

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023223.D
 Acq On : 21 May 2022 01:48
 Operator : SY/VA
 Sample : N2929-03MSDRE
 Misc : 7.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSDRE

Quant Time: May 21 04:06:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 21 01:30:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	282351	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	221500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	123419	21.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
7) Chloroethane-d5	2.879	69	91547	24.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.160%
11) 1,1-Dichloroethene-d2	4.019	63	143736	19.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	7.074	46	69873	63.440	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.880%
24) Chloroform-d	7.647	84	223616	27.032	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.120%
26) 1,2-Dichloroethane-d4	8.305	65	134600	29.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.680%
32) Benzene-d6	8.275	84	395318	30.964	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.840%
36) 1,2-Dichloropropane-d6	9.274	67	123752	34.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.040%#
41) Toluene-d8	10.323	98	321143	26.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.160%
43) trans-1,3-Dichloroprop...	10.573	79	46938	28.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.720%
47) 2-Hexanone-d5	10.920	63	58807	85.897	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.800%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120335	35.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.000%#
66) 1,2-Dichlorobenzene-d4	13.853	152	60614	25.269	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	30300	19.686	ug/L	92
3) Chloromethane	2.209	50	69931	23.512	ug/L	96
5) Vinyl chloride	2.355	62	98725	16.539	ug/L	99
6) Bromomethane	2.769	94	48817	12.737	ug/L	93
8) Chloroethane	2.916	64	50416	17.511	ug/L	95
9) Trichlorofluoromethane	3.257	101	42460	15.563	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	65598	16.080	ug/L	97
12) 1,1-Dichloroethene	4.044	96	60895	16.839	ug/L	91
13) Acetone	4.117	43	63322	76.790	ug/L	99
14) Carbon disulfide	4.385	76	108671	10.961	ug/L	97
15) Methyl Acetate	4.665	43	44088	26.613	ug/L	98
16) Methylene chloride	4.915	84	84382	20.424	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	68847	16.918	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	172617	27.786	ug/L	99
19) 1,1-Dichloroethane	6.214	63	142442	20.652	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	86389	19.764	ug/L #	97
22) 2-Butanone	7.171	43	78586	68.145	ug/L	94
23) Bromochloromethane	7.513	128	45369	22.163	ug/L	89
25) Chloroform	7.677	83	162583	21.318	ug/L	97

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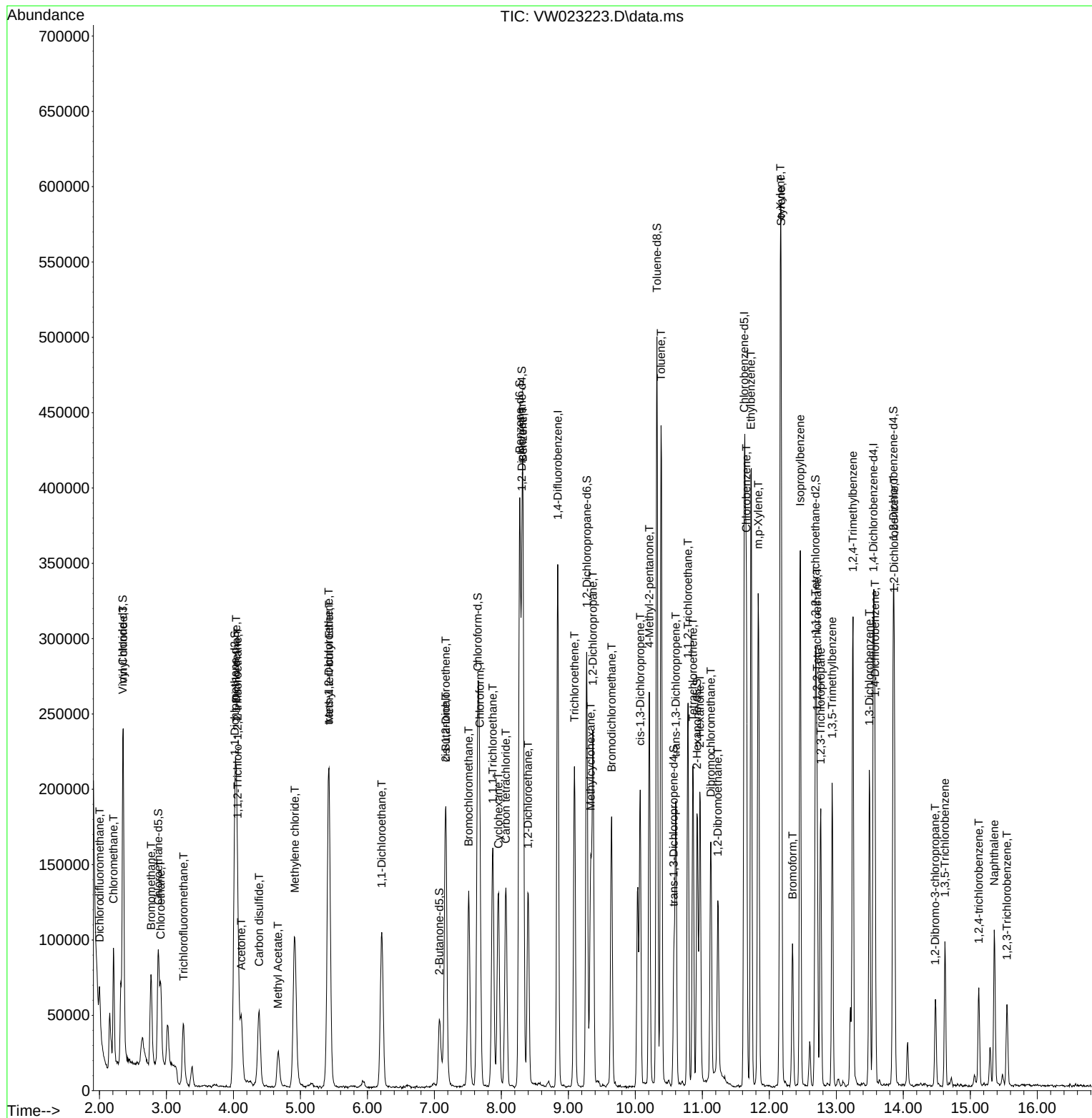
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	115225	22.665	ug/L	99
29) Cyclohexane	7.958	56	66228	13.825	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	123285	23.553	ug/L	99
31) Carbon tetrachloride	8.067	117	97303	19.872	ug/L	98
33) Benzene	8.323	78	315914	24.210	ug/L	100
34) Trichloroethene	9.091	95	73626	20.517	ug/L	97
35) Methylcyclohexane	9.335	83	56745	9.626	ug/L	96
37) 1,2-Dichloropropane	9.366	63	82796	26.220	ug/L	98
38) Bromodichloromethane	9.646	83	113434	25.291	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	111321	22.736	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	155235	77.995	ug/L	97
42) Toluene	10.384	91	317668	21.723	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	98977	22.648	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	76204	28.868	ug/L	100
46) Tetrachloroethene	10.859	164	45231	16.772	ug/L	86
48) 2-Hexanone	10.963	43	134239	100.944	ug/L	89
49) Dibromochloromethane	11.128	129	80692	25.398	ug/L	98
50) 1,2-Dibromoethane	11.231	107	72705	27.429	ug/L	95
51) Chlorobenzene	11.658	112	181803	18.858	ug/L	99
52) Ethylbenzene	11.725	91	292748	17.994	ug/L	97
53) m,p-Xylene	11.835	106	104646	16.325	ug/L	96
54) o-Xylene	12.164	106	106740	17.352	ug/L	97
55) Styrene	12.176	104	178982	17.123	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	91546	27.765	ug/L	95
59) Bromoform	12.347	173	39162	40.270	ug/L	99
60) Isopropylbenzene	12.463	105	226229	24.065	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	71420	52.089	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	101241	19.358	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	164051	20.890	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	78931	18.806	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	84623	19.520	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	78671	20.483	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.475	75	13962	46.593	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.621	180	26135	9.381	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	18177	8.111	ug/L	98
71) Naphthalene	15.359	128	83313	17.104	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	15805	7.957	ug/L	97

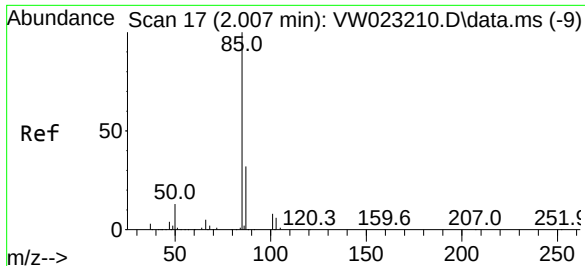
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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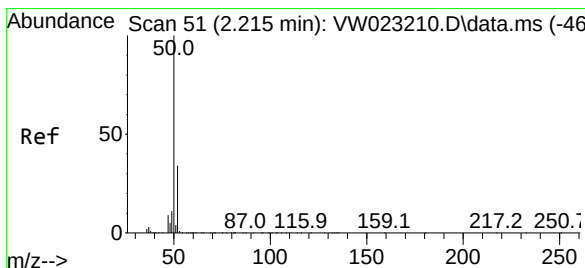
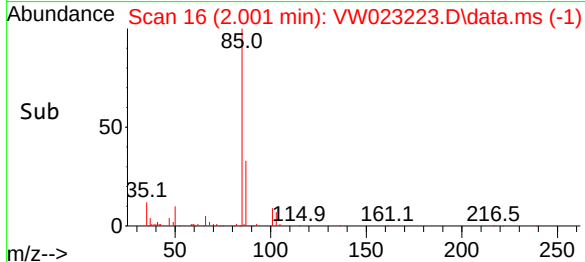
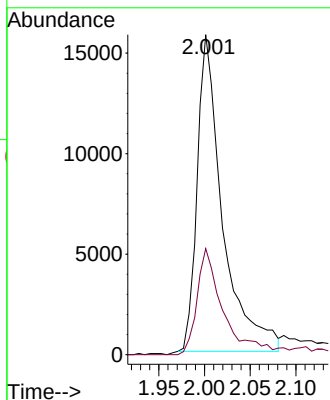
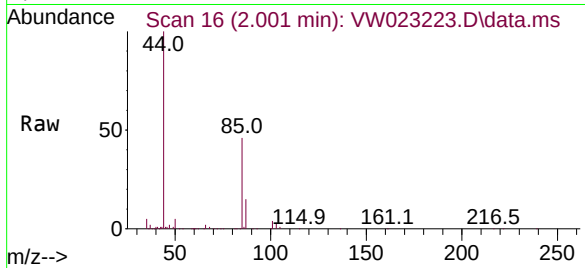




#2
 Dichlorodifluoromethane
 Concen: 19.686 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023223.D
 Acq: 21 May 2022 01:48

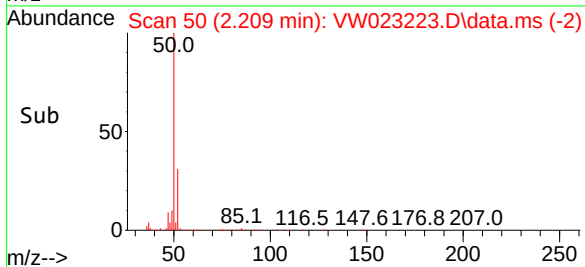
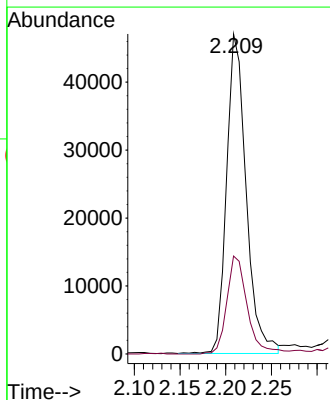
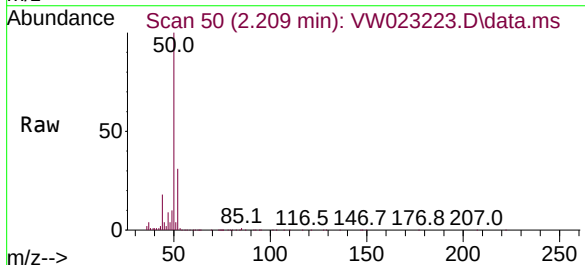
Instrument :
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 ClientSampleId :
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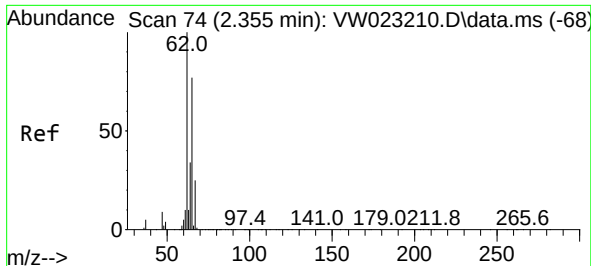
Tgt Ion: 85 Resp: 30300
 Ion Ratio Lower Upper
 85 100
 87 30.2 27.8 41.8



#3
 Chloromethane
 Concen: 23.512 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW023223.D
 Acq: 21 May 2022 01:48

Tgt Ion: 50 Resp: 69931
 Ion Ratio Lower Upper
 50 100
 52 30.6 23.1 42.9

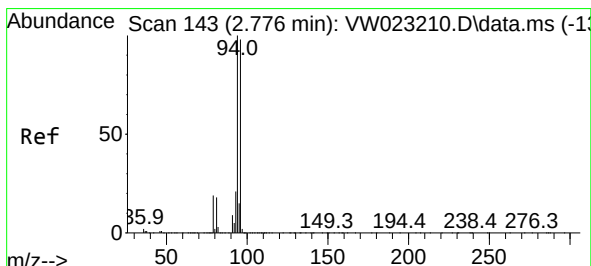
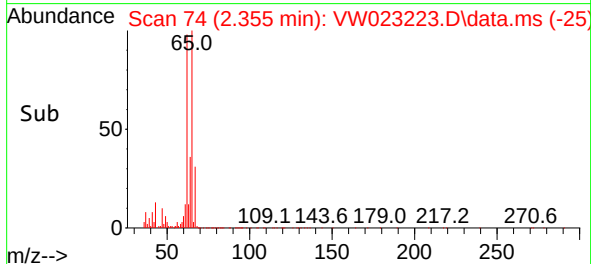
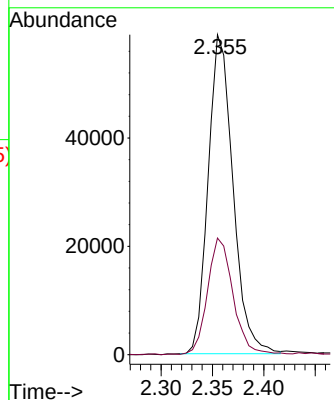
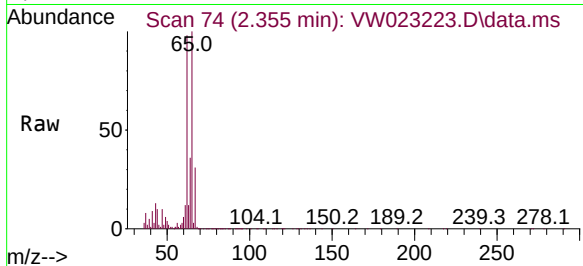




#5
 Vinyl chloride
 Concen: 16.539 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023223.D
 Acq: 21 May 2022 01:48

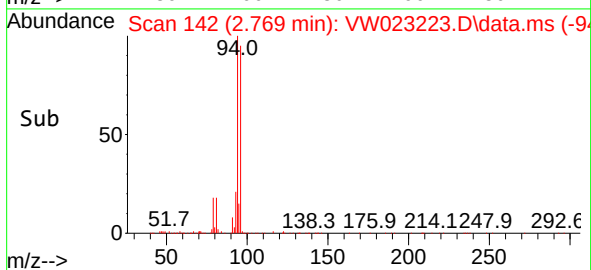
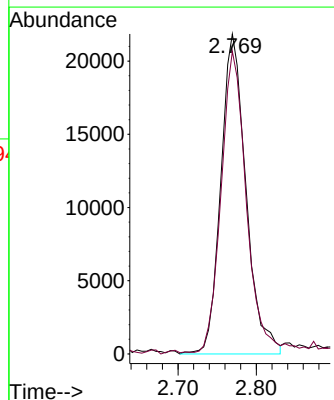
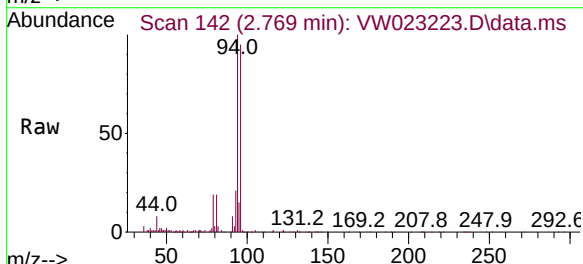
Instrument :
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 ClientSampleId :
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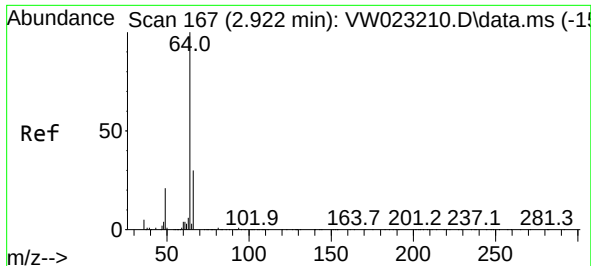
Tgt Ion: 62 Resp: 98725
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.9 46.3



