

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023222.D
 Acq On : 21 May 2022 01:24
 Operator : SY/VA
 Sample : N2929-02MSRE
 Misc : 6.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSRE

Quant Time: May 21 01:52:23 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	243219	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197825	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	66907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	103688	20.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
7) Chloroethane-d5	2.885	69	79631	24.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.120%
11) 1,1-Dichloroethene-d2	4.025	63	126623	19.639	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.560%
21) 2-Butanone-d5	7.080	46	74272m	78.283	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.560%#
24) Chloroform-d	7.647	84	198700	27.885	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.520%
26) 1,2-Dichloroethane-d4	8.305	65	127122	32.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.120%#
32) Benzene-d6	8.275	84	346909	30.424	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.680%
36) 1,2-Dichloropropane-d6	9.274	67	112409	35.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.360%#
41) Toluene-d8	10.323	98	290725	26.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.560%
43) trans-1,3-Dichloroprop...	10.579	79	44834	30.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.600%
47) 2-Hexanone-d5	10.927	63	64964	106.246	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	212.500%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127223	42.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	170.440%#
66) 1,2-Dichlorobenzene-d4	13.853	152	60762	25.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	30793	23.225	ug/L	95
3) Chloromethane	2.215	50	65495	25.563	ug/L	99
5) Vinyl chloride	2.361	62	96700	18.806	ug/L	99
6) Bromomethane	2.776	94	49090	14.870	ug/L	91
8) Chloroethane	2.916	64	50807	20.486	ug/L	99
9) Trichlorofluoromethane	3.257	101	39251	16.702	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	64846	18.453	ug/L	98
12) 1,1-Dichloroethene	4.038	96	58548	18.795	ug/L	88
13) Acetone	4.123	43	60324	84.925	ug/L	98
14) Carbon disulfide	4.385	76	101726	11.911	ug/L	100
15) Methyl Acetate	4.672	43	50334m	35.272	ug/L	
16) Methylene chloride	4.916	84	81961	23.030	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	66164	18.874	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	170696	31.897	ug/L	99
19) 1,1-Dichloroethane	6.214	63	138701	23.345	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	84303	22.390	ug/L #	99
22) 2-Butanone	7.171	43	81996	82.542	ug/L	94
23) Bromochloromethane	7.513	128	44177	25.053	ug/L	90
25) Chloroform	7.677	83	157442	23.965	ug/L	97

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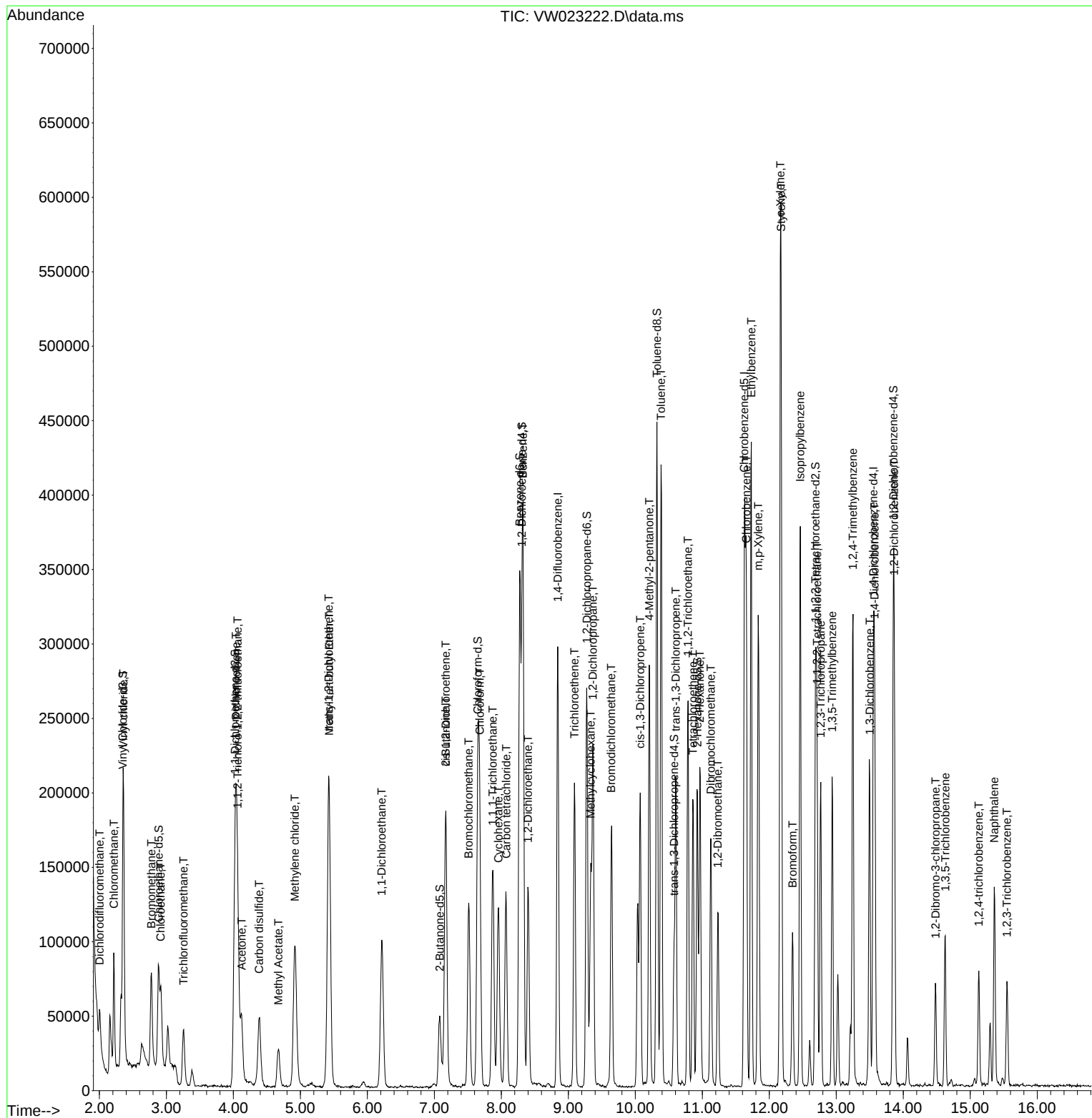
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	118708	27.107	ug/L	99
29) Cyclohexane	7.958	56	61465	14.367	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	120010	25.671	ug/L	99
31) Carbon tetrachloride	8.073	117	93799	21.449	ug/L	99
33) Benzene	8.323	78	303824	26.070	ug/L	100
34) Trichloroethene	9.092	95	69270	21.613	ug/L	97
35) Methylcyclohexane	9.335	83	55628	10.565	ug/L	96
37) 1,2-Dichloropropane	9.366	63	79745	28.276	ug/L	98
38) Bromodichloromethane	9.640	83	112325	28.041	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	113321	25.914	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	172004	96.763	ug/L	98
42) Toluene	10.384	91	307441	23.540	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	106110	27.186	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	79448	33.699	ug/L	95
46) Tetrachloroethene	10.860	164	40178	16.681	ug/L	93
48) 2-Hexanone	10.963	43	147540	124.223	ug/L	88
49) Dibromochloromethane	11.128	129	80864	28.498	ug/L	92
50) 1,2-Dibromoethane	11.231	107	76836	32.457	ug/L	91
51) Chlorobenzene	11.658	112	182009	21.139	ug/L	97
52) Ethylbenzene	11.731	91	284043	19.549	ug/L	95
53) m,p-Xylene	11.835	106	101585	17.744	ug/L	88
54) o-Xylene	12.164	106	106578	19.399	ug/L	99
55) Styrene	12.176	104	182621	19.562	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	100012	33.963	ug/L	97
59) Bromoform	12.347	173	43028	45.379	ug/L	99
60) Isopropylbenzene	12.463	105	225365	24.587	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	78999	59.093	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	106143	20.815	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	169184	22.096	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	81364	19.882	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	87825	20.777	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	86225	23.025	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15376	52.627	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	29294	10.784	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	21687	9.925	ug/L	98
71) Naphthalene	15.359	128	110615	23.291	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	20879	10.781	ug/L	98

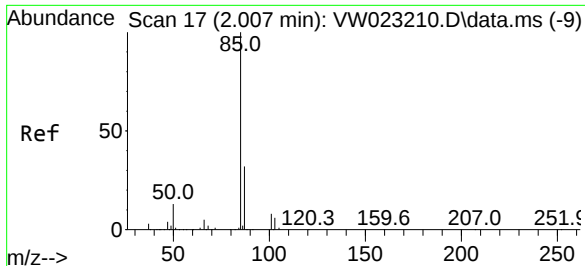
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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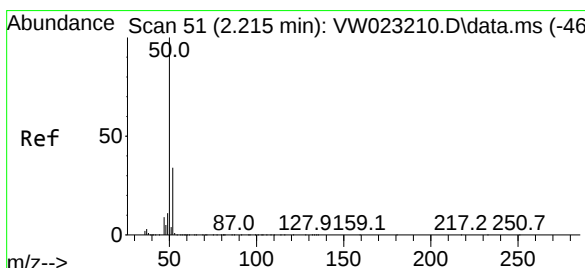
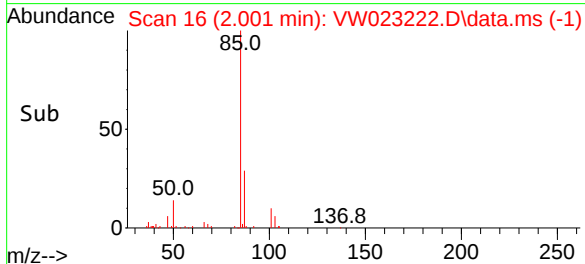
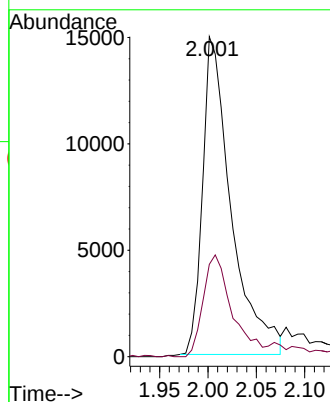
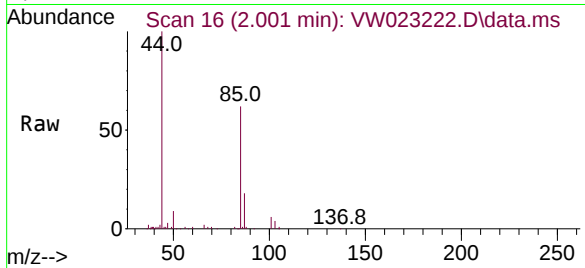




#2
Dichlorodifluoromethane
Concen: 23.225 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

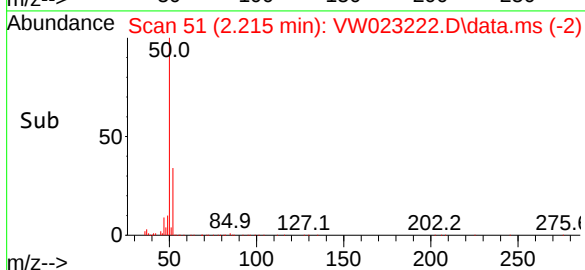
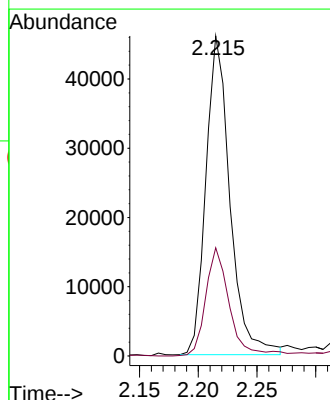
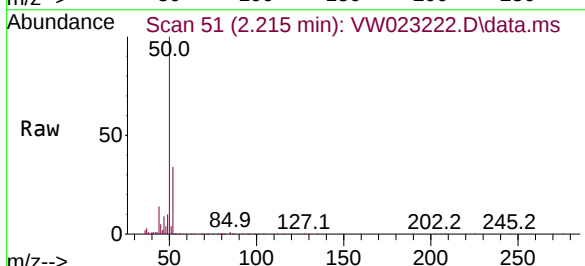
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ClientSampleId :
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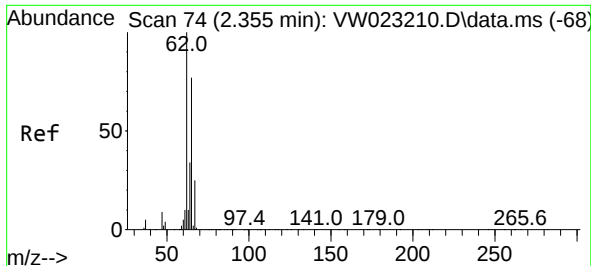
Tgt Ion: 85 Resp: 30793
Ion Ratio Lower Upper
85 100
87 32.1 27.8 41.8



#3
Chloromethane
Concen: 25.563 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 50 Resp: 65495
Ion Ratio Lower Upper
50 100
52 33.8 23.1 42.9

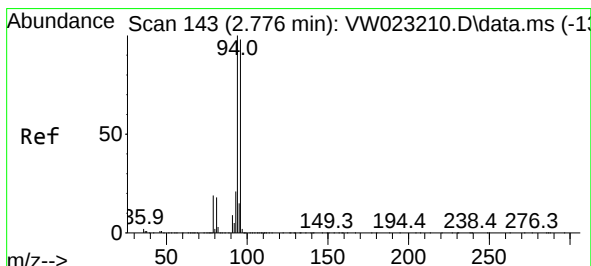
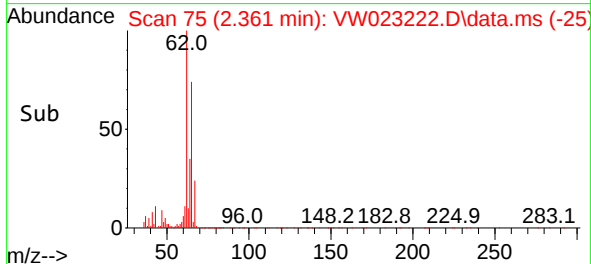
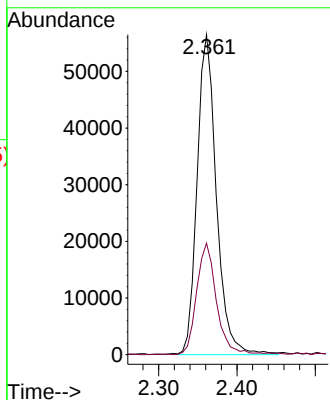
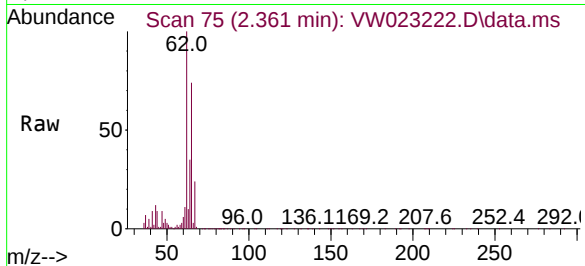




#5
 Vinyl chloride
 Concen: 18.806 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW023222.D
 Acq: 21 May 2022 01:24

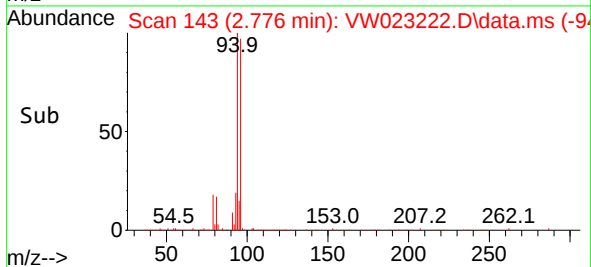
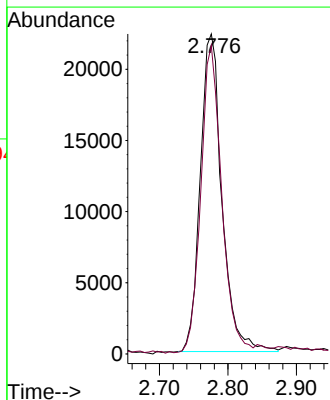
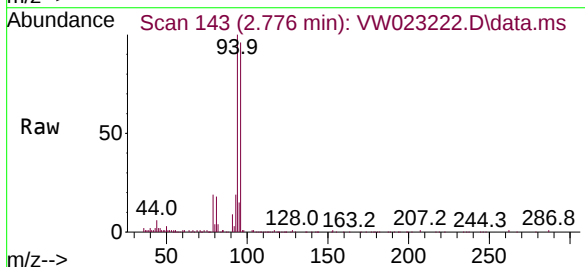
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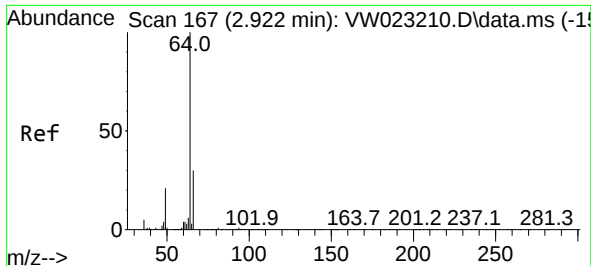
Tgt Ion: 62 Resp: 96700
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.9 46.3



