

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023316.D
 Acq On : 25 May 2022 13:11
 Operator : SY/VA
 Sample : N2996-12MSD
 Misc : 4.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT3MSD

Quant Time: May 26 01:31:03 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	295230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296924	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	92571	15.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.120%
7) Chloroethane-d5	2.885	69	71760	18.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.840%
11) 1,1-Dichloroethene-d2	4.025	63	145258	18.560	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.240%
21) 2-Butanone-d5	7.080	46	90875	78.909	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.820%#
24) Chloroform-d	7.653	84	210012	24.280	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	8.305	65	119594	25.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.840%
32) Benzene-d6	8.275	84	361599	21.128	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	9.274	67	113934	23.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.323	98	342445	20.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.840%
43) trans-1,3-Dichloroprop...	10.579	79	54580	24.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.640%
47) 2-Hexanone-d5	10.921	63	78695	85.748	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.500%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	159798	35.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.640%#
66) 1,2-Dichlorobenzene-d4	13.847	152	147359	23.981	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	38696	24.044	ug/L	96
3) Chloromethane	2.215	50	93220	29.975	ug/L	96
5) Vinyl chloride	2.361	62	183782	29.445	ug/L	98
6) Bromomethane	2.776	94	75785	18.911	ug/L	96
8) Chloroethane	2.922	64	68826	22.863	ug/L	96
9) Trichlorofluoromethane	3.251	101	59106	20.719	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	106524	24.973	ug/L	98
12) 1,1-Dichloroethene	4.038	96	91553	24.212	ug/L	95
13) Acetone	4.123	43	49871	57.840	ug/L	97
14) Carbon disulfide	4.385	76	238896	23.045	ug/L	97
15) Methyl Acetate	4.666	43	46719	26.971	ug/L	99
16) Methylene chloride	4.916	84	103628	23.988	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	105914	24.891	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	193630	29.809	ug/L	99
19) 1,1-Dichloroethane	6.214	63	182338	25.283	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	284610	62.272	ug/L #	98
22) 2-Butanone	7.171	43	75737	62.810	ug/L	93
23) Bromochloromethane	7.513	128	58566	27.362	ug/L	89
25) Chloroform	7.677	83	206538	25.900	ug/L	100

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 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

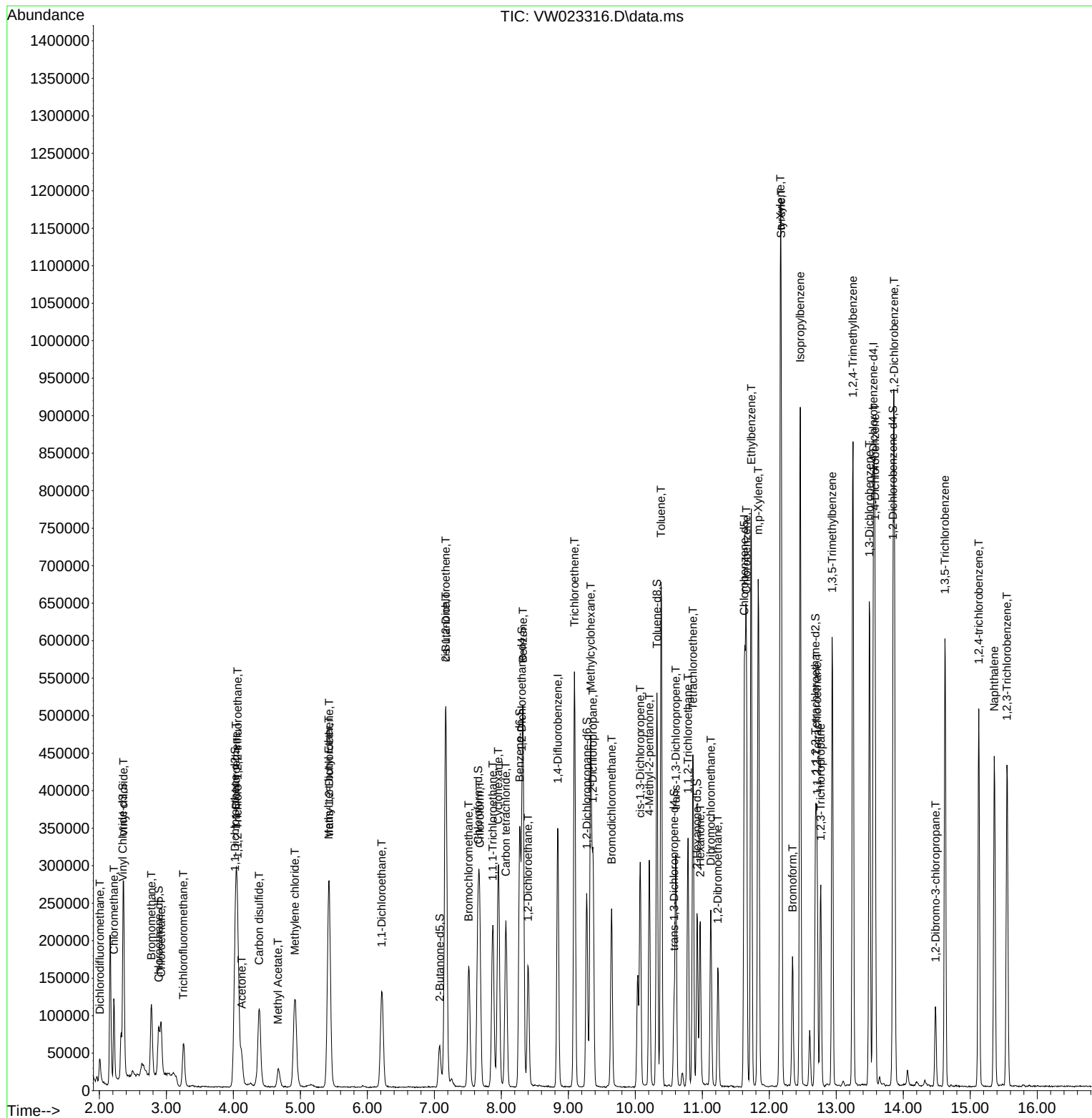
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143717	27.036	ug/L	100
29) Cyclohexane	7.952	56	158889	24.743	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	178539	25.444	ug/L	98
31) Carbon tetrachloride	8.067	117	160665	24.477	ug/L	100
33) Benzene	8.323	78	431935	24.693	ug/L	100
34) Trichloroethene	9.092	95	187304	38.937	ug/L	96
35) Methylcyclohexane	9.335	83	192943	24.415	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107150	25.313	ug/L	100
38) Bromodichloromethane	9.646	83	151683	25.228	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	169363	25.804	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	184915	69.307	ug/L	99
42) Toluene	10.384	91	498351	25.422	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	162644	27.763	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101917	28.801	ug/L	98
46) Tetrachloroethene	10.860	164	91814	25.397	ug/L	86
48) 2-Hexanone	10.969	43	134617	75.514	ug/L	98
49) Dibromochloromethane	11.128	129	117401	27.566	ug/L	91
50) 1,2-Dibromoethane	11.231	107	101854	28.665	ug/L #	97
51) Chlorobenzene	11.658	112	329448	25.492	ug/L	99
52) Ethylbenzene	11.731	91	547273	25.094	ug/L	99
53) m,p-Xylene	11.835	106	221821	25.814	ug/L	99
54) o-Xylene	12.164	106	214161	25.971	ug/L	97
55) Styrene	12.176	104	371000	26.477	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	139477	31.557	ug/L	99
59) Bromoform	12.347	173	71777	28.812	ug/L	99
60) Isopropylbenzene	12.463	105	578285	24.013	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	102897	29.296	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	315045	23.515	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	475668	23.645	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	263624	24.519	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	261888	23.581	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	256834	26.104	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	24607	32.056	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	177569	24.880	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	148277	25.827	ug/L	99
71) Naphthalene	15.359	128	373334	29.919	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	138429	27.205	ug/L	97

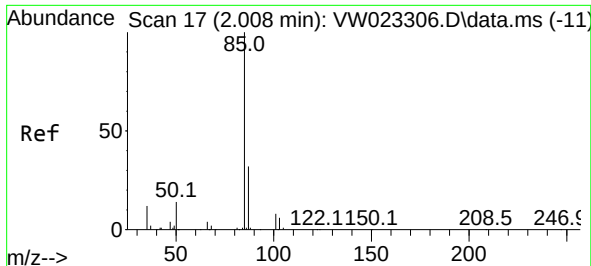
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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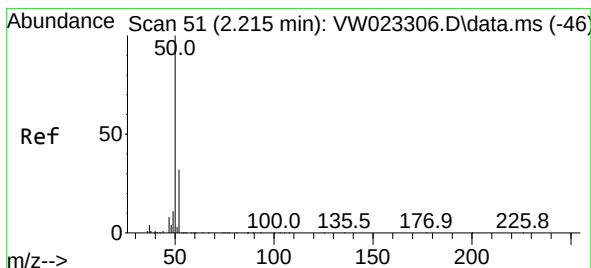
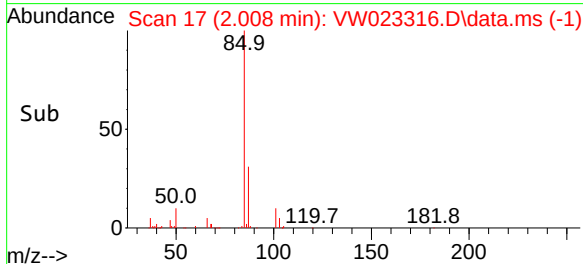
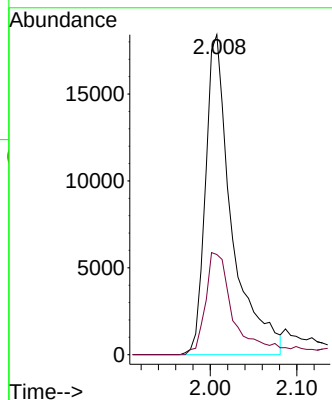
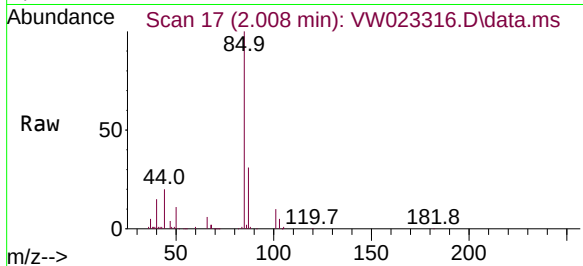




#2
Dichlorodifluoromethane
Concen: 24.044 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

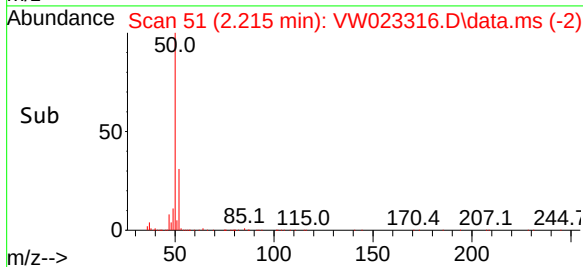
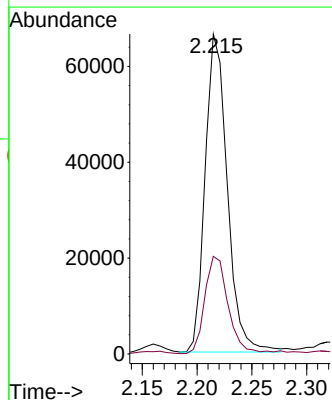
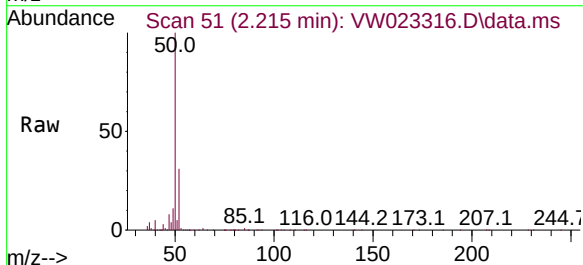
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

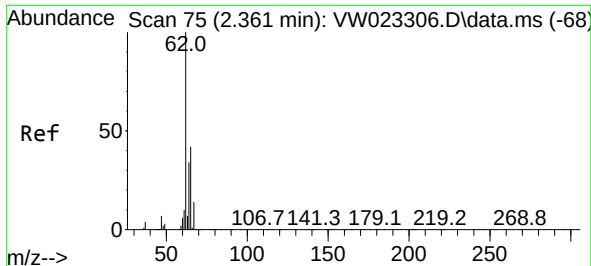
Tgt Ion: 85 Resp: 38696
Ion Ratio Lower Upper
85 100
87 32.8 27.8 41.8



#3
Chloromethane
Concen: 29.975 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 50 Resp: 93220
Ion Ratio Lower Upper
50 100
52 30.5 23.1 42.9

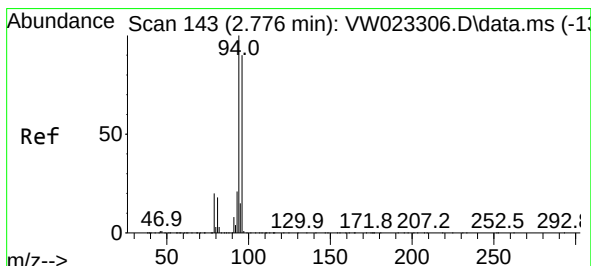
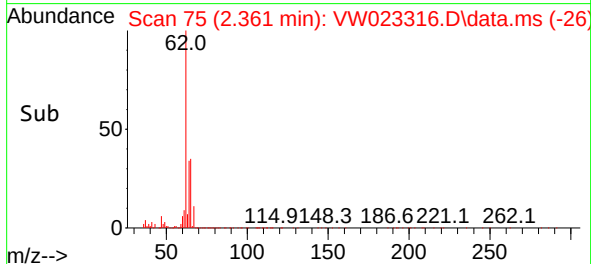
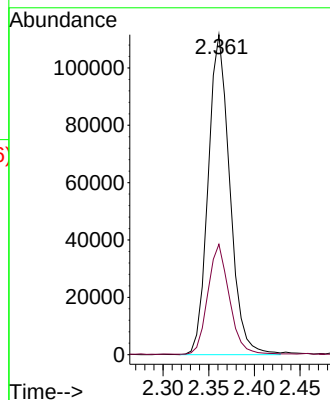
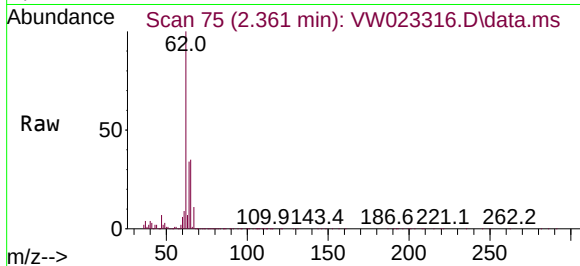




#5
 Vinyl chloride
 Concen: 29.445 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023316.D
 Acq: 25 May 2022 13:11

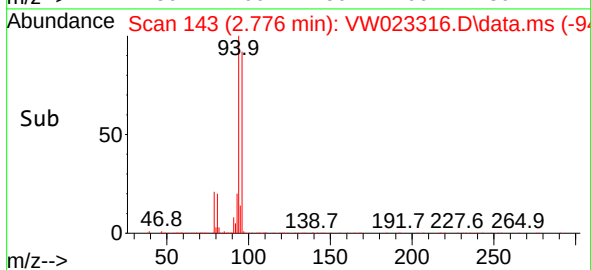
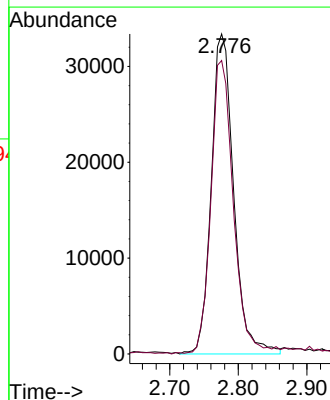
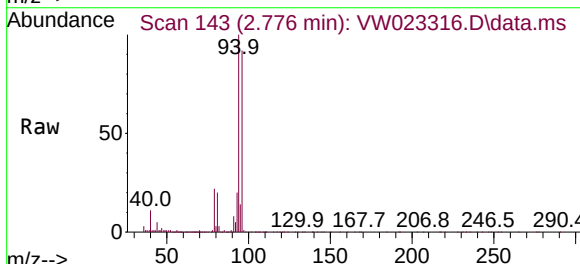
Instrument :
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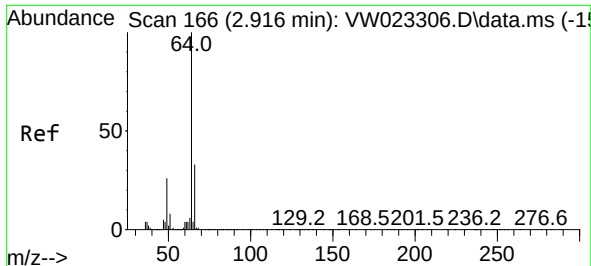
Tgt Ion: 62 Resp: 183782
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.9 46.3