#6
 Bromomethane
 Concen: 12.737 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023223.D
 Acq: 21 May 2022 01:48

Tgt Ion: 94 Resp: 48817
 Ion Ratio Lower Upper
 94 100
 96 94.5 61.7 114.5

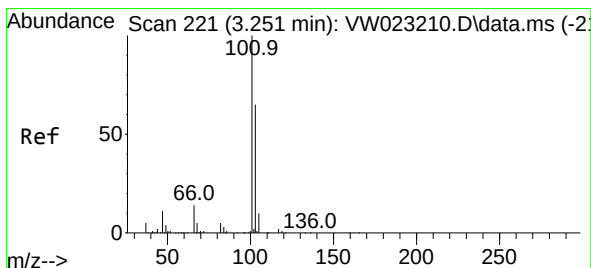
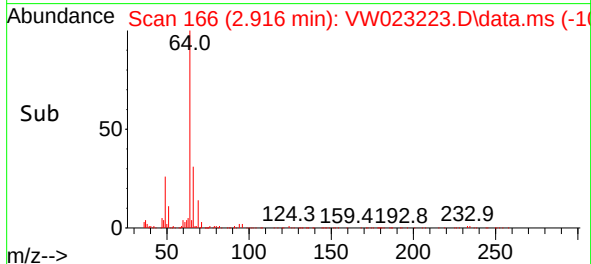
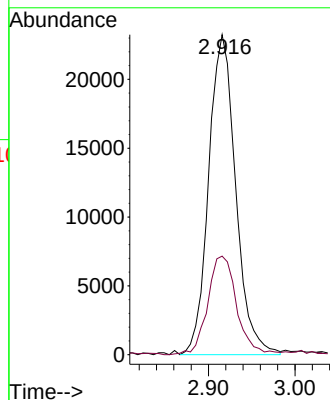
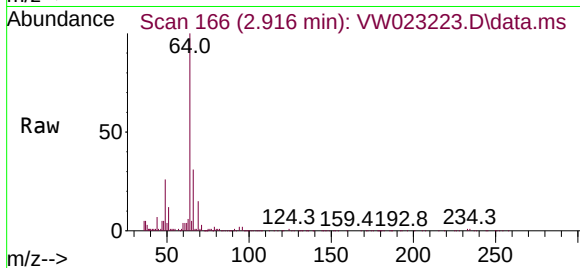




#8
Chloroethane
Concen: 17.511 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

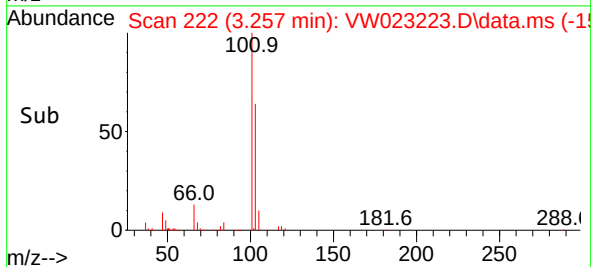
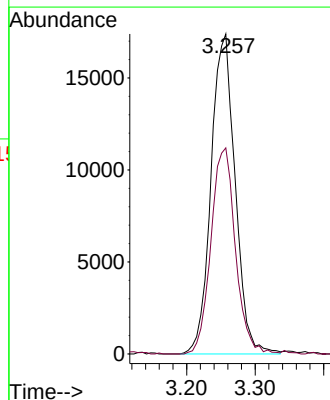
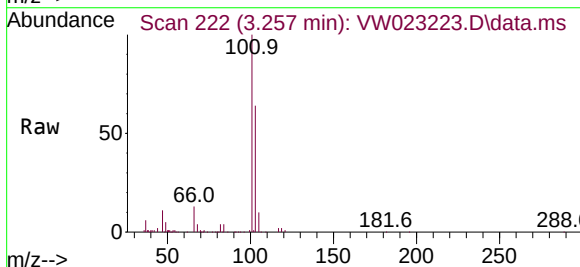
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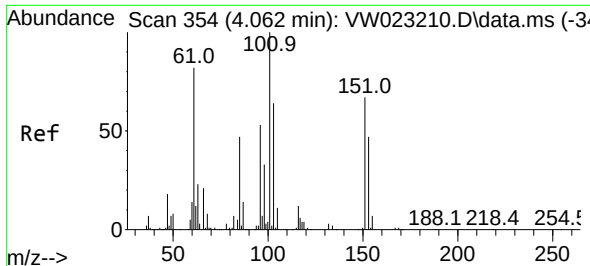
Tgt Ion: 64 Resp: 50416
Ion Ratio Lower Upper
64 100
66 30.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 15.563 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 101 Resp: 42460
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

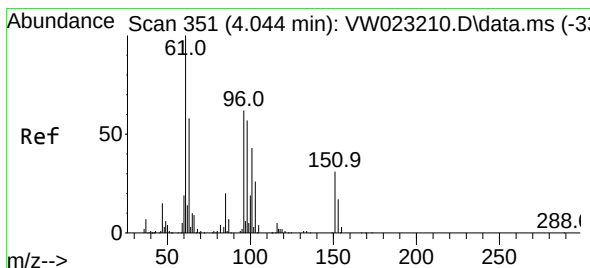
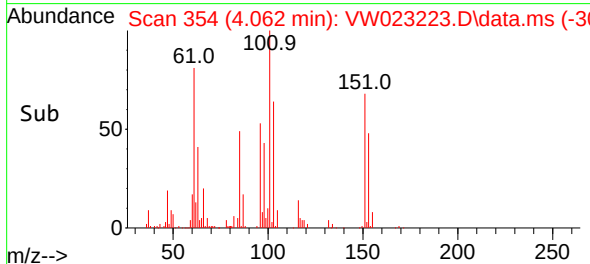
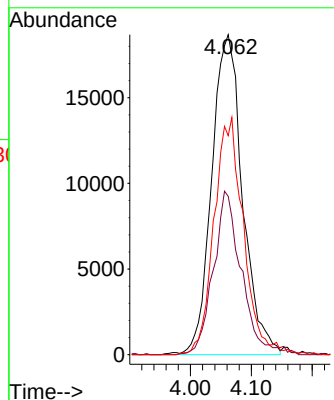
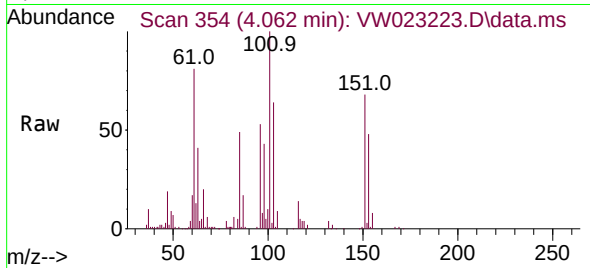




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.080 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023223.D
 Acq: 21 May 2022 01:48

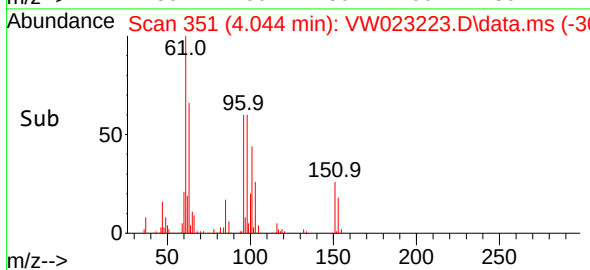
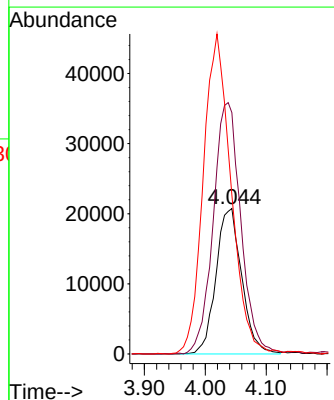
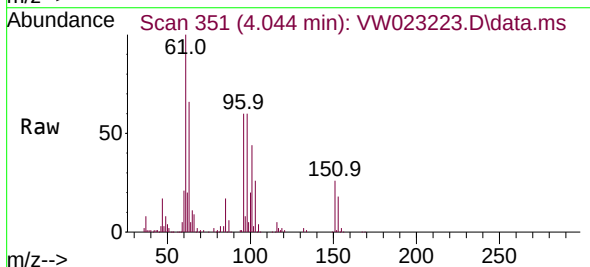
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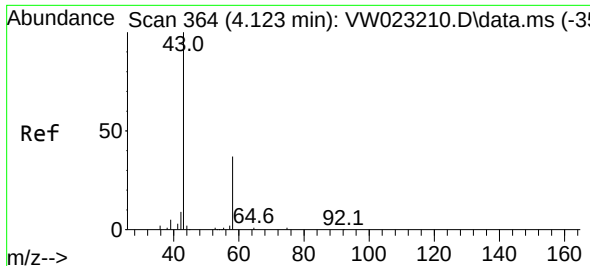
Tgt Ion:101 Resp: 65598
 Ion Ratio Lower Upper
 101 100
 85 45.9 34.3 51.5
 151 69.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 16.839 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023223.D
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Tgt Ion: 96 Resp: 60895
 Ion Ratio Lower Upper
 96 100
 61 165.9 125.7 233.5
 63 109.2 83.4 155.0

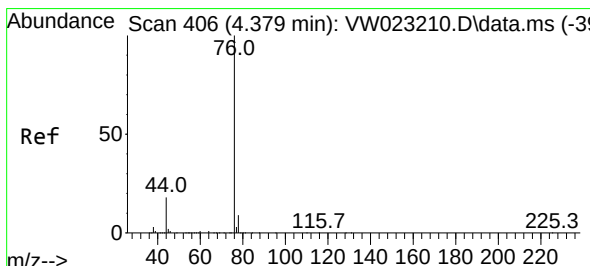
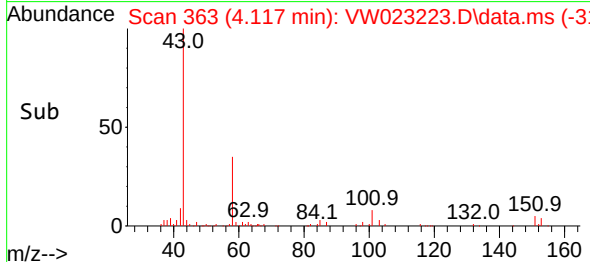
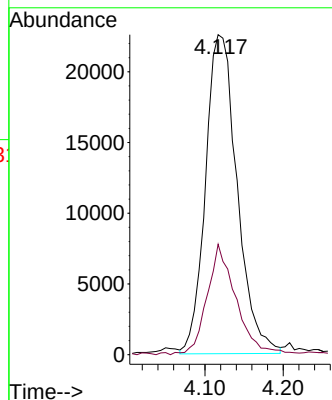
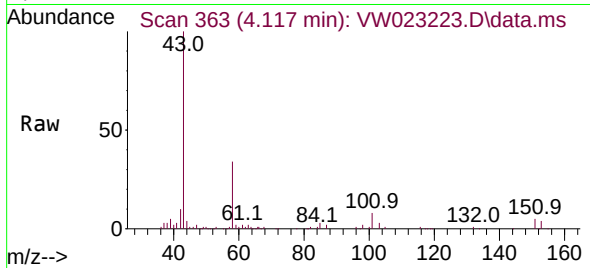




#13
Acetone
Concen: 76.790 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023223.D
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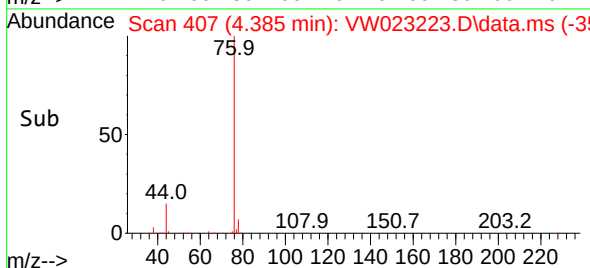
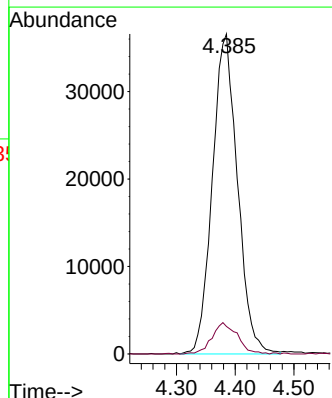
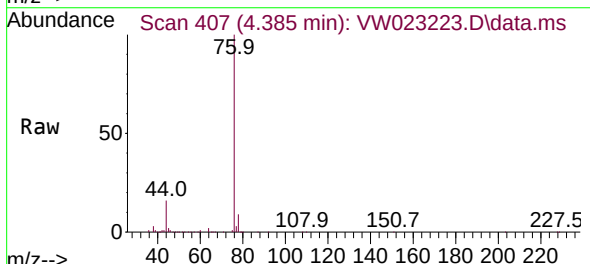
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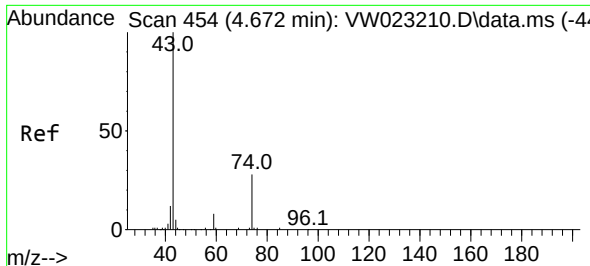
Tgt Ion: 43 Resp: 63322
Ion Ratio Lower Upper
43 100
58 31.6 0.0 64.0



#14
Carbon disulfide
Concen: 10.961 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 108671
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5

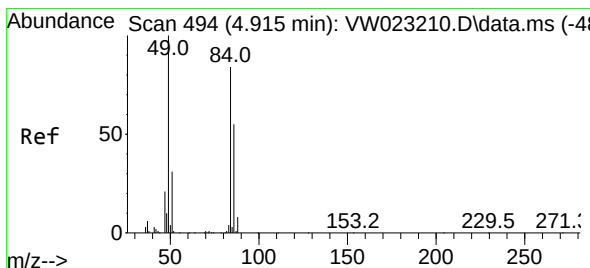
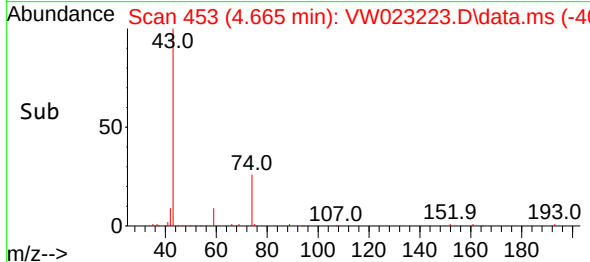
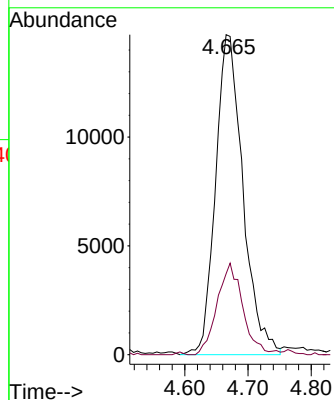
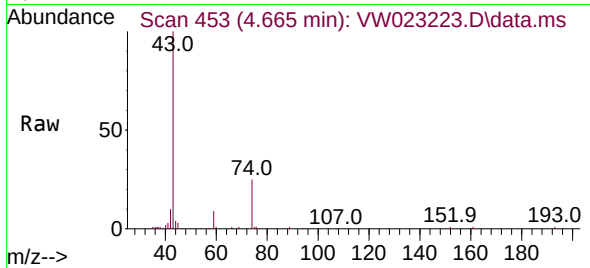




#15
Methyl Acetate
Concen: 26.613 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