#6
 Bromomethane
 Concen: 14.870 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023222.D
 Acq: 21 May 2022 01:24

Tgt Ion: 94 Resp: 49090
 Ion Ratio Lower Upper
 94 100
 96 96.4 61.7 114.5

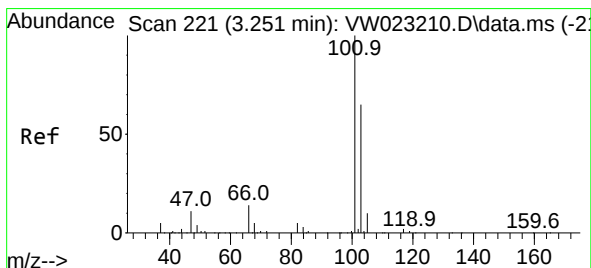
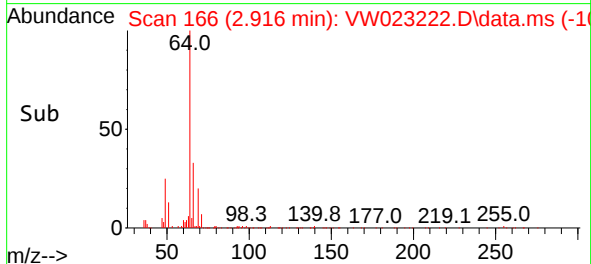
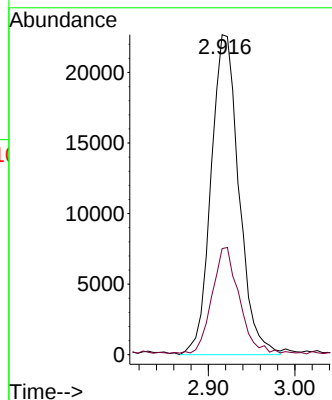
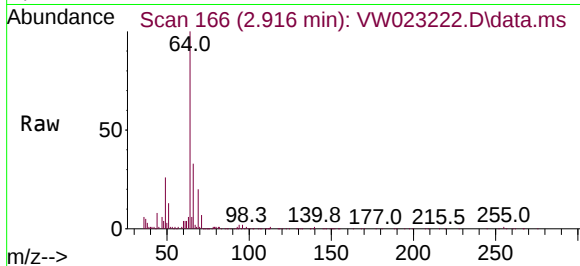




#8
Chloroethane
Concen: 20.486 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

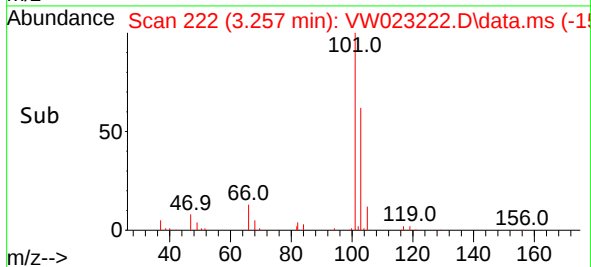
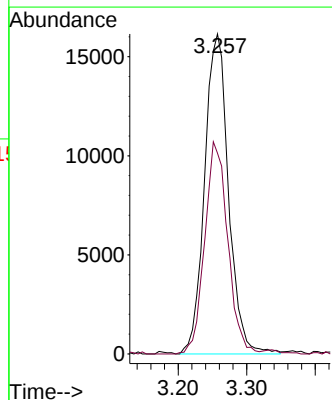
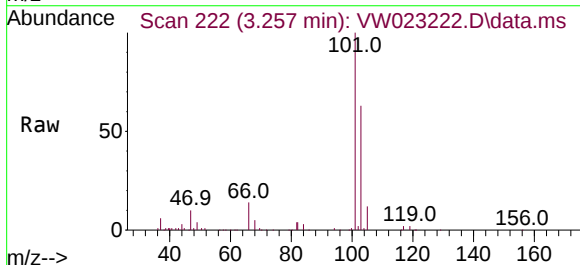
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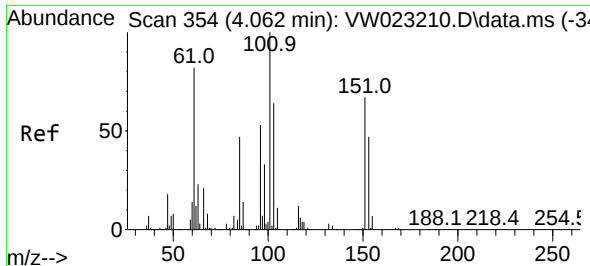
Tgt Ion: 64 Resp: 50807
Ion Ratio Lower Upper
64 100
66 33.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 16.702 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 101 Resp: 39251
Ion Ratio Lower Upper
101 100
103 63.8 53.9 80.9

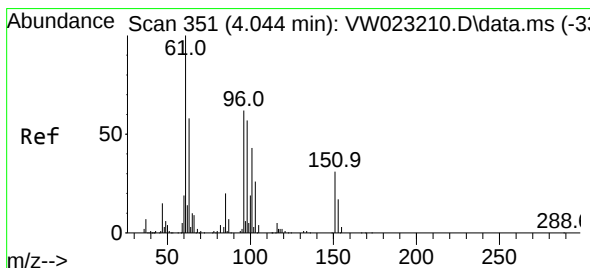
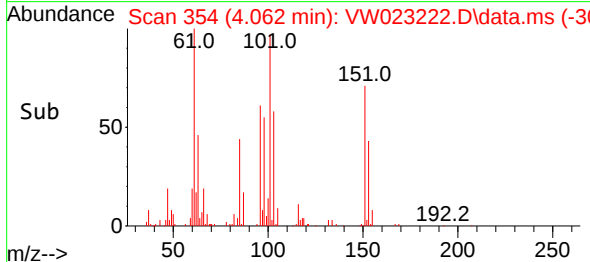
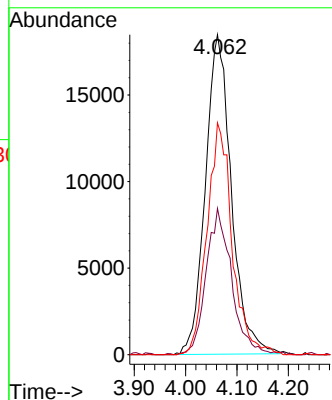
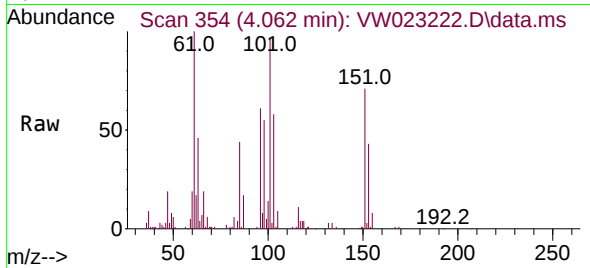




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.453 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023222.D
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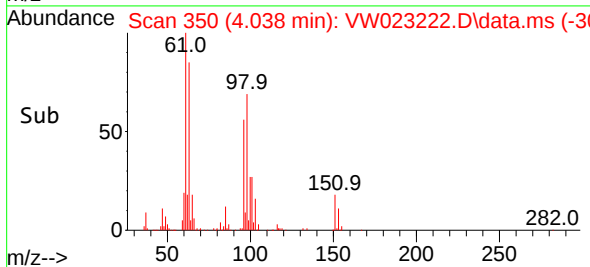
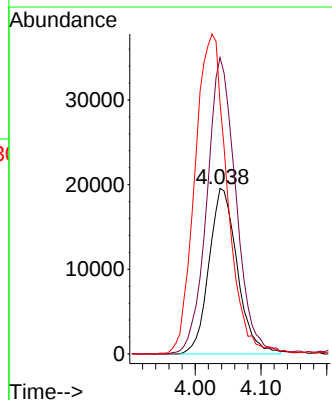
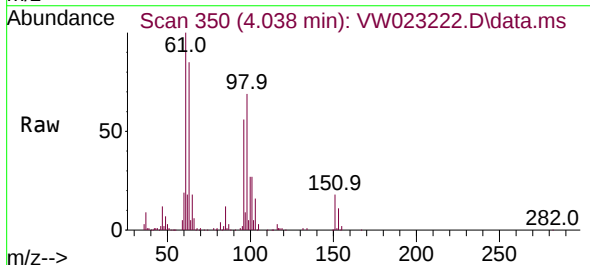
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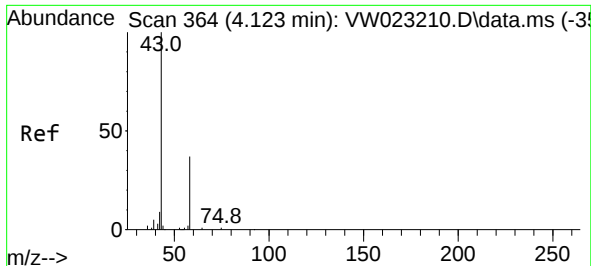
Tgt Ion:101 Resp: 64846
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.3 51.5
 151 69.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 18.795 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023222.D
 Acq: 21 May 2022 01:24

Tgt Ion: 96 Resp: 58548
 Ion Ratio Lower Upper
 96 100
 61 178.9 125.7 233.5
 63 151.5 83.4 155.0

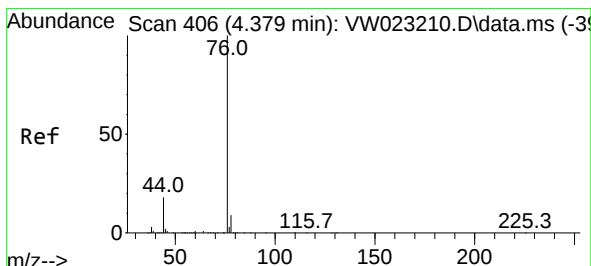
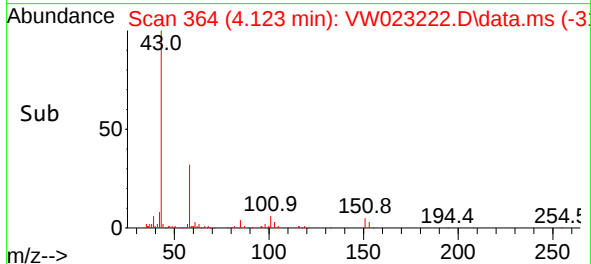
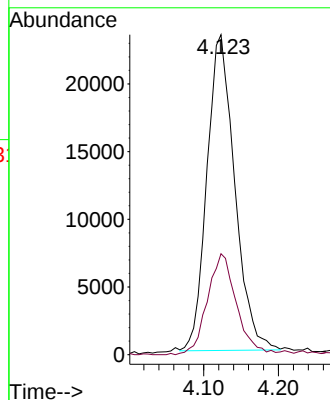
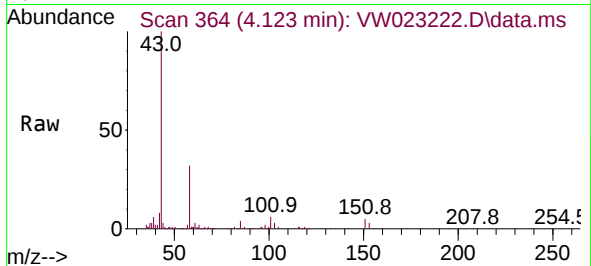




#13
Acetone
Concen: 84.925 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023222.D
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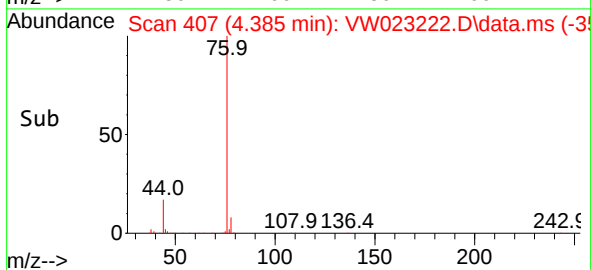
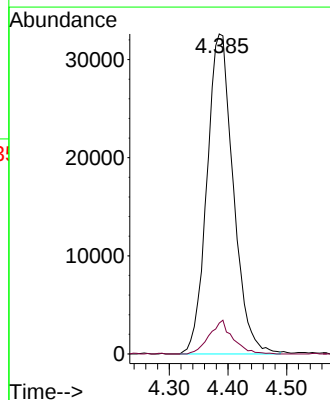
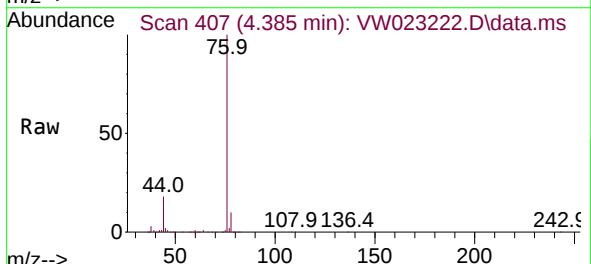
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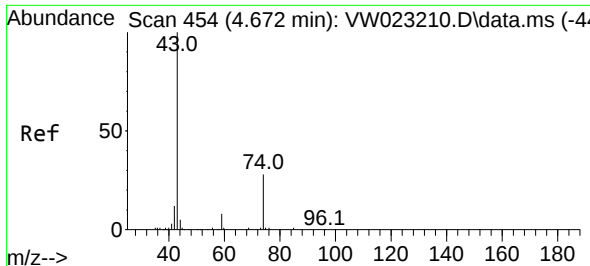
Tgt Ion: 43 Resp: 60324
Ion Ratio Lower Upper
43 100
58 33.0 0.0 64.0



#14
Carbon disulfide
Concen: 11.911 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023222.D
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Tgt Ion: 76 Resp: 101726
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5

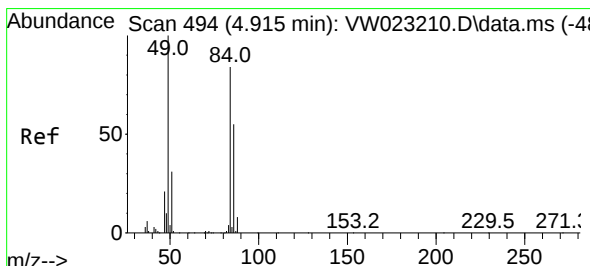
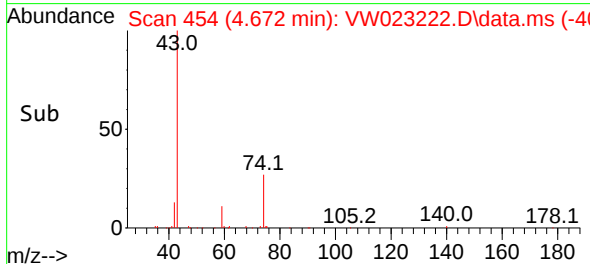
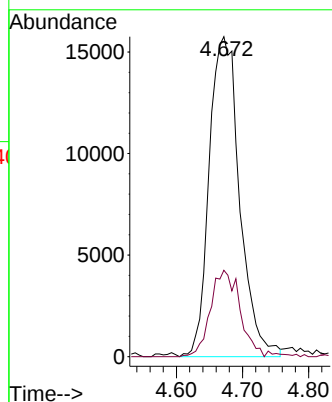
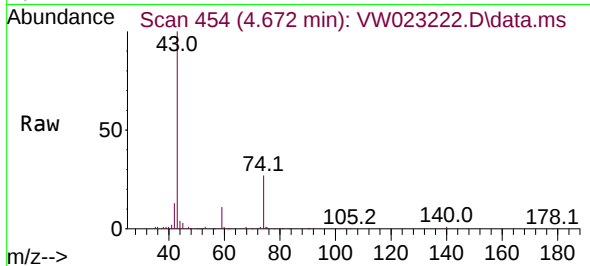




#15
Methyl Acetate
Concen: 35.272 ug/L m
RT: 4.672 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