#6
 Bromomethane
 Concen: 18.911 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023316.D
 Acq: 25 May 2022 13:11

Tgt Ion: 94 Resp: 75785
 Ion Ratio Lower Upper
 94 100
 96 91.7 61.7 114.5

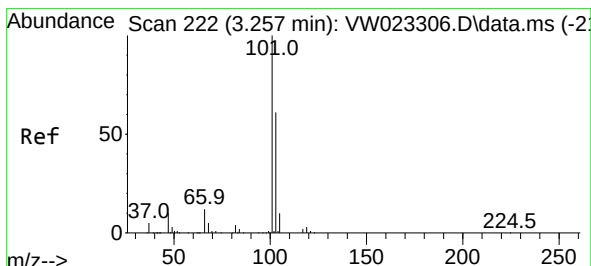
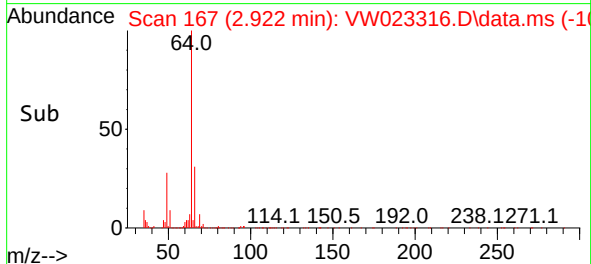
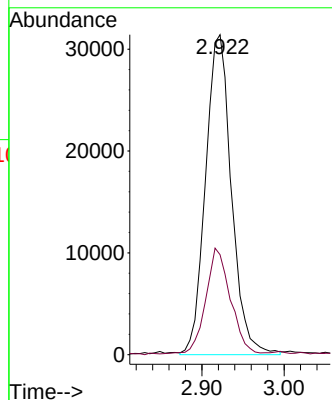
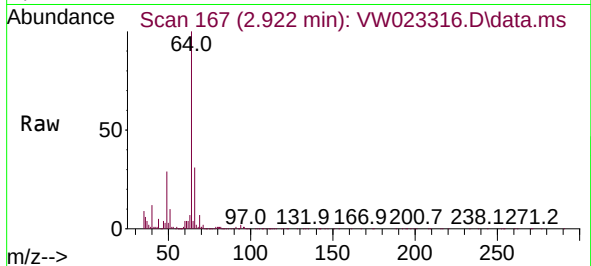




#8
Chloroethane
Concen: 22.863 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

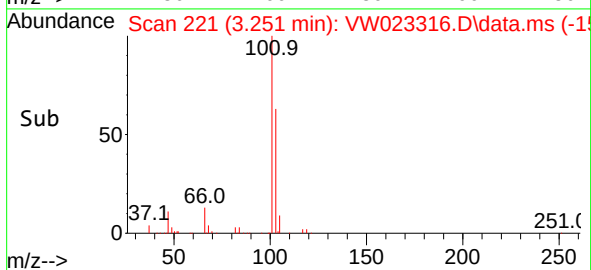
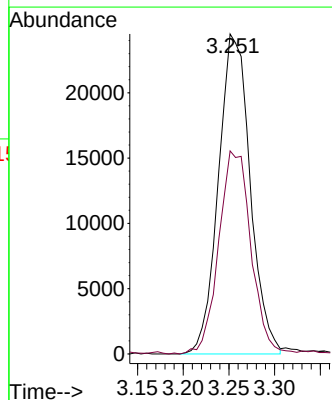
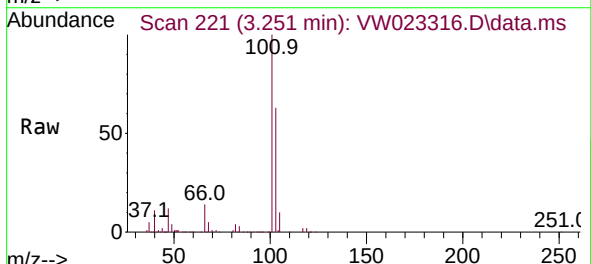
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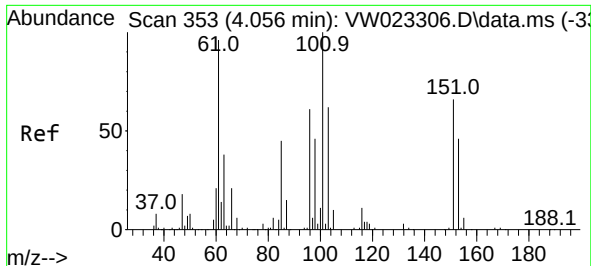
Tgt Ion: 64 Resp: 68826
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.719 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 101 Resp: 59106
Ion Ratio Lower Upper
101 100
103 64.3 53.9 80.9





#10

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

Concen: 24.973 ug/L

RT: 4.062 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

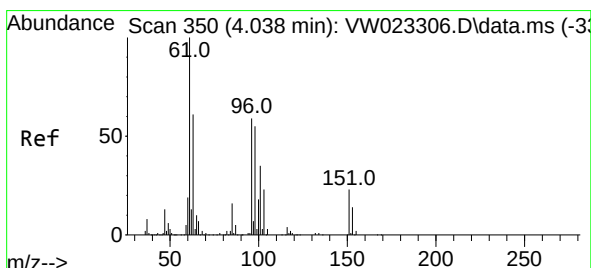
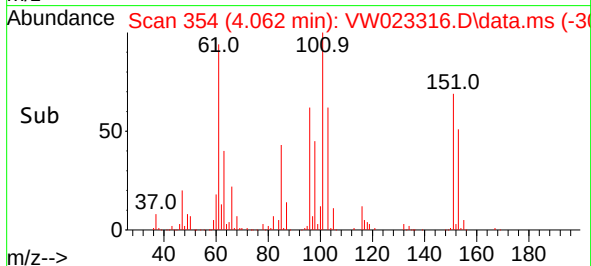
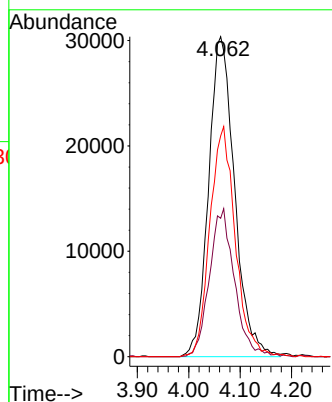
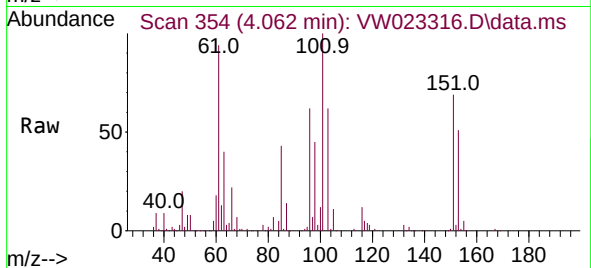
Tgt Ion:101 Resp: 106524

Ion Ratio Lower Upper

101 100

85 43.6 34.3 51.5

151 69.6 54.2 81.2



#12

1,1-Dichloroethene

Concen: 24.212 ug/L

RT: 4.038 min Scan# 350

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

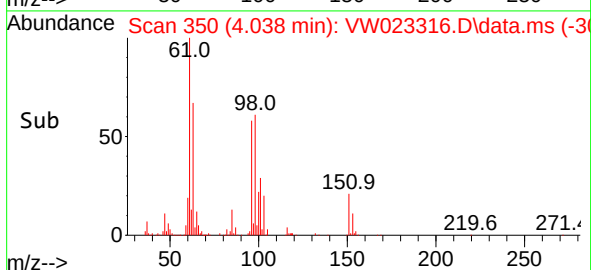
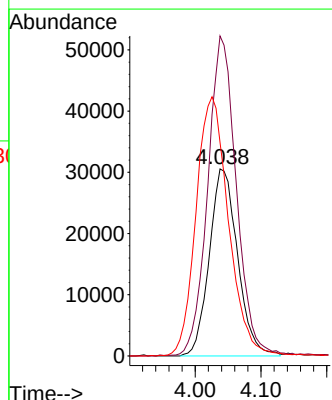
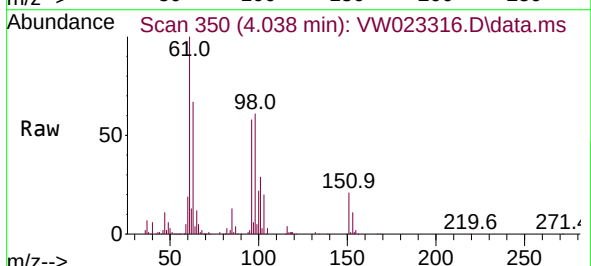
Tgt Ion: 96 Resp: 91553

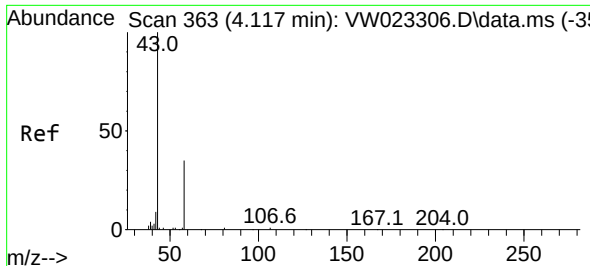
Ion Ratio Lower Upper

96 100

61 171.0 125.7 233.5

63 114.1 83.4 155.0

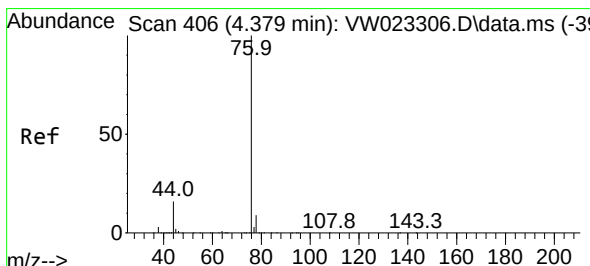
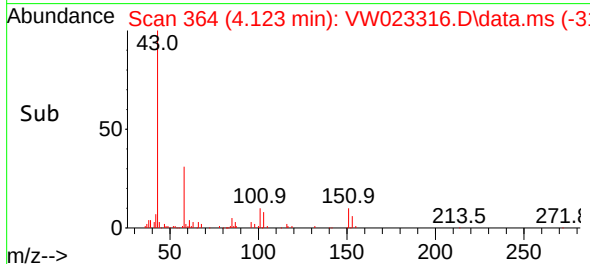
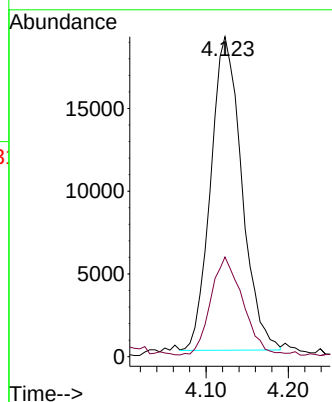
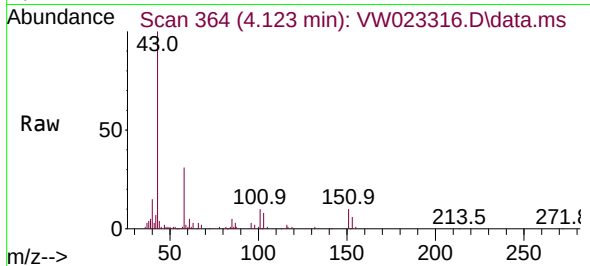




#13
Acetone
Concen: 57.840 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

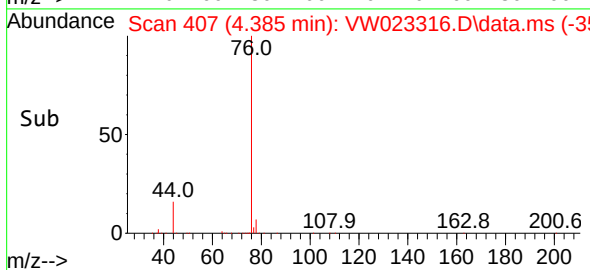
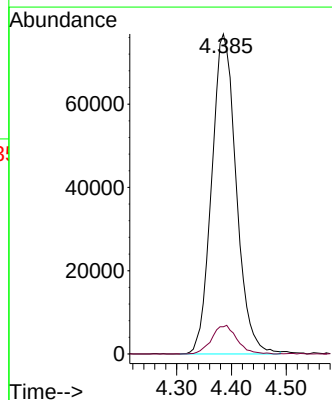
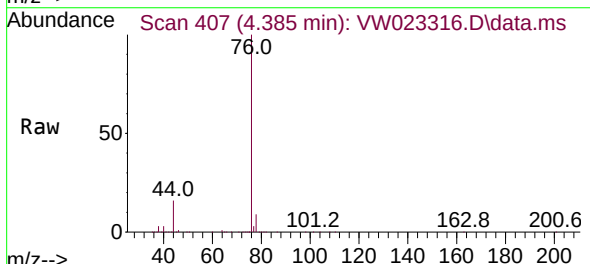
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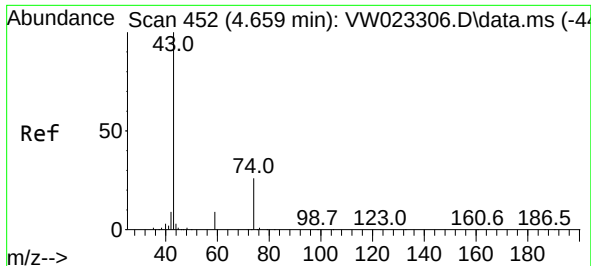
Tgt Ion: 43 Resp: 49871
Ion Ratio Lower Upper
43 100
58 33.7 0.0 64.0



#14
Carbon disulfide
Concen: 23.045 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 238896
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5

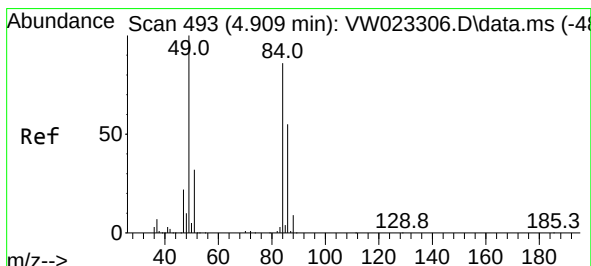
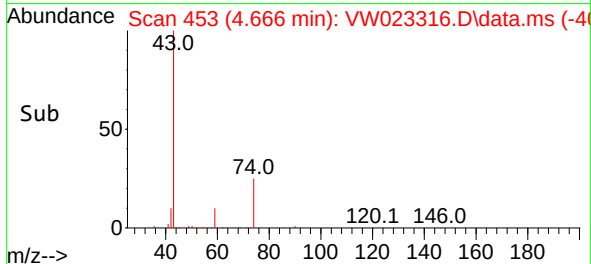
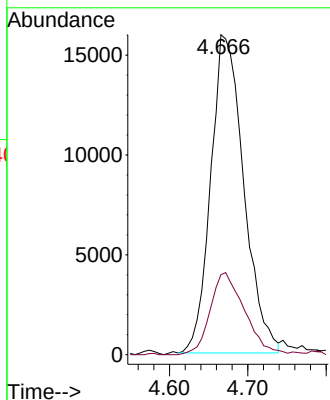
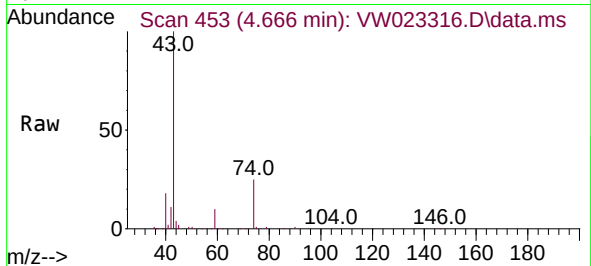




#15
Methyl Acetate
Concen: 26.971 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

