

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023312.D
 Acq On : 25 May 2022 11:35
 Operator : SY/VA
 Sample : N2995-14MSD
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR5MSD

Quant Time: May 26 01:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	389655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	229092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113795	14.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.920%
7) Chloroethane-d5	2.885	69	96391	18.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
11) 1,1-Dichloroethene-d2	4.019	63	187800	18.181	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.720%
21) 2-Butanone-d5	7.074	46	89693	59.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.020%
24) Chloroform-d	7.647	84	272045	23.830	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.305	65	146778	23.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.760%
32) Benzene-d6	8.275	84	472427	20.517	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.080%
36) 1,2-Dichloropropane-d6	9.274	67	147697	22.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	10.323	98	439791	19.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.080%
43) trans-1,3-Dichloroprop...	10.579	79	69818	23.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.760%
47) 2-Hexanone-d5	10.920	63	78758	63.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	173405	28.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	198070	24.733	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	42831	20.164	ug/L	94
3) Chloromethane	2.215	50	106139	25.858	ug/L	100
5) Vinyl chloride	2.361	62	167389	20.320	ug/L	97
6) Bromomethane	2.782	94	92042	17.402	ug/L	99
8) Chloroethane	2.922	64	89672	22.569	ug/L	99
9) Trichlorofluoromethane	3.257	101	79194	21.034	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	125814	22.348	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	113290	22.701	ug/L	82
13) Acetone	4.117	43	49227	43.258	ug/L	96
14) Carbon disulfide	4.385	76	292668	21.391	ug/L	100
15) Methyl Acetate	4.665	43	50504	22.091	ug/L	98
16) Methylene chloride	4.915	84	124616	21.856	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	127134	22.637	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	223215	26.036	ug/L	100
19) 1,1-Dichloroethane	6.214	63	226317	23.777	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	144388	23.936	ug/L	100
22) 2-Butanone	7.171	43	72748	45.711	ug/L	98
23) Bromochloromethane	7.513	128	70053	24.797	ug/L	88
25) Chloroform	7.677	83	254465	24.177	ug/L	99

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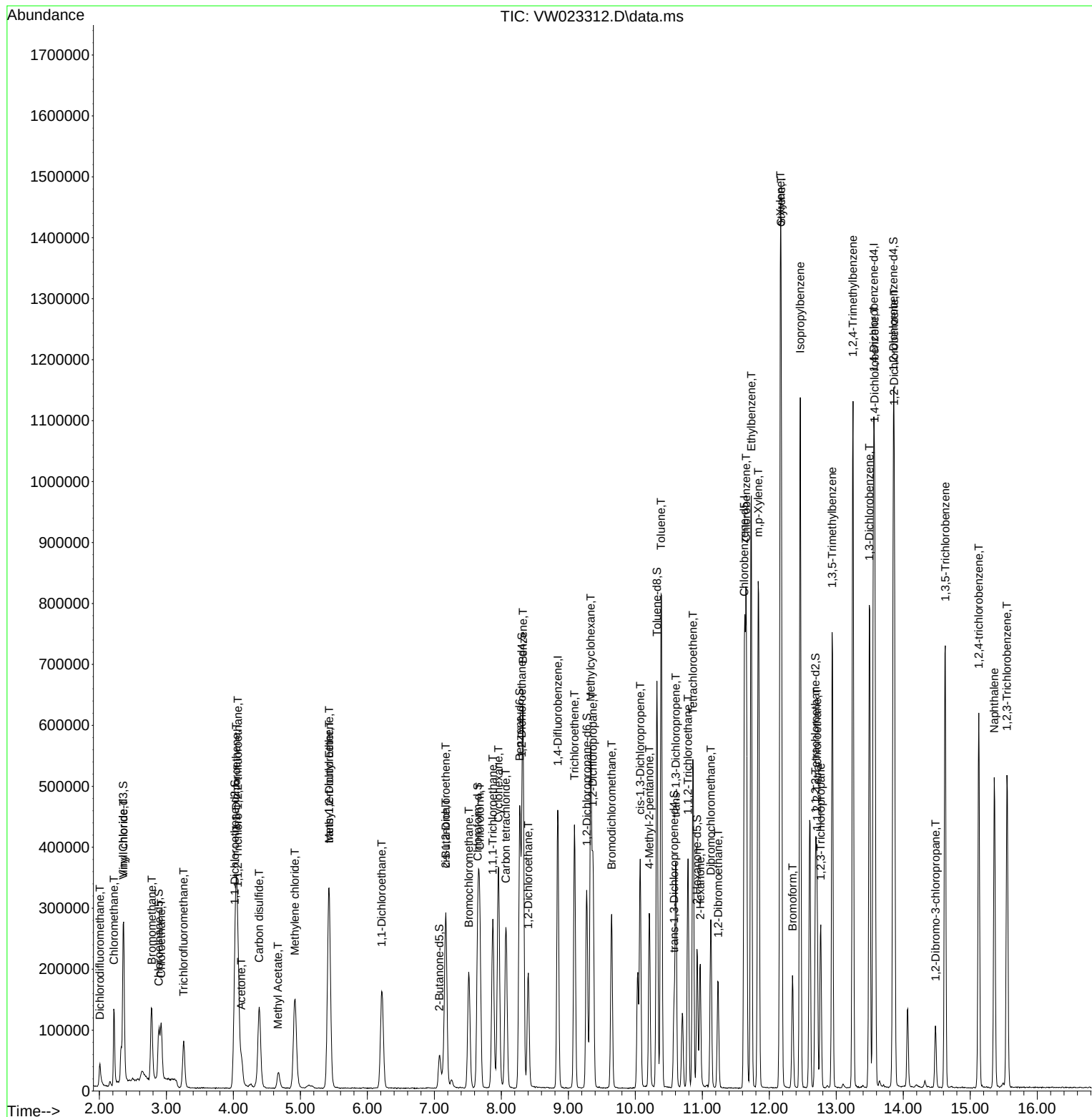
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	167059	23.811	ug/L	96
29) Cyclohexane	7.958	56	192396	22.269	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	220065	23.311	ug/L	99
31) Carbon tetrachloride	8.067	117	201883	22.861	ug/L	99
33) Benzene	8.323	78	533865	22.685	ug/L	100
34) Trichloroethene	9.092	95	144221	22.283	ug/L	94
35) Methylcyclohexane	9.335	83	234063	22.014	ug/L	99
37) 1,2-Dichloropropane	9.366	63	130823	22.971	ug/L	99
38) Bromodichloromethane	9.646	83	186123	23.009	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	210748	23.865	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	180137	50.183	ug/L	99
42) Toluene	10.384	91	609970	23.127	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	196169	24.888	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	114452	24.040	ug/L	97
46) Tetrachloroethene	10.860	164	116217	23.894	ug/L	93
48) 2-Hexanone	10.969	43	125487	52.320	ug/L	100
49) Dibromochloromethane	11.128	129	138796	24.223	ug/L	100
50) 1,2-Dibromoethane	11.237	107	113457	23.733	ug/L	92
51) Chlorobenzene	11.652	112	407526	23.438	ug/L	99
52) Ethylbenzene	11.731	91	693815	23.646	ug/L	100
53) m,p-Xylene	11.835	106	274169	23.714	ug/L	97
54) o-Xylene	12.164	106	264727	23.861	ug/L	100
55) Styrene	12.176	104	457101	24.247	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	147957	24.881	ug/L	100
59) Bromoform	12.347	173	76613	23.598	ug/L	96
60) Isopropylbenzene	12.463	105	718534	22.895	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105973	23.151	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	396959	22.735	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	610645	23.292	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	332769	23.748	ug/L	91
65) 1,4-Dichlorobenzene	13.572	146	332537	22.976	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	309493	24.137	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23114	23.105	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	214986	23.114	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	184990	24.725	ug/L	99
71) Naphthalene	15.359	128	432067	26.569	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	166106	25.049	ug/L	97

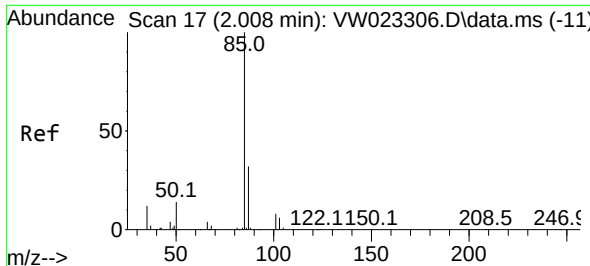
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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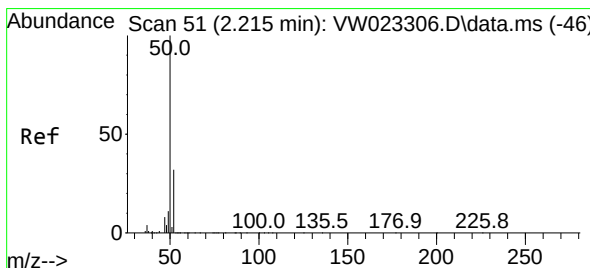
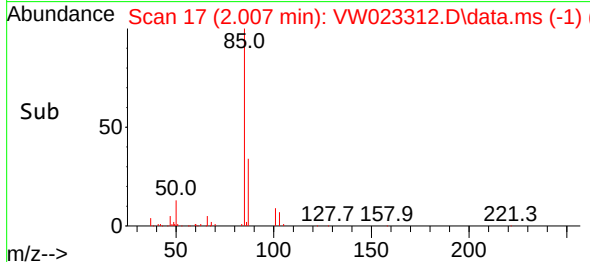
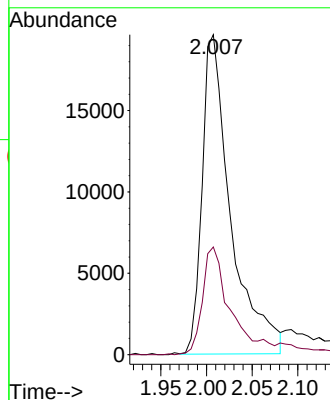
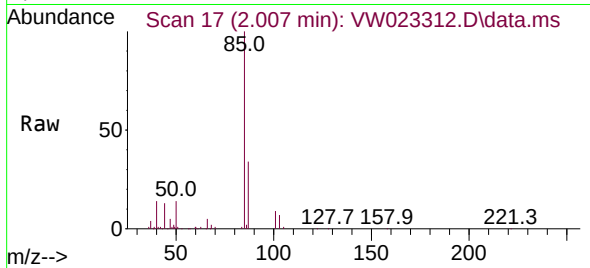




#2
 Dichlorodifluoromethane
 Concen: 20.164 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023312.D
 Acq: 25 May 2022 11:35

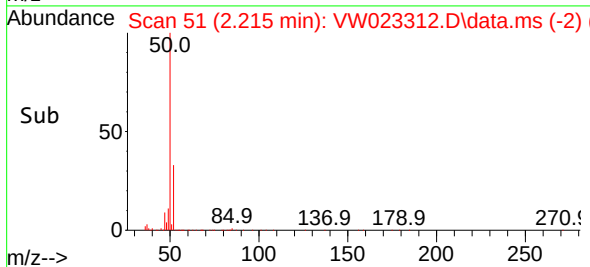
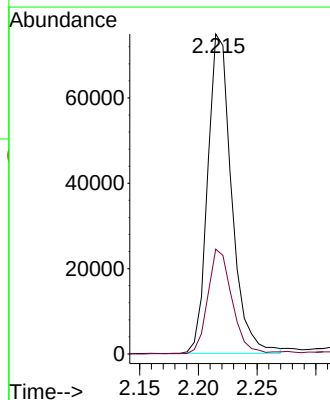
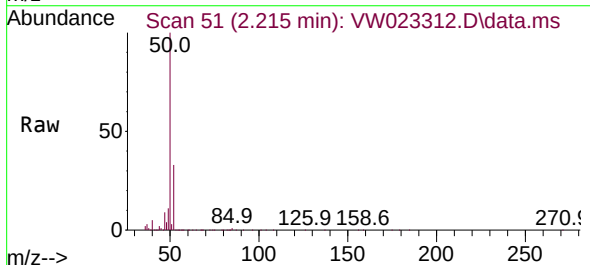
Instrument :
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 ClientSampleId :
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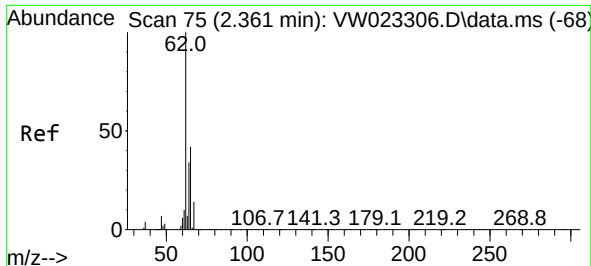
Tgt Ion: 85 Resp: 42831
 Ion Ratio Lower Upper
 85 100
 87 31.1 27.8 41.8



#3
 Chloromethane
 Concen: 25.858 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023312.D
 Acq: 25 May 2022 11:35

Tgt Ion: 50 Resp: 106139
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.1 42.9

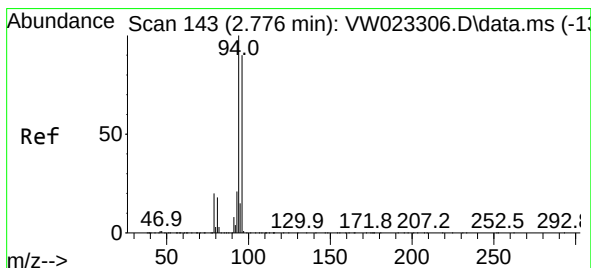
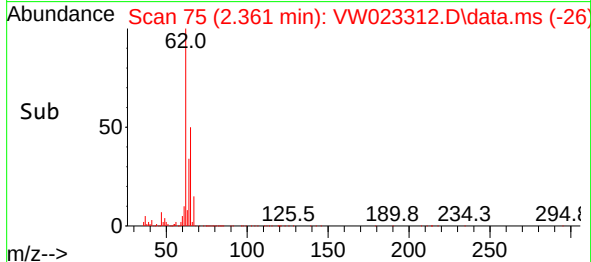
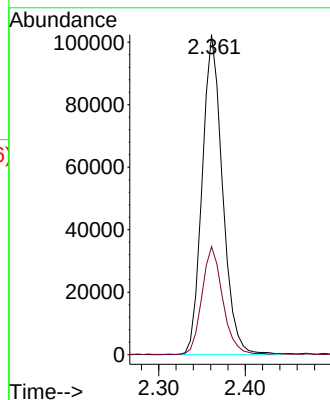
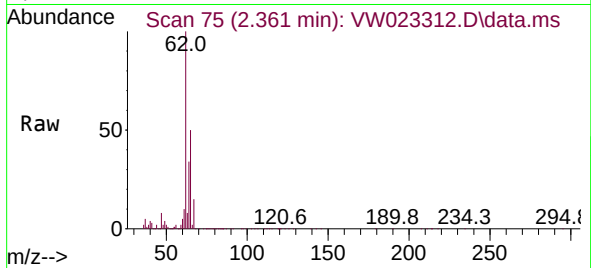




#5
 Vinyl chloride
 Concen: 20.320 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023312.D
 Acq: 25 May 2022 11:35

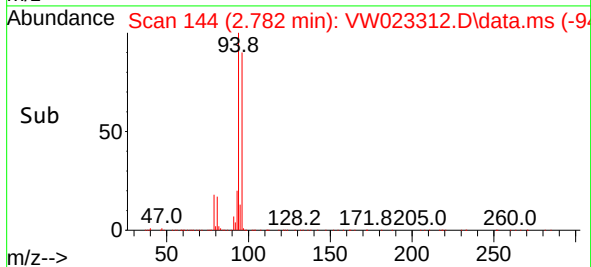
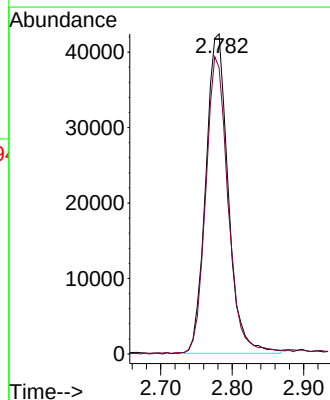
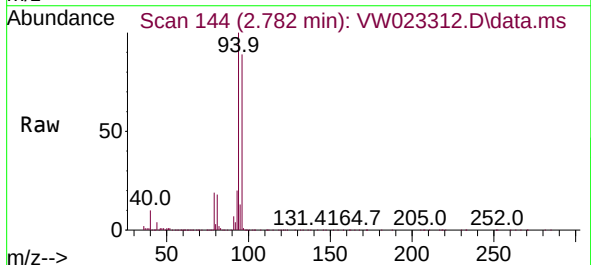
Instrument :
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 ClientSampleId :
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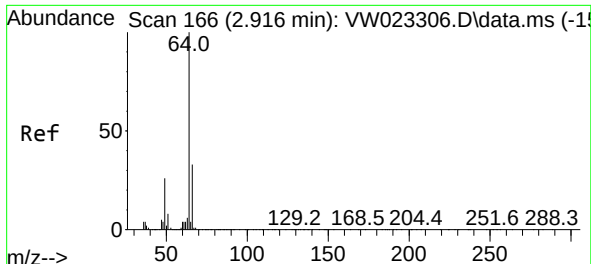
Tgt Ion: 62 Resp: 167389
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.9 46.3



