

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052722\
 Data File : VW023362.D
 Acq On : 27 May 2022 10:43
 Operator : SY/VA
 Sample : N2996-11MS
 Misc : 3.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT3MS

Quant Time: May 27 22:03:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 27 22:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	414413	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	418557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	240992	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	152852	17.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.920%
7) Chloroethane-d5	2.885	69	114331	20.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	4.019	63	217283	19.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.120%
21) 2-Butanone-d5	7.074	46	77944	48.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.440%
24) Chloroform-d	7.647	84	293582	24.180	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.305	65	155435	23.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.360%
32) Benzene-d6	8.275	84	546075	22.635	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	9.274	67	162350	23.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.323	98	528696	22.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	10.579	79	74907	24.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.920	63	71364	55.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168094	26.612	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	213794	25.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	54583	24.161	ug/L	92
3) Chloromethane	2.215	50	115144	26.376	ug/L	99
5) Vinyl chloride	2.361	62	211131	24.099	ug/L	98
6) Bromomethane	2.776	94	93166	16.563	ug/L	95
8) Chloroethane	2.922	64	94347	22.327	ug/L	95
9) Trichlorofluoromethane	3.257	101	73514	18.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	133828	22.351	ug/L	96
12) 1,1-Dichloroethene	4.044	96	116624	21.972	ug/L	89
13) Acetone	4.123	43	49198	40.650	ug/L	98
14) Carbon disulfide	4.385	76	298800	20.534	ug/L	98
15) Methyl Acetate	4.665	43	50647	20.830	ug/L	100
16) Methylene chloride	4.915	84	131485	21.683	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	134499	22.518	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	228165	25.023	ug/L	99
19) 1,1-Dichloroethane	6.214	63	240530	23.760	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	306432	47.764	ug/L #	100
22) 2-Butanone	7.171	43	69447	41.030	ug/L	93
23) Bromochloromethane	7.513	128	71538	23.810	ug/L	98
25) Chloroform	7.677	83	271102	24.219	ug/L	98

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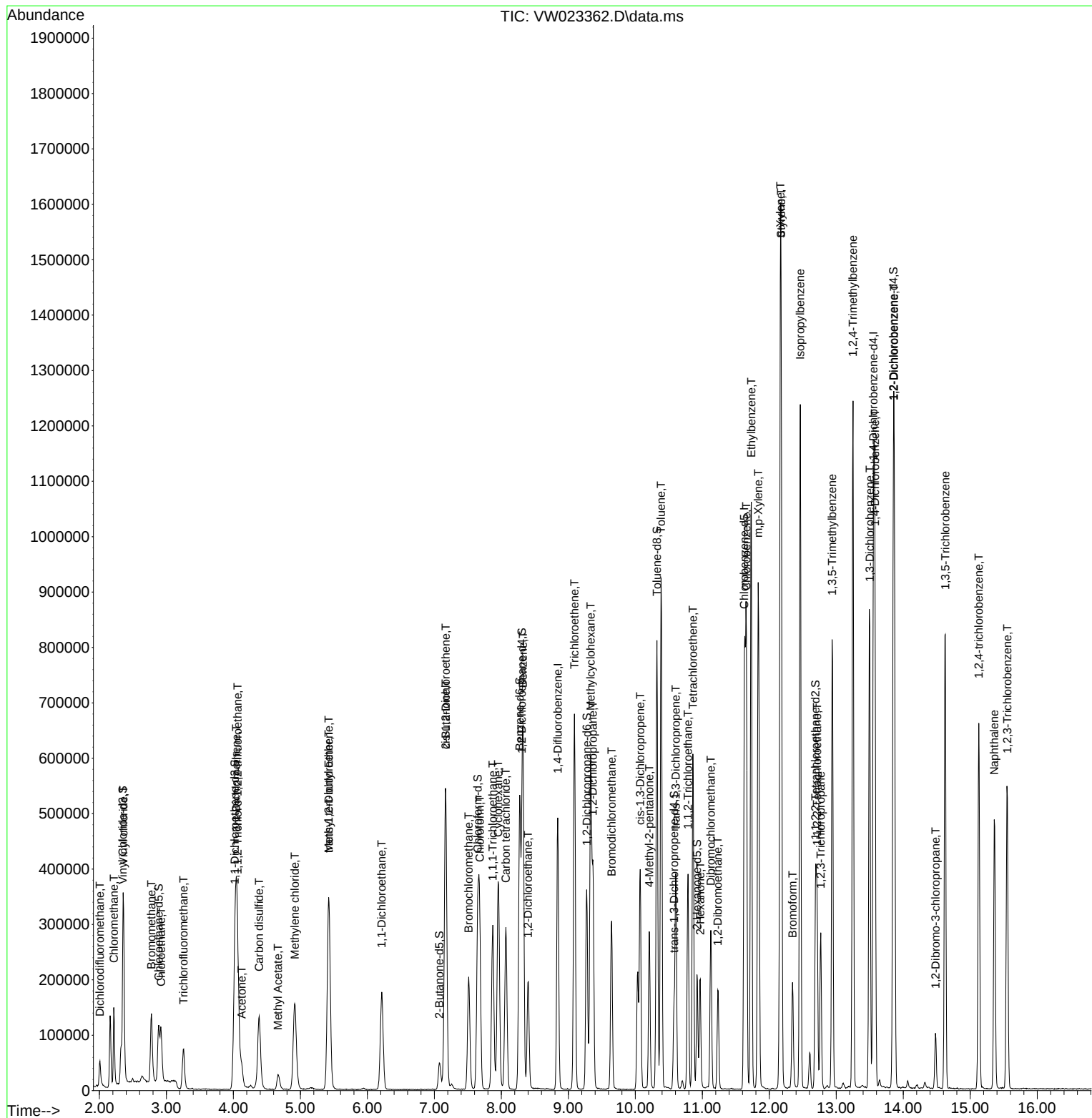
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	176256	23.621	ug/L	98
29) Cyclohexane	7.951	56	204117	22.549	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	235109	23.769	ug/L	99
31) Carbon tetrachloride	8.067	117	216079	23.353	ug/L	100
33) Benzene	8.323	78	572354	23.212	ug/L	100
34) Trichloroethene	9.092	95	225618	33.272	ug/L	98
35) Methylcyclohexane	9.335	83	251027	22.534	ug/L	98
37) 1,2-Dichloropropane	9.366	63	140909	23.615	ug/L	99
38) Bromodichloromethane	9.646	83	199585	23.549	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	226734	24.506	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	174192	46.316	ug/L	98
42) Toluene	10.384	91	677192	24.506	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	207292	25.101	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	117804	23.617	ug/L	99
46) Tetrachloroethene	10.860	164	126976	24.917	ug/L	91
48) 2-Hexanone	10.969	43	122369	48.696	ug/L	99
49) Dibromochloromethane	11.128	129	146265	24.363	ug/L	97
50) 1,2-Dibromoethane	11.231	107	115128	22.985	ug/L	98
51) Chlorobenzene	11.658	112	443971	24.370	ug/L	100
52) Ethylbenzene	11.731	91	747314	24.309	ug/L	99
53) m,p-Xylene	11.835	106	298987	24.682	ug/L	93
54) o-Xylene	12.164	106	291551	25.081	ug/L	93
55) Styrene	12.176	104	493267	24.973	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	147912	23.740	ug/L	99
59) Bromoform	12.347	173	80118	23.459	ug/L	99
60) Isopropylbenzene	12.463	105	787577	23.855	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	104373	21.675	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	435796	23.726	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	666088	24.152	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	362373	24.584	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	362013	23.777	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	330041	24.469	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	23407	22.242	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	251686	25.723	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	204385	25.968	ug/L	97
71) Naphthalene	15.359	128	418546	24.467	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	181828	26.066	ug/L	98

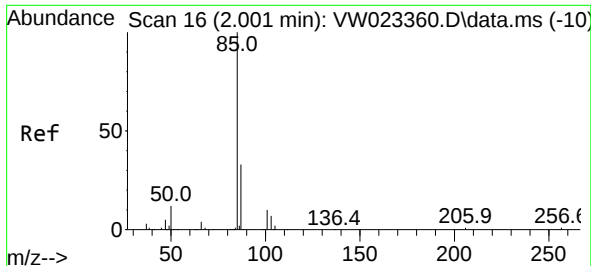
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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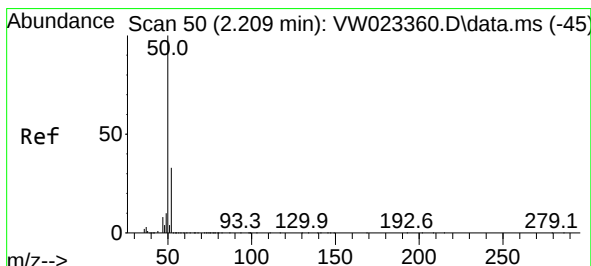
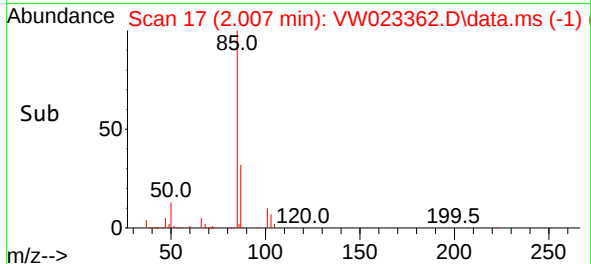
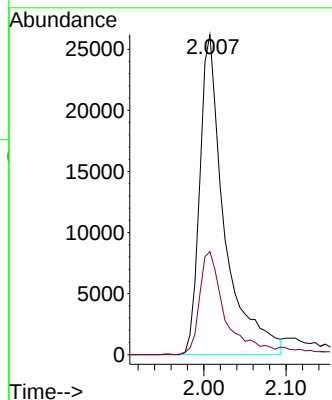
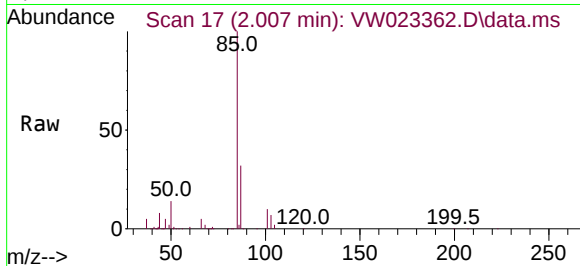




#2
 Dichlorodifluoromethane
 Concen: 24.161 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023362.D
 Acq: 27 May 2022 10:43

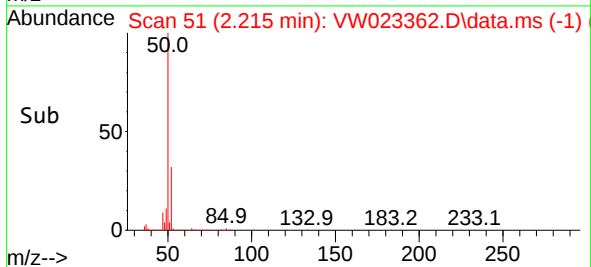
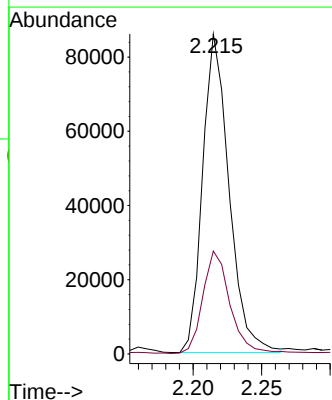
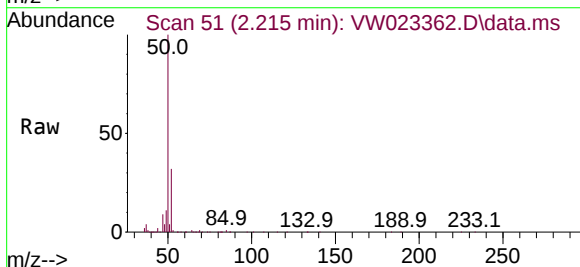
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 ClientSampleId :
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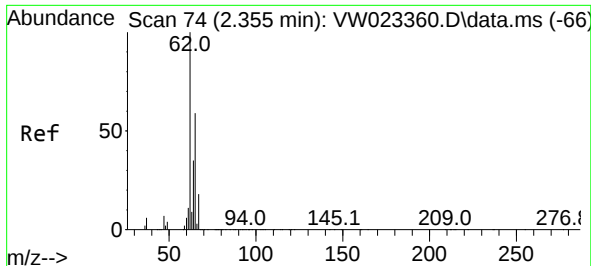
Tgt Ion: 85 Resp: 54583
 Ion Ratio Lower Upper
 85 100
 87 30.2 27.8 41.8



#3
 Chloromethane
 Concen: 26.376 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW023362.D
 Acq: 27 May 2022 10:43

Tgt Ion: 50 Resp: 115144
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.1 42.9

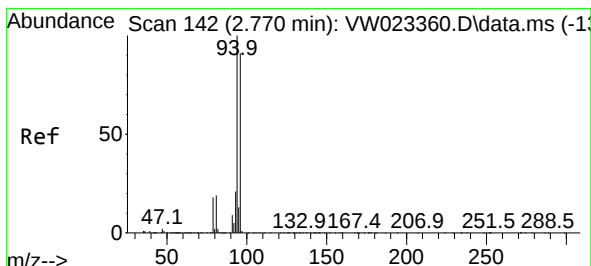
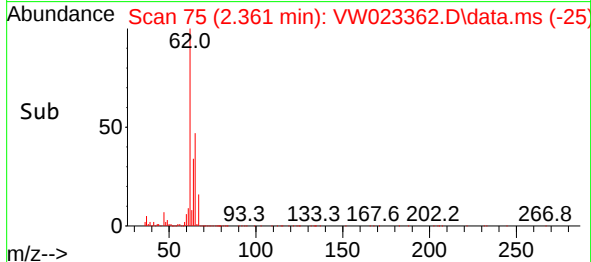
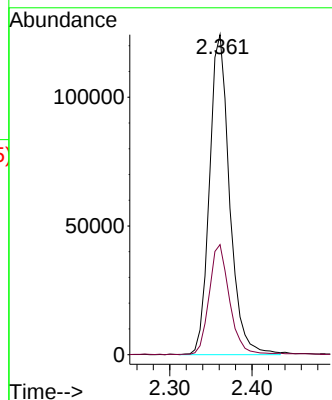
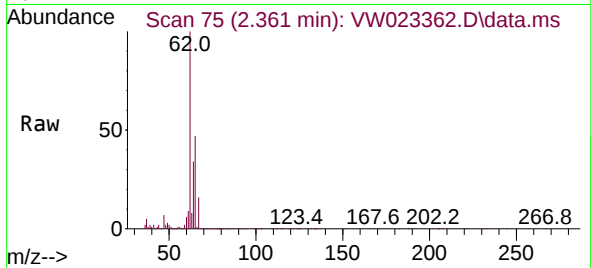




#5
 Vinyl chloride
 Concen: 24.099 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW023362.D
 Acq: 27 May 2022 10:43

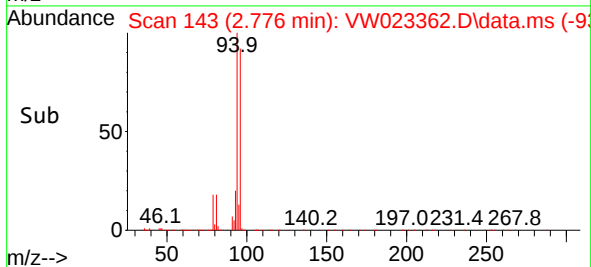
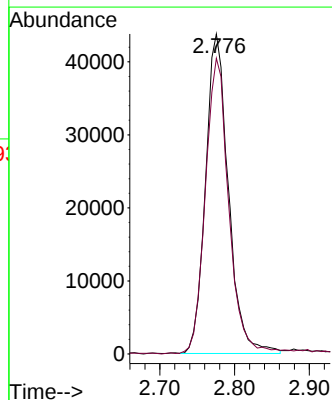
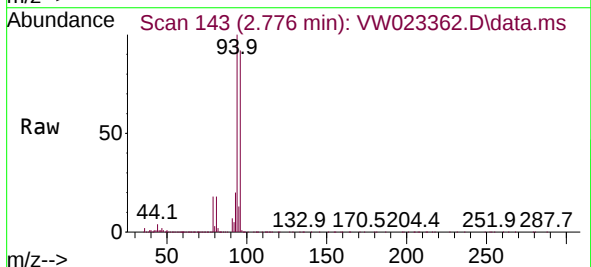
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 ClientSampleId :
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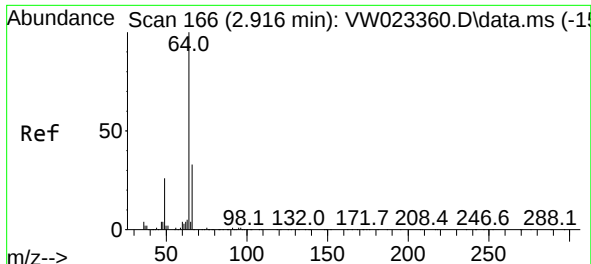
Tgt Ion: 62 Resp: 211131
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.9 46.3



