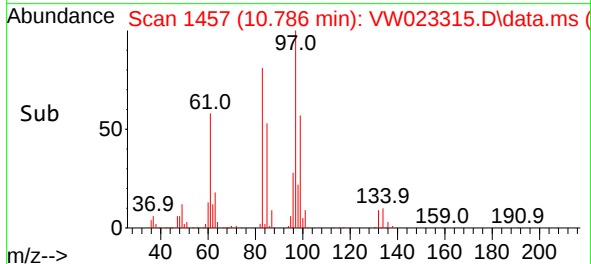
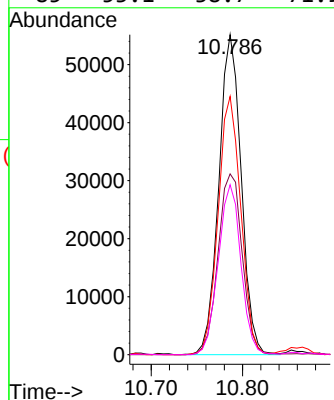
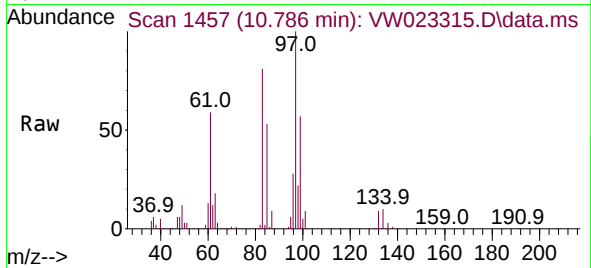




#45
1,1,2-Trichloroethane
Concen: 21.715 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

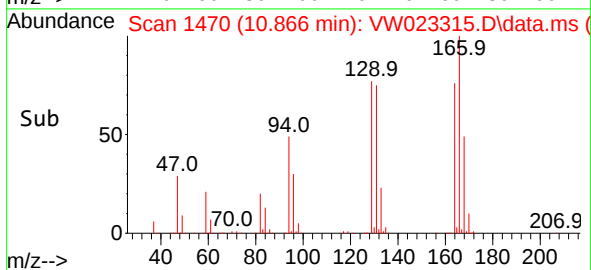
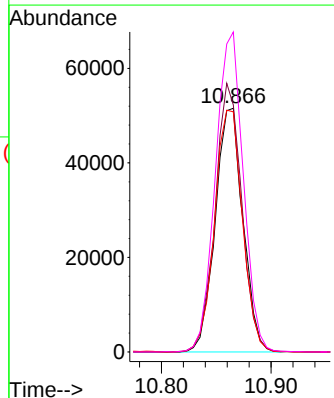
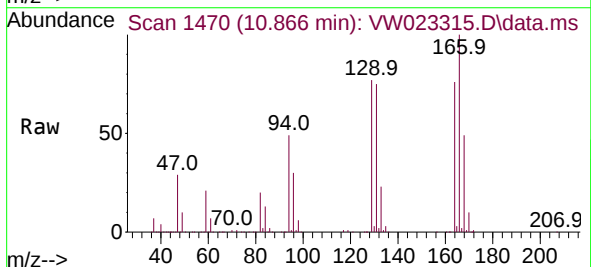
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

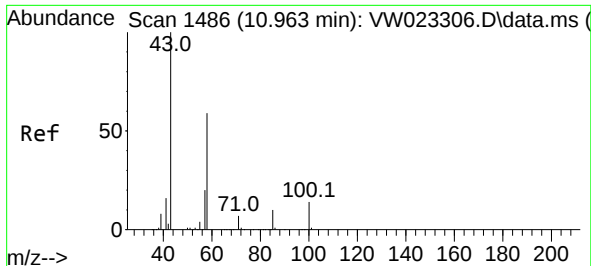
Tgt Ion:	97	Resp:	94114
Ion	Ratio	Lower	Upper
97	100		
99	56.5	44.7	82.9
83	80.7	58.4	108.4
85	53.1	38.7	71.9



#46
Tetrachloroethene
Concen: 20.404 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:	164	Resp:	90345
Ion	Ratio	Lower	Upper
164	100		
129	101.4	76.9	142.7
131	98.6	75.1	139.5
166	131.3	96.0	178.2

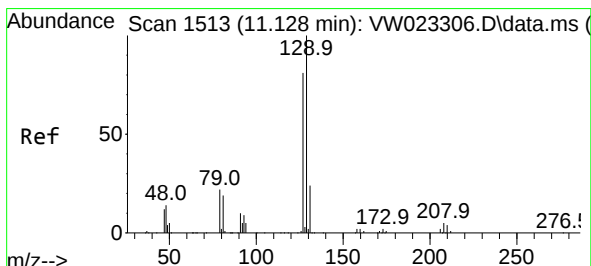
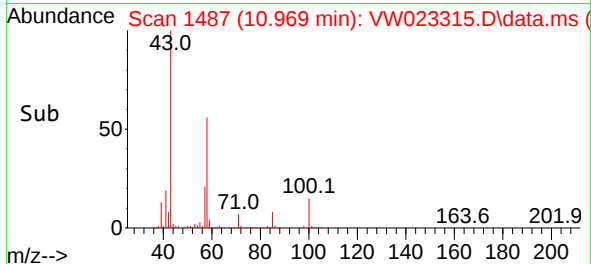
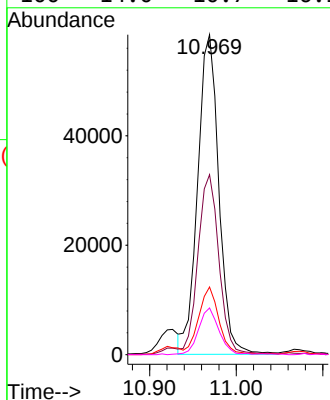
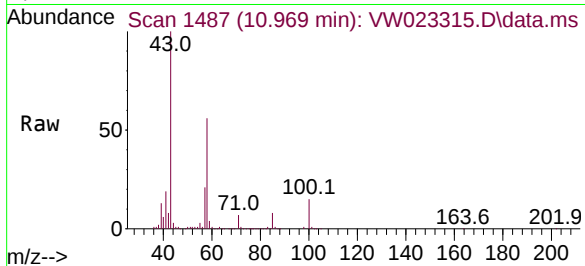




#48
2-Hexanone
Concen: 45.598 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