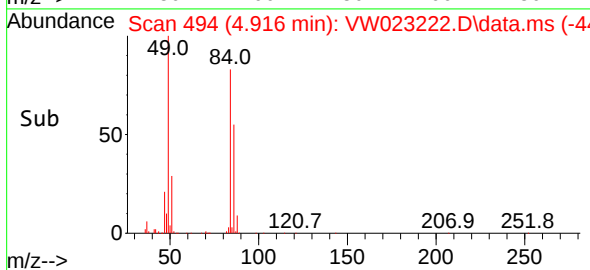
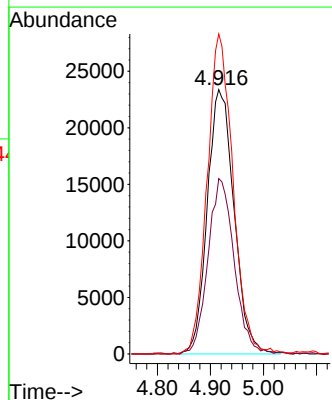
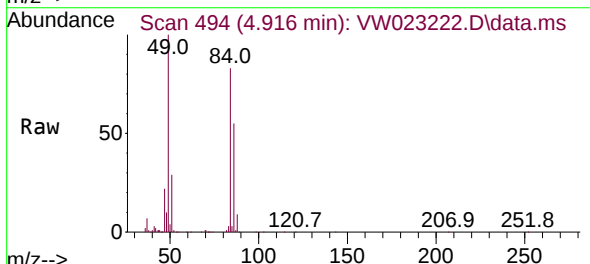
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

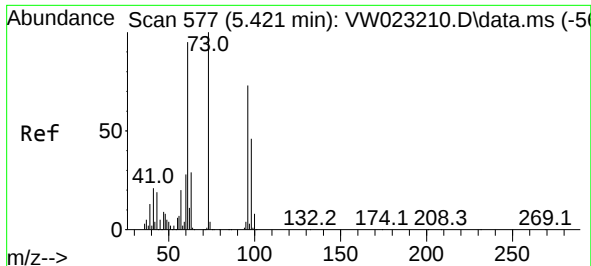
Tgt Ion: 43 Resp: 50334
Ion Ratio Lower Upper
43 100
74 0.1 21.9 32.9#



#16
Methylene chloride
Concen: 23.030 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 84 Resp: 81961
Ion Ratio Lower Upper
84 100
86 66.3 45.4 84.4
49 121.0 82.5 153.1

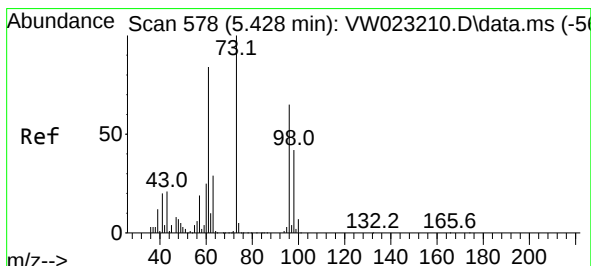
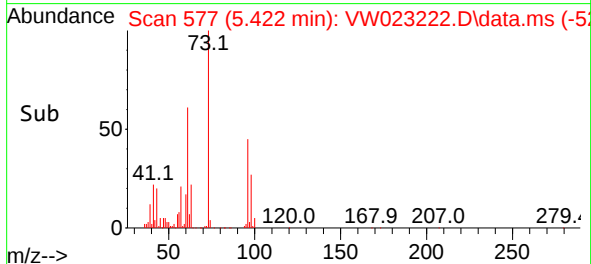
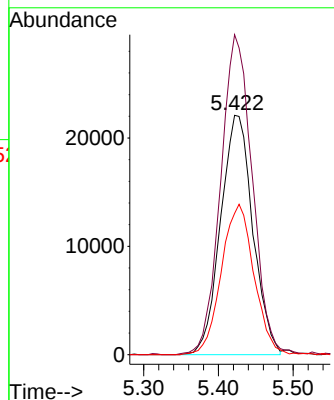
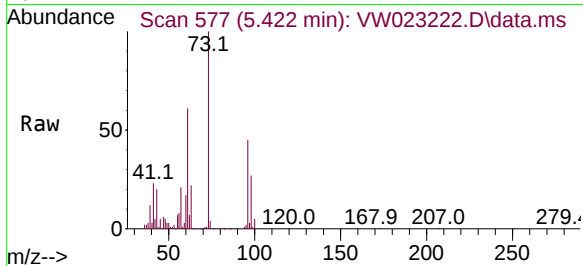




#17
trans-1,2-Dichloroethene
Concen: 18.874 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

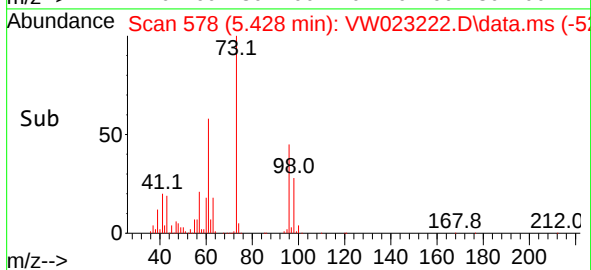
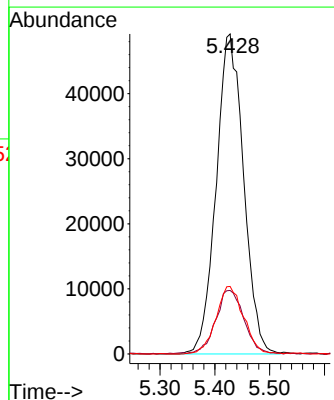
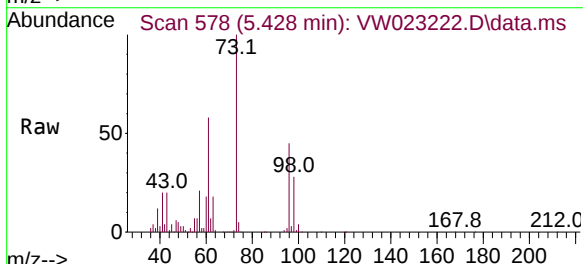
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

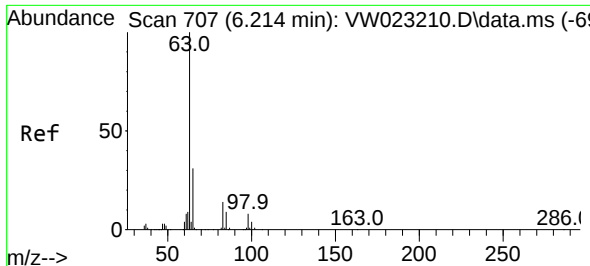
Tgt Ion: 96 Resp: 66164
Ion Ratio Lower Upper
96 100
61 133.7 92.2 171.2
98 59.0 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 31.897 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 73 Resp: 170696
Ion Ratio Lower Upper
73 100
43 20.5 15.9 23.9
57 21.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.345 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSRE

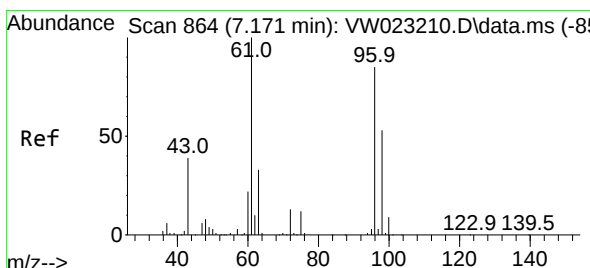
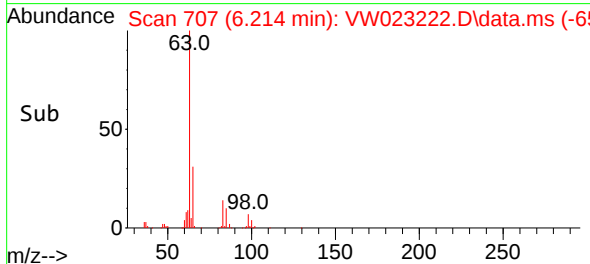
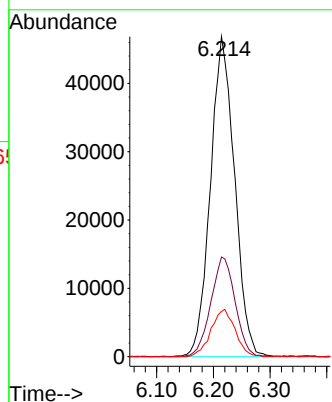
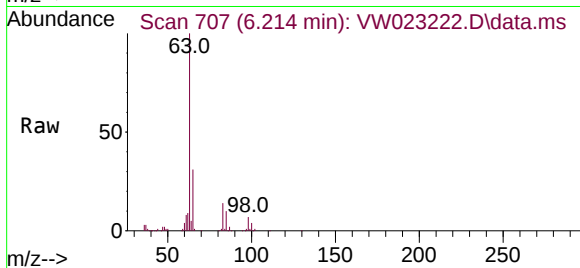
Tgt Ion: 63 Resp: 138701

Ion Ratio Lower Upper

63 100

65 31.1 23.3 43.3

83 14.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.390 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

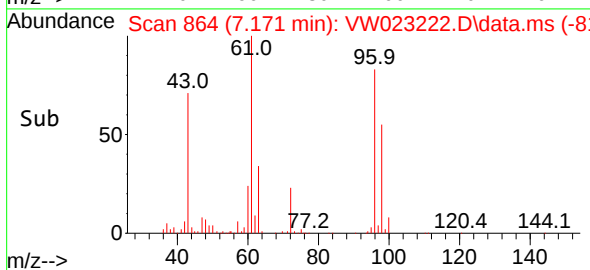
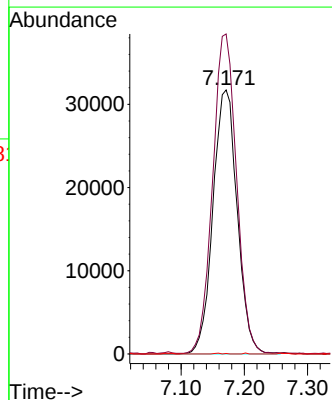
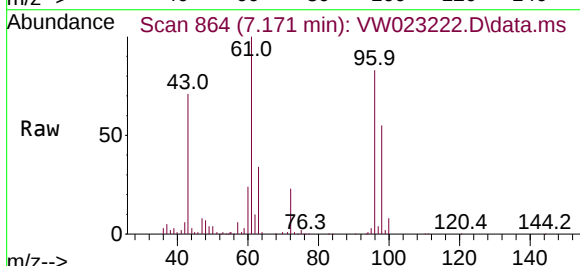
Tgt Ion: 96 Resp: 84303

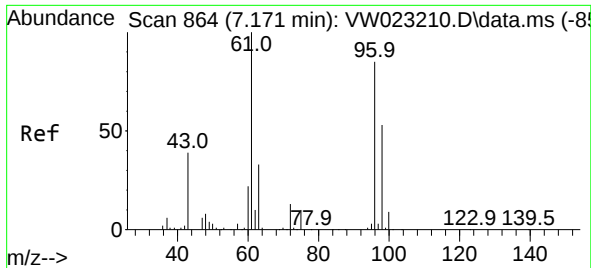
Ion Ratio Lower Upper

96 100

61 121.2 84.2 156.4

68 0.2 0.1 0.1#

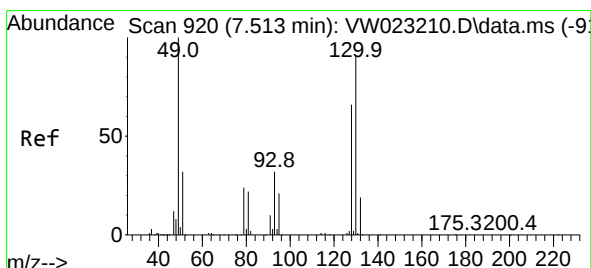
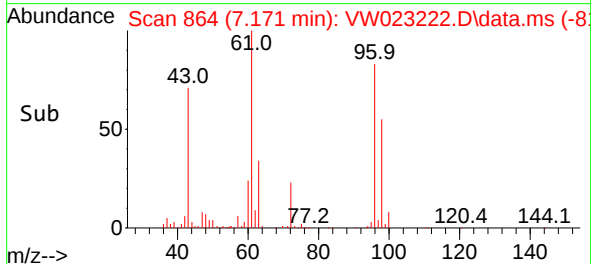
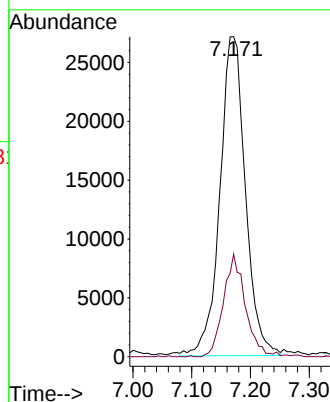
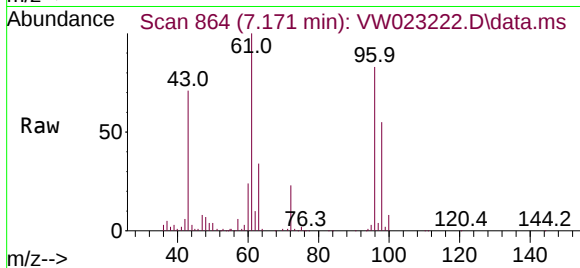




#22
2-Butanone
Concen: 82.542 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

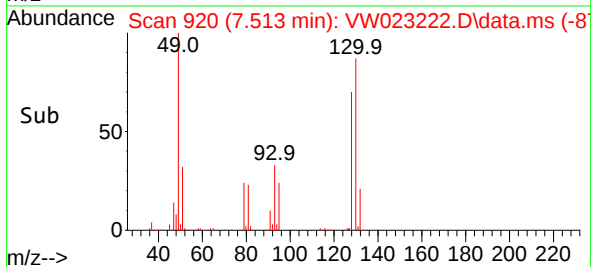
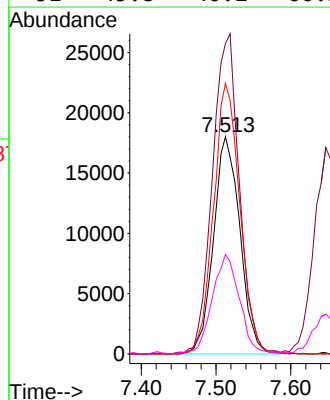
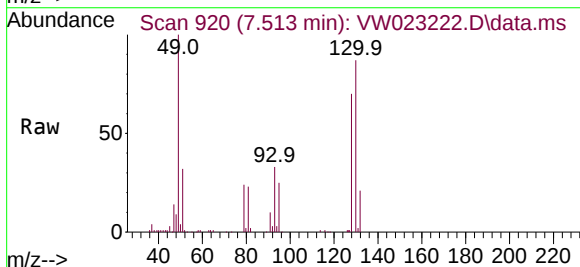
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

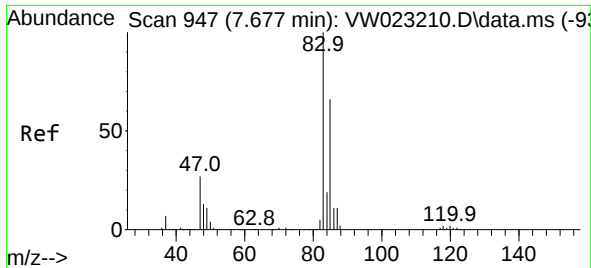
Tgt Ion: 43 Resp: 81996
Ion Ratio Lower Upper
43 100
72 27.0 15.1 45.3



#23
Bromochloromethane
Concen: 25.053 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 128 Resp: 44177
Ion Ratio Lower Upper
128 100
49 143.0 110.0 204.4
130 124.5 94.8 176.0
51 45.8 40.2 60.2