#6
 Bromomethane
 Concen: 16.563 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW023362.D
 Acq: 27 May 2022 10:43

Tgt Ion: 94 Resp: 93166
 Ion Ratio Lower Upper
 94 100
 96 92.4 61.7 114.5

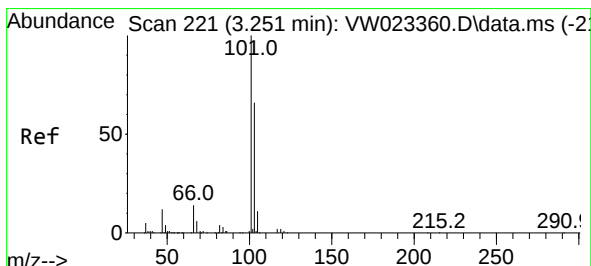
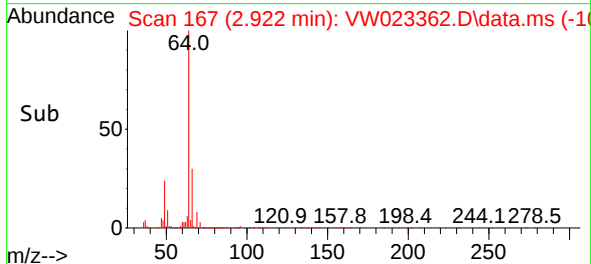
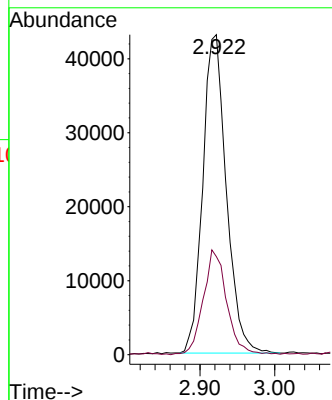
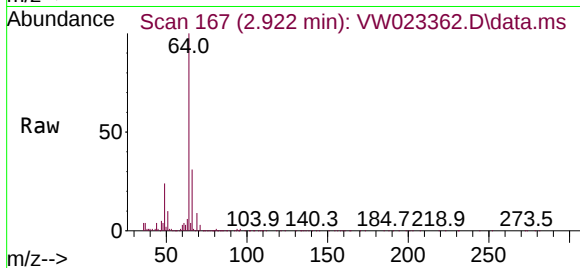




#8
Chloroethane
Concen: 22.327 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

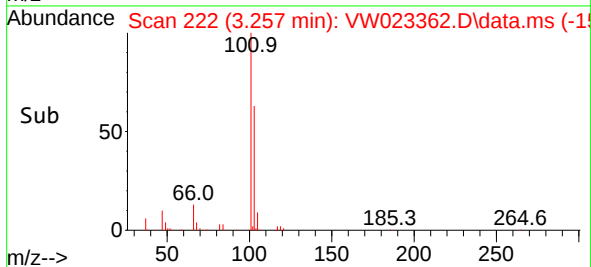
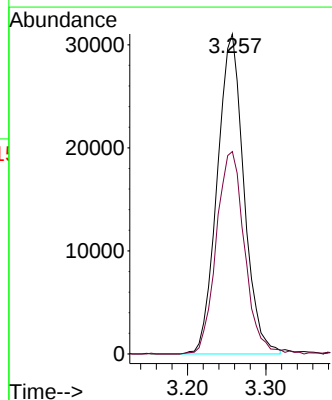
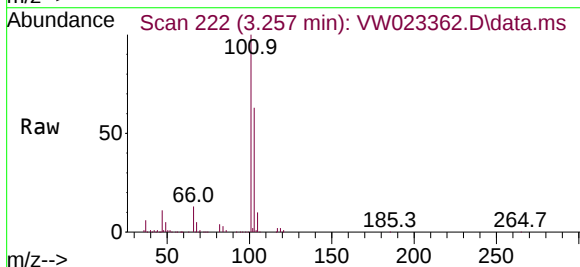
Instrument :
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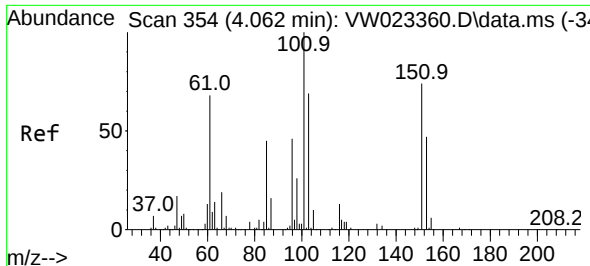
Tgt Ion: 64 Resp: 94347
Ion Ratio Lower Upper
64 100
66 30.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.359 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion: 101 Resp: 73514
Ion Ratio Lower Upper
101 100
103 66.5 53.9 80.9

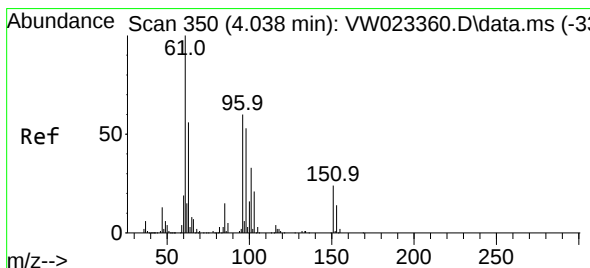
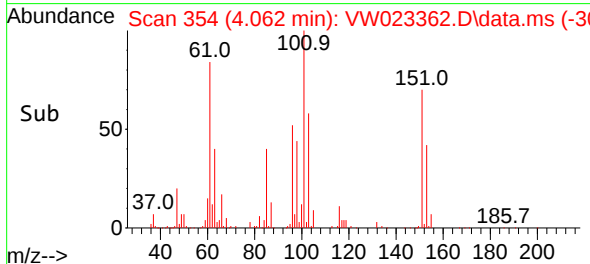
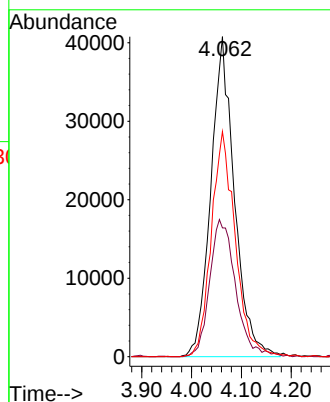
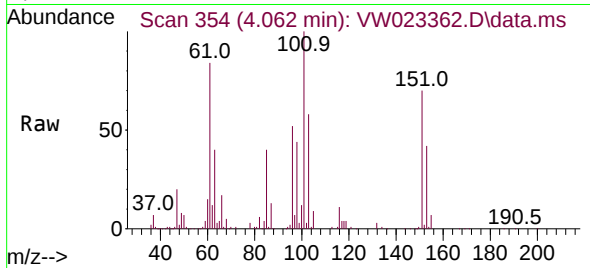




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.351 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023362.D
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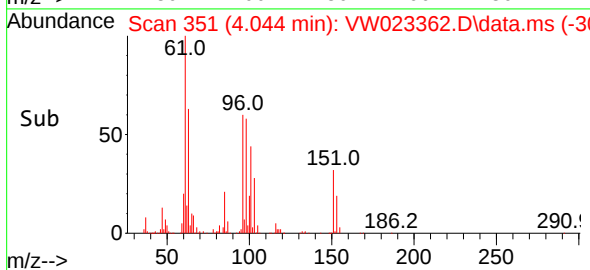
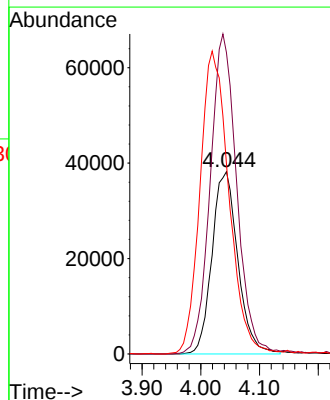
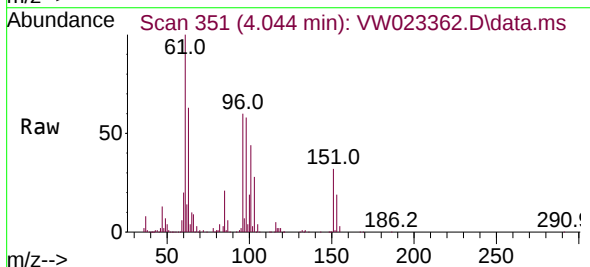
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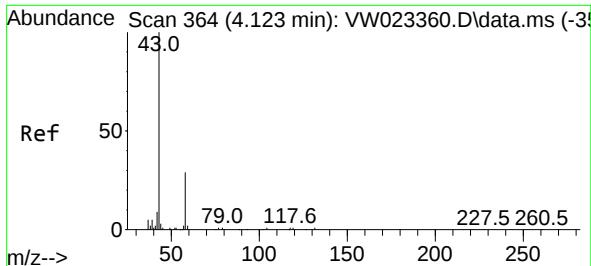
Tgt Ion:101 Resp: 133828
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.3 51.5
 151 71.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.972 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023362.D
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Tgt Ion: 96 Resp: 116624
 Ion Ratio Lower Upper
 96 100
 61 165.4 125.7 233.5
 63 104.4 83.4 155.0

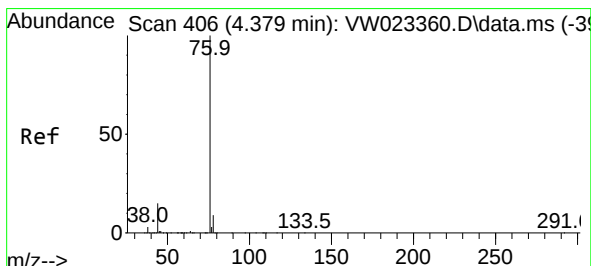
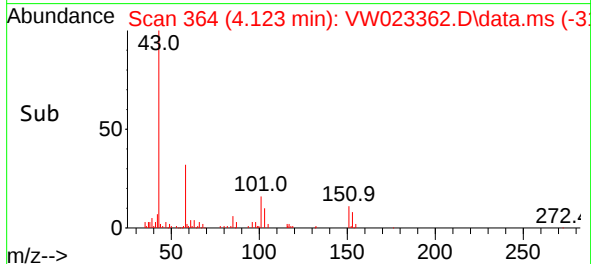
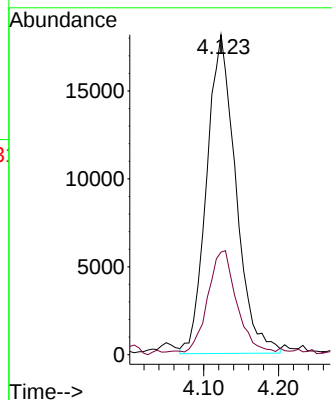
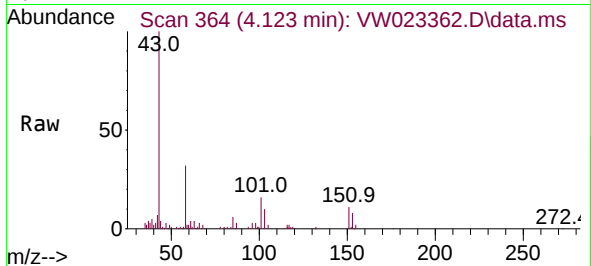




#13
Acetone
Concen: 40.650 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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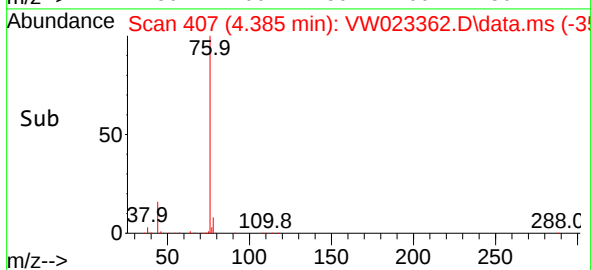
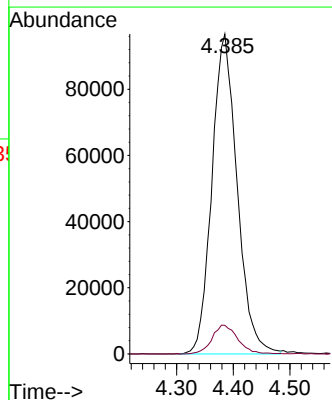
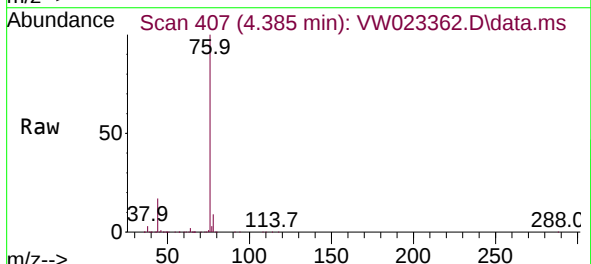
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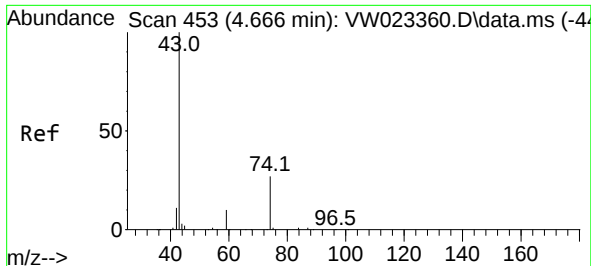
Tgt Ion: 43 Resp: 49198
Ion Ratio Lower Upper
43 100
58 33.1 0.0 64.0



#14
Carbon disulfide
Concen: 20.534 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 298800
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

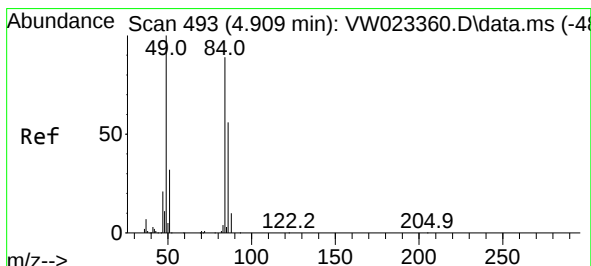
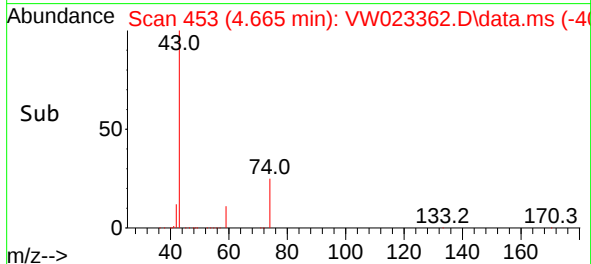
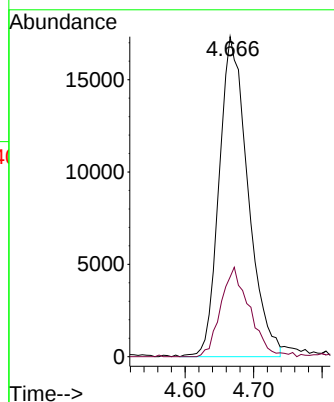
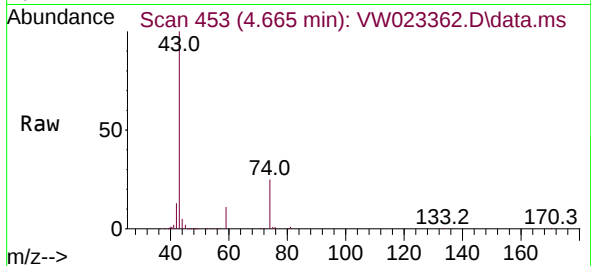




#15
Methyl Acetate
Concen: 20.830 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

