

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022423.D
 Acq On : 07 Apr 2022 10:21
 Operator : SY/VA
 Sample : VSTD10079
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:56:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 05:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	366897	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	366145	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	197093	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	814708	100.445	ug/L	0.00
7) Chloroethane-d5	2.885	69	563023	110.759	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	1085512	103.184	ug/L	0.00
21) 2-Butanone-d5	7.073	46	337577	234.930	ug/L	0.00
24) Chloroform-d	7.647	84	1272786	110.986	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	722438	110.256	ug/L	0.00
32) Benzene-d6	8.274	84	2440250	109.086	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	705095	108.918	ug/L	0.00
41) Toluene-d8	10.323	98	2438269	111.291	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	364594	119.336	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	298121	247.519	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	643347	116.878	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	789941	113.155	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	274467	157.187	ug/L	94
3) Chloromethane	2.221	50	527658	117.671	ug/L	99
5) Vinyl chloride	2.367	62	897887	95.962	ug/L	95
6) Bromomethane	2.775	94	558198	98.137	ug/L	99
8) Chloroethane	2.922	64	432955	105.658	ug/L	99
9) Trichlorofluoromethane	3.257	101	345838	100.114	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	545255	101.376	ug/L	97
12) 1,1-Dichloroethene	4.044	96	498694	100.949	ug/L	95
13) Acetone	4.123	43	188653	203.264	ug/L	97
14) Carbon disulfide	4.385	76	1672022	102.885	ug/L	99
15) Methyl Acetate	4.671	43	253175	102.899	ug/L	99
16) Methylene chloride	4.915	84	548787	99.403	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	594657	102.905	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	988645	104.605	ug/L	97
19) 1,1-Dichloroethane	6.220	63	1068228	101.165	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	630871	102.935	ug/L #	96
22) 2-Butanone	7.171	43	320056	219.791	ug/L	98
23) Bromochloromethane	7.519	128	281497	107.017	ug/L	96
25) Chloroform	7.677	83	1132200	101.804	ug/L	99
27) 1,2-Dichloroethane	8.403	62	798235	102.119	ug/L	98
29) Cyclohexane	7.957	56	1021749	97.501	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	1023049	100.727	ug/L	98
31) Carbon tetrachloride	8.067	117	919048	100.818	ug/L	99
33) Benzene	8.323	78	2467805	99.272	ug/L	100
34) Trichloroethene	9.091	95	660215	99.190	ug/L	97
35) Methylcyclohexane	9.335	83	1167885	97.797	ug/L	98
37) 1,2-Dichloropropane	9.366	63	583563	97.990	ug/L	99
38) Bromodichloromethane	9.646	83	894232	104.416	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	1044244	110.502	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	802131	220.705	ug/L	97
42) Toluene	10.390	91	2913698	102.287	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	960700	113.537	ug/L	98

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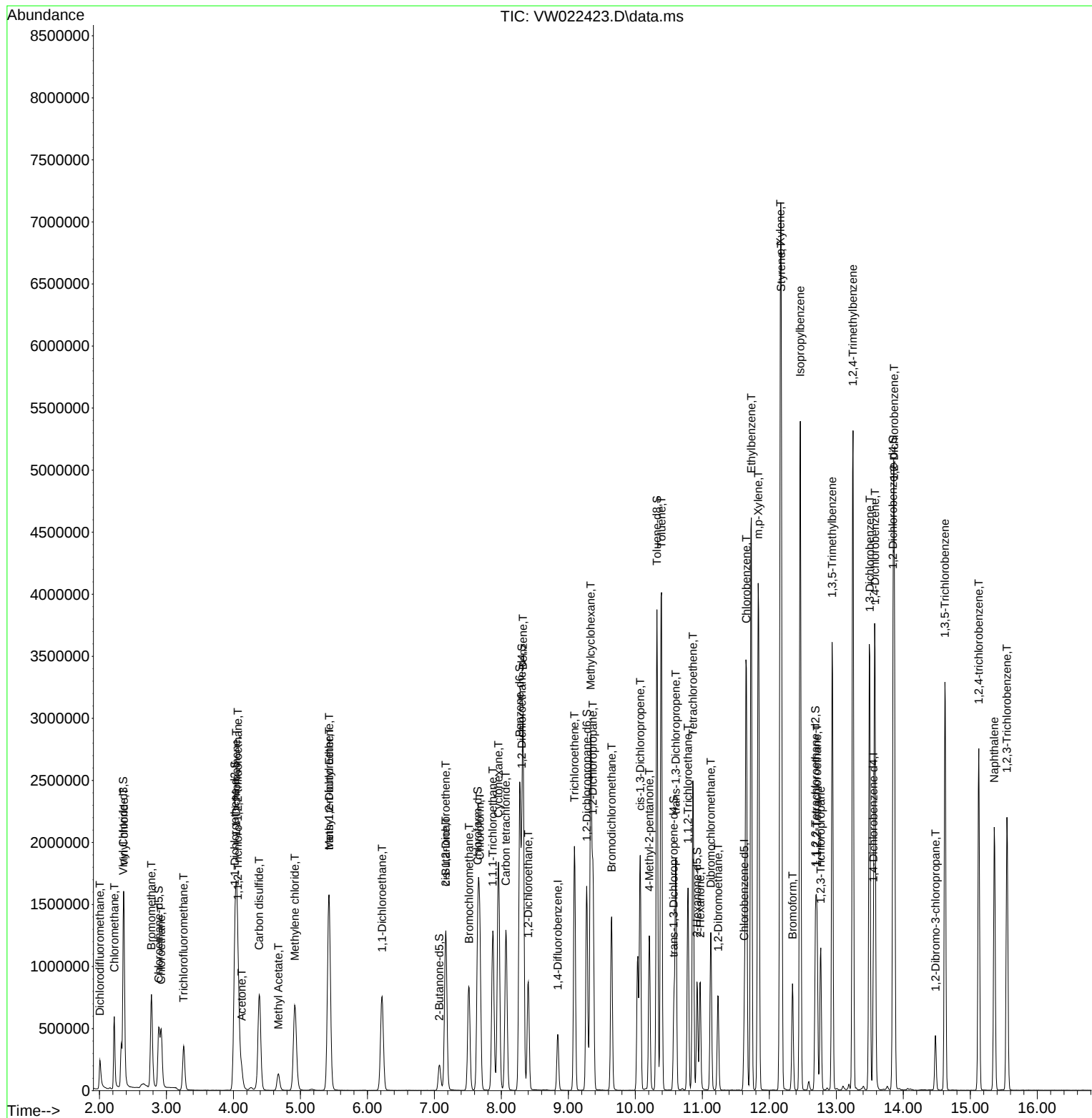
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	480472	105.712	ug/L	95
46) Tetrachloroethene	10.859	164	480629	98.234	ug/L	97
48) 2-Hexanone	10.969	43	561806	218.831	ug/L	97
49) Dibromochloromethane	11.128	129	598880	110.482	ug/L	92
50) 1,2-Dibromoethane	11.237	107	476658	106.207	ug/L	98
51) Chlorobenzene	11.658	112	1782271	102.387	ug/L	97
52) Ethylbenzene	11.731	91	3313301	103.780	ug/L	98
53) m,p-Xylene	11.835	106	1277677	105.243	ug/L	98
54) o-Xylene	12.164	106	1252008	107.919	ug/L	96
55) Styrene	12.176	104	2216635	111.766	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	599195	107.410	ug/L	99
59) Bromoform	12.347	173	354247	120.957	ug/L	98
60) Isopropylbenzene	12.463	105	3415217	104.313	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	436950	104.219	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1901540	105.608	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2865859	104.667	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	1393261	104.855	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	1353593	102.145	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1212149	102.004	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	108509	111.593	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	888769	102.516	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	765148	105.088	ug/L	99
71) Naphthalene	15.359	128	1740388	113.329	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	661902	106.354	ug/L	97

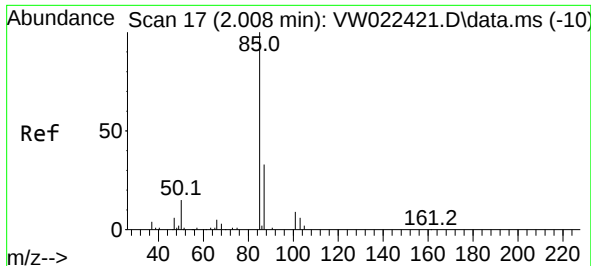
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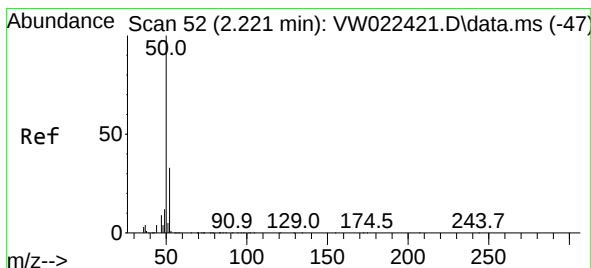
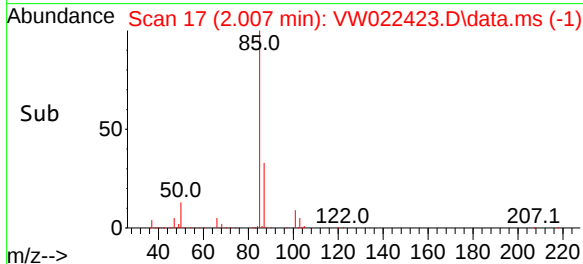
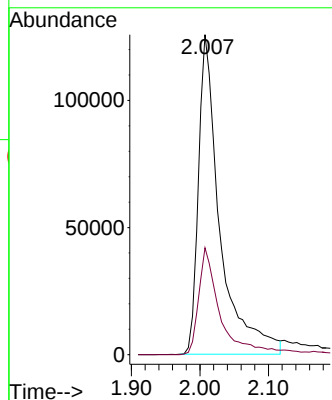
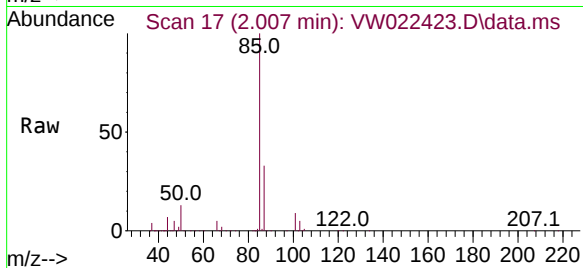




#2
 Dichlorodifluoromethane
 Concen: 157.187 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

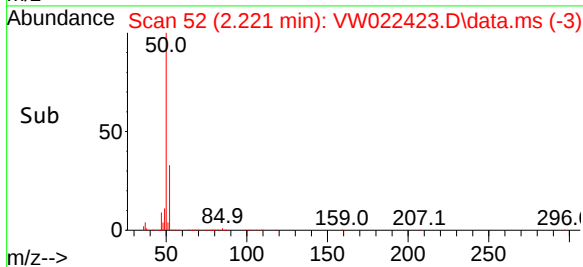
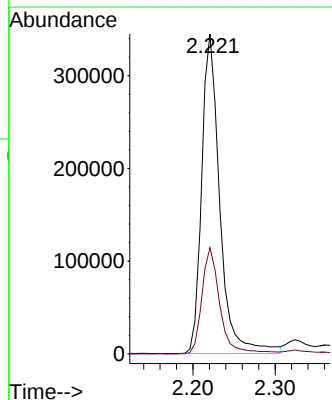
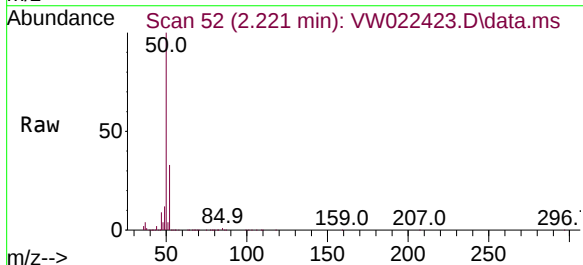
Instrument :
 MSVOA_W
 ClientSampleId :

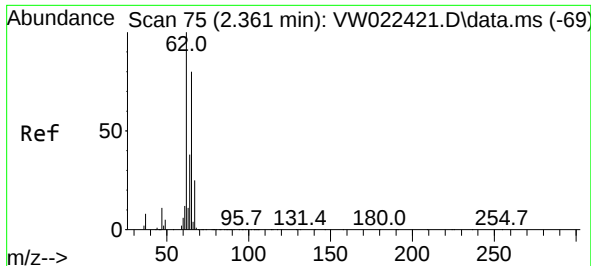
Tgt Ion: 85 Resp: 274467
 Ion Ratio Lower Upper
 85 100
 87 32.9 23.7 35.5



#3
 Chloromethane
 Concen: 117.671 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

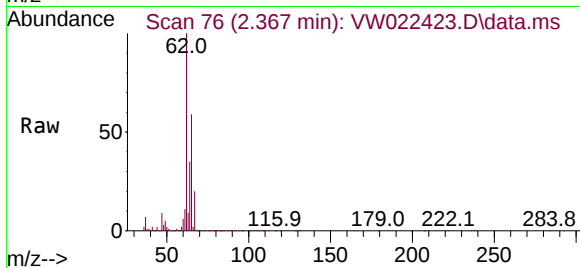
Tgt Ion: 50 Resp: 527658
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6





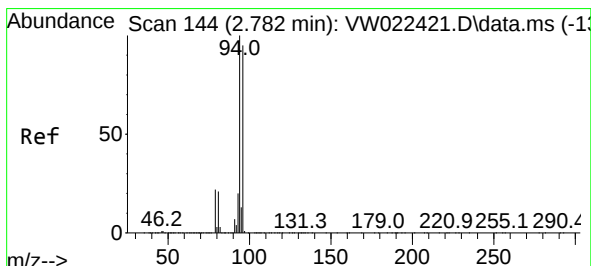
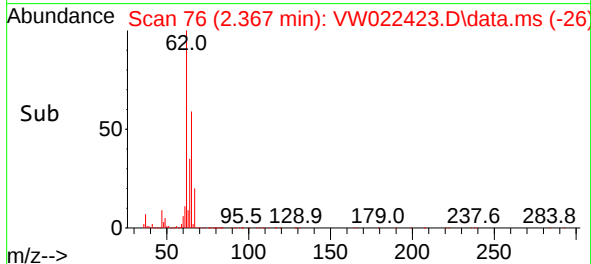
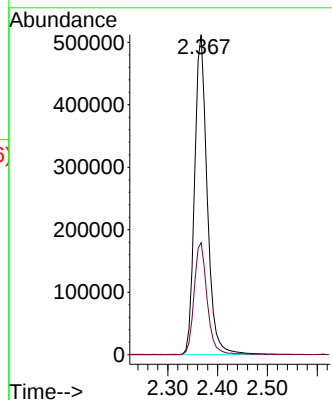
#5
 Vinyl chloride
 Concen: 95.962 ug/L
 RT: 2.367 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 62 Resp: 897887

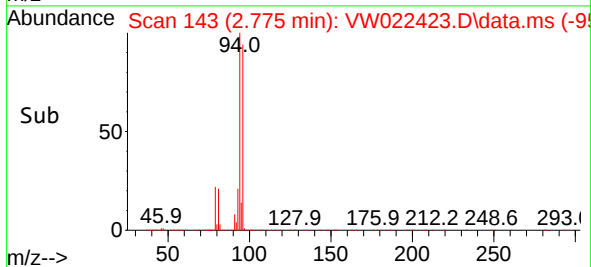
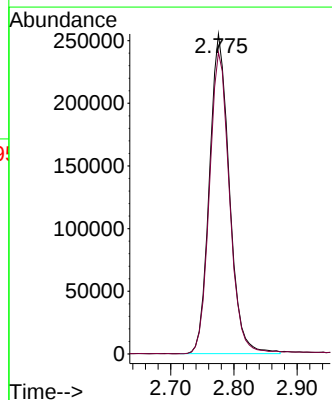
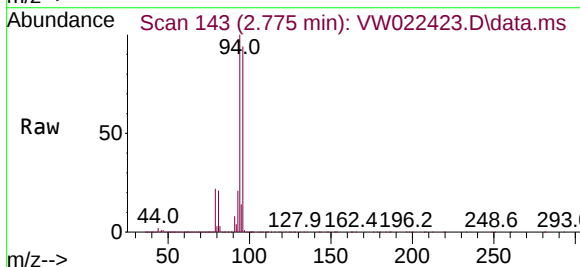
Ion	Ratio	Lower	Upper
62	100		
64	35.0	26.5	49.3