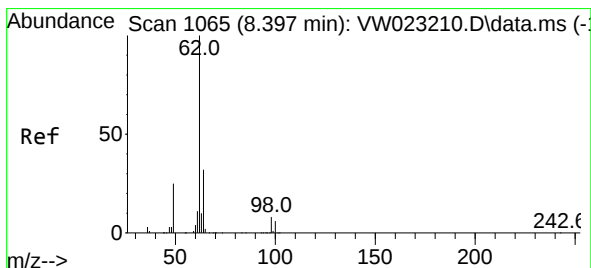
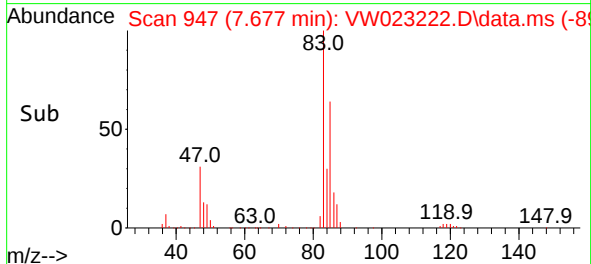
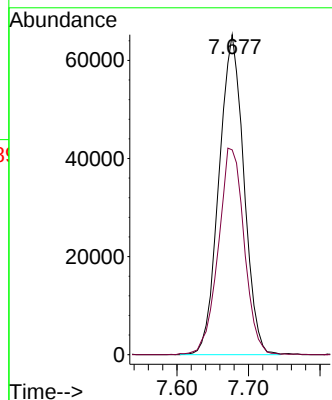
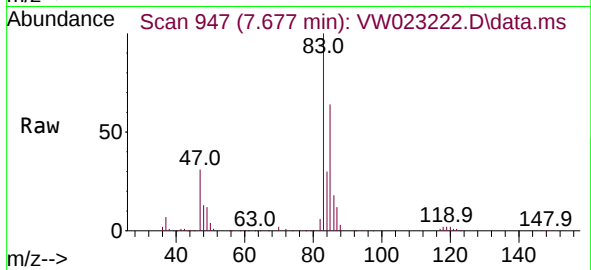




#25
Chloroform
Concen: 23.965 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

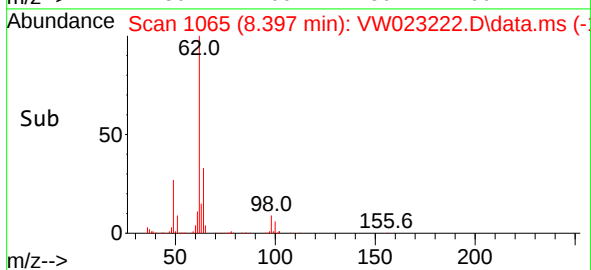
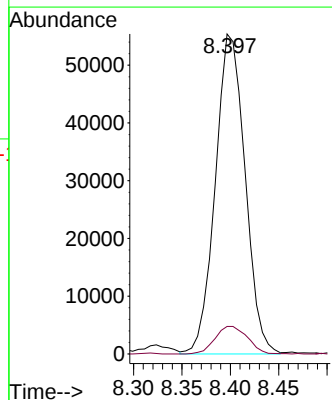
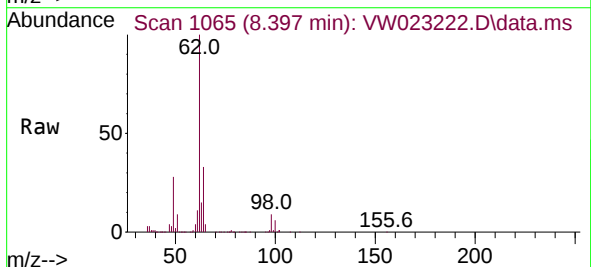
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

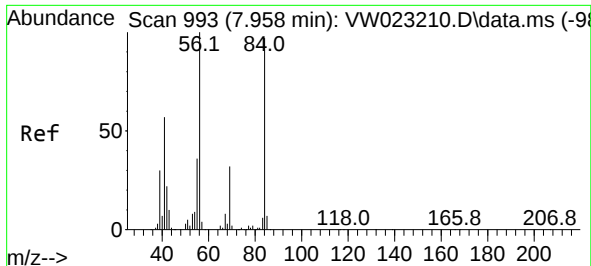
Tgt Ion: 83 Resp: 157442
Ion Ratio Lower Upper
83 100
85 64.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.107 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 62 Resp: 118708
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8

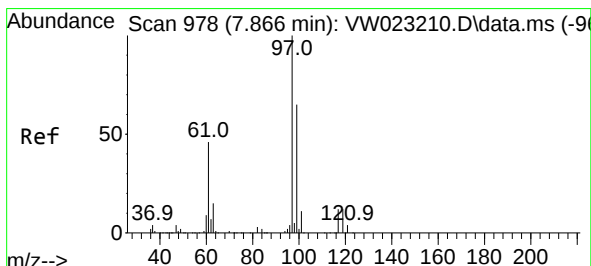
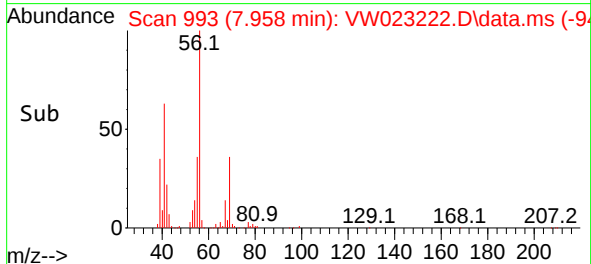
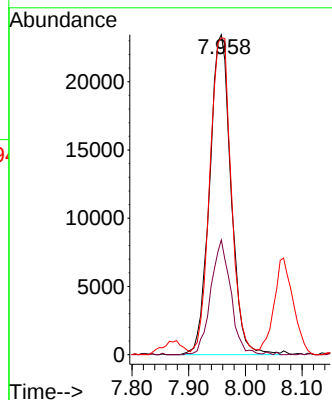
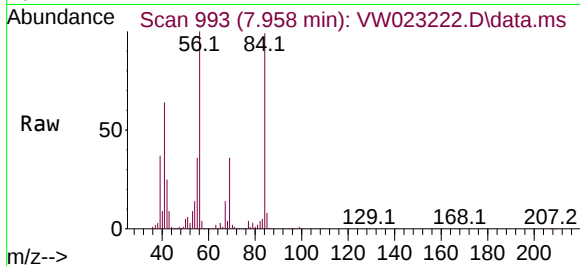




#29
Cyclohexane
Concen: 14.367 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

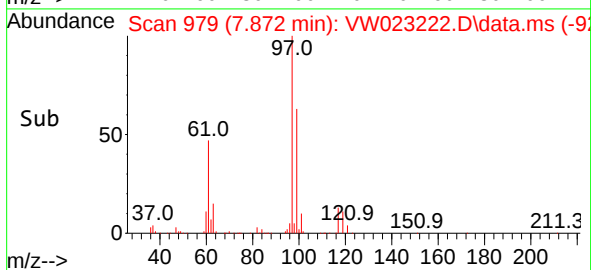
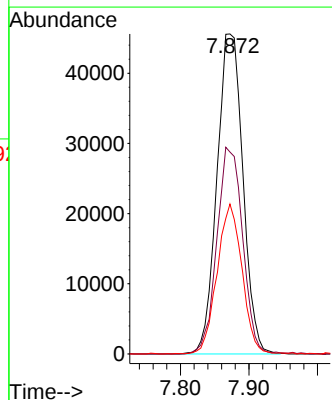
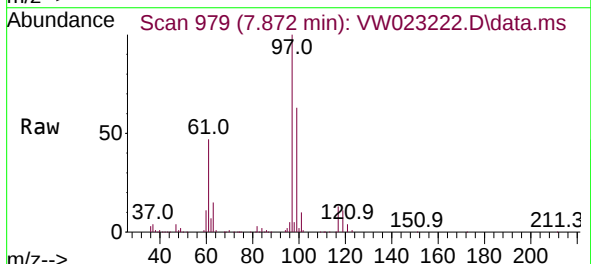
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

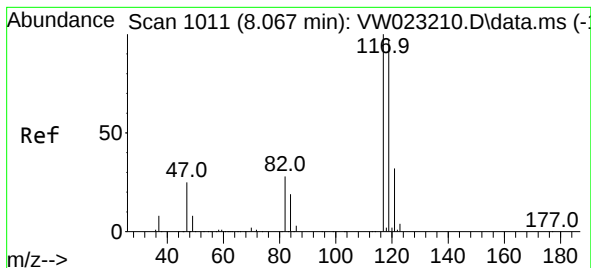
Tgt Ion: 56 Resp: 61465
Ion Ratio Lower Upper
56 100
69 32.7 25.6 38.4
84 99.0 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 25.671 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 97 Resp: 120010
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 44.9 34.8 52.2





#31

Carbon tetrachloride

Concen: 21.449 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

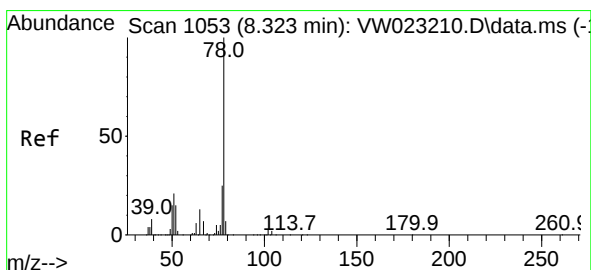
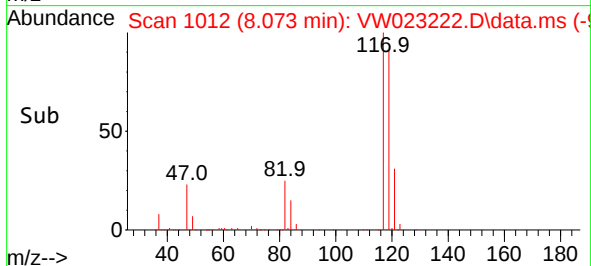
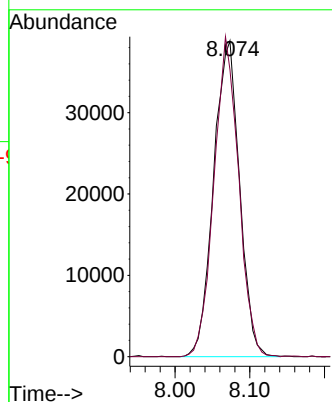
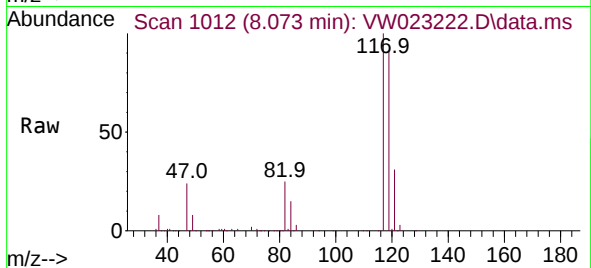
DBTF7MSRE

Tgt Ion:117 Resp: 93799

Ion Ratio Lower Upper

117 100

119 96.4 76.6 115.0



#33

Benzene

Concen: 26.070 ug/L

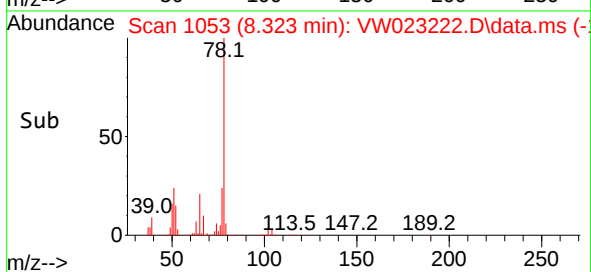
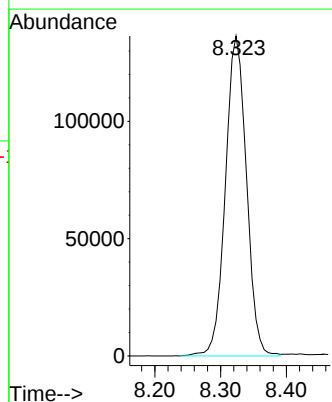
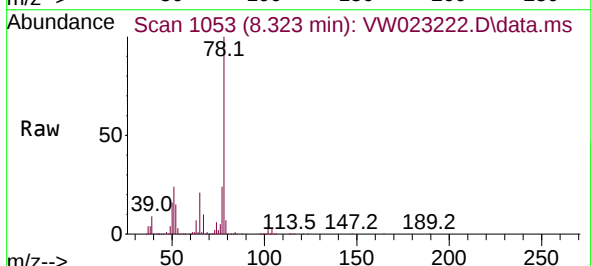
RT: 8.323 min Scan# 1053

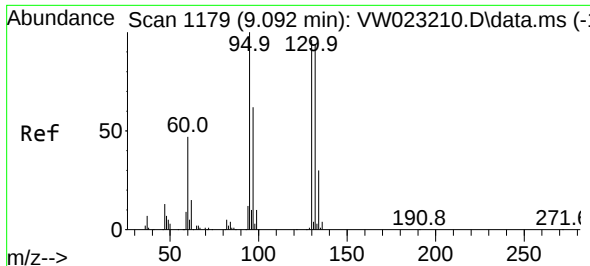
Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Tgt Ion: 78 Resp: 303824





#34

Trichloroethene

Concen: 21.613 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSRE

Tgt Ion: 95 Resp: 69270

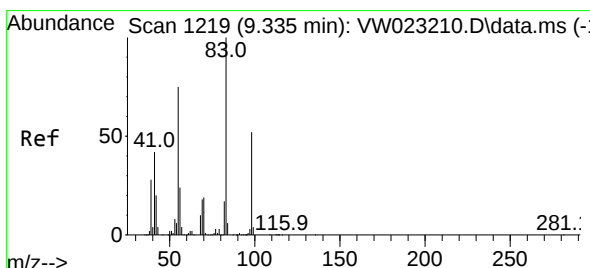
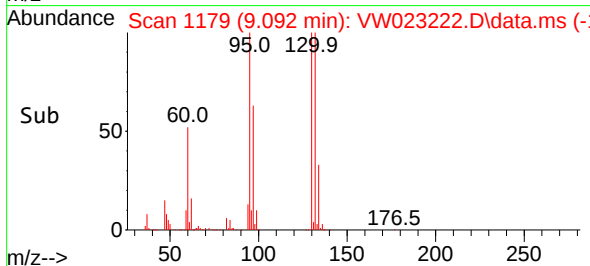
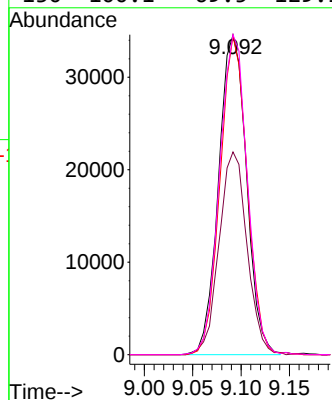
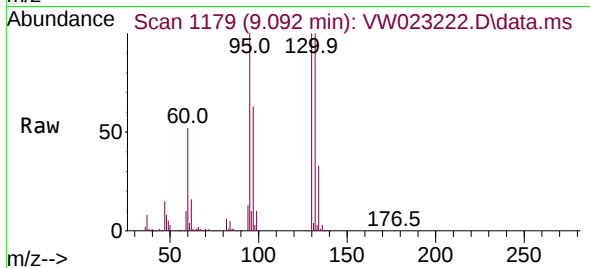
Ion Ratio Lower Upper

95 100

97 63.4 46.1 85.7

132 99.7 66.9 124.3

130 100.1 69.5 129.1



#35

Methylcyclohexane

Concen: 10.565 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

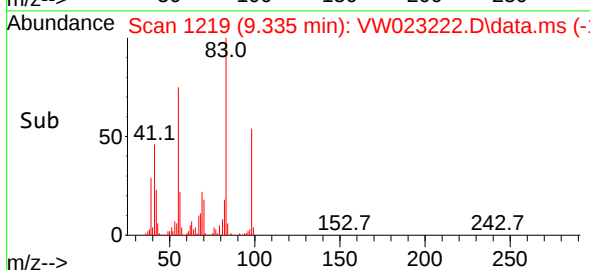
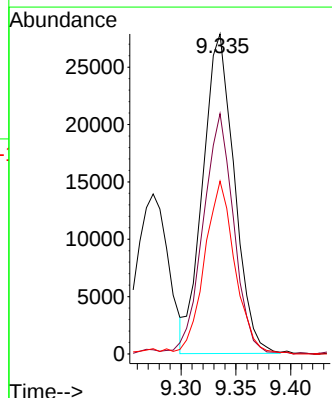
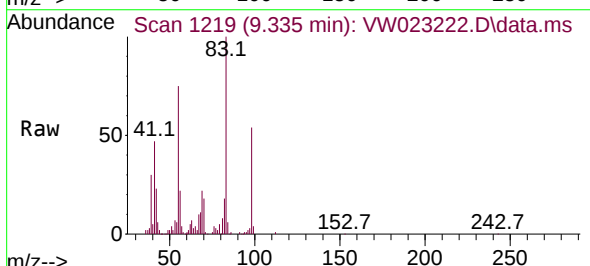
Tgt Ion: 83 Resp: 55628