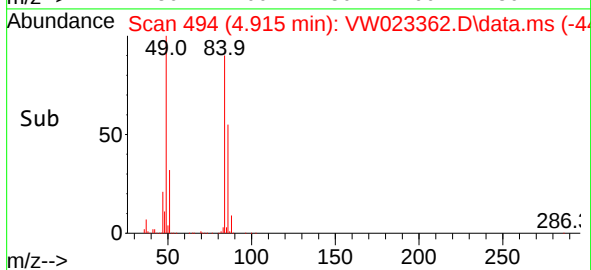
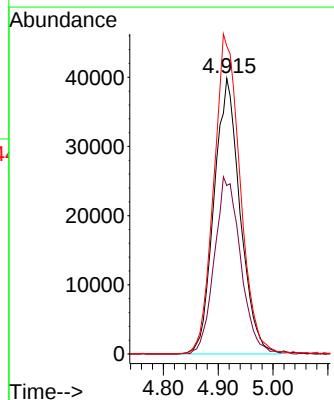
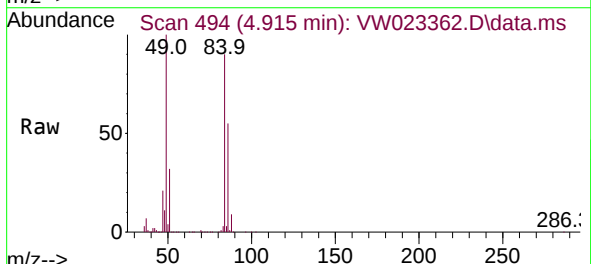
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

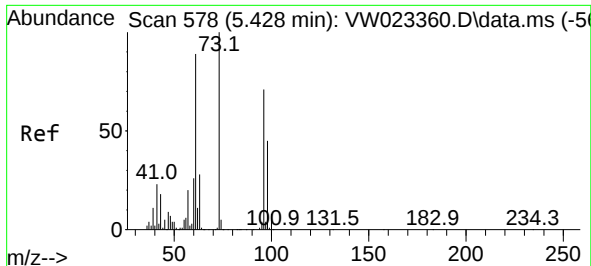
Tgt Ion: 43 Resp: 50647
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9



#16
Methylene chloride
Concen: 21.683 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion: 84 Resp: 131485
Ion Ratio Lower Upper
84 100
86 61.2 45.4 84.4
49 111.7 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 22.518 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

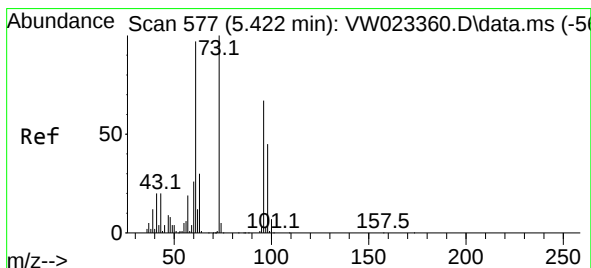
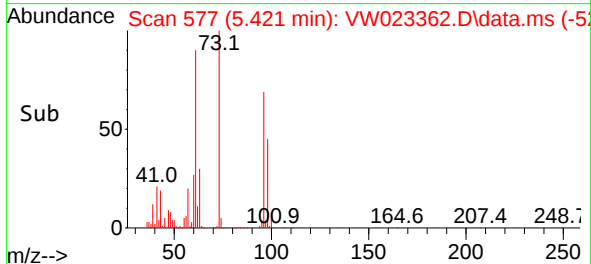
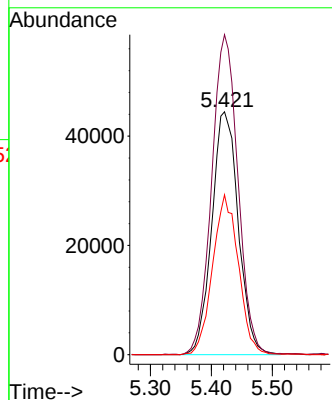
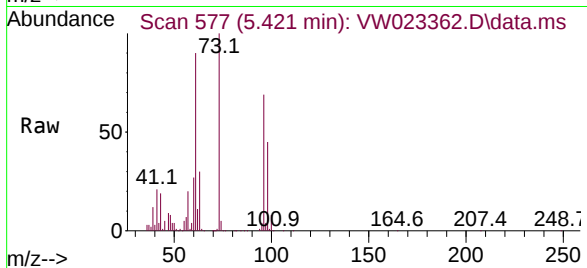
Tgt Ion: 96 Resp: 134499

Ion Ratio Lower Upper

96 100

61 131.7 92.2 171.2

98 65.8 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 25.023 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

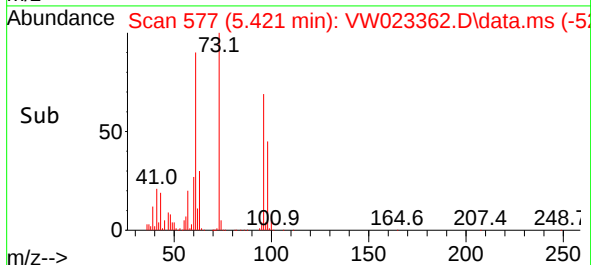
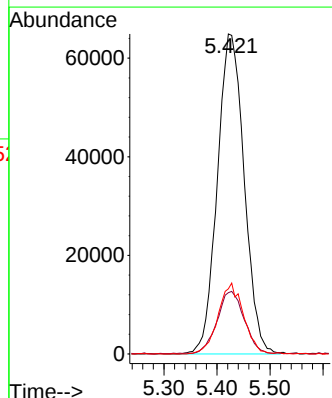
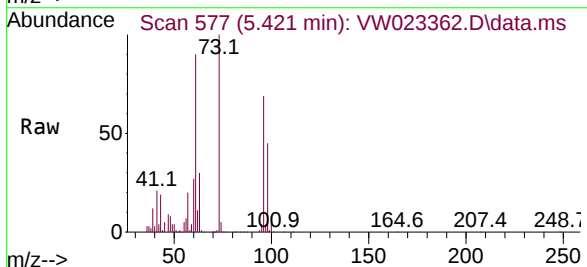
Tgt Ion: 73 Resp: 228165

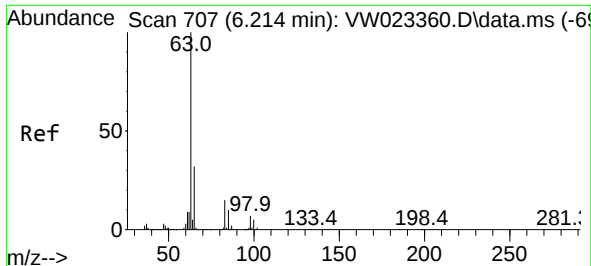
Ion Ratio Lower Upper

73 100

43 19.6 15.9 23.9

57 20.9 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.760 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

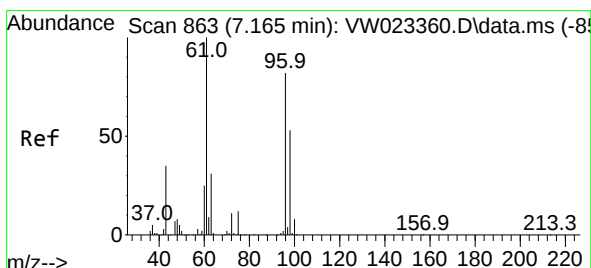
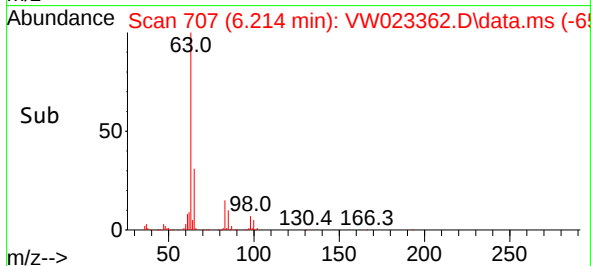
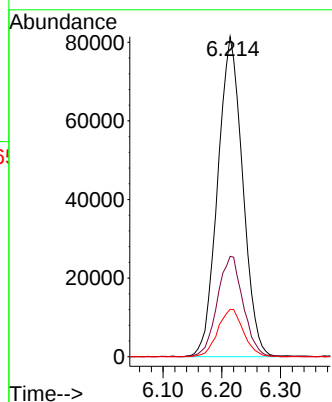
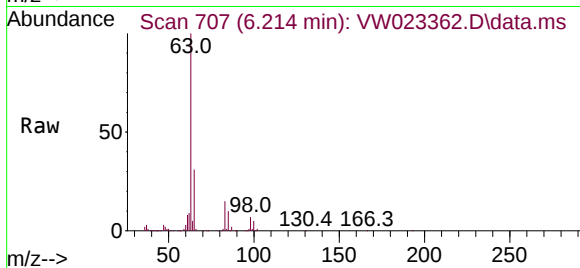
Tgt Ion: 63 Resp: 240530

Ion Ratio Lower Upper

63 100

65 31.3 23.3 43.3

83 14.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 47.764 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

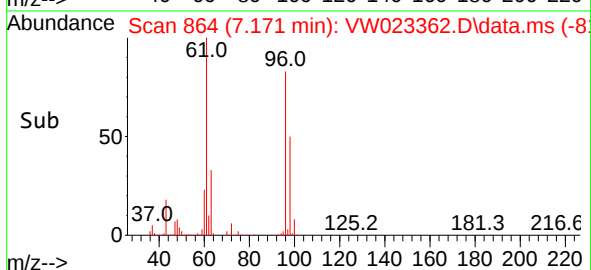
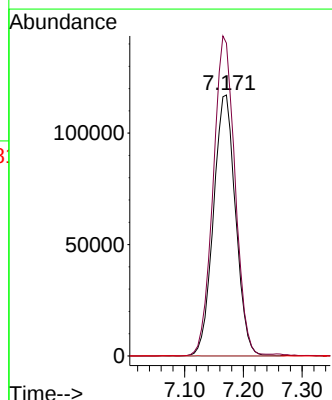
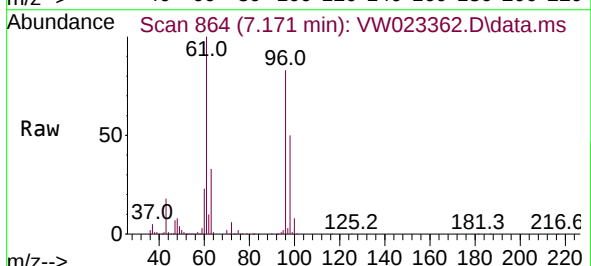
Tgt Ion: 96 Resp: 306432

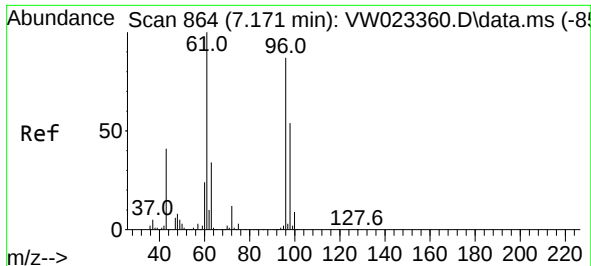
Ion Ratio Lower Upper

96 100

61 119.8 84.2 156.4

68 0.0 0.1 0.1#

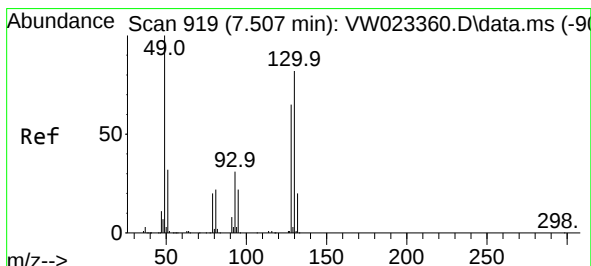
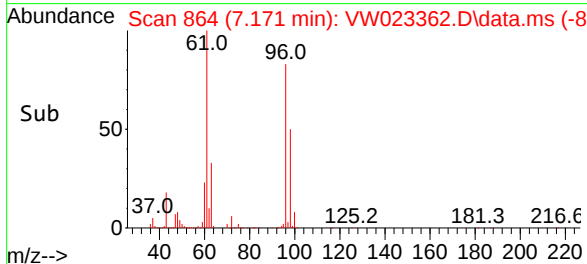
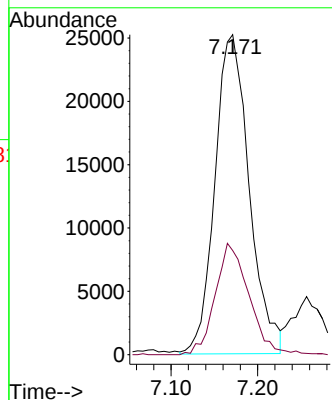
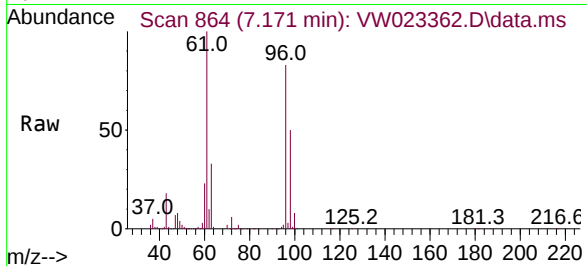




#22
2-Butanone
Concen: 41.030 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

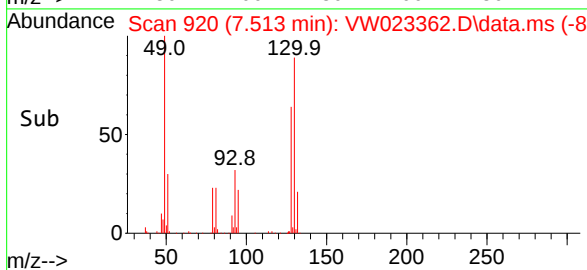
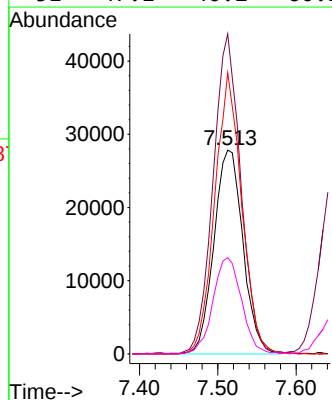
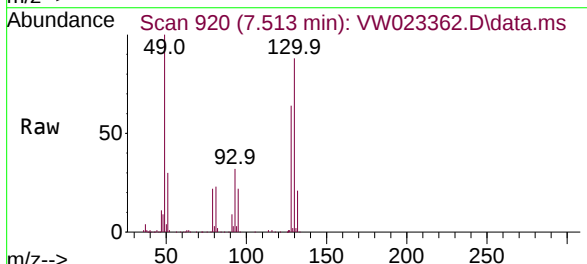
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

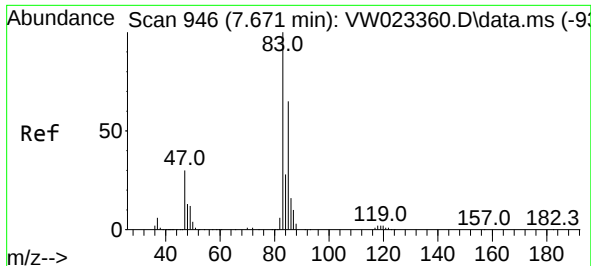
Tgt Ion: 43 Resp: 69447
Ion Ratio Lower Upper
43 100
72 33.9 15.1 45.3



#23
Bromochloromethane
Concen: 23.810 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion: 128 Resp: 71538
Ion Ratio Lower Upper
128 100
49 157.0 110.0 204.4
130 137.9 94.8 176.0
51 47.1 40.2 60.2