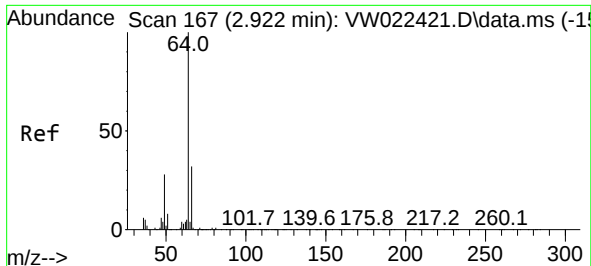


#6
 Bromomethane
 Concen: 98.137 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

Tgt Ion: 94 Resp: 558198

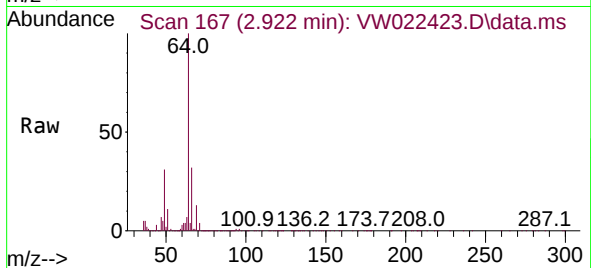
Ion	Ratio	Lower	Upper
94	100		
96	94.3	66.6	123.6



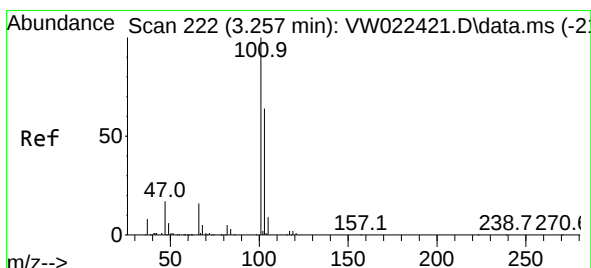
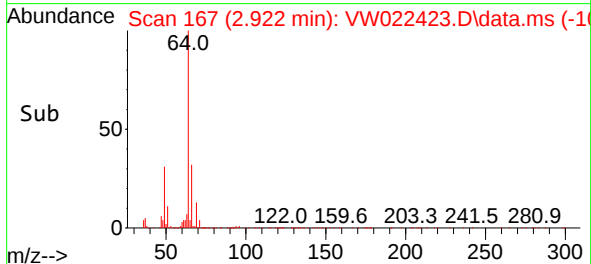
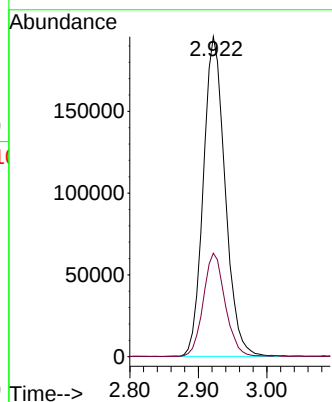


#8
Chloroethane
Concen: 105.658 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Instrument :
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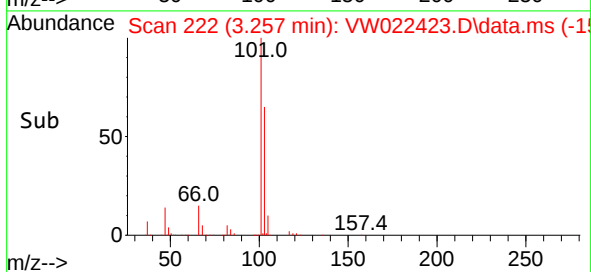
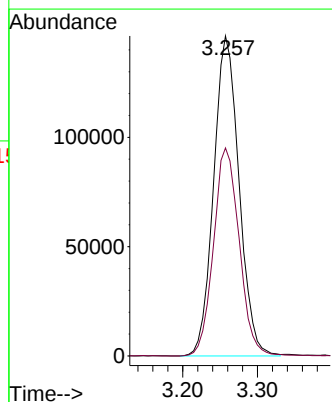
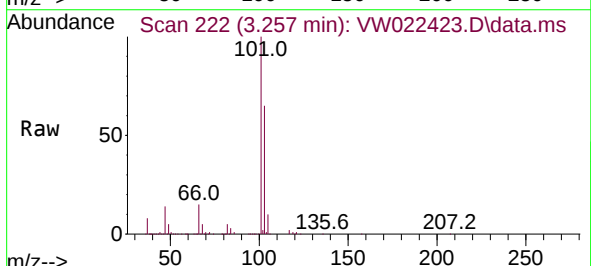


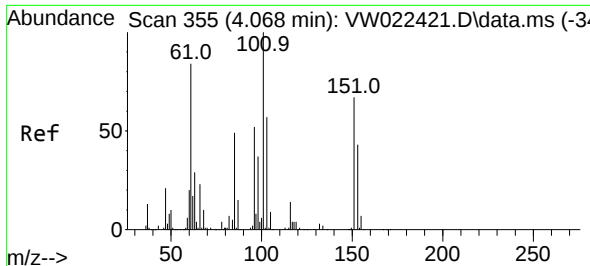
Tgt Ion: 64 Resp: 432955
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 100.114 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Tgt Ion: 101 Resp: 345838
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0

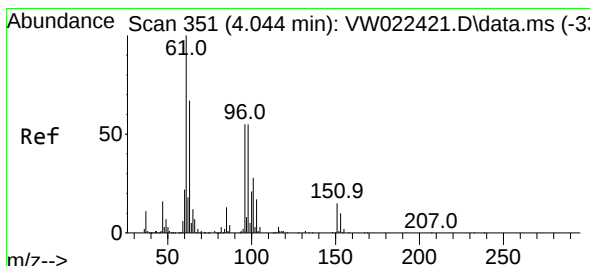
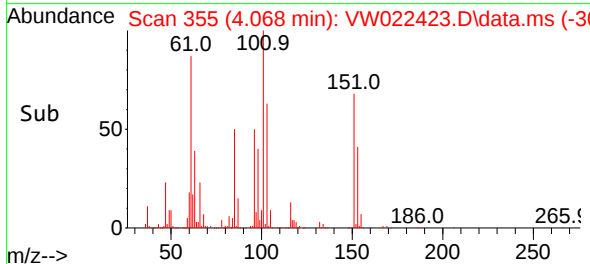
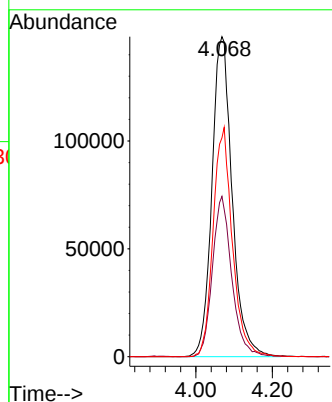
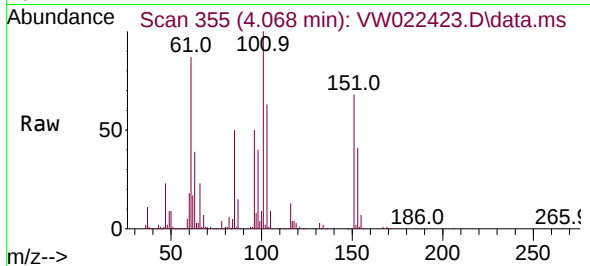




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 101.376 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

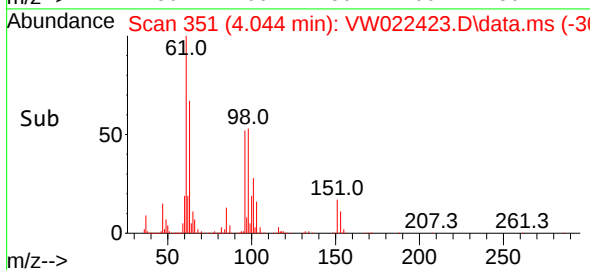
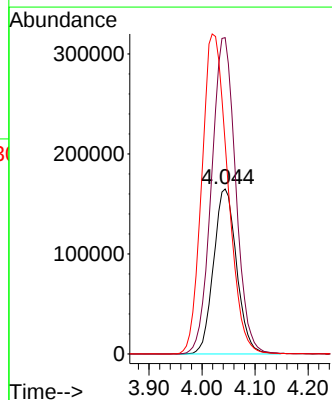
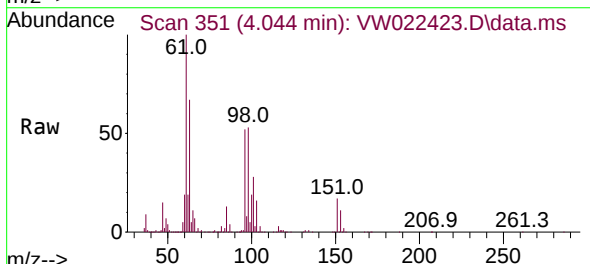
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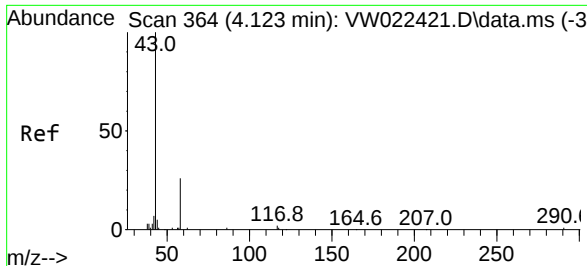
Tgt Ion:101 Resp: 545255
 Ion Ratio Lower Upper
 101 100
 85 47.8 39.2 58.8
 151 68.3 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 100.949 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

Tgt Ion: 96 Resp: 498694
 Ion Ratio Lower Upper
 96 100
 61 191.7 128.0 237.6
 63 127.9 86.6 160.8

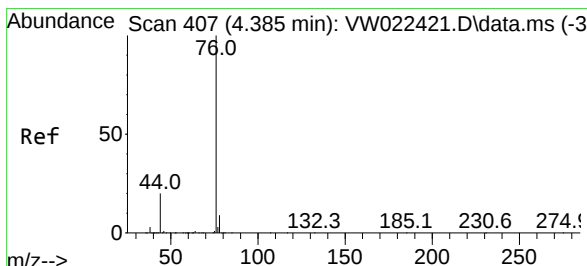
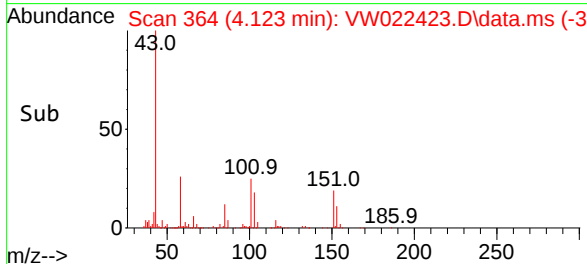
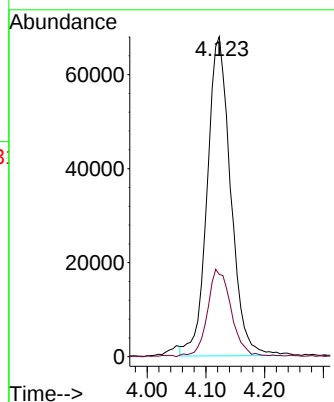
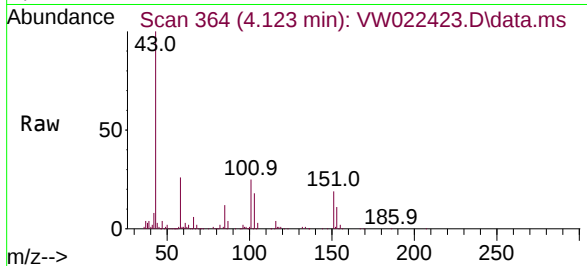




#13
Acetone
Concen: 203.264 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

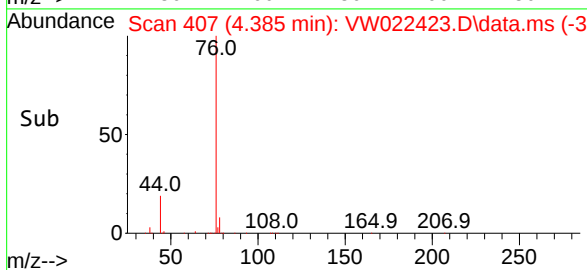
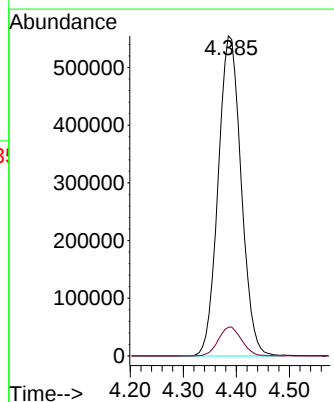
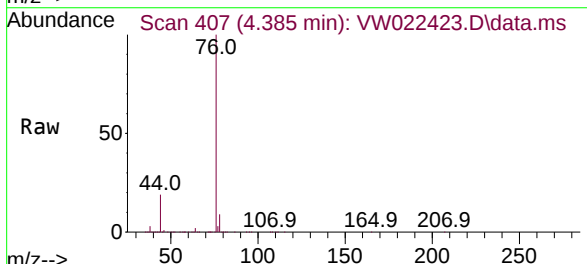
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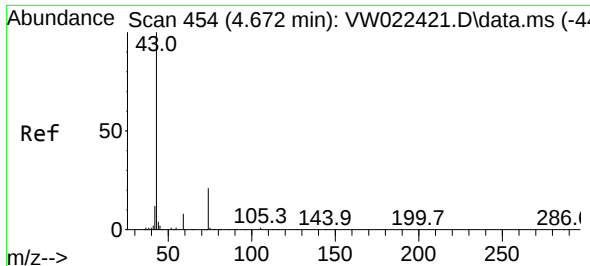
Tgt Ion: 43 Resp: 188653
Ion Ratio Lower Upper
43 100
58 27.1 0.0 57.0



#14
Carbon disulfide
Concen: 102.885 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Tgt Ion: 76 Resp: 1672022
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

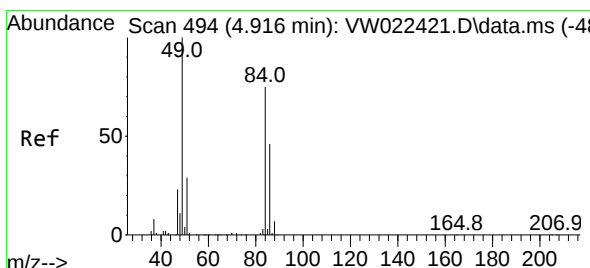
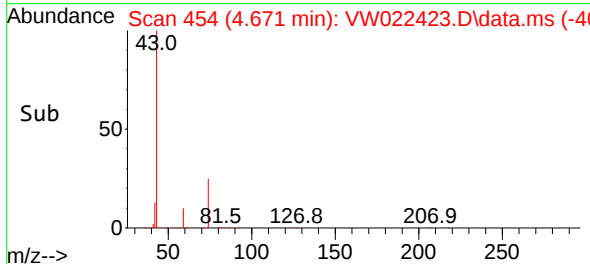
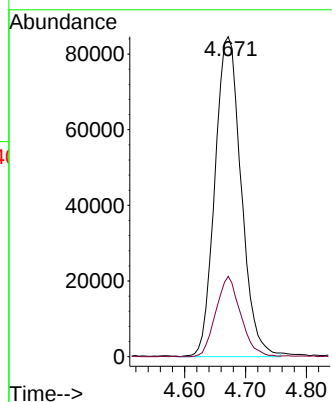
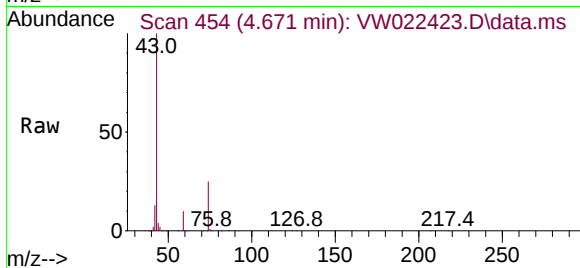




#15
Methyl Acetate
Concen: 102.899 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