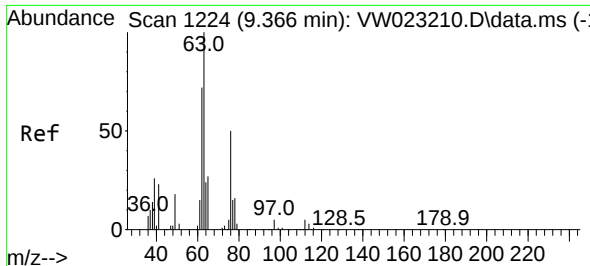
Ion Ratio Lower Upper

83 100

55 72.4 55.1 82.7

98 52.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 28.276 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

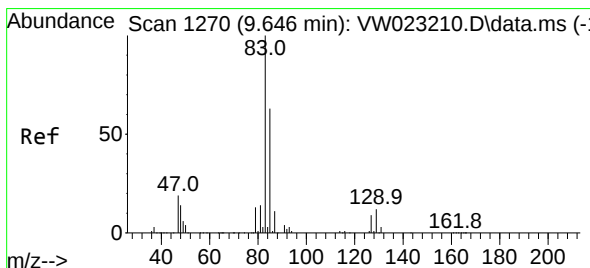
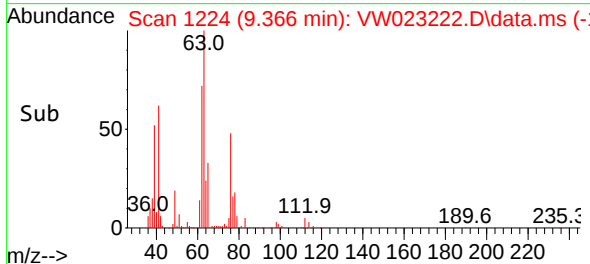
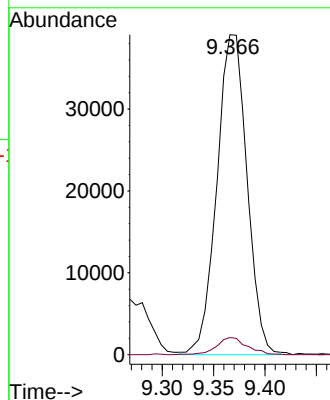
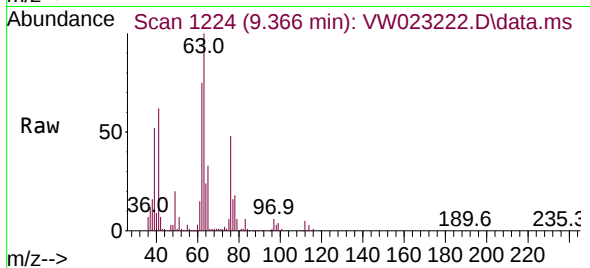
DBTF7MSRE

Tgt Ion: 63 Resp: 79745

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 28.041 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

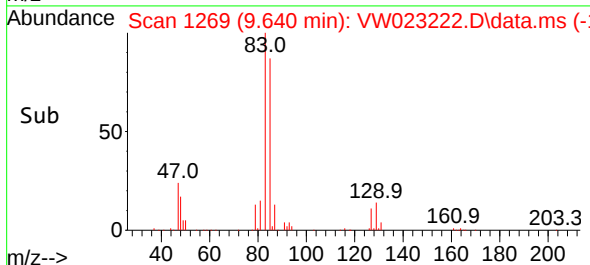
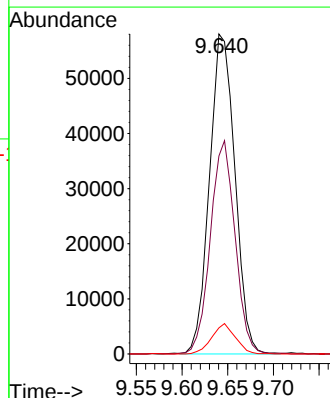
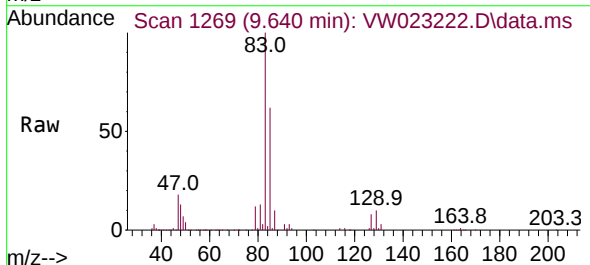
Tgt Ion: 83 Resp: 112325

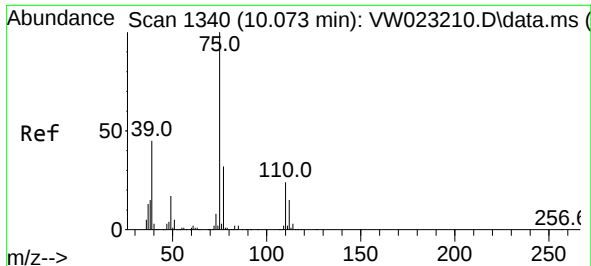
Ion Ratio Lower Upper

83 100

85 61.8 43.5 80.7

127 8.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.914 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

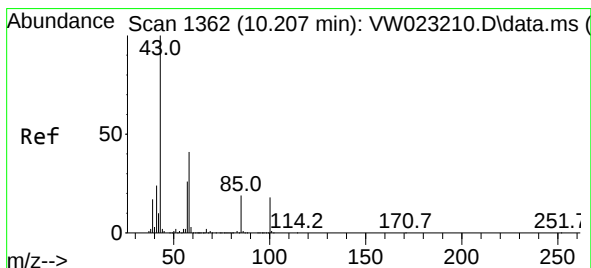
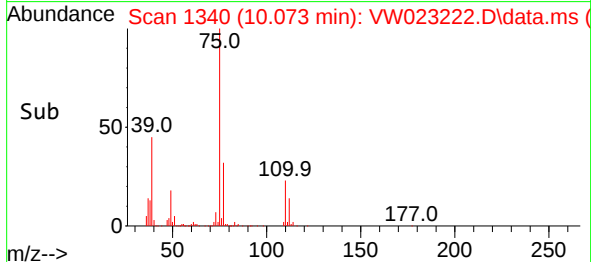
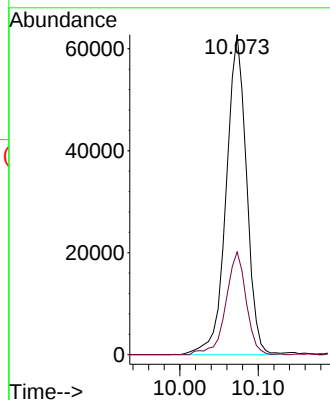
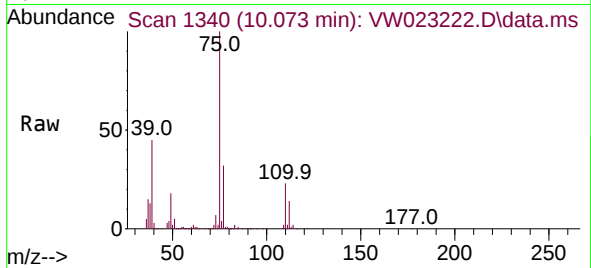
DBTF7MSRE

Tgt Ion: 75 Resp: 113321

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 96.763 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

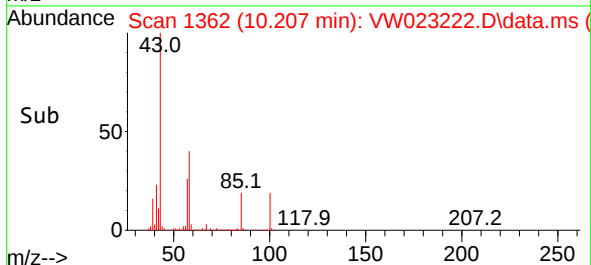
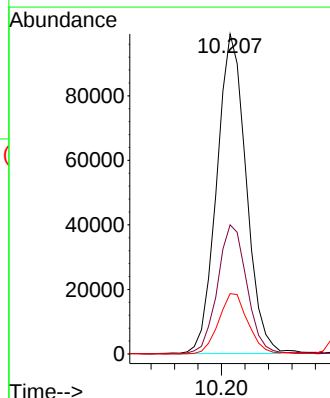
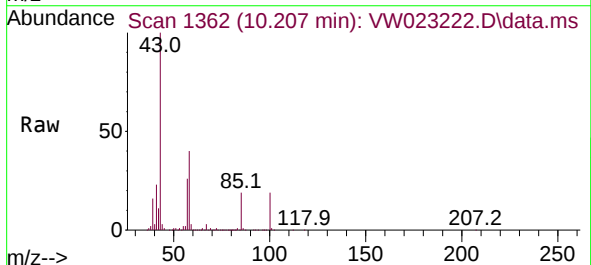
Tgt Ion: 43 Resp: 172004

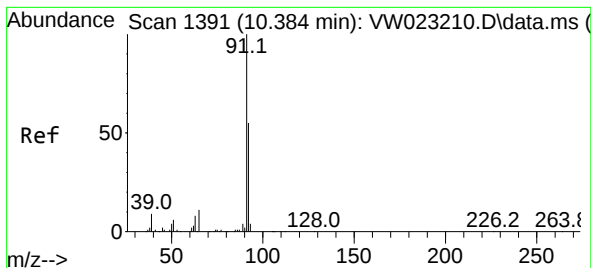
Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2

100 18.9 14.2 21.4





#42

Toluene

Concen: 23.540 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

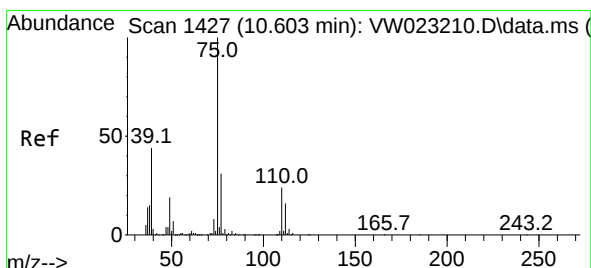
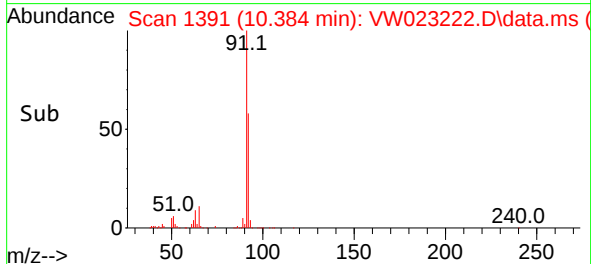
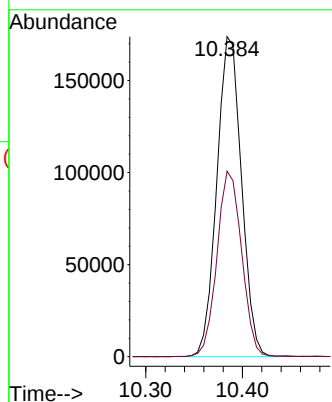
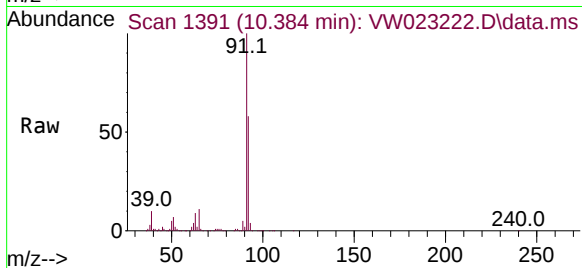
DBTF7MSRE

Tgt Ion: 91 Resp: 307441

Ion Ratio Lower Upper

91 100

92 58.0 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 27.186 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023222.D

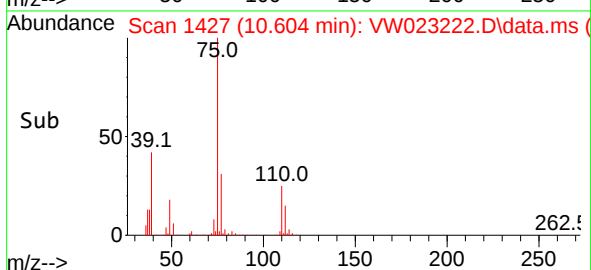
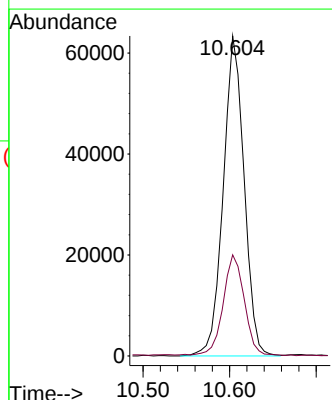
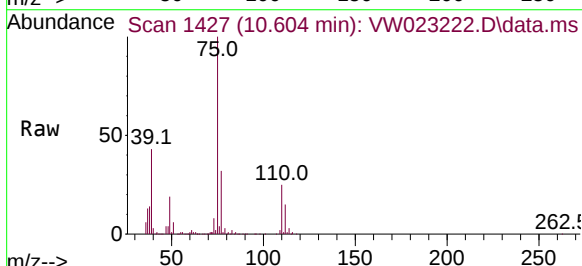
Acq: 21 May 2022 01:24

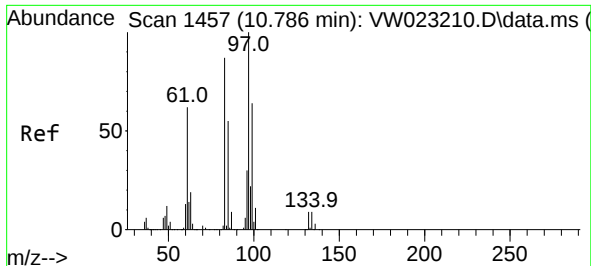
Tgt Ion: 75 Resp: 106110

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 33.699 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSRE

Tgt Ion: 97 Resp: 79448

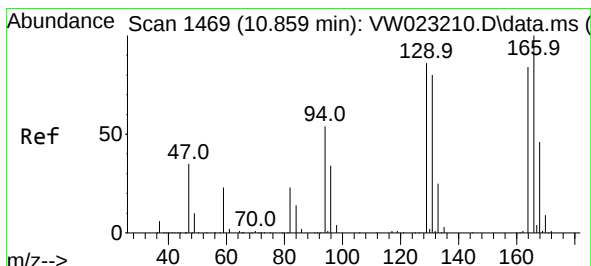
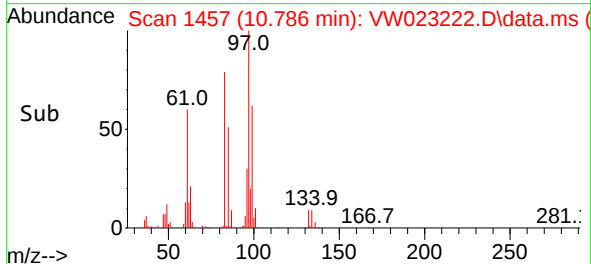
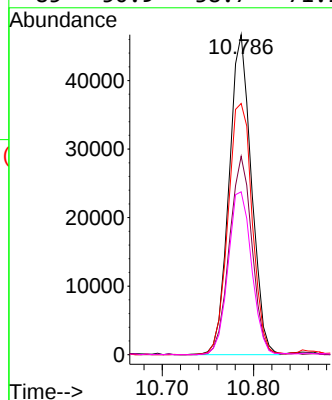
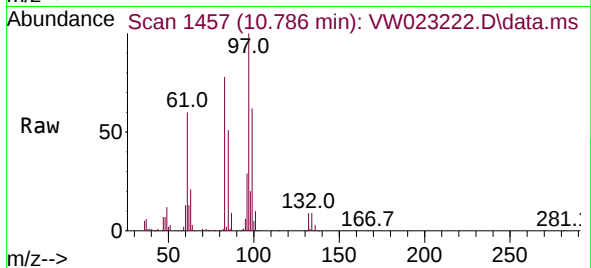
Ion Ratio Lower Upper

97 100

99 62.0 44.7 82.9

83 78.5 58.4 108.4

85 50.9 38.7 71.9



#46

Tetrachloroethene

Concen: 16.681 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Tgt Ion:164 Resp: 40178