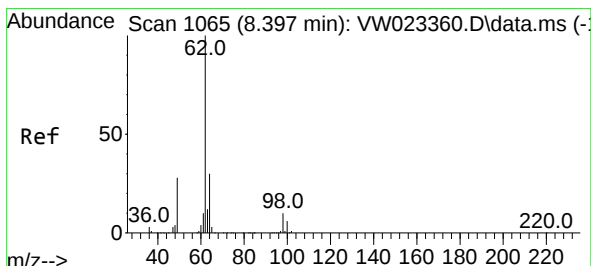
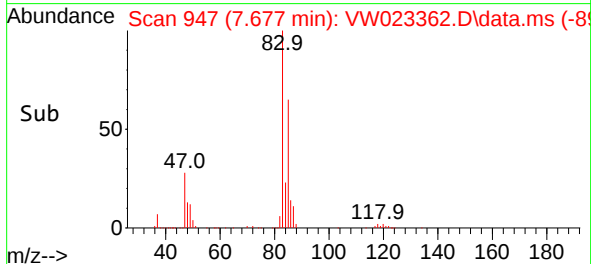
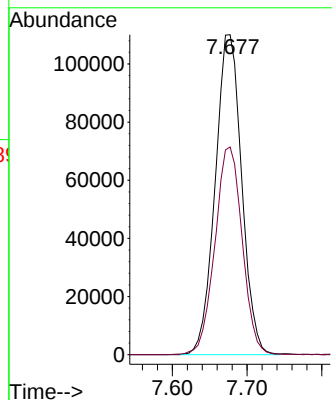
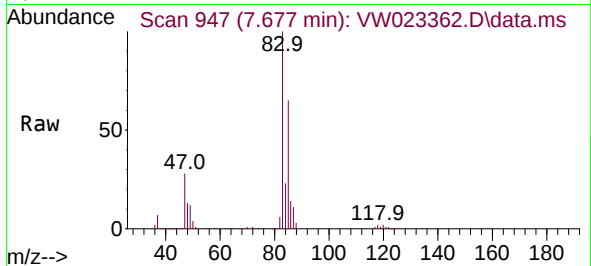




#25
Chloroform
Concen: 24.219 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

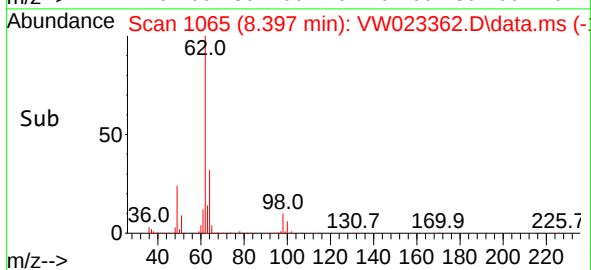
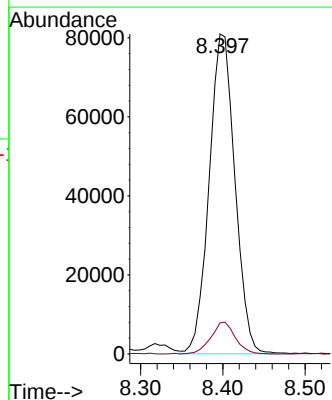
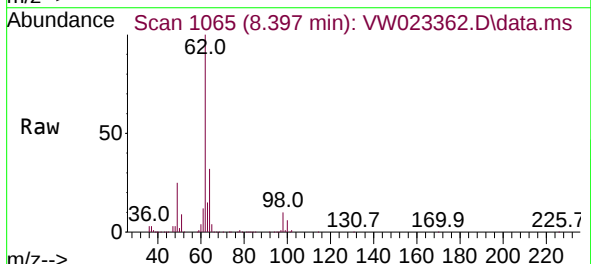
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

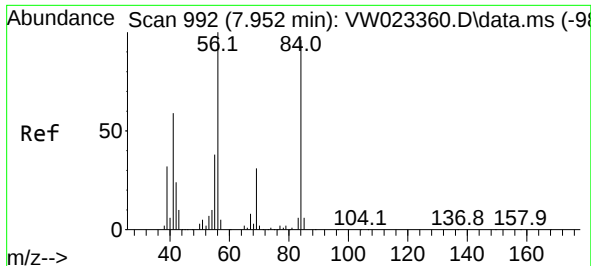
Tgt Ion: 83 Resp: 271102
Ion Ratio Lower Upper
83 100
85 64.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.621 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

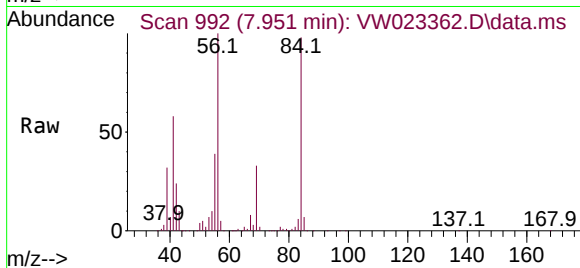
Tgt Ion: 62 Resp: 176256
Ion Ratio Lower Upper
62 100
98 9.7 7.2 10.8



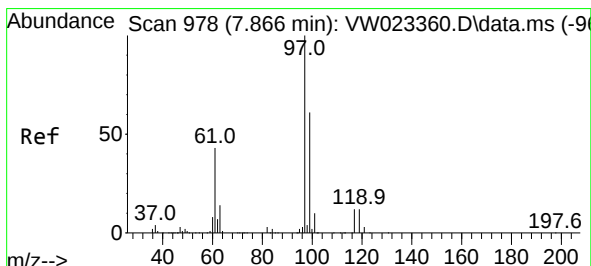
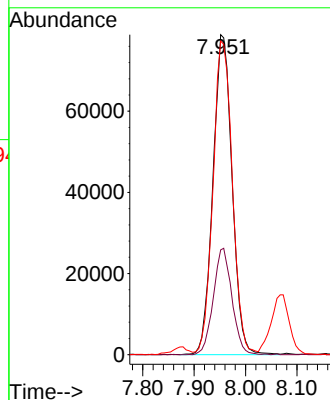
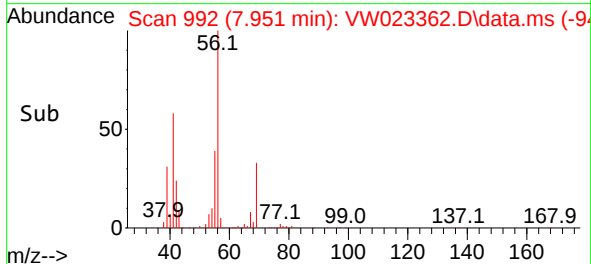


#29
Cyclohexane
Concen: 22.549 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

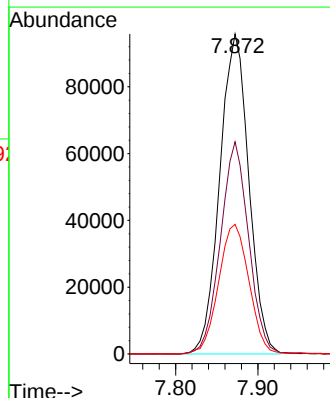
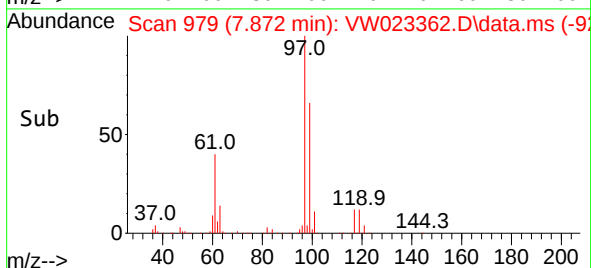
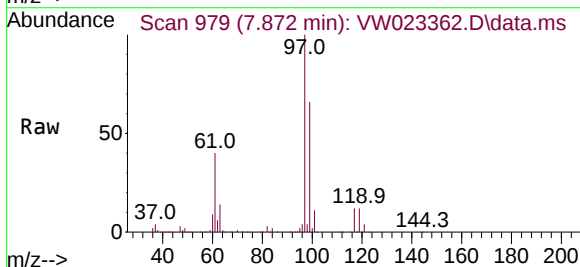


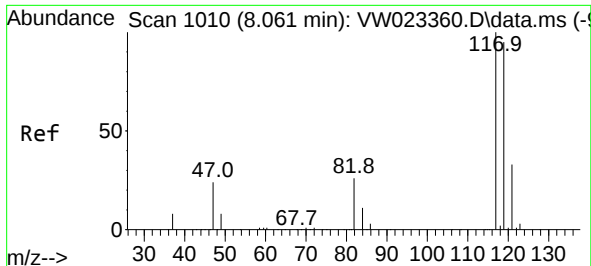
Tgt Ion: 56 Resp: 204117
Ion Ratio Lower Upper
56 100
69 32.3 25.6 38.4
84 98.8 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.769 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion: 97 Resp: 235109
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 42.4 34.8 52.2

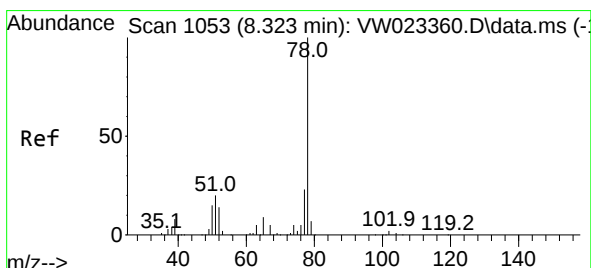
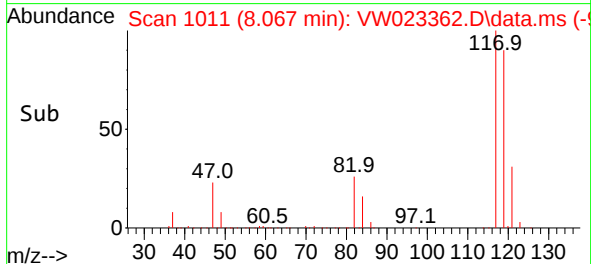
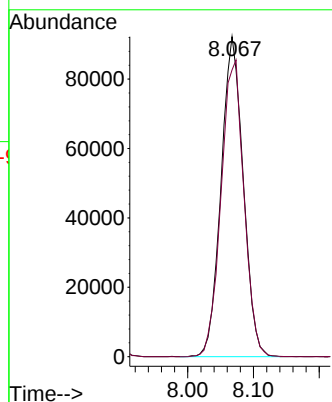
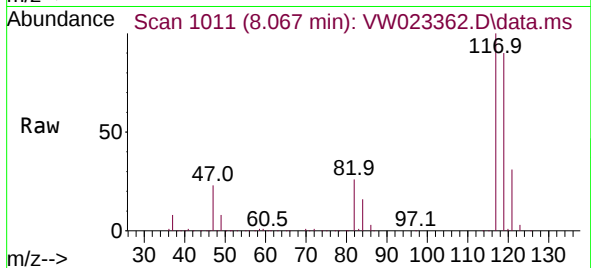




#31
Carbon tetrachloride
Concen: 23.353 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

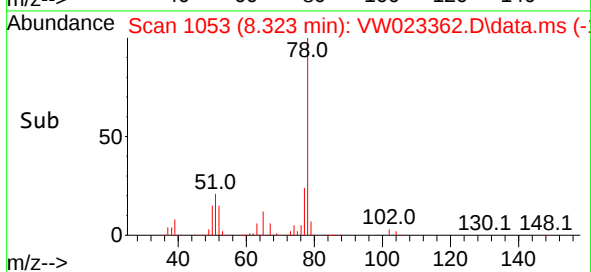
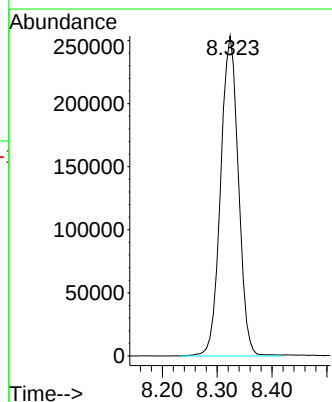
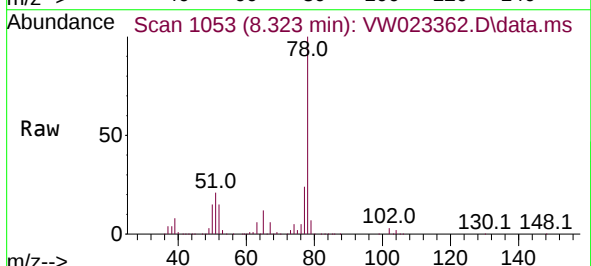
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

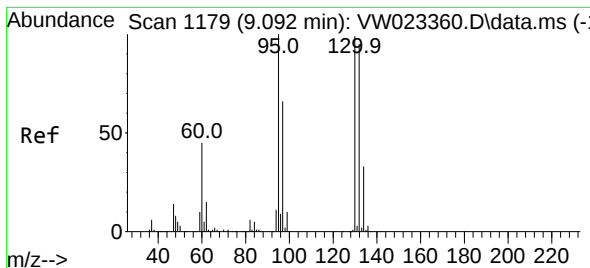
Tgt Ion:117 Resp: 216079
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0



#33
Benzene
Concen: 23.212 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion: 78 Resp: 572354





#34

Trichloroethene

Concen: 33.272 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

Tgt Ion: 95 Resp: 225618

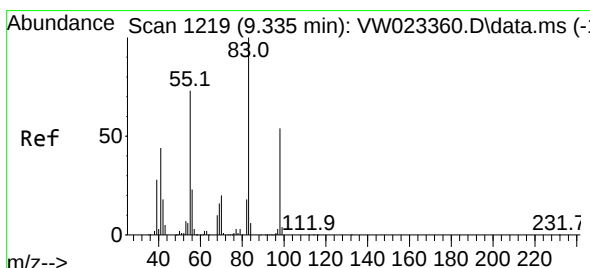
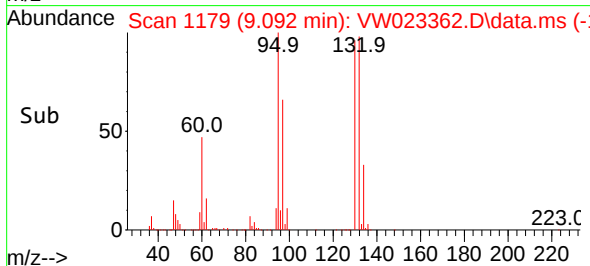
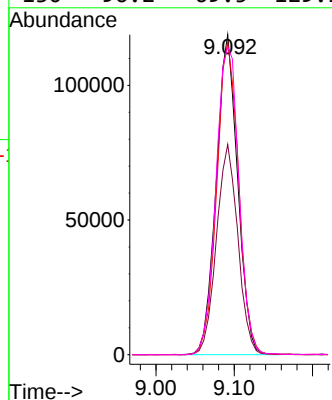
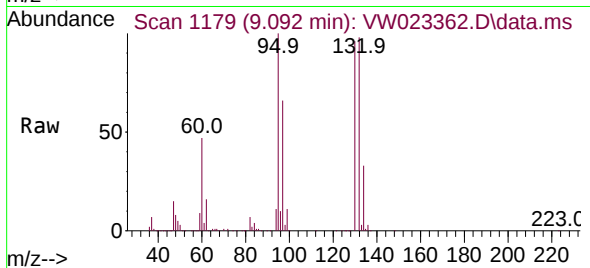
Ion Ratio Lower Upper

95 100

97 65.7 46.1 85.7

132 97.7 66.9 124.3

130 96.2 69.5 129.1



#35

Methylcyclohexane

Concen: 22.534 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

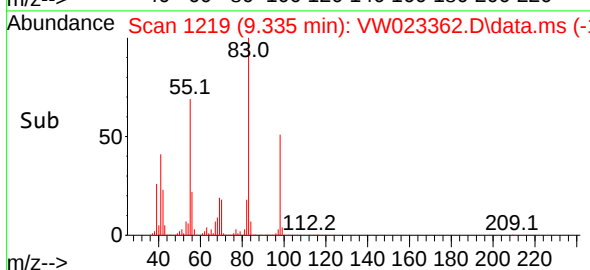
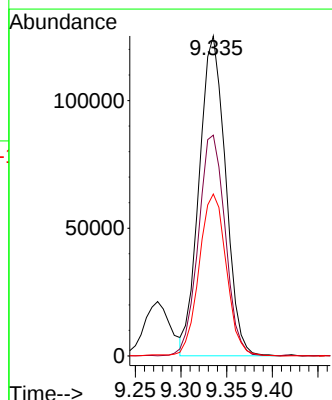
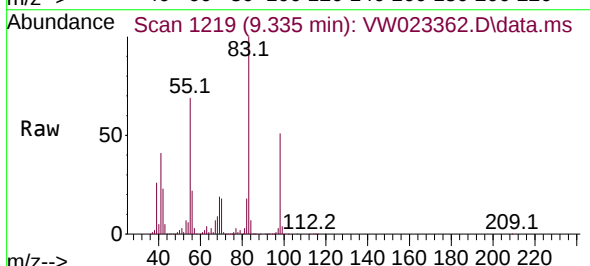
Tgt Ion: 83 Resp: 251027