#6
 Bromomethane
 Concen: 17.402 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW023312.D
 Acq: 25 May 2022 11:35

Tgt Ion: 94 Resp: 92042
 Ion Ratio Lower Upper
 94 100
 96 89.4 61.7 114.5

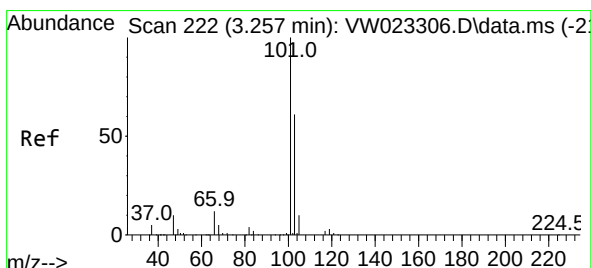
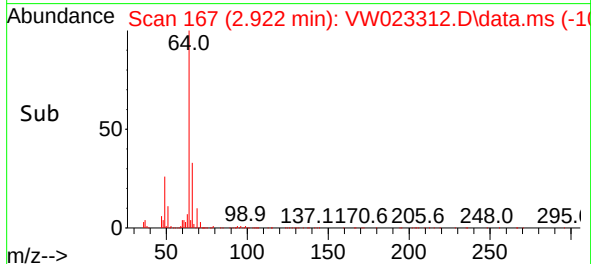
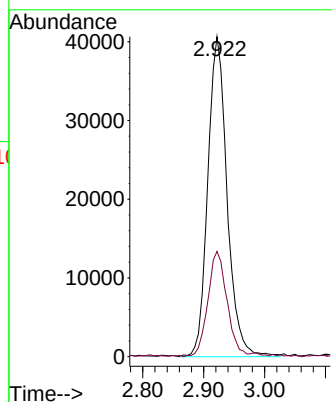
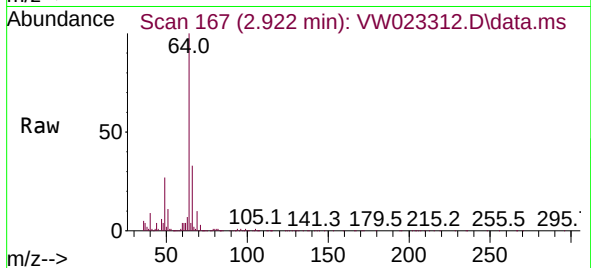




#8
Chloroethane
Concen: 22.569 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

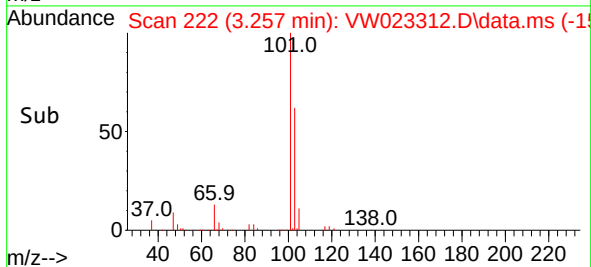
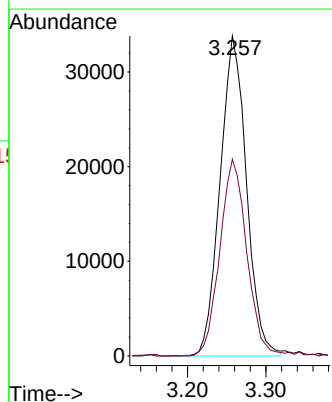
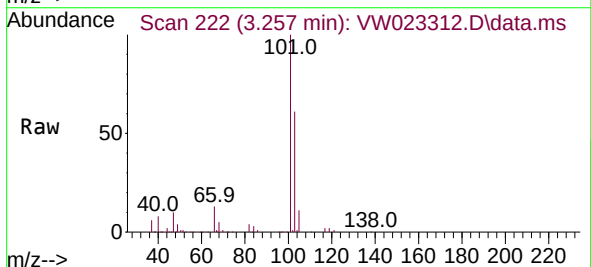
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MSVOA_W
ClientSampleId :
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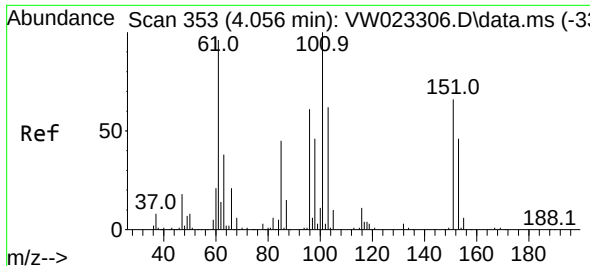
Tgt Ion: 64 Resp: 89672
Ion Ratio Lower Upper
64 100
66 32.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.034 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 101 Resp: 79194
Ion Ratio Lower Upper
101 100
103 62.6 53.9 80.9

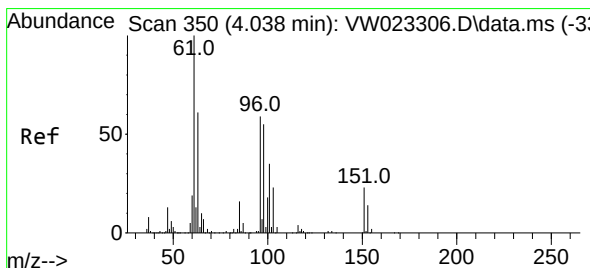
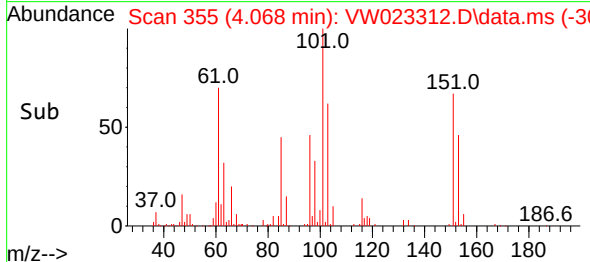
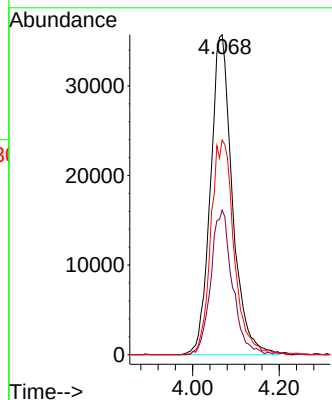
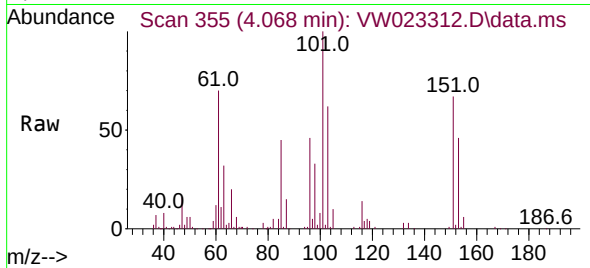




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.348 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW023312.D
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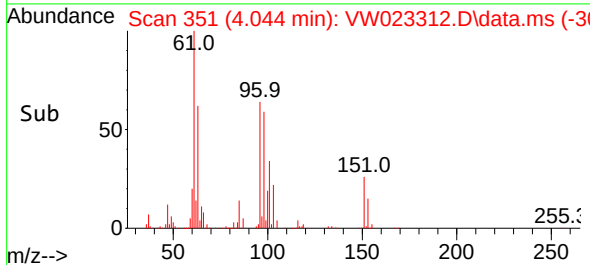
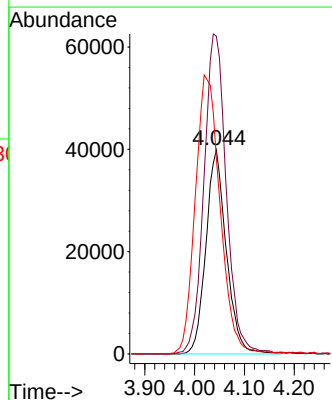
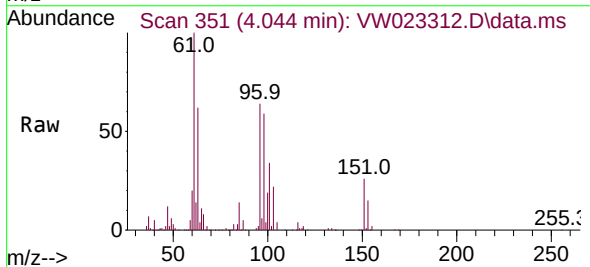
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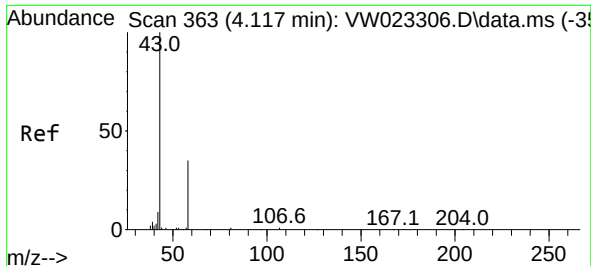
Tgt Ion:101 Resp: 125814
Ion Ratio Lower Upper
101 100
85 44.2 34.3 51.5
151 30.1 54.2 81.2#



#12
1,1-Dichloroethene
Concen: 22.701 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 96 Resp: 113290
Ion Ratio Lower Upper
96 100
61 155.8 125.7 233.5
63 96.1 83.4 155.0

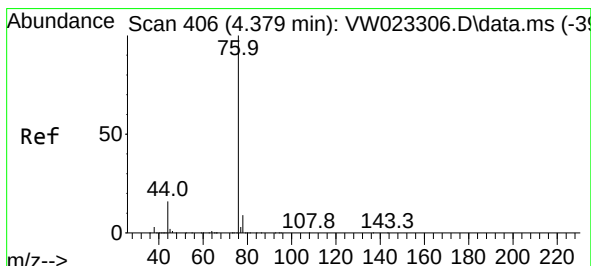
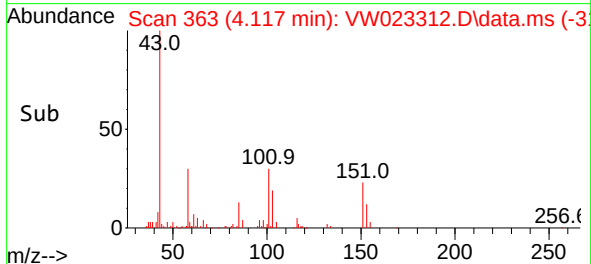
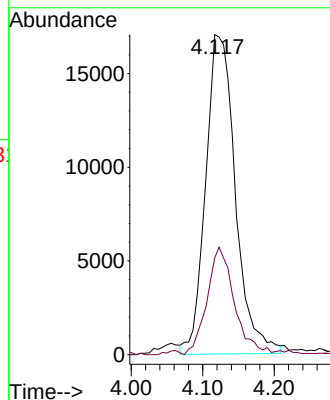
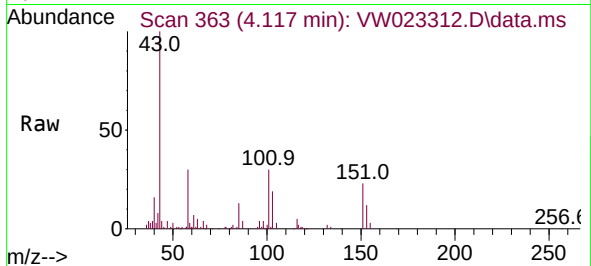




#13
Acetone
Concen: 43.258 ug/L
RT: 4.117 min Scan# 307
Delta R.T. -0.000 min
Lab File: VW023312.D
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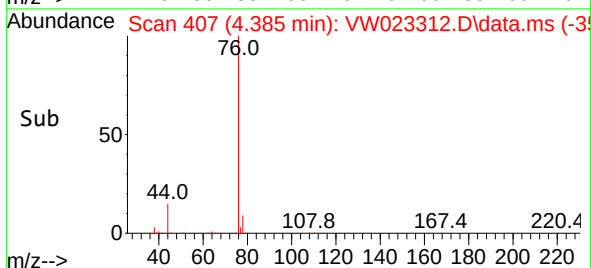
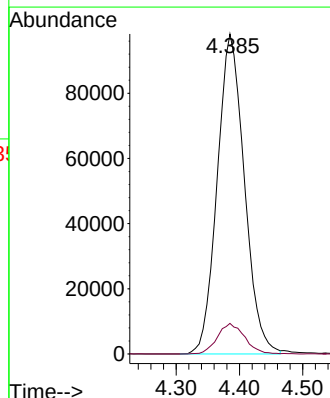
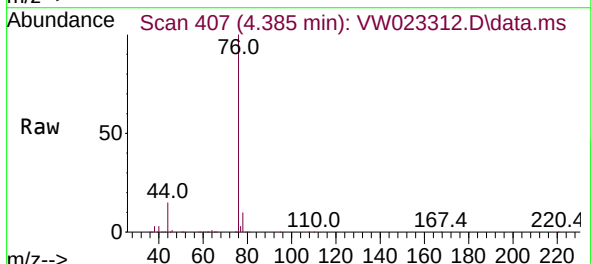
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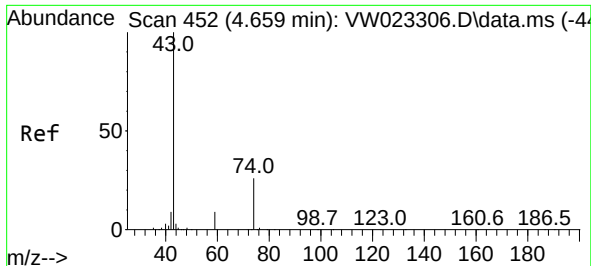
Tgt Ion: 43 Resp: 49227
Ion Ratio Lower Upper
43 100
58 29.5 0.0 64.0



#14
Carbon disulfide
Concen: 21.391 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 292668
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

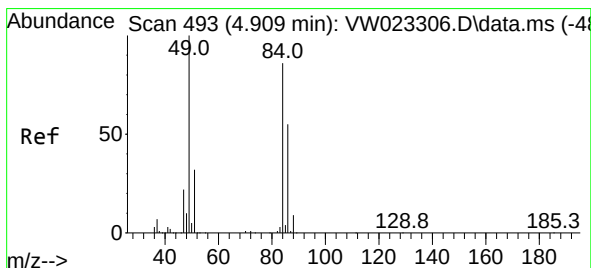
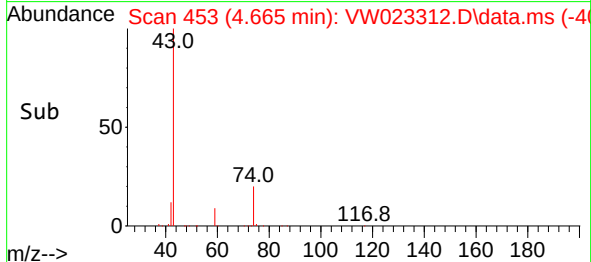
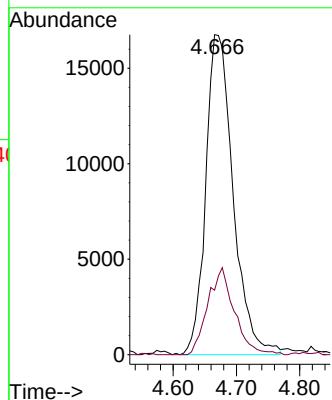
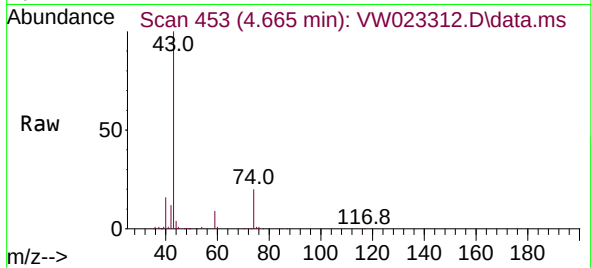