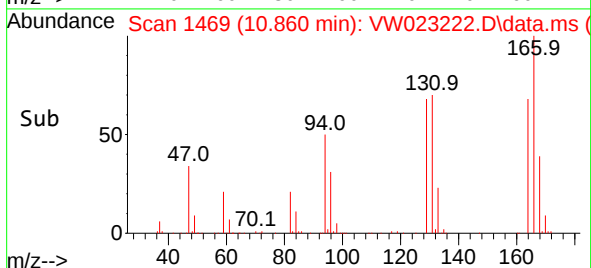
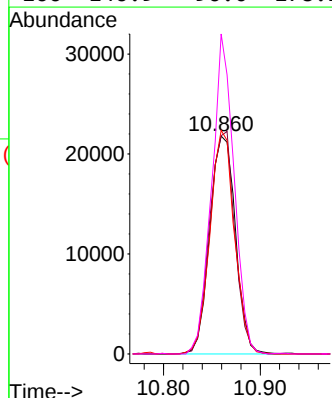
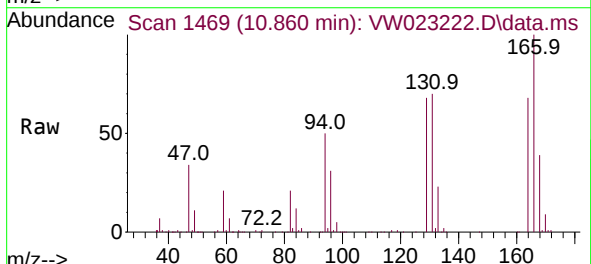
Ion Ratio Lower Upper

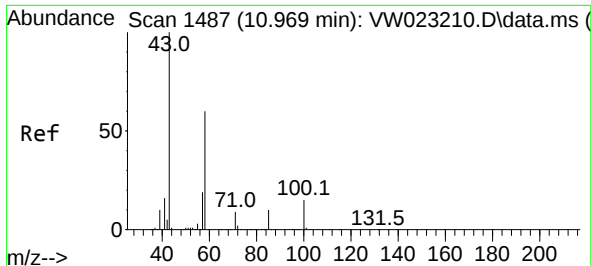
164 100

129 100.2 76.9 142.7

131 102.6 75.1 139.5

166 146.9 96.0 178.2

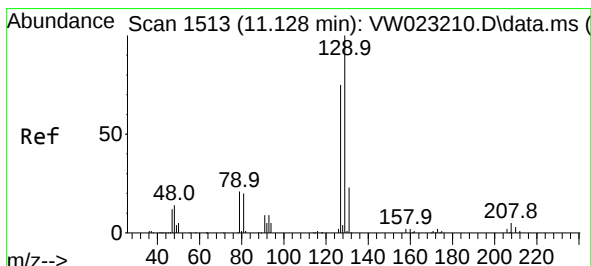
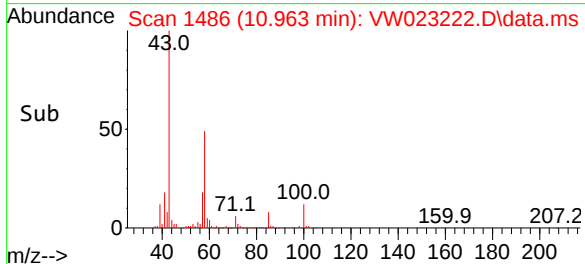
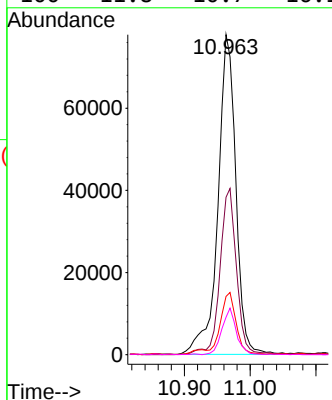
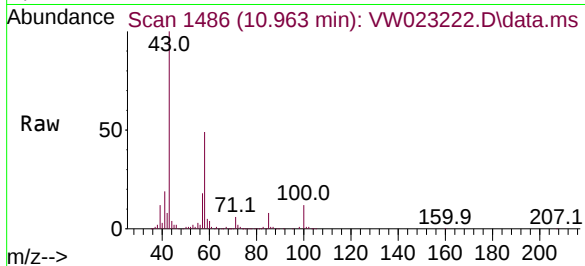




#48
2-Hexanone
Concen: 124.223 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

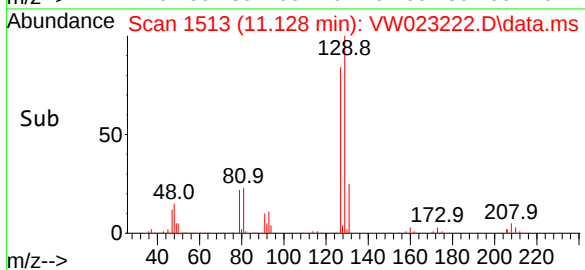
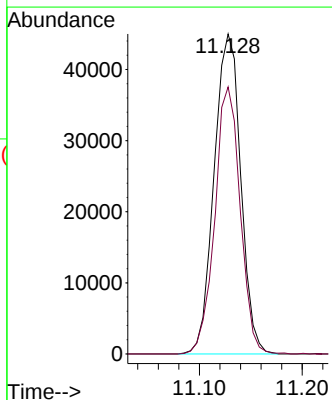
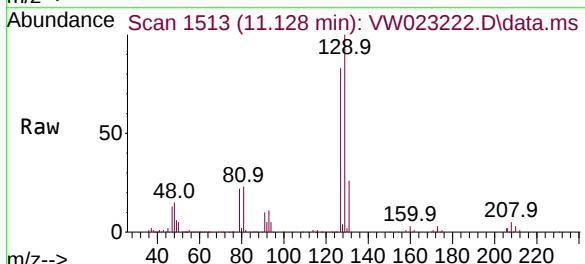
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

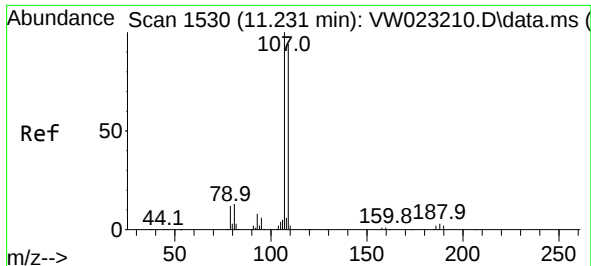
Tgt Ion: 43 Resp: 147540
Ion Ratio Lower Upper
43 100
58 46.0 45.9 68.9
57 17.0 16.2 24.2
100 11.8 10.7 16.1



#49
Dibromochloromethane
Concen: 28.498 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 129 Resp: 80864
Ion Ratio Lower Upper
129 100
127 83.5 53.8 100.0





#50

1,2-Dibromoethane

Concen: 32.457 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSRE

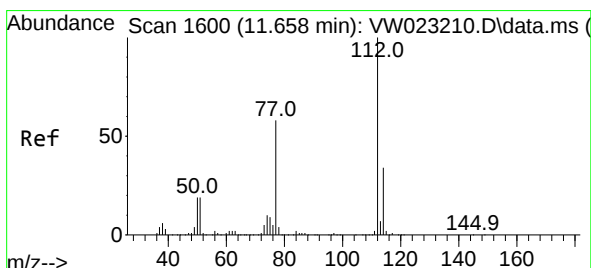
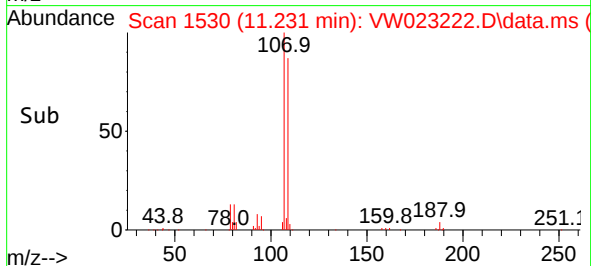
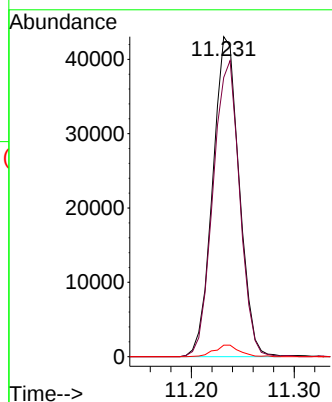
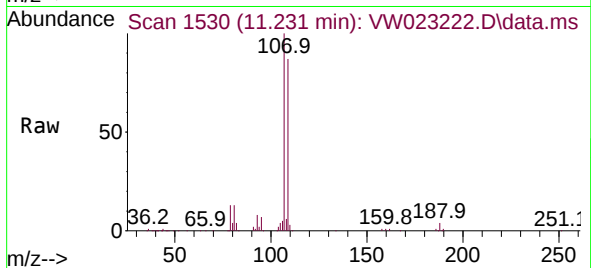
Tgt Ion:107 Resp: 76836

Ion Ratio Lower Upper

107 100

109 87.3 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 21.139 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

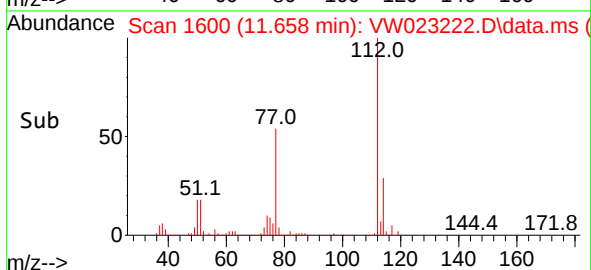
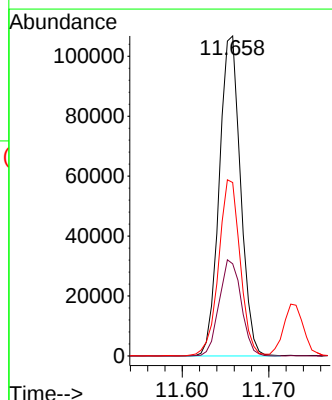
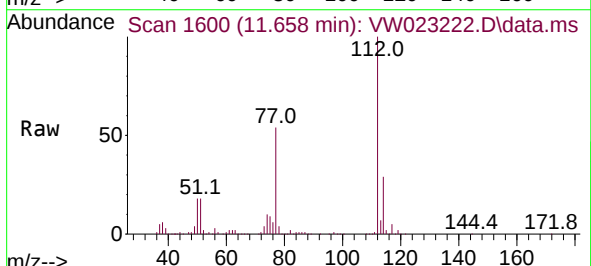
Tgt Ion:112 Resp: 182009

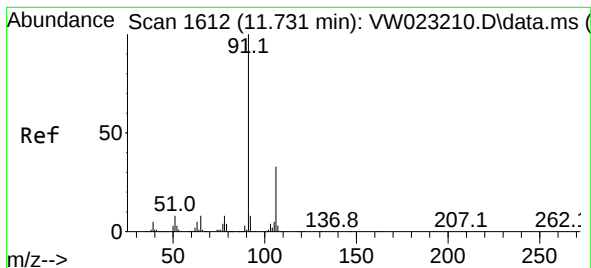
Ion Ratio Lower Upper

112 100

114 28.8 22.0 41.0

77 54.2 42.6 63.8

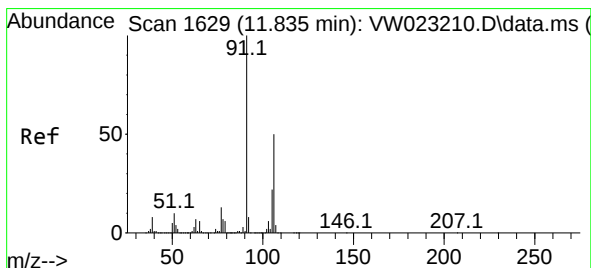
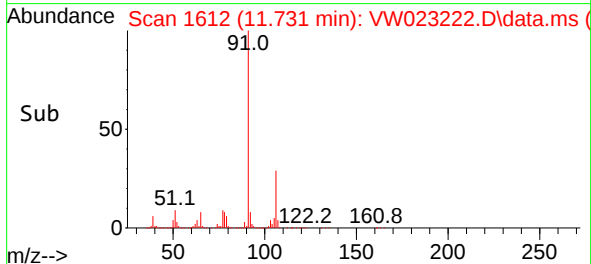
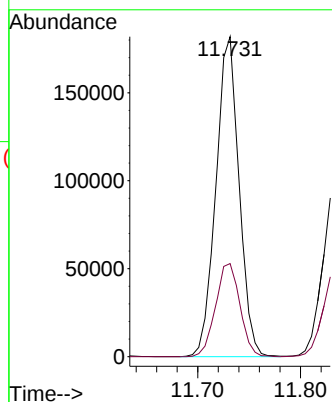
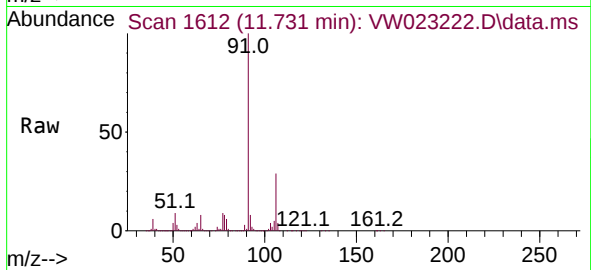




#52
Ethylbenzene
Concen: 19.549 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

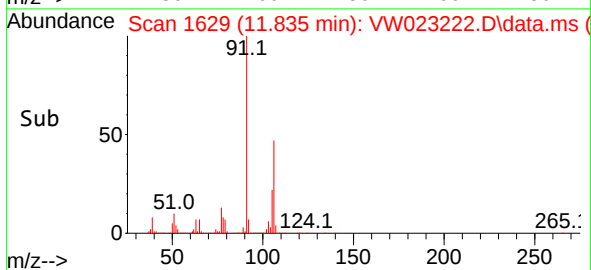
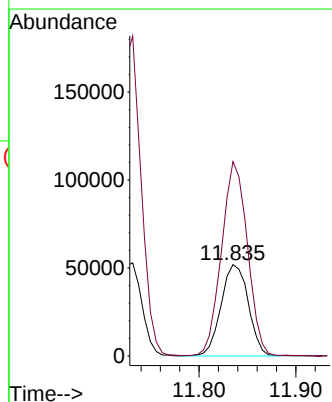
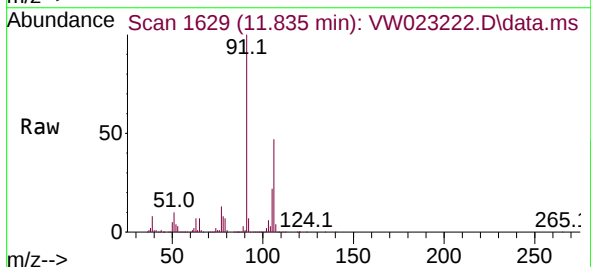
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

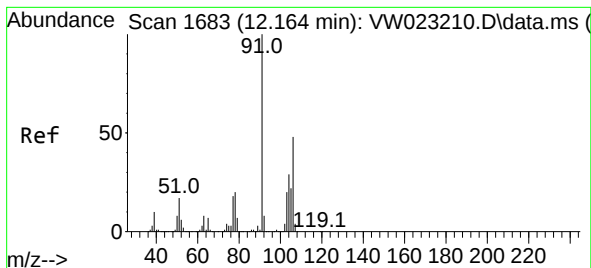
Tgt Ion: 91 Resp: 284043
Ion Ratio Lower Upper
91 100
106 29.1 22.3 41.3



#53
m,p-Xylene
Concen: 17.744 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion:106 Resp: 101585
Ion Ratio Lower Upper
106 100
91 212.9 136.8 254.0