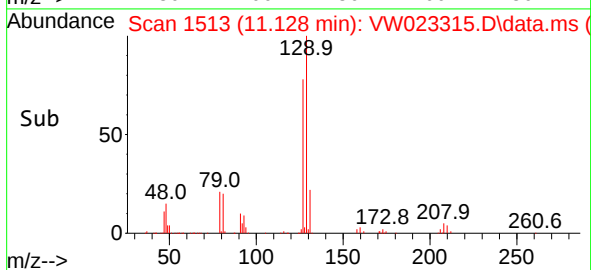
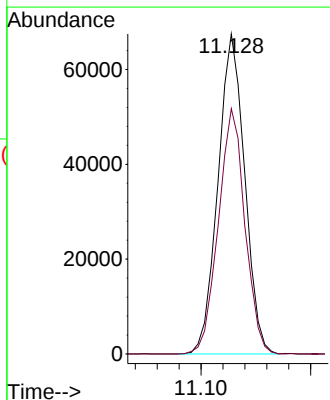
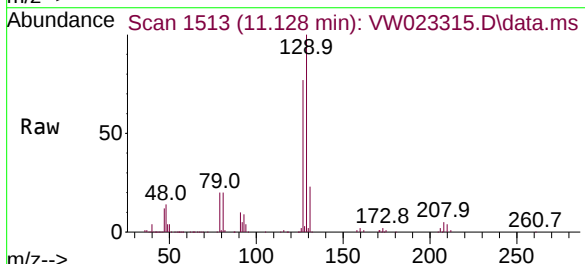
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

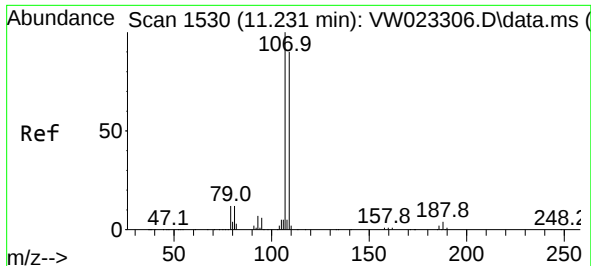
Tgt Ion: 43	Resp: 99559
Ion Ratio	Lower Upper
43 100	
58 55.6	45.9 68.9
57 20.4	16.2 24.2
100 14.0	10.7 16.1



#49
Dibromochloromethane
Concen: 21.868 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:129	Resp: 114070		
Ion Ratio	Lower	Upper	
129 100			
127 76.6	53.8	100.0	

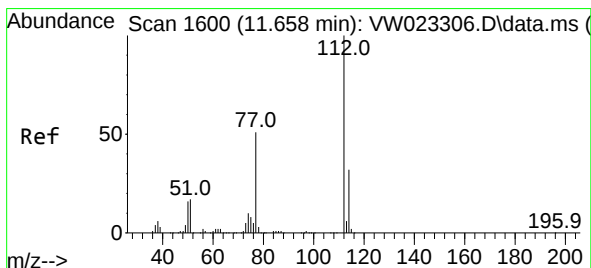
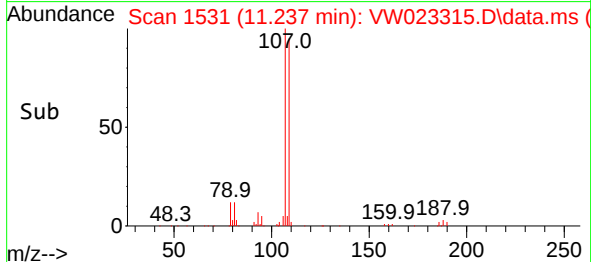
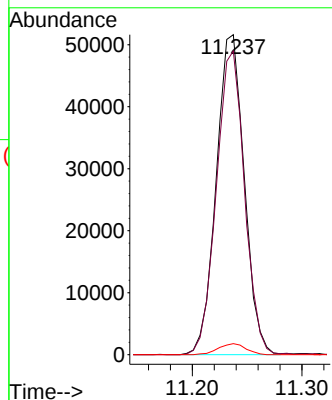
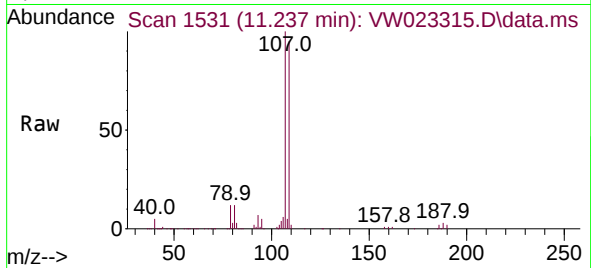




#50
1,2-Dibromoethane
Concen: 21.053 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

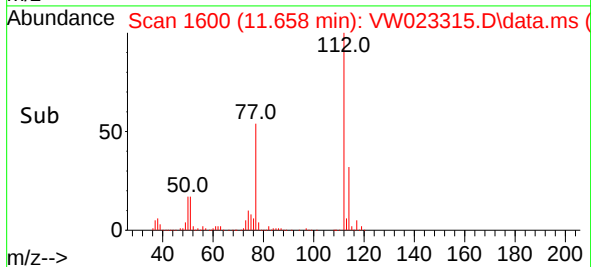
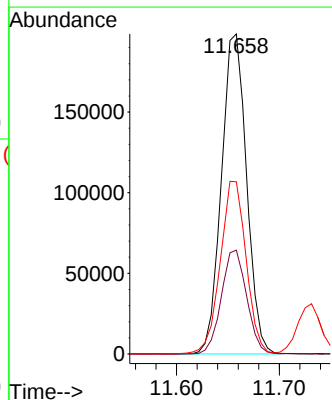
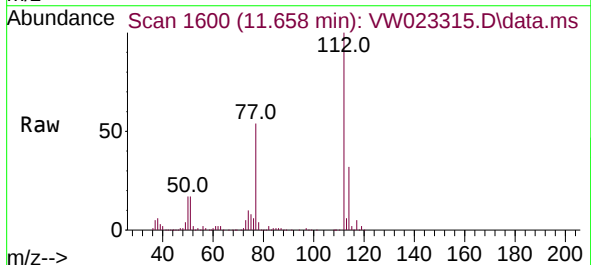
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

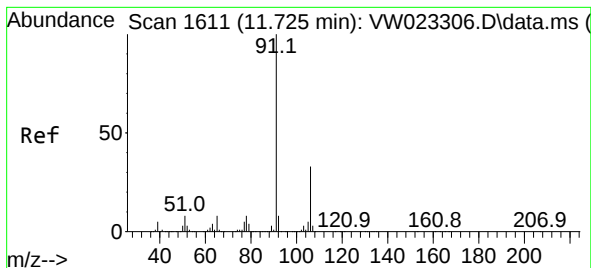
Tgt Ion:107 Resp: 91622
Ion Ratio Lower Upper
107 100
109 94.9 67.5 125.4
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 21.279 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:112 Resp: 336817
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 53.8 42.6 63.8