#15
Methyl Acetate
Concen: 22.091 ug/L
RT: 4.665 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

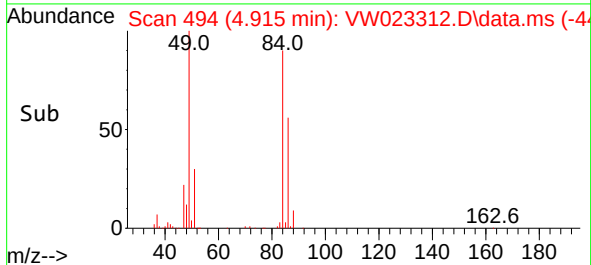
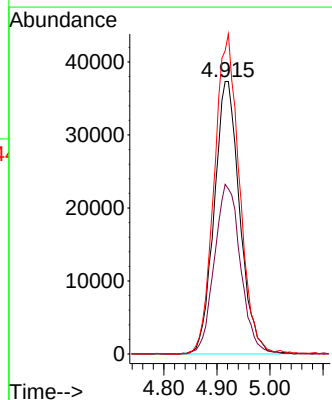
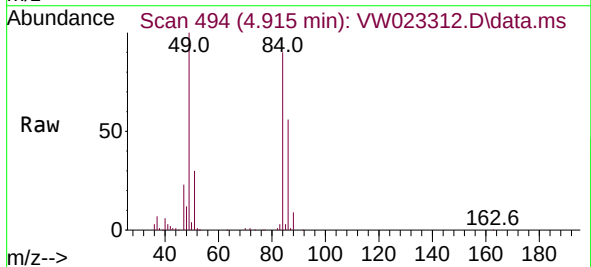
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

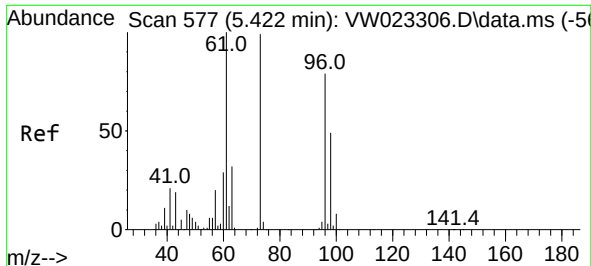
Tgt Ion: 43 Resp: 50504
Ion Ratio Lower Upper
43 100
74 26.2 21.9 32.9



#16
Methylene chloride
Concen: 21.856 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 84 Resp: 124616
Ion Ratio Lower Upper
84 100
86 62.2 45.4 84.4
49 111.3 82.5 153.1

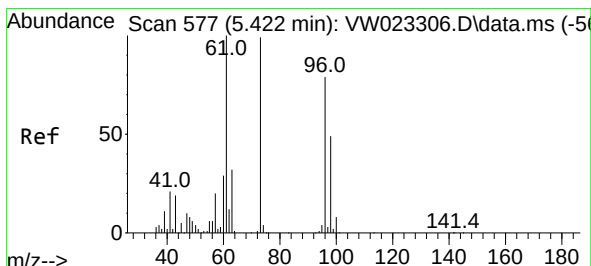
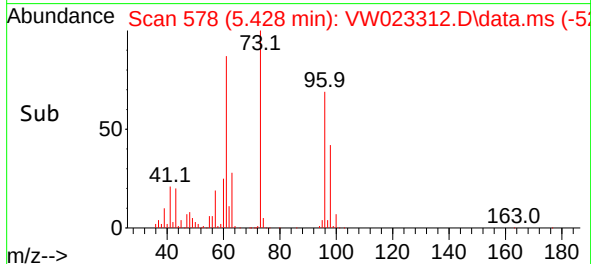
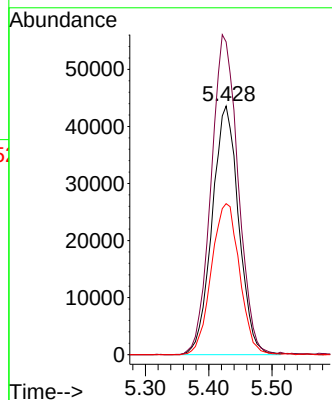
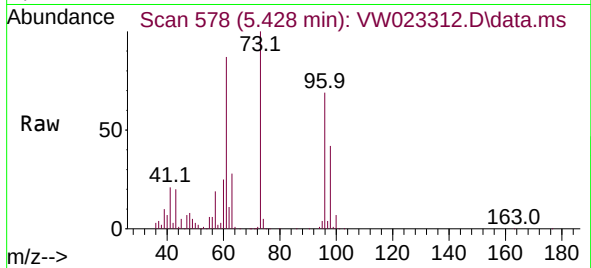




#17
trans-1,2-Dichloroethene
Concen: 22.637 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

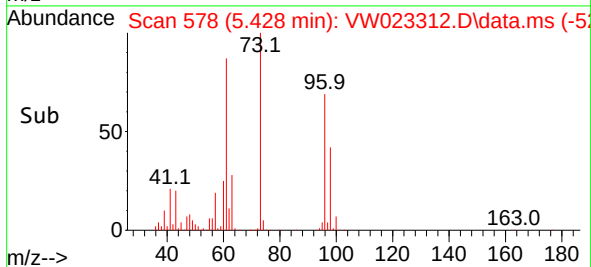
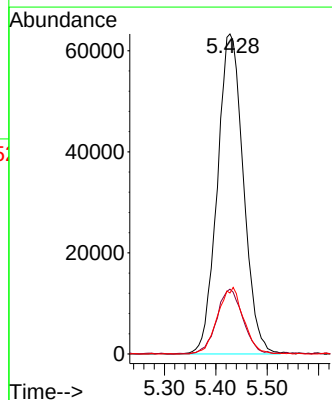
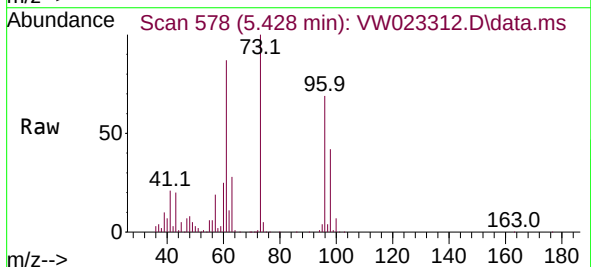
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

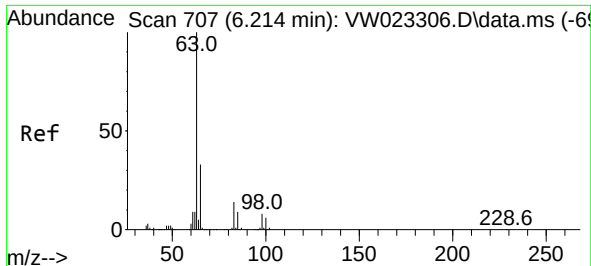
Tgt Ion: 96 Resp: 127134
Ion Ratio Lower Upper
96 100
61 125.8 92.2 171.2
98 60.7 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.036 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 73 Resp: 223215
Ion Ratio Lower Upper
73 100
43 19.9 15.9 23.9
57 20.7 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.777 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

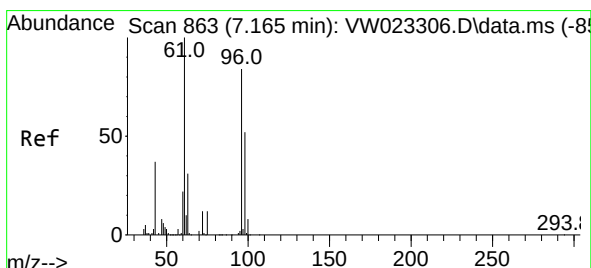
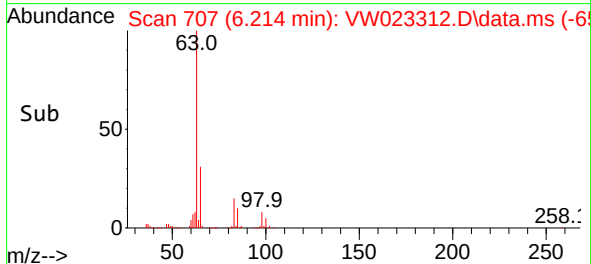
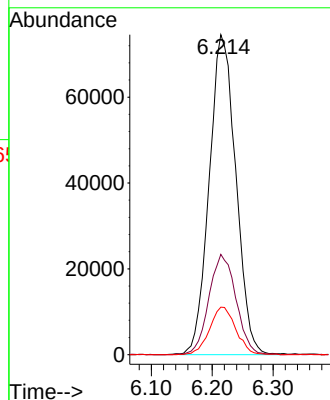
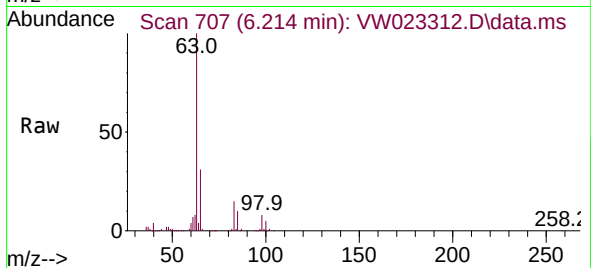
Tgt Ion: 63 Resp: 226317

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: 23.936 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

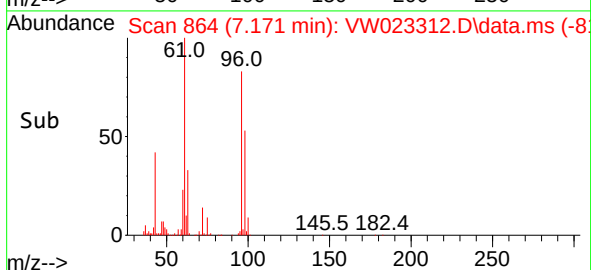
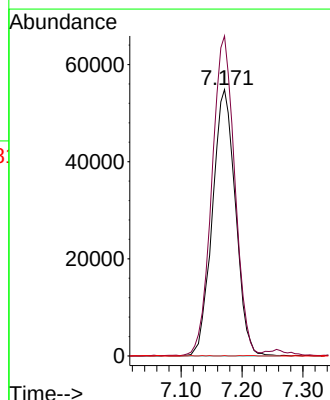
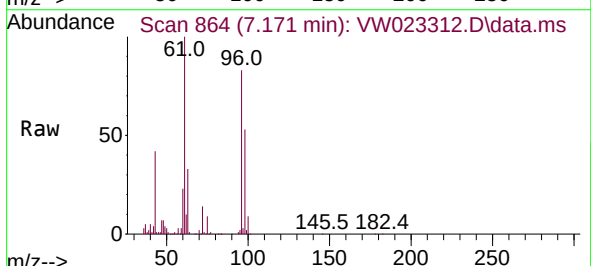
Tgt Ion: 96 Resp: 144388

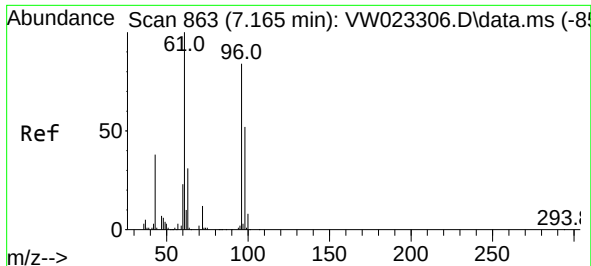
Ion Ratio Lower Upper

96 100

61 120.1 84.2 156.4

68 0.1 0.1 0.1

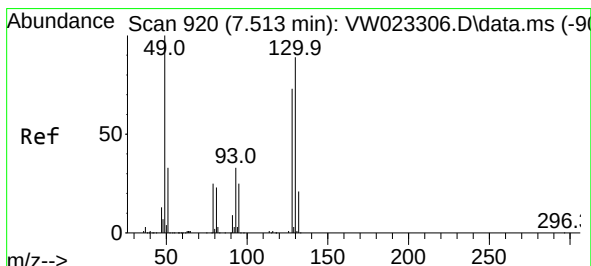
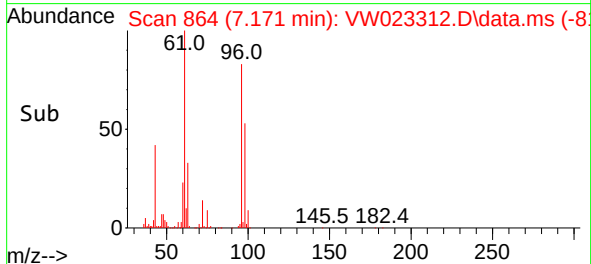
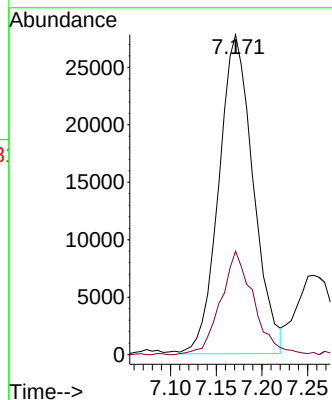
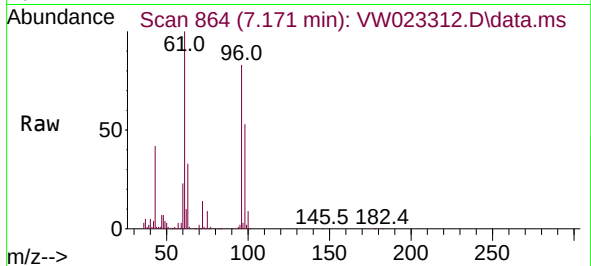




#22
2-Butanone
Concen: 45.711 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

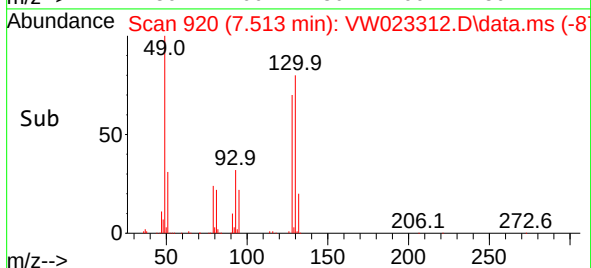
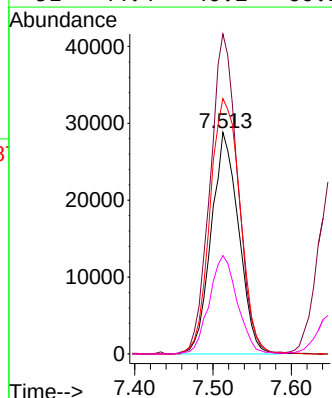
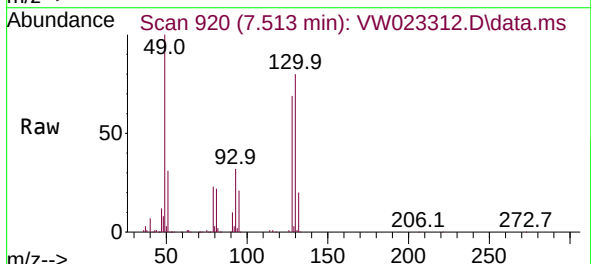
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

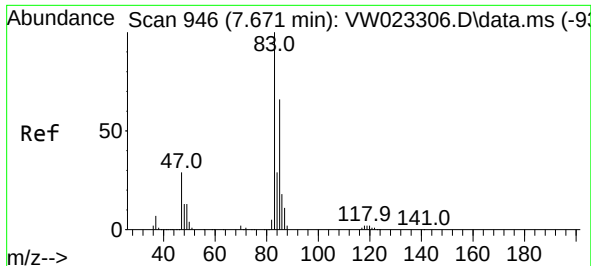
Tgt Ion: 43 Resp: 72748
Ion Ratio Lower Upper
43 100
72 31.1 15.1 45.3



#23
Bromochloromethane
Concen: 24.797 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 128 Resp: 70053
Ion Ratio Lower Upper
128 100
49 144.4 110.0 204.4
130 115.3 94.8 176.0
51 44.4 40.2 60.2