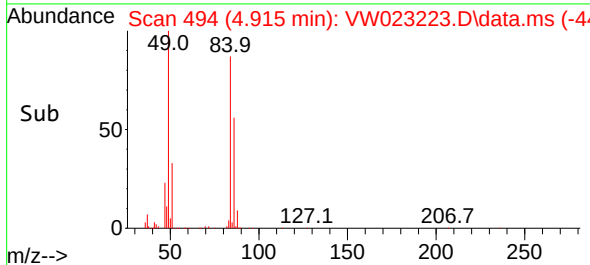
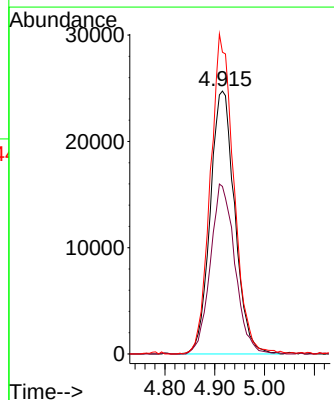
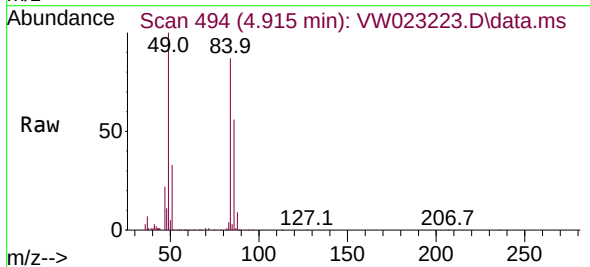
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

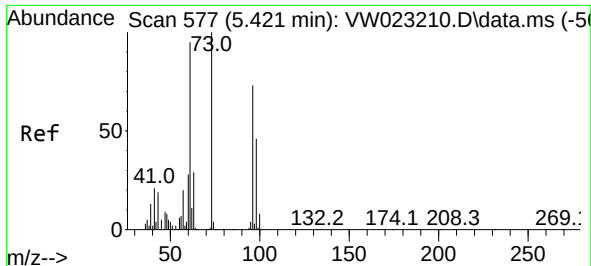
Tgt Ion: 43 Resp: 44088
Ion Ratio Lower Upper
43 100
74 26.6 21.9 32.9



#16
Methylene chloride
Concen: 20.424 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 84 Resp: 84382
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.4
49 114.8 82.5 153.1

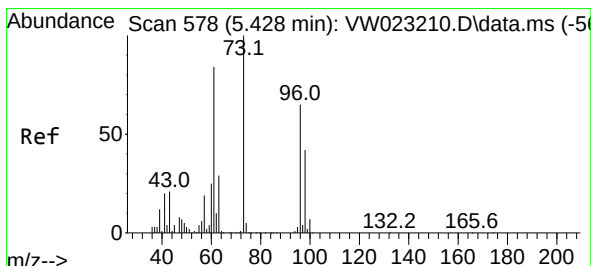
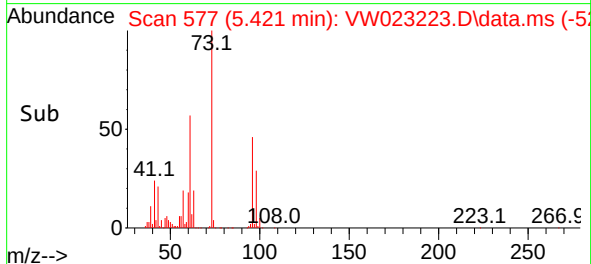
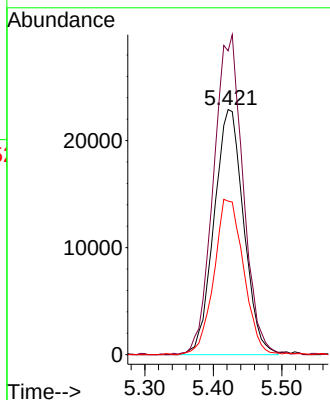
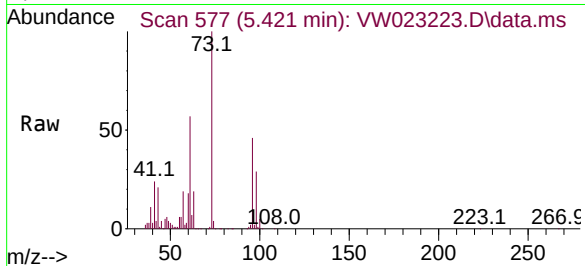




#17
trans-1,2-Dichloroethene
Concen: 16.918 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

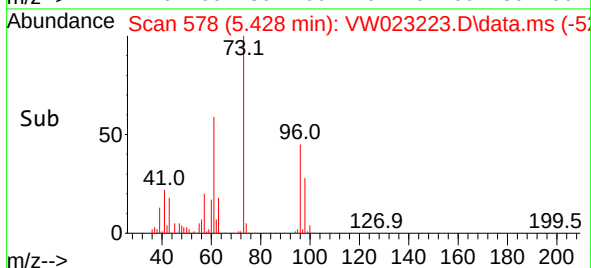
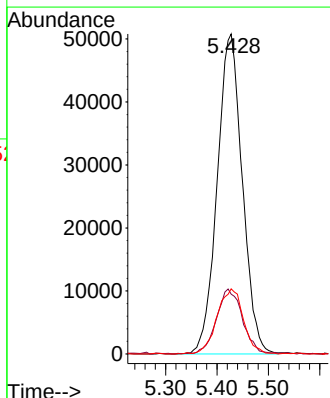
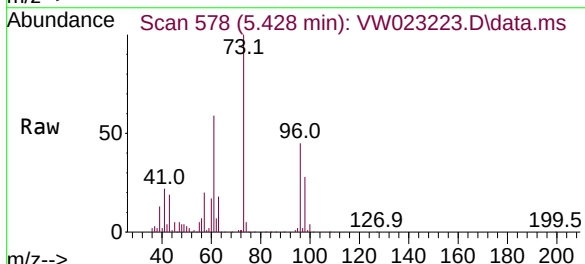
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

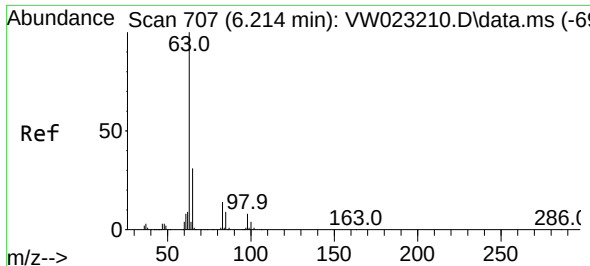
Tgt Ion: 96 Resp: 68847
Ion Ratio Lower Upper
96 100
61 123.9 92.2 171.2
98 62.7 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 27.786 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 73 Resp: 172617
Ion Ratio Lower Upper
73 100
43 20.5 15.9 23.9
57 21.2 16.5 24.7

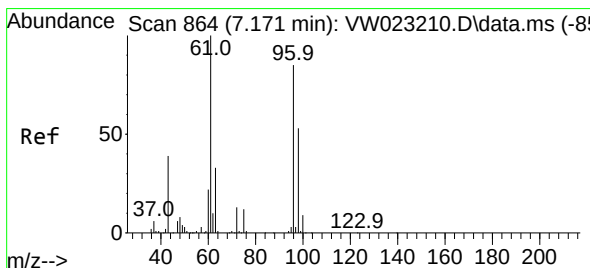
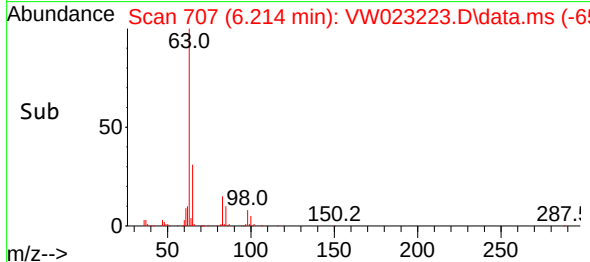
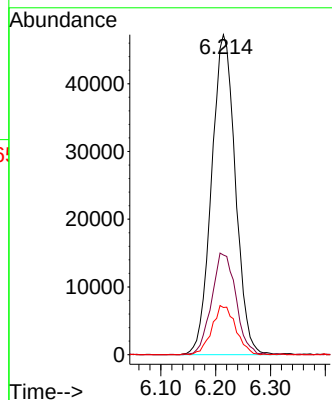
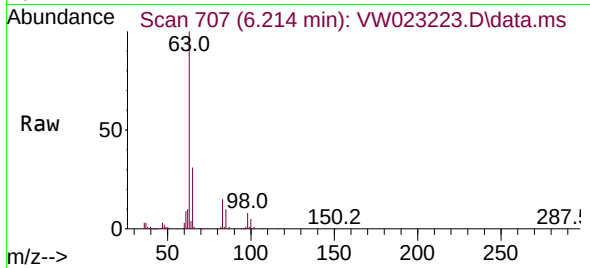




#19
1,1-Dichloroethane
Concen: 20.652 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

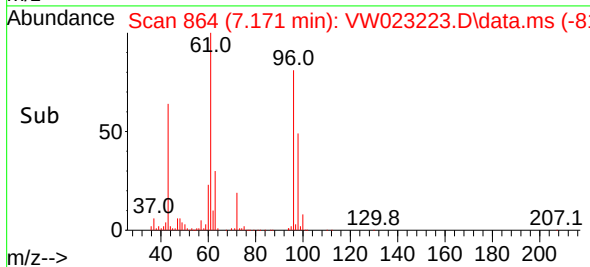
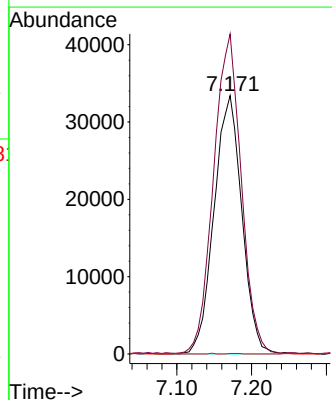
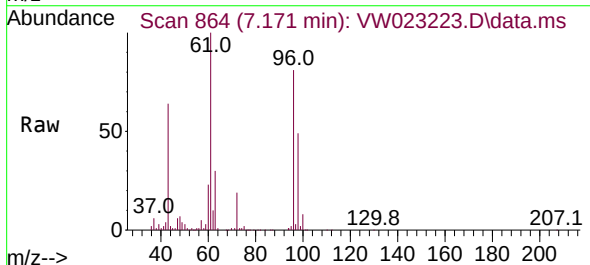
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

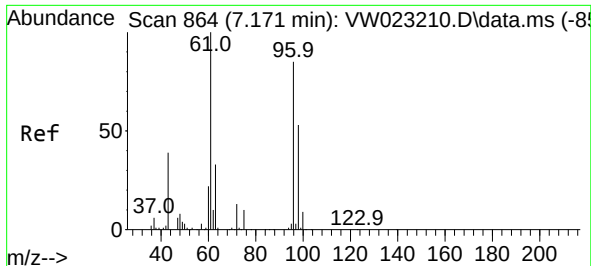
Tgt Ion: 63 Resp: 142442
Ion Ratio Lower Upper
63 100
65 31.1 23.3 43.3
83 14.8 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 19.764 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 96 Resp: 86389
Ion Ratio Lower Upper
96 100
61 123.8 84.2 156.4
68 0.2 0.1 0.1#

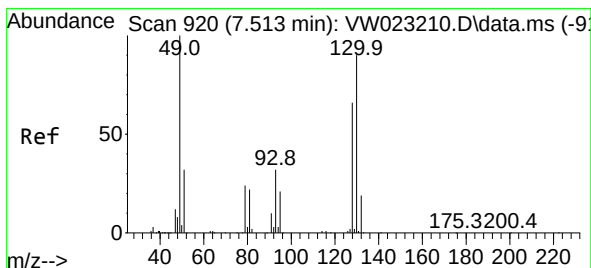
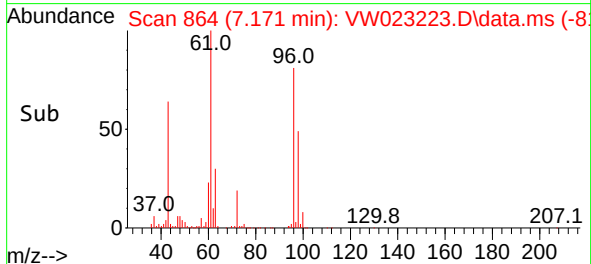
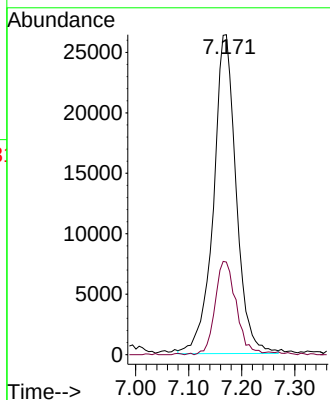
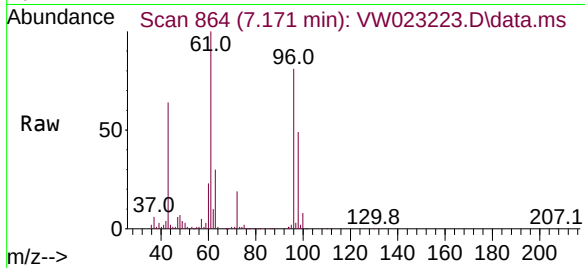




#22
2-Butanone
Concen: 68.145 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

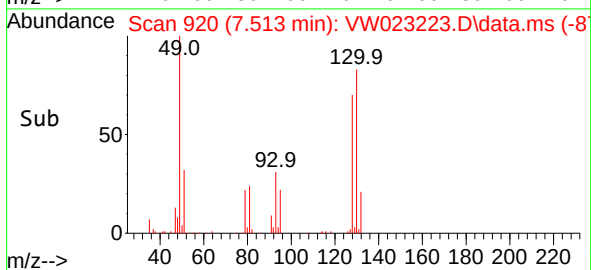
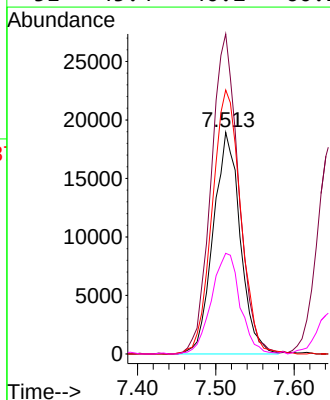
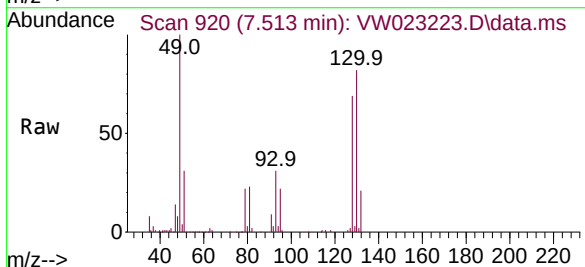
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

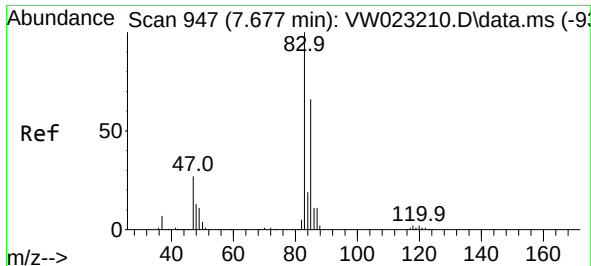
Tgt Ion: 43 Resp: 78586
Ion Ratio Lower Upper
43 100
72 27.1 15.1 45.3



#23
Bromochloromethane
Concen: 22.163 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 128 Resp: 45369
Ion Ratio Lower Upper
128 100
49 144.4 110.0 204.4
130 119.1 94.8 176.0
51 45.4 40.2 60.2