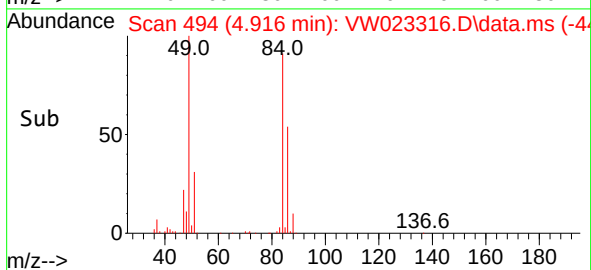
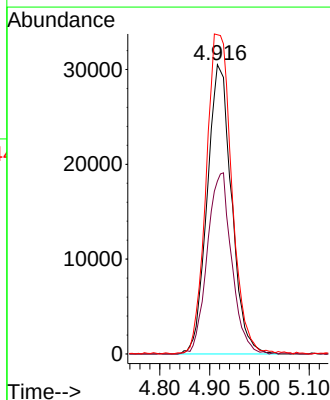
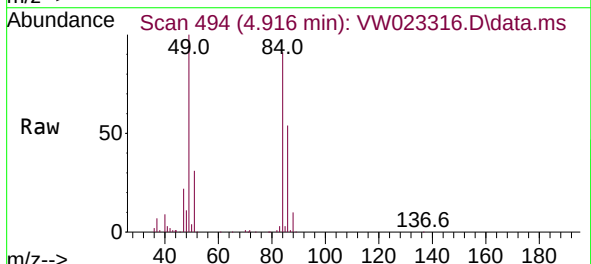
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

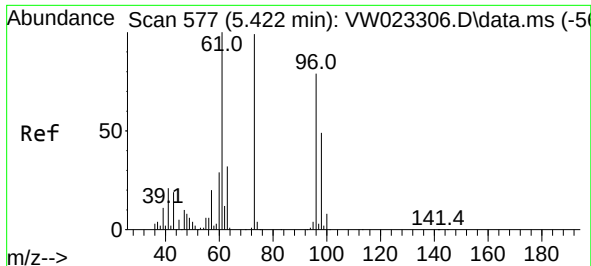
Tgt Ion: 43 Resp: 46719
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9



#16
Methylene chloride
Concen: 23.988 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 84 Resp: 103628
Ion Ratio Lower Upper
84 100
86 59.7 45.4 84.4
49 110.3 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 24.891 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

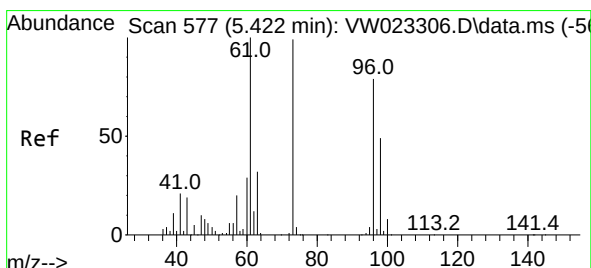
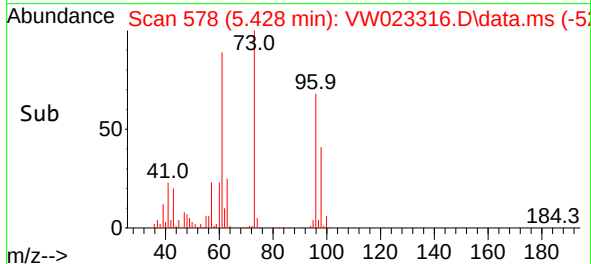
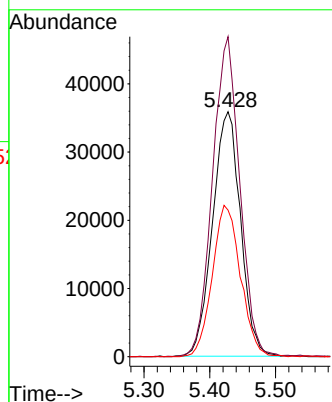
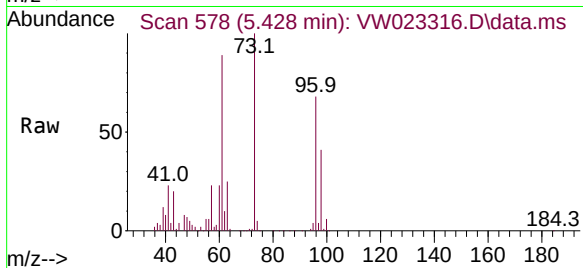
Tgt Ion: 96 Resp: 105914

Ion Ratio Lower Upper

96 100

61 130.6 92.2 171.2

98 59.8 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 29.809 ug/L

RT: 5.422 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

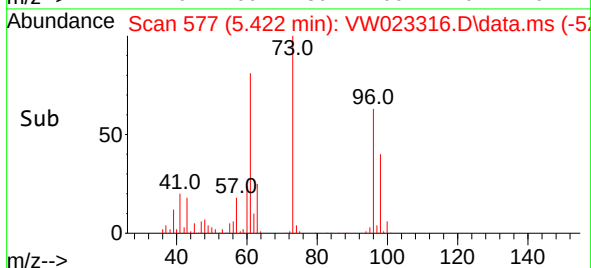
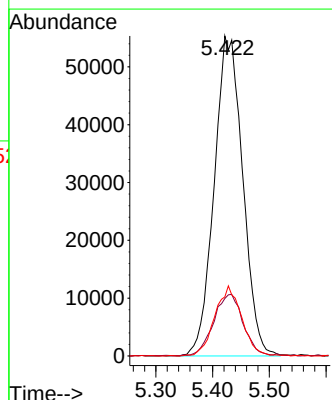
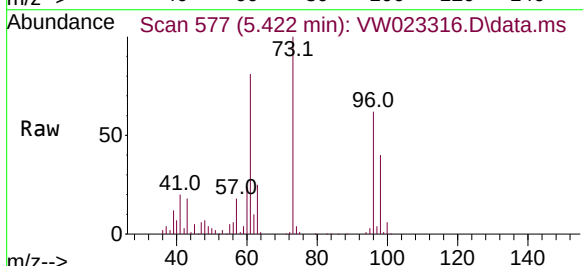
Tgt Ion: 73 Resp: 193630

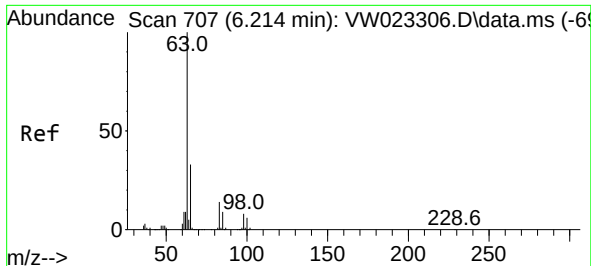
Ion Ratio Lower Upper

73 100

43 19.5 15.9 23.9

57 20.4 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.283 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

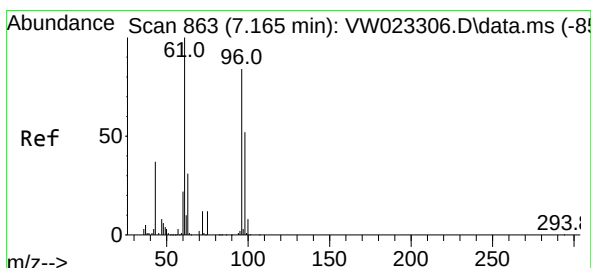
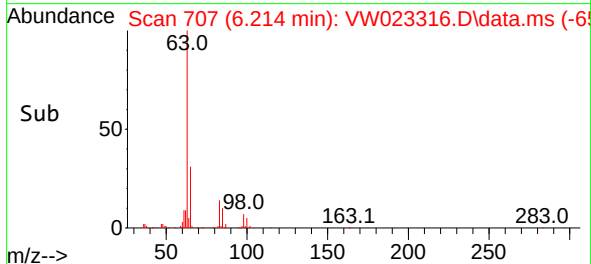
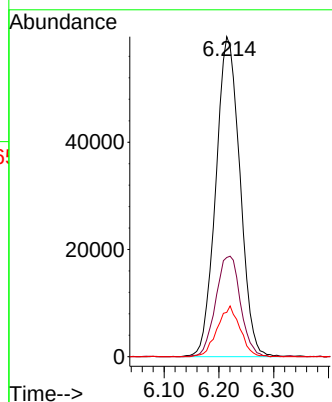
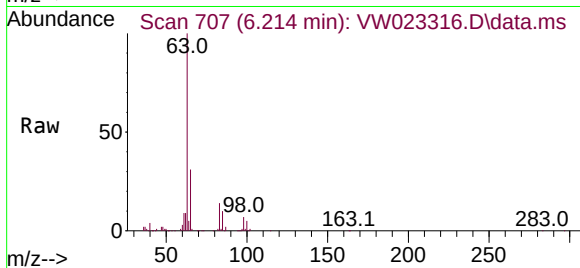
Tgt Ion: 63 Resp: 182338

Ion Ratio Lower Upper

63 100

65 31.0 23.3 43.3

83 13.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 62.272 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

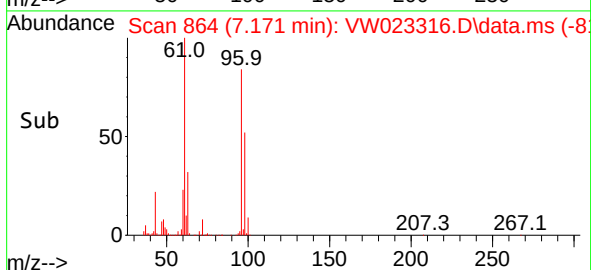
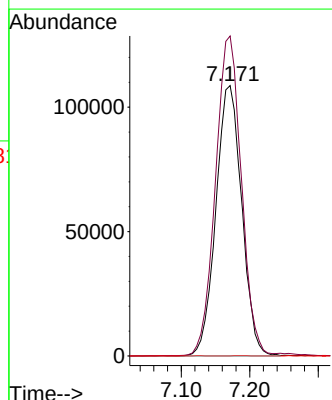
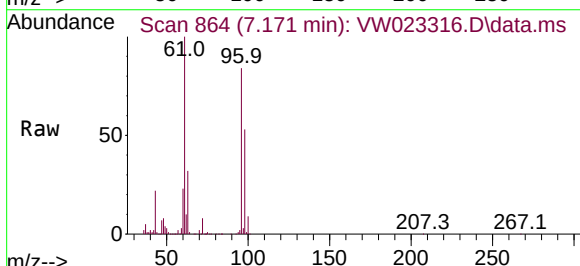
Tgt Ion: 96 Resp: 284610

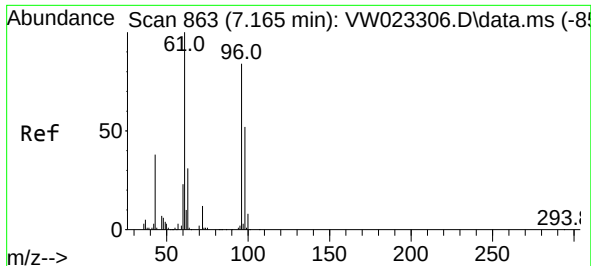
Ion Ratio Lower Upper

96 100

61 118.4 84.2 156.4

68 0.0 0.1 0.1#

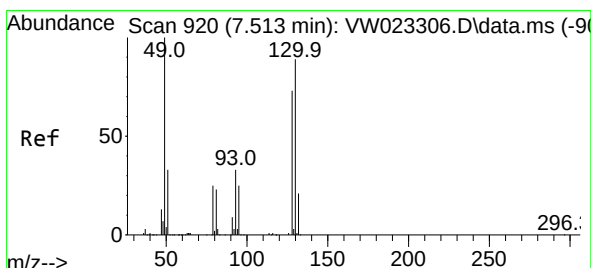
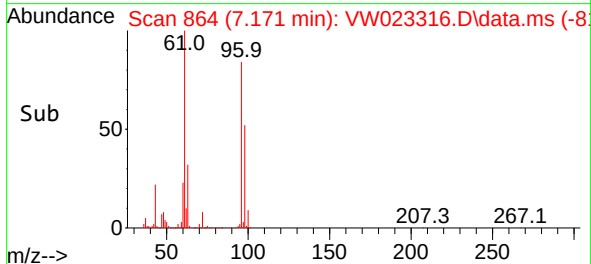
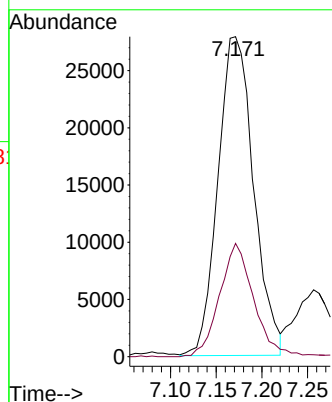
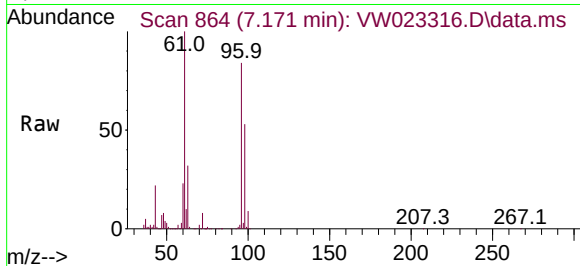




#22
2-Butanone
Concen: 62.810 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

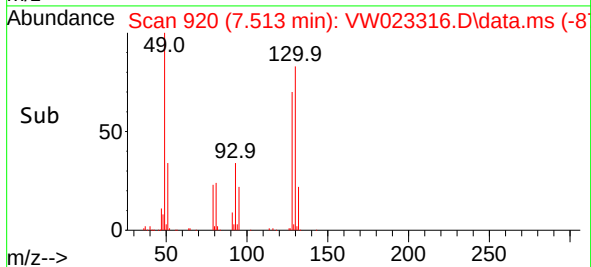
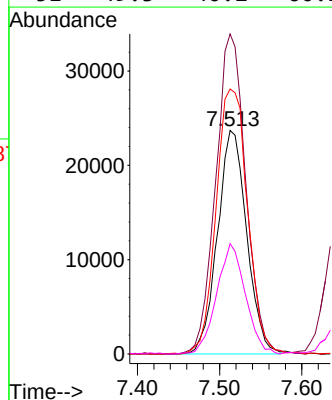
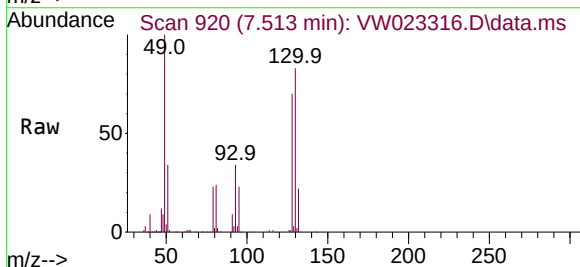
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

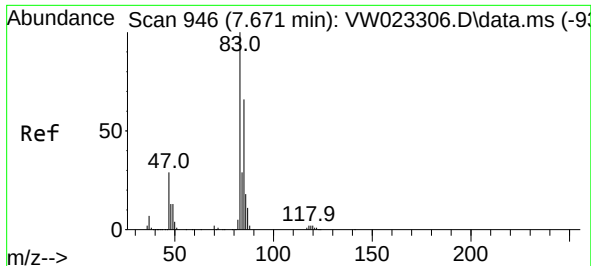
Tgt Ion: 43 Resp: 75737
Ion Ratio Lower Upper
43 100
72 33.8 15.1 45.3



#23
Bromochloromethane
Concen: 27.362 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 128 Resp: 58566
Ion Ratio Lower Upper
128 100
49 143.2 110.0 204.4
130 118.6 94.8 176.0
51 49.3 40.2 60.2