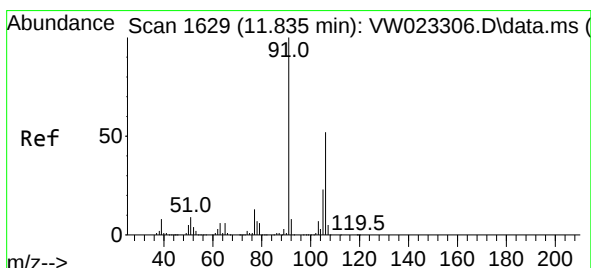
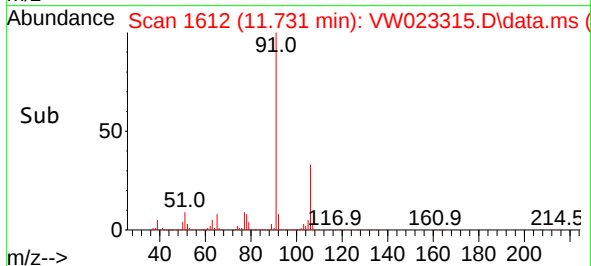
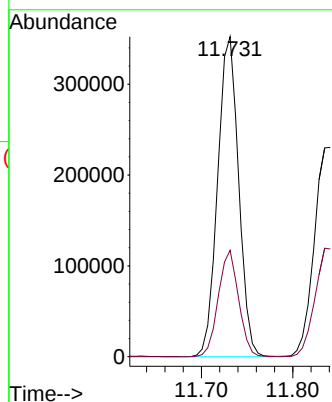
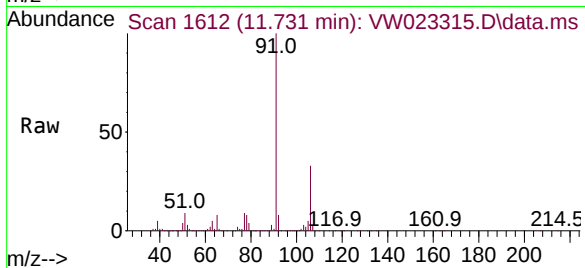




#52
Ethylbenzene
Concen: 21.056 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

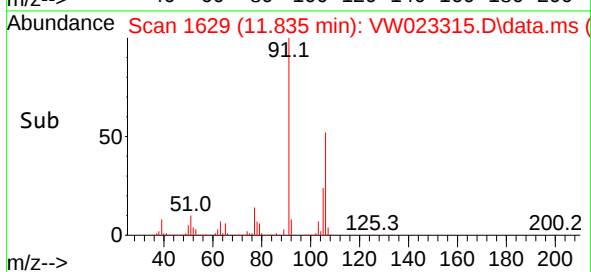
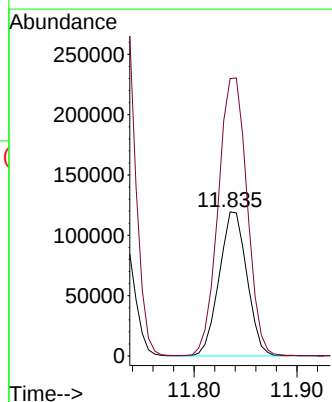
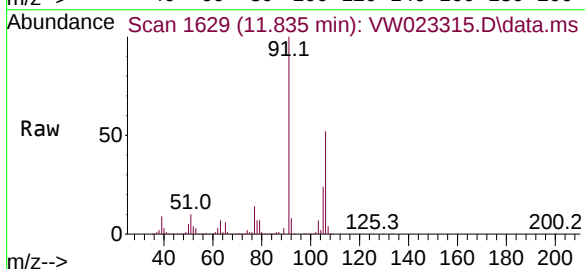
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

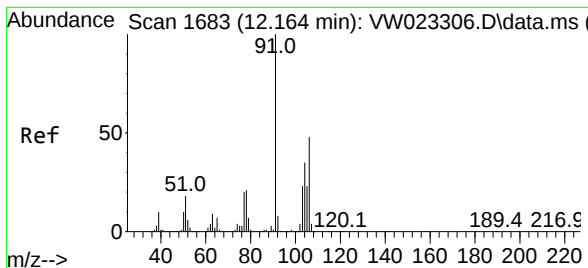
Tgt Ion: 91 Resp: 562425
Ion Ratio Lower Upper
91 100
106 33.3 22.3 41.3



#53
m,p-Xylene
Concen: 21.308 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:106 Resp: 224260
Ion Ratio Lower Upper
106 100
91 192.6 136.8 254.0

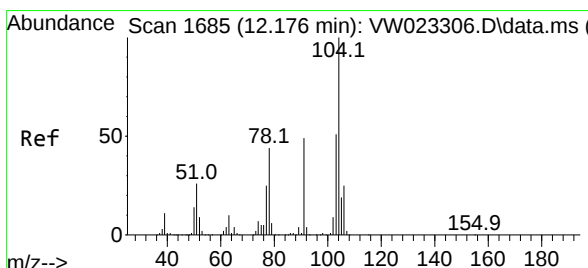
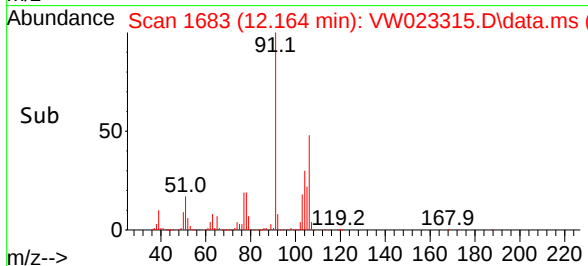
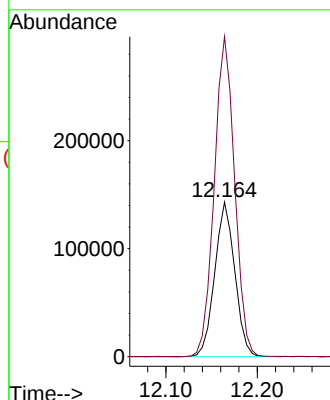
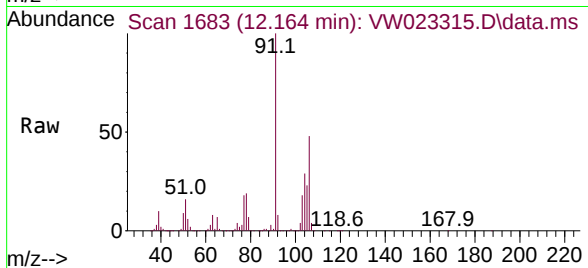