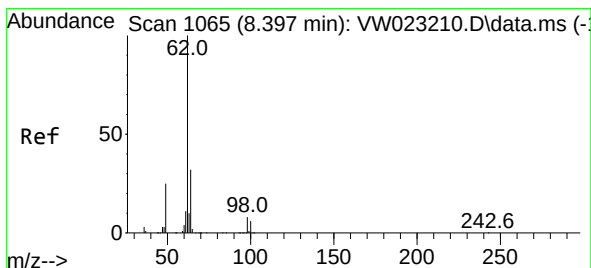
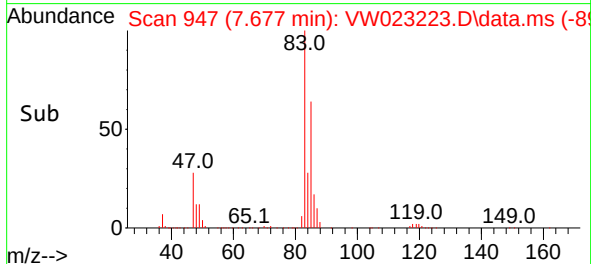
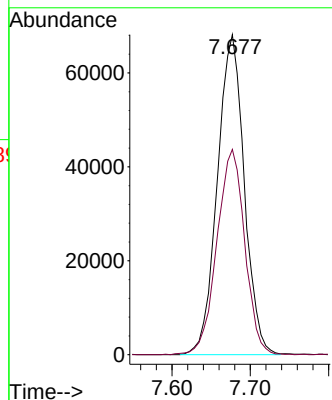
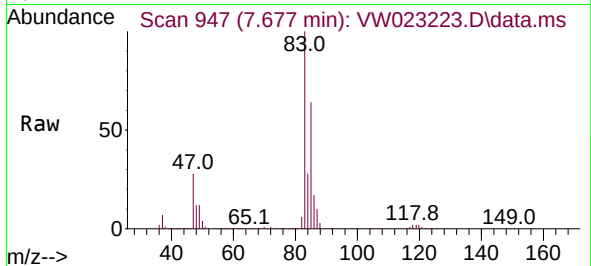




#25
Chloroform
Concen: 21.318 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

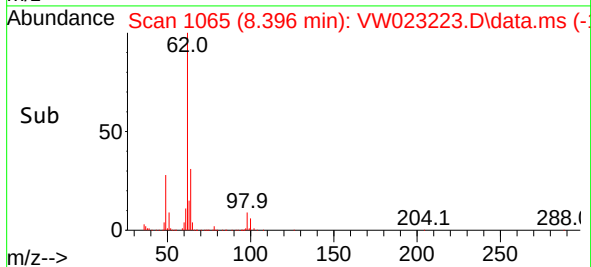
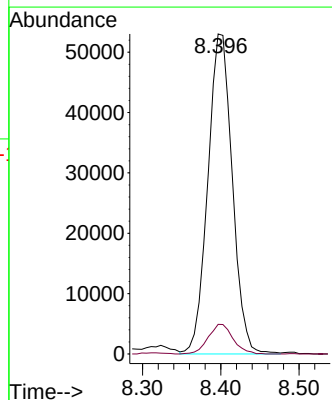
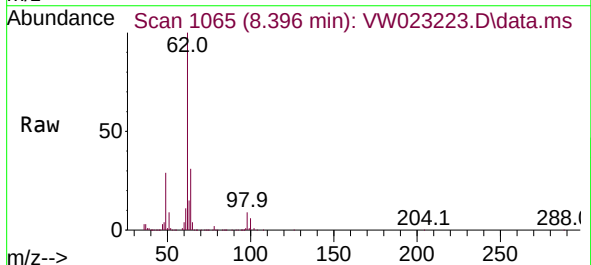
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

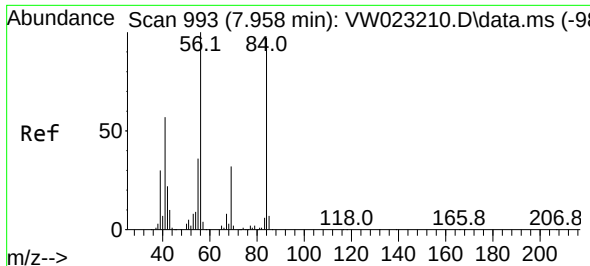
Tgt Ion: 83 Resp: 162583
Ion Ratio Lower Upper
83 100
85 64.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.665 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

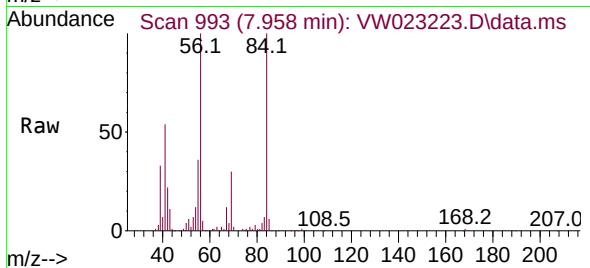
Tgt Ion: 62 Resp: 115225
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8



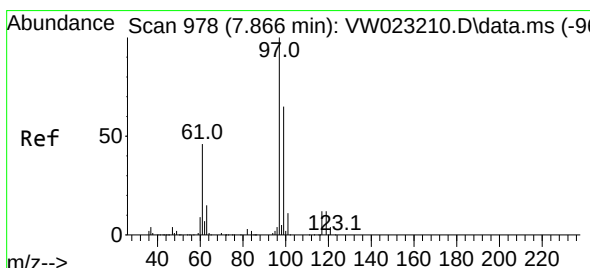
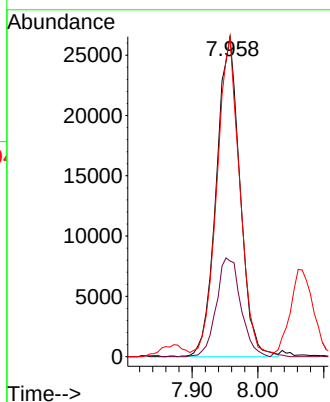
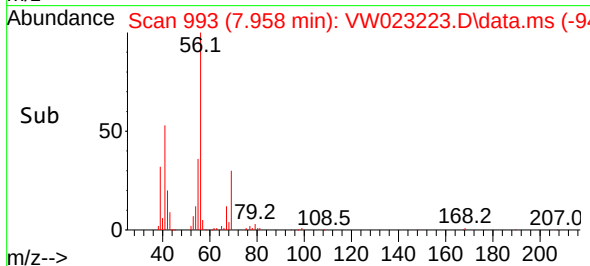


#29
Cyclohexane
Concen: 13.825 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

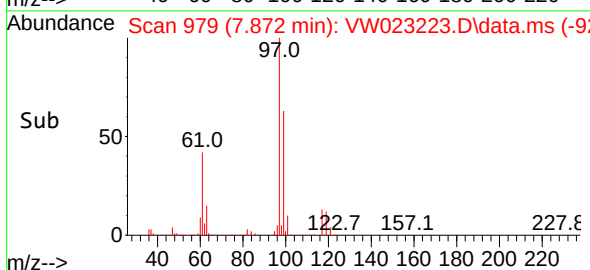
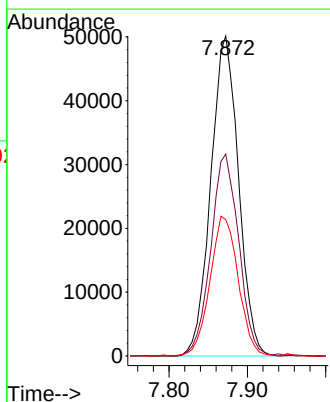
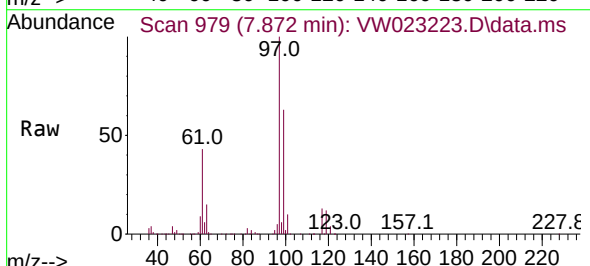


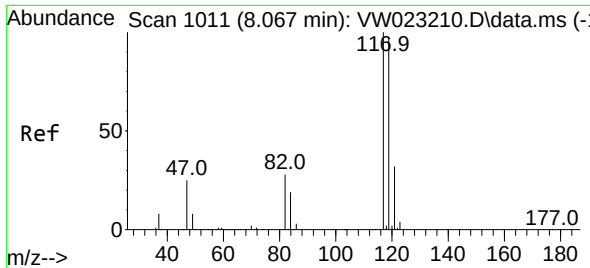
Tgt Ion:	56	Resp:	66228
Ion Ratio	Lower	Upper	
56	100		
69	32.0	25.6	38.4
84	97.3	78.2	117.4



#30
1,1,1-Trichloroethane
Concen: 23.553 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion:	97	Resp:	123285
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.0	76.4
61	44.5	34.8	52.2

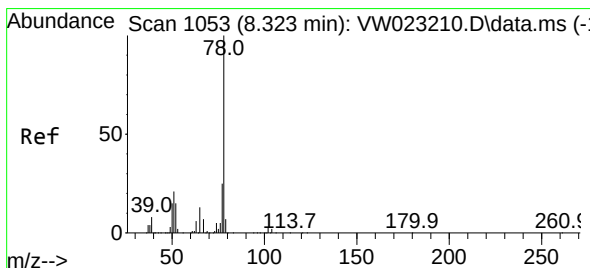
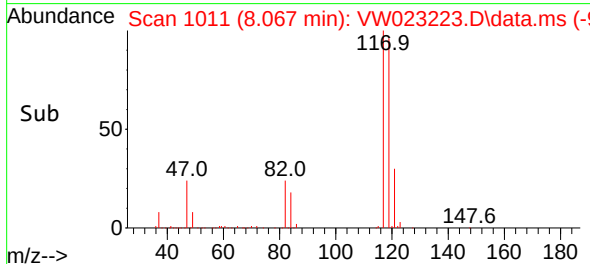
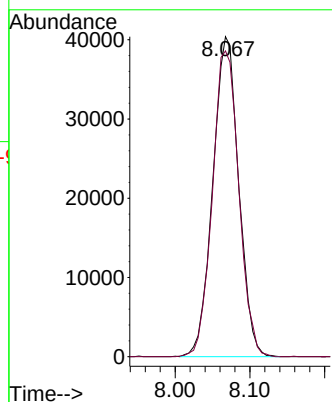
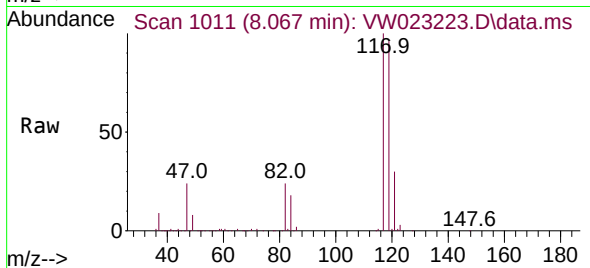




#31
Carbon tetrachloride
Concen: 19.872 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

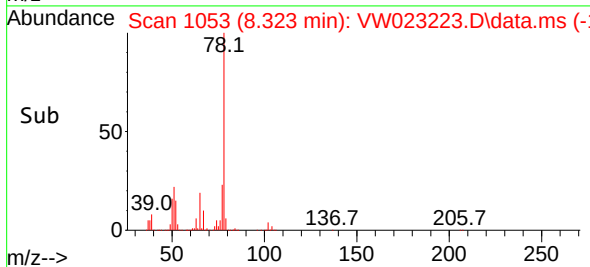
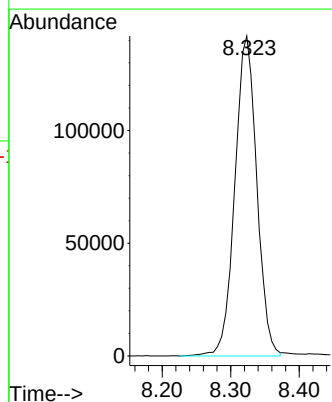
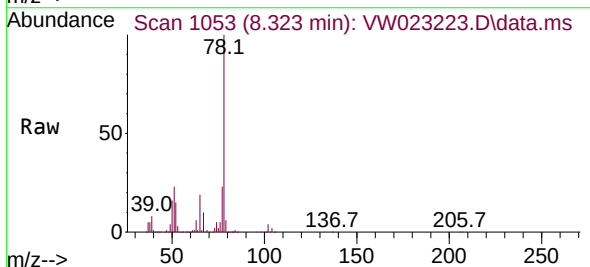
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

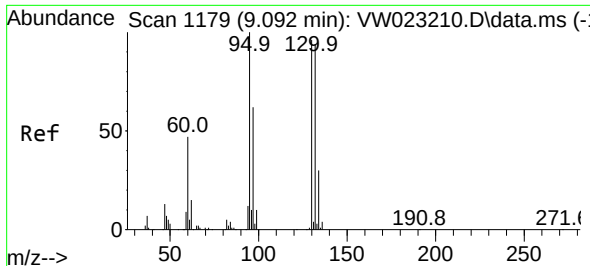
Tgt Ion:117 Resp: 97303
Ion Ratio Lower Upper
117 100
119 97.6 76.6 115.0



#33
Benzene
Concen: 24.210 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 78 Resp: 315914



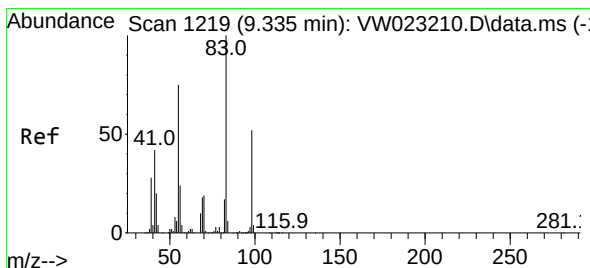
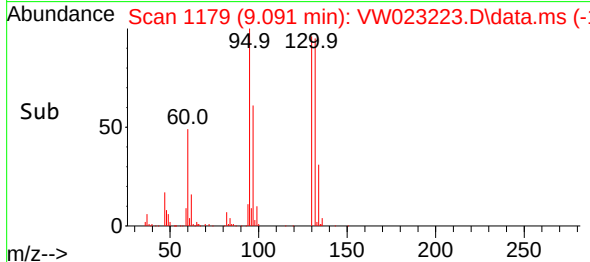
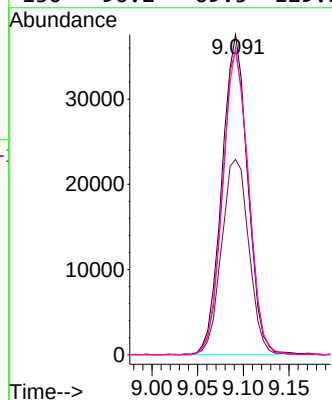
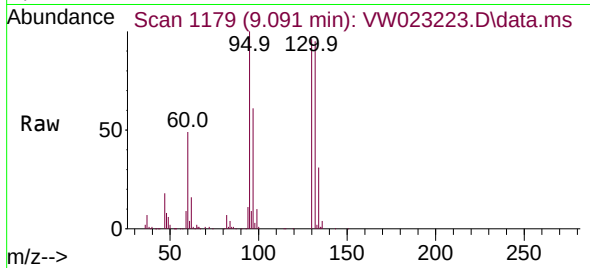


#34
Trichloroethene
Concen: 20.517 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

Tgt Ion: 95 Resp: 73626

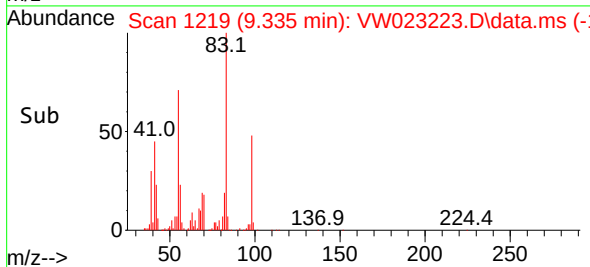
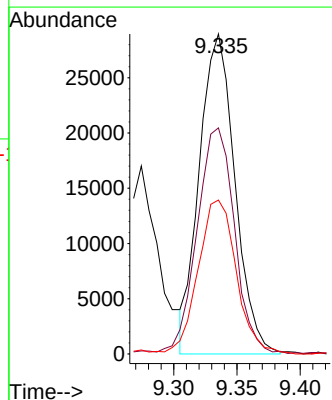
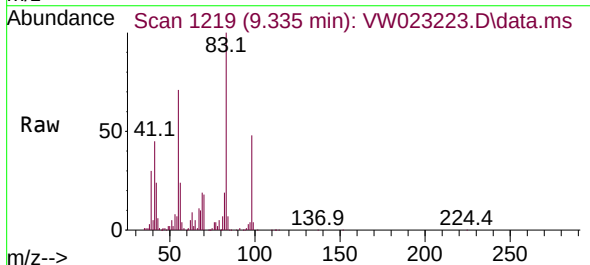
Ion	Ratio	Lower	Upper
95	100		
97	61.0	46.1	85.7
132	95.2	66.9	124.3
130	96.2	69.5	129.1