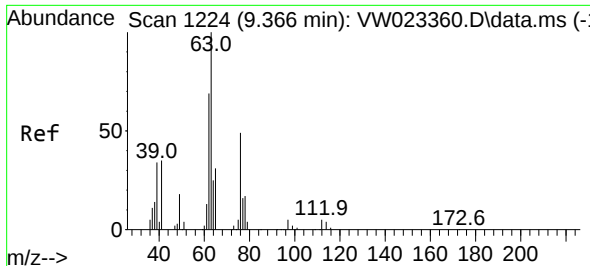
Ion Ratio Lower Upper

83 100

55 70.5 55.1 82.7

98 52.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.615 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

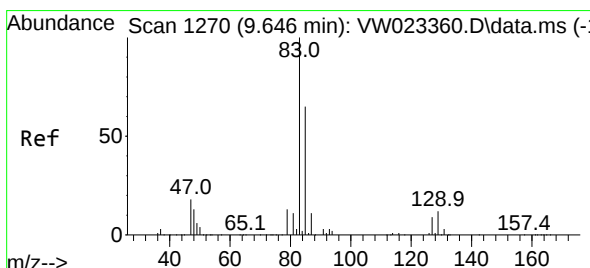
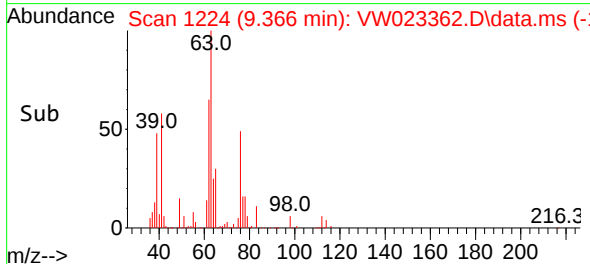
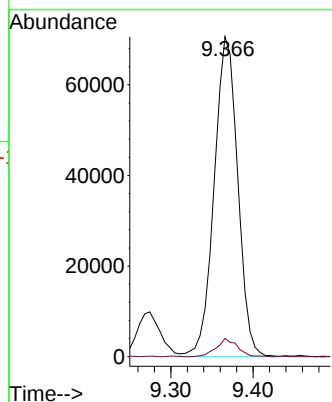
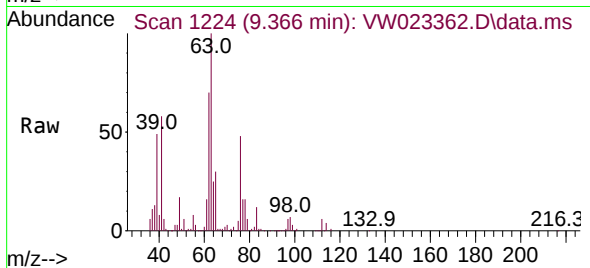
GBGT3MS

Tgt Ion: 63 Resp: 140909

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 23.549 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

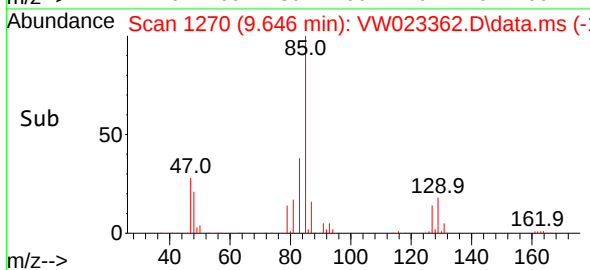
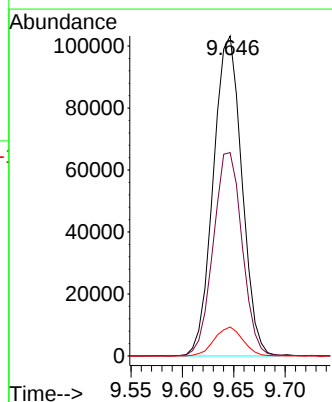
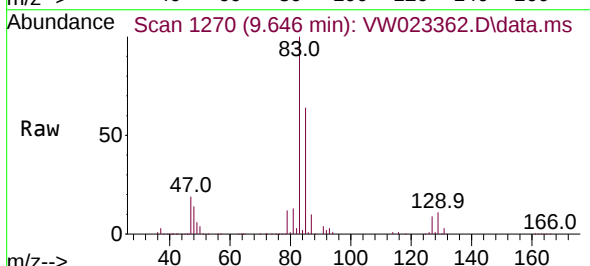
Tgt Ion: 83 Resp: 199585

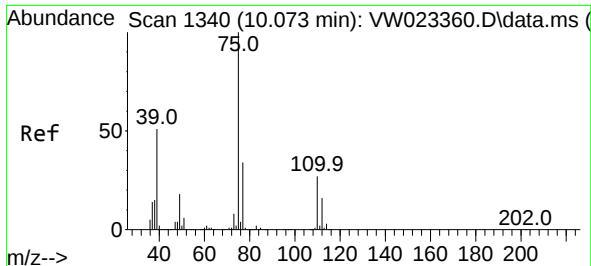
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 9.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.506 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

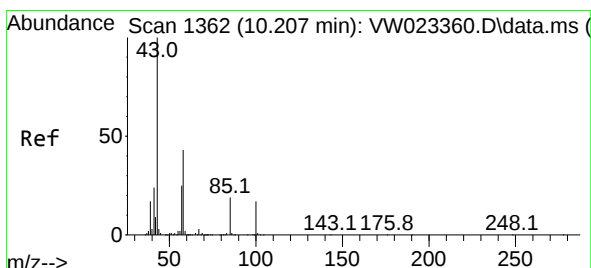
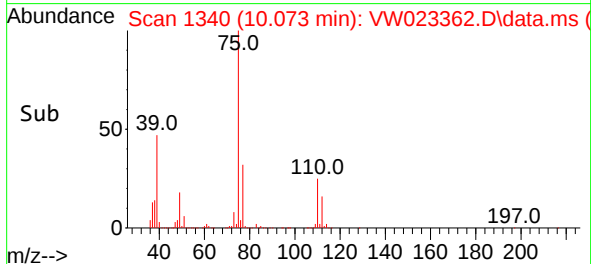
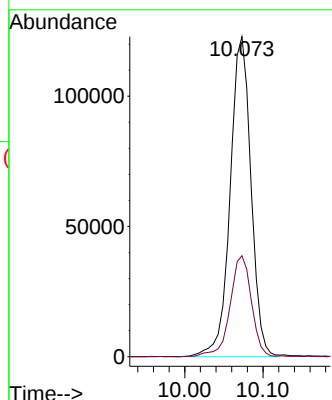
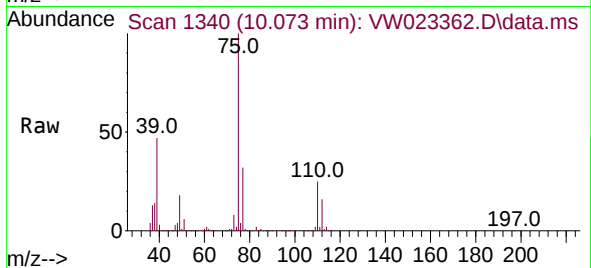
GBGT3MS

Tgt Ion: 75 Resp: 226734

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.316 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

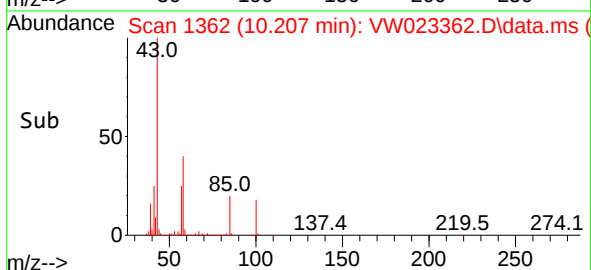
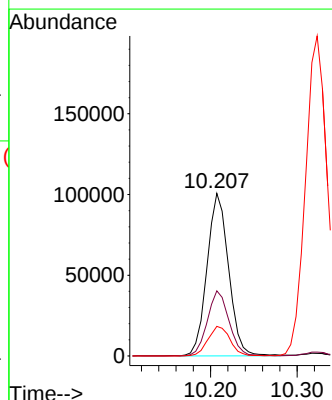
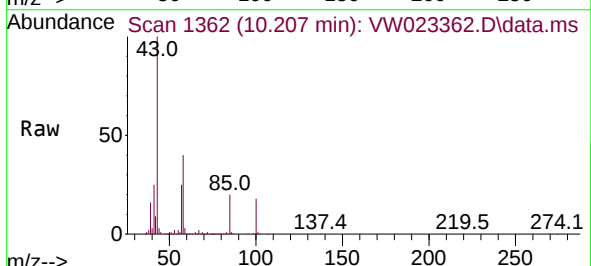
Tgt Ion: 43 Resp: 174192

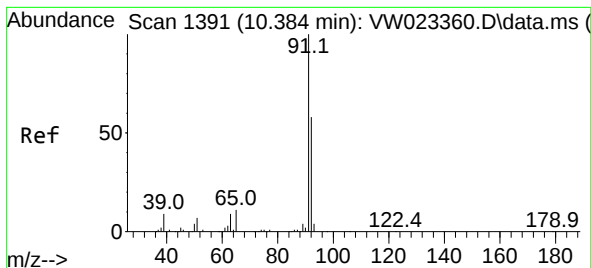
Ion Ratio Lower Upper

43 100

58 40.2 31.4 47.2

100 18.6 14.2 21.4





#42

Toluene

Concen: 24.506 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

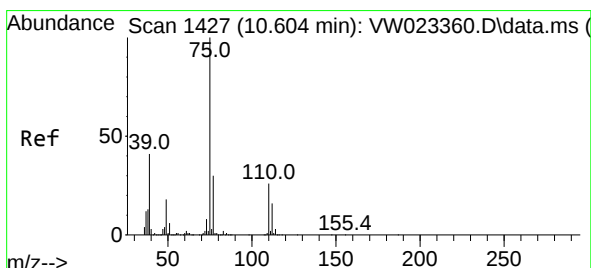
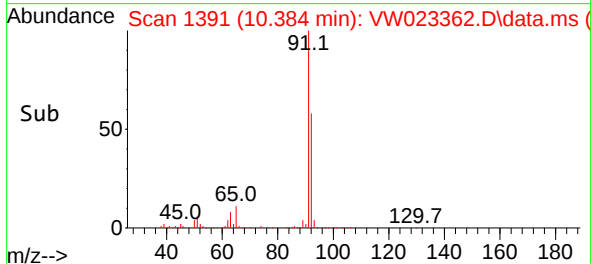
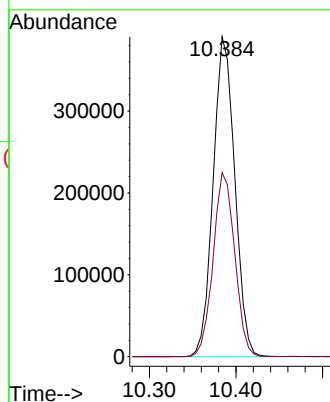
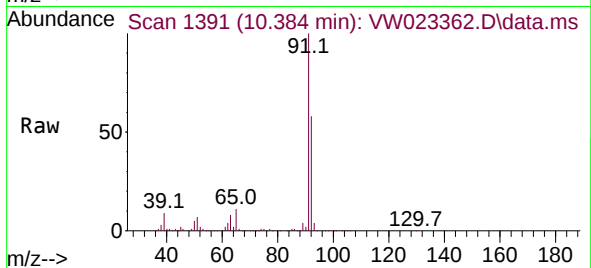
GBGT3MS

Tgt Ion: 91 Resp: 677192

Ion Ratio Lower Upper

91 100

92 57.5 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 25.101 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023362.D

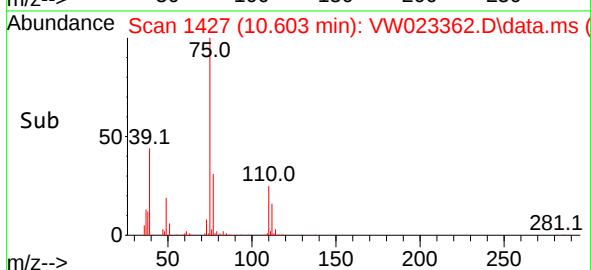
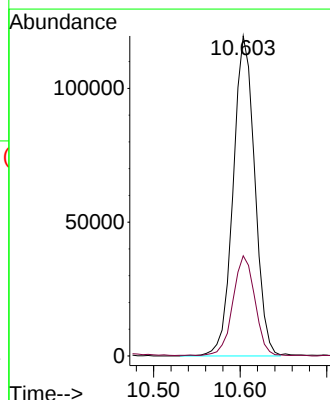
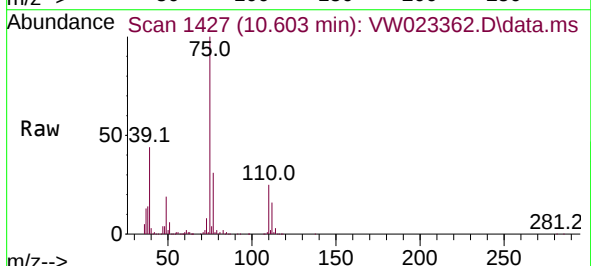
Acq: 27 May 2022 10:43

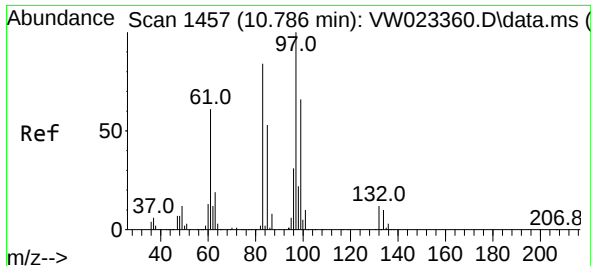
Tgt Ion: 75 Resp: 207292

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8

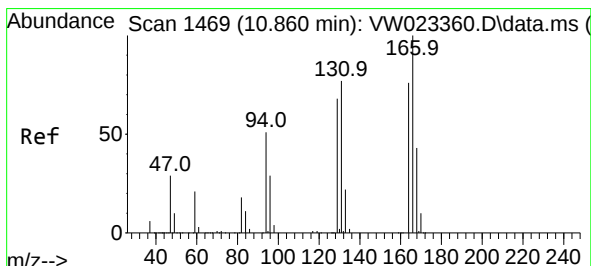
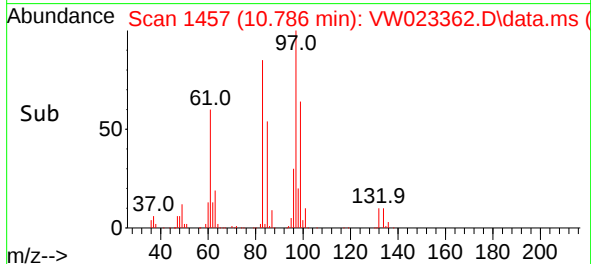
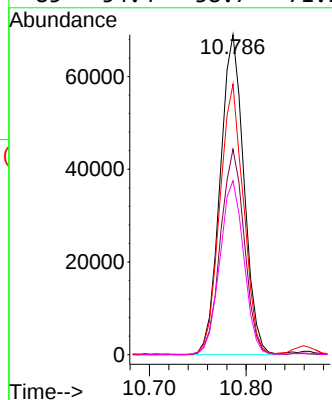
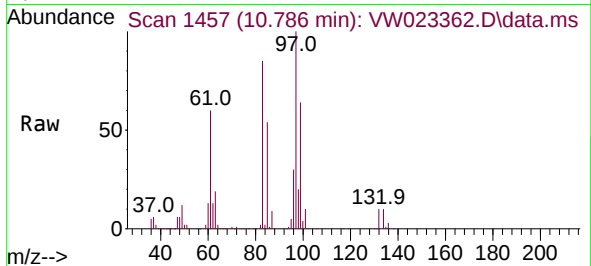




#45
1,1,2-Trichloroethane
Concen: 23.617 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