#54
o-Xylene
Concen: 21.618 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

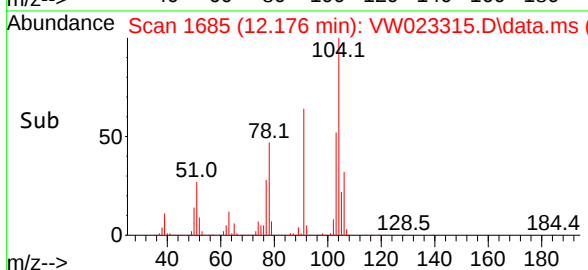
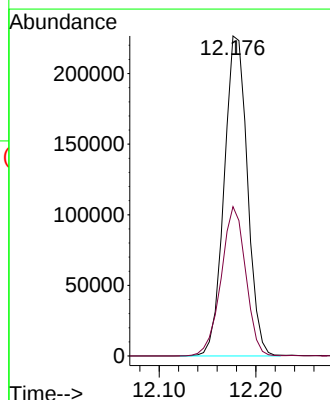
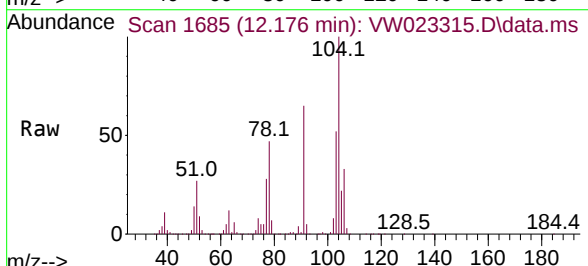
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

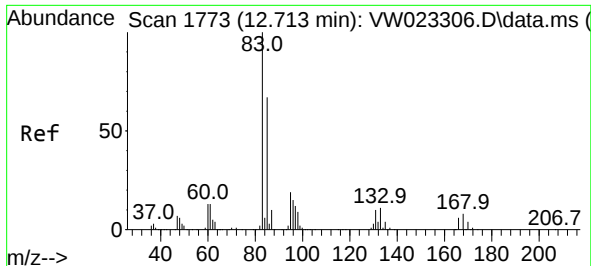
Tgt Ion:106 Resp: 218340
Ion Ratio Lower Upper
106 100
91 207.0 147.2 273.4



#55
Styrene
Concen: 22.066 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:104 Resp: 378693
Ion Ratio Lower Upper
104 100
78 46.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.493 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

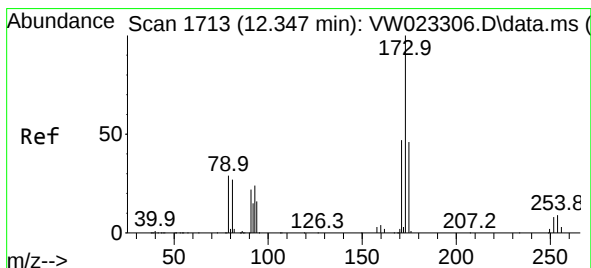
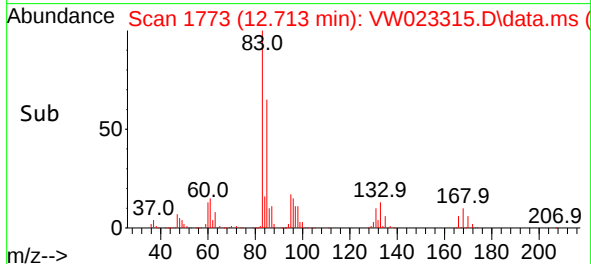
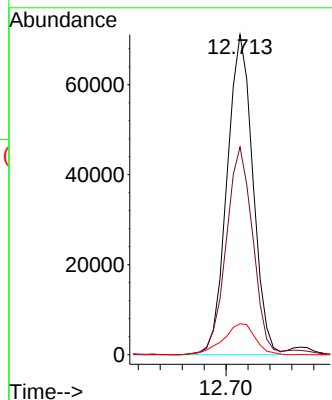
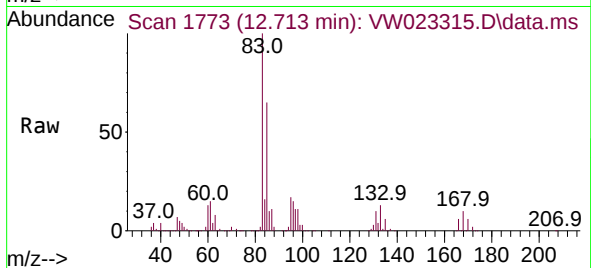
Tgt Ion: 83 Resp: 116348

Ion Ratio Lower Upper

83 100

85 64.9 47.5 88.1

131 9.6 8.7 13.1



#59

Bromoform

Concen: 20.135 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

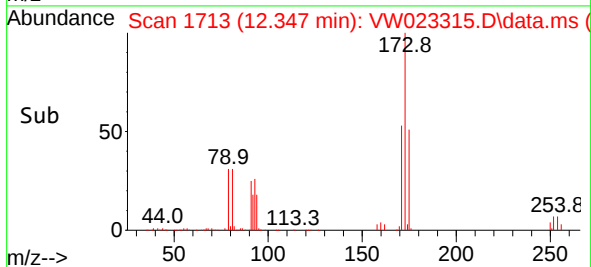
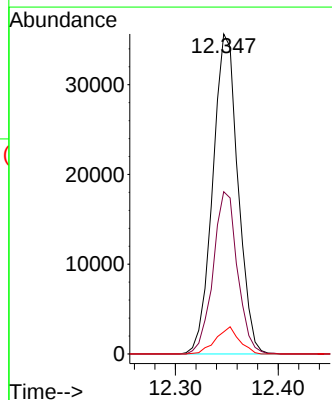
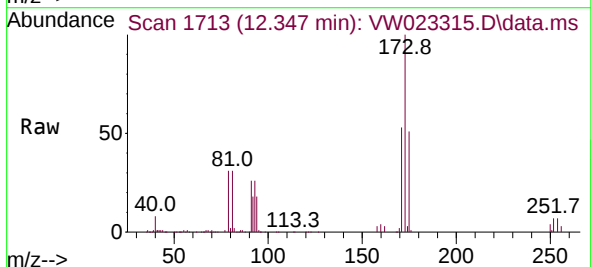
Tgt Ion: 173 Resp: 60760