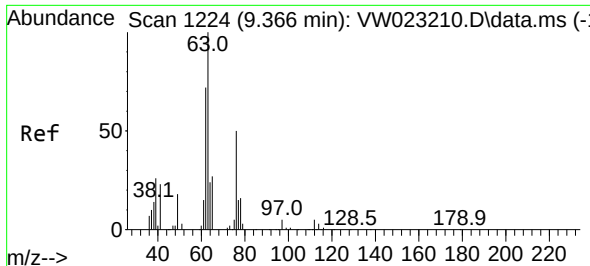


#35
Methylcyclohexane
Concen: 9.626 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 83 Resp: 56745

Ion	Ratio	Lower	Upper
83	100		
55	73.9	55.1	82.7
98	51.6	40.4	60.6





#37

1,2-Dichloropropane

Concen: 26.220 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

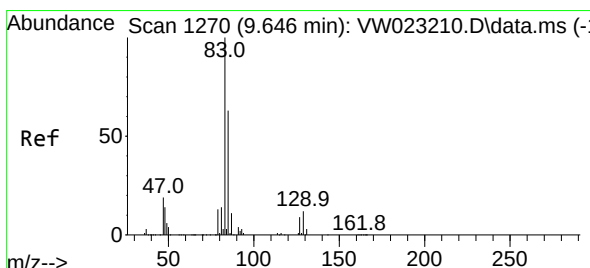
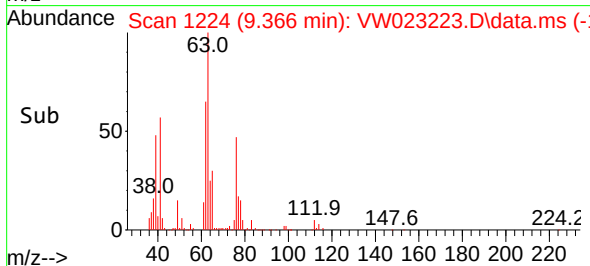
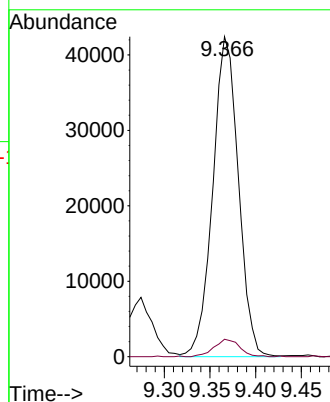
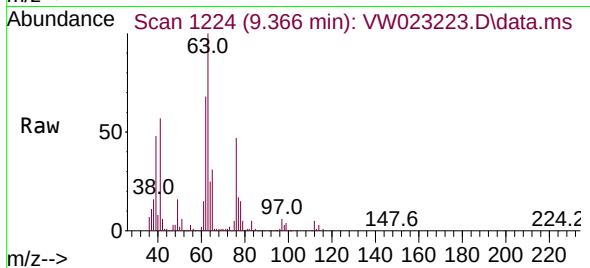
DBTF7MSDRE

Tgt Ion: 63 Resp: 82796

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 25.291 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

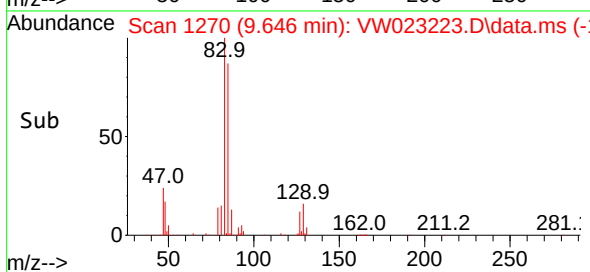
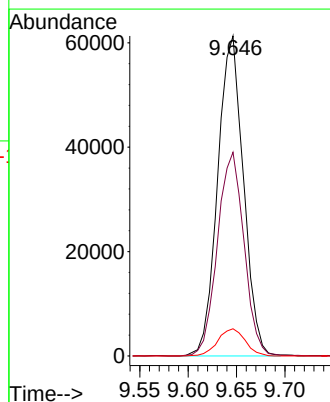
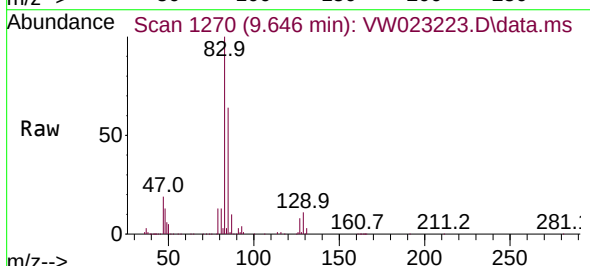
Tgt Ion: 83 Resp: 113434

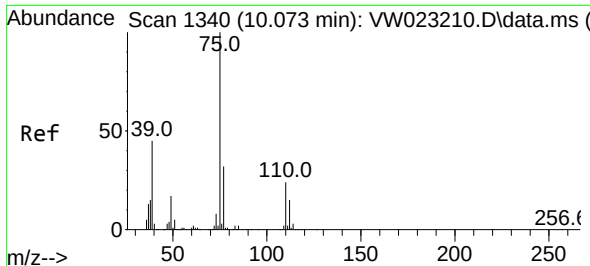
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 22.736 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

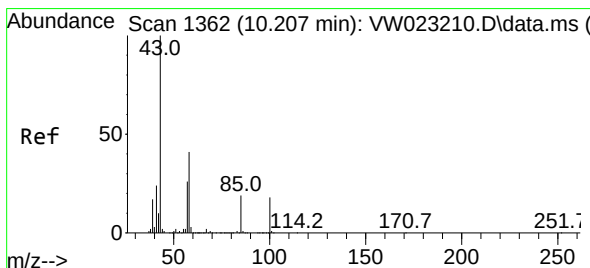
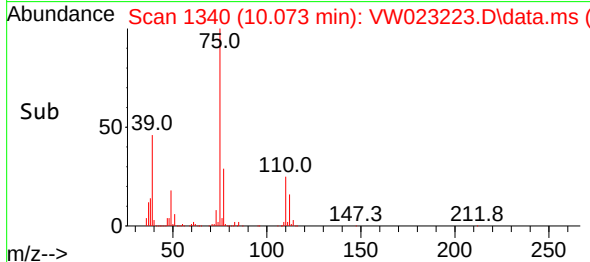
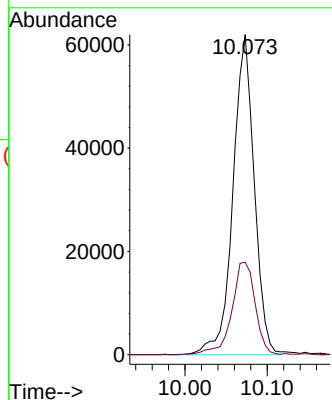
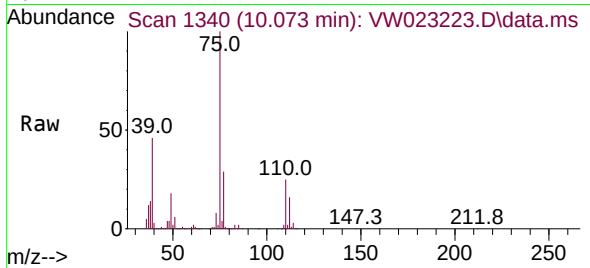
DBTF7MSDRE

Tgt Ion: 75 Resp: 111321

Ion Ratio Lower Upper

75 100

77 28.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 77.995 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

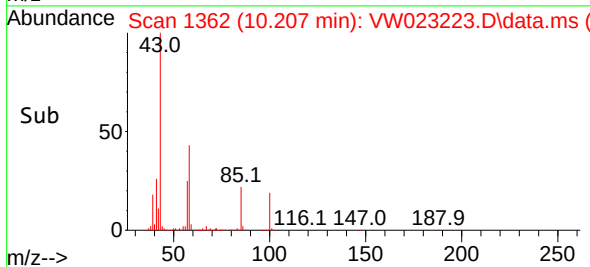
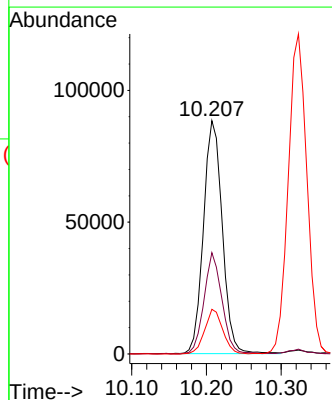
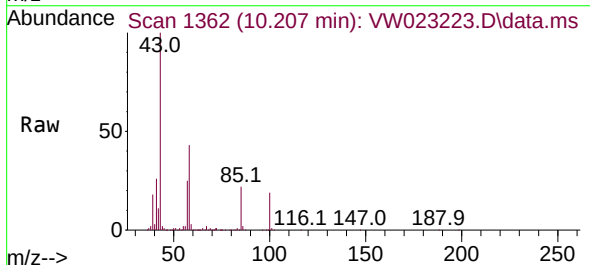
Tgt Ion: 43 Resp: 155235

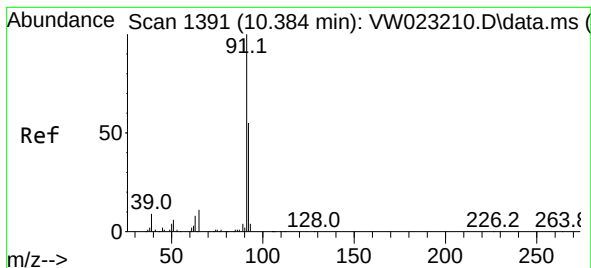
Ion Ratio Lower Upper

43 100

58 41.4 31.4 47.2

100 18.4 14.2 21.4





#42

Toluene

Concen: 21.723 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

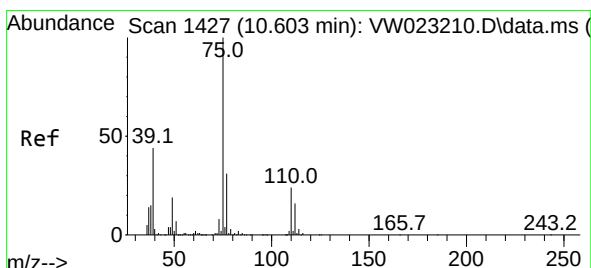
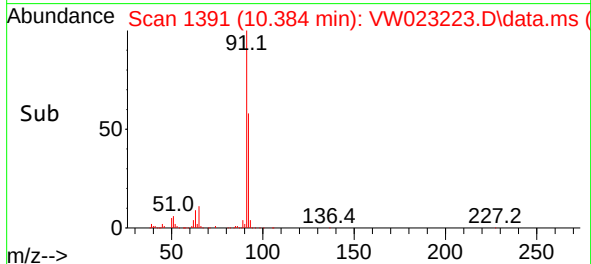
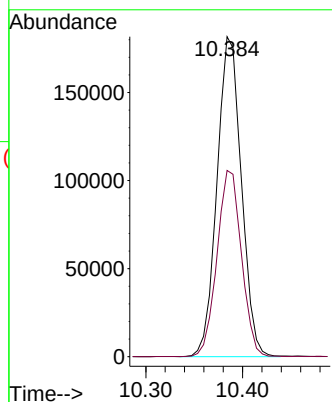
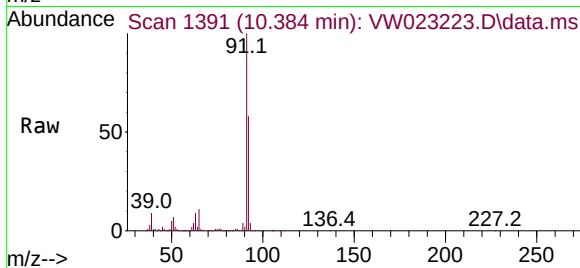
DBTF7MSDRE

Tgt Ion: 91 Resp: 317668

Ion Ratio Lower Upper

91 100

92 58.2 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 22.648 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023223.D

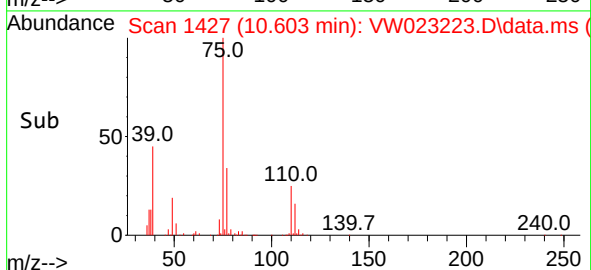
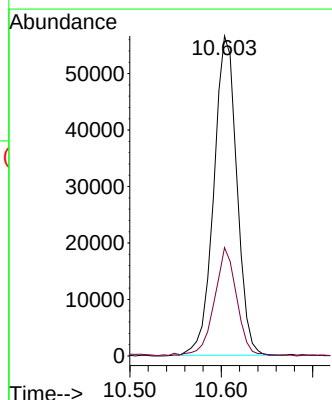
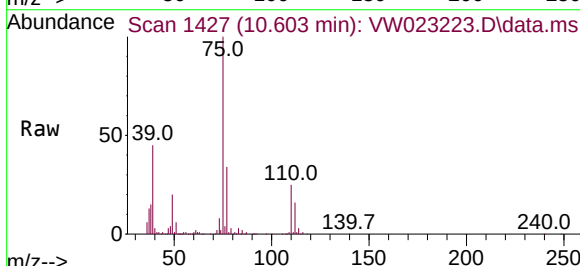
Acq: 21 May 2022 01:48

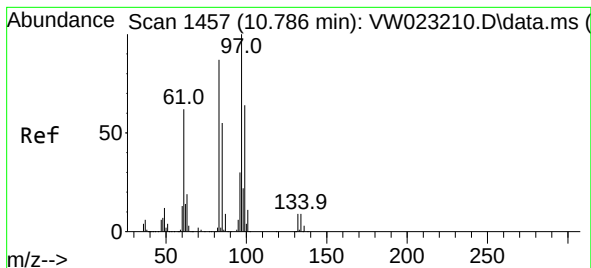
Tgt Ion: 75 Resp: 98977

Ion Ratio Lower Upper

75 100

77 33.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 28.868 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSDRE

Tgt Ion: 97 Resp: 76204

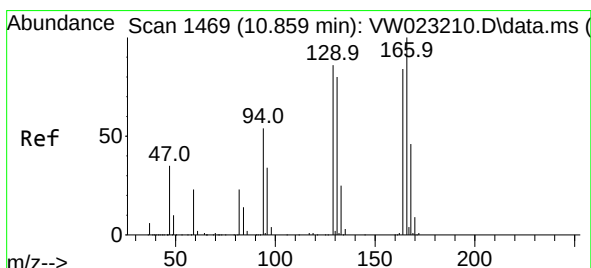
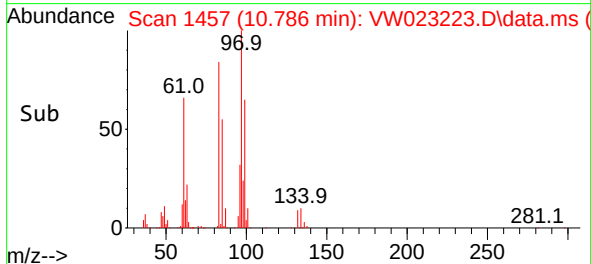
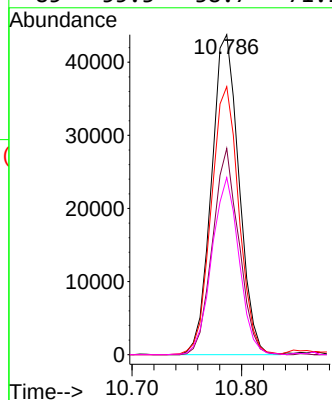
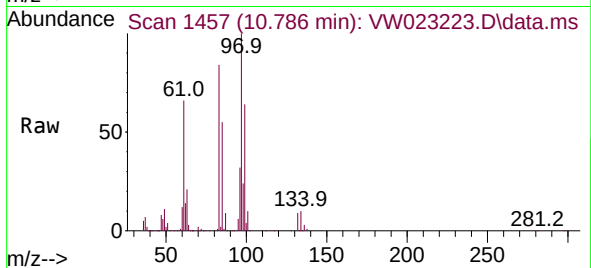
Ion Ratio Lower Upper

97 100

99 64.4 44.7 82.9

83 83.8 58.4 108.4

85 55.3 38.7 71.9



#46

Tetrachloroethene

Concen: 16.772 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Tgt Ion:164 Resp: 45231