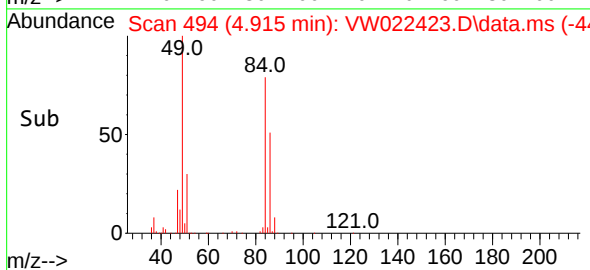
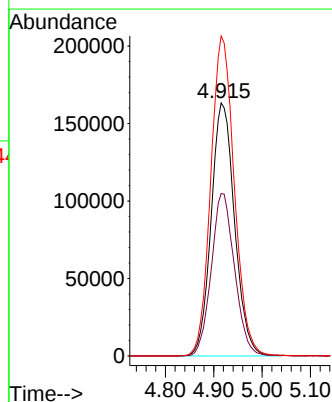
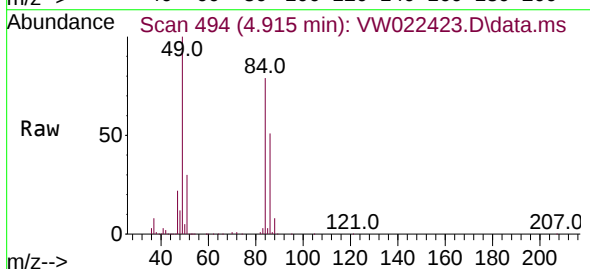
Instrument :
MSVOA_W
ClientSampleId :

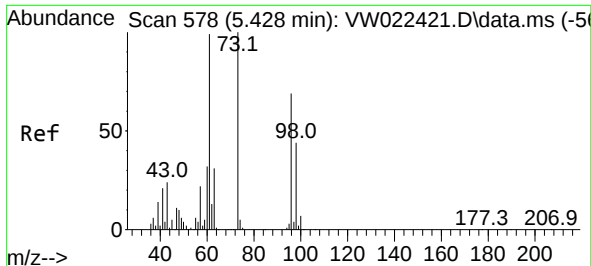
Tgt Ion: 43 Resp: 253175
Ion Ratio Lower Upper
43 100
74 23.8 18.5 27.7



#16
Methylene chloride
Concen: 99.403 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Tgt Ion: 84 Resp: 548787
Ion Ratio Lower Upper
84 100
86 64.2 42.8 79.4
49 126.4 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 102.905 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :

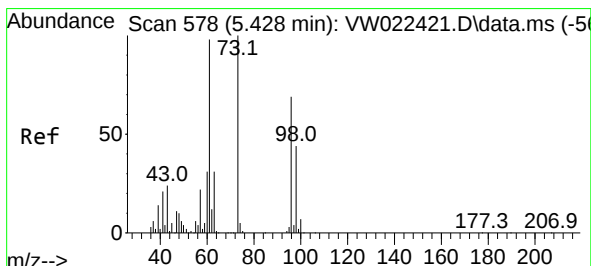
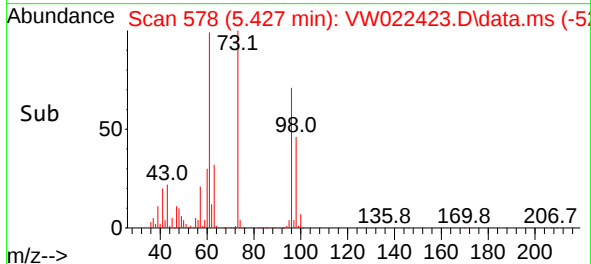
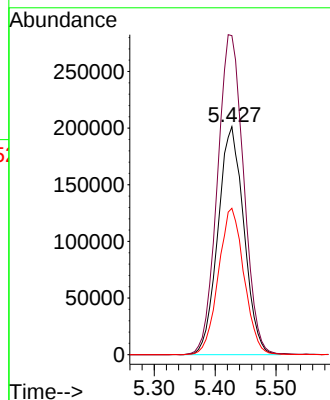
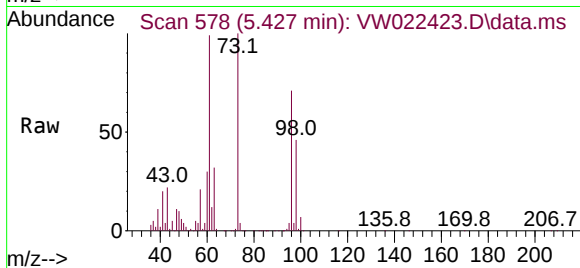
Tgt Ion: 96 Resp: 594657

Ion Ratio Lower Upper

96 100

61 139.9 99.8 185.4

98 64.2 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 104.605 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

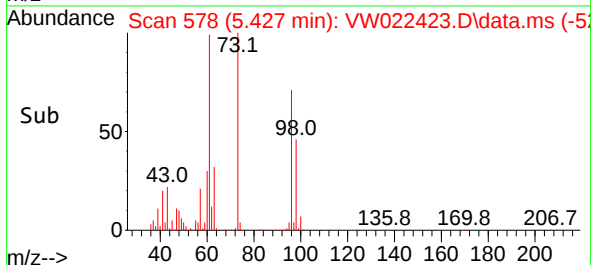
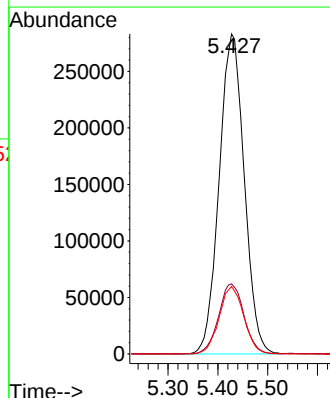
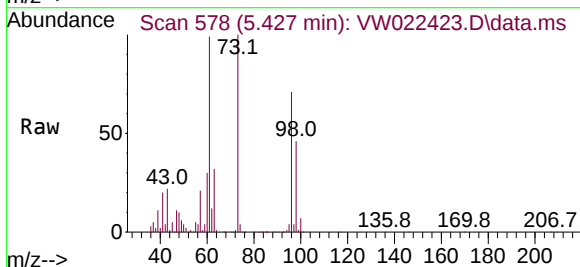
Tgt Ion: 73 Resp: 988645

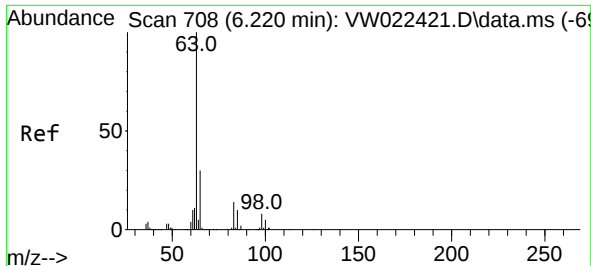
Ion Ratio Lower Upper

73 100

43 22.1 18.8 28.2

57 20.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 101.165 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :

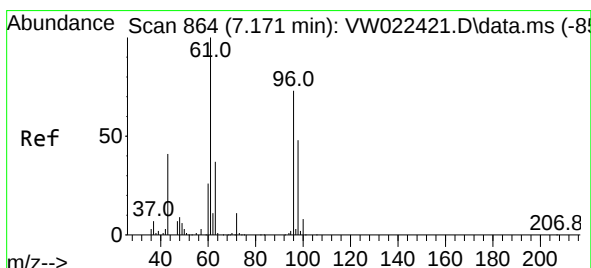
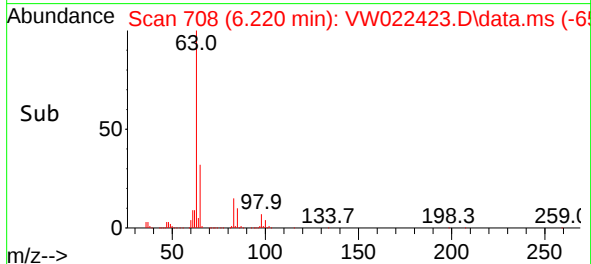
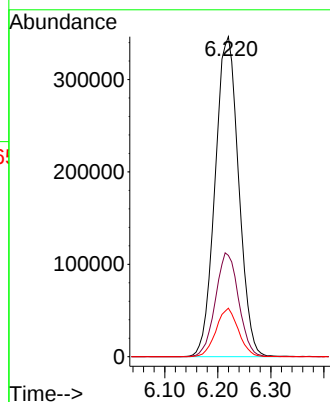
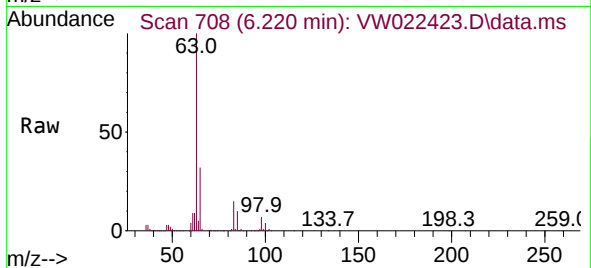
Tgt Ion: 63 Resp: 1068228

Ion Ratio Lower Upper

63 100

65 31.6 21.1 39.3

83 15.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 102.935 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

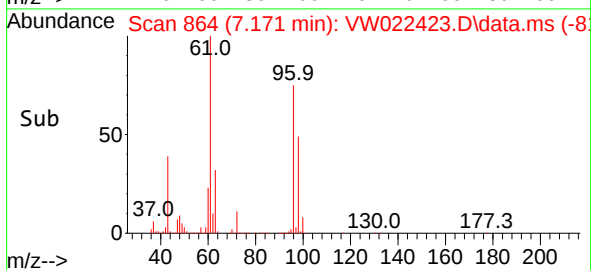
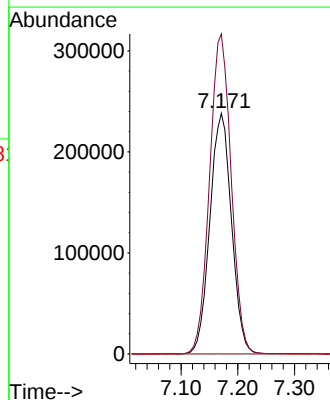
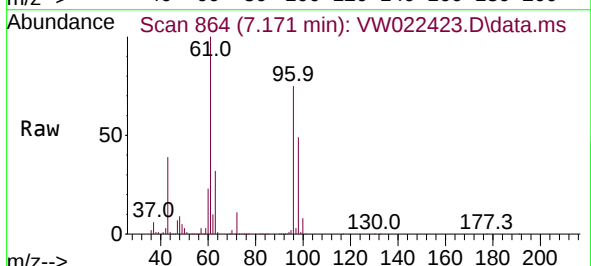
Tgt Ion: 96 Resp: 630871

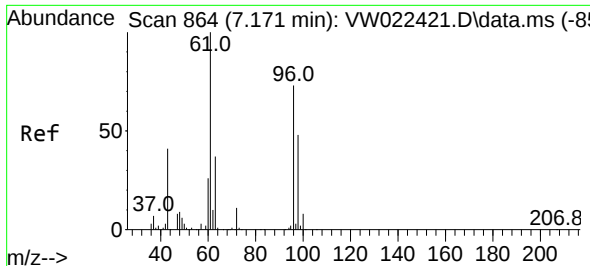
Ion Ratio Lower Upper

96 100

61 133.0 96.4 179.0

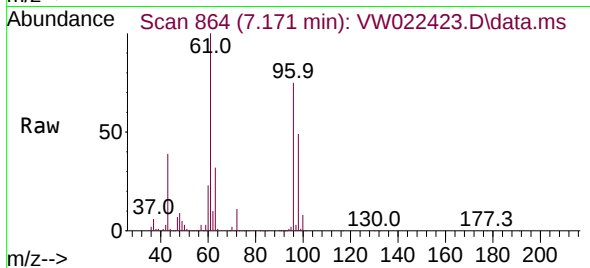
68 0.0 0.1 0.3



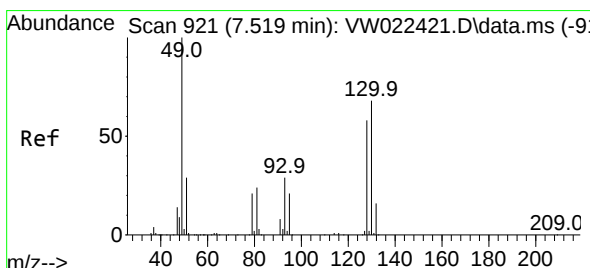
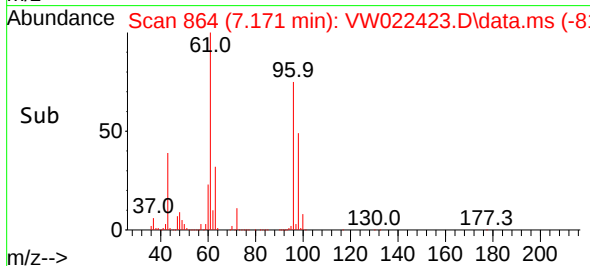
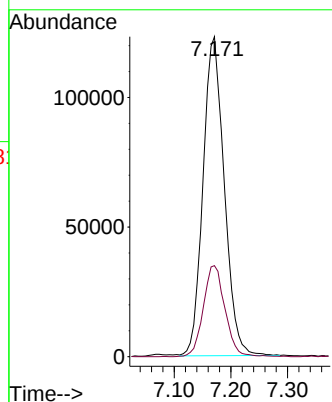


#22
2-Butanone
Concen: 219.791 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Instrument :
MSVOA_W
ClientSampleId :

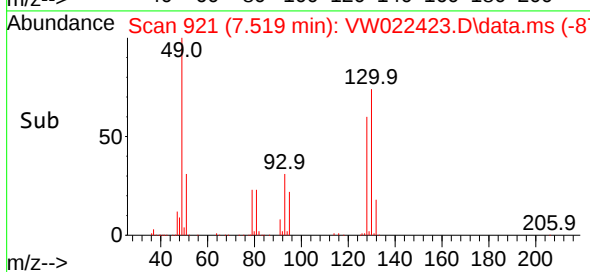
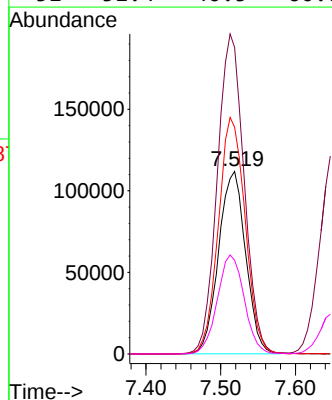
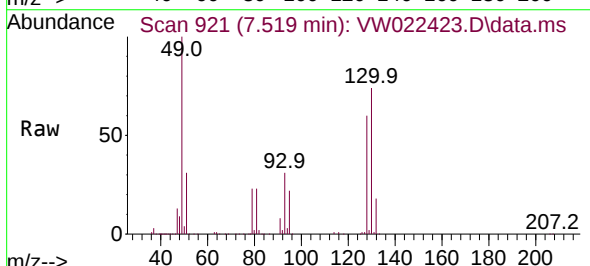


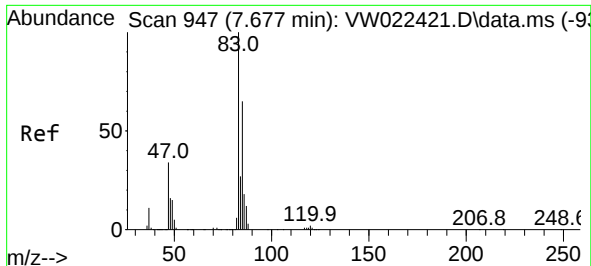
Tgt Ion: 43 Resp: 320056
Ion Ratio Lower Upper
43 100
72 28.9 14.0 42.0



#23
Bromochloromethane
Concen: 107.017 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

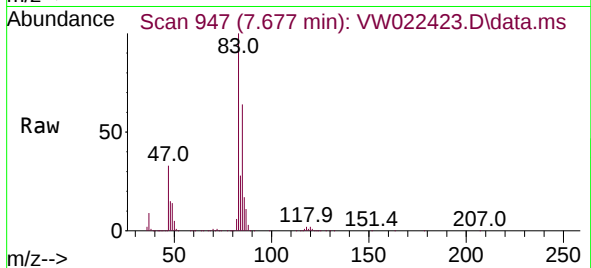
Tgt Ion:128 Resp: 281497
Ion Ratio Lower Upper
128 100
49 167.9 120.8 224.3
130 124.2 81.8 151.8
51 51.4 40.5 60.7