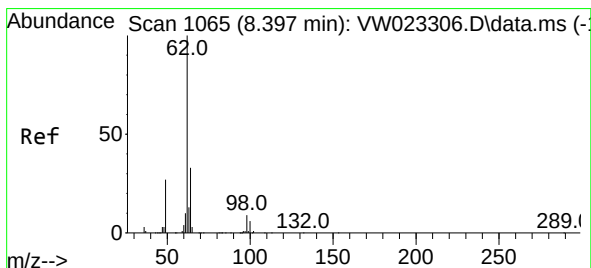
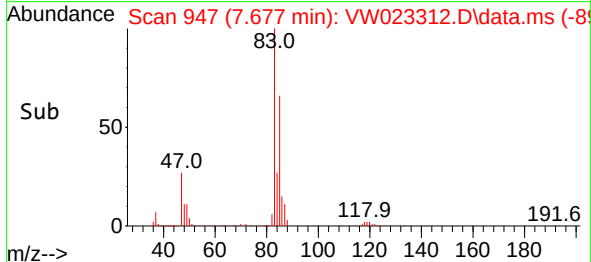
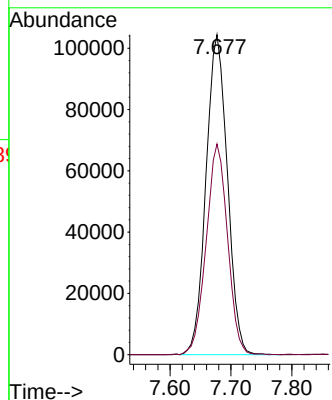
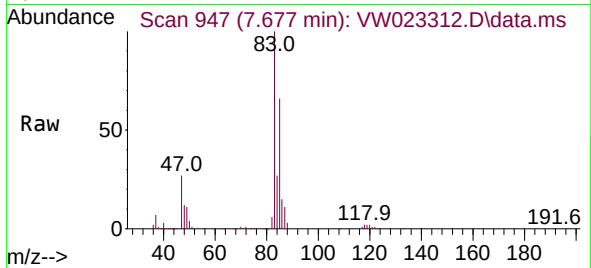




#25
Chloroform
Concen: 24.177 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

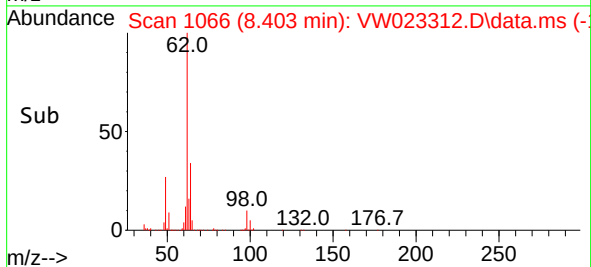
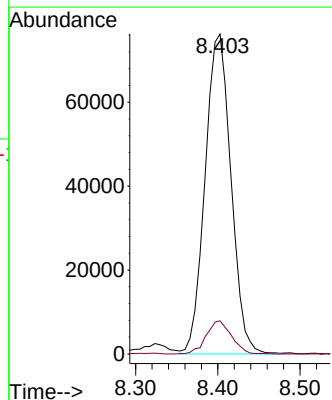
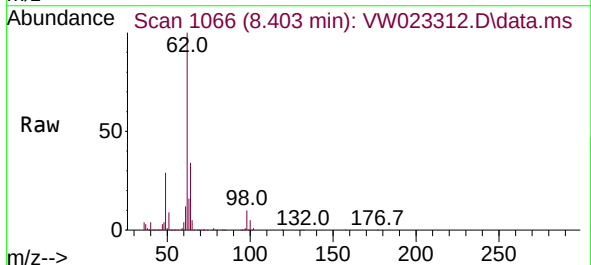
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

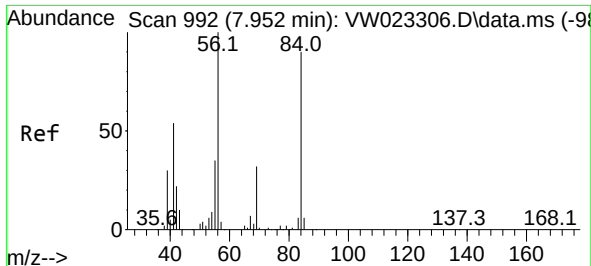
Tgt Ion: 83 Resp: 254465
Ion Ratio Lower Upper
83 100
85 65.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.811 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 62 Resp: 167059
Ion Ratio Lower Upper
62 100
98 10.3 7.2 10.8





#29

Cyclohexane

Concen: 22.269 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

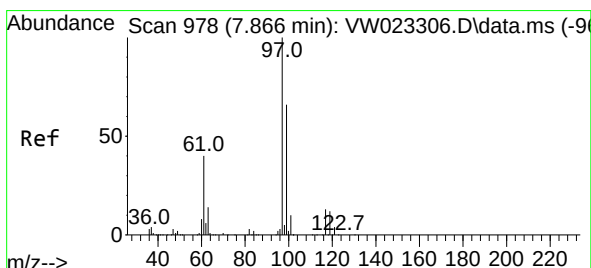
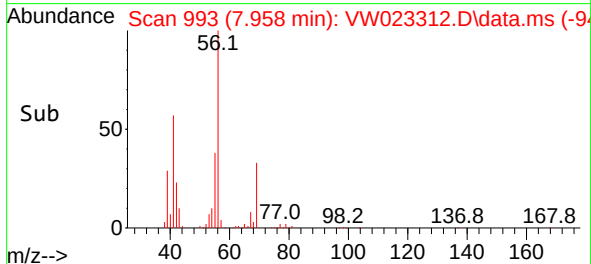
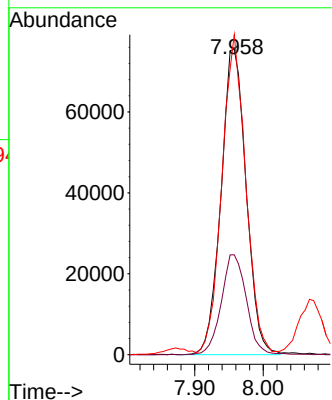
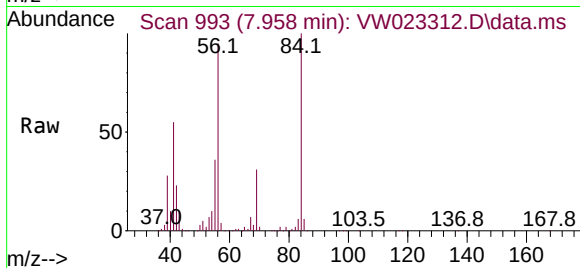
Tgt Ion: 56 Resp: 192396

Ion Ratio Lower Upper

56 100

69 32.5 25.6 38.4

84 99.7 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.311 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

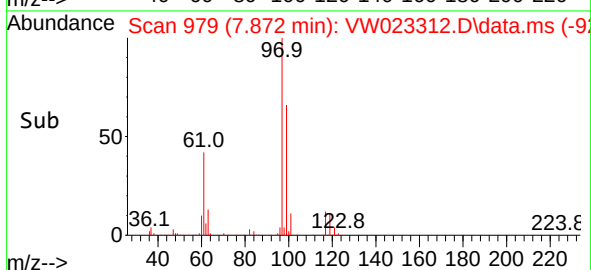
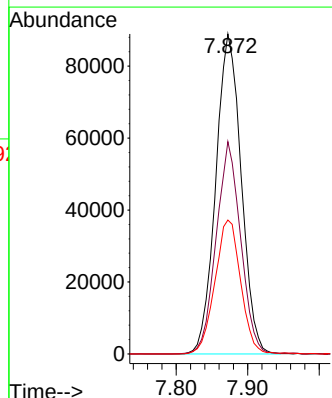
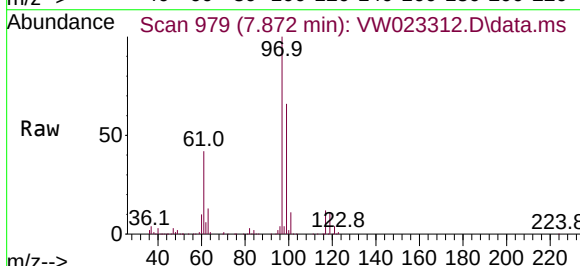
Tgt Ion: 97 Resp: 220065

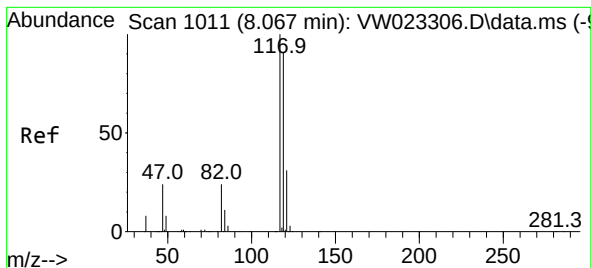
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 42.2 34.8 52.2

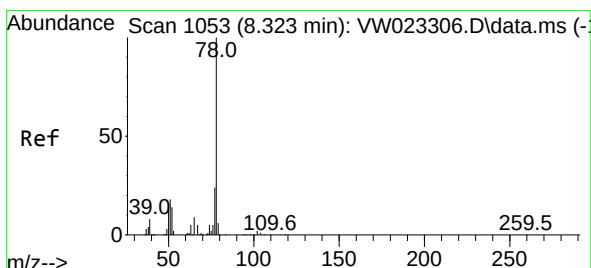
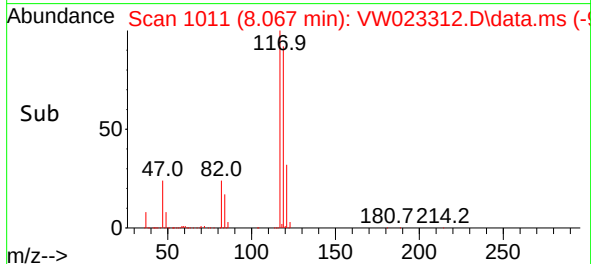
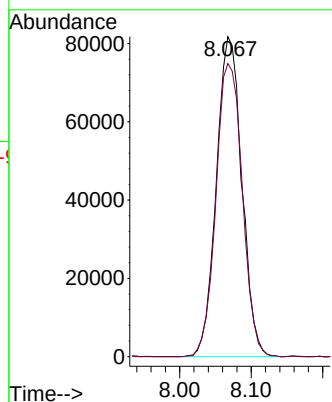
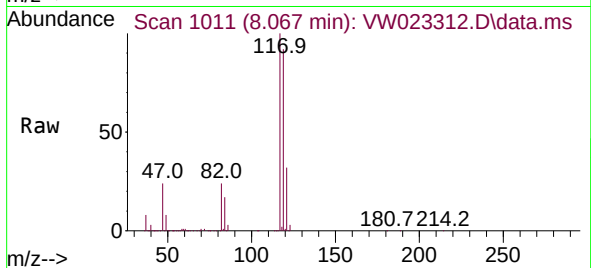




#31
Carbon tetrachloride
Concen: 22.861 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

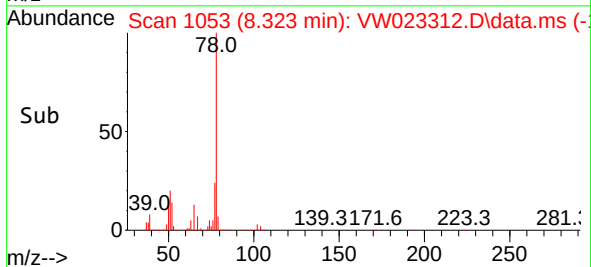
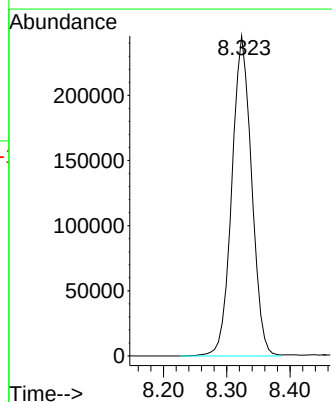
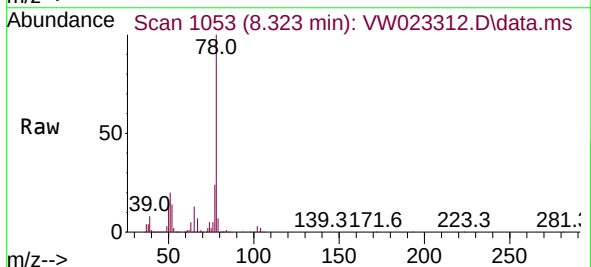
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

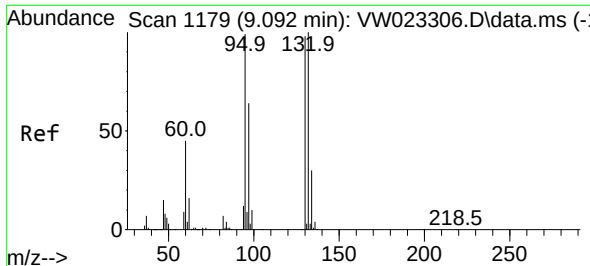
Tgt Ion:117 Resp: 201883
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0



#33
Benzene
Concen: 22.685 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 78 Resp: 533865

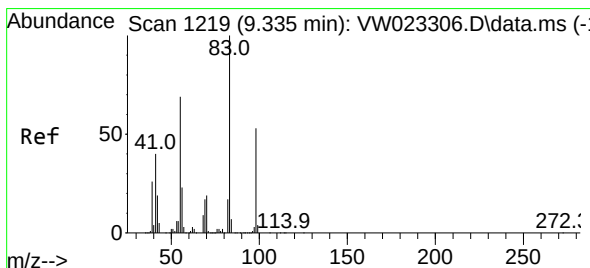
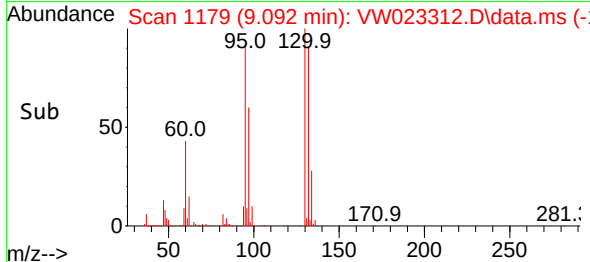
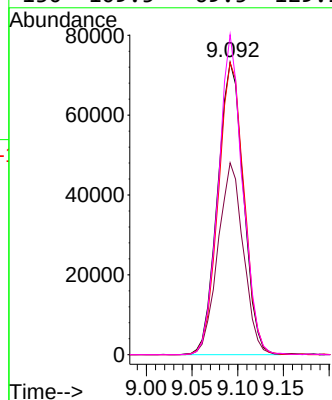
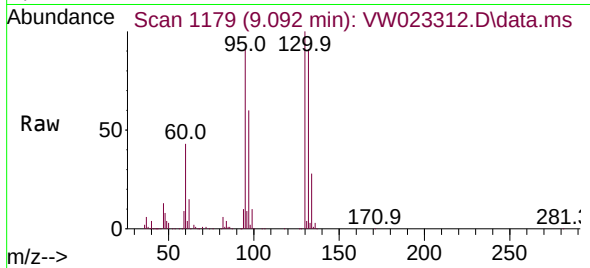




#34
Trichloroethene
Concen: 22.283 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

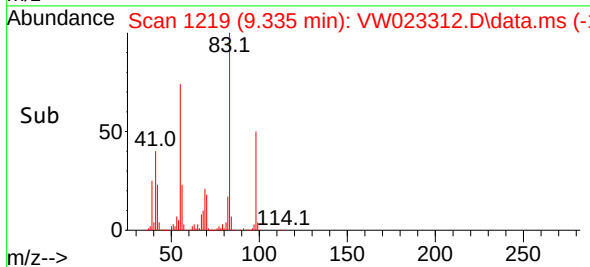
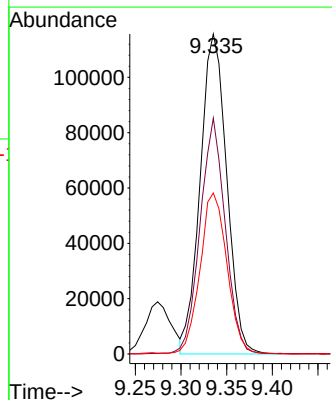
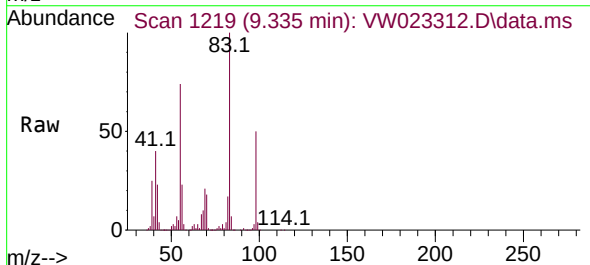
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