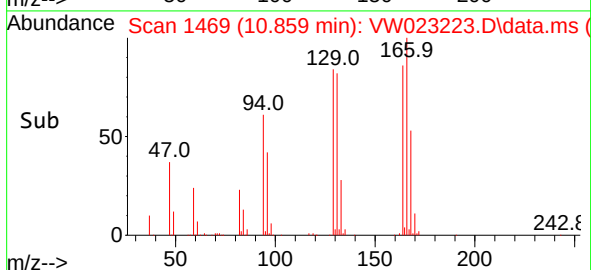
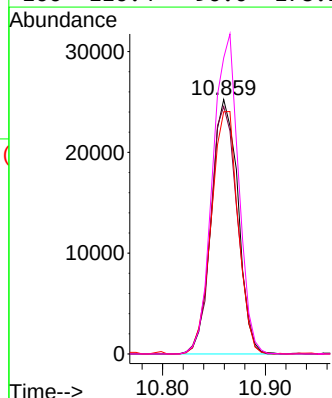
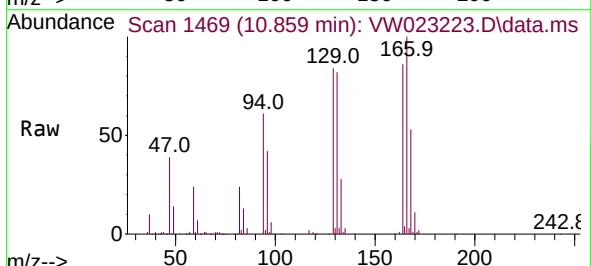
Ion Ratio Lower Upper

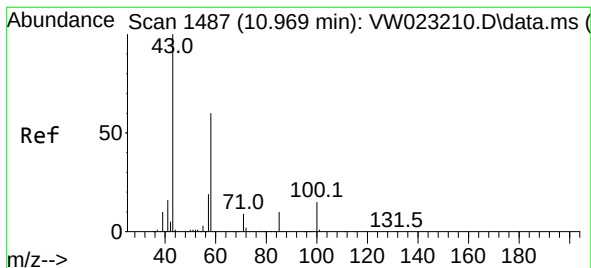
164 100

129 97.2 76.9 142.7

131 95.2 75.1 139.5

166 116.4 96.0 178.2





#48

2-Hexanone

Concen: 100.944 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSDRE

Tgt Ion: 43 Resp: 134239

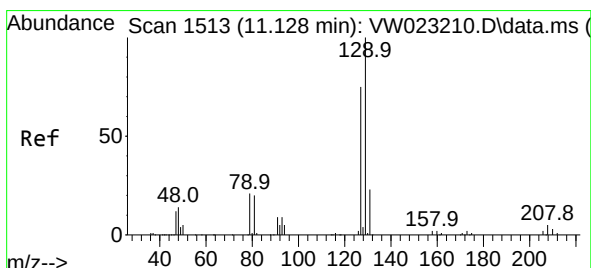
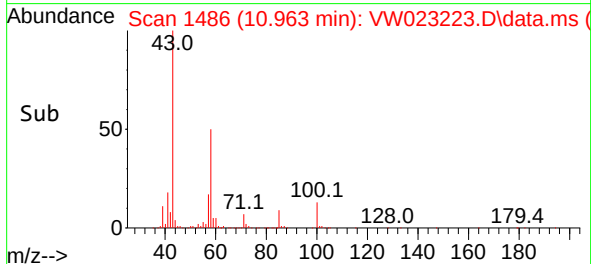
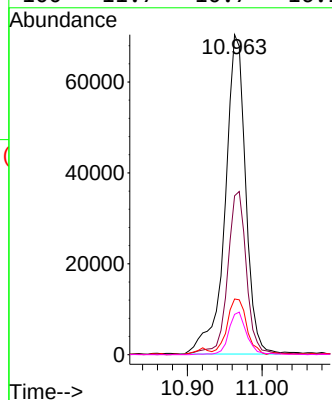
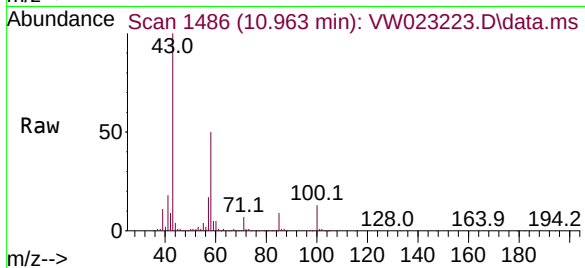
Ion Ratio Lower Upper

43 100

58 47.4 45.9 68.9

57 16.6 16.2 24.2

100 11.7 10.7 16.1



#49

Dibromochloromethane

Concen: 25.398 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023223.D

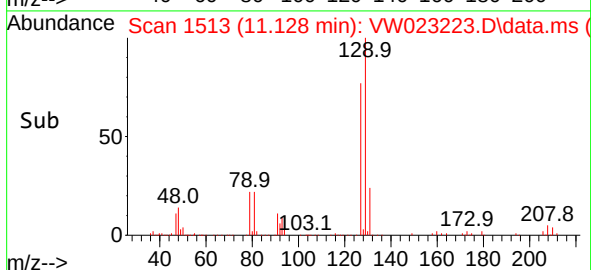
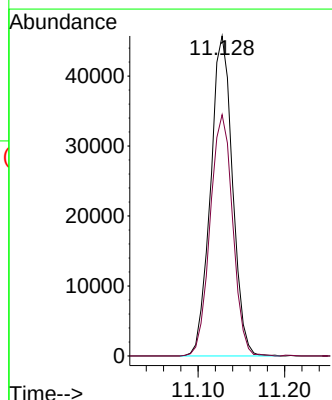
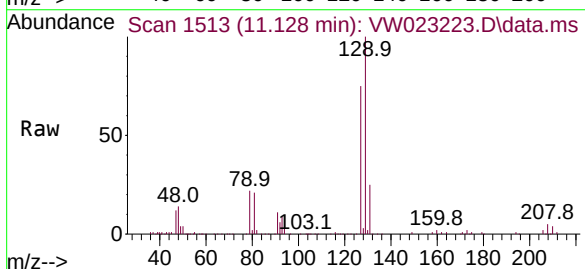
Acq: 21 May 2022 01:48

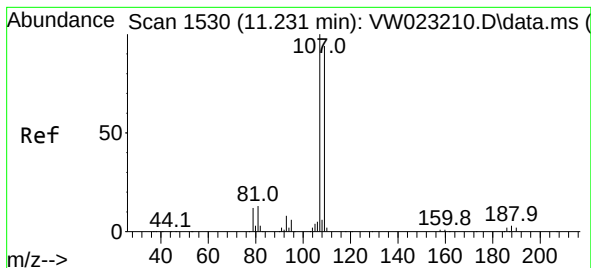
Tgt Ion:129 Resp: 80692

Ion Ratio Lower Upper

129 100

127 75.4 53.8 100.0

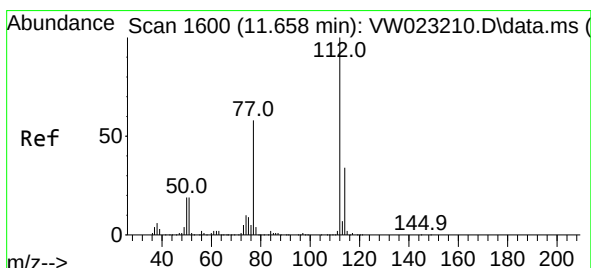
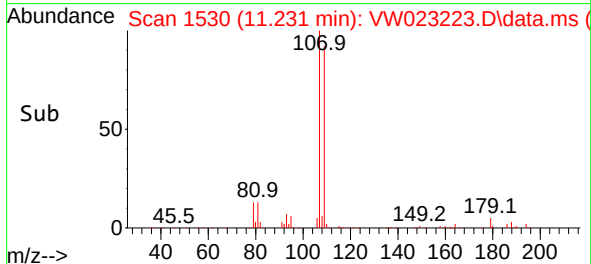
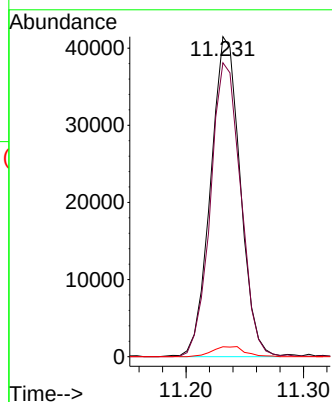
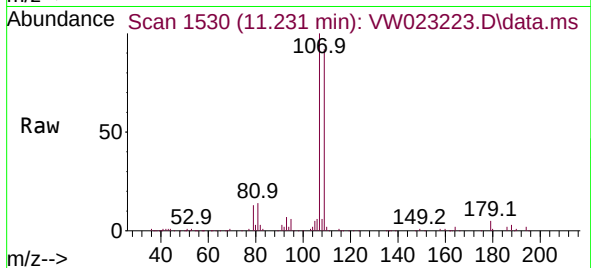




#50
1,2-Dibromoethane
Concen: 27.429 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

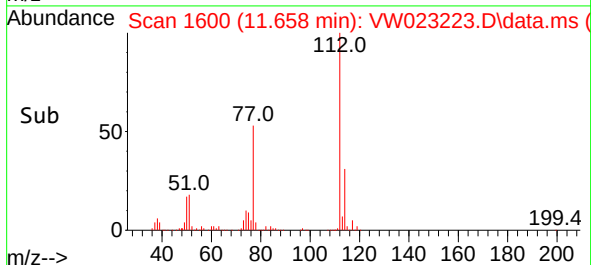
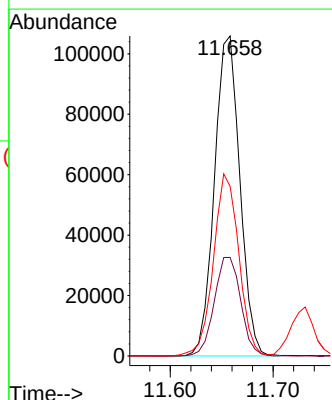
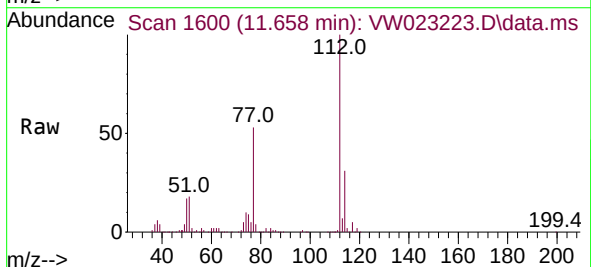
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

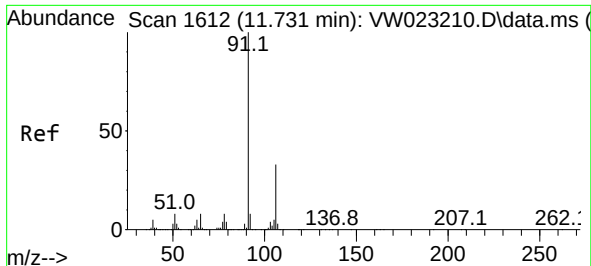
Tgt Ion:107 Resp: 72705
Ion Ratio Lower Upper
107 100
109 91.9 67.5 125.4
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 18.858 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion:112 Resp: 181803
Ion Ratio Lower Upper
112 100
114 30.8 22.0 41.0
77 53.0 42.6 63.8

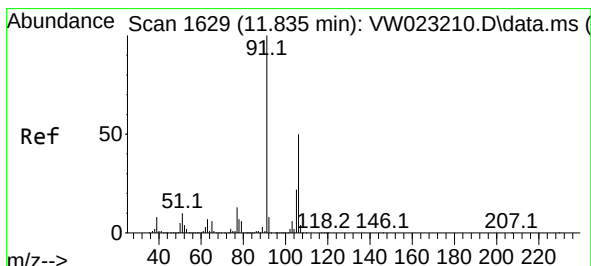
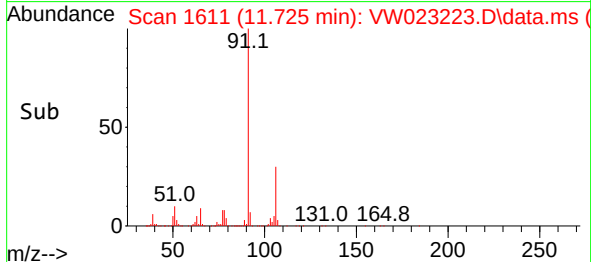
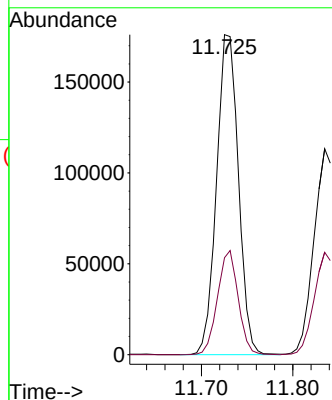
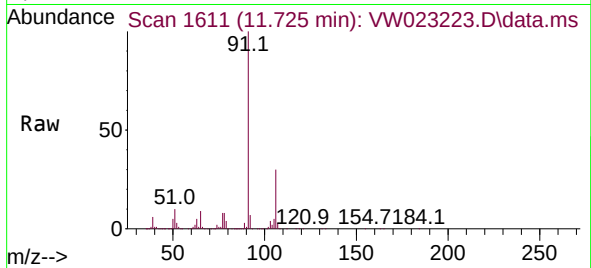




#52
Ethylbenzene
Concen: 17.994 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

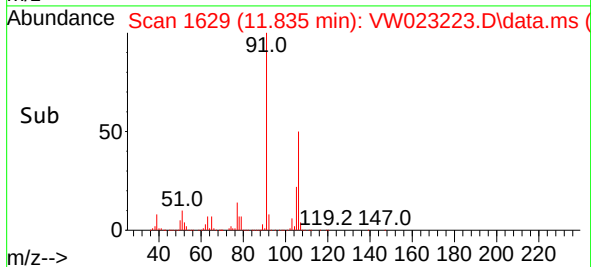
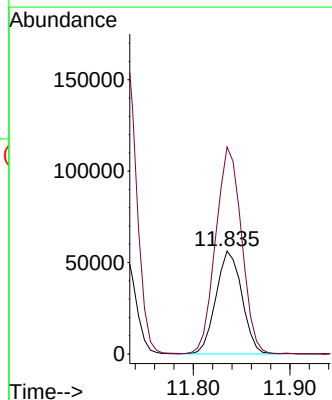
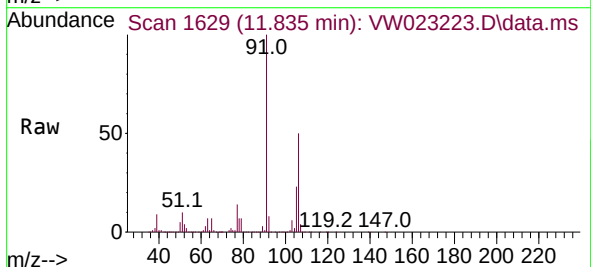
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

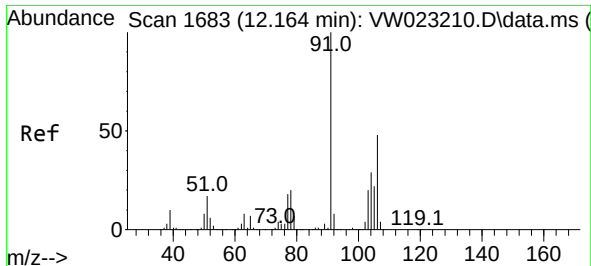
Tgt Ion: 91 Resp: 292748
Ion Ratio Lower Upper
91 100
106 30.3 22.3 41.3



#53
m,p-Xylene
Concen: 16.325 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion: 106 Resp: 104646
Ion Ratio Lower Upper
106 100
91 201.1 136.8 254.0