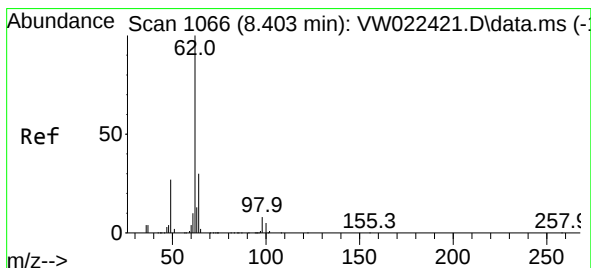
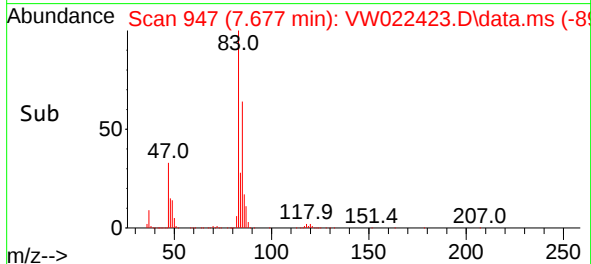
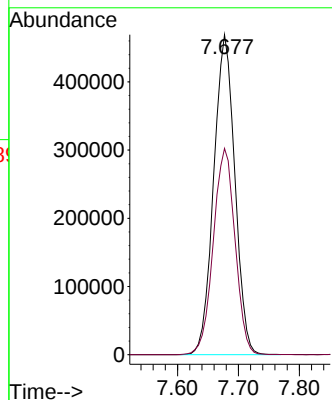


#25
Chloroform
Concen: 101.804 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Instrument :
MSVOA_W
ClientSampleId :

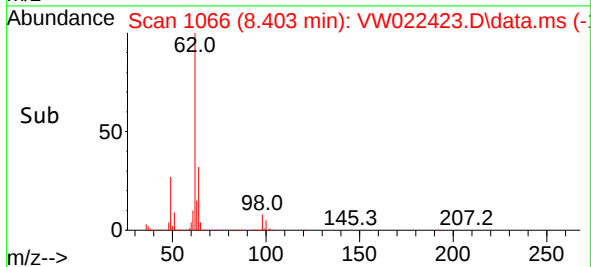
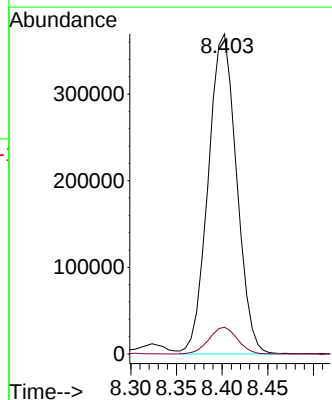
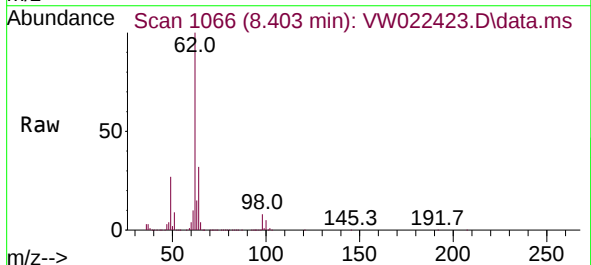


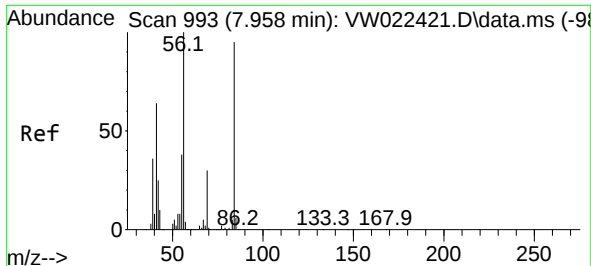
Tgt Ion: 83 Resp: 1132200
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 102.119 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Tgt Ion: 62 Resp: 798235
Ion Ratio Lower Upper
62 100
98 8.3 6.2 9.2





#29

Cyclohexane

Concen: 97.501 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

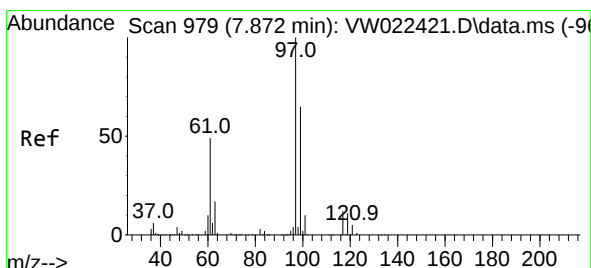
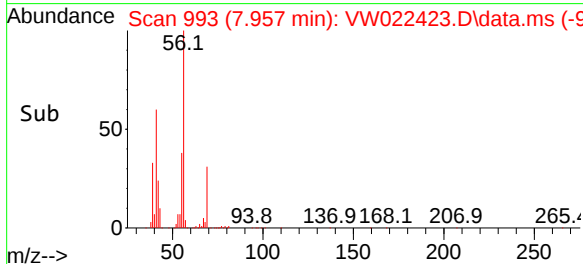
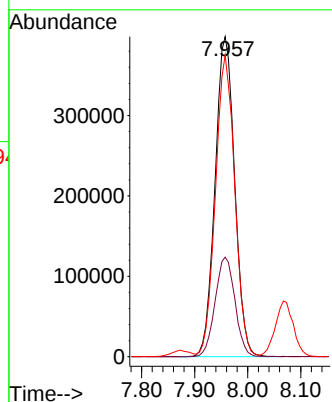
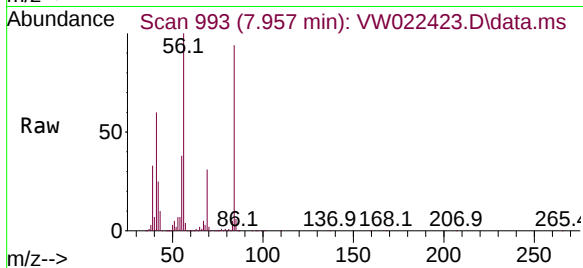
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 1021749

Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.4	36.6
84	92.7	72.6	108.8



#30

1,1,1-Trichloroethane

Concen: 100.727 ug/L

RT: 7.872 min Scan# 979

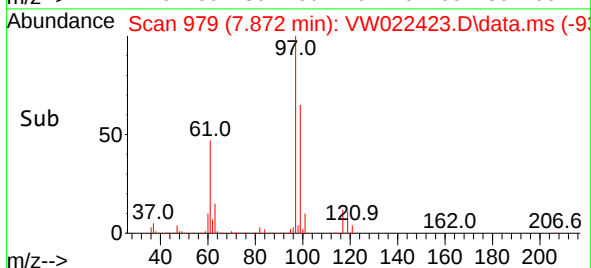
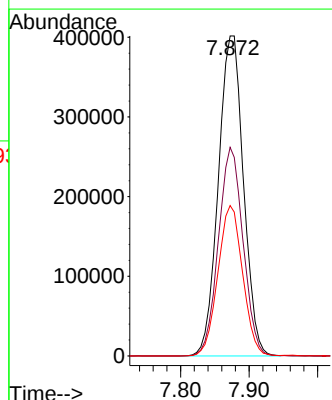
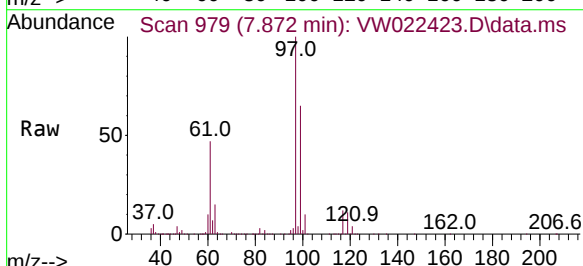
Delta R.T. -0.000 min

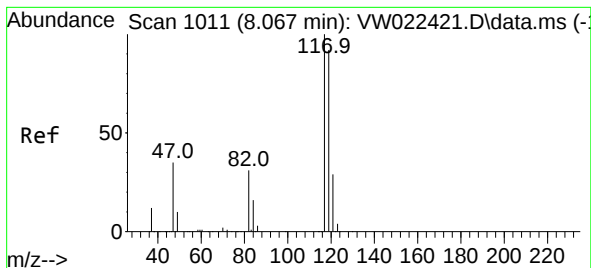
Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Tgt Ion: 97 Resp: 1023049

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	46.2	38.7	58.1





#31

Carbon tetrachloride

Concen: 100.818 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

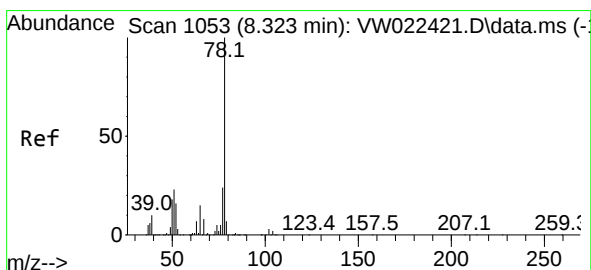
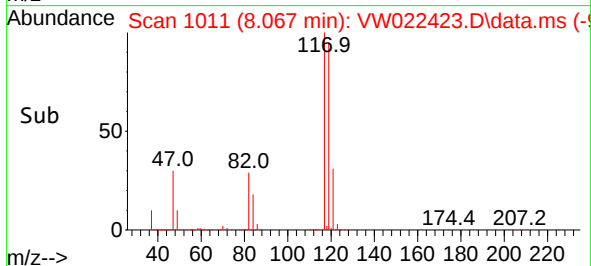
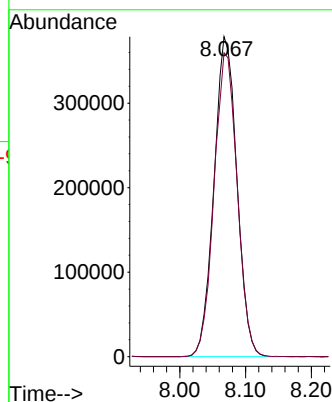
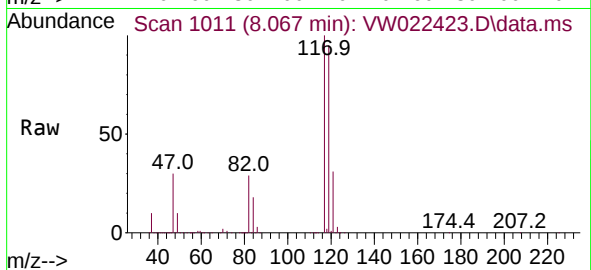
ClientSampleId :

Tgt Ion:117 Resp: 919048

Ion Ratio Lower Upper

117 100

119 95.7 75.5 113.3



#33

Benzene

Concen: 99.272 ug/L

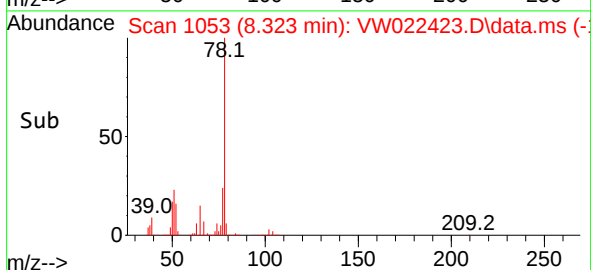
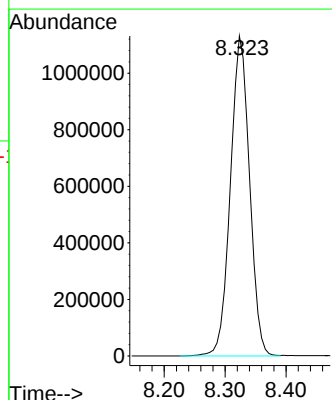
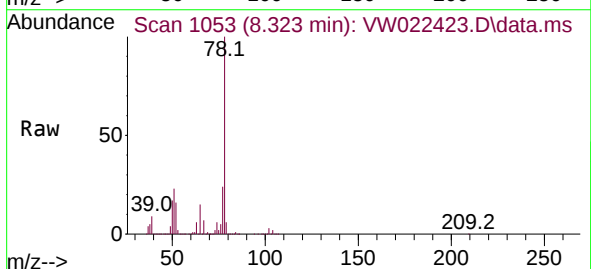
RT: 8.323 min Scan# 1053

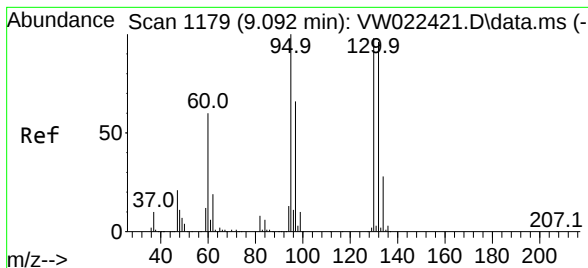
Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Tgt Ion: 78 Resp: 2467805





#34

Trichloroethene

Concen: 99.190 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

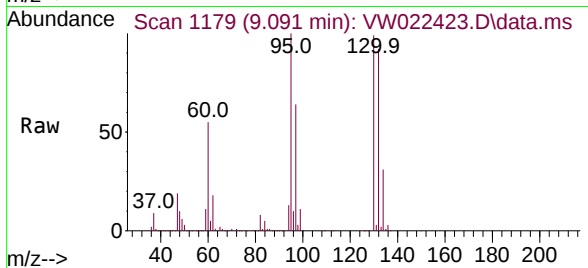
Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 660215

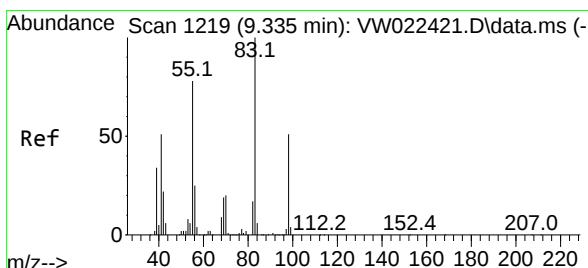
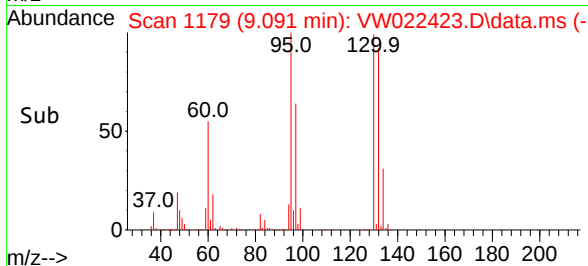
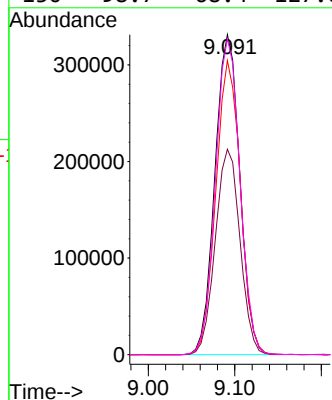
Ion Ratio Lower Upper

95 100

97 64.2 46.4 86.2

132 91.9 67.4 125.2

130 98.7 68.4 127.0



#35

Methylcyclohexane

Concen: 97.797 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

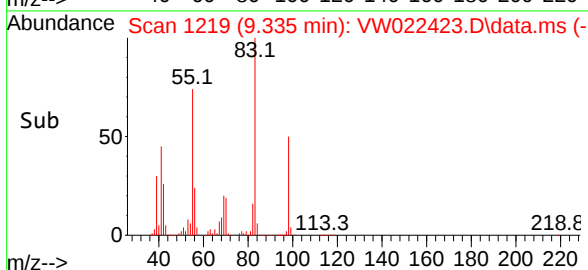
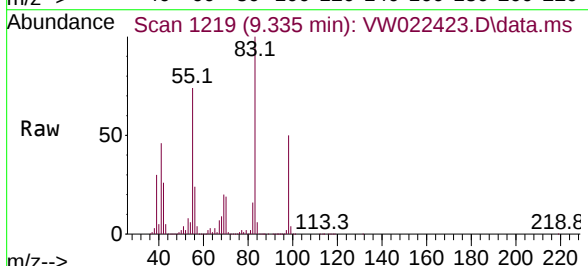
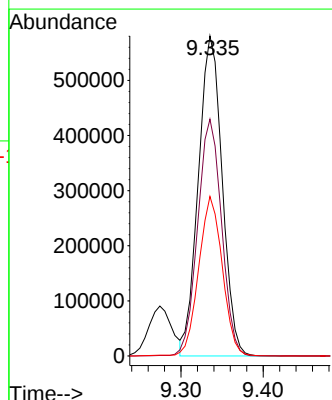
Tgt Ion: 83 Resp: 1167885