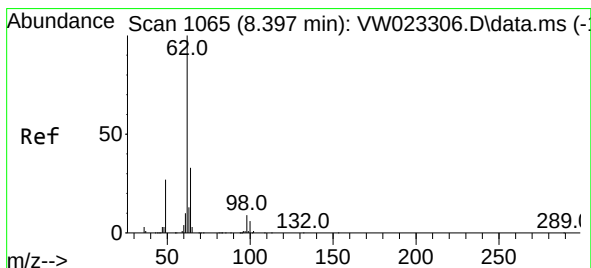
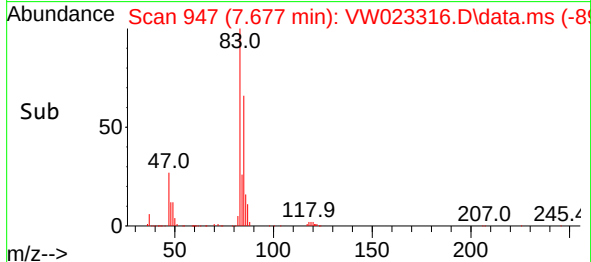
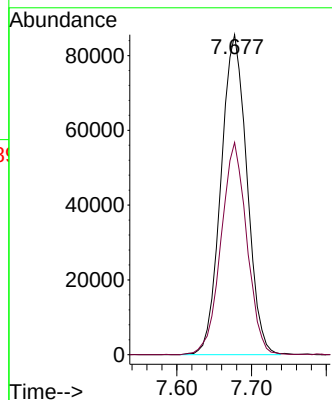
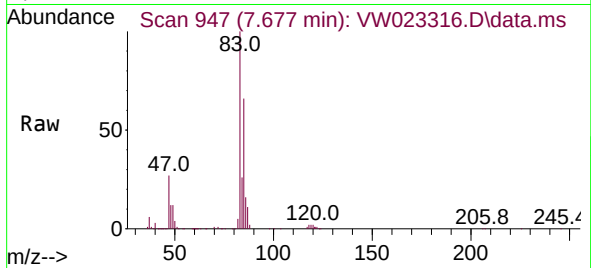




#25
Chloroform
Concen: 25.900 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

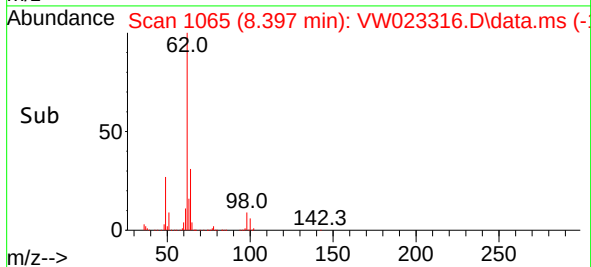
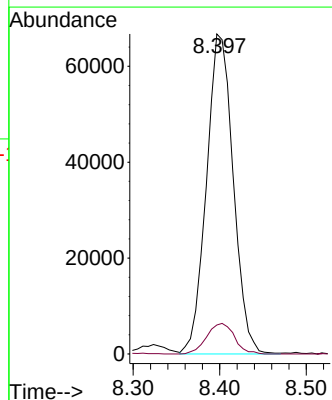
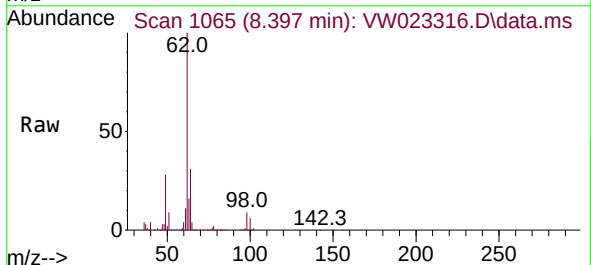
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

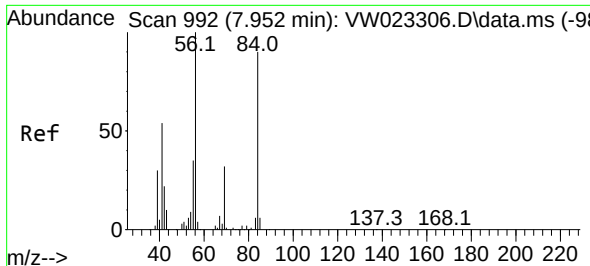
Tgt Ion: 83 Resp: 206538
Ion Ratio Lower Upper
83 100
85 66.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.036 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 62 Resp: 143717
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

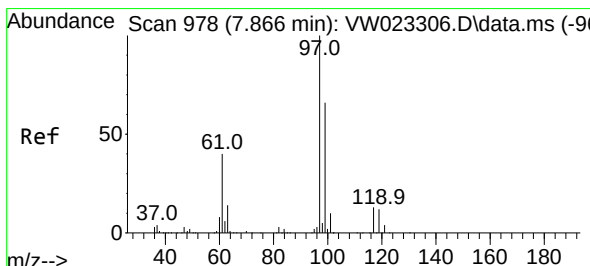
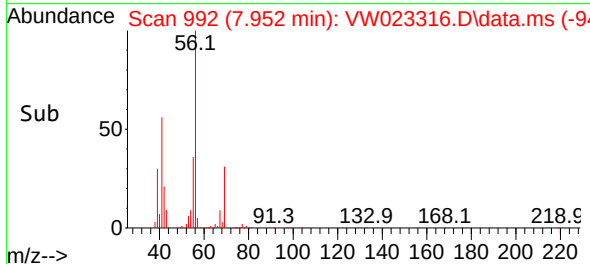
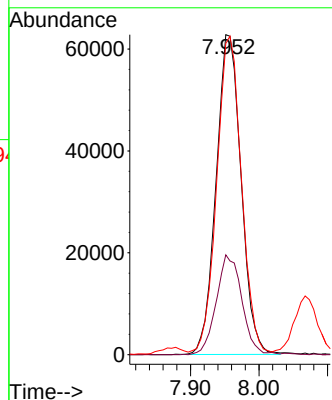
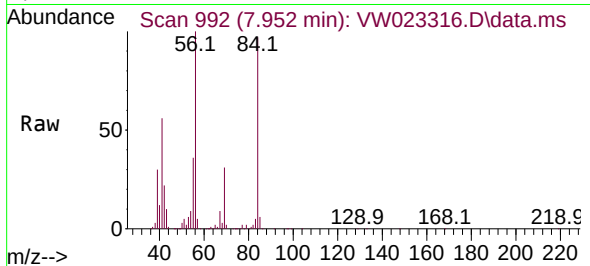




#29
Cyclohexane
Concen: 24.743 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

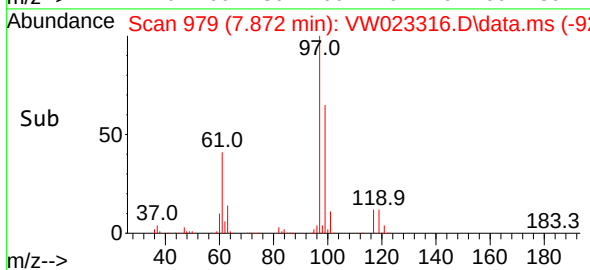
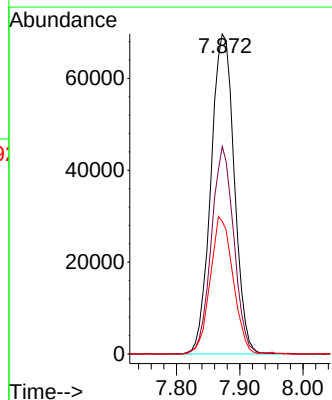
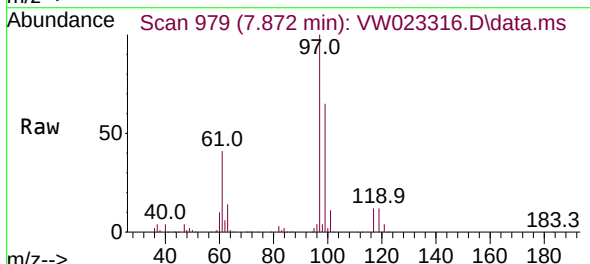
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

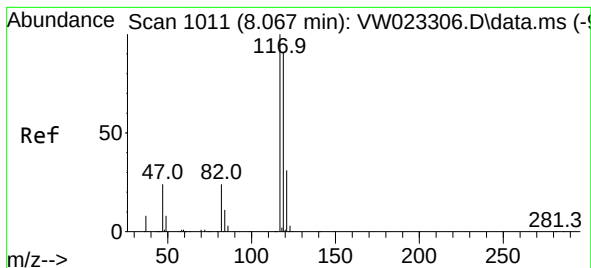
Tgt Ion: 56 Resp: 158889
Ion Ratio Lower Upper
56 100
69 31.6 25.6 38.4
84 98.9 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 25.444 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 97 Resp: 178539
Ion Ratio Lower Upper
97 100
99 62.3 51.0 76.4
61 42.0 34.8 52.2

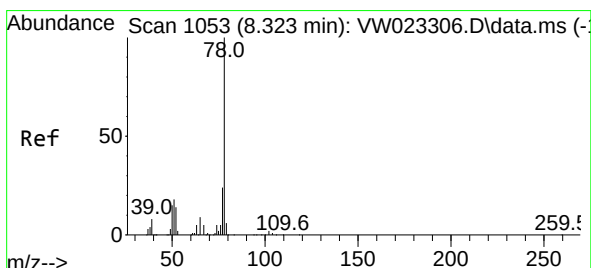
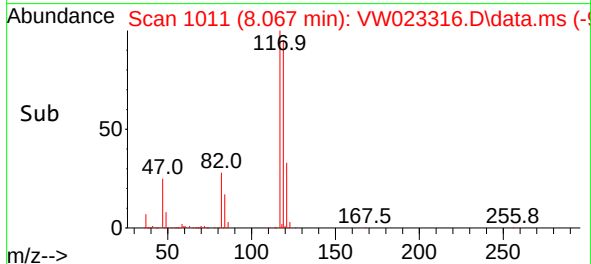
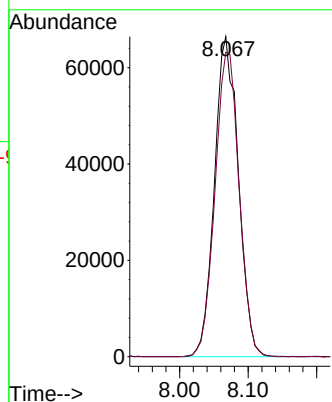
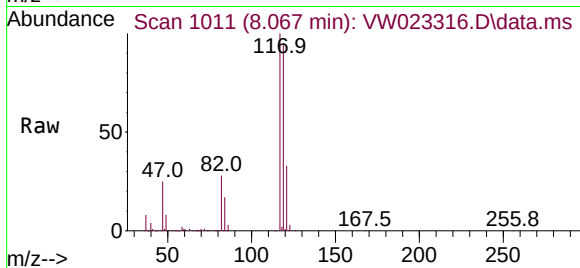




#31
Carbon tetrachloride
Concen: 24.477 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

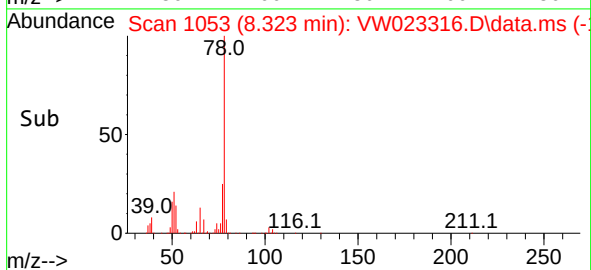
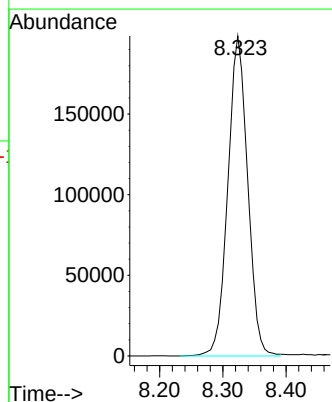
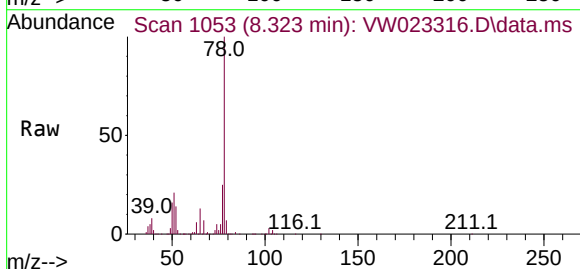
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

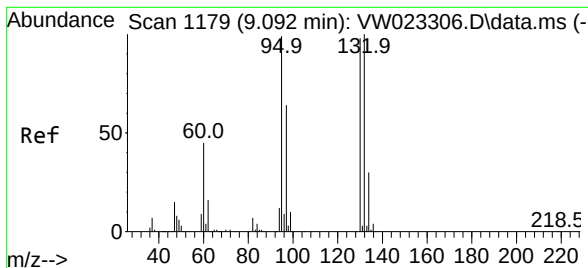
Tgt Ion:117 Resp: 160665
Ion Ratio Lower Upper
117 100
119 96.3 76.6 115.0



#33
Benzene
Concen: 24.693 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 78 Resp: 431935





#34

Trichloroethene

Concen: 38.937 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

Tgt Ion: 95 Resp: 187304

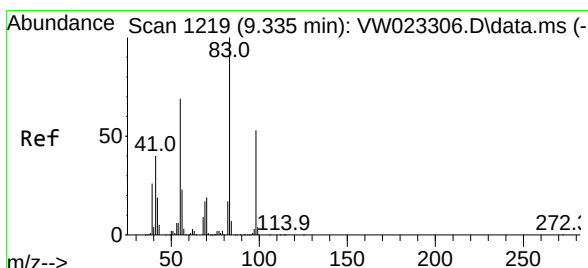
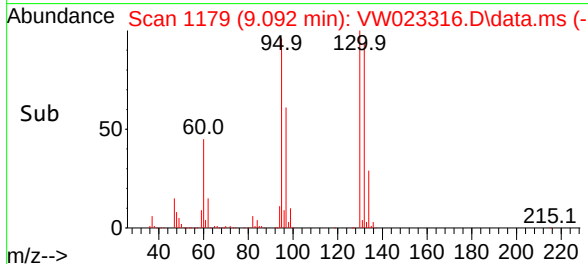
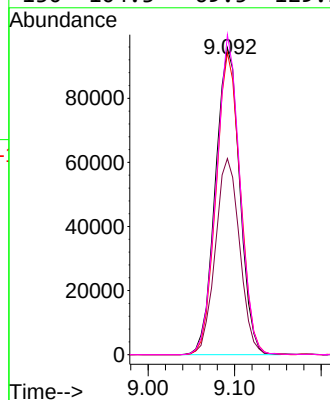
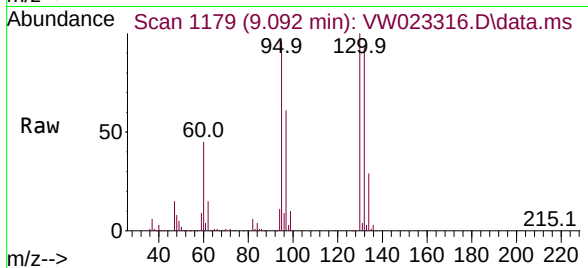
Ion Ratio Lower Upper

95 100

97 63.9 46.1 85.7

132 98.5 66.9 124.3

130 104.3 69.5 129.1



#35

Methylcyclohexane

Concen: 24.415 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

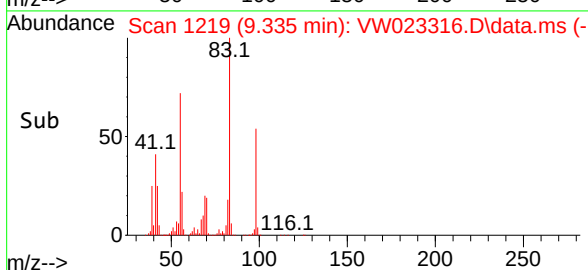
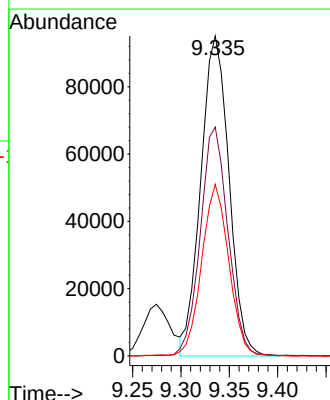
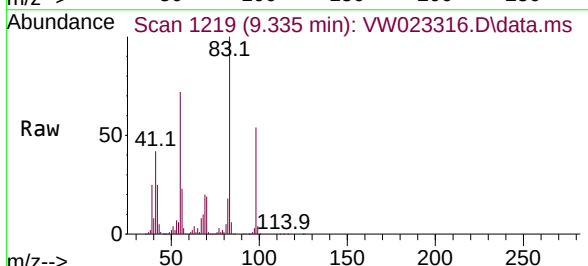
Tgt Ion: 83 Resp: 192943

