

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022365.D
 Acq On : 01 Apr 2022 14:08
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV467

Quant Time: Apr 02 01:54:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 02 01:46:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	334240	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	319693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	107050	19.542	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.160%		
7) Chloroethane-d5	2.891	69	61359	18.763	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.040%		
11) 1,1-Dichloroethene-d2	4.025	63	173002	21.286	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.160%		
21) 2-Butanone-d5	7.074	46	56407	42.142	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.280%		
24) Chloroform-d	7.647	84	198346	21.283	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.120%		
26) 1,2-Dichloroethane-d4	8.305	65	117790	21.375	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.480%		
32) Benzene-d6	8.275	84	387632	22.080	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.320%		
36) 1,2-Dichloropropane-d6	9.274	67	116509	22.106	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.440%		
41) Toluene-d8	10.323	98	370631	22.191	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.760%		
43) trans-1,3-Dichloroprop...	10.573	79	58699	22.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.600%		
47) 2-Hexanone-d5	10.920	63	45177	41.845	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.680%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95817	21.550	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.200%		
66) 1,2-Dichlorobenzene-d4	13.853	152	118819	21.030	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36838	20.942	ug/L	99
3) Chloromethane	2.221	50	77016	18.953	ug/L	96
5) Vinyl chloride	2.367	62	134866	20.315	ug/L	99
6) Bromomethane	2.782	94	68630	20.074	ug/L	91
8) Chloroethane	2.922	64	54328	19.677	ug/L	93
9) Trichlorofluoromethane	3.263	101	44759	22.769	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	92449	20.577	ug/L	94
12) 1,1-Dichloroethene	4.044	96	88219	20.950	ug/L	70
13) Acetone	4.123	43	34541	37.685	ug/L	87
14) Carbon disulfide	4.391	76	288387	21.708	ug/L	97
15) Methyl Acetate	4.672	43	46779	19.565	ug/L #	89
16) Methylene chloride	4.921	84	96649	19.311	ug/L	80
17) trans-1,2-Dichloroethene	5.427	96	100859	20.222	ug/L	85
18) Methyl tert-butyl Ether	5.427	73	180421	20.755	ug/L #	94
19) 1,1-Dichloroethane	6.214	63	192546	21.023	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	109447	20.605	ug/L	79
22) 2-Butanone	7.171	43	58665	40.577	ug/L	89
23) Bromochloromethane	7.512	128	49824	21.384	ug/L #	68
25) Chloroform	7.677	83	197533	21.129	ug/L	97