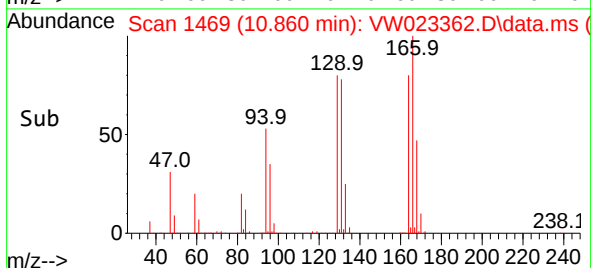
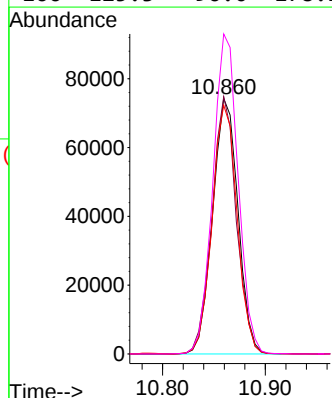
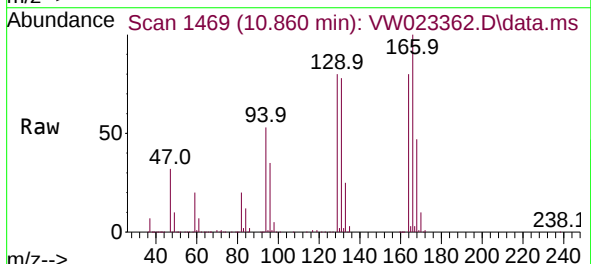
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

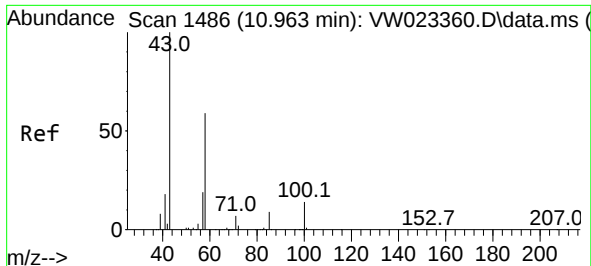
Tgt Ion:	97	Resp:	117804
Ion	Ratio	Lower	Upper
97	100		
99	64.2	44.7	82.9
83	84.6	58.4	108.4
85	54.4	38.7	71.9



#46
Tetrachloroethene
Concen: 24.917 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion:	164	Resp:	126976
Ion	Ratio	Lower	Upper
164	100		
129	100.7	76.9	142.7
131	97.3	75.1	139.5
166	125.3	96.0	178.2

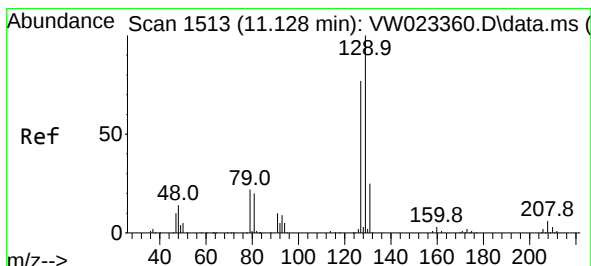
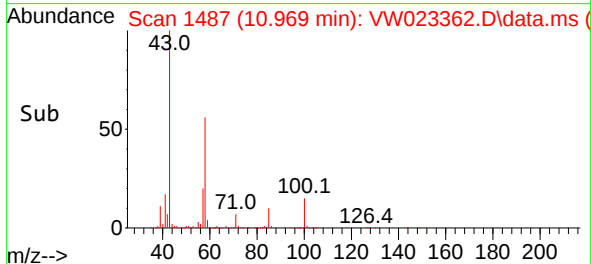
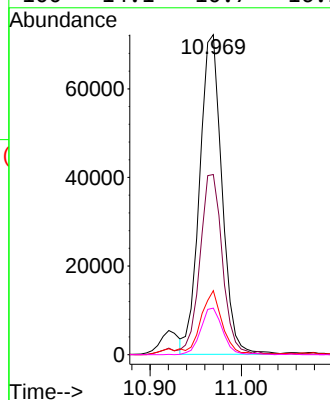
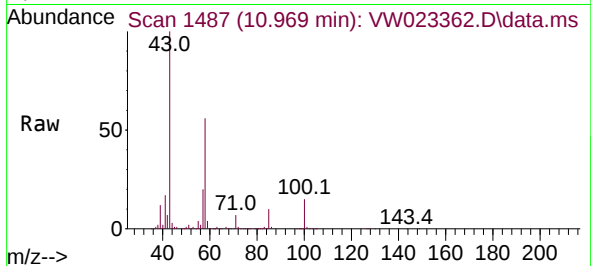




#48
2-Hexanone
Concen: 48.696 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

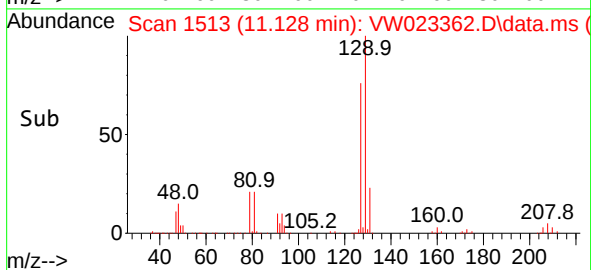
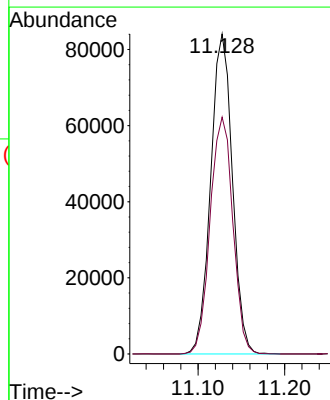
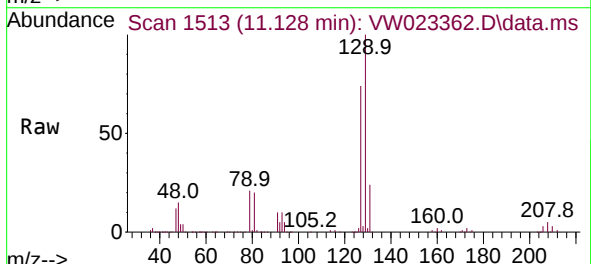
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

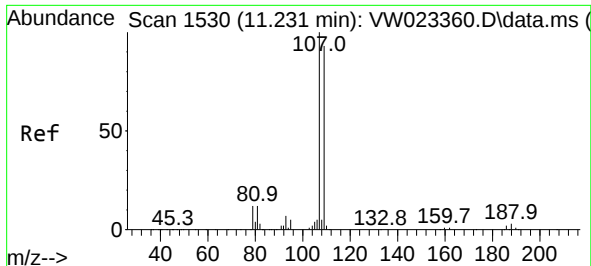
Tgt Ion: 43 Resp: 122369
Ion Ratio Lower Upper
43 100
58 57.3 45.9 68.9
57 18.8 16.2 24.2
100 14.1 10.7 16.1



#49
Dibromochloromethane
Concen: 24.363 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion:129 Resp: 146265
Ion Ratio Lower Upper
129 100
127 74.0 53.8 100.0





#50

1,2-Dibromoethane

Concen: 22.985 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

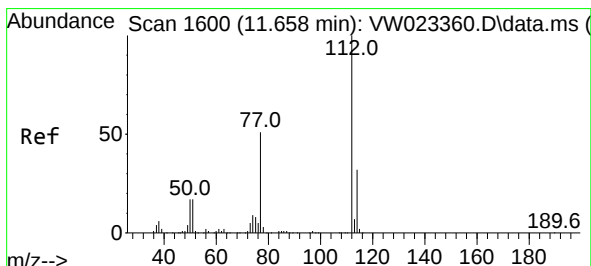
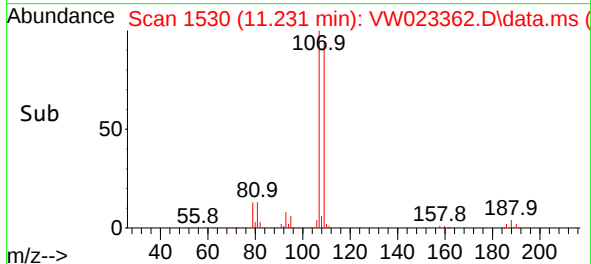
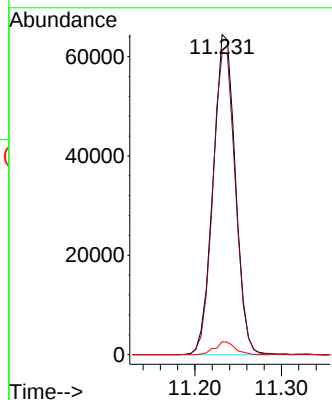
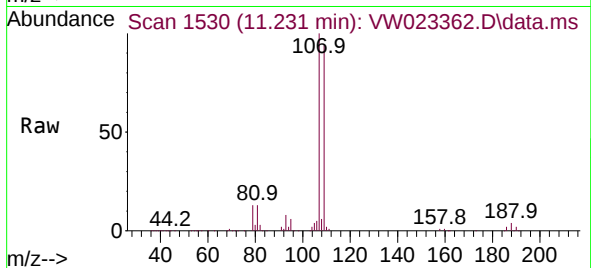
Tgt Ion:107 Resp: 115128

Ion Ratio Lower Upper

107 100

109 94.5 67.5 125.4

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 24.370 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

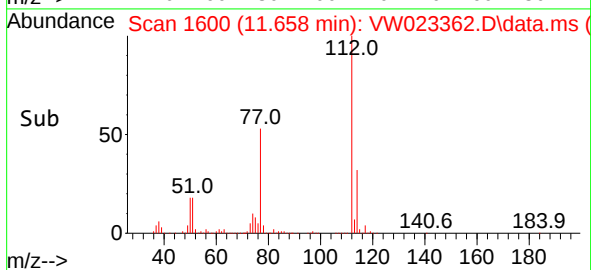
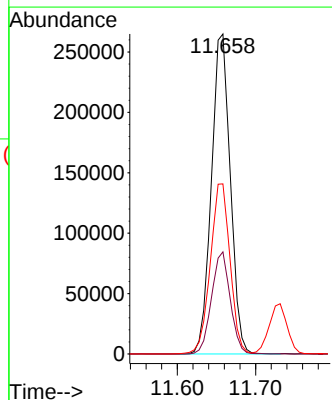
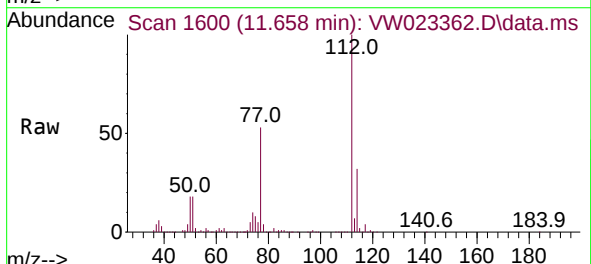
Tgt Ion:112 Resp: 443971

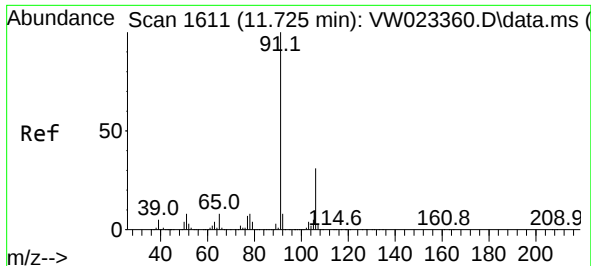
Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 53.2 42.6 63.8





#52

Ethylbenzene

Concen: 24.309 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

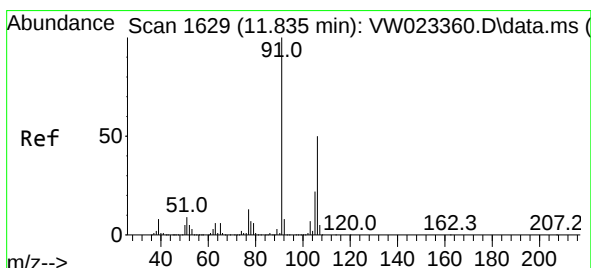
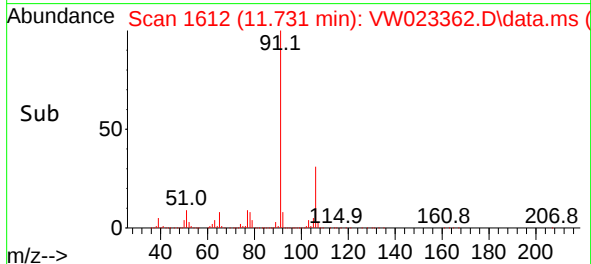
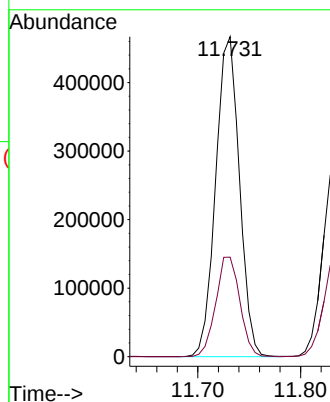
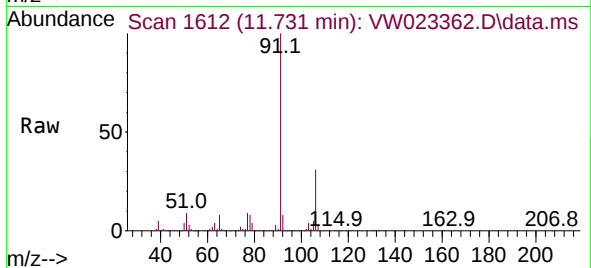
GBGT3MS

Tgt Ion: 91 Resp: 747314

Ion Ratio Lower Upper

91 100

106 31.1 22.3 41.3



#53

m,p-Xylene

Concen: 24.682 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW023362.D

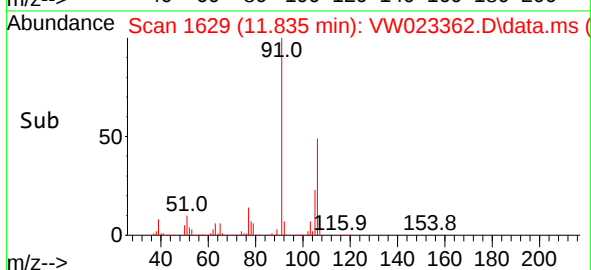
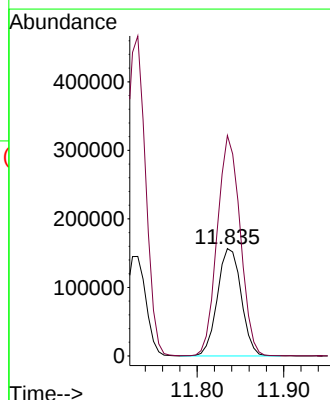
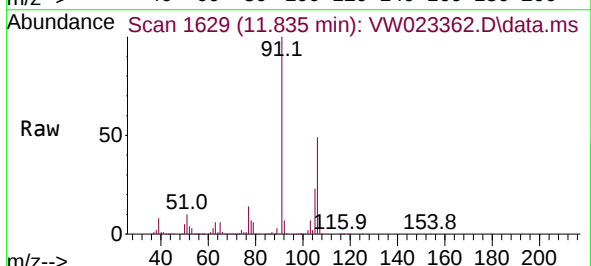
Acq: 27 May 2022 10:43

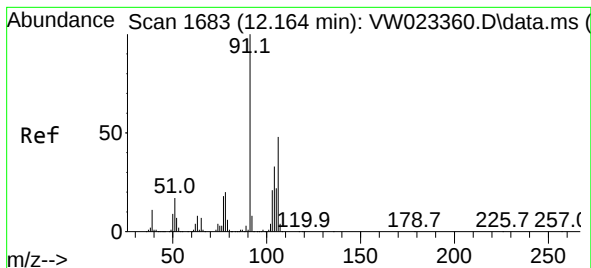
Tgt Ion:106 Resp: 298987

Ion Ratio Lower Upper

106 100

91 205.5 136.8 254.0





#54

o-Xylene

Concen: 25.081 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

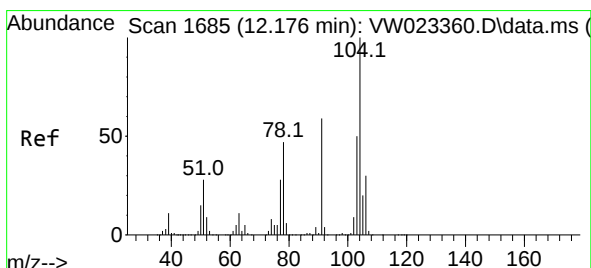
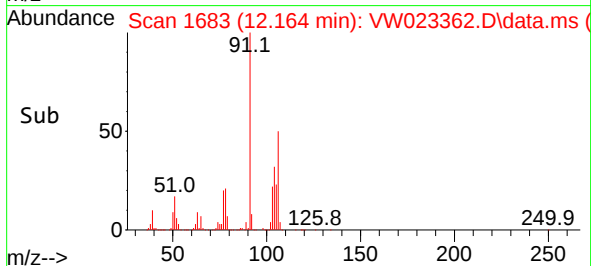
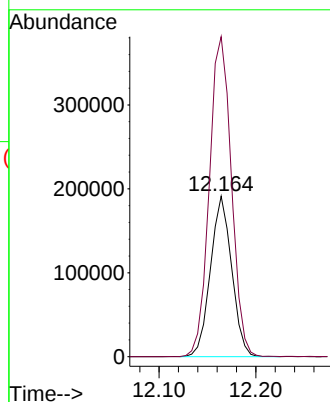
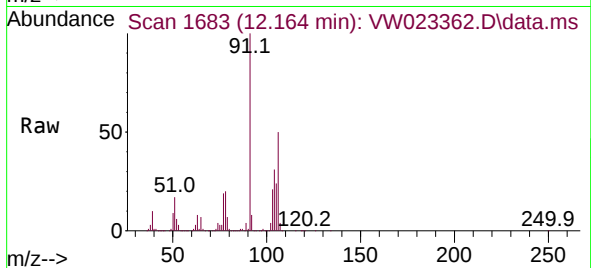
GBGT3MS