#54

o-Xylene

Concen: 19.399 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

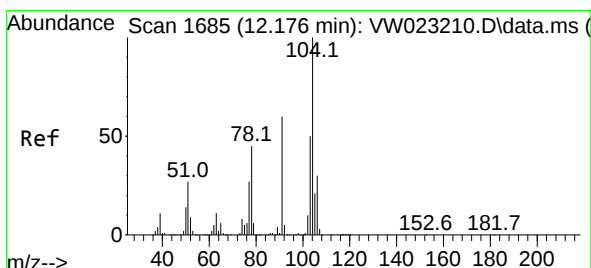
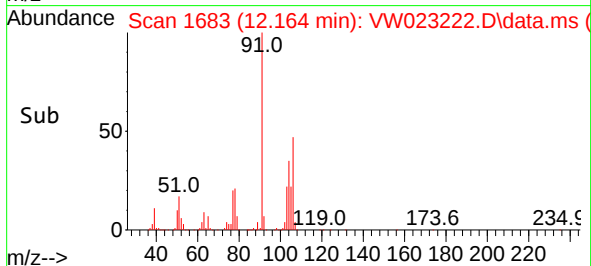
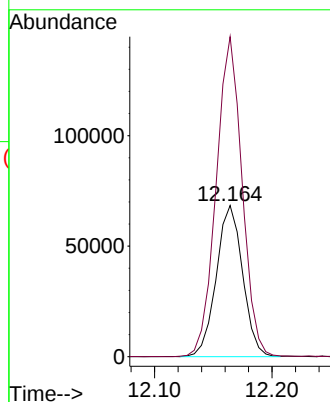
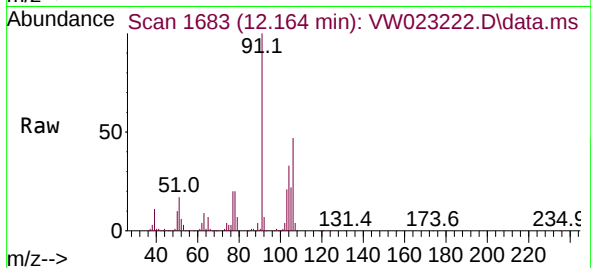
DBTF7MSRE

Tgt Ion:106 Resp: 106578

Ion Ratio Lower Upper

106 100

91 211.7 147.2 273.4



#55

Styrene

Concen: 19.562 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW023222.D

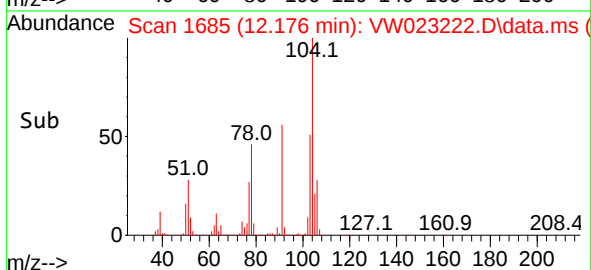
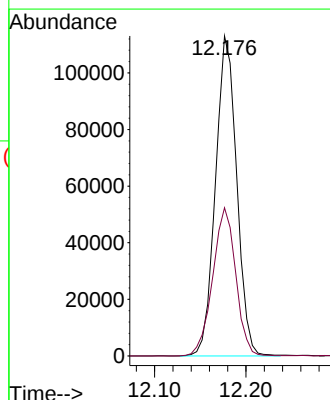
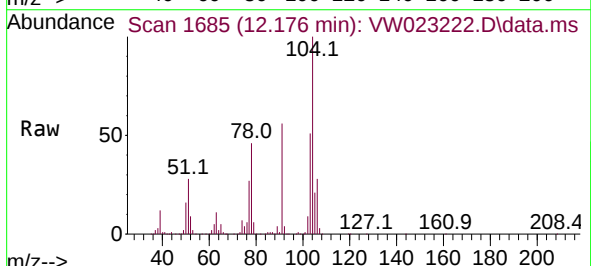
Acq: 21 May 2022 01:24

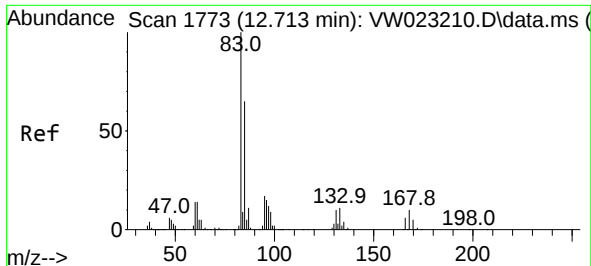
Tgt Ion:104 Resp: 182621

Ion Ratio Lower Upper

104 100

78 46.3 32.3 59.9

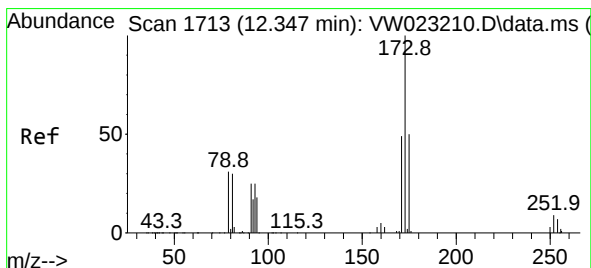
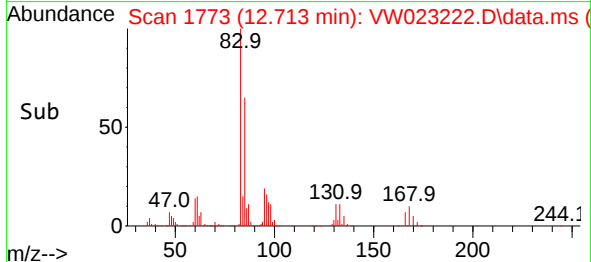
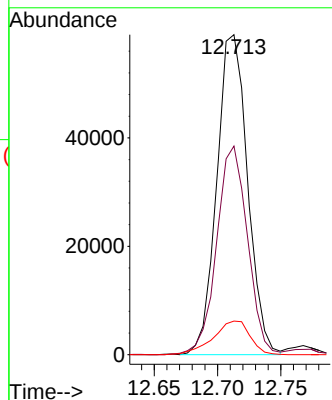
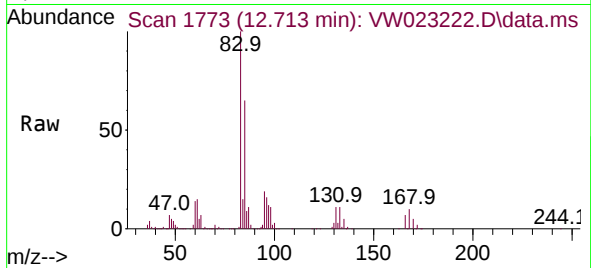




#57
1,1,2,2-Tetrachloroethane
Concen: 33.963 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

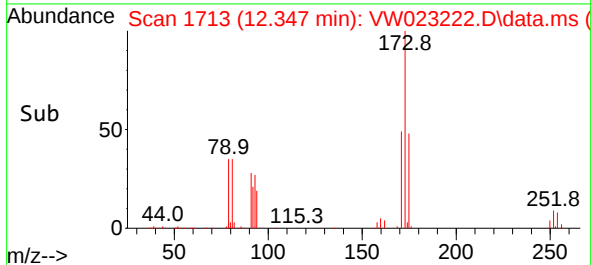
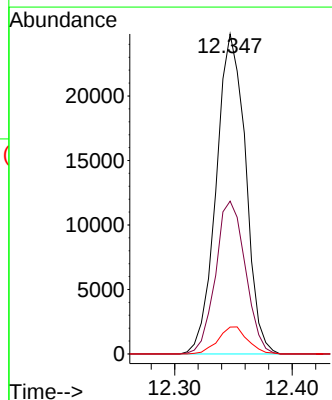
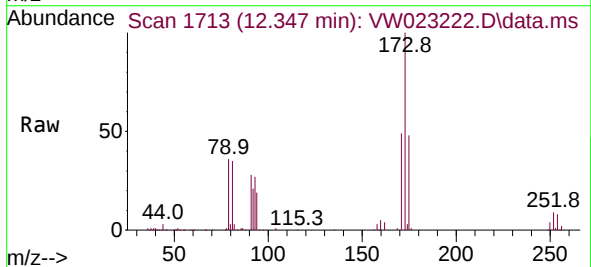
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

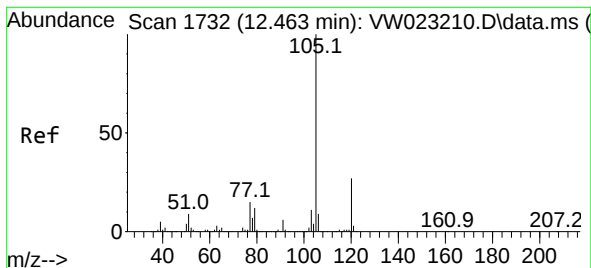
Tgt Ion: 83 Resp: 100012
Ion Ratio Lower Upper
83 100
85 65.2 47.5 88.1
131 10.5 8.7 13.1



#59
Bromoform
Concen: 45.379 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion: 173 Resp: 43028
Ion Ratio Lower Upper
173 100
175 48.5 38.1 57.1
254 8.5 6.5 9.7





#60

Isopropylbenzene

Concen: 24.587 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSRE

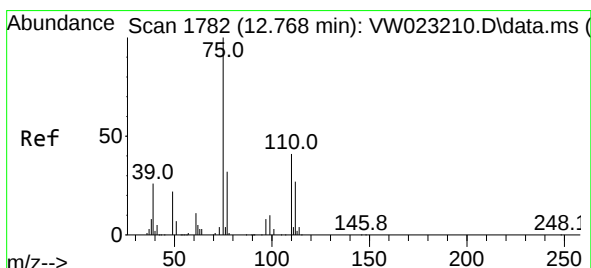
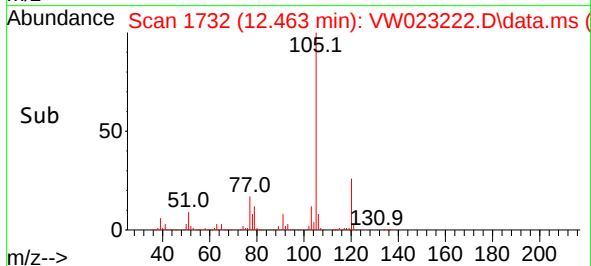
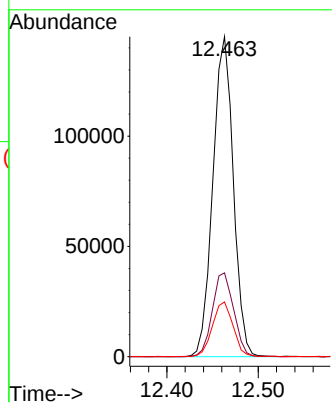
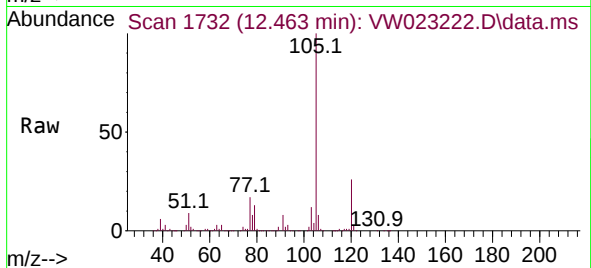
Tgt Ion:105 Resp: 225365

Ion Ratio Lower Upper

105 100

120 27.3 21.3 31.9

77 17.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 59.093 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

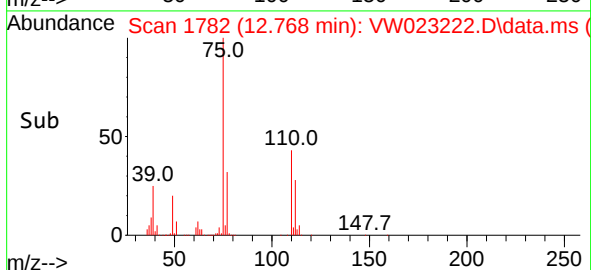
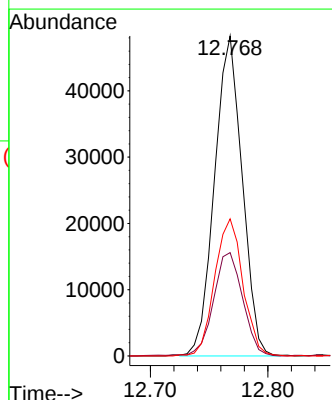
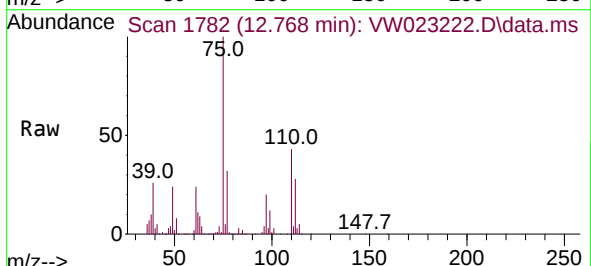
Tgt Ion: 75 Resp: 78999

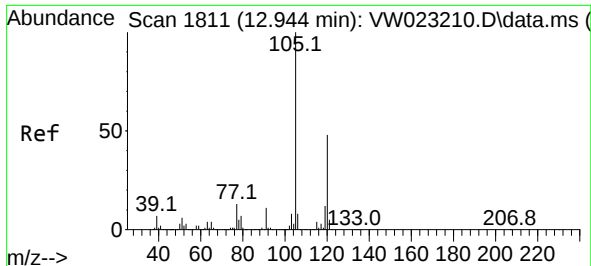
Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2

110 43.7 34.1 51.1

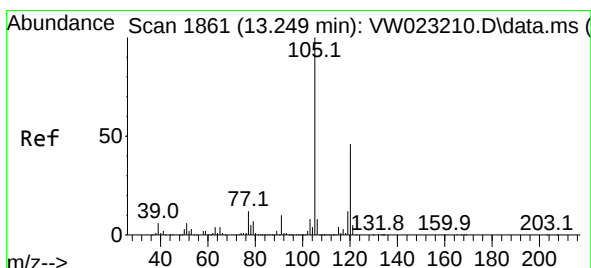
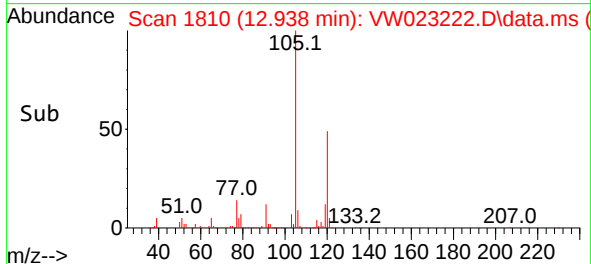
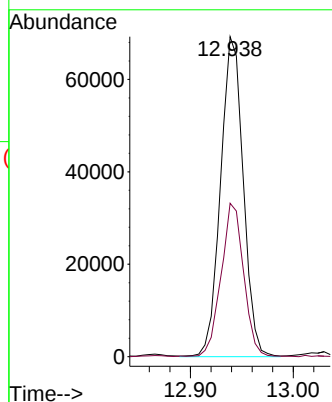
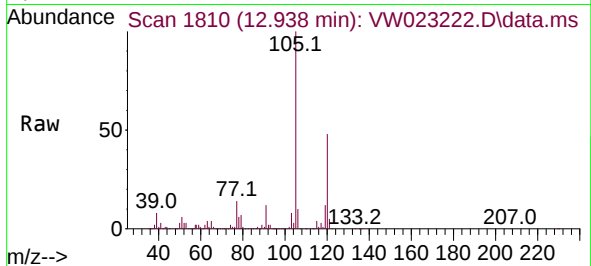




#62
1,3,5-Trimethylbenzene
Concen: 20.815 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

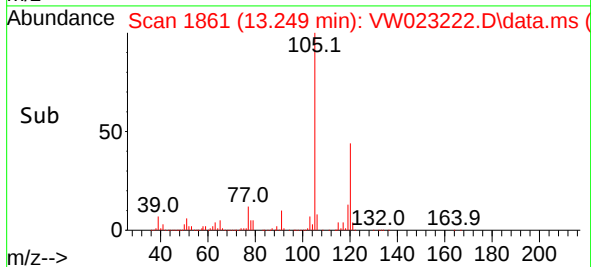
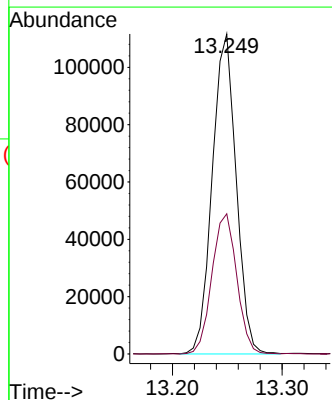
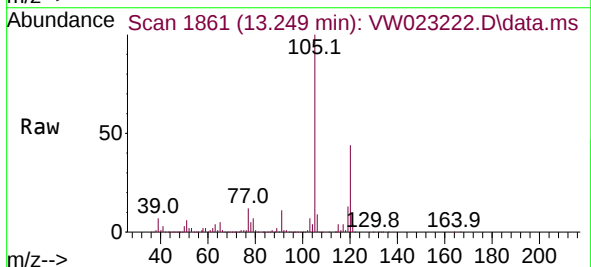
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