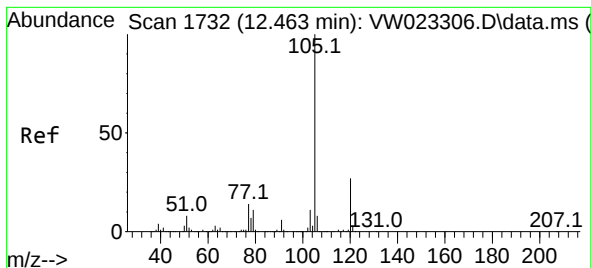
Ion Ratio Lower Upper

173 100

175 48.8 38.1 57.1

254 7.9 6.5 9.7





#60

Isopropylbenzene

Concen: 20.323 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

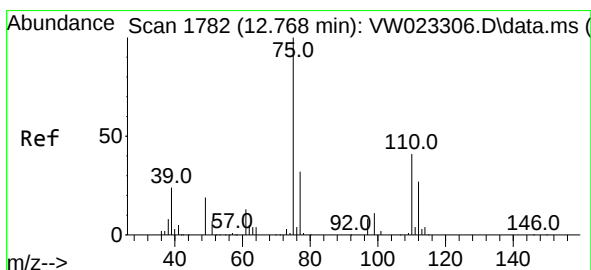
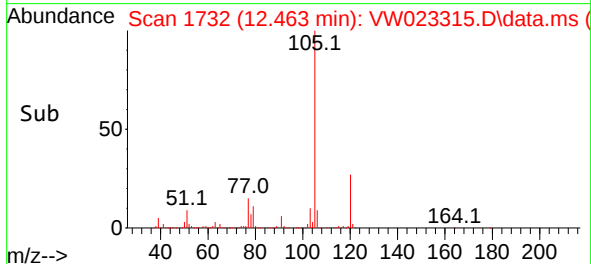
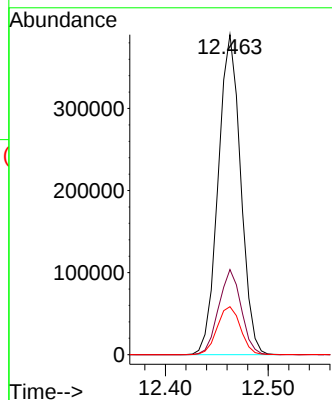
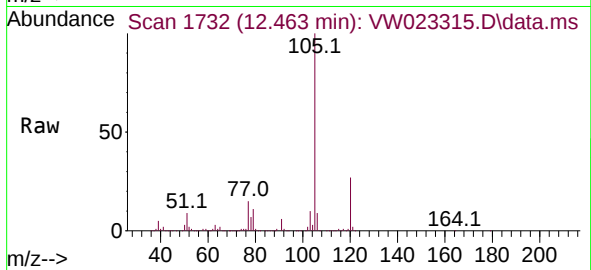
Tgt Ion:105 Resp: 592839

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 19.366 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

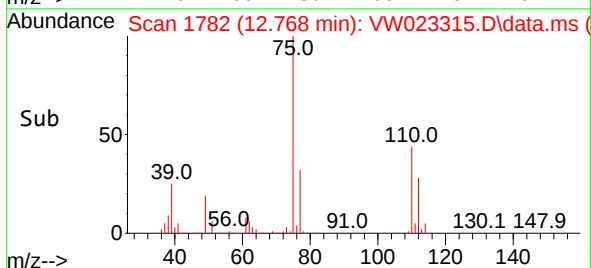
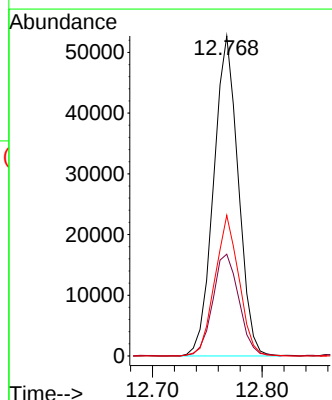
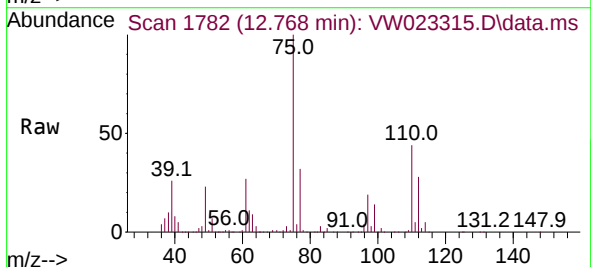
Tgt Ion: 75 Resp: 82396

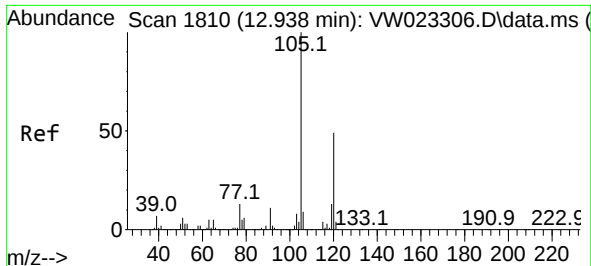
Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

110 42.9 34.1 51.1

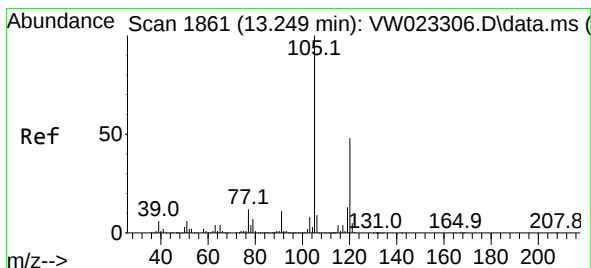
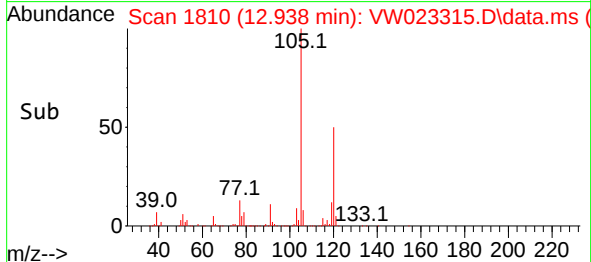
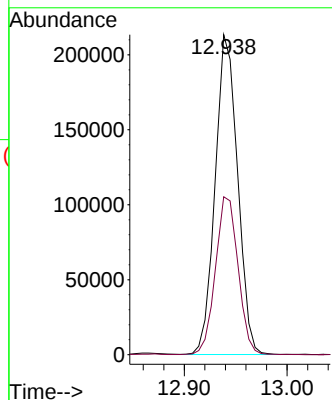
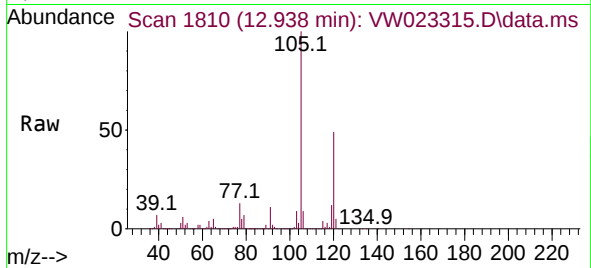