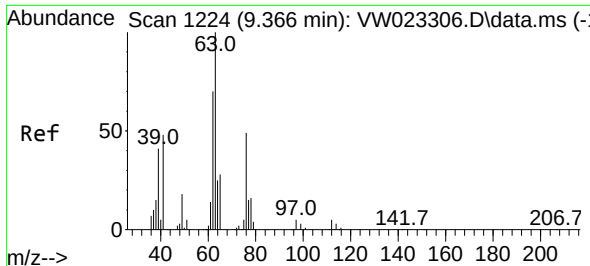
Tgt Ion: 95 Resp: 144221
Ion Ratio Lower Upper
95 100
97 65.7 46.1 85.7
132 99.9 66.9 124.3
130 109.5 69.5 129.1



#35
Methylcyclohexane
Concen: 22.014 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 83 Resp: 234063
Ion Ratio Lower Upper
83 100
55 69.6 55.1 82.7
98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.971 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

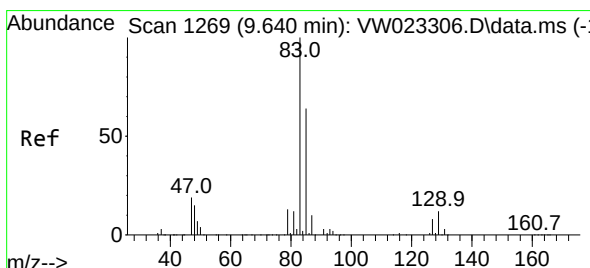
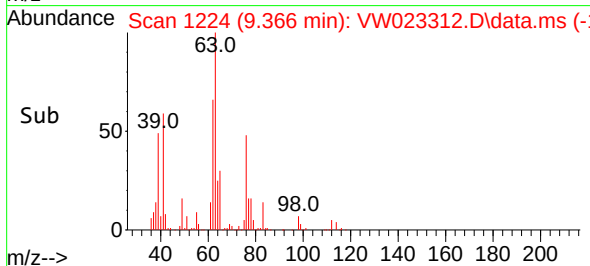
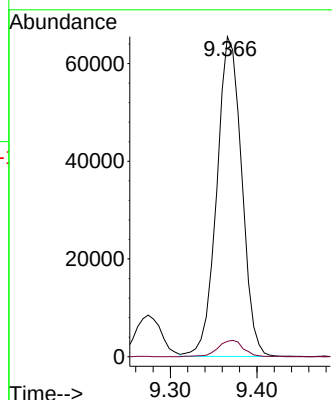
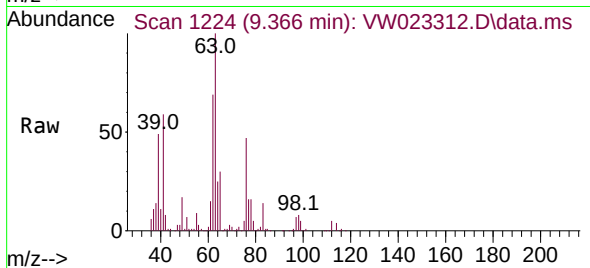
GBGR5MSD

Tgt Ion: 63 Resp: 130823

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 23.009 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

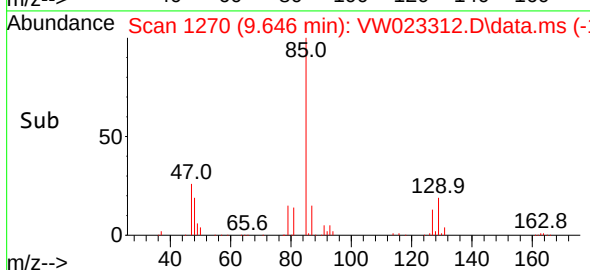
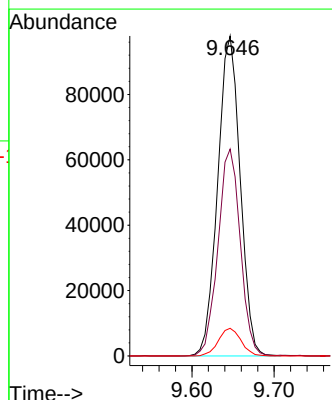
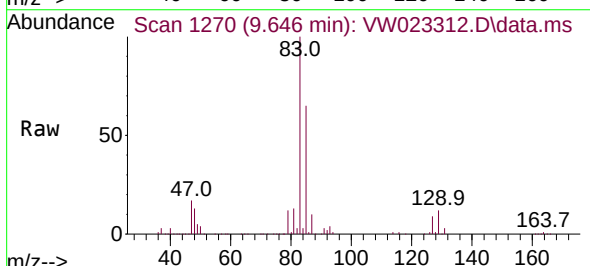
Tgt Ion: 83 Resp: 186123

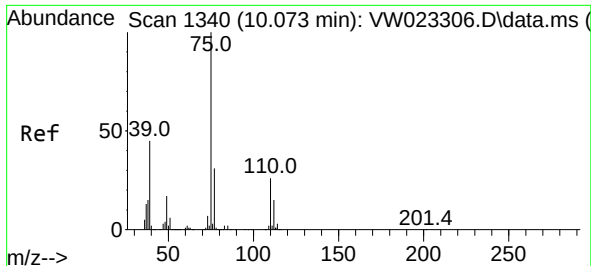
Ion Ratio Lower Upper

83 100

85 64.6 43.5 80.7

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.865 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

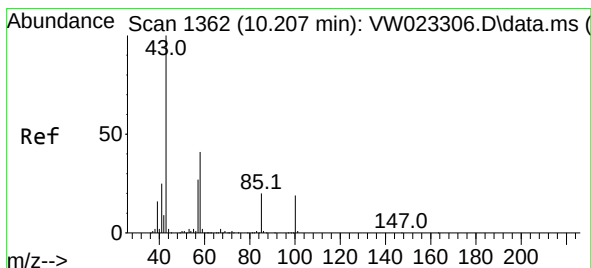
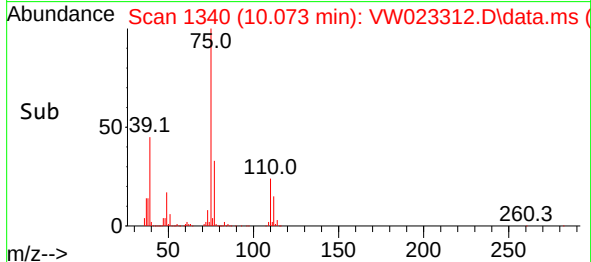
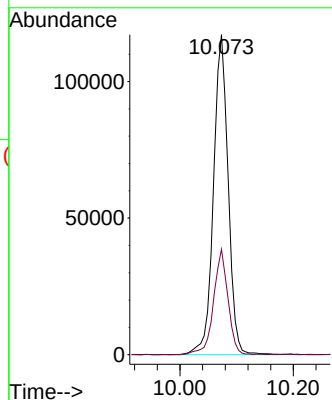
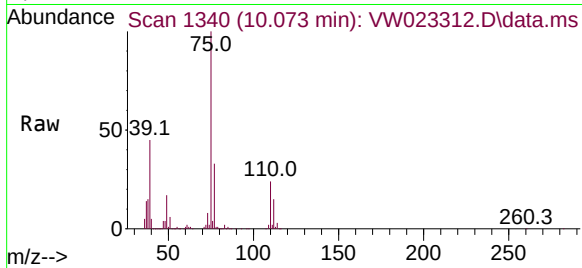
GBGR5MSD

Tgt Ion: 75 Resp: 210748

Ion Ratio Lower Upper

75 100

77 32.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.183 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

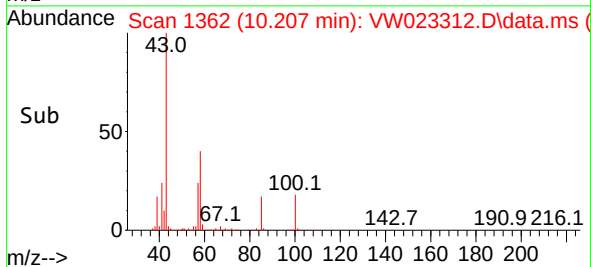
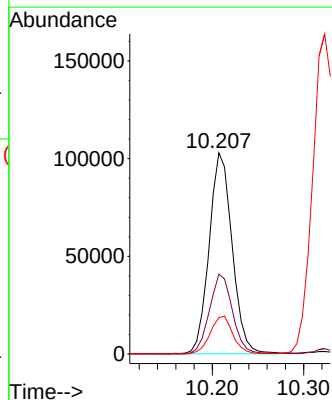
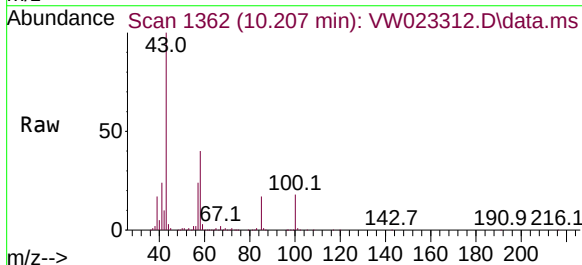
Tgt Ion: 43 Resp: 180137

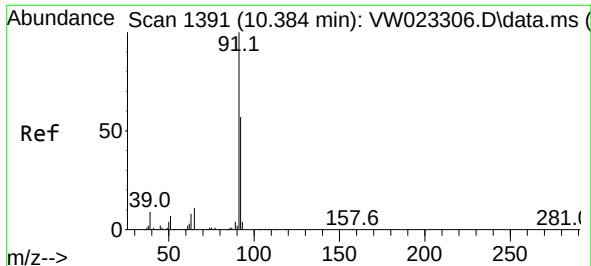
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 18.7 14.2 21.4

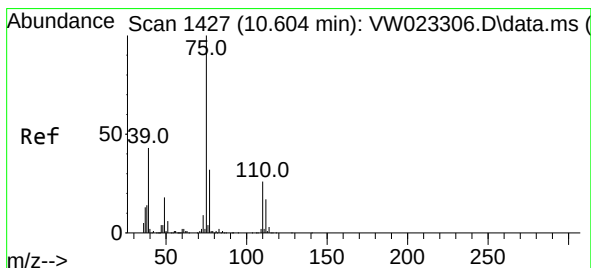
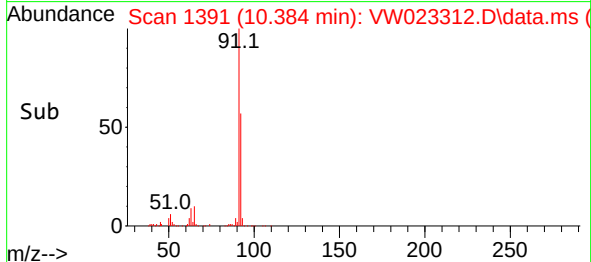
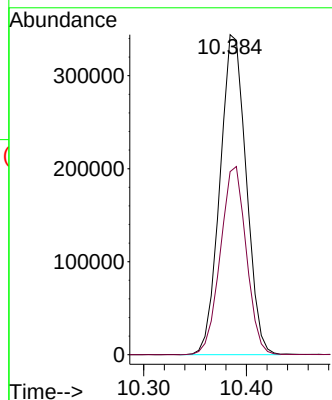
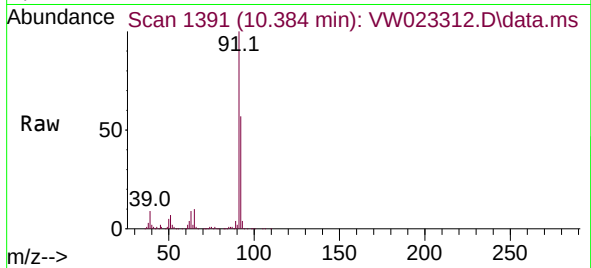




#42
Toluene
Concen: 23.127 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

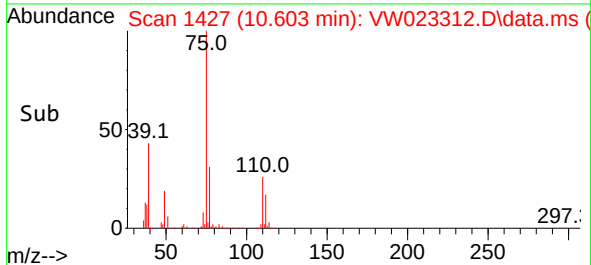
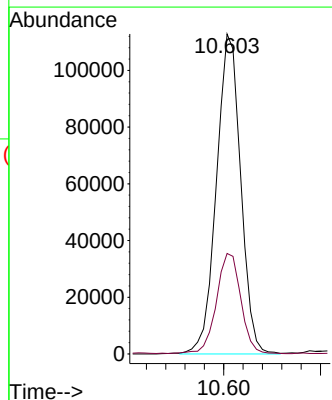
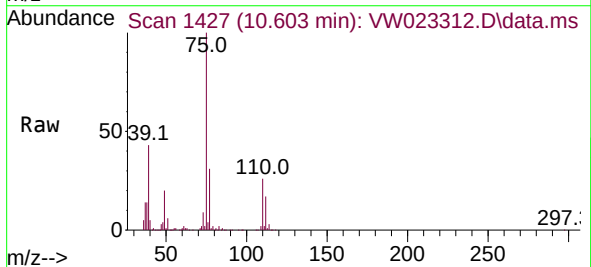
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

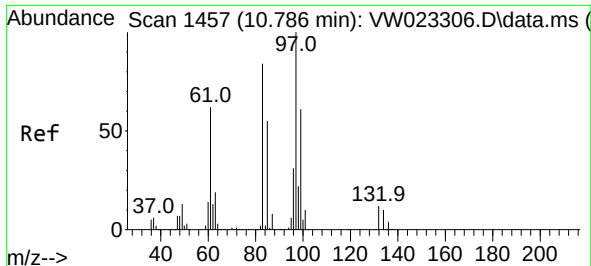
Tgt Ion: 91 Resp: 609970
Ion Ratio Lower Upper
91 100
92 57.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.888 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 75 Resp: 196169
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8

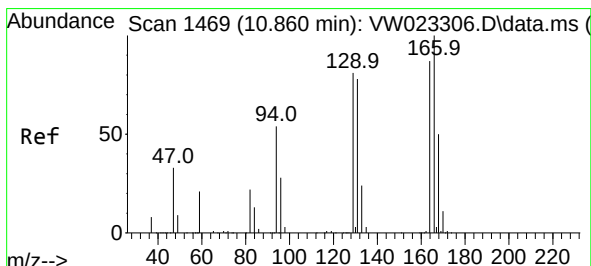
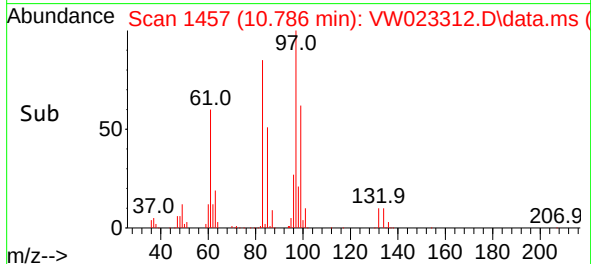
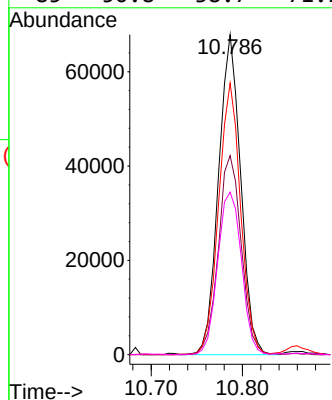
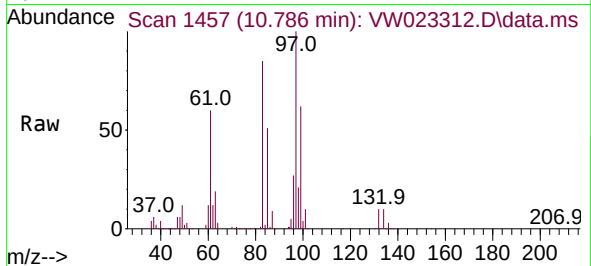