Tgt Ion:106 Resp: 291551

Ion Ratio Lower Upper

106 100

91 199.5 147.2 273.4



#55

Styrene

Concen: 24.973 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023362.D

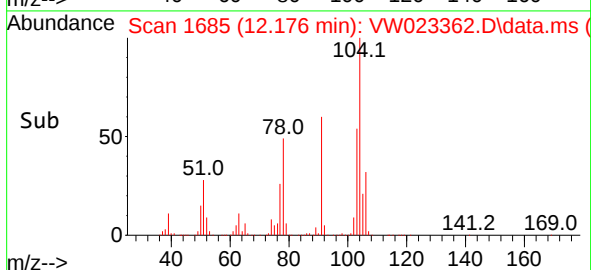
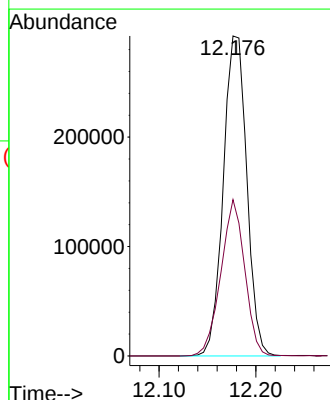
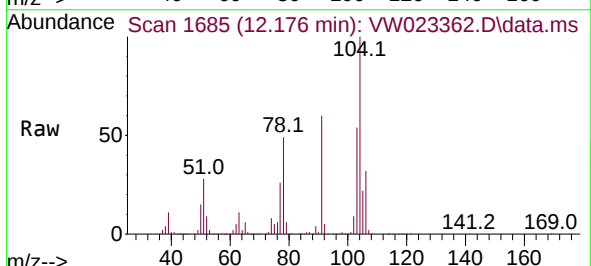
Acq: 27 May 2022 10:43

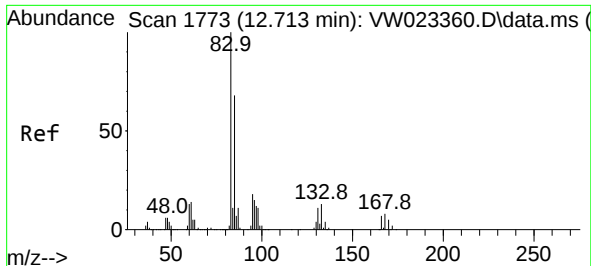
Tgt Ion:104 Resp: 493267

Ion Ratio Lower Upper

104 100

78 48.8 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.740 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

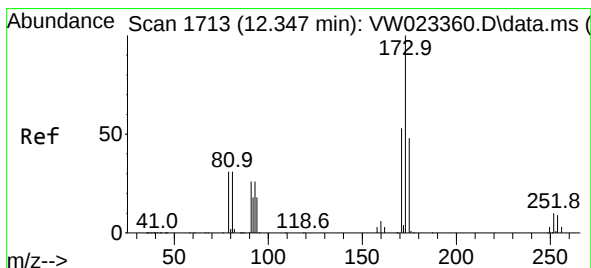
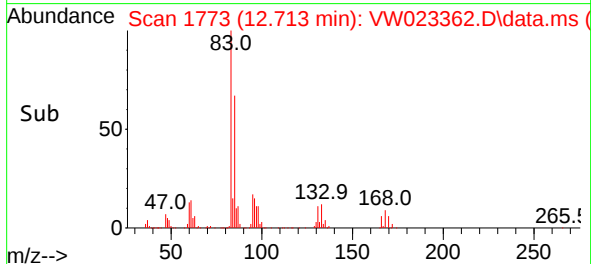
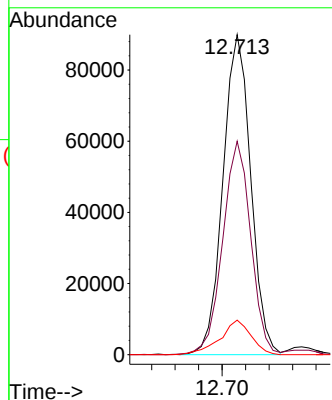
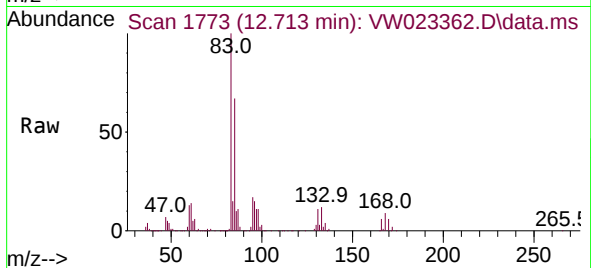
Tgt Ion: 83 Resp: 147912

Ion Ratio Lower Upper

83 100

85 66.7 47.5 88.1

131 10.8 8.7 13.1



#59

Bromoform

Concen: 23.459 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

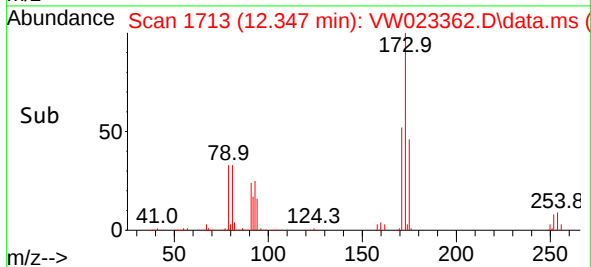
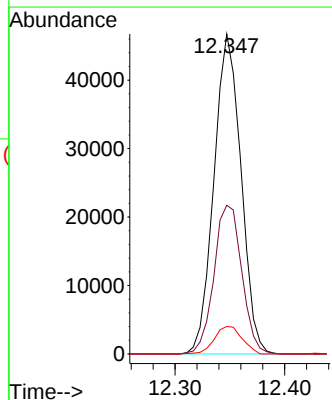
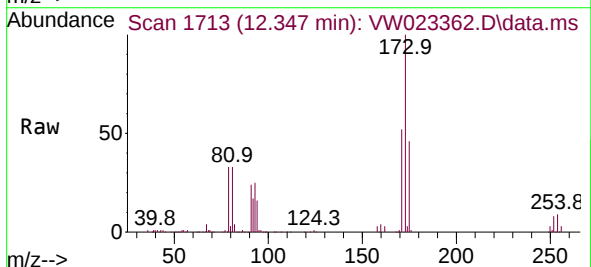
Tgt Ion:173 Resp: 80118

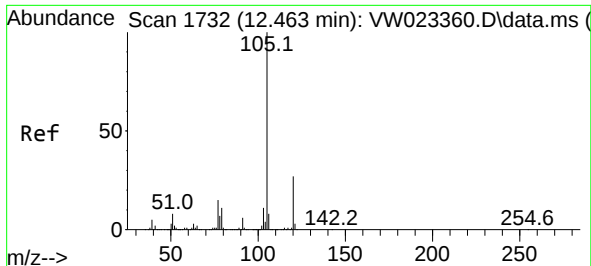
Ion Ratio Lower Upper

173 100

175 47.8 38.1 57.1

254 8.9 6.5 9.7

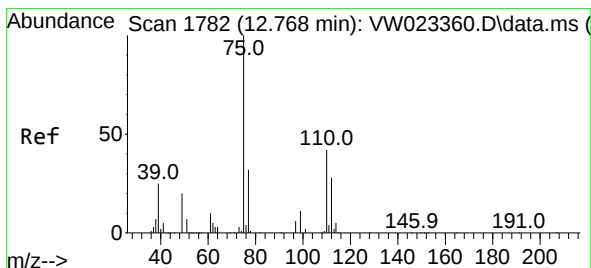
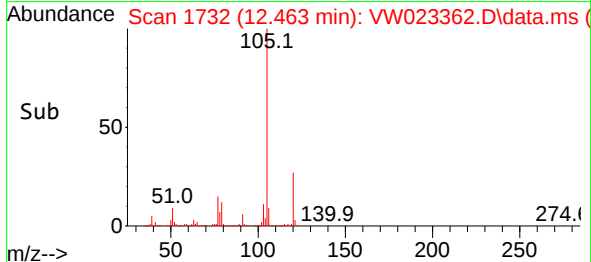
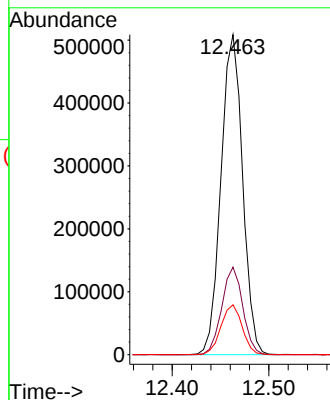
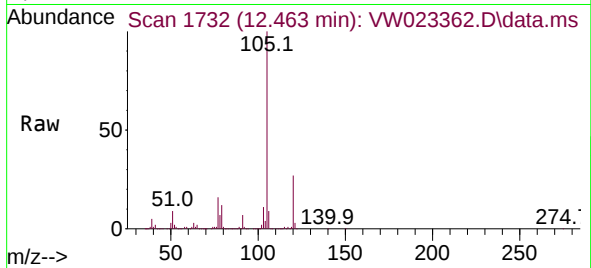




#60
Isopropylbenzene
Concen: 23.855 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

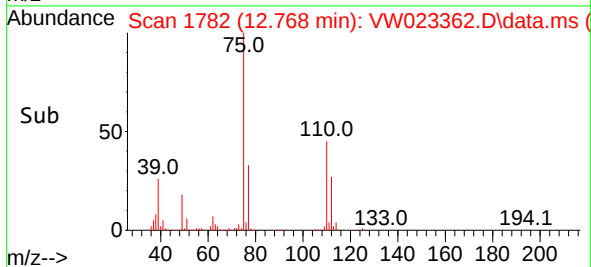
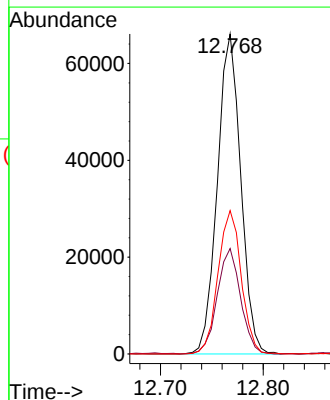
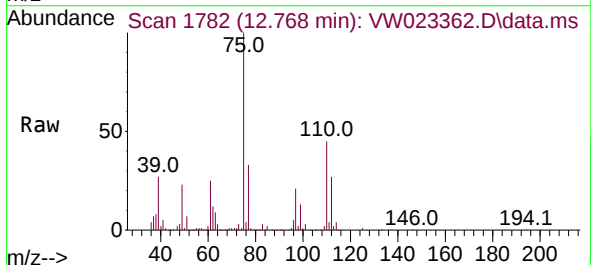
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

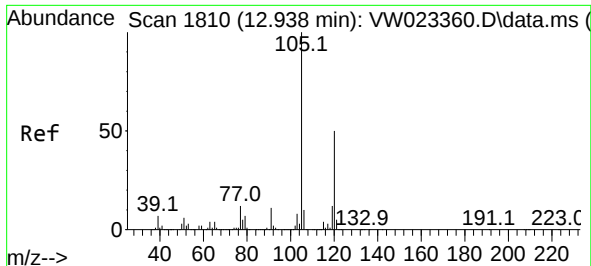
Tgt Ion:105 Resp: 787577
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.675 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion: 75 Resp: 104373
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 44.4 34.1 51.1

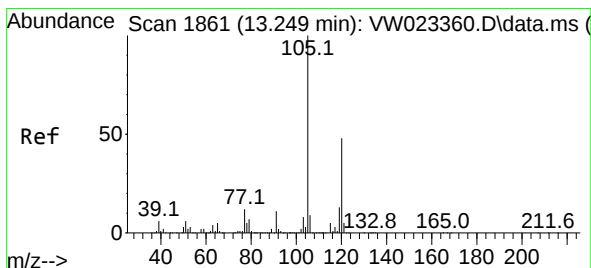
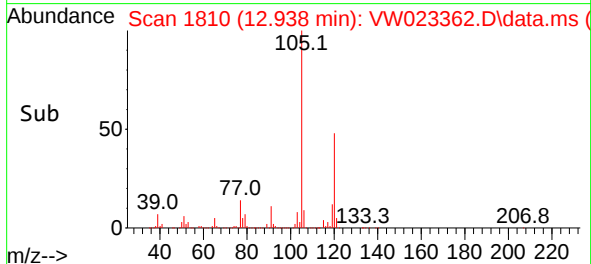
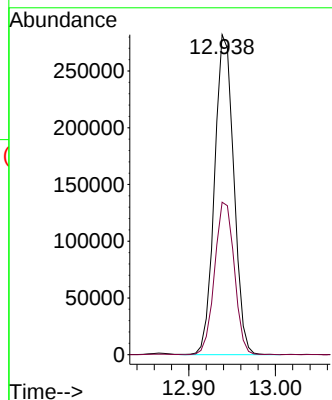
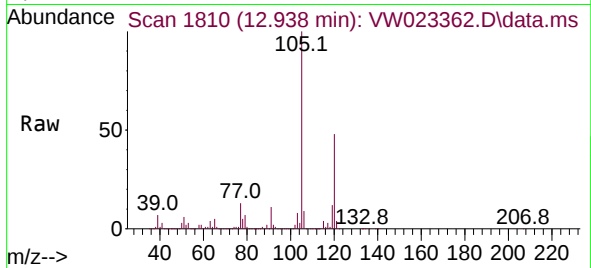




#62
1,3,5-Trimethylbenzene
Concen: 23.726 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

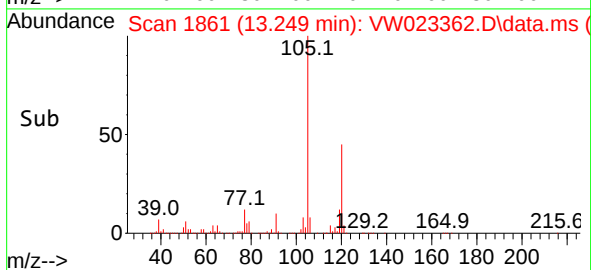
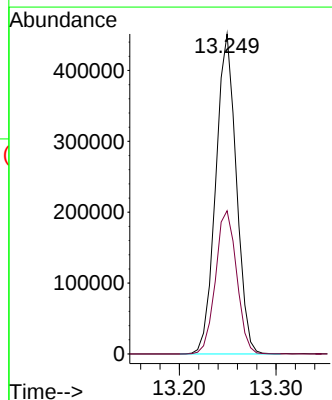
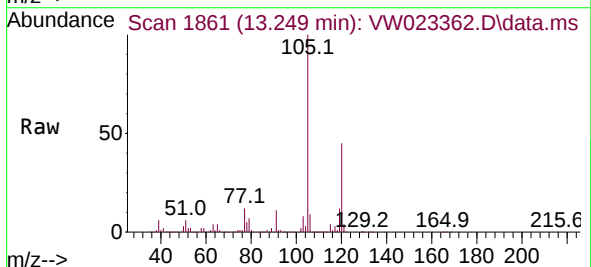
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

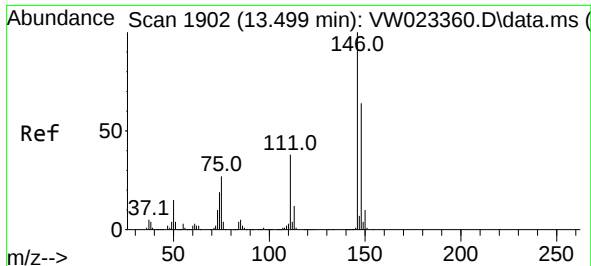
Tgt Ion:105 Resp: 435796
Ion Ratio Lower Upper
105 100
120 48.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.152 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion:105 Resp: 666088
Ion Ratio Lower Upper
105 100
120 45.9 37.4 56.2