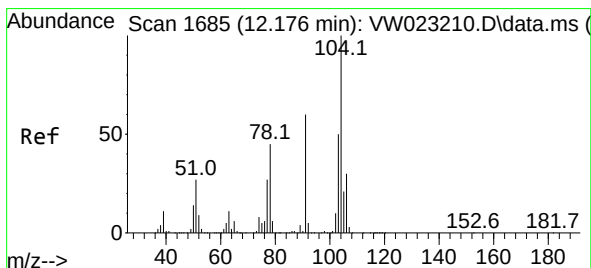
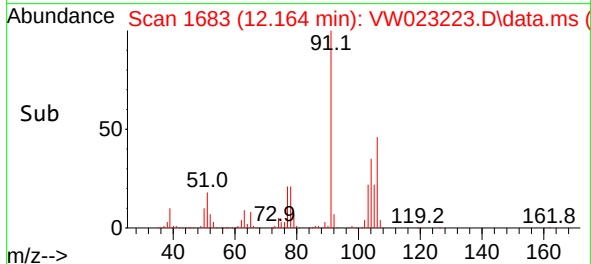
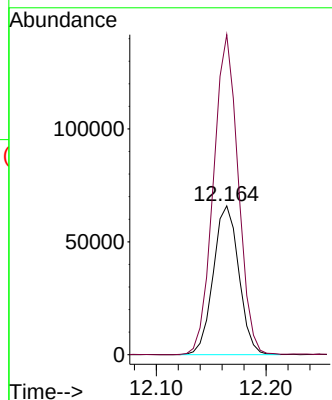
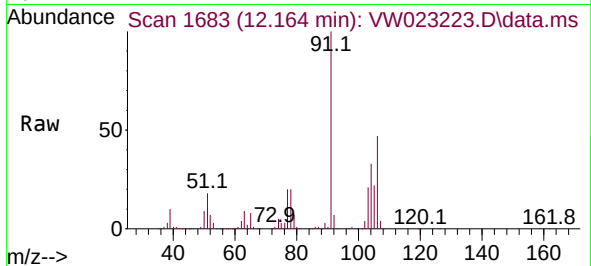




#54
o-Xylene
Concen: 17.352 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

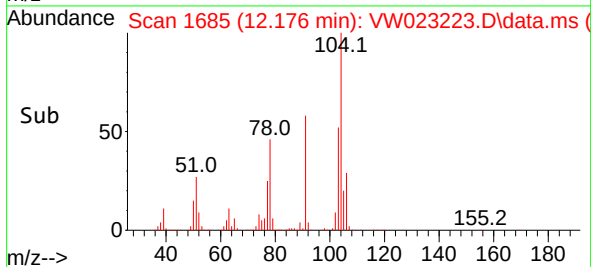
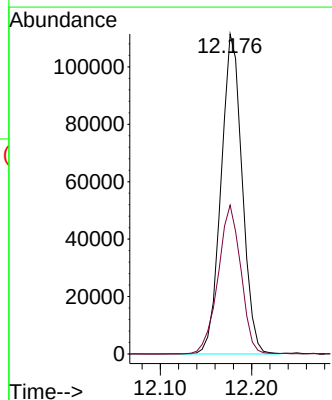
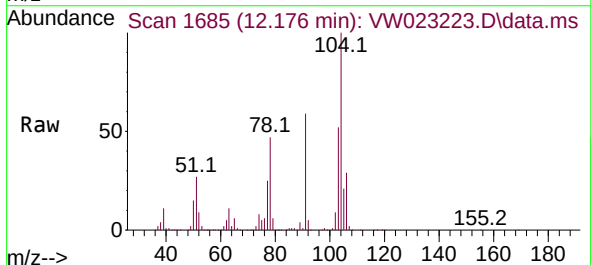
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

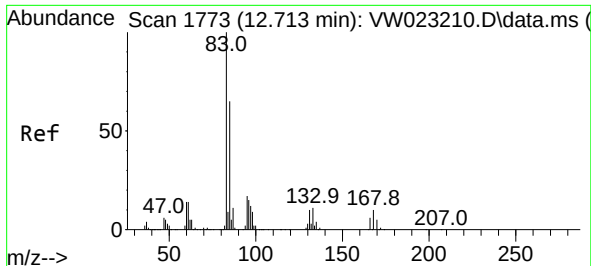
Tgt Ion:106 Resp: 106740
Ion Ratio Lower Upper
106 100
91 214.9 147.2 273.4



#55
Styrene
Concen: 17.123 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion:104 Resp: 178982
Ion Ratio Lower Upper
104 100
78 46.5 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.765 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSDRE

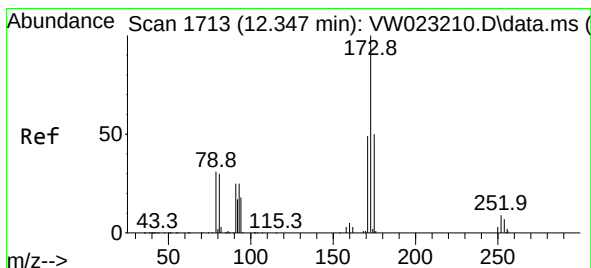
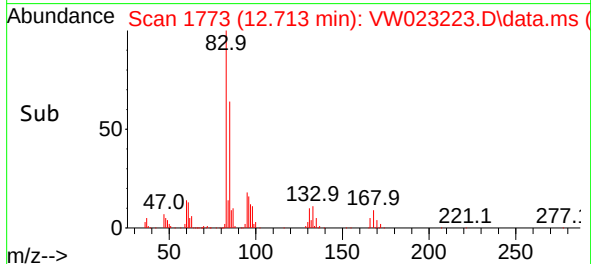
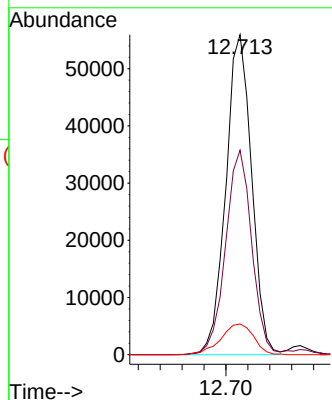
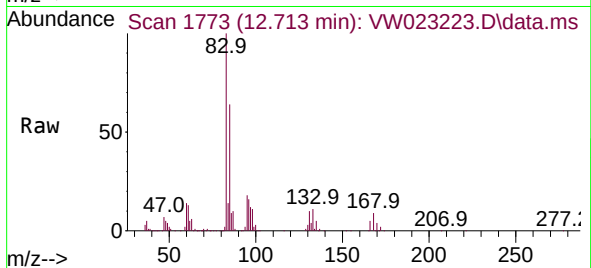
Tgt Ion: 83 Resp: 91546

Ion Ratio Lower Upper

83 100

85 63.9 47.5 88.1

131 9.6 8.7 13.1



#59

Bromoform

Concen: 40.270 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

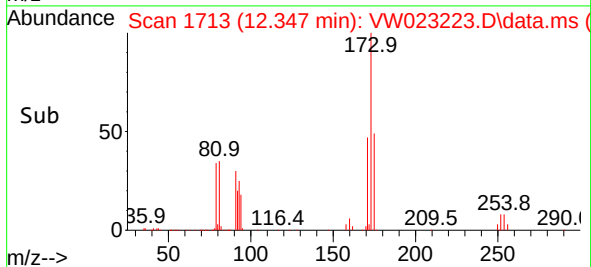
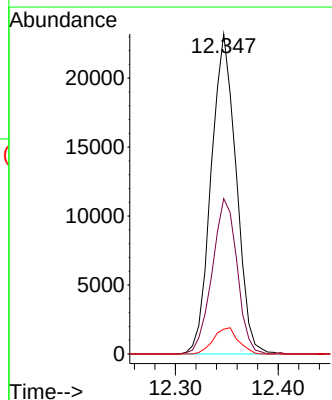
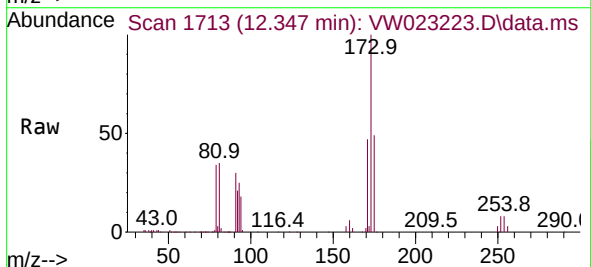
Tgt Ion: 173 Resp: 39162

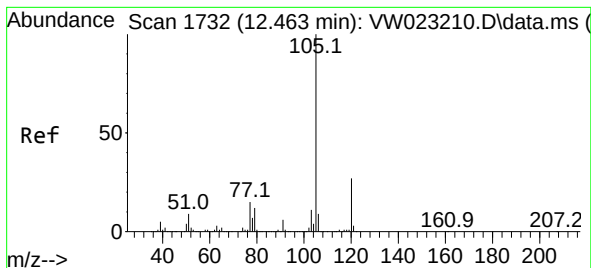
Ion Ratio Lower Upper

173 100

175 48.3 38.1 57.1

254 8.1 6.5 9.7





#60

Isopropylbenzene

Concen: 24.065 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSDRE

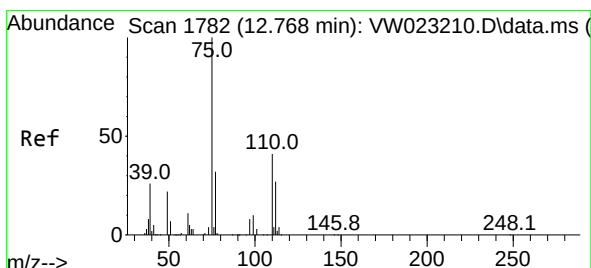
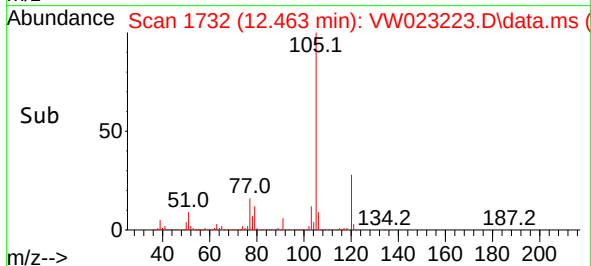
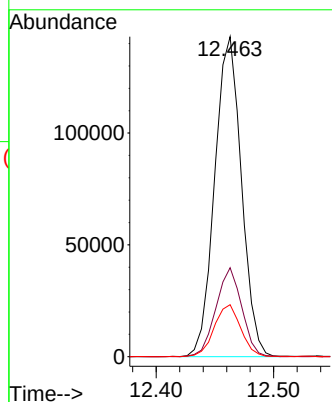
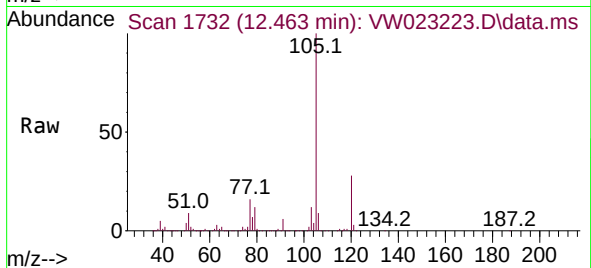
Tgt Ion:105 Resp: 226229

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 16.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 52.089 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

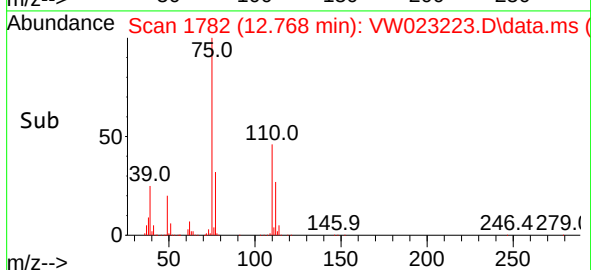
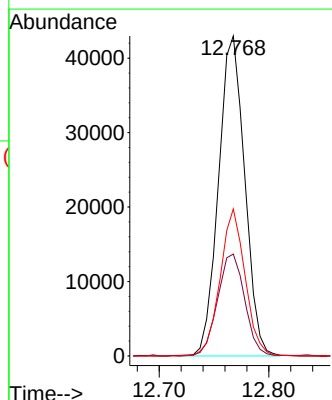
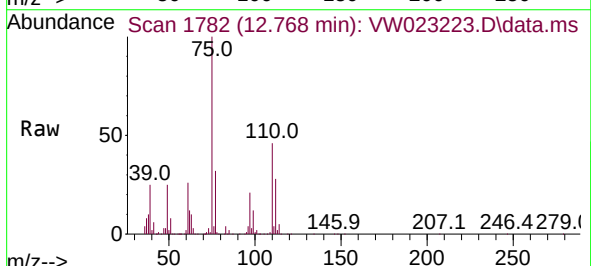
Tgt Ion: 75 Resp: 71420

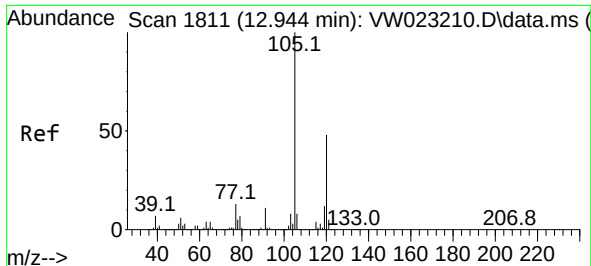
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 43.8 34.1 51.1

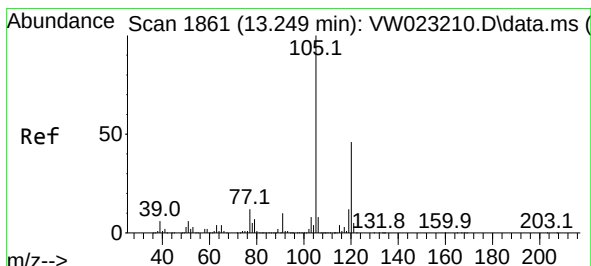
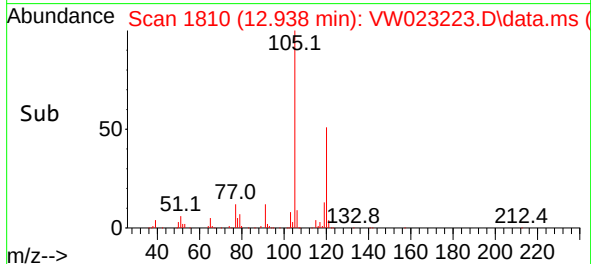
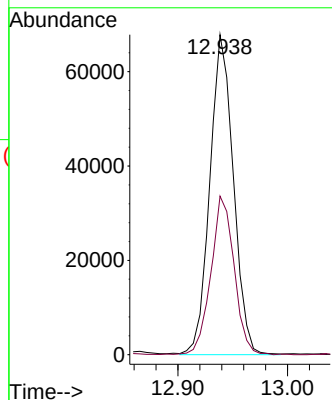
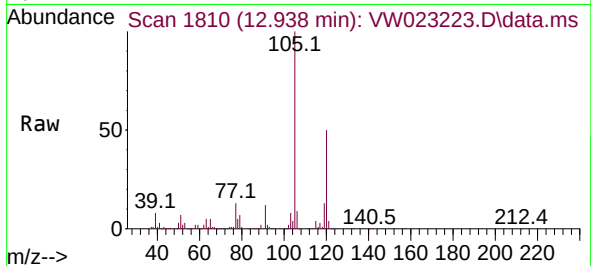




#62
1,3,5-Trimethylbenzene
Concen: 19.358 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

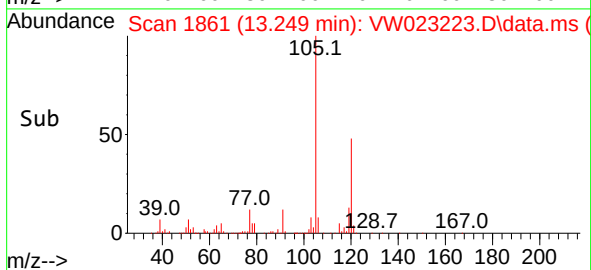
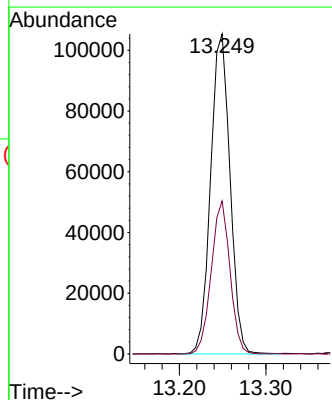
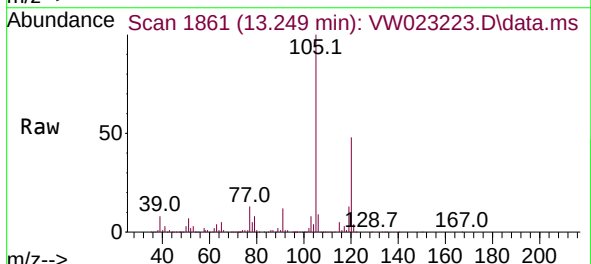
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

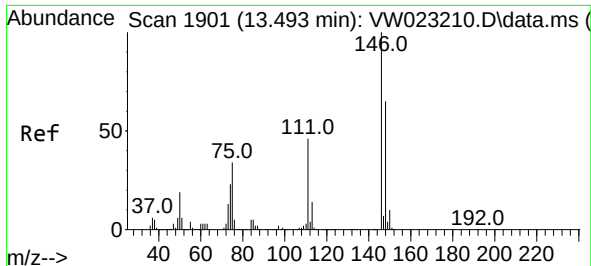
Tgt Ion:105 Resp: 101241
Ion Ratio Lower Upper
105 100
120 48.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 20.890 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion:105 Resp: 164051
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.2