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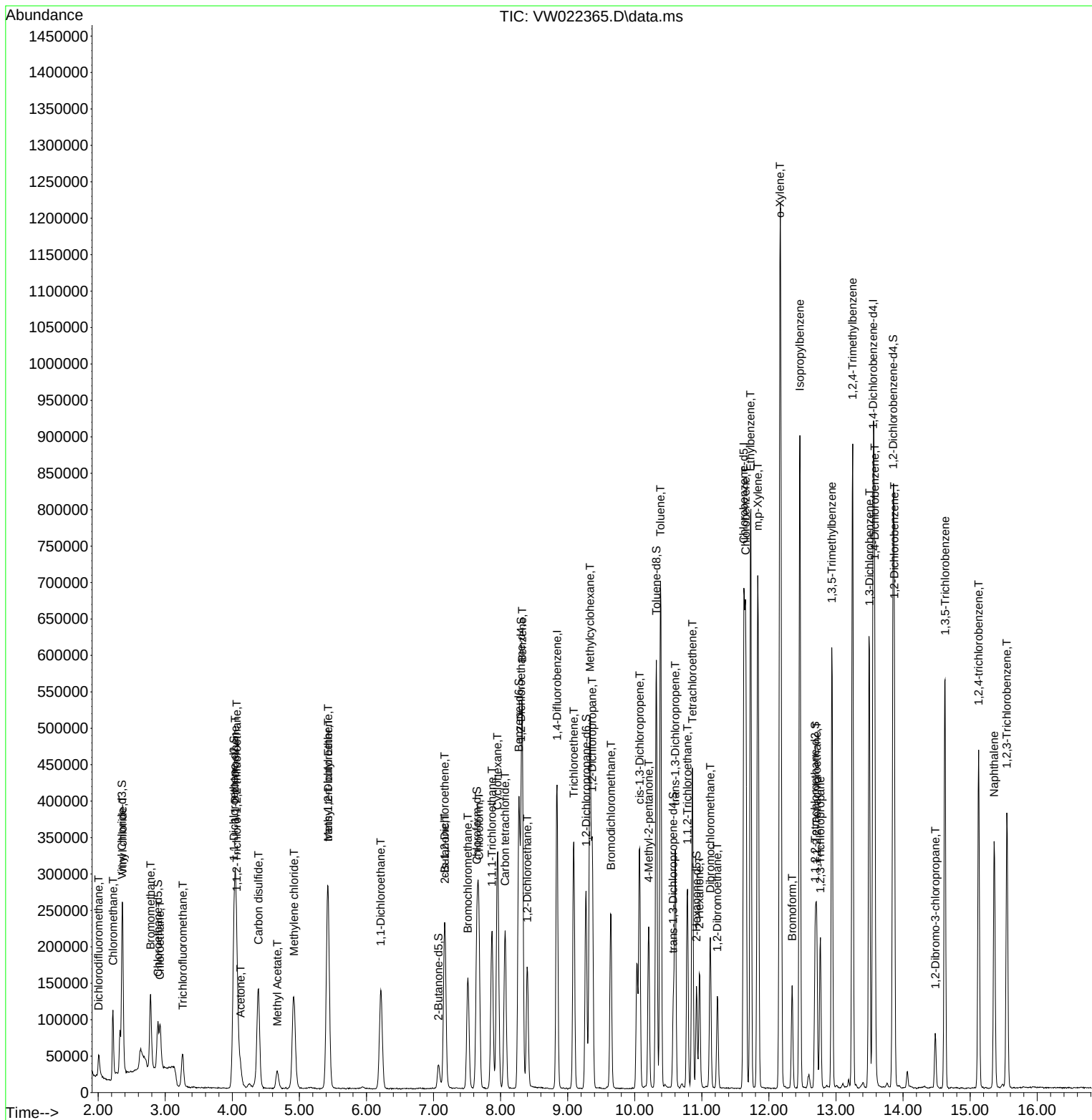
Instrument :
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 ClientSampleId :
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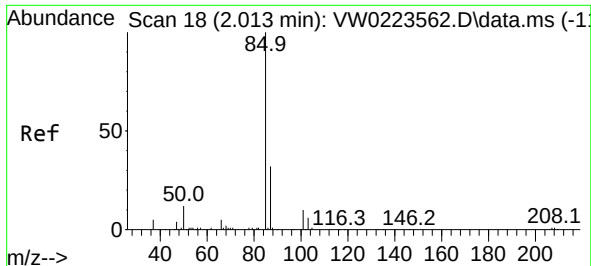
Quant Time: Apr 02 01:54:30 2022
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 Quant Title : SFAM01.0
 QLast Update : Sat Apr 02 01:46:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	147864	21.064	ug/L #	94
29) Cyclohexane	7.951	56	181493	20.853	ug/L	89
30) 1,1,1-Trichloroethane	7.872	97	166968	21.185	ug/L	94
31) Carbon tetrachloride	8.067	117	152204	21.440	ug/L	97
33) Benzene	8.323	78	445965	21.732	ug/L	100
34) Trichloroethene	9.091	95	114587	21.497	ug/L	91
35) Methylcyclohexane	9.335	83	199968	21.309	ug/L	89
37) 1,2-Dichloropropane	9.366	63	111693	21.963	ug/L	98
38) Bromodichloromethane	9.646	83	150352	21.198	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	175301	21.082	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	147118	41.140	ug/L #	91
42) Toluene	10.384	91	495215	21.696	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	163794	21.269	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	80461	21.155	ug/L	95
46) Tetrachloroethene	10.859	164	79864	20.894	ug/L	86
48) 2-Hexanone	10.963	43	102909	40.763	ug/L #	94
49) Dibromochloromethane	11.128	129	98212	20.858	ug/L	92
50) 1,2-Dibromoethane	11.231	107	79817	20.664	ug/L	97
51) Chlorobenzene	11.652	112	295980	20.973	ug/L #	90
52) Ethylbenzene	11.725	91	554769	21.914	ug/L	92
53) m,p-Xylene	11.835	106	213618	22.107	ug/L	93
54) o-Xylene	12.164	106	198281	21.183	ug/L	81
57) 1,1,2,2-Tetrachloroethane	12.713	83	101394	20.818	ug/L #	99
59) Bromoform	12.347	173	54531	20.911	ug/L	97
60) Isopropylbenzene	12.463	105	562153	21.384	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	75174	19.764	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	310929	21.213	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	465326	21.152	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	228133	21.896	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	229987	21.035	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	208940	21.797	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18100	18.465	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	147320	20.876	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	122849	21.233	ug/L	98
71) Naphthalene	15.359	128	279066	20.806	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	110241	21.754	ug/L	97