#45
1,1,2-Trichloroethane
Concen: 24.040 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

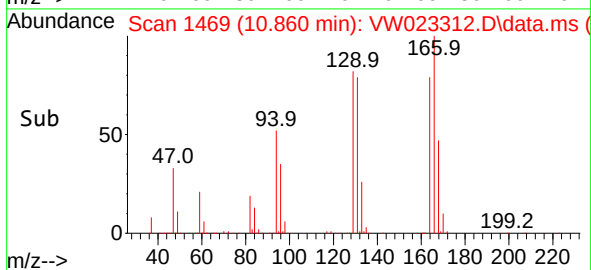
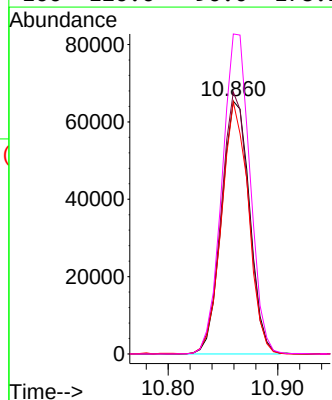
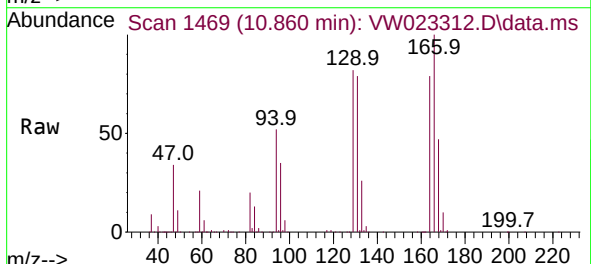
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

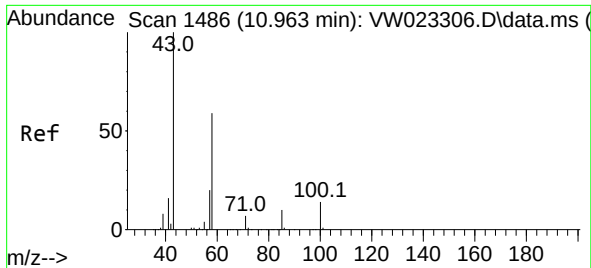
Tgt Ion:	97	Resp:	114452
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.7	82.9
83	84.9	58.4	108.4
85	50.8	38.7	71.9



#46
Tetrachloroethene
Concen: 23.894 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion:	164	Resp:	116217
Ion	Ratio	Lower	Upper
164	100		
129	103.6	76.9	142.7
131	99.7	75.1	139.5
166	126.6	96.0	178.2

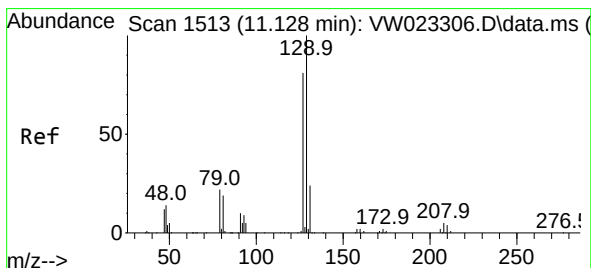
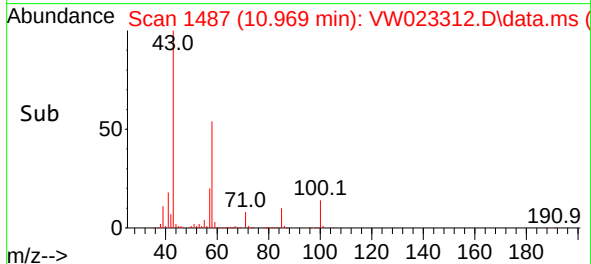
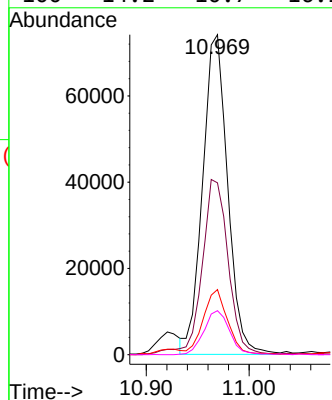
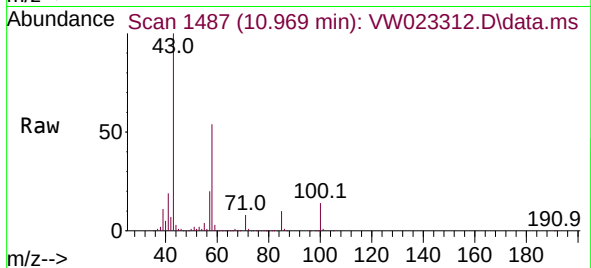




#48
2-Hexanone
Concen: 52.320 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

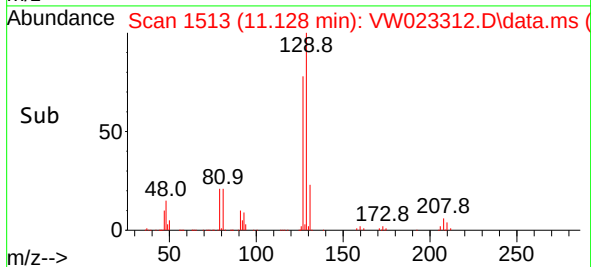
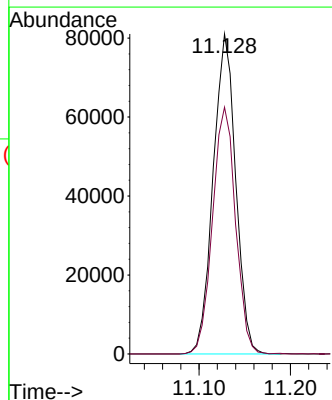
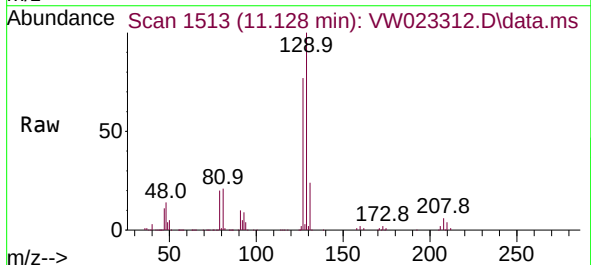
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

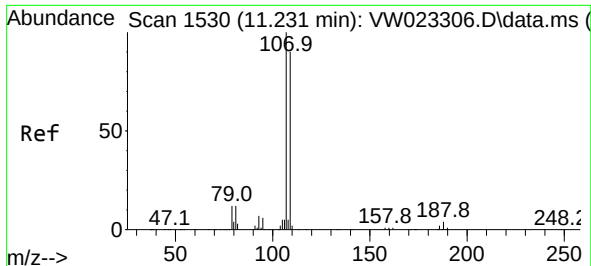
Tgt Ion: 43 Resp: 125487
Ion Ratio Lower Upper
43 100
58 57.5 45.9 68.9
57 20.0 16.2 24.2
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 24.223 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 129 Resp: 138796
Ion Ratio Lower Upper
129 100
127 77.1 53.8 100.0





#50

1,2-Dibromoethane

Concen: 23.733 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

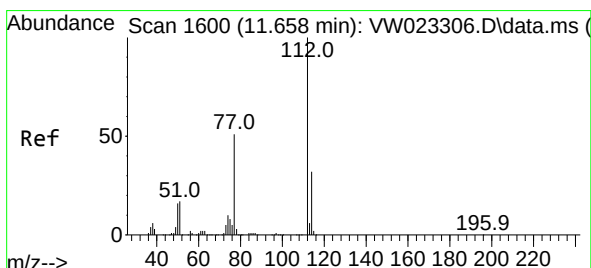
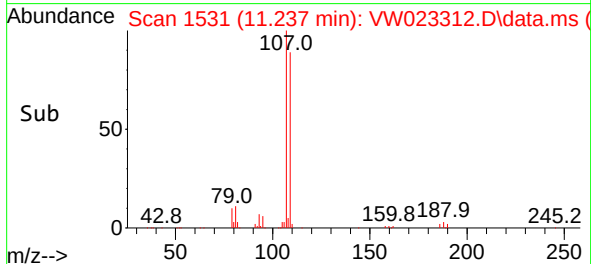
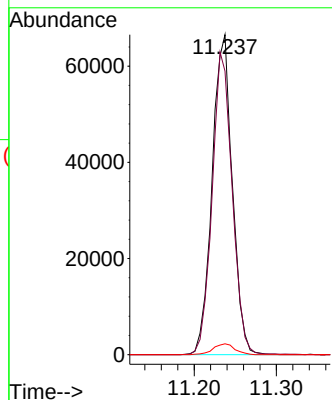
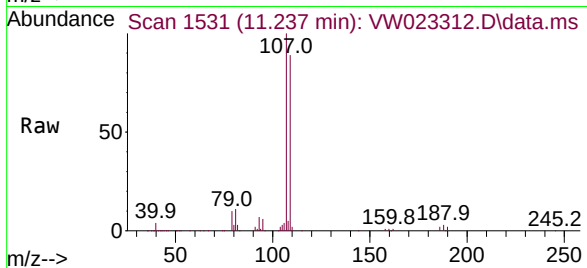
Tgt Ion:107 Resp: 113457

Ion Ratio Lower Upper

107 100

109 88.6 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 23.438 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

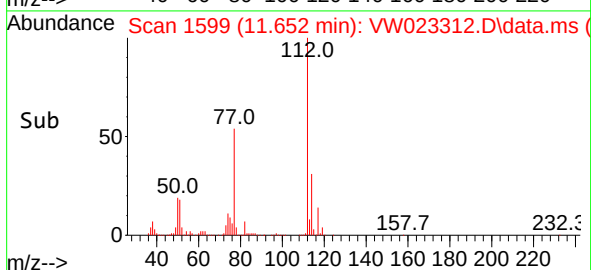
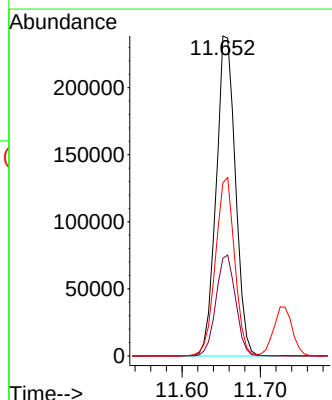
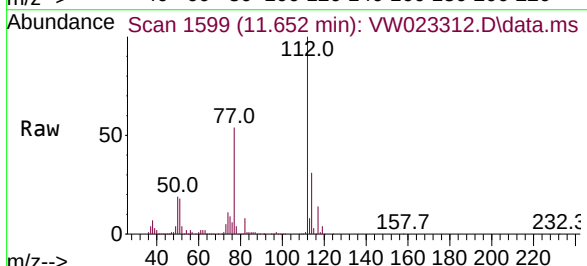
Tgt Ion:112 Resp: 407526

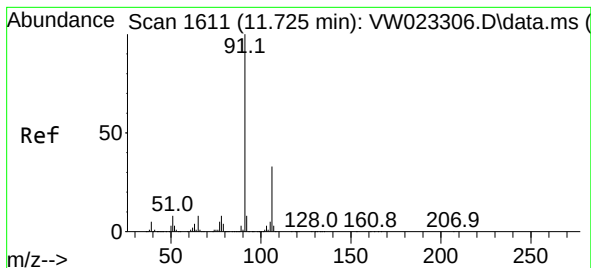
Ion Ratio Lower Upper

112 100

114 30.6 22.0 41.0

77 54.1 42.6 63.8

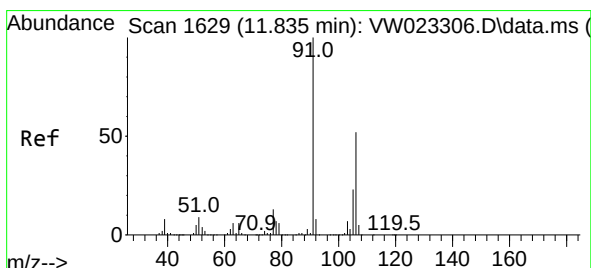
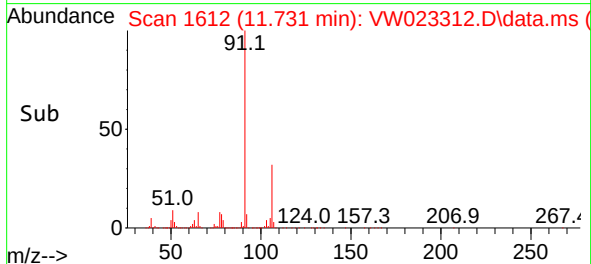
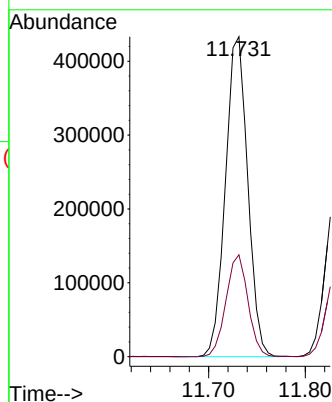
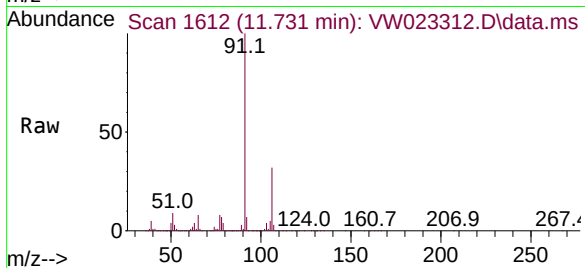




#52
Ethylbenzene
Concen: 23.646 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

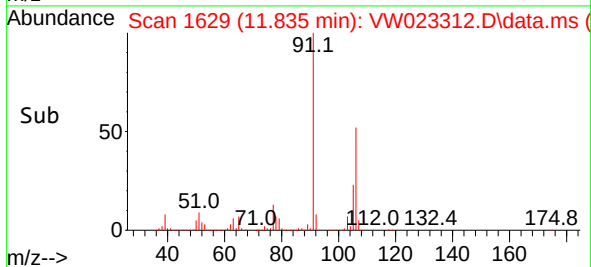
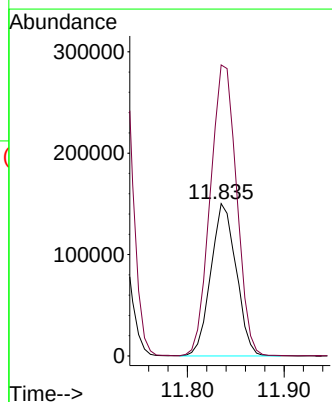
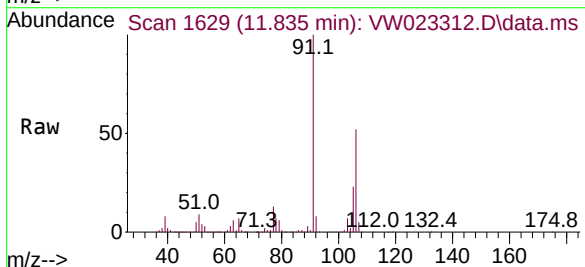
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

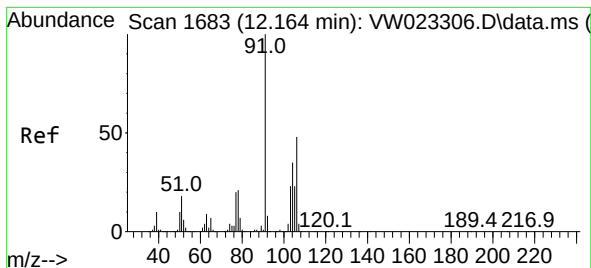
Tgt Ion: 91 Resp: 693815
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3



#53
m,p-Xylene
Concen: 23.714 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion: 106 Resp: 274169
Ion Ratio Lower Upper
106 100
91 191.0 136.8 254.0