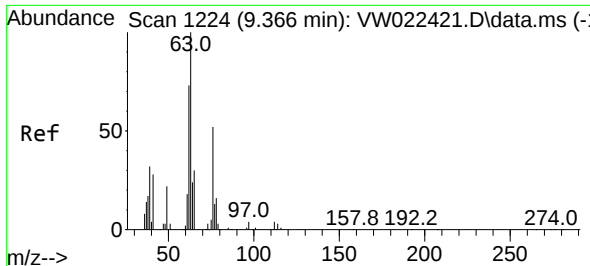
Ion Ratio Lower Upper

83 100

55 74.1 61.0 91.6

98 49.3 39.2 58.8





#37

1,2-Dichloropropane

Concen: 97.990 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

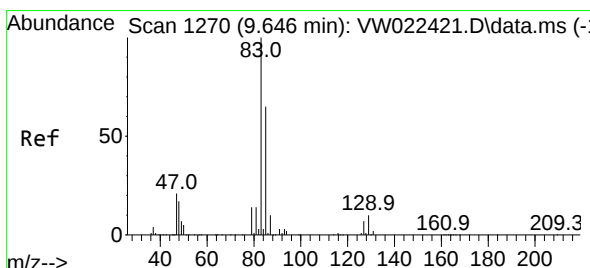
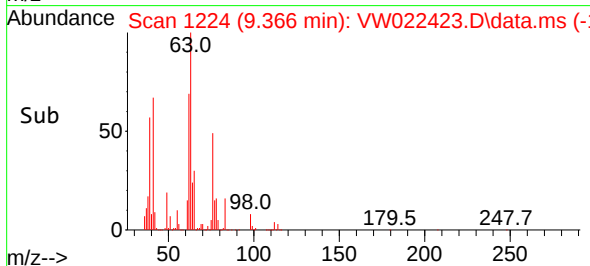
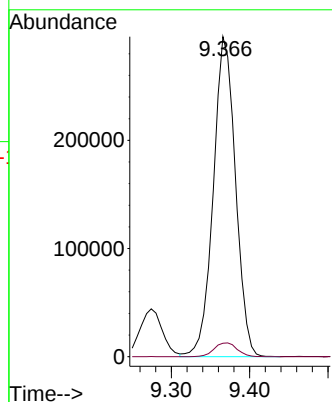
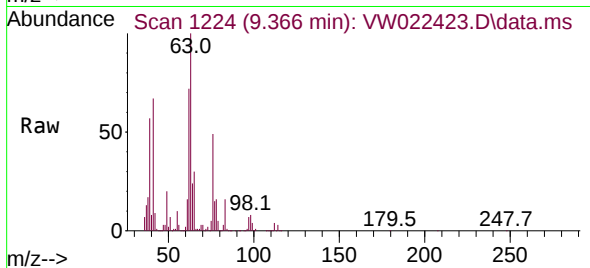
ClientSampleId :

Tgt Ion: 63 Resp: 583563

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 104.416 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

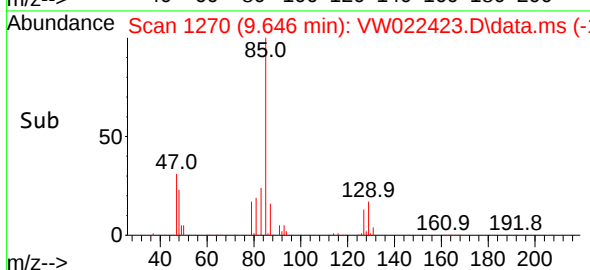
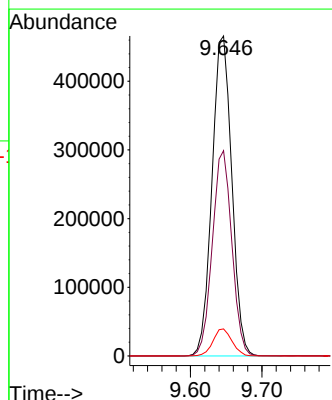
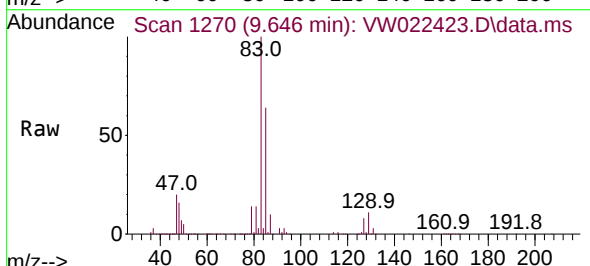
Tgt Ion: 83 Resp: 894232

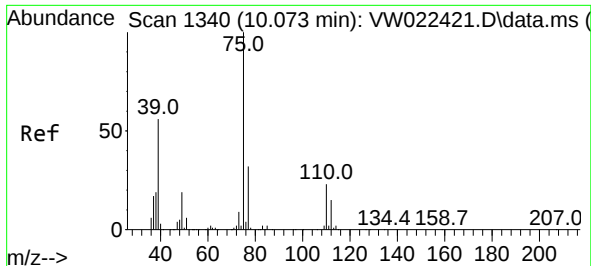
Ion Ratio Lower Upper

83 100

85 64.2 45.2 84.0

127 8.4 6.0 9.0

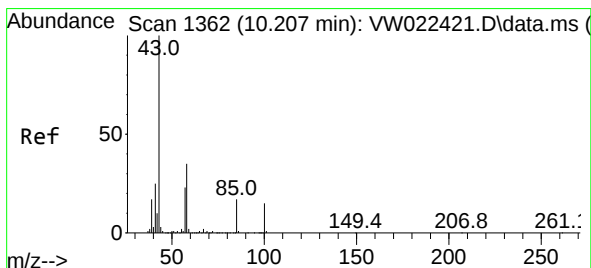
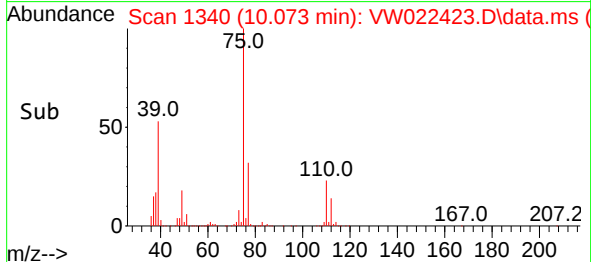
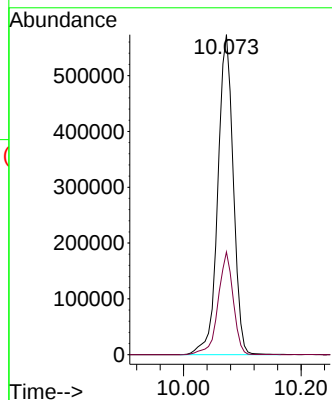
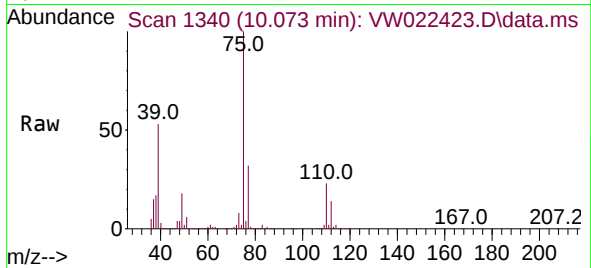




#39
 cis-1,3-Dichloropropene
 Concen: 110.502 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

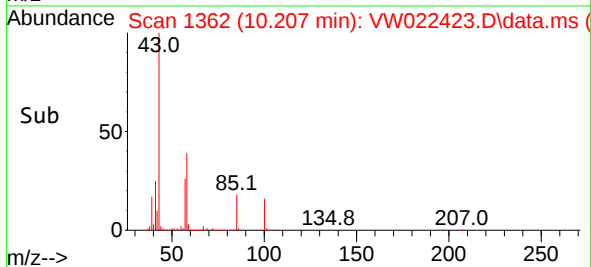
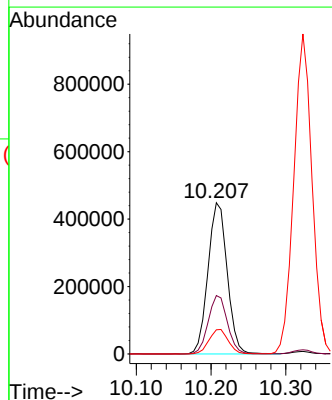
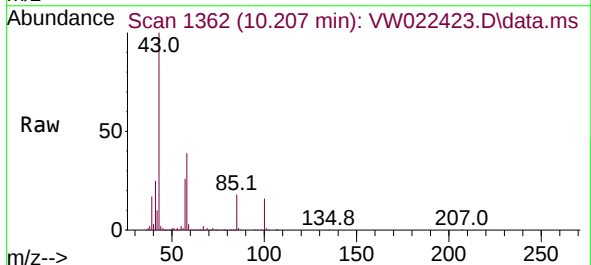
Instrument :
 MSVOA_W
 ClientSampleId :

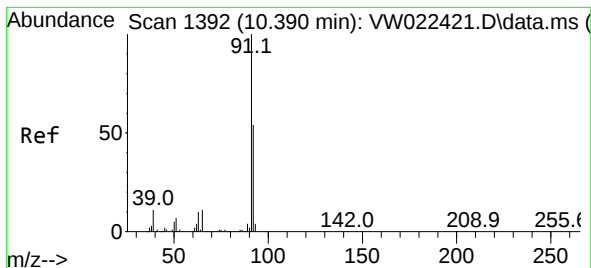
Tgt Ion: 75 Resp: 1044244
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 220.705 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022423.D
 Acq: 07 Apr 2022 10:21

Tgt Ion: 43 Resp: 802131
 Ion Ratio Lower Upper
 43 100
 58 38.6 29.3 43.9
 100 16.3 12.2 18.4





#42

Toluene

Concen: 102.287 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

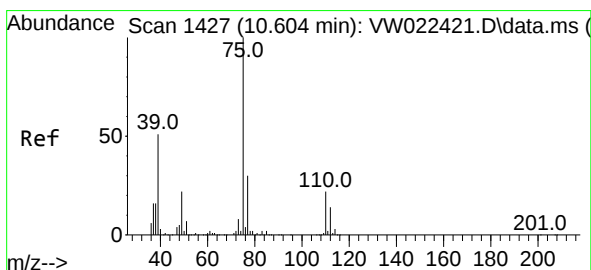
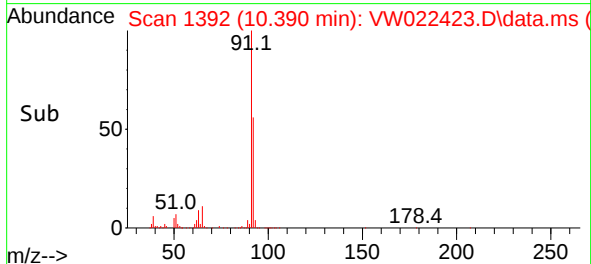
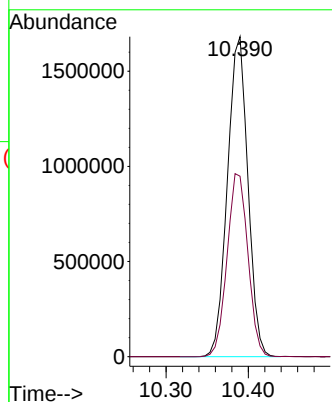
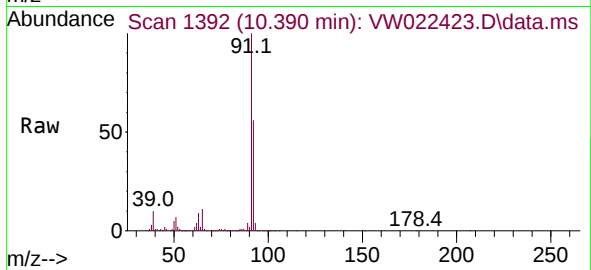
ClientSampleId :

Tgt Ion: 91 Resp: 2913698

Ion Ratio Lower Upper

91 100

92 56.4 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 113.537 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022423.D

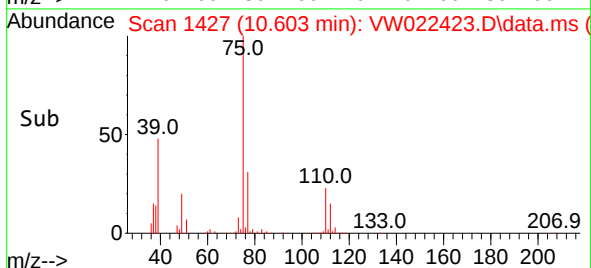
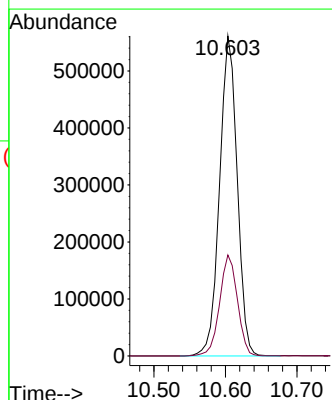
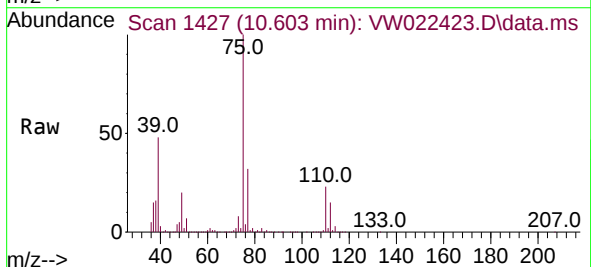
Acq: 07 Apr 2022 10:21

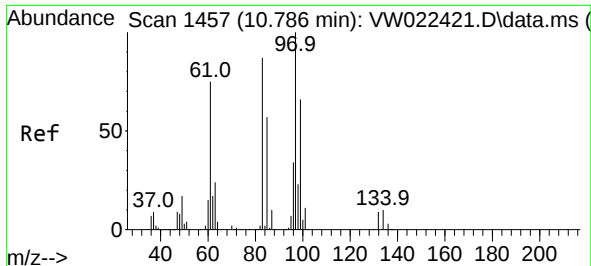
Tgt Ion: 75 Resp: 960700

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 105.712 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 480472

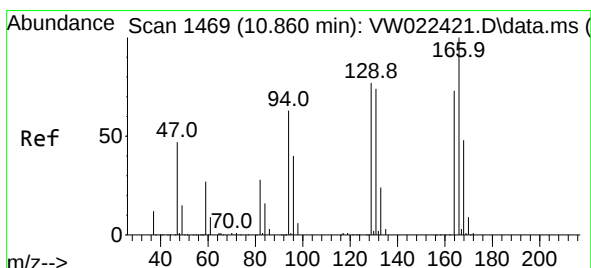
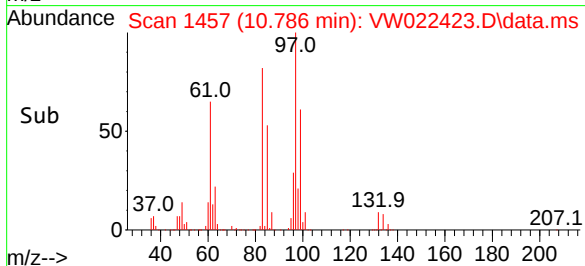
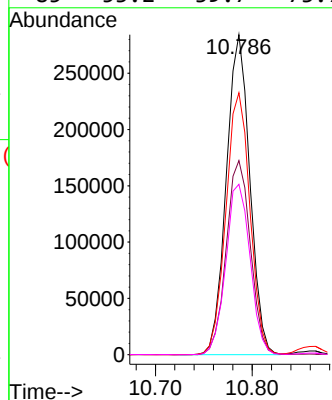
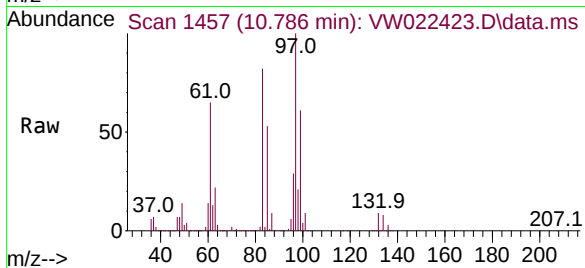
Ion Ratio Lower Upper

97 100

99 60.6 46.0 85.4

83 81.9 60.6 112.6

85 53.2 39.7 73.7



#46

Tetrachloroethene

Concen: 98.234 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Tgt Ion:164 Resp: 480629