#62
1,3,5-Trimethylbenzene
Concen: 19.904 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

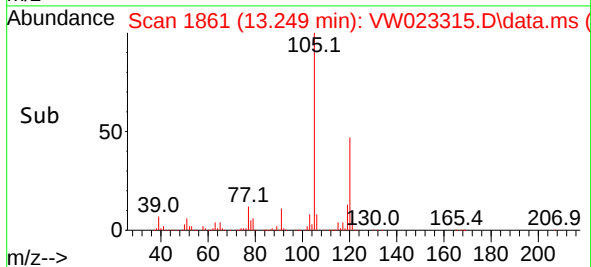
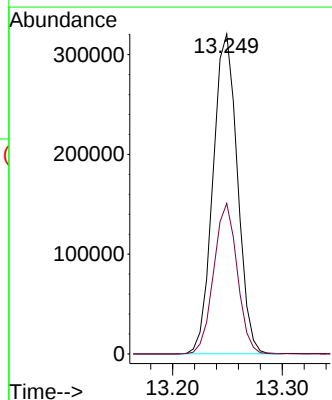
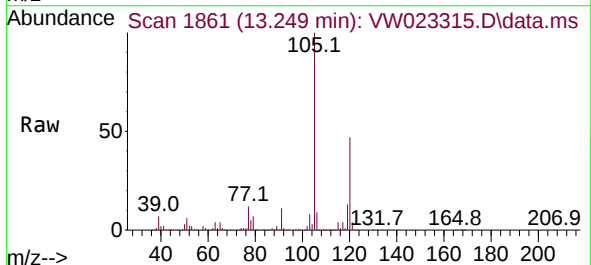
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

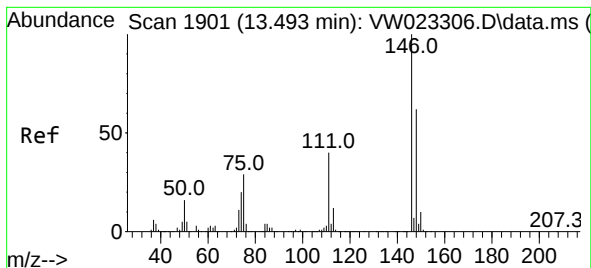
Tgt Ion:105 Resp: 323029
Ion Ratio Lower Upper
105 100
120 49.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 20.357 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:105 Resp: 496067
Ion Ratio Lower Upper
105 100
120 45.4 37.4 56.2

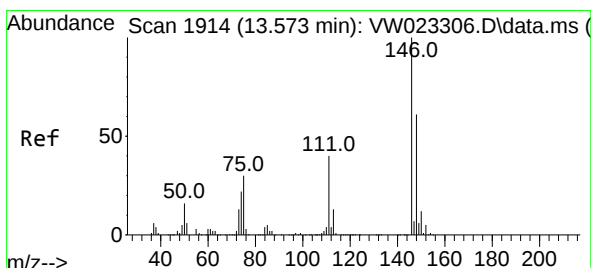
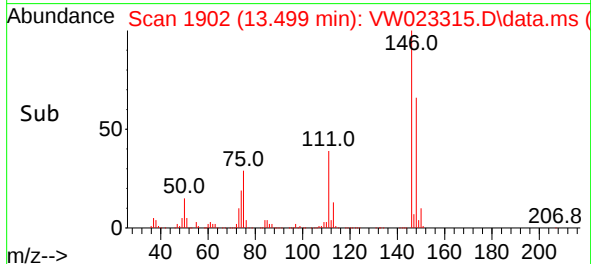
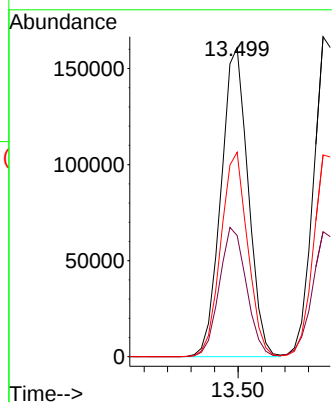
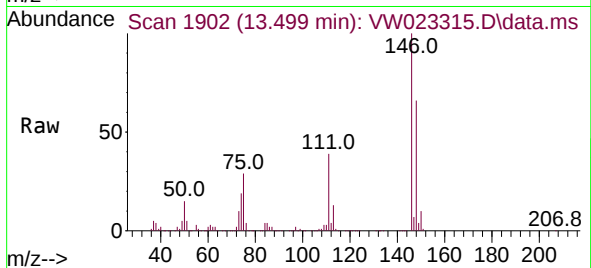




#64
1,3-Dichlorobenzene
Concen: 19.796 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

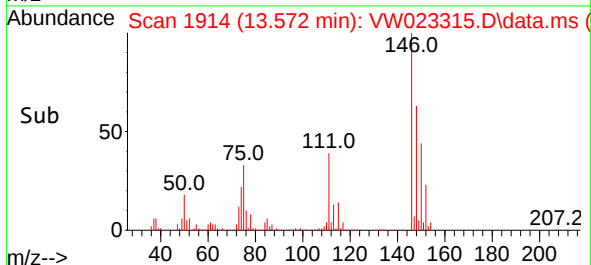
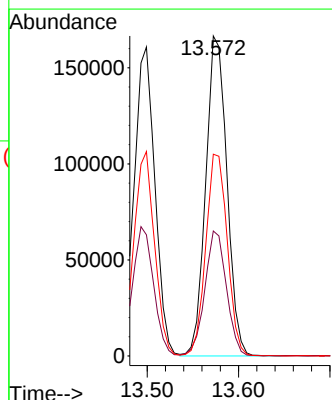
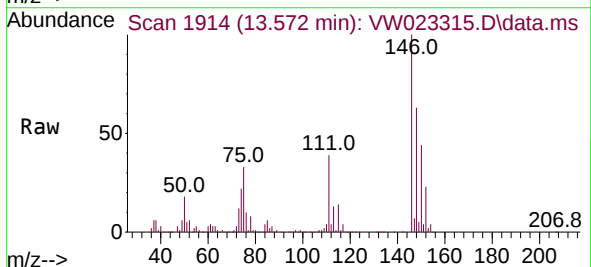
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