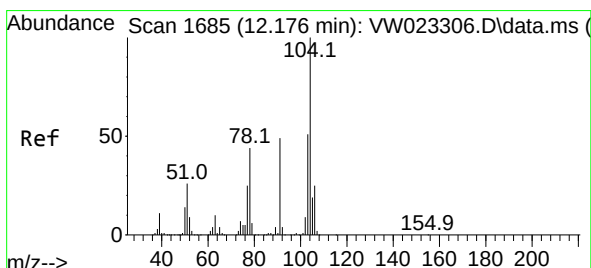
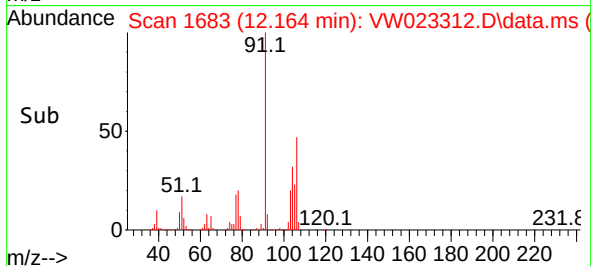
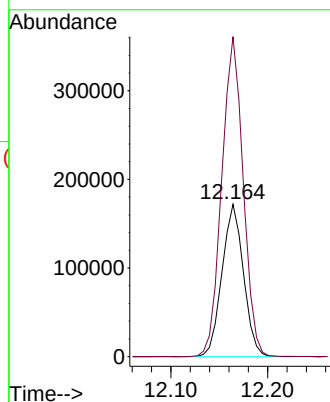
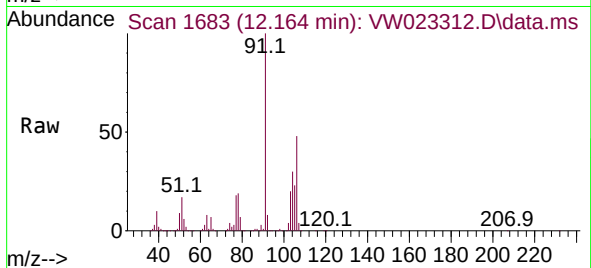




#54
o-Xylene
Concen: 23.861 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

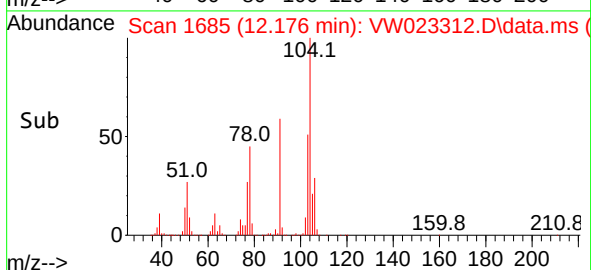
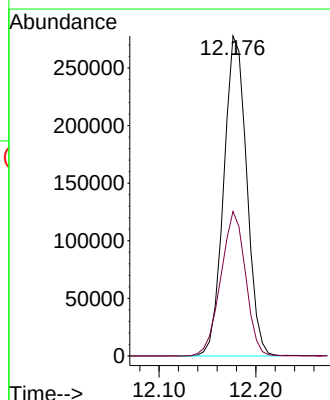
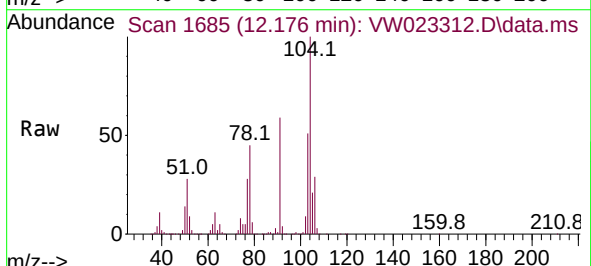
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

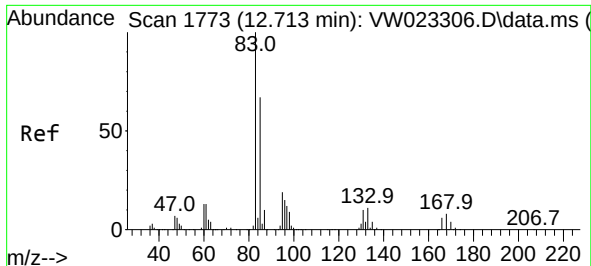
Tgt Ion:106 Resp: 264727
Ion Ratio Lower Upper
106 100
91 210.1 147.2 273.4



#55
Styrene
Concen: 24.247 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion:104 Resp: 457101
Ion Ratio Lower Upper
104 100
78 45.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.881 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

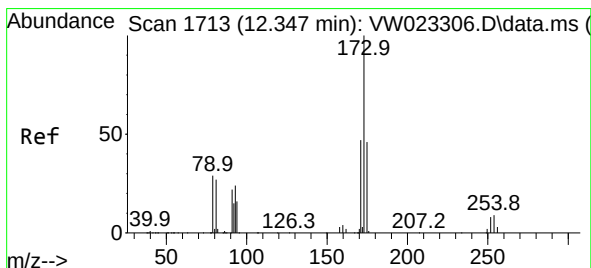
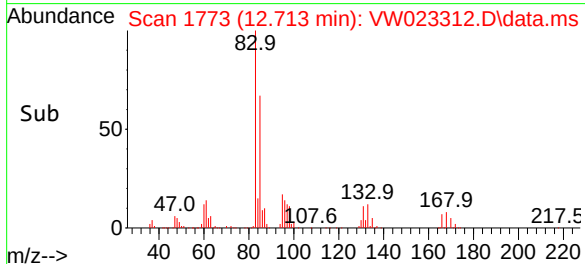
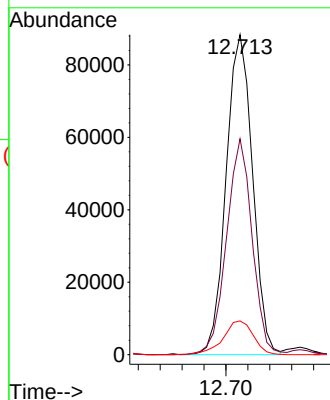
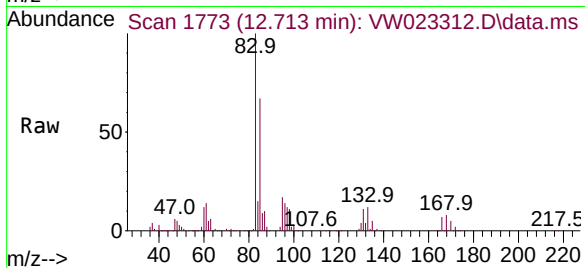
Tgt Ion: 83 Resp: 147957

Ion Ratio Lower Upper

83 100

85 67.5 47.5 88.1

131 10.5 8.7 13.1



#59

Bromoform

Concen: 23.598 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

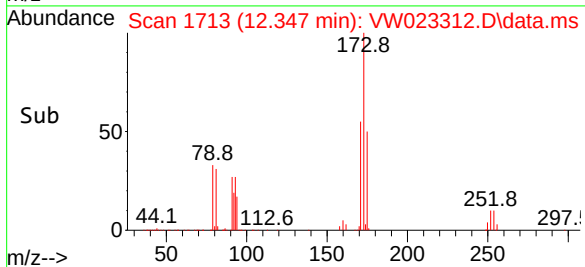
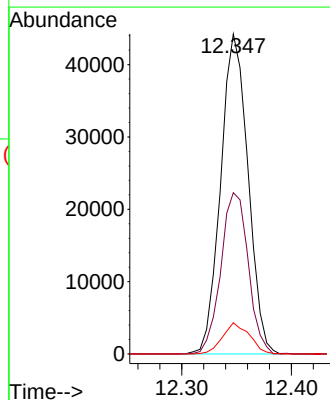
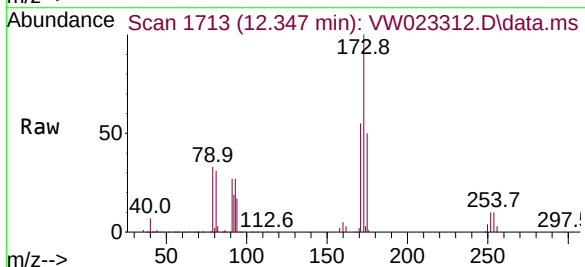
Tgt Ion:173 Resp: 76613

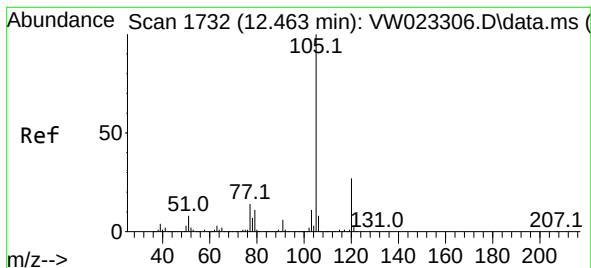
Ion Ratio Lower Upper

173 100

175 50.4 38.1 57.1

254 9.6 6.5 9.7





#60

Isopropylbenzene

Concen: 22.895 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

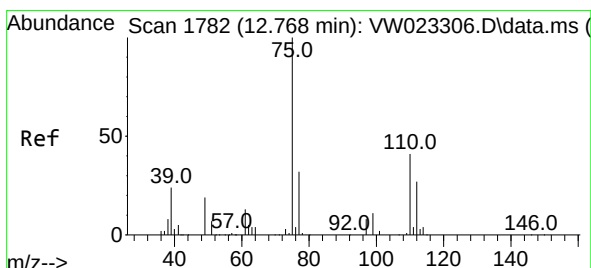
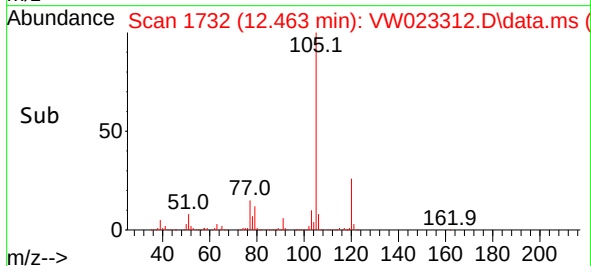
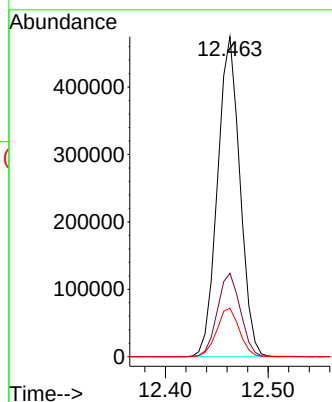
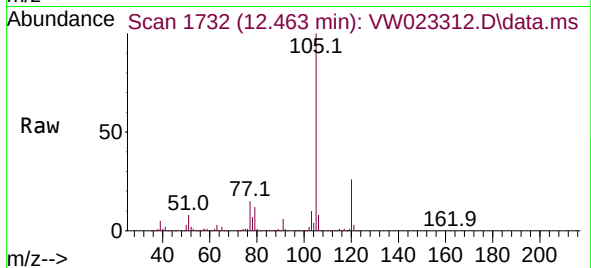
Tgt Ion:105 Resp: 718534

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.151 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

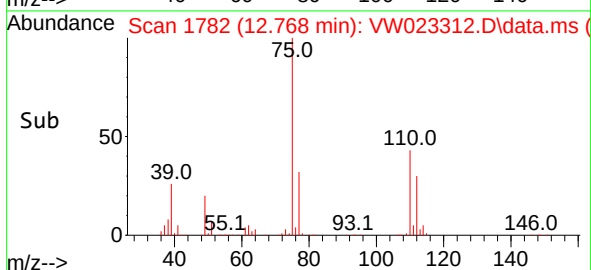
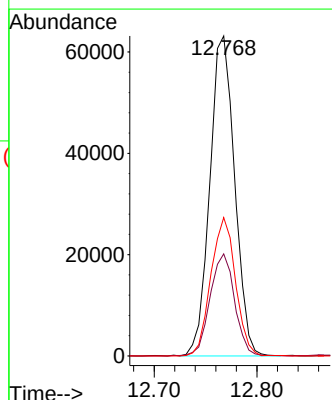
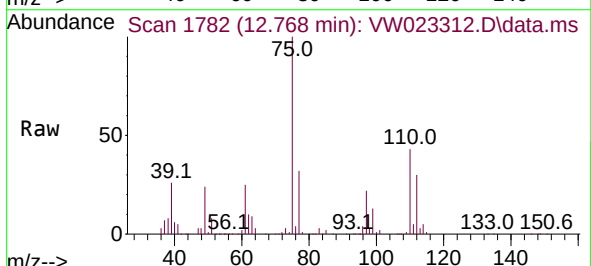
Tgt Ion: 75 Resp: 105973

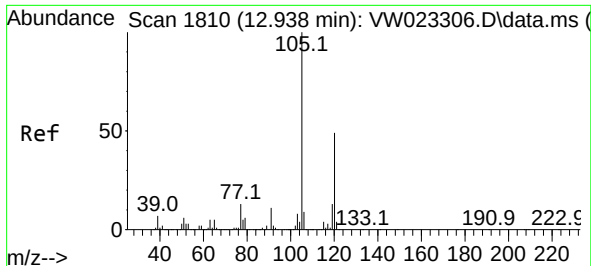
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

110 42.8 34.1 51.1

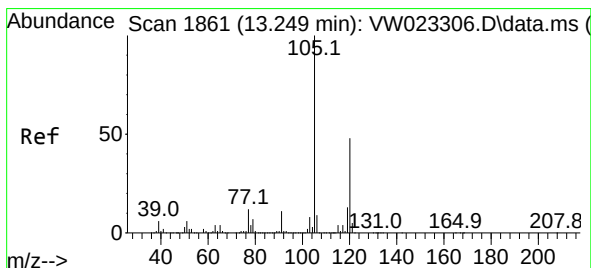
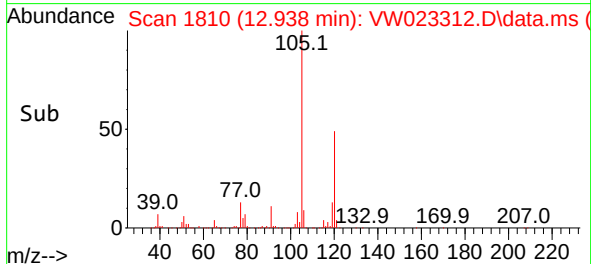
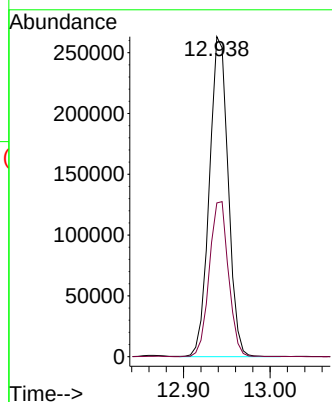
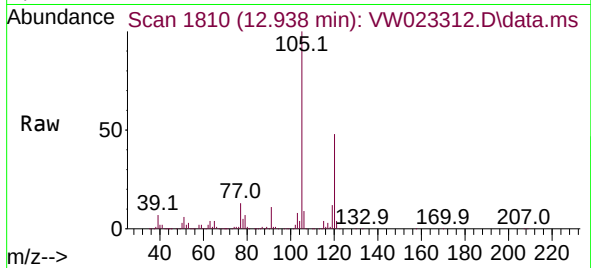




#62
1,3,5-Trimethylbenzene
Concen: 22.735 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

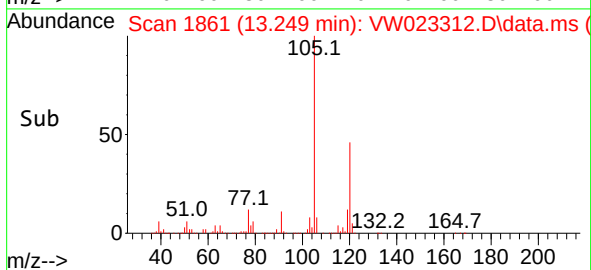
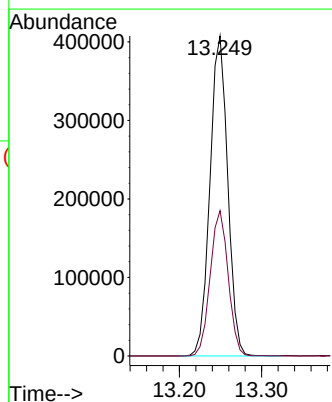
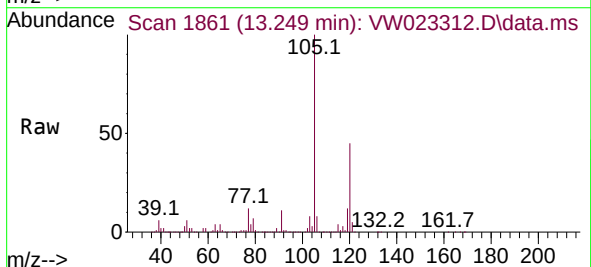
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