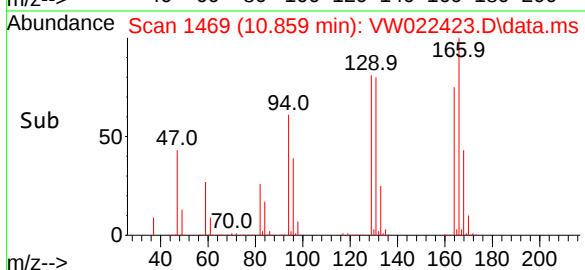
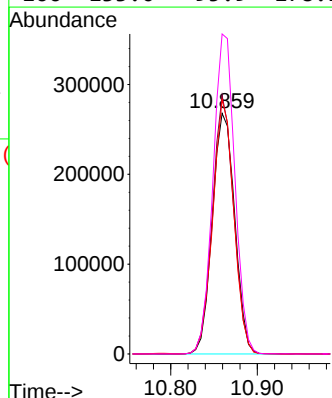
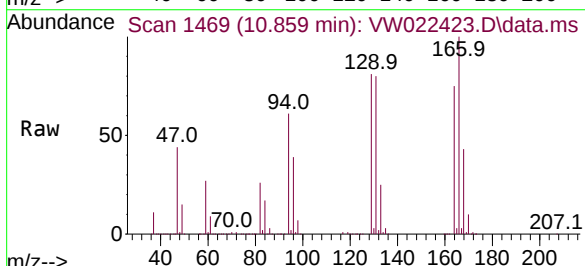
Ion Ratio Lower Upper

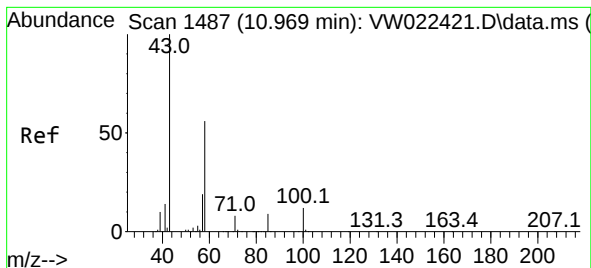
164 100

129 107.5 74.1 137.7

131 105.8 71.4 132.6

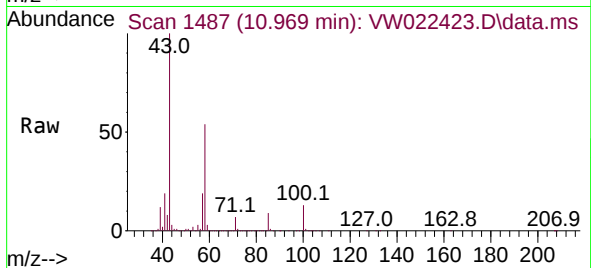
166 133.0 95.9 178.1



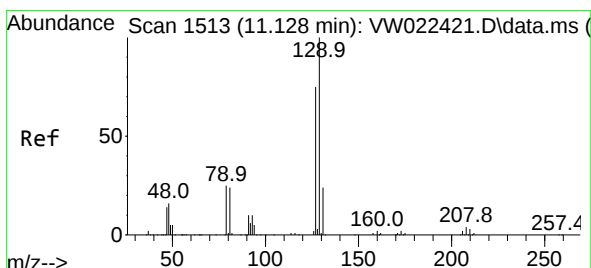
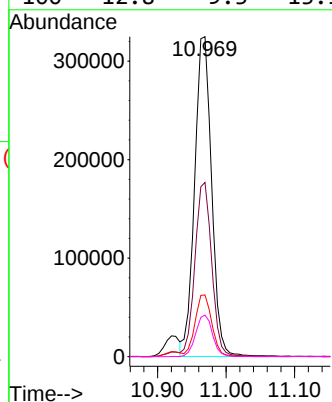
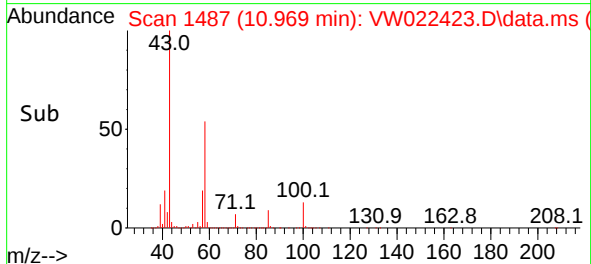


#48
2-Hexanone
Concen: 218.831 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

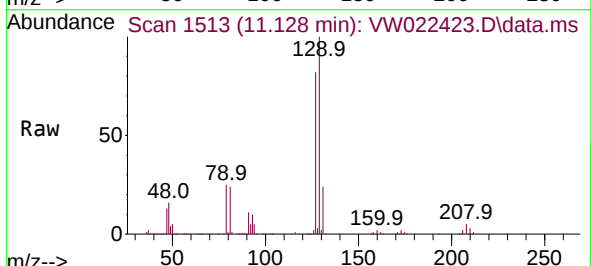
Instrument :
MSVOA_W
ClientSampleId :



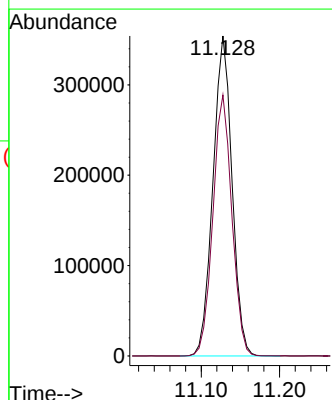
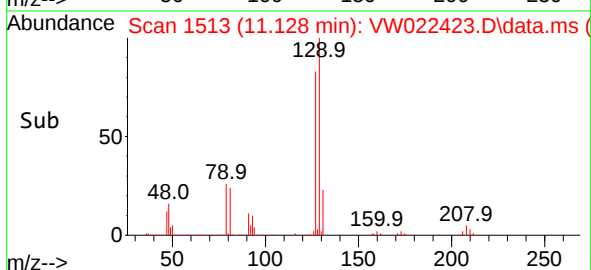
Tgt Ion: 43 Resp: 561806
Ion Ratio Lower Upper
43 100
58 53.8 41.6 62.4
57 19.0 14.5 21.7
100 12.8 9.3 13.9

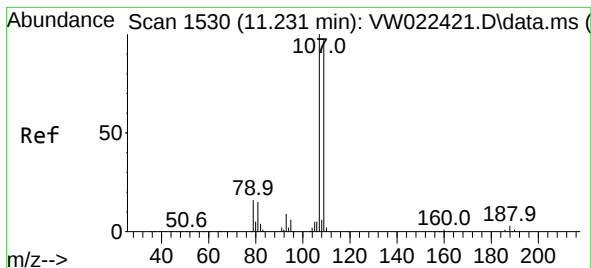


#49
Dibromochloromethane
Concen: 110.482 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21



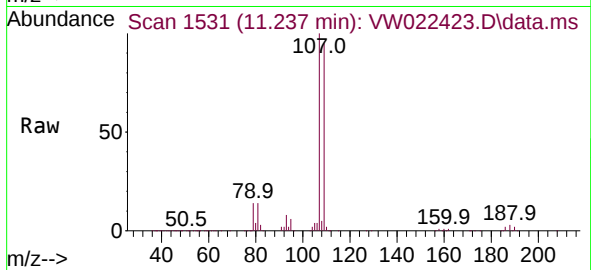
Tgt Ion: 129 Resp: 598880
Ion Ratio Lower Upper
129 100
127 81.5 52.6 97.6



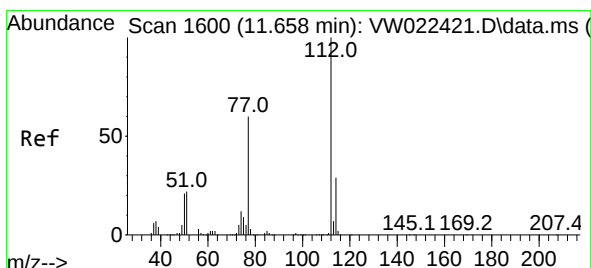
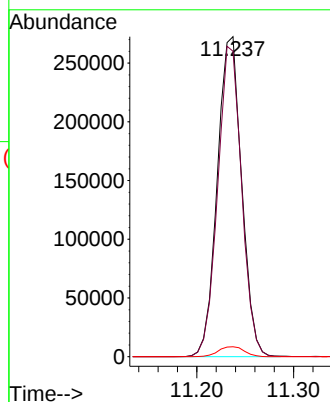
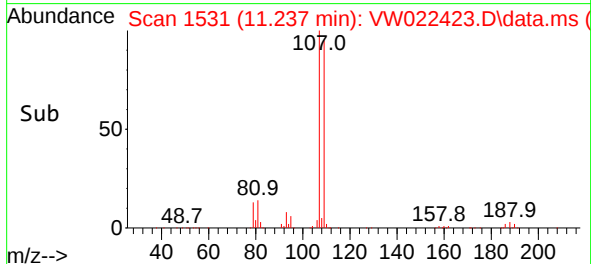


#50
1,2-Dibromoethane
Concen: 106.207 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

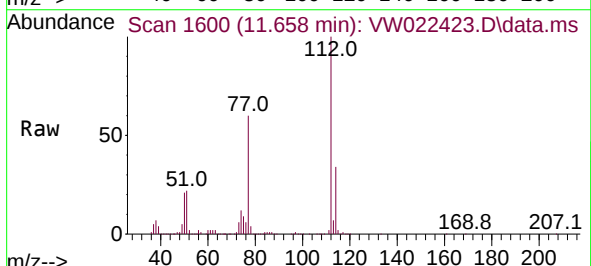
Instrument :
MSVOA_W
ClientSampleId :



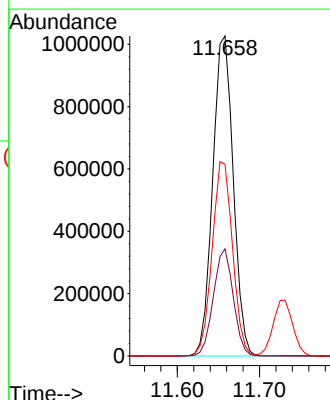
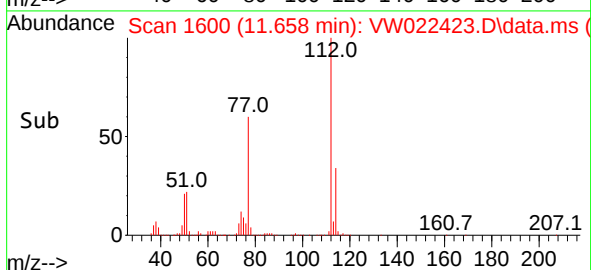
Tgt Ion:107 Resp: 476658
Ion Ratio Lower Upper
107 100
109 95.4 68.2 126.6
188 3.1 2.8 4.2

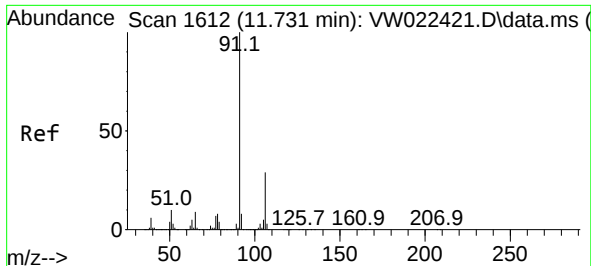


#51
Chlorobenzene
Concen: 102.387 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21



Tgt Ion:112 Resp: 1782271
Ion Ratio Lower Upper
112 100
114 33.5 20.5 38.1
77 59.9 48.1 72.1

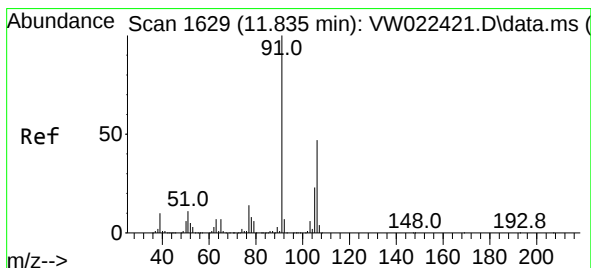
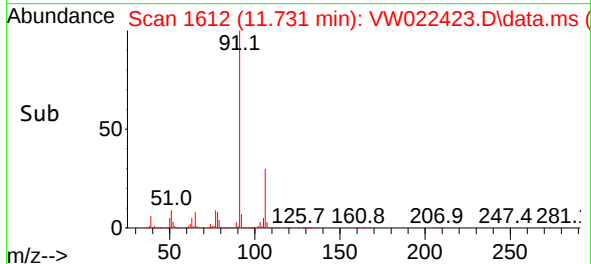
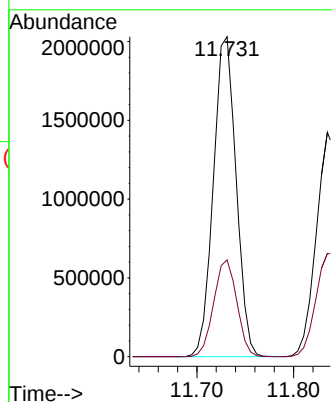
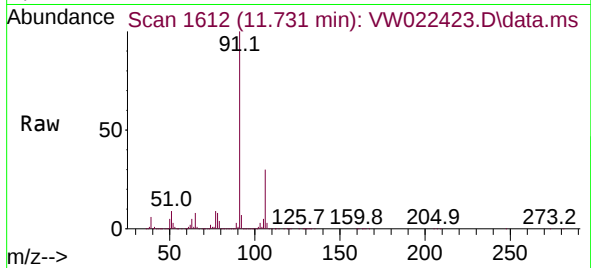




#52
Ethylbenzene
Concen: 103.780 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

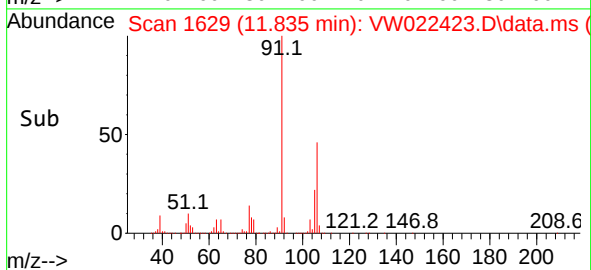
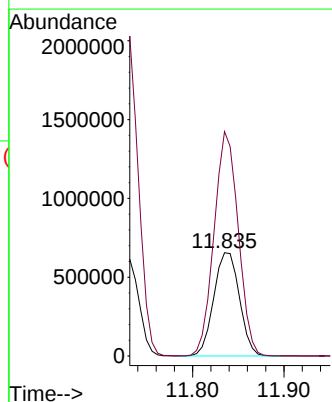
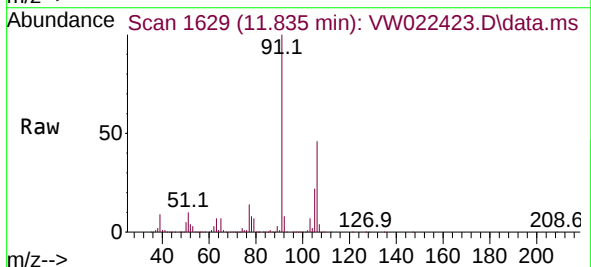
Instrument :
MSVOA_W
ClientSampleId :

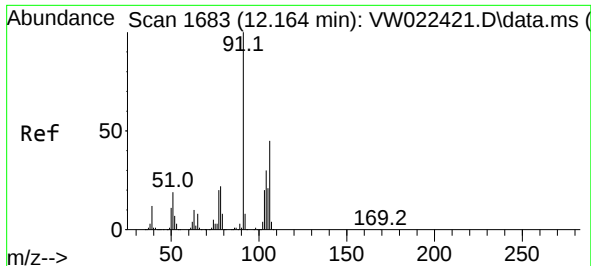
Tgt Ion: 91 Resp: 3313301
Ion Ratio Lower Upper
91 100
106 30.3 20.5 38.1



#53
m,p-Xylene
Concen: 105.243 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Tgt Ion:106 Resp: 1277677
Ion Ratio Lower Upper
106 100
91 217.5 149.9 278.5

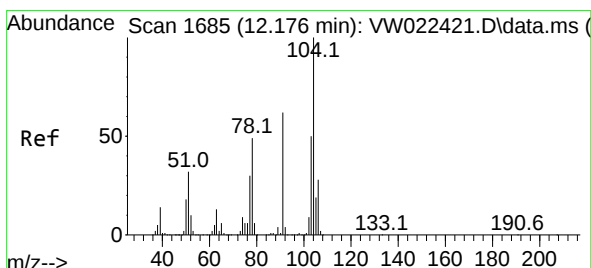
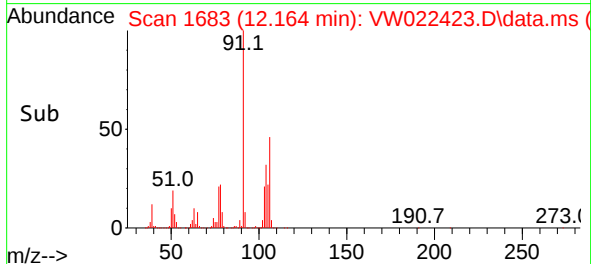
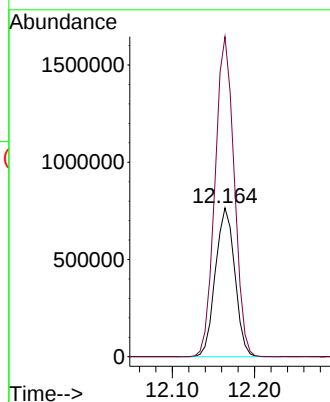
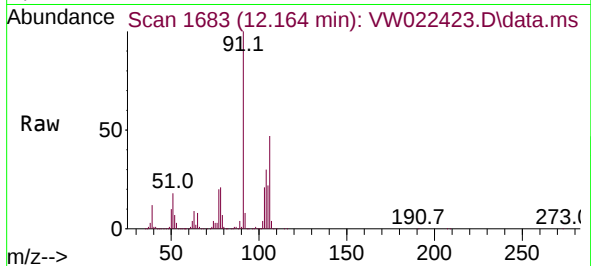