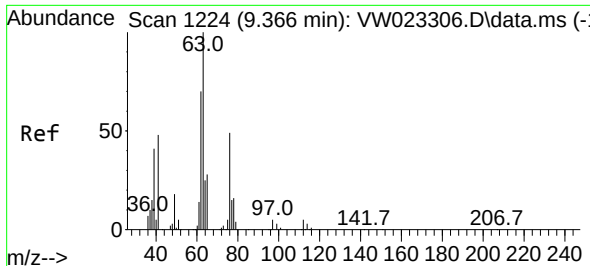
Ion Ratio Lower Upper

83 100

55 70.1 55.1 82.7

98 51.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.313 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

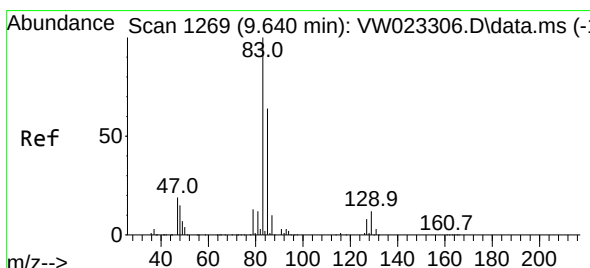
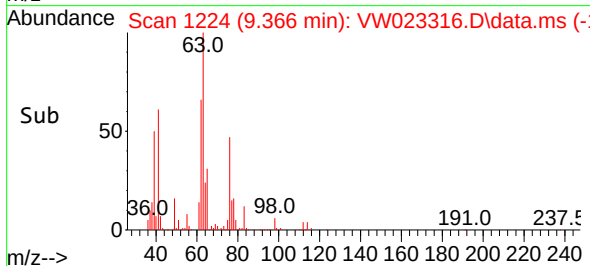
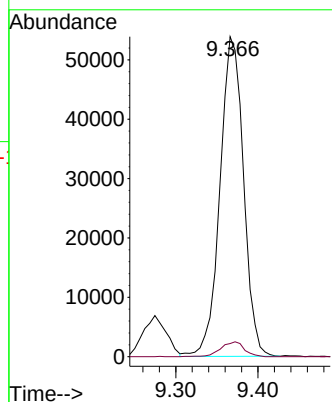
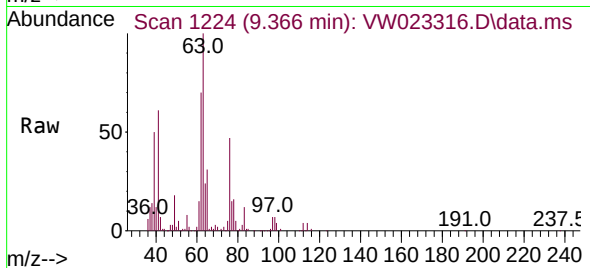
GBGT3MSD

Tgt Ion: 63 Resp: 107150

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 25.228 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

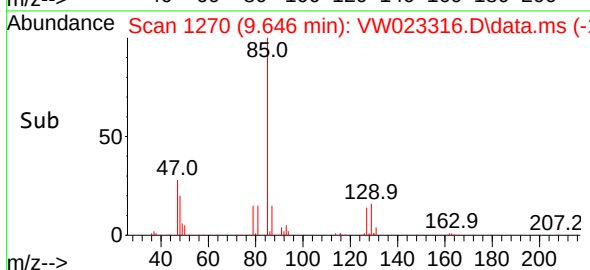
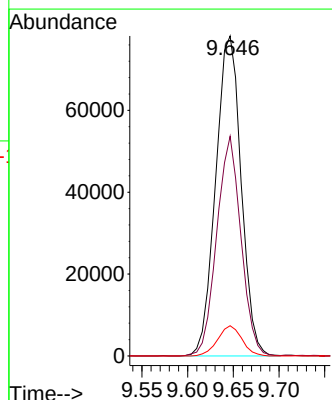
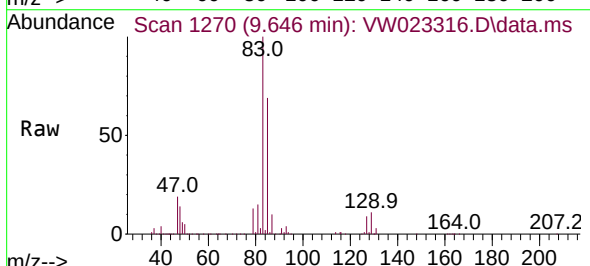
Tgt Ion: 83 Resp: 151683

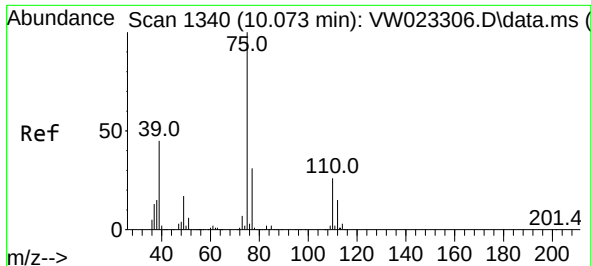
Ion Ratio Lower Upper

83 100

85 68.7 43.5 80.7

127 9.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.804 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

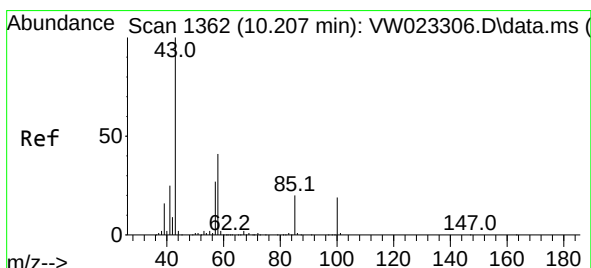
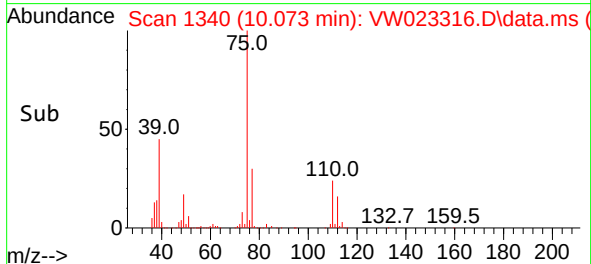
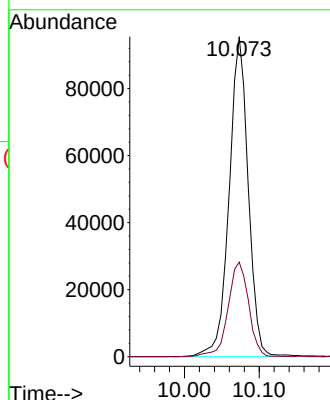
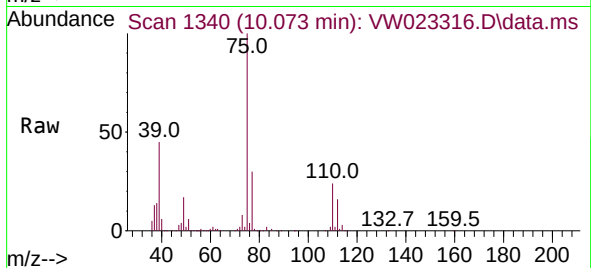
GBGT3MSD

Tgt Ion: 75 Resp: 169363

Ion Ratio Lower Upper

75 100

77 29.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 69.307 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

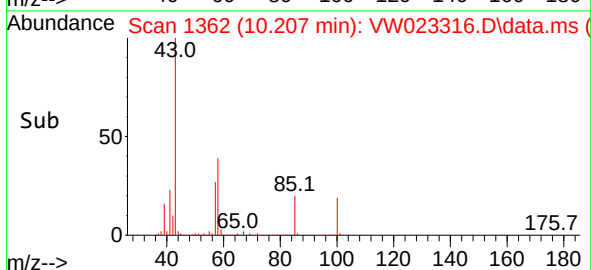
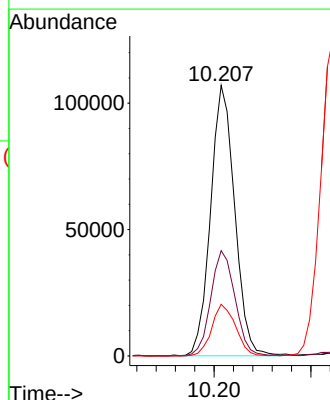
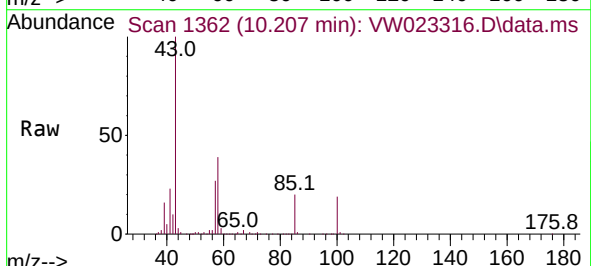
Tgt Ion: 43 Resp: 184915

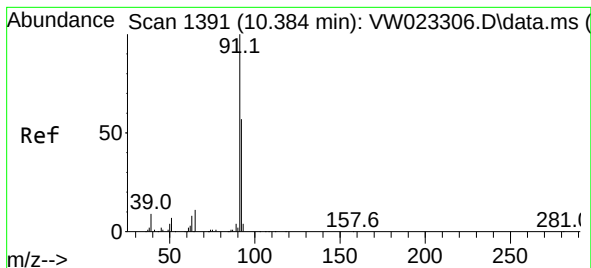
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 19.0 14.2 21.4





#42

Toluene

Concen: 25.422 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

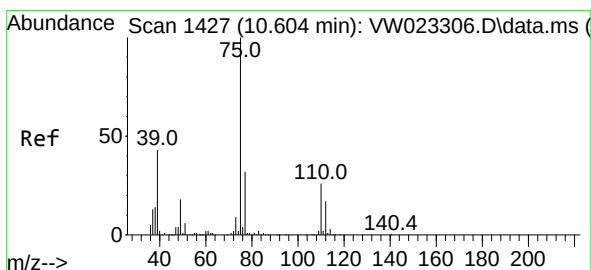
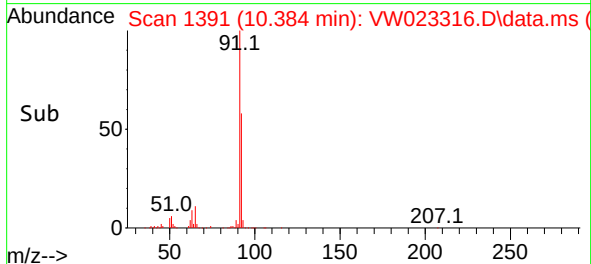
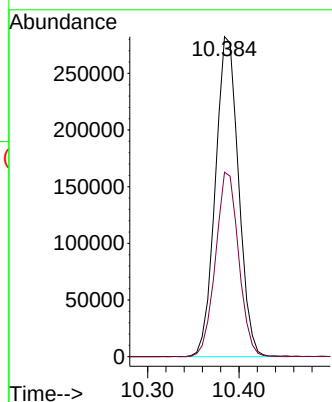
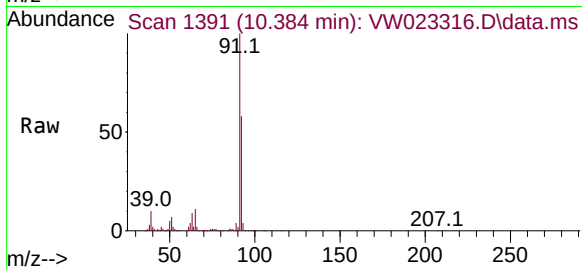
GBGT3MSD

Tgt Ion: 91 Resp: 498351

Ion Ratio Lower Upper

91 100

92 57.7 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 27.763 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023316.D

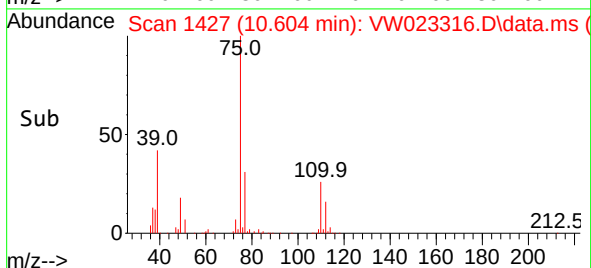
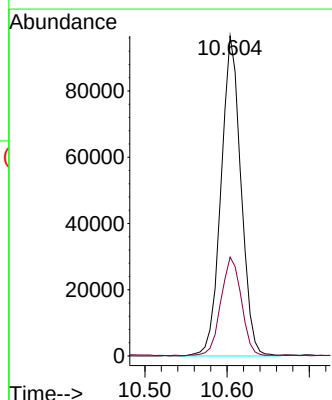
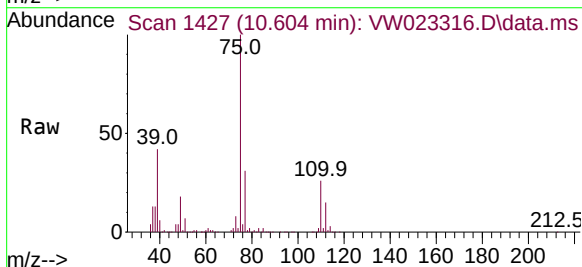
Acq: 25 May 2022 13:11

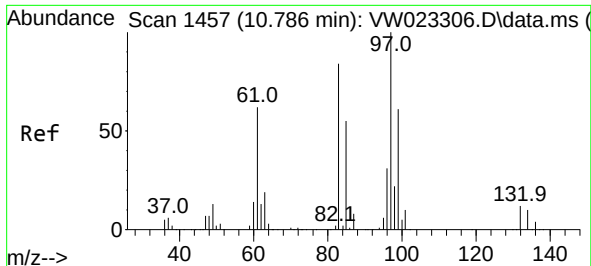
Tgt Ion: 75 Resp: 162644

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8

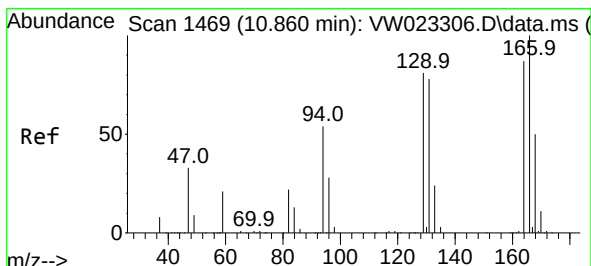
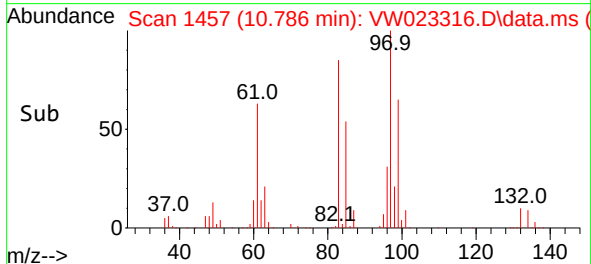
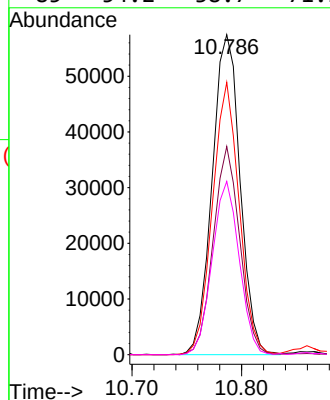
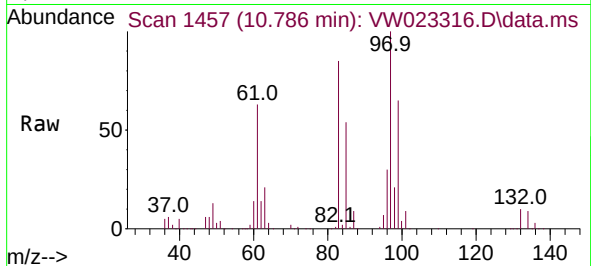




#45
1,1,2-Trichloroethane
Concen: 28.801 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