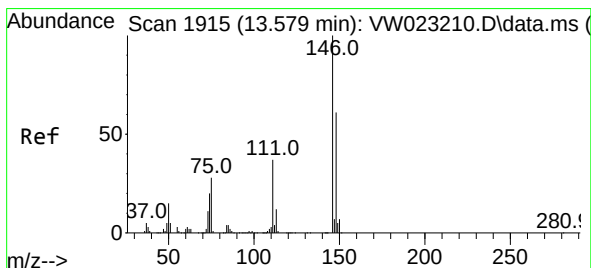
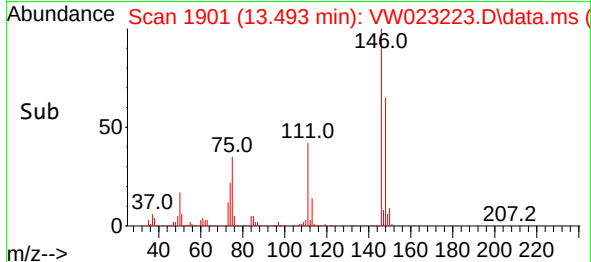
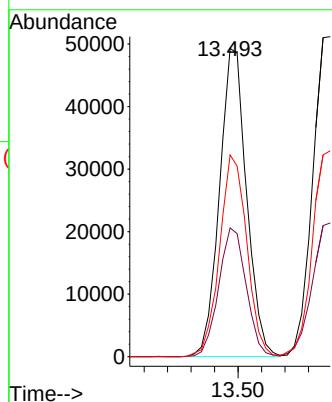
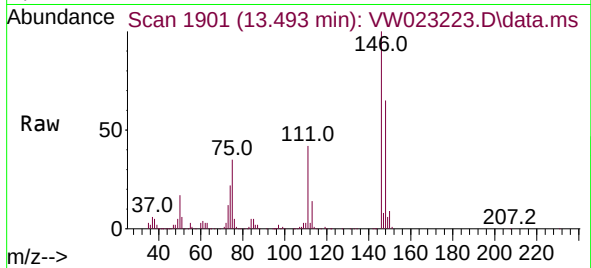




#64
1,3-Dichlorobenzene
Concen: 18.806 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

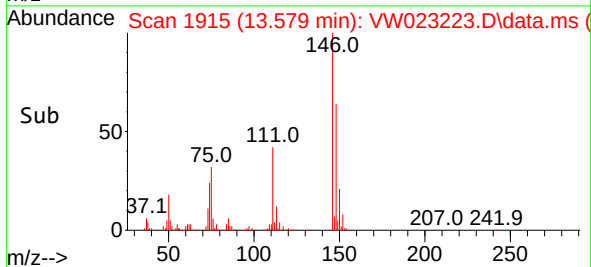
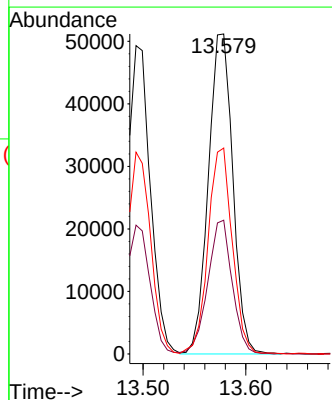
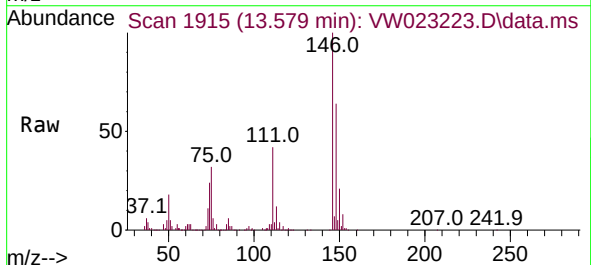
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSDRE

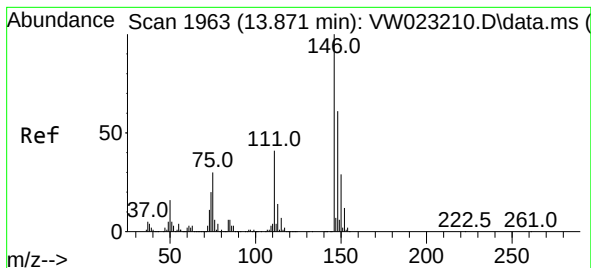
Tgt Ion:146 Resp: 78931
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.9
148 65.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 19.520 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023223.D
Acq: 21 May 2022 01:48

Tgt Ion:146 Resp: 84623
Ion Ratio Lower Upper
146 100
111 41.8 27.2 50.4
148 64.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 20.483 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSDRE

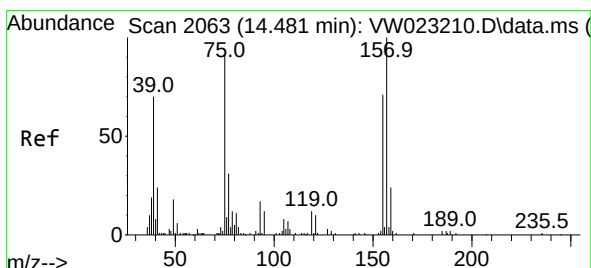
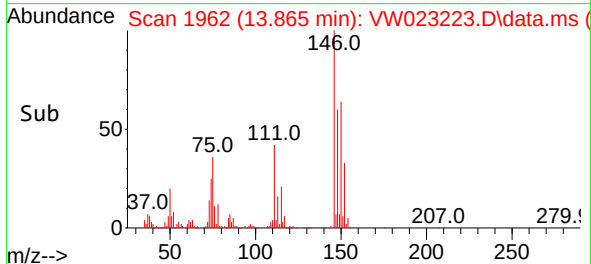
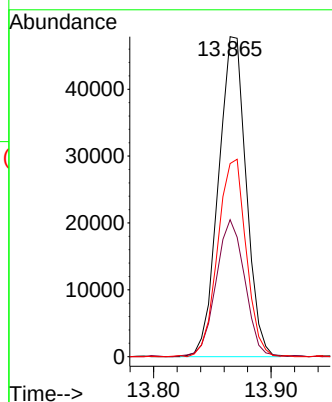
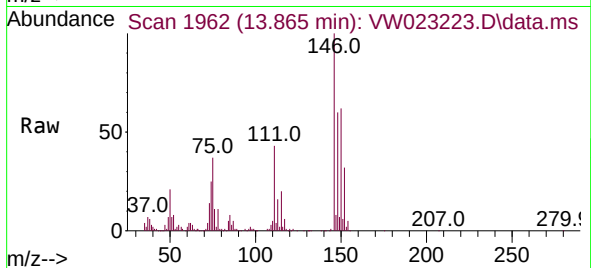
Tgt Ion:146 Resp: 78671

Ion Ratio Lower Upper

146 100

111 42.8 35.7 53.5

148 60.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 46.593 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

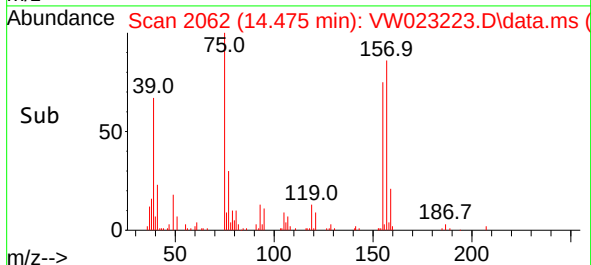
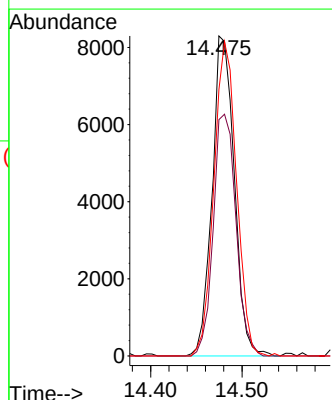
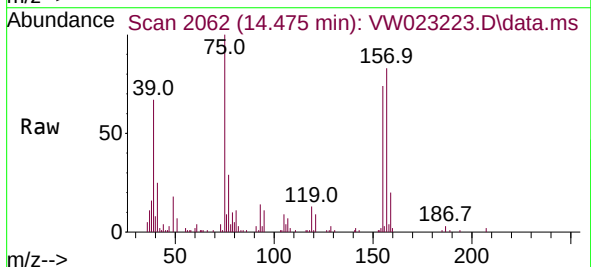
Tgt Ion: 75 Resp: 13962

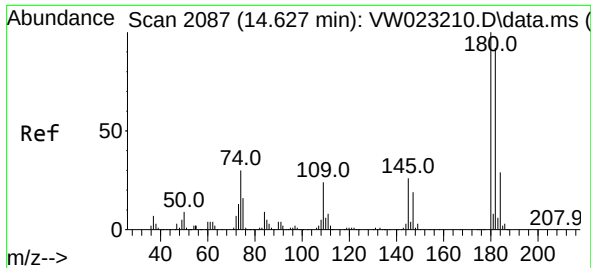
Ion Ratio Lower Upper

75 100

155 76.6 59.3 88.9

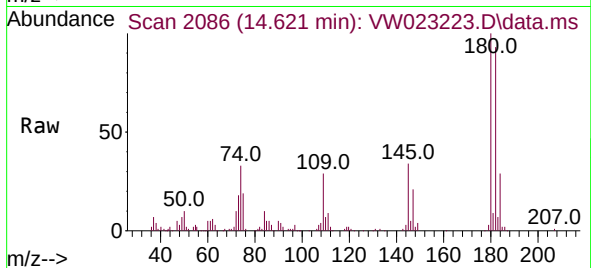
157 83.3 89.8 134.8#



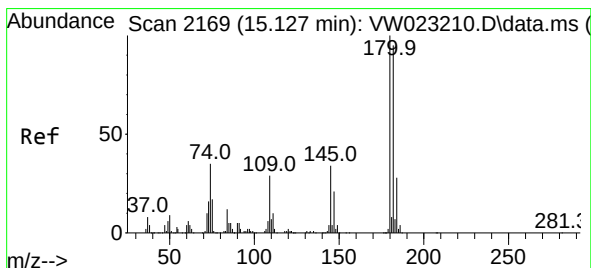
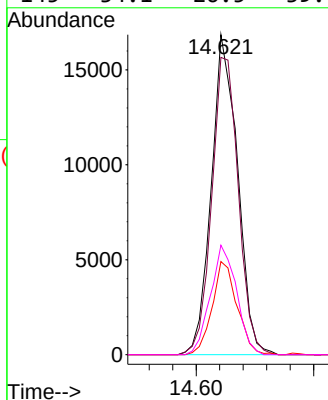
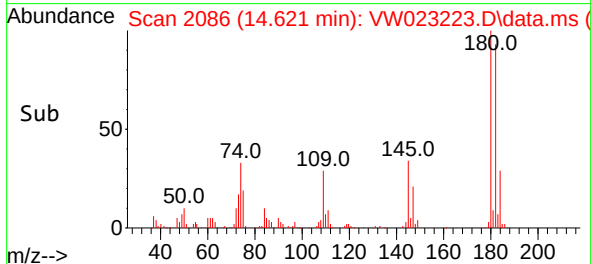


#69
 1,3,5-Trichlorobenzene
 Concen: 9.381 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW023223.D
 Acq: 21 May 2022 01:48

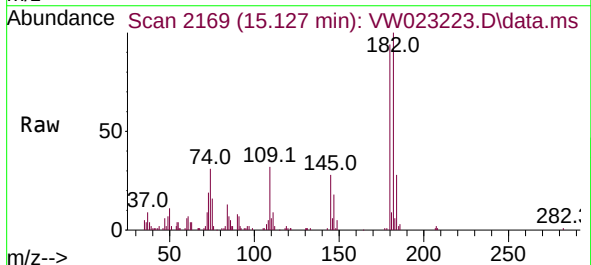
Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSDRE



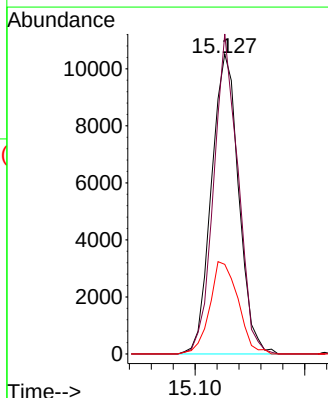
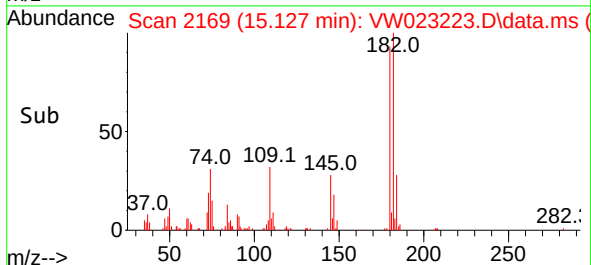
Tgt Ion:180 Resp: 26135
 Ion Ratio Lower Upper
 180 100
 182 94.1 74.8 112.2
 184 27.7 23.4 35.2
 145 34.1 26.5 39.7

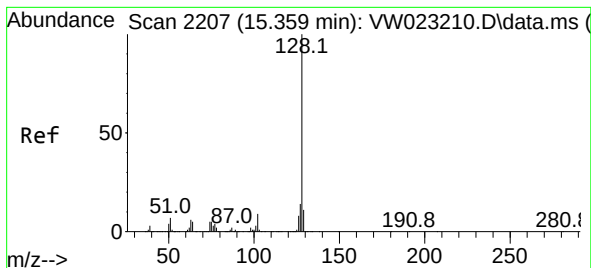


#70
 1,2,4-trichlorobenzene
 Concen: 8.111 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023223.D
 Acq: 21 May 2022 01:48



Tgt Ion:180 Resp: 18177
 Ion Ratio Lower Upper
 180 100
 182 95.3 74.9 112.3
 145 31.9 26.6 39.8





#71

Naphthalene

Concen: 17.104 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSDRE

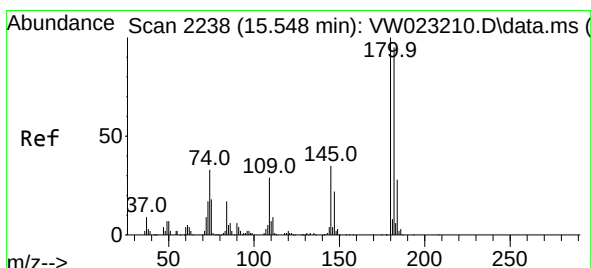
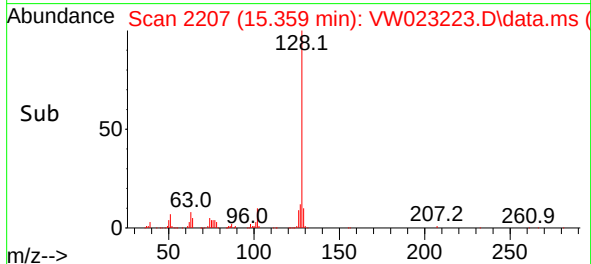
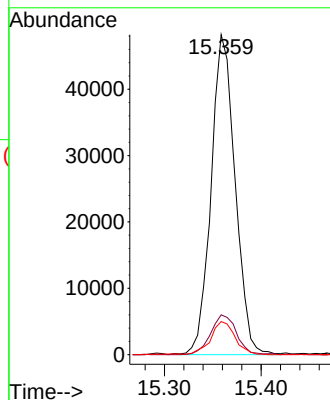
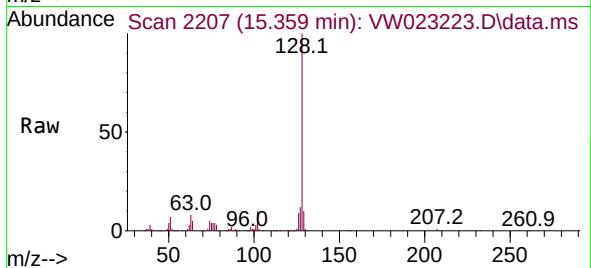
Tgt Ion:128 Resp: 83313

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.4 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 7.957 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023223.D

Acq: 21 May 2022 01:48

Tgt Ion:180 Resp: 15805

Ion Ratio Lower Upper

180 100

182 95.6 73.5 110.3

145 34.6 27.9 41.9