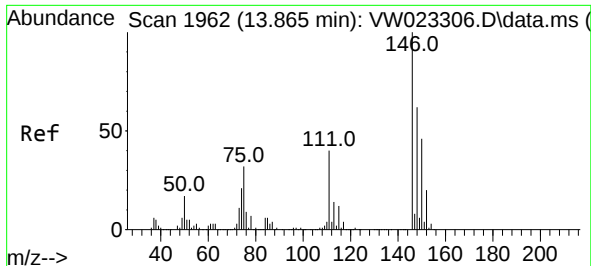
Tgt Ion:146 Resp: 257818
Ion Ratio Lower Upper
146 100
111 39.2 29.5 54.9
148 66.2 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 19.931 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:146 Resp: 268126
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.4
148 63.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 21.193 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

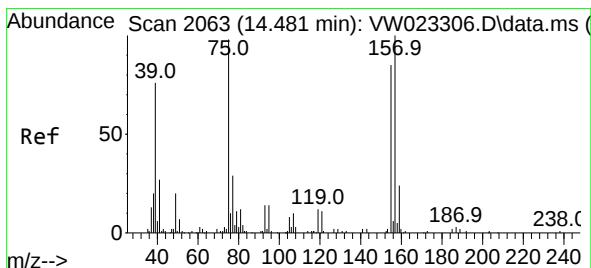
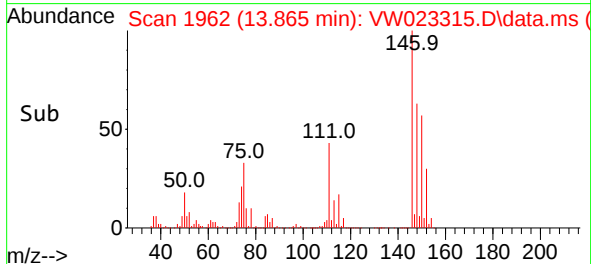
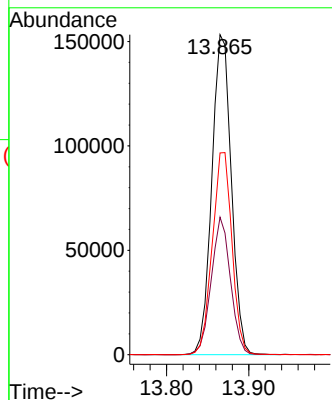
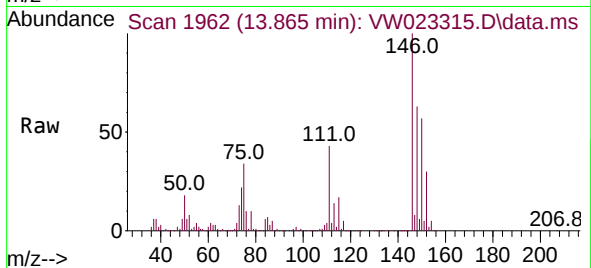
Tgt Ion:146 Resp: 252582

Ion Ratio Lower Upper

146 100

111 42.9 35.7 53.5

148 63.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 19.414 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

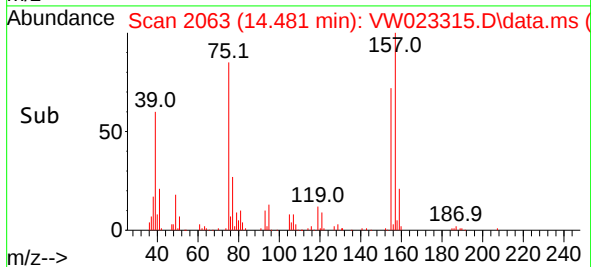
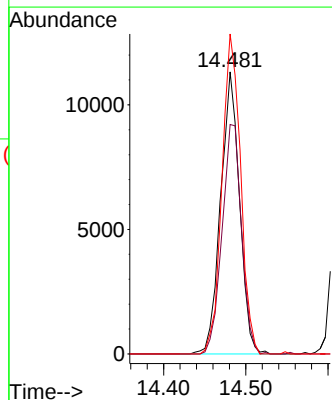
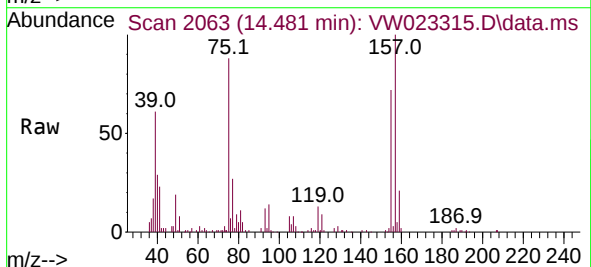
Tgt Ion: 75 Resp: 18052

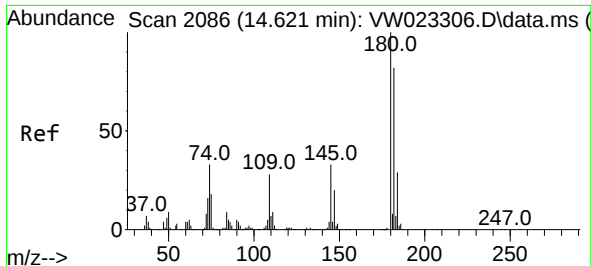
Ion Ratio Lower Upper

75 100

155 81.4 59.3 88.9

157 113.4 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 18.933 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