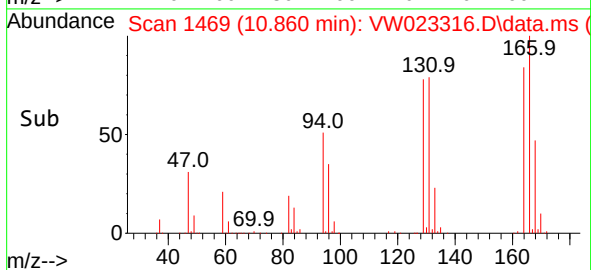
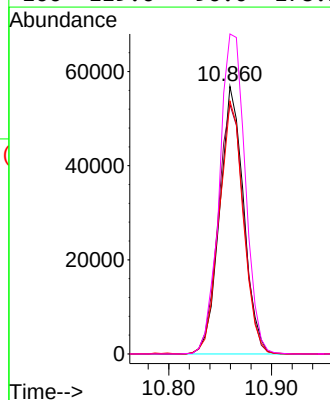
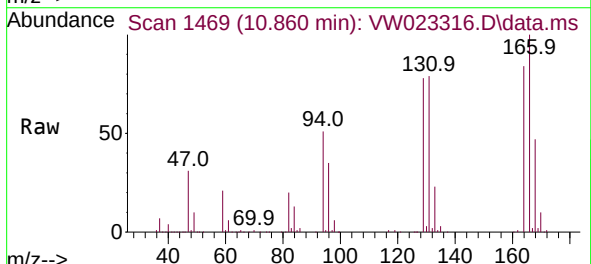
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

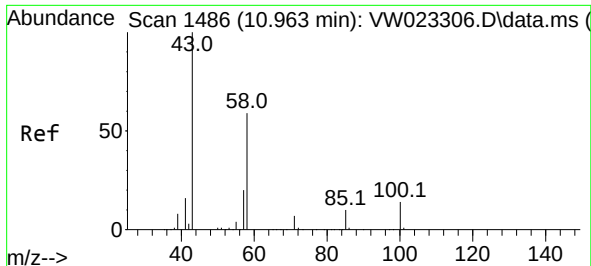
Tgt Ion:	97	Resp:	101917
Ion	Ratio	Lower	Upper
97	100		
99	65.0	44.7	82.9
83	85.1	58.4	108.4
85	54.2	38.7	71.9



#46
Tetrachloroethene
Concen: 25.397 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion:	164	Resp:	91814
Ion	Ratio	Lower	Upper
164	100		
129	93.2	76.9	142.7
131	94.5	75.1	139.5
166	119.6	96.0	178.2

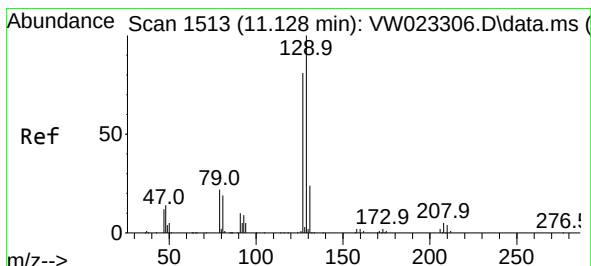
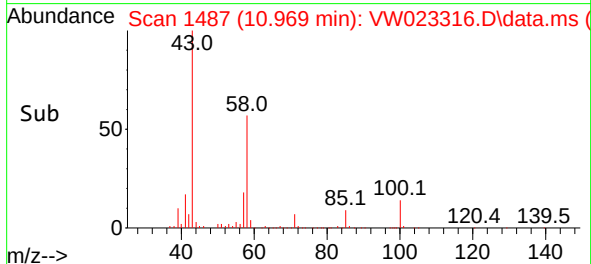
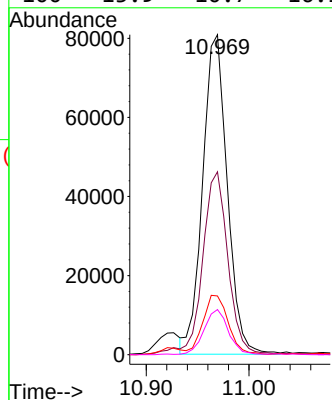
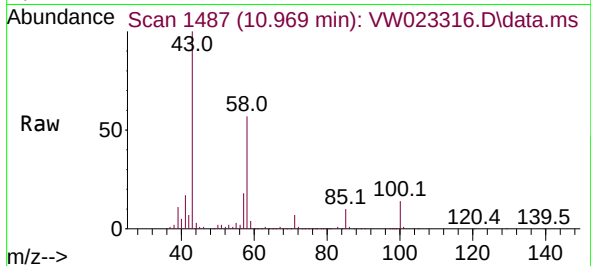




#48
2-Hexanone
Concen: 75.514 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

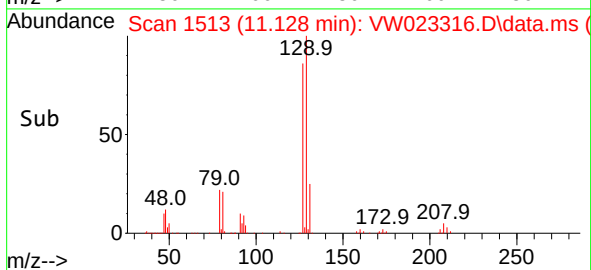
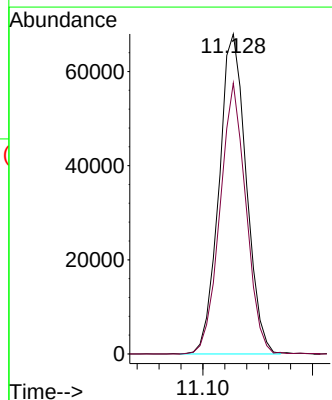
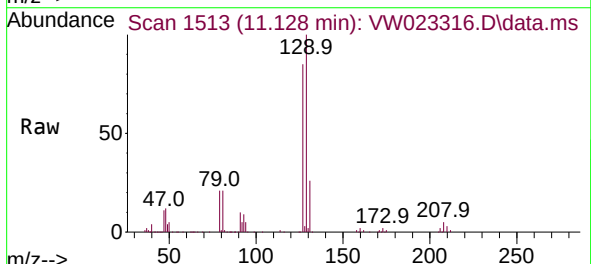
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

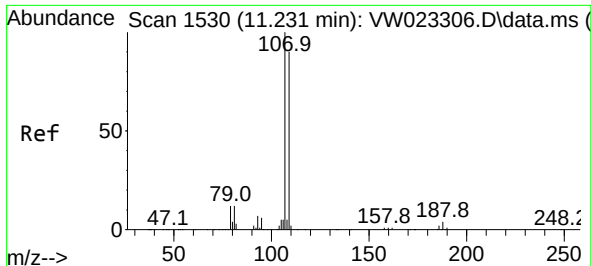
Tgt Ion:	43	Resp:	134617
Ion	Ratio	Lower	Upper
43	100		
58	59.1	45.9	68.9
57	19.2	16.2	24.2
100	13.9	10.7	16.1



#49
Dibromochloromethane
Concen: 27.566 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion:	129	Resp:	117401
Ion	Ratio	Lower	Upper
129	100		
127	84.7	53.8	100.0

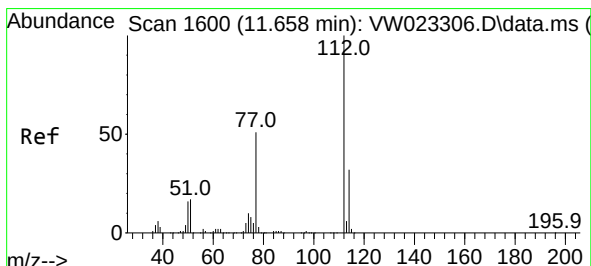
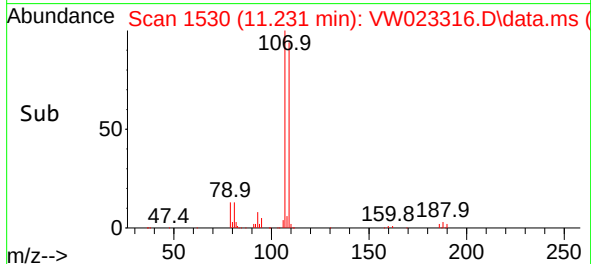
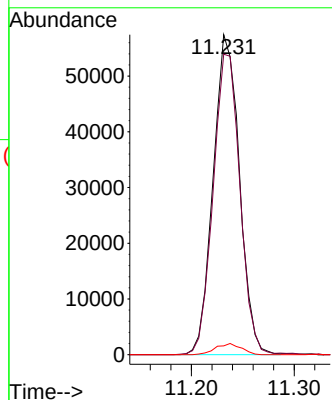
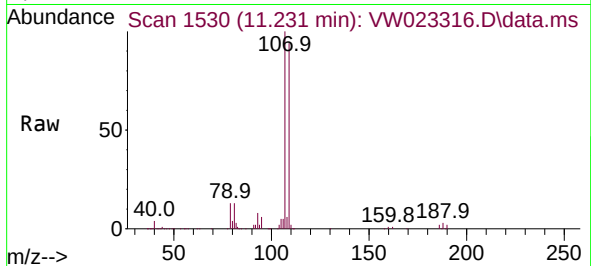




#50
1,2-Dibromoethane
Concen: 28.665 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

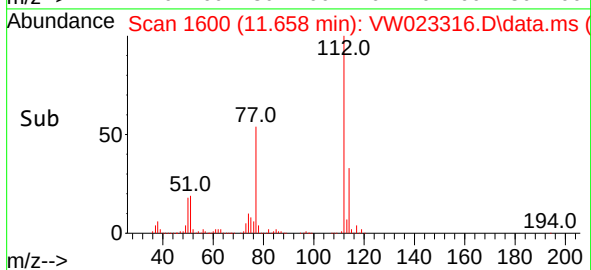
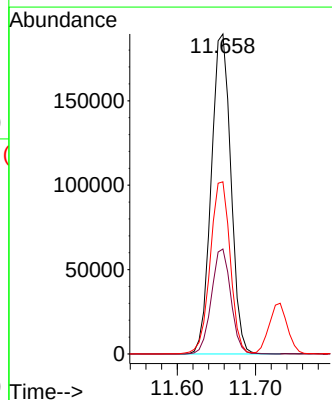
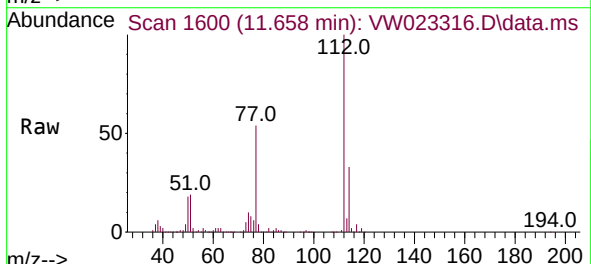
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

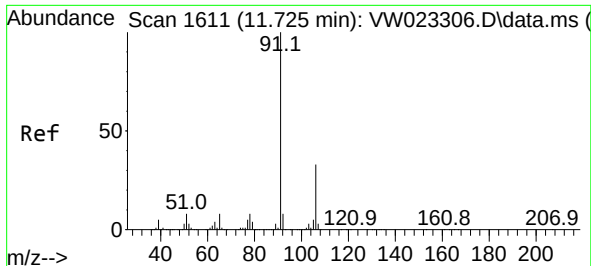
Tgt Ion:107 Resp: 101854
Ion Ratio Lower Upper
107 100
109 93.9 67.5 125.4
188 2.7 2.9 4.3#



#51
Chlorobenzene
Concen: 25.492 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion:112 Resp: 329448
Ion Ratio Lower Upper
112 100
114 32.8 22.0 41.0
77 53.8 42.6 63.8

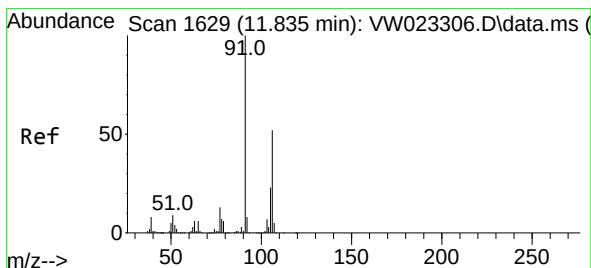
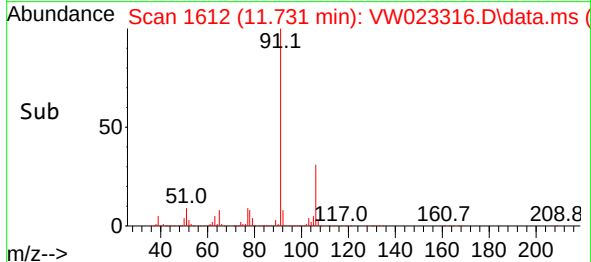
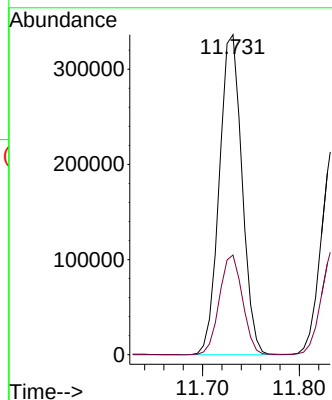
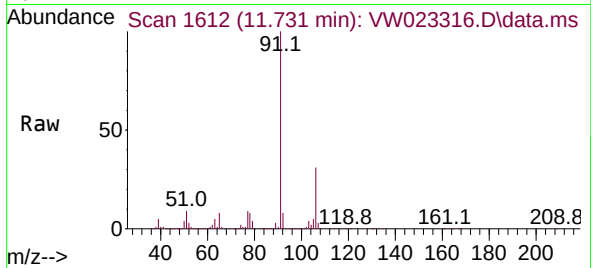




#52
Ethylbenzene
Concen: 25.094 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

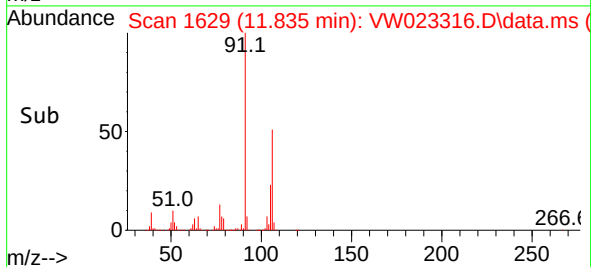
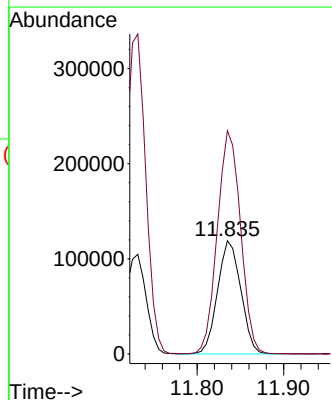
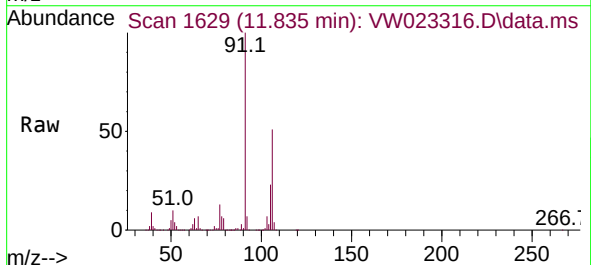
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

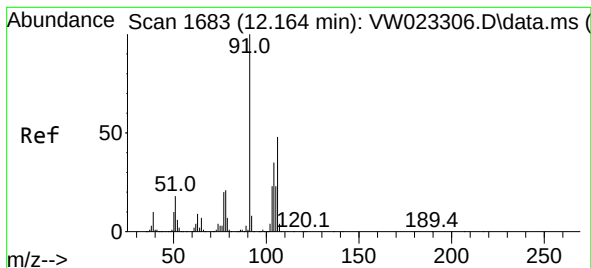
Tgt Ion: 91 Resp: 547273
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 25.814 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion:106 Resp: 221821
Ion Ratio Lower Upper
106 100
91 197.1 136.8 254.0