#54
o-Xylene
Concen: 107.919 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

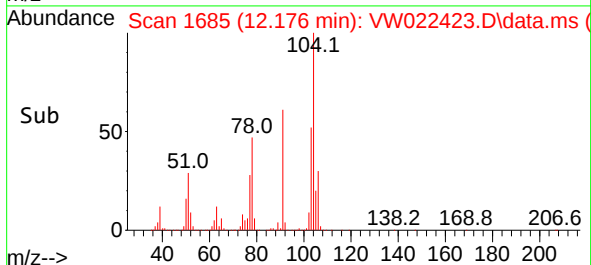
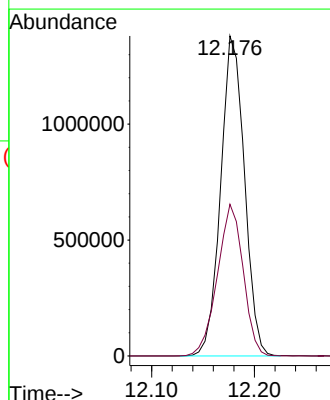
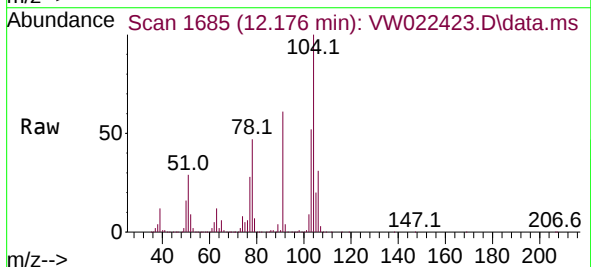
Instrument :
MSVOA_W
ClientSampleId :

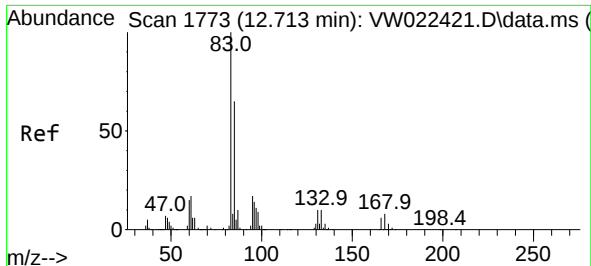
Tgt Ion:106 Resp: 1252008
Ion Ratio Lower Upper
106 100
91 214.9 155.3 288.3



#55
Styrene
Concen: 111.766 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

Tgt Ion:104 Resp: 2216635
Ion Ratio Lower Upper
104 100
78 47.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 107.410 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022423.D

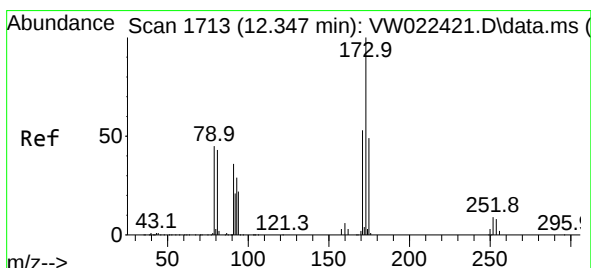
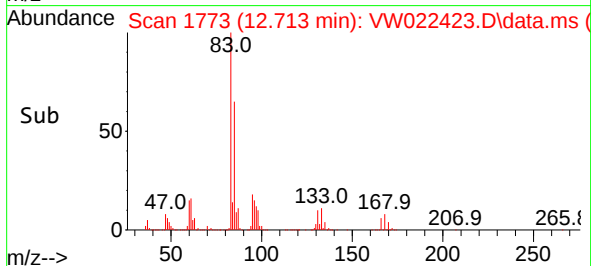
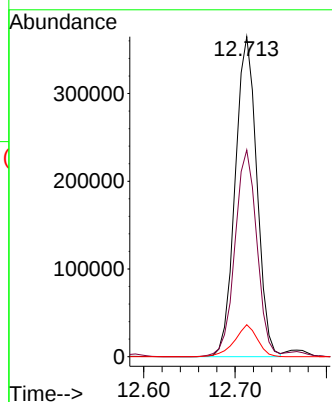
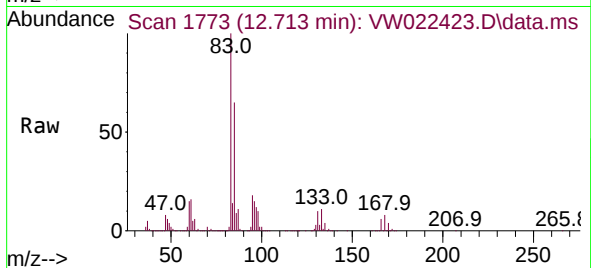
Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 599195
Ion Ratio	Lower Upper
83	100
85	64.6 45.5 84.5
131	10.0 7.8 11.8



#59

Bromoform

Concen: 120.957 ug/L

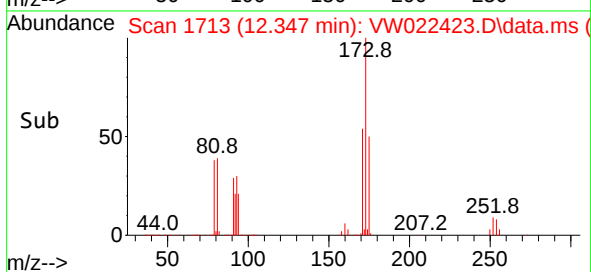
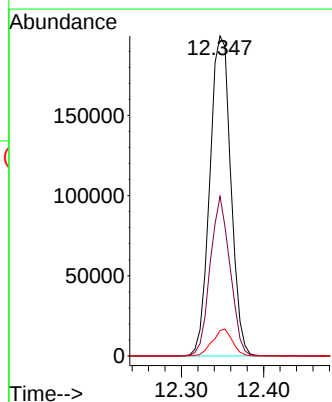
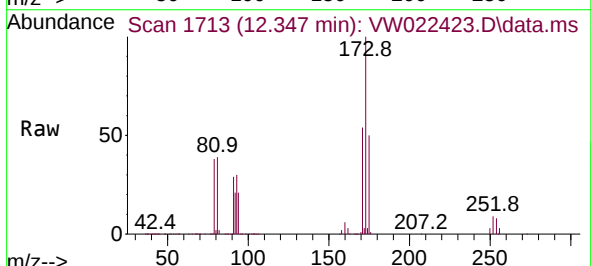
RT: 12.347 min Scan# 1713

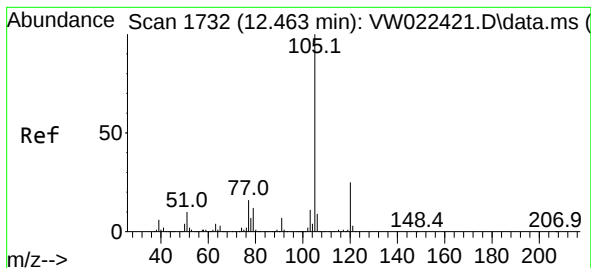
Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Tgt Ion: 173	Resp: 354247
Ion Ratio	Lower Upper
173	100
175	47.1 39.2 58.8
254	8.0 6.6 9.8





#60

Isopropylbenzene

Concen: 104.313 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

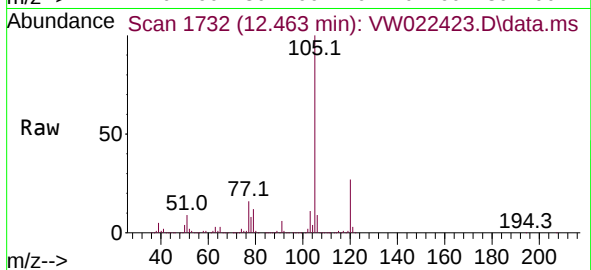
Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :



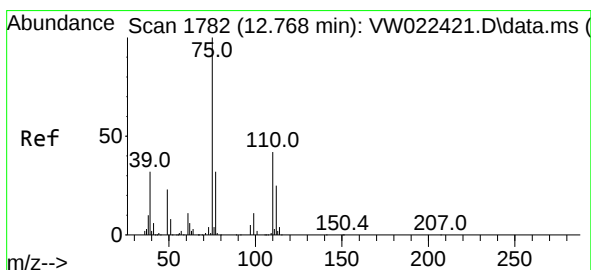
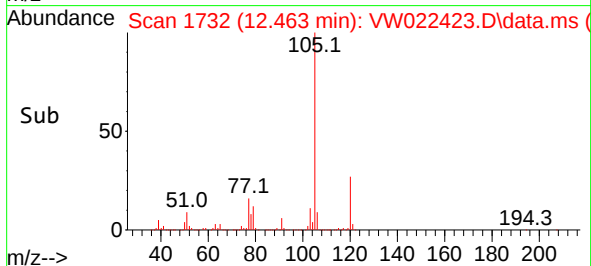
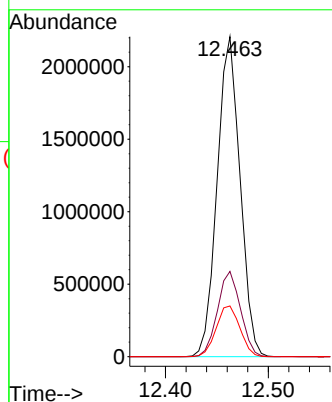
Tgt Ion:105 Resp: 3415217

Ion Ratio Lower Upper

105 100

120 26.8 20.9 31.3

77 16.5 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 104.219 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

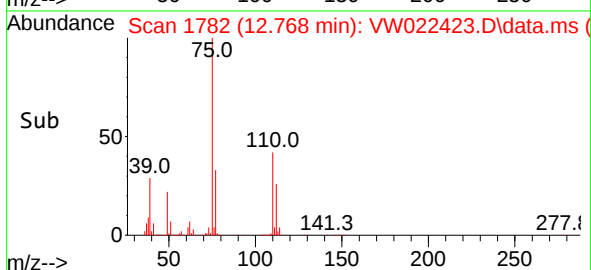
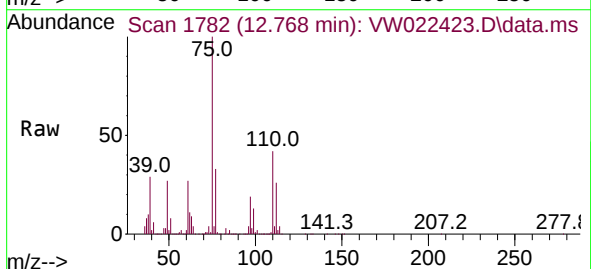
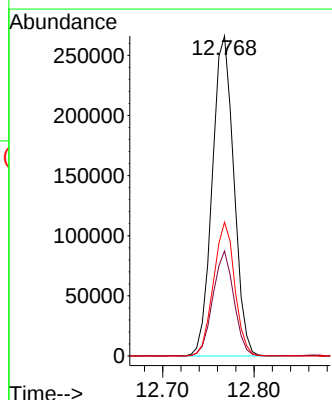
Tgt Ion: 75 Resp: 436950

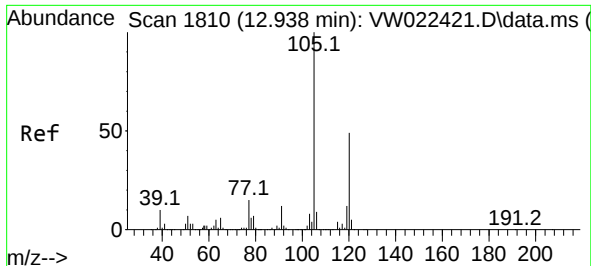
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

110 41.0 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 105.608 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

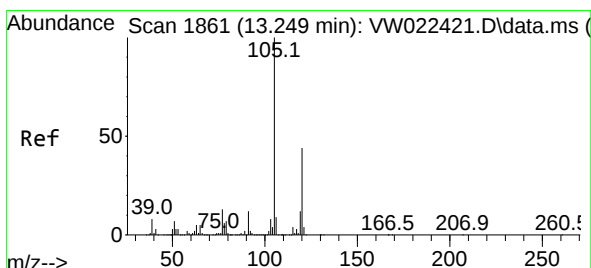
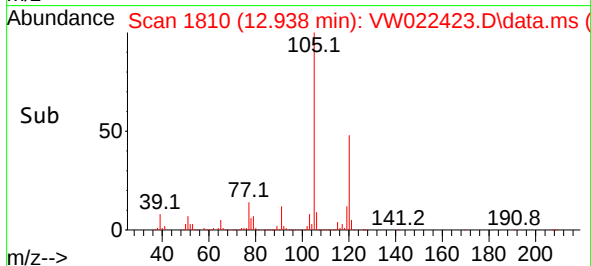
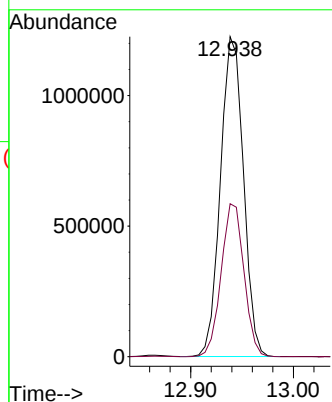
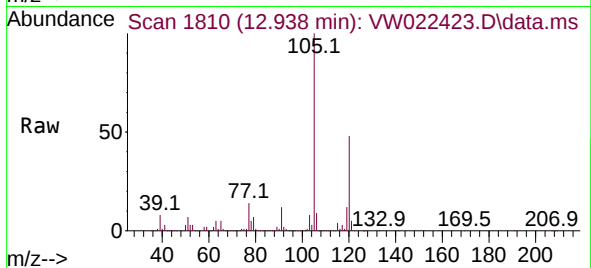
ClientSampleId :

Tgt Ion:105 Resp: 1901540

Ion Ratio Lower Upper

105 100

120 47.5 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 104.667 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022423.D

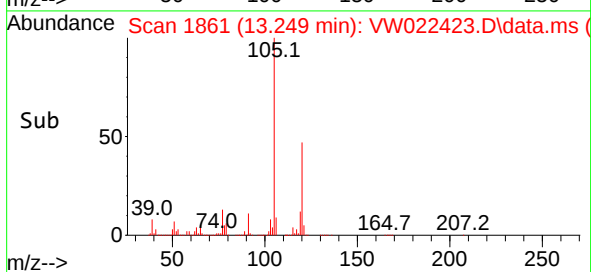
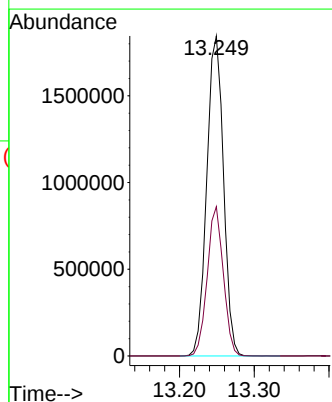
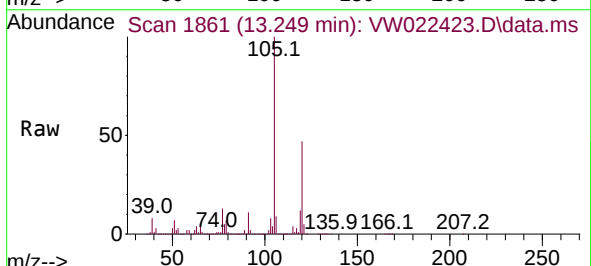
Acq: 07 Apr 2022 10:21