Tgt Ion:180 Resp: 163679

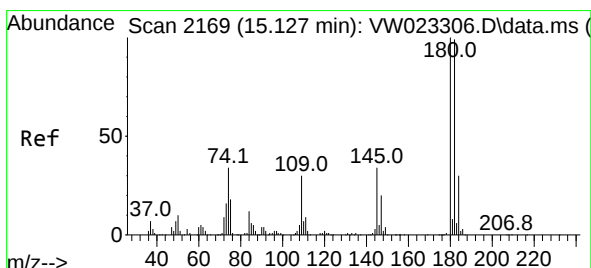
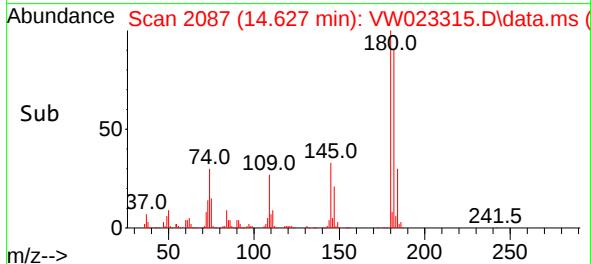
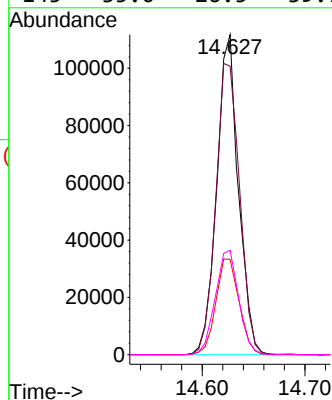
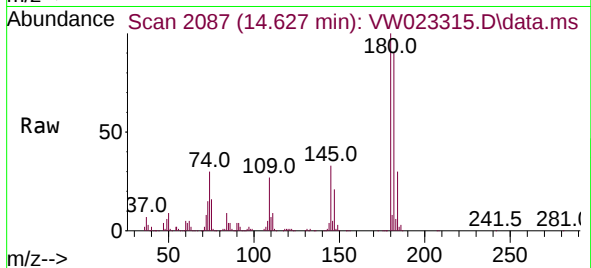
Ion Ratio Lower Upper

180 100

182 99.6 74.8 112.2

184 32.3 23.4 35.2

145 35.0 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 20.704 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023315.D

Acq: 25 May 2022 12:47

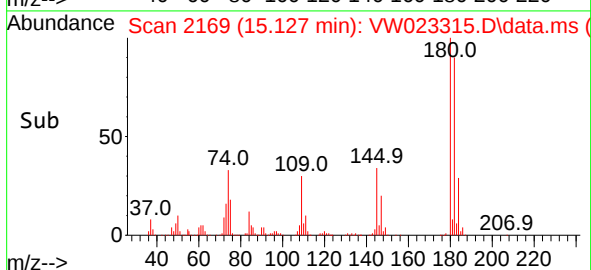
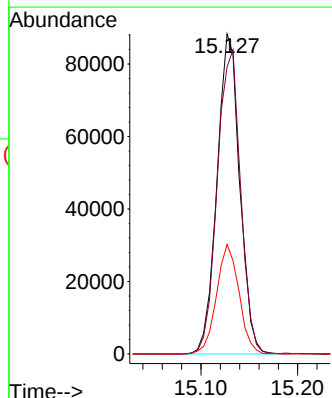
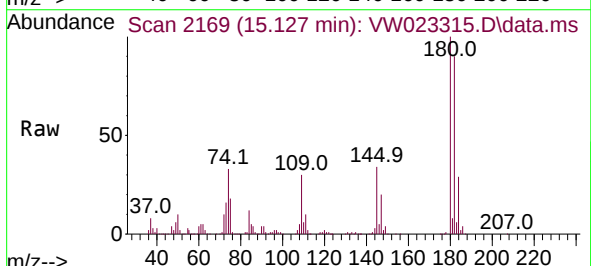
Tgt Ion:180 Resp: 143983

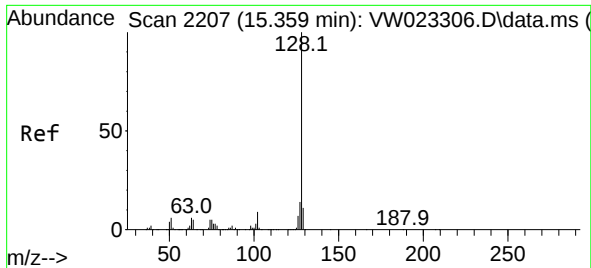
Ion Ratio Lower Upper

180 100

182 97.3 74.9 112.3

145 33.8 26.6 39.8

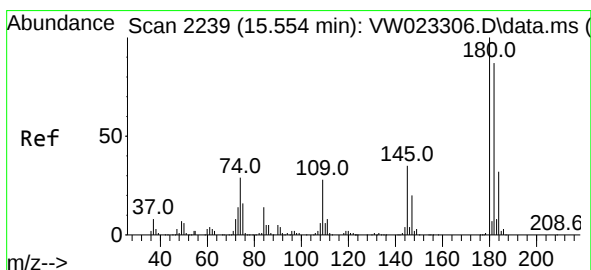
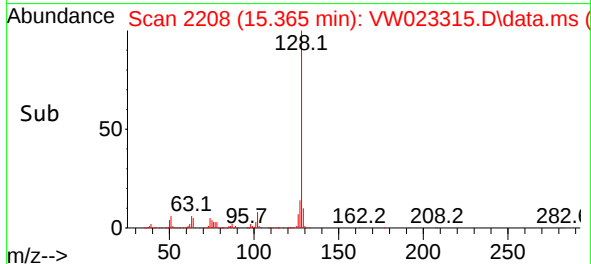
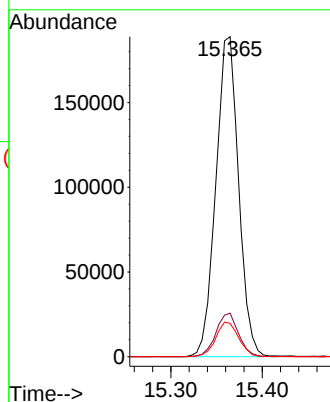
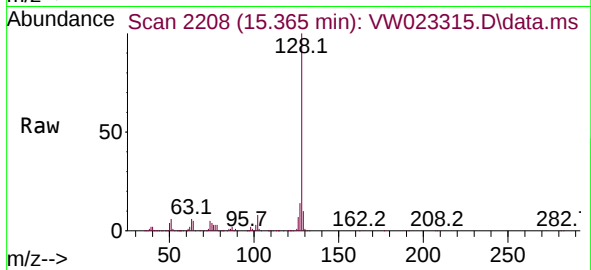




#71
Naphthalene
Concen: 21.627 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

Tgt Ion:128 Resp: 326891
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.427 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023315.D
Acq: 25 May 2022 12:47

Tgt Ion:180 Resp: 132068
Ion Ratio Lower Upper
180 100
182 96.8 73.5 110.3
145 34.8 27.9 41.9