#54

o-Xylene

Concen: 25.971 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

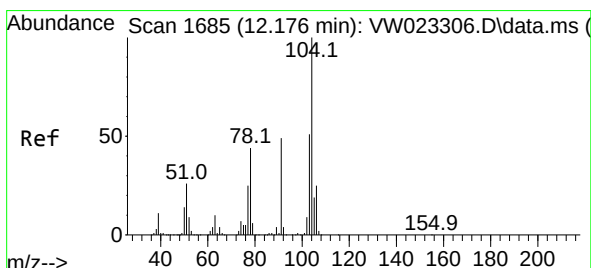
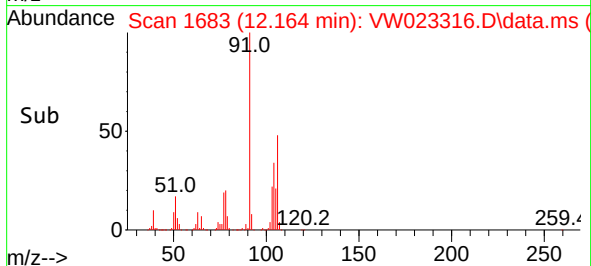
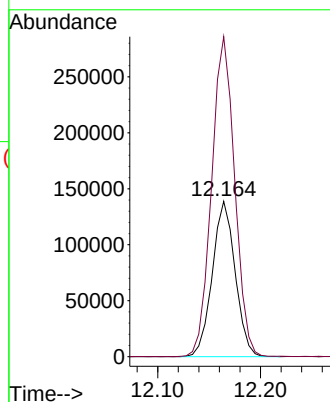
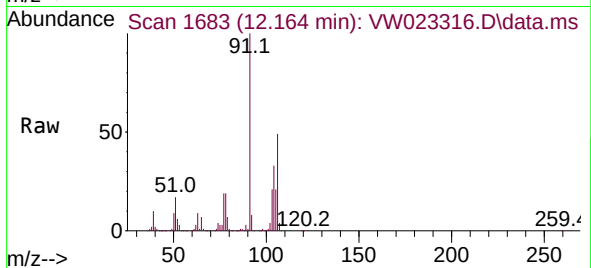
GBGT3MSD

Tgt Ion:106 Resp: 214161

Ion Ratio Lower Upper

106 100

91 205.9 147.2 273.4



#55

Styrene

Concen: 26.477 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW023316.D

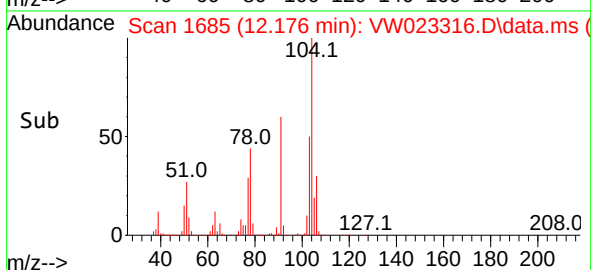
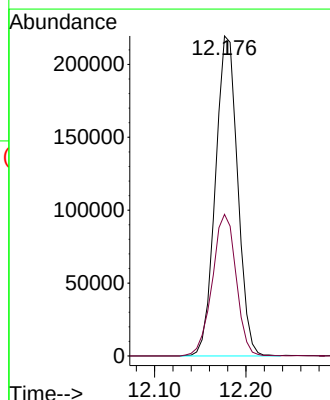
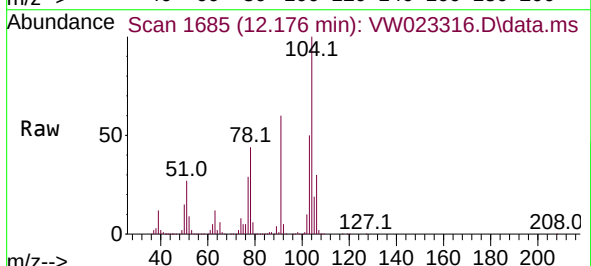
Acq: 25 May 2022 13:11

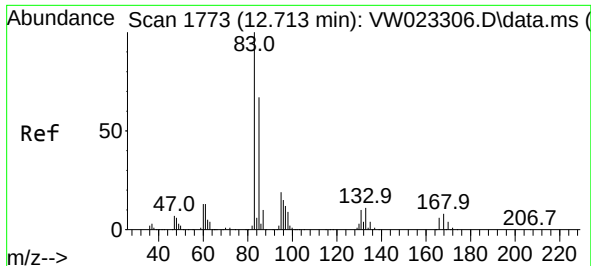
Tgt Ion:104 Resp: 371000

Ion Ratio Lower Upper

104 100

78 44.2 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 31.557 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

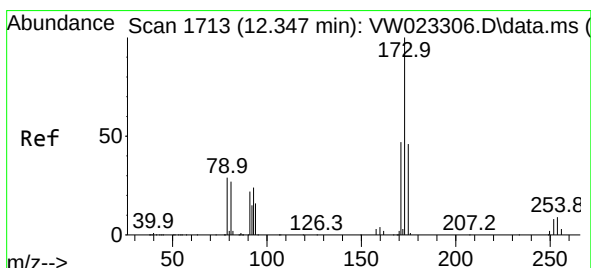
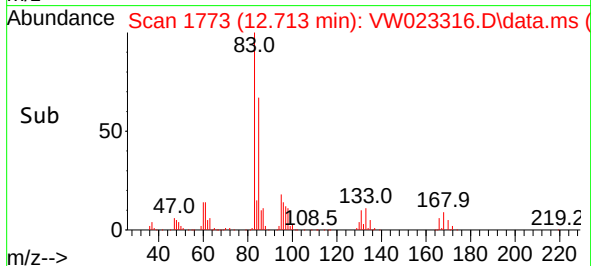
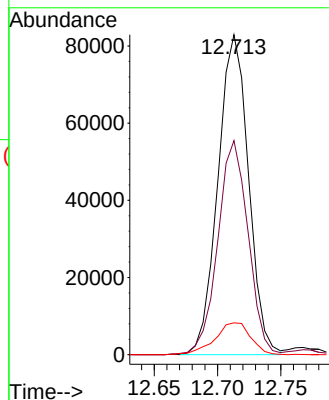
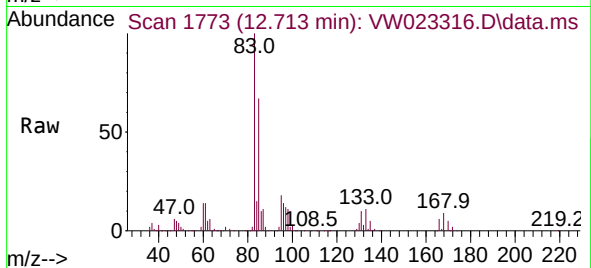
Tgt Ion: 83 Resp: 139477

Ion Ratio Lower Upper

83 100

85 66.9 47.5 88.1

131 9.9 8.7 13.1



#59

Bromoform

Concen: 28.812 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

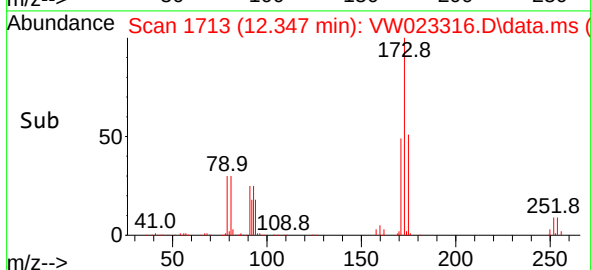
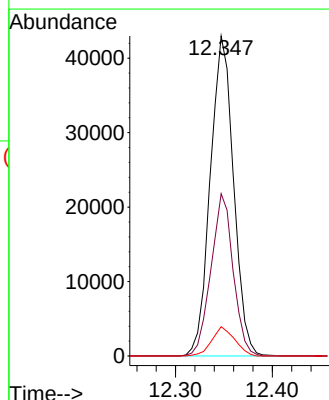
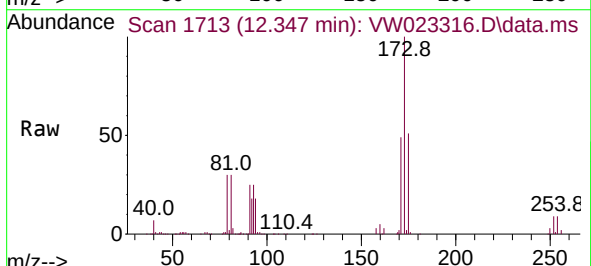
Tgt Ion:173 Resp: 71777

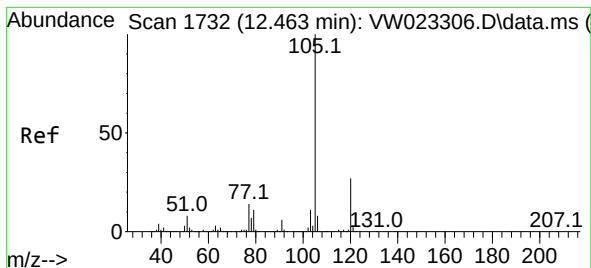
Ion Ratio Lower Upper

173 100

175 48.3 38.1 57.1

254 9.0 6.5 9.7

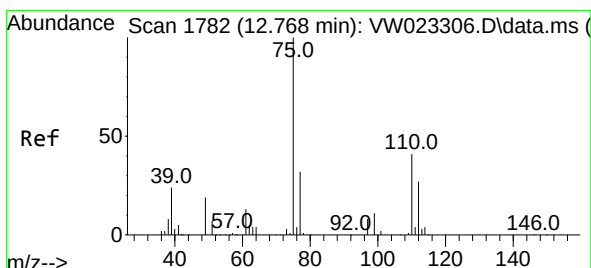
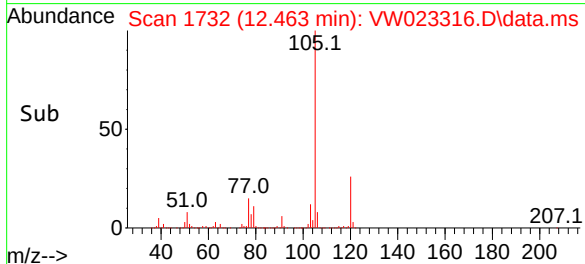
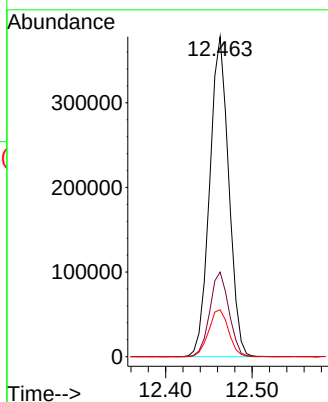
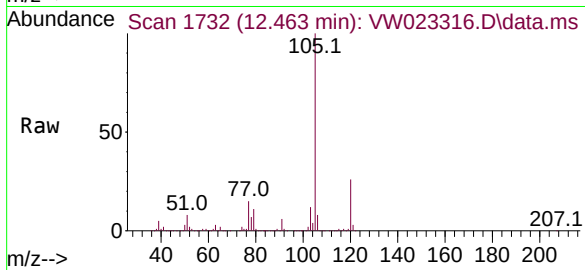




#60
Isopropylbenzene
Concen: 24.013 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

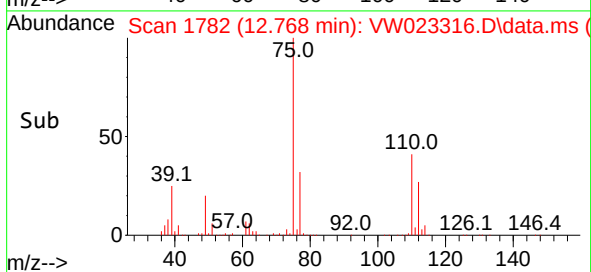
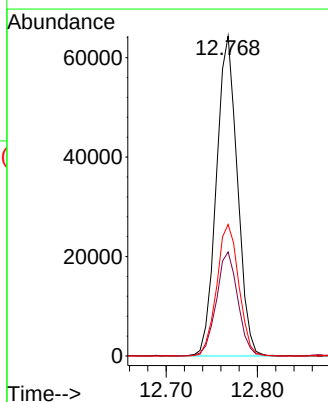
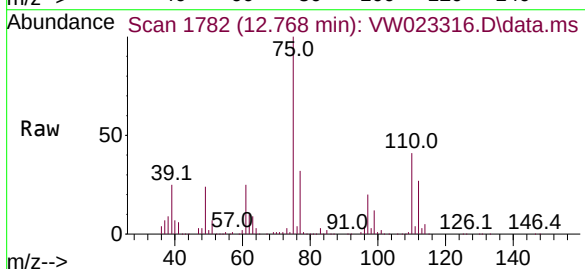
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

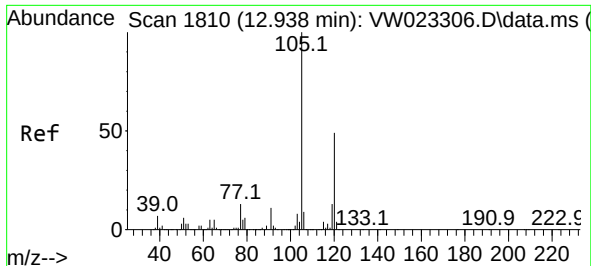
Tgt Ion:105 Resp: 578285
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 29.296 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion: 75 Resp: 102897
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.2
110 43.1 34.1 51.1

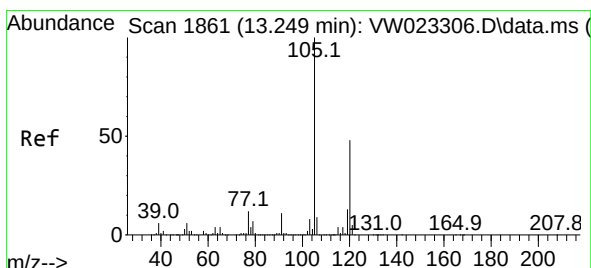
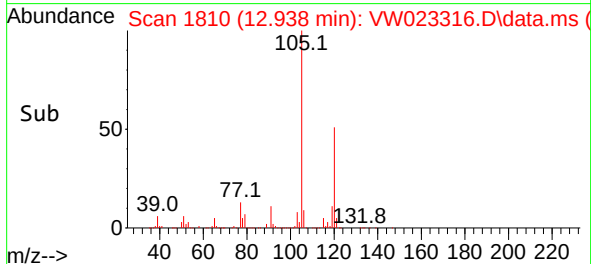
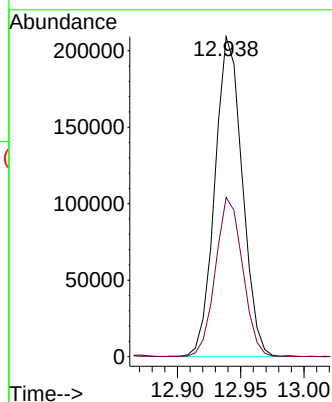
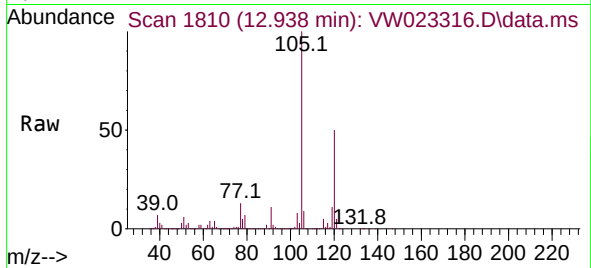




#62
1,3,5-Trimethylbenzene
Concen: 23.515 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

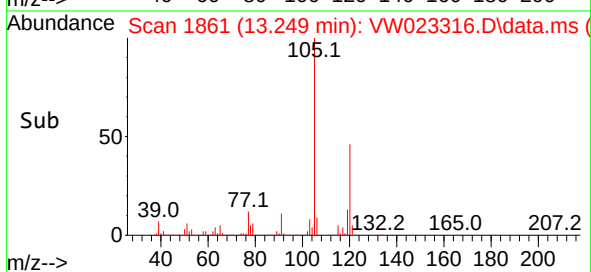
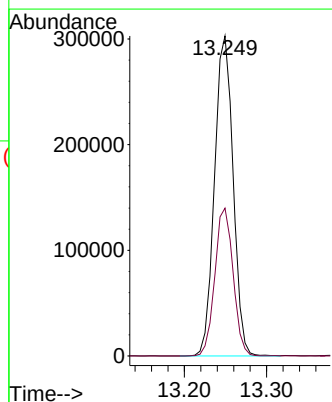
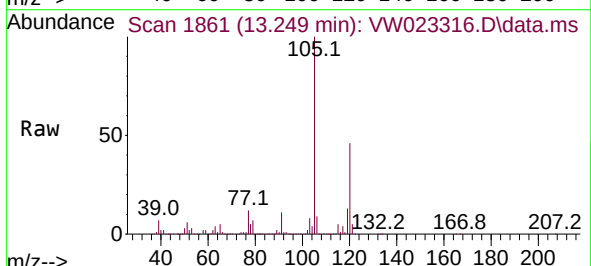
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