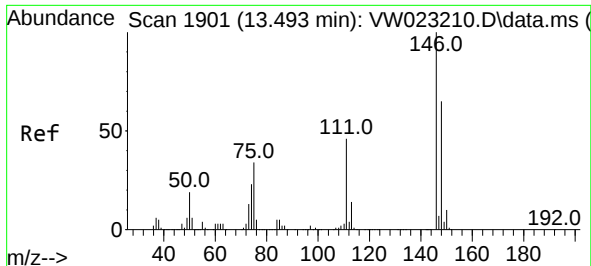
Tgt Ion:105 Resp: 106143
Ion Ratio Lower Upper
105 100
120 47.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 22.096 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion:105 Resp: 169184
Ion Ratio Lower Upper
105 100
120 45.4 37.4 56.2

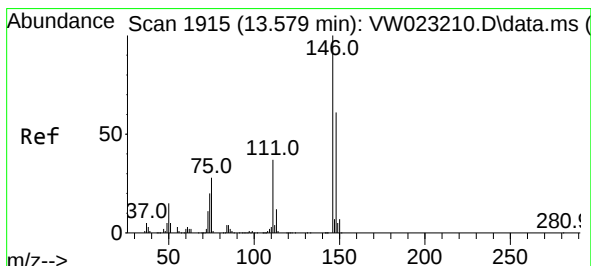
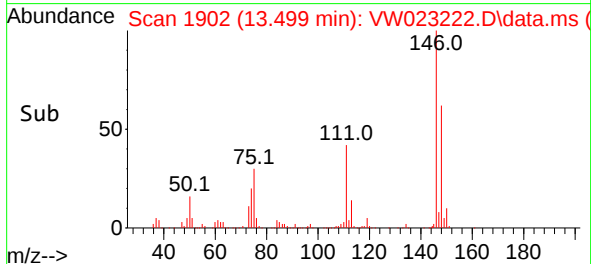
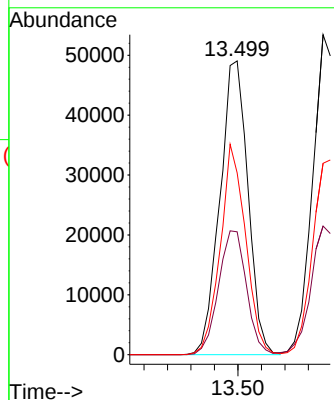
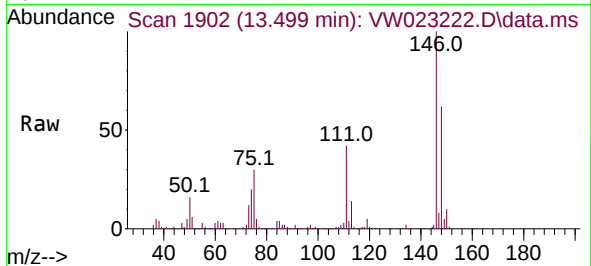




#64
1,3-Dichlorobenzene
Concen: 19.882 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

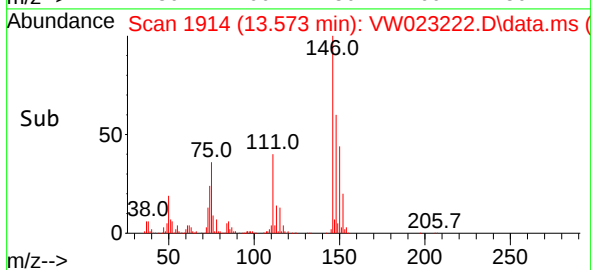
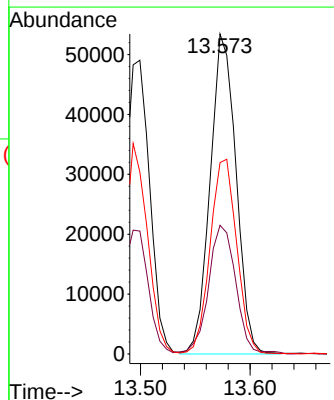
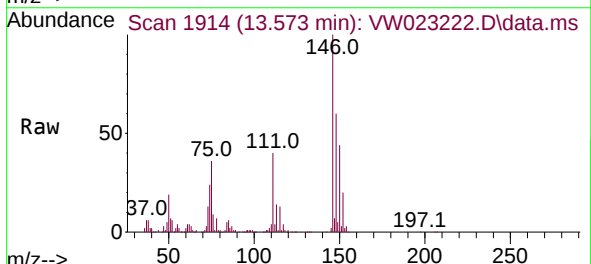
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

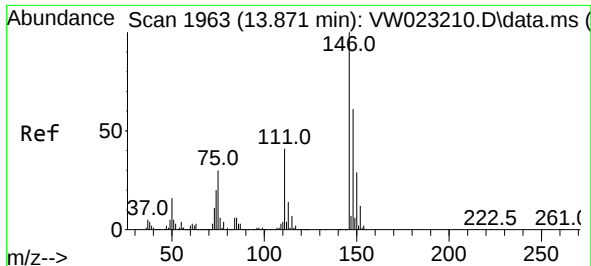
Tgt Ion:146 Resp: 81364
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.9
148 61.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 20.777 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion:146 Resp: 87825
Ion Ratio Lower Upper
146 100
111 40.2 27.2 50.4
148 59.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.025 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MSRE

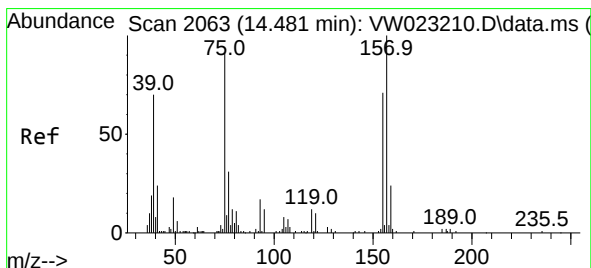
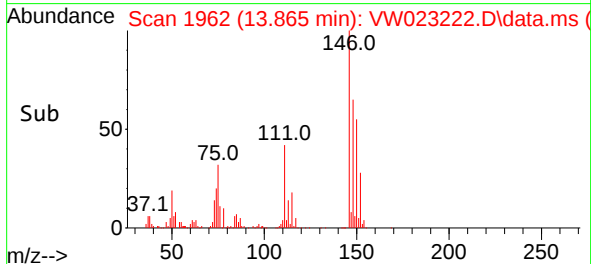
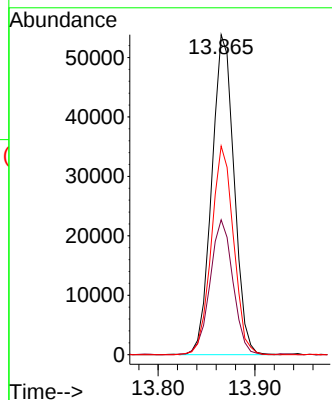
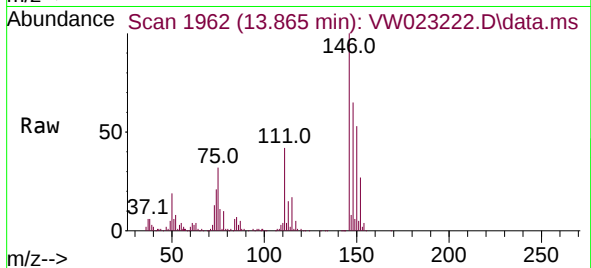
Tgt Ion:146 Resp: 86225

Ion Ratio Lower Upper

146 100

111 42.2 35.7 53.5

148 65.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.627 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023222.D

Acq: 21 May 2022 01:24

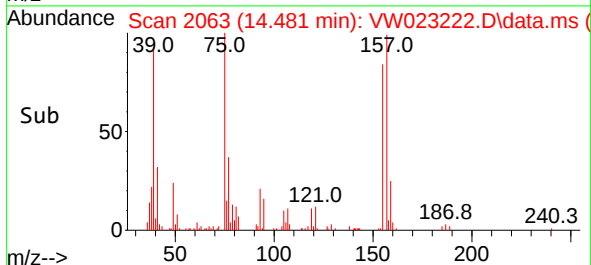
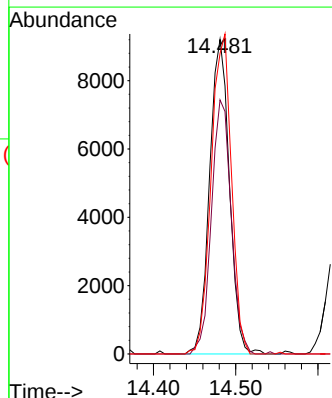
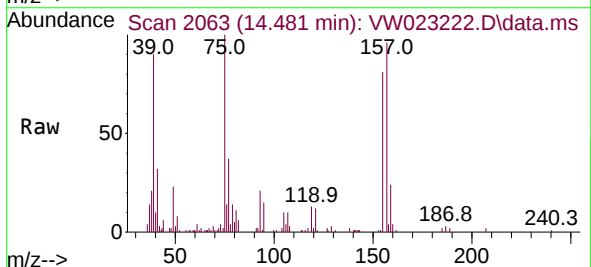
Tgt Ion: 75 Resp: 15376

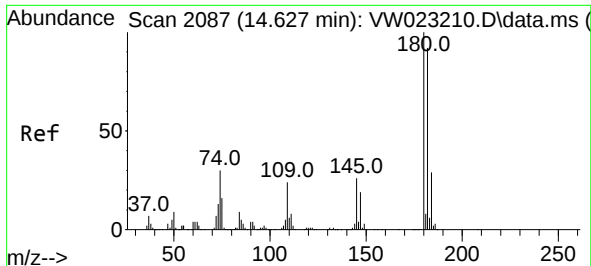
Ion Ratio Lower Upper

75 100

155 80.8 59.3 88.9

157 95.5 89.8 134.8

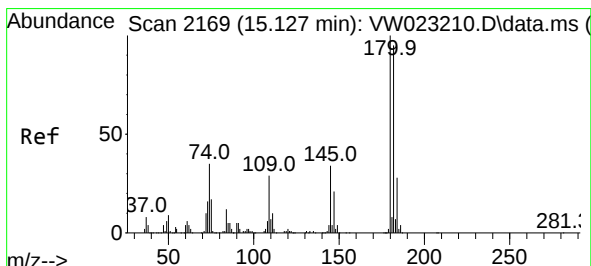
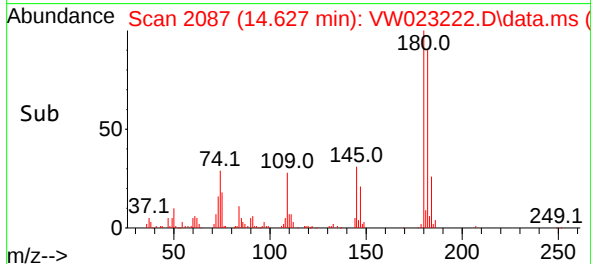
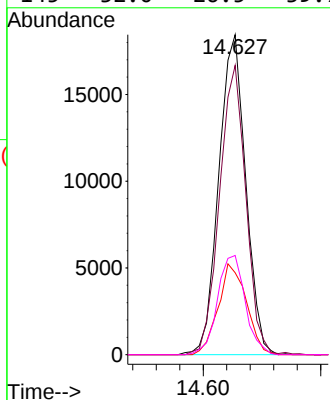
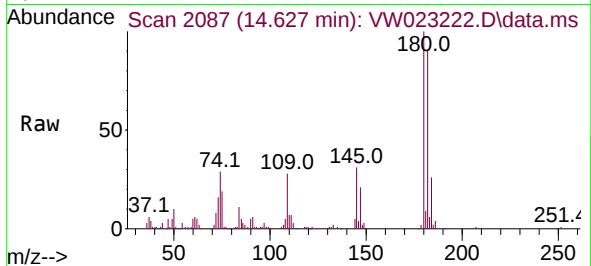




#69
1,3,5-Trichlorobenzene
Concen: 10.784 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

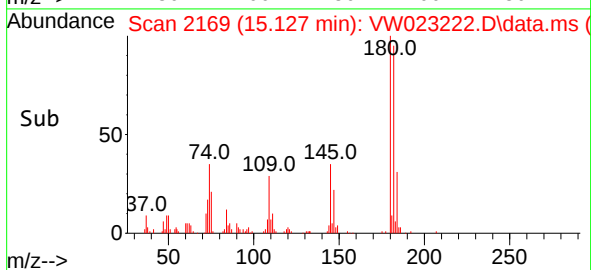
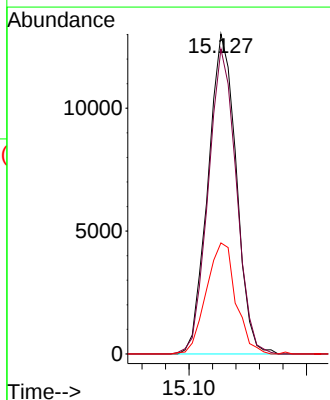
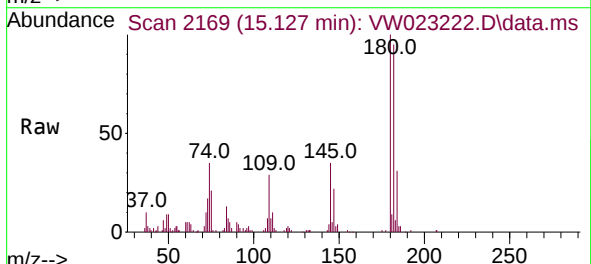
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

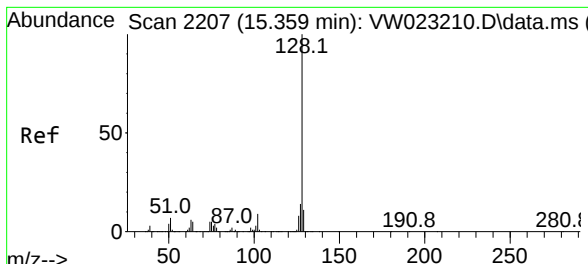
Tgt Ion:180	Resp:	29294
Ion Ratio	Lower	Upper
180	100	
182	88.3	74.8 112.2
184	29.8	23.4 35.2
145	32.0	26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 9.925 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion:180	Resp:	21687
Ion Ratio	Lower	Upper
180	100	
182	94.8	74.9 112.3
145	36.4	26.6 39.8

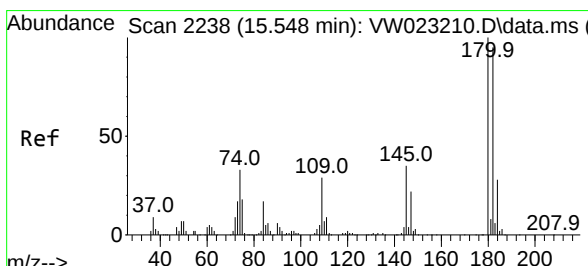
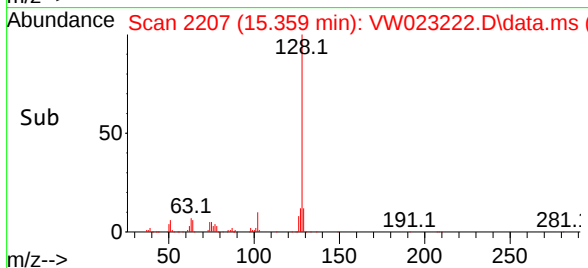
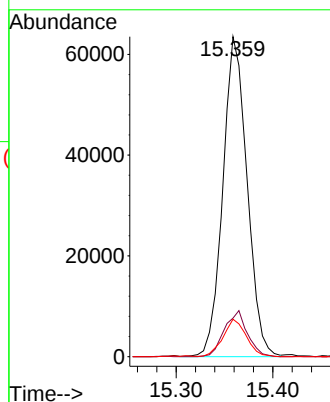
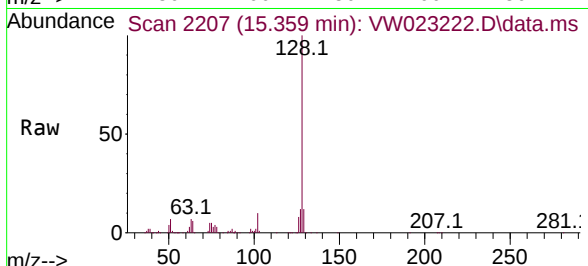




#71
Naphthalene
Concen: 23.291 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSRE

Tgt Ion:128 Resp: 110615
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 10.781 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW023222.D
Acq: 21 May 2022 01:24

Tgt Ion:180 Resp: 20879
Ion Ratio Lower Upper
180 100
182 94.7 73.5 110.3
145 34.9 27.9 41.9