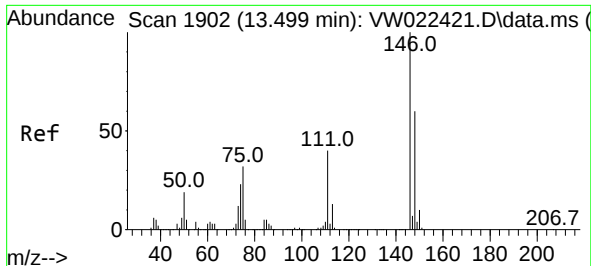
Tgt Ion:105 Resp: 2865859

Ion Ratio Lower Upper

105 100

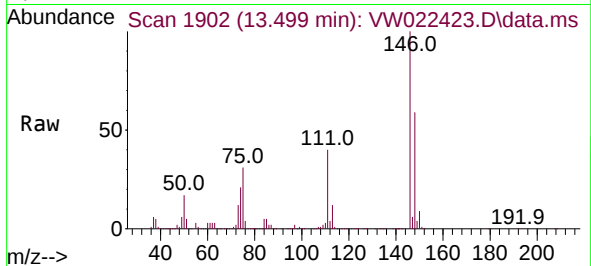
120 44.9 34.2 51.2



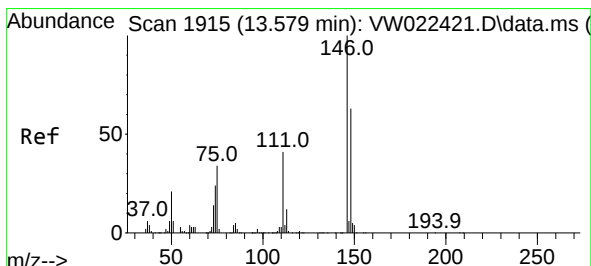
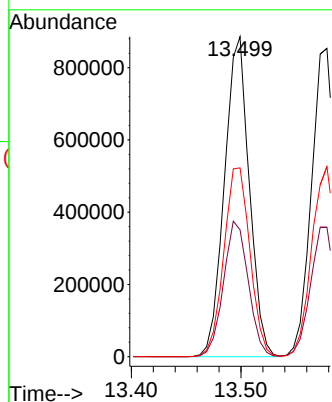
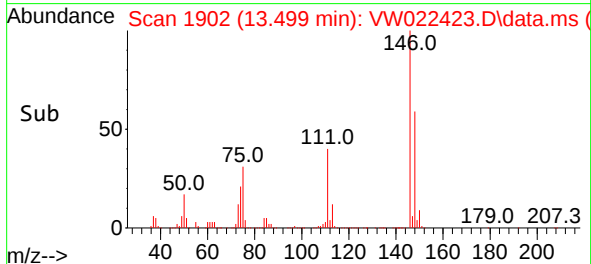


#64
1,3-Dichlorobenzene
Concen: 104.855 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21

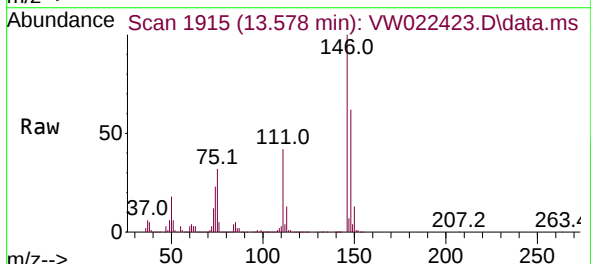
Instrument :
MSVOA_W
ClientSampleId :



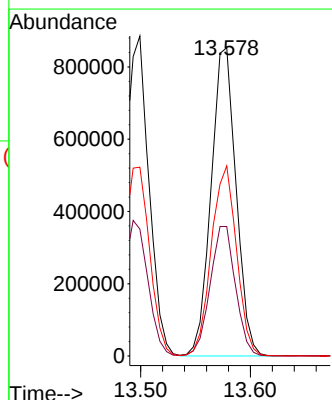
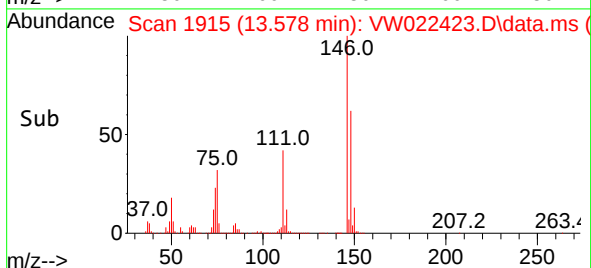
Tgt Ion:146 Resp: 1393261
Ion Ratio Lower Upper
146 100
111 39.6 28.2 52.4
148 59.0 41.9 77.7

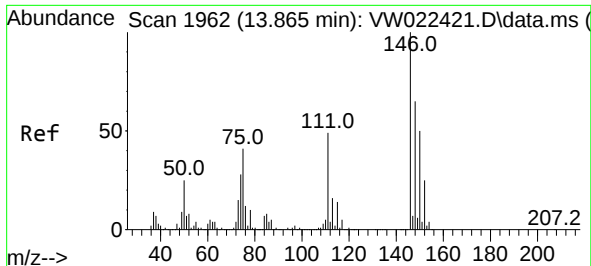


#65
1,4-Dichlorobenzene
Concen: 102.145 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022423.D
Acq: 07 Apr 2022 10:21



Tgt Ion:146 Resp: 1353593
Ion Ratio Lower Upper
146 100
111 42.0 28.5 52.9
148 61.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 102.004 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :

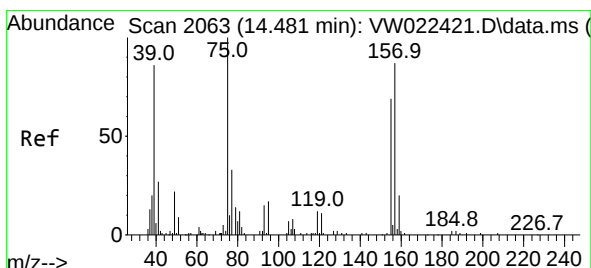
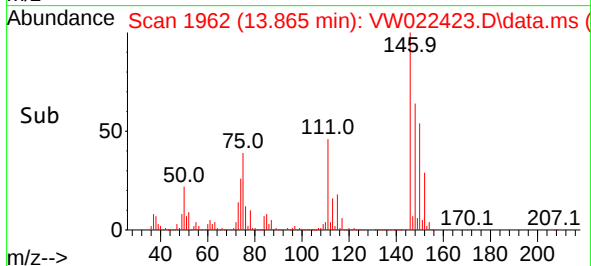
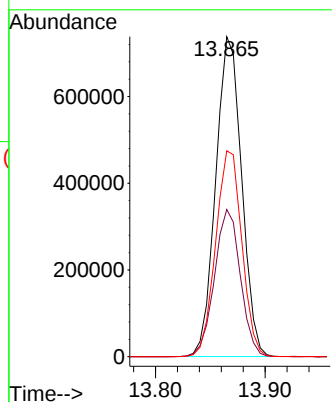
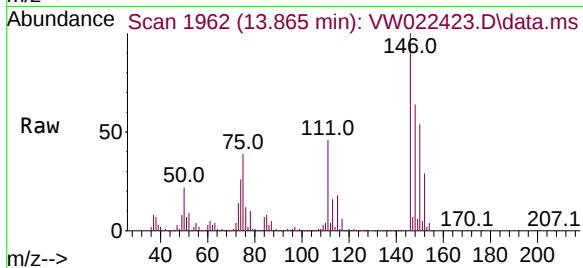
Tgt Ion:146 Resp: 1212149

Ion Ratio Lower Upper

146 100

111 46.0 39.0 58.4

148 64.3 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 111.593 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

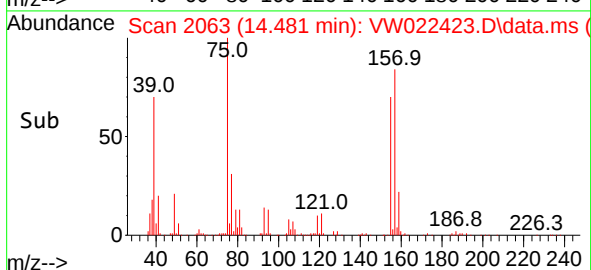
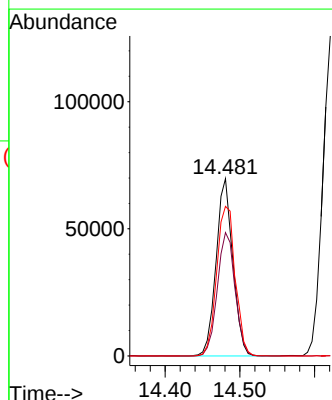
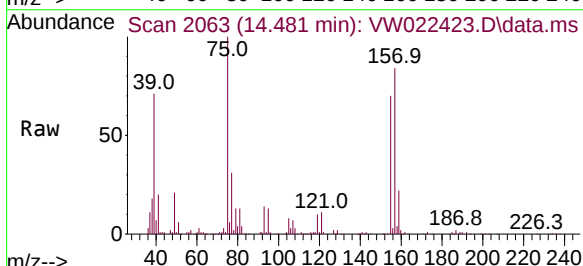
Tgt Ion: 75 Resp: 108509

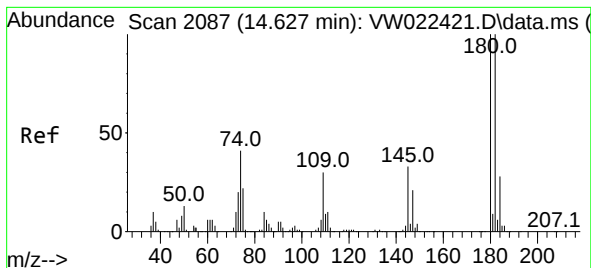
Ion Ratio Lower Upper

75 100

155 69.6 55.6 83.4

157 84.3 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 102.516 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

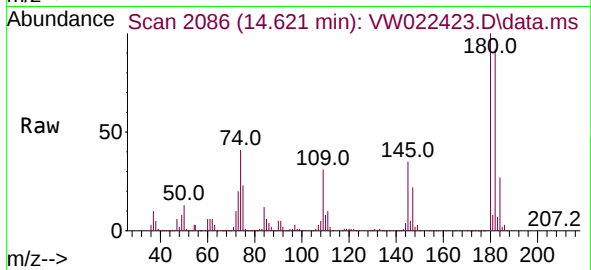
Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 888769

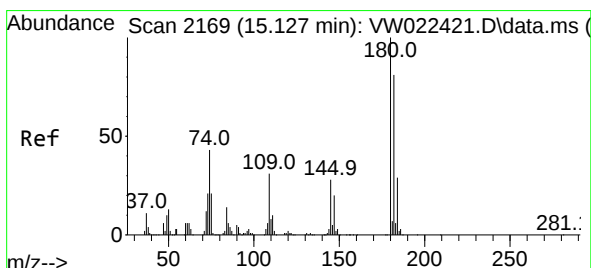
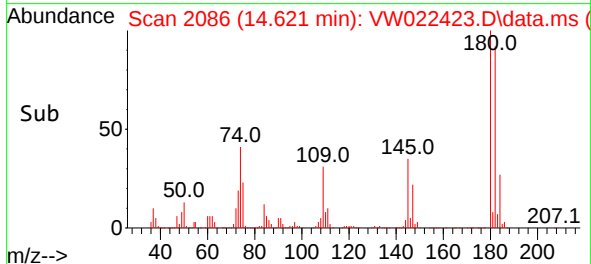
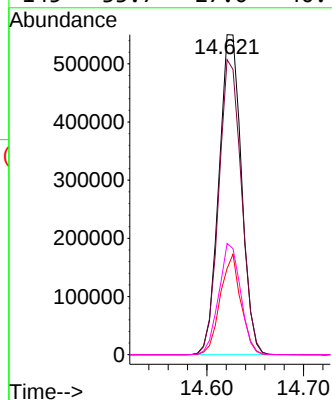
Ion Ratio Lower Upper

180 100

182 92.8 79.1 118.7

184 28.7 24.5 36.7

145 33.7 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 105.088 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

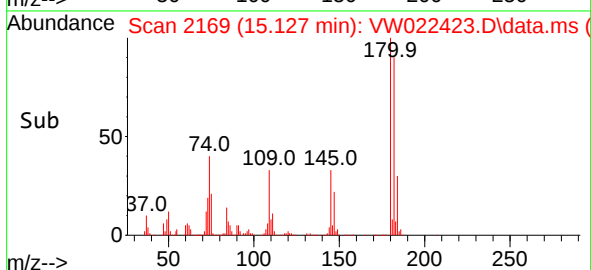
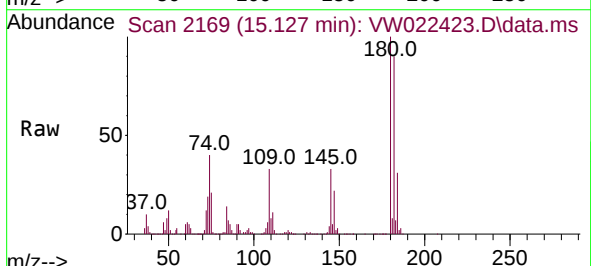
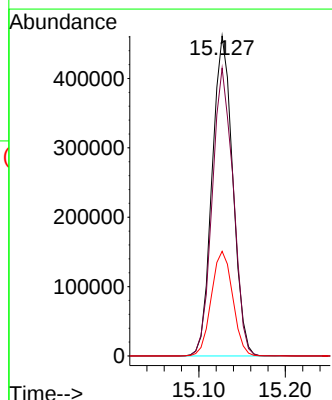
Tgt Ion:180 Resp: 765148

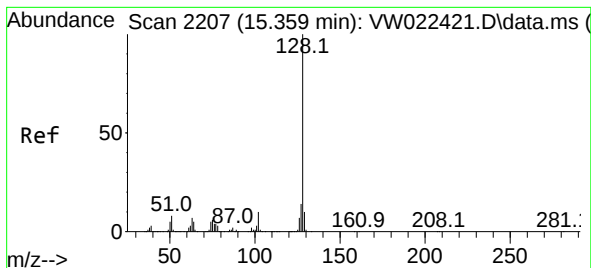
Ion Ratio Lower Upper

180 100

182 91.0 72.8 109.2

145 33.8 25.5 38.3





#71

Naphthalene

Concen: 113.329 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Instrument :

MSVOA_W

ClientSampleId :

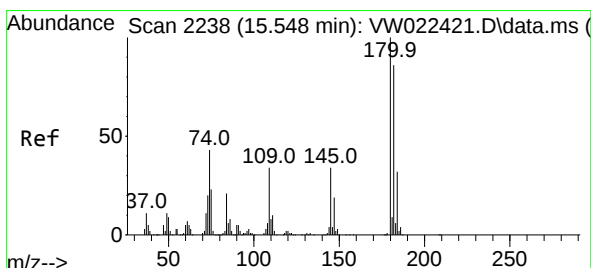
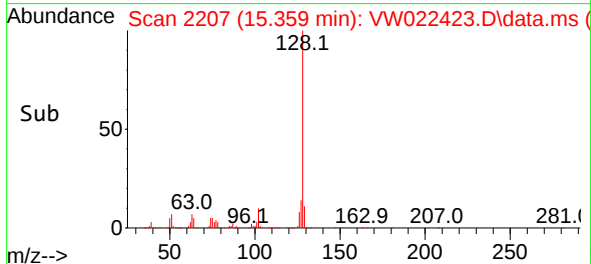
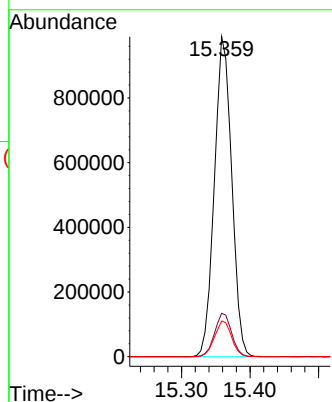
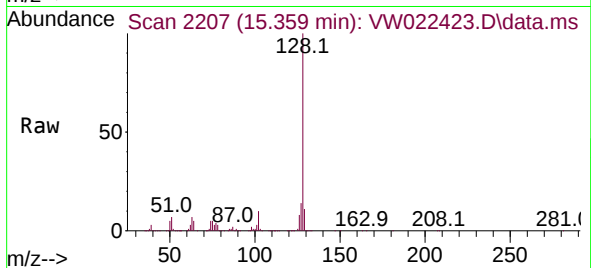
Tgt Ion:128 Resp: 1740388

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 106.354 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022423.D

Acq: 07 Apr 2022 10:21

Tgt Ion:180 Resp: 661902

Ion Ratio Lower Upper

180 100

182 95.1 73.4 110.0

145 35.4 27.0 40.6