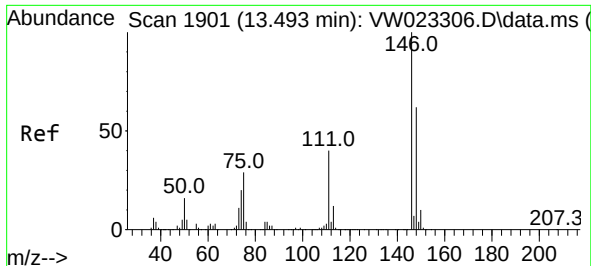
Tgt Ion:105 Resp: 315045
Ion Ratio Lower Upper
105 100
120 49.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 23.645 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion:105 Resp: 475668
Ion Ratio Lower Upper
105 100
120 45.5 37.4 56.2

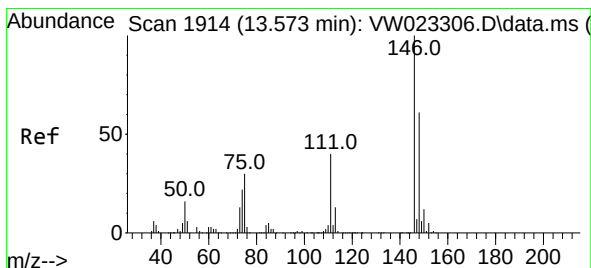
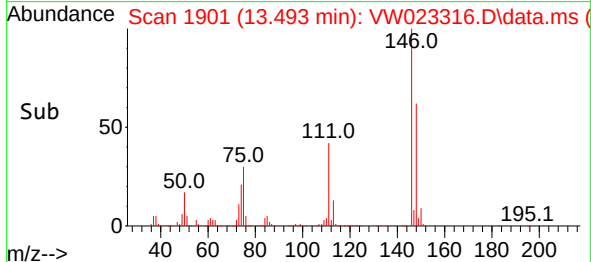
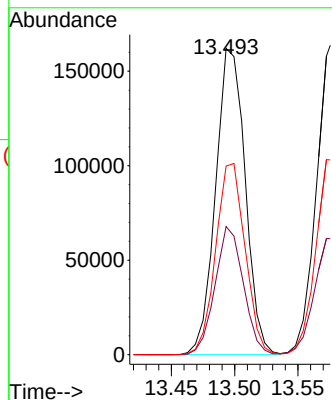
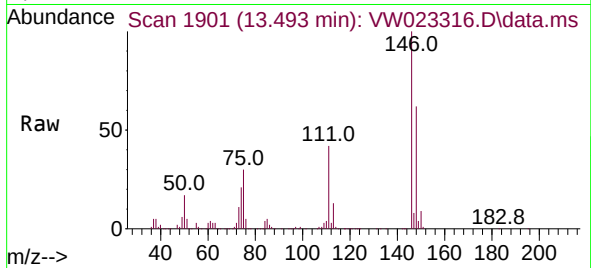




#64
1,3-Dichlorobenzene
Concen: 24.519 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

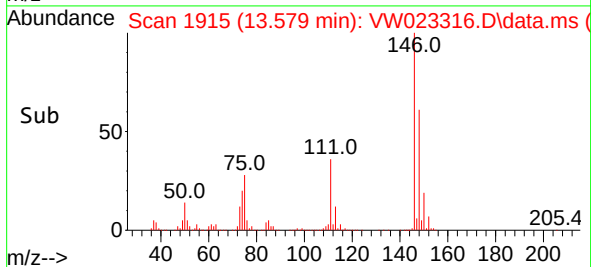
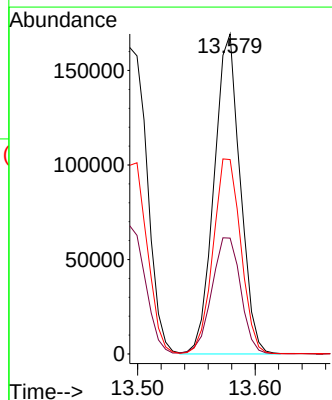
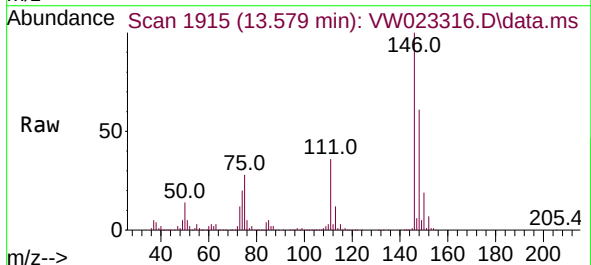
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MSD

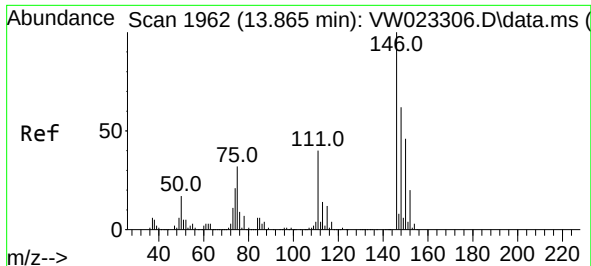
Tgt Ion:146 Resp: 263624
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.9
148 61.6 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.581 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023316.D
Acq: 25 May 2022 13:11

Tgt Ion:146 Resp: 261888
Ion Ratio Lower Upper
146 100
111 36.2 27.2 50.4
148 60.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.104 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

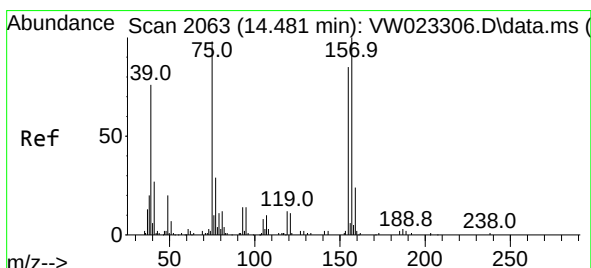
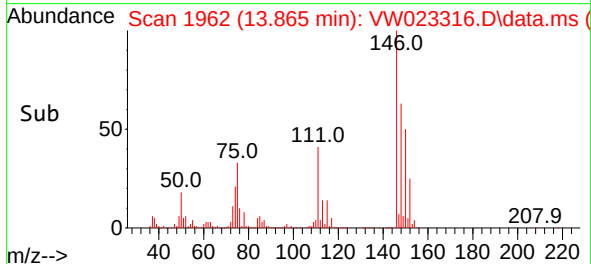
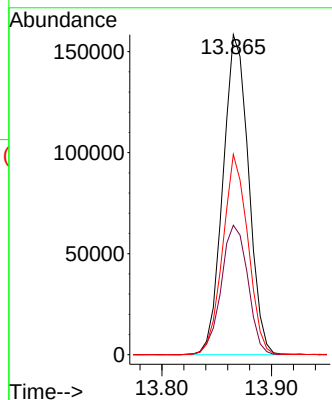
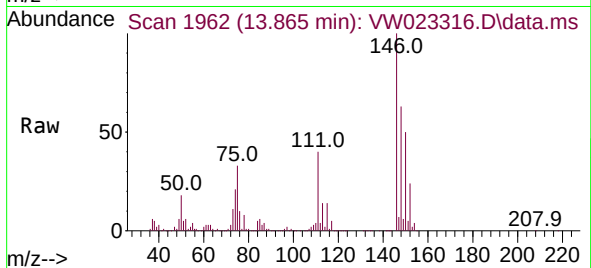
Tgt Ion:146 Resp: 256834

Ion Ratio Lower Upper

146 100

111 40.5 35.7 53.5

148 62.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 32.056 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

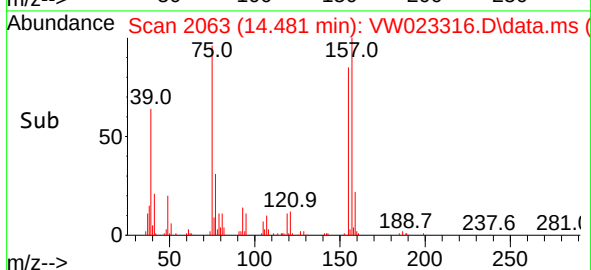
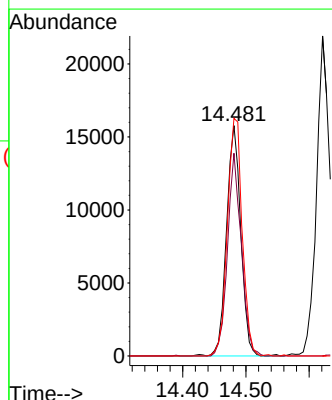
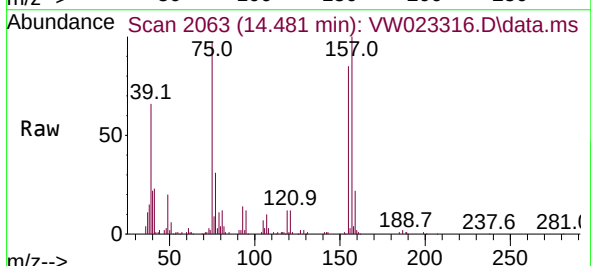
Tgt Ion: 75 Resp: 24607

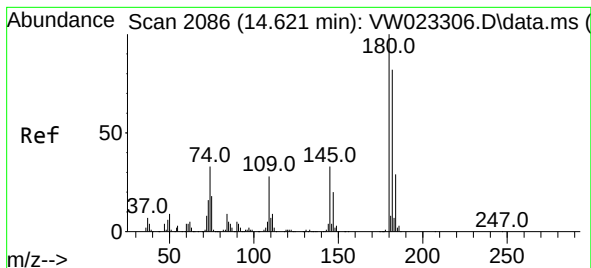
Ion Ratio Lower Upper

75 100

155 87.9 59.3 88.9

157 103.1 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 24.880 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

Tgt Ion:180 Resp: 177569

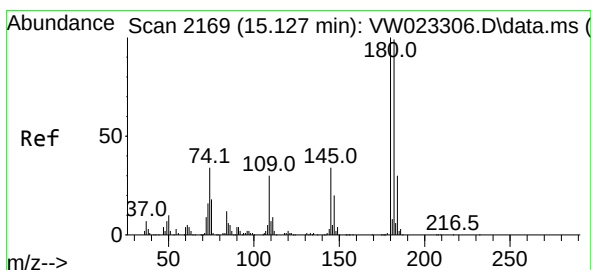
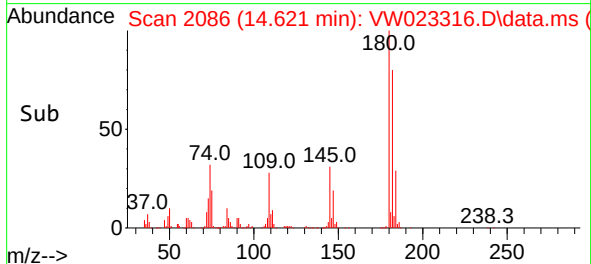
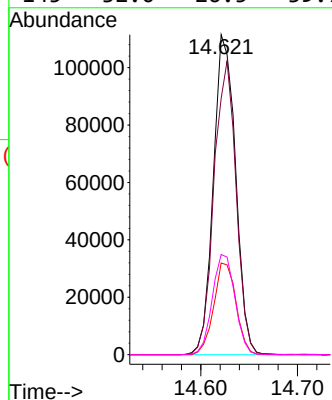
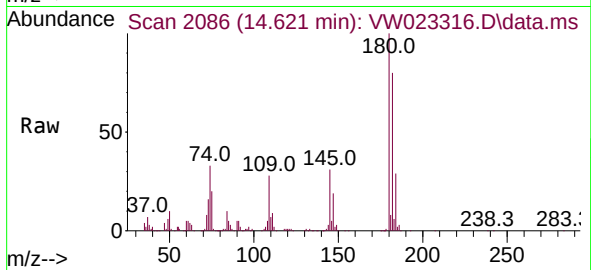
Ion Ratio Lower Upper

180 100

182 91.3 74.8 112.2

184 28.9 23.4 35.2

145 32.0 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 25.827 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

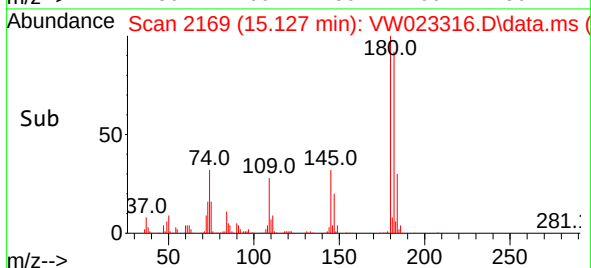
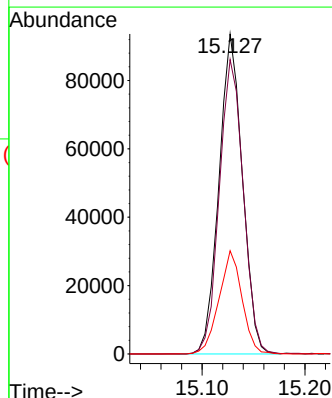
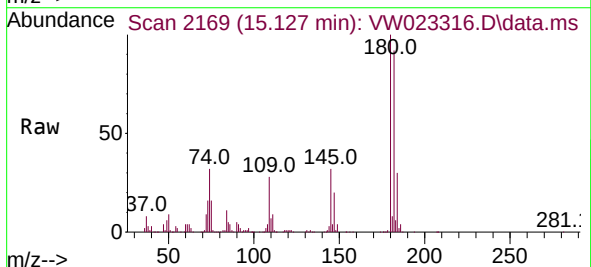
Tgt Ion:180 Resp: 148277

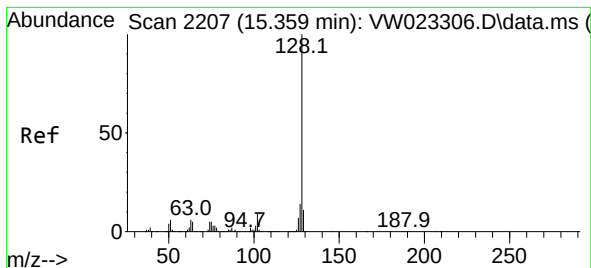
Ion Ratio Lower Upper

180 100

182 93.9 74.9 112.3

145 31.7 26.6 39.8





#71

Naphthalene

Concen: 29.919 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MSD

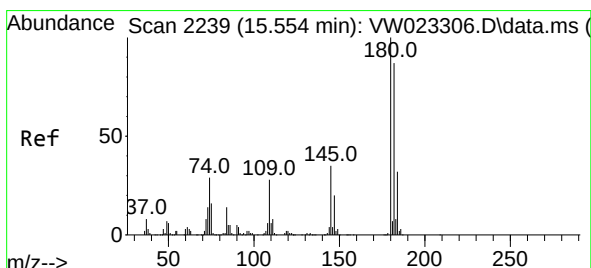
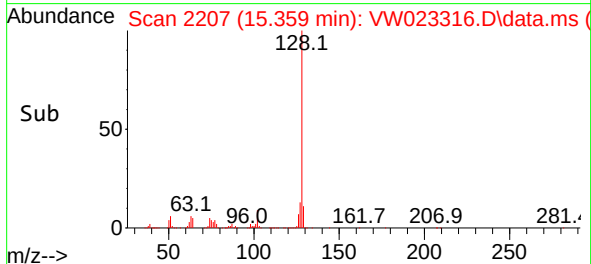
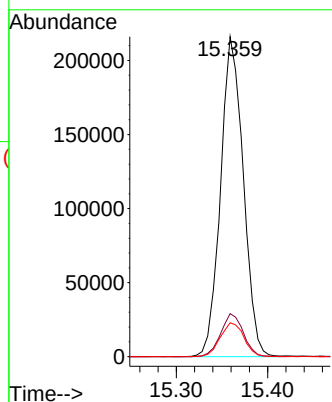
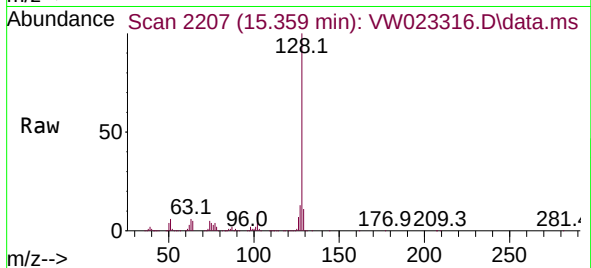
Tgt Ion:128 Resp: 373334

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.205 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023316.D

Acq: 25 May 2022 13:11

Tgt Ion:180 Resp: 138429

Ion Ratio Lower Upper

180 100

182 95.1 73.5 110.3

145 34.1 27.9 41.9