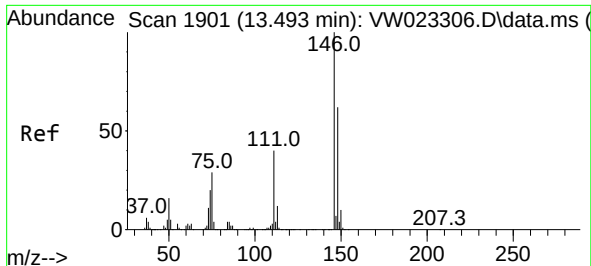
Tgt Ion:105 Resp: 396959
Ion Ratio Lower Upper
105 100
120 49.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 23.292 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion:105 Resp: 610645
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.2

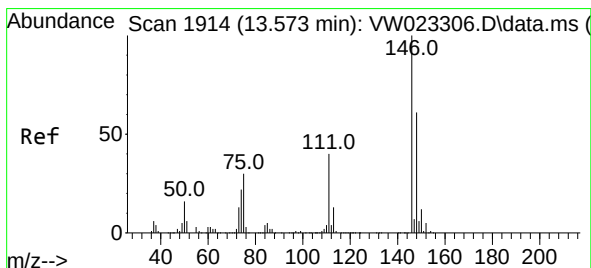
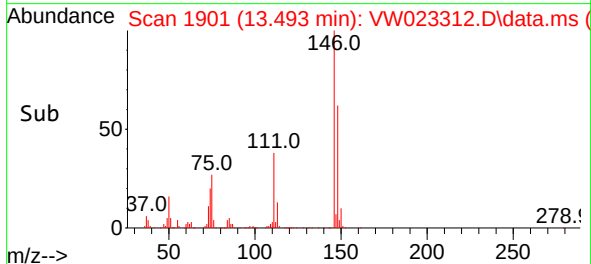
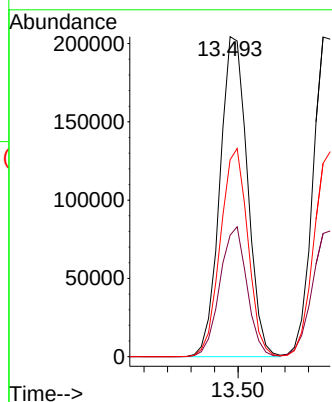
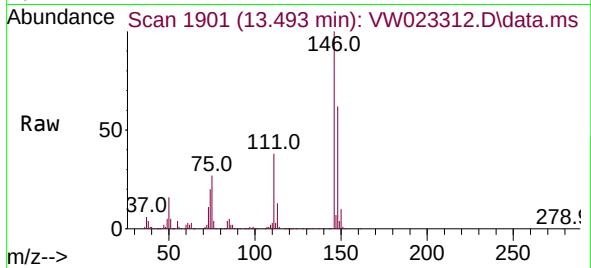




#64
1,3-Dichlorobenzene
Concen: 23.748 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

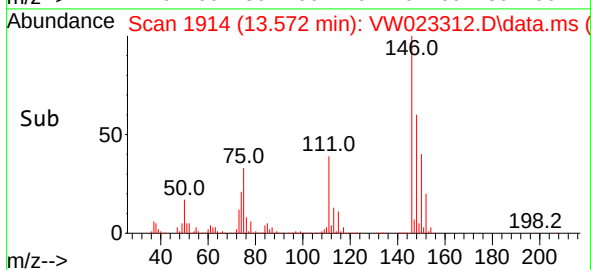
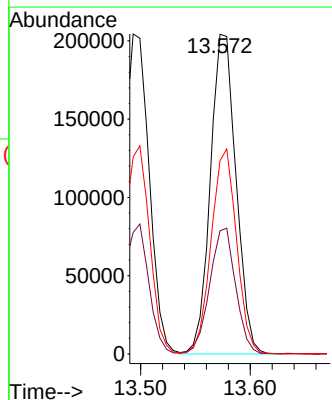
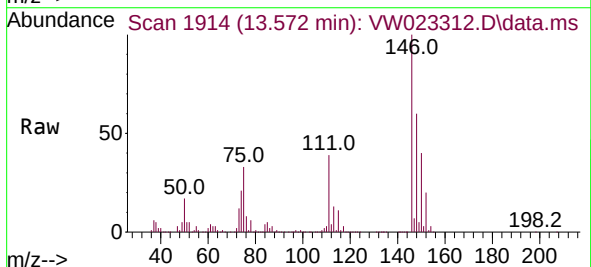
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MSD

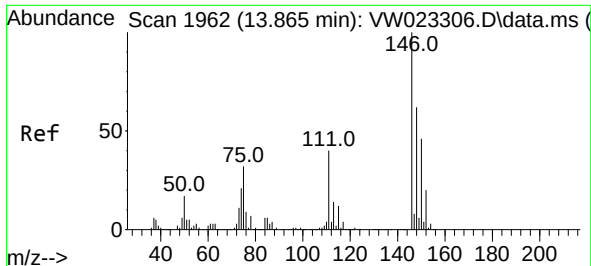
Tgt Ion:146 Resp: 332769
Ion Ratio Lower Upper
146 100
111 38.0 29.5 54.9
148 61.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.976 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW023312.D
Acq: 25 May 2022 11:35

Tgt Ion:146 Resp: 332537
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 60.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.137 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

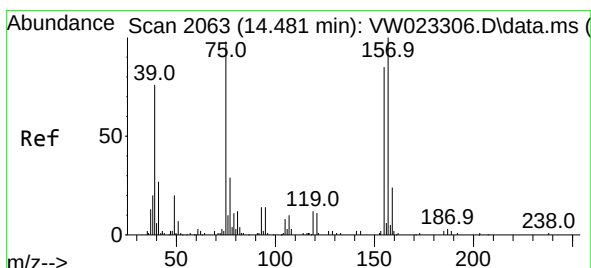
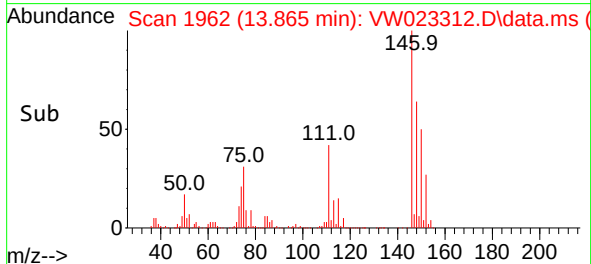
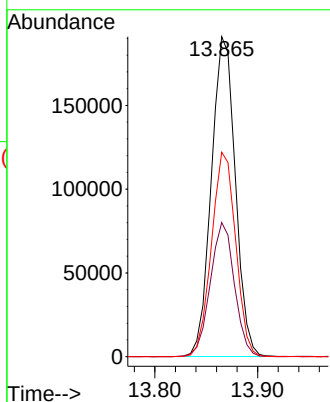
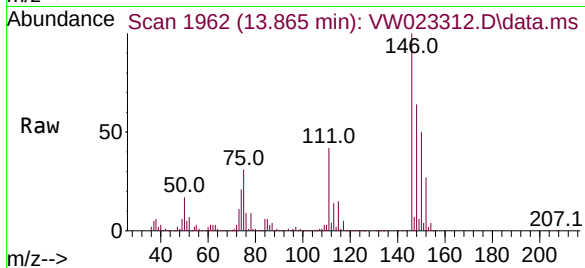
Tgt Ion:146 Resp: 309493

Ion Ratio Lower Upper

146 100

111 41.9 35.7 53.5

148 63.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.105 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

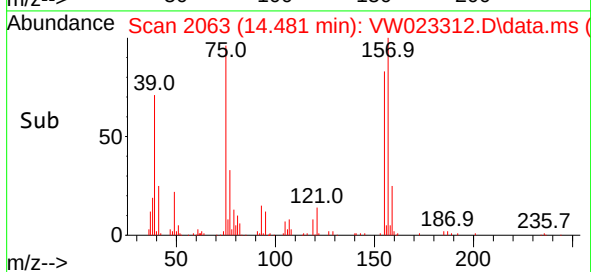
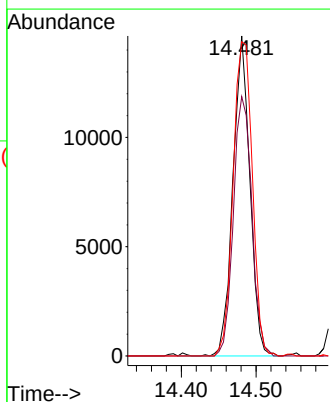
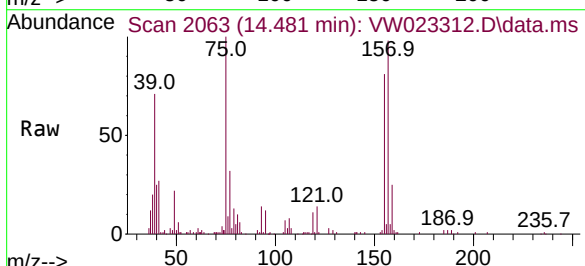
Tgt Ion: 75 Resp: 23114

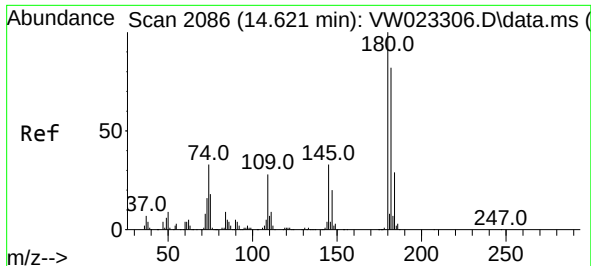
Ion Ratio Lower Upper

75 100

155 81.1 59.3 88.9

157 98.2 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 23.114 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

Tgt Ion:180 Resp: 214986

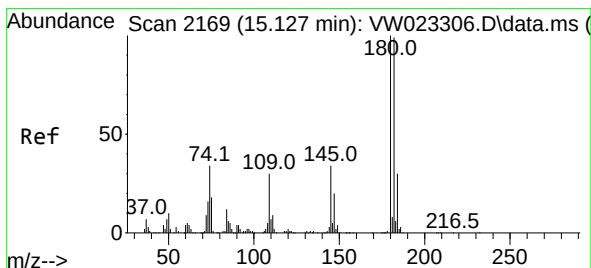
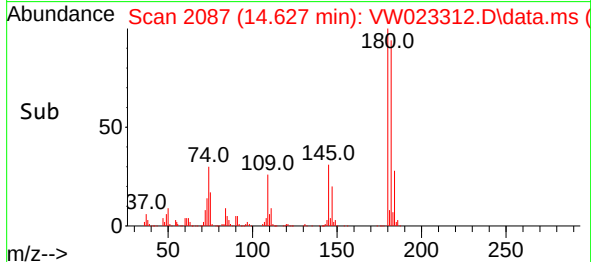
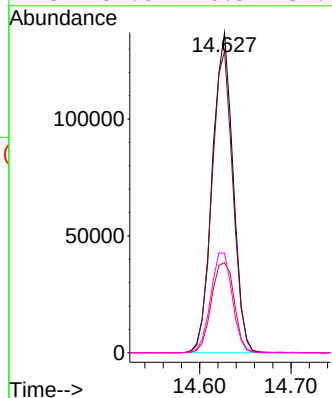
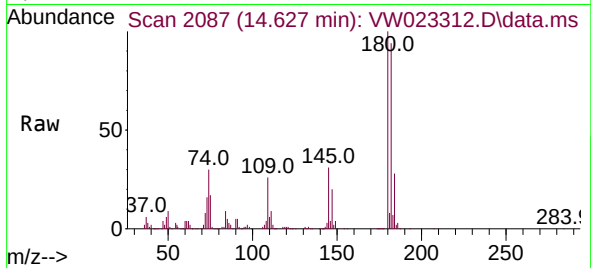
Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

184 31.0 23.4 35.2

145 32.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.725 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

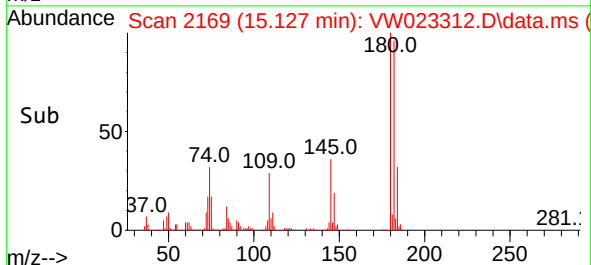
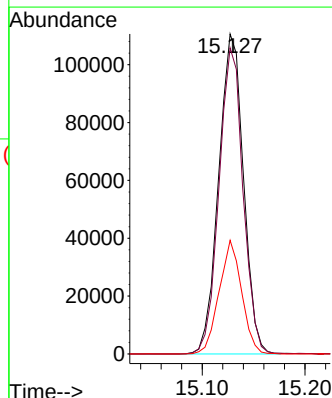
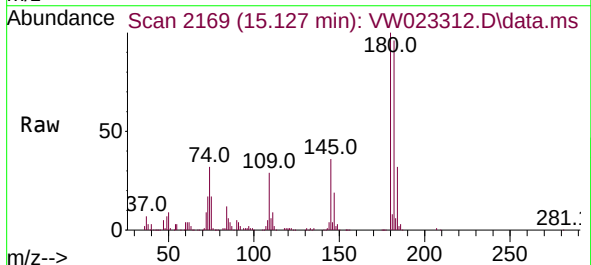
Tgt Ion:180 Resp: 184990

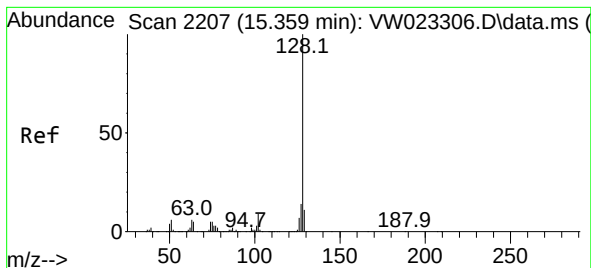
Ion Ratio Lower Upper

180 100

182 92.9 74.9 112.3

145 32.3 26.6 39.8





#71

Naphthalene

Concen: 26.569 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MSD

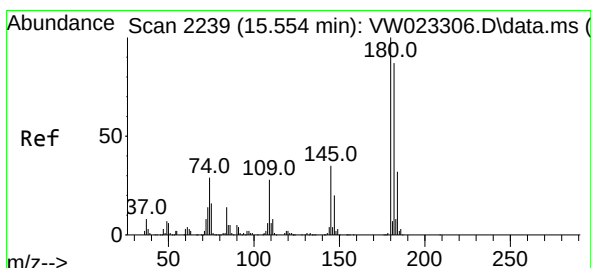
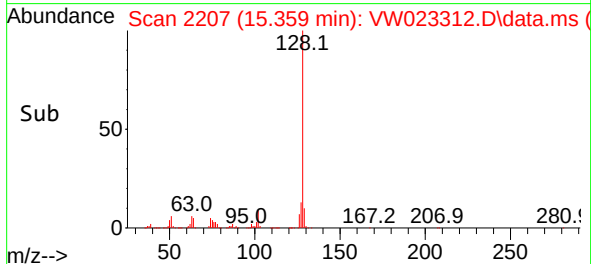
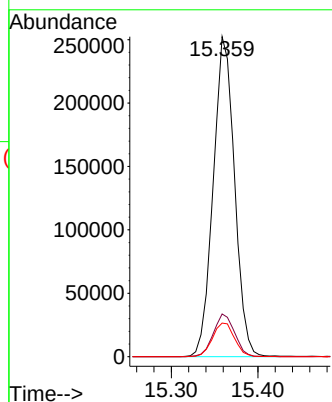
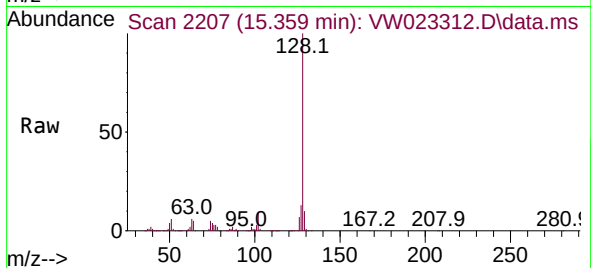
Tgt Ion:128 Resp: 432067

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.049 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023312.D

Acq: 25 May 2022 11:35

Tgt Ion:180 Resp: 166106

Ion Ratio Lower Upper

180 100

182 96.1 73.5 110.3

145 35.4 27.9 41.9