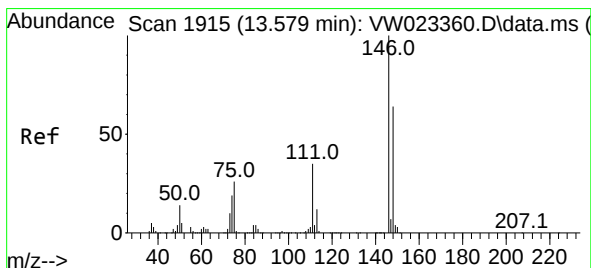
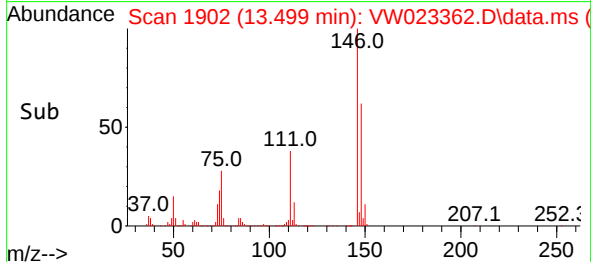
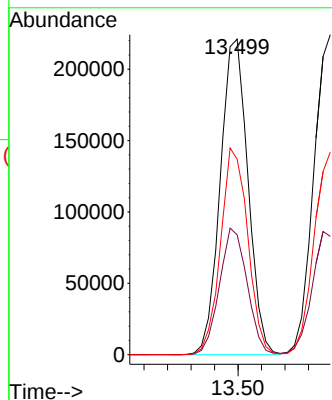
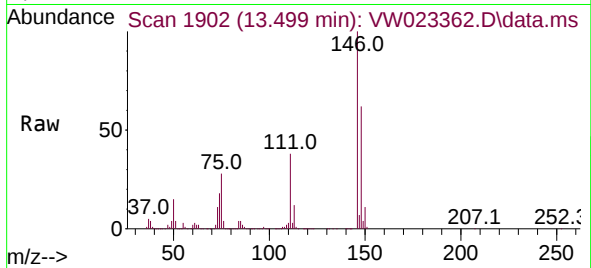




#64
1,3-Dichlorobenzene
Concen: 24.584 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

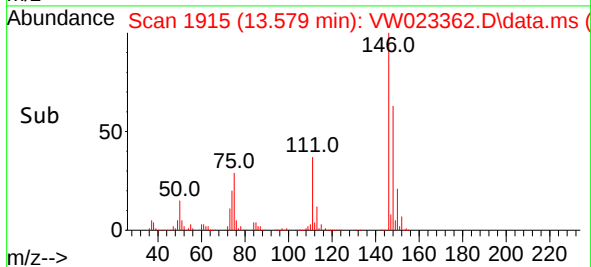
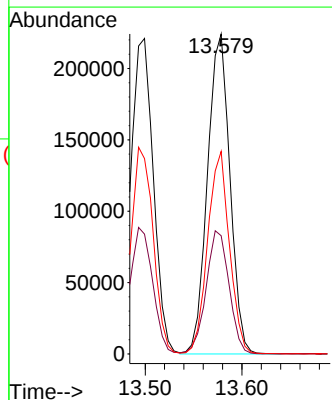
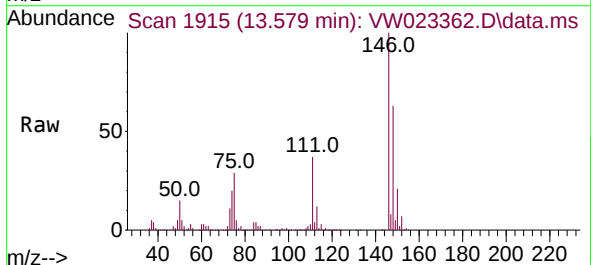
Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

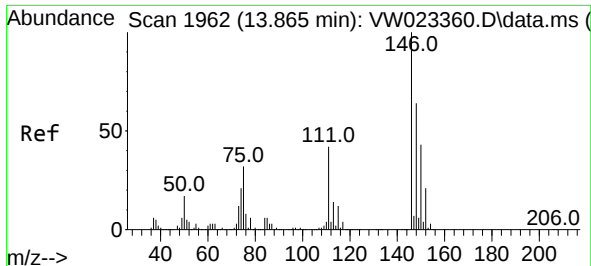
Tgt Ion:146 Resp: 362373
Ion Ratio Lower Upper
146 100
111 38.0 29.5 54.9
148 61.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.777 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion:146 Resp: 362013
Ion Ratio Lower Upper
146 100
111 37.0 27.2 50.4
148 63.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.469 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

GBGT3MS

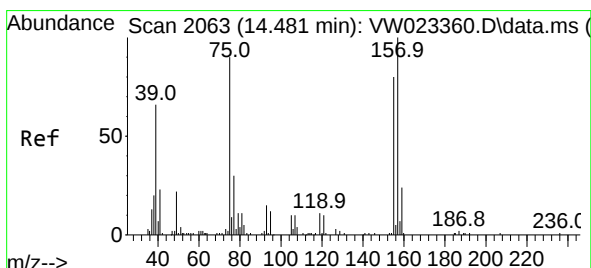
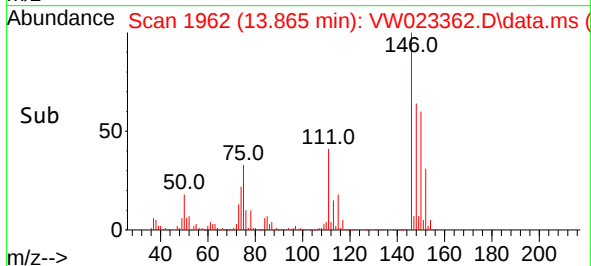
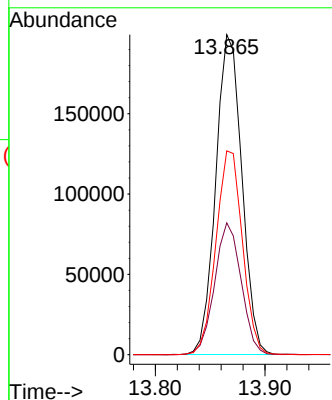
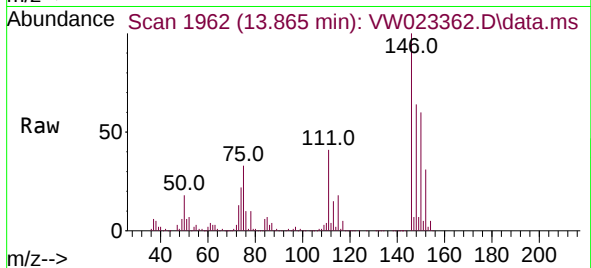
Tgt Ion:146 Resp: 330041

Ion Ratio Lower Upper

146 100

111 41.2 35.7 53.5

148 63.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.242 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023362.D

Acq: 27 May 2022 10:43

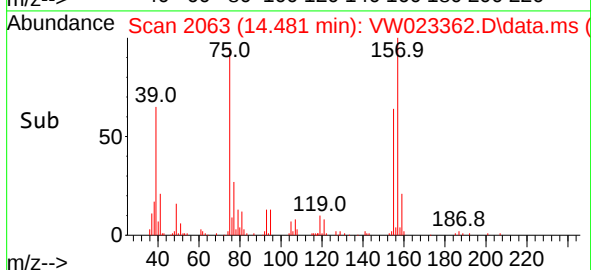
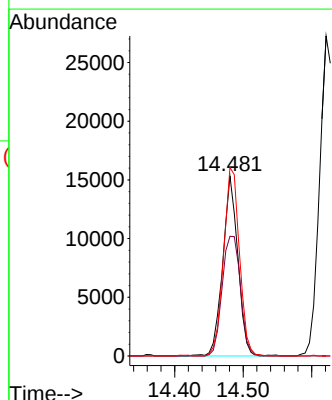
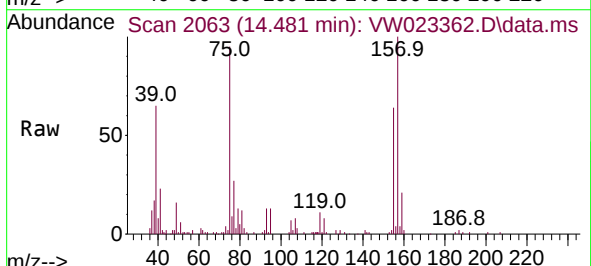
Tgt Ion: 75 Resp: 23407

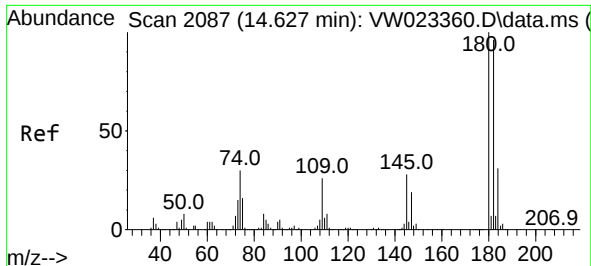
Ion Ratio Lower Upper

75 100

155 66.5 59.3 88.9

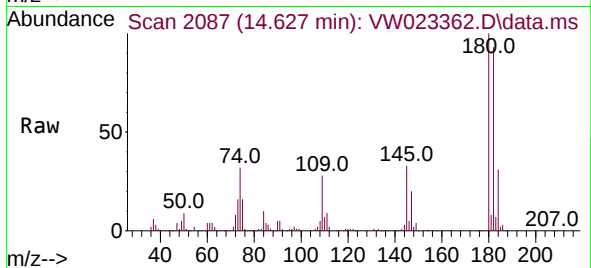
157 104.8 89.8 134.8



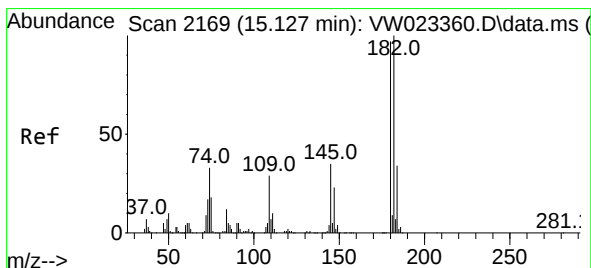
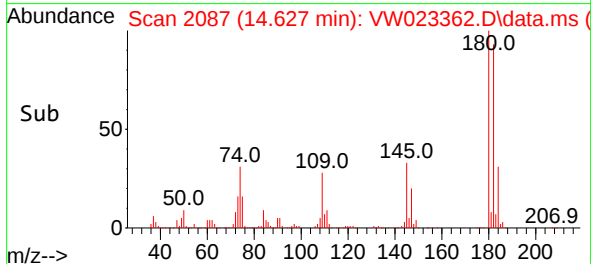
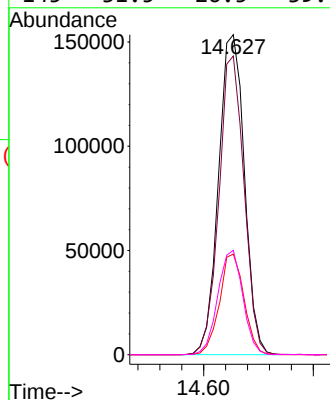


#69
 1,3,5-Trichlorobenzene
 Concen: 25.723 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023362.D
 Acq: 27 May 2022 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT3MS

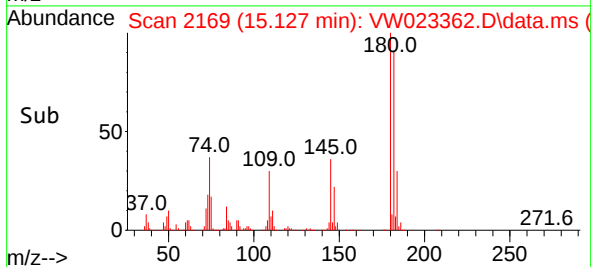
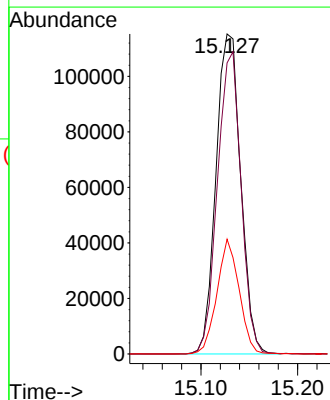
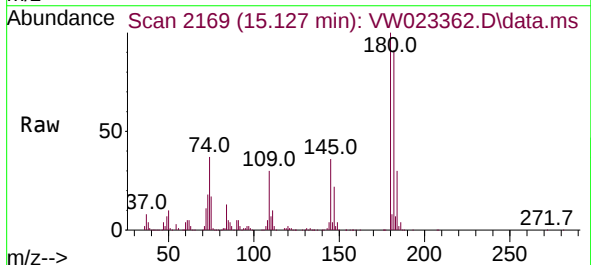


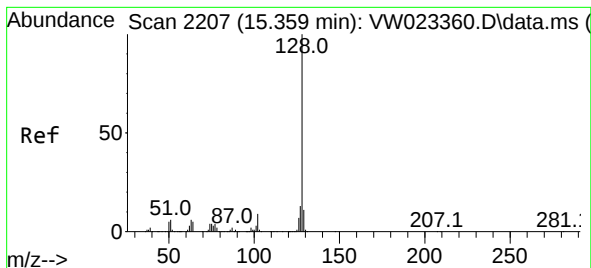
Tgt Ion:	180	Resp:	251686
Ion Ratio	Lower	Upper	
180	100		
182	90.7	74.8	112.2
184	29.9	23.4	35.2
145	31.5	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.968 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023362.D
 Acq: 27 May 2022 10:43

Tgt Ion:	180	Resp:	204385
Ion Ratio	Lower	Upper	
180	100		
182	90.4	74.9	112.3
145	32.2	26.6	39.8

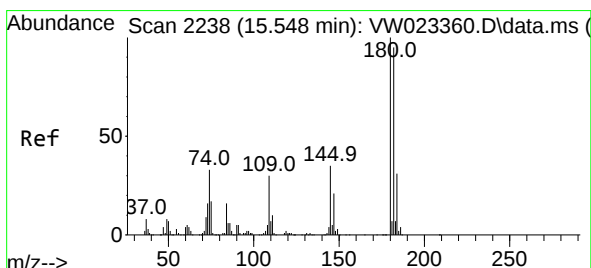
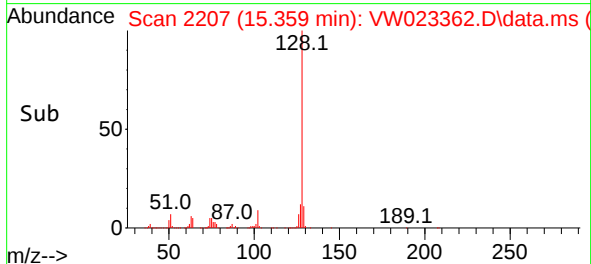
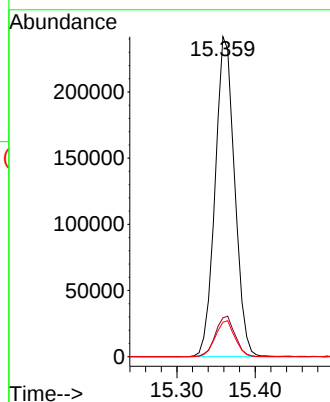
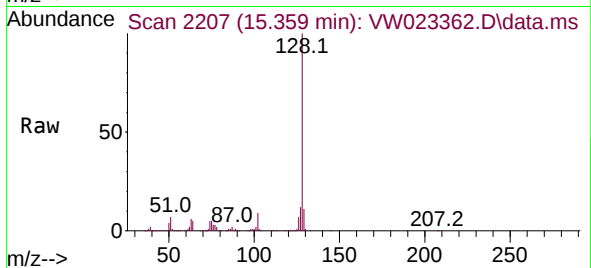




#71
Naphthalene
Concen: 24.467 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

Tgt Ion:128 Resp: 418546
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.066 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023362.D
Acq: 27 May 2022 10:43

Tgt Ion:180 Resp: 181828
Ion Ratio Lower Upper
180 100
182 89.2 73.5 110.3
145 34.9 27.9 41.9