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

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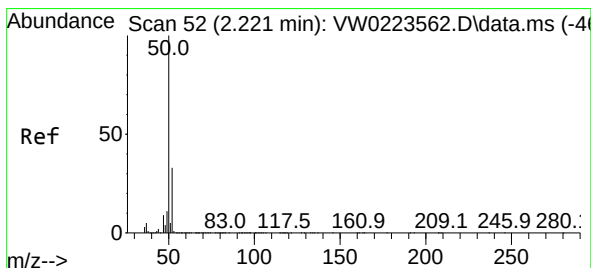
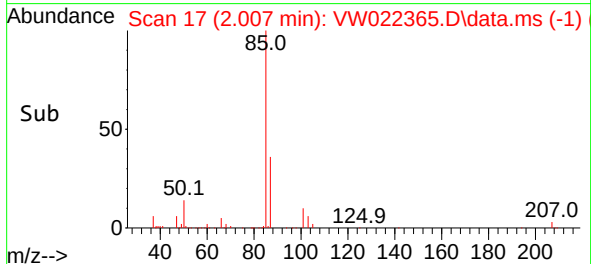
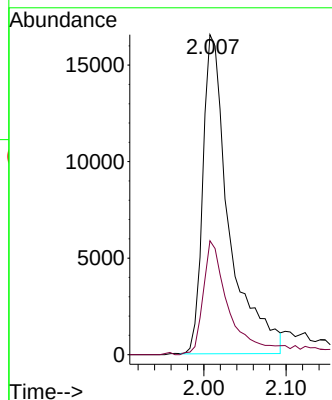
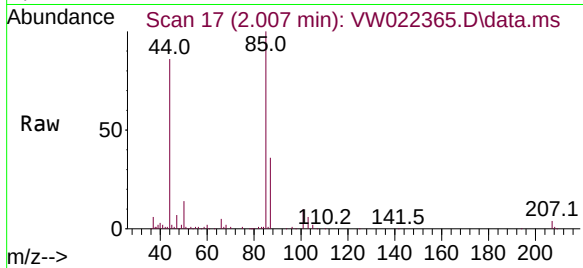




#2
 Dichlorodifluoromethane
 Concen: 20.942 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

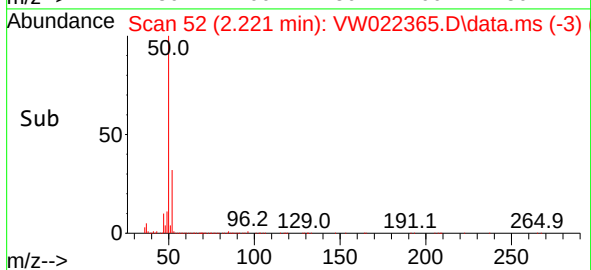
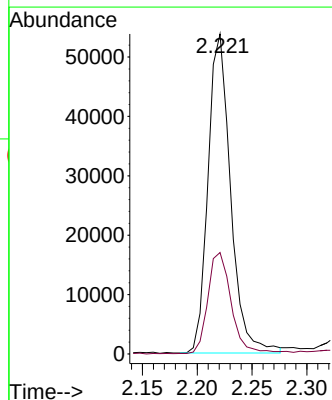
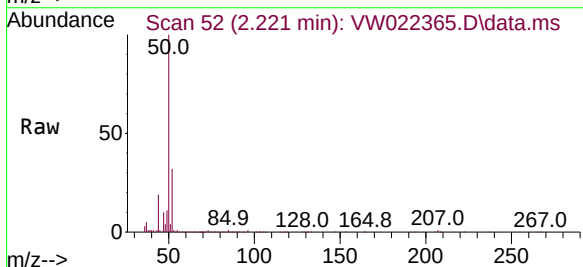
Instrument :
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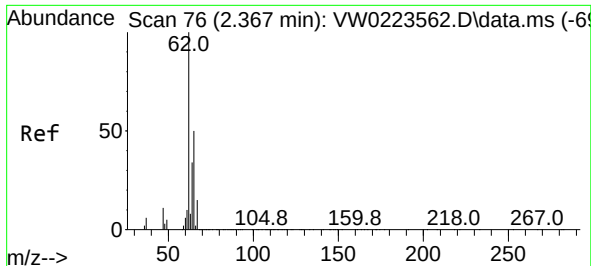
Tgt Ion: 85 Resp: 36838
 Ion Ratio Lower Upper
 85 100
 87 34.1 27.6 41.4



#3
 Chloromethane
 Concen: 18.953 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

Tgt Ion: 50 Resp: 77016
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.9 44.5

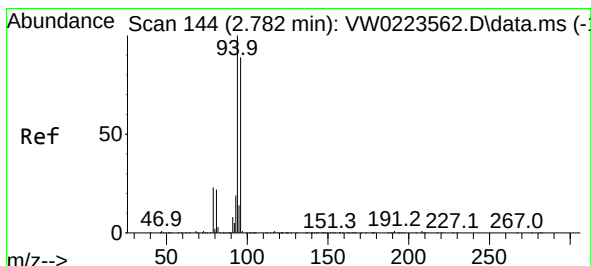
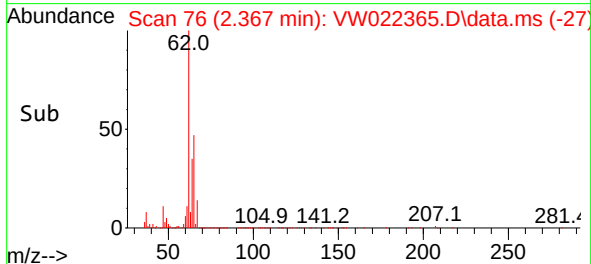
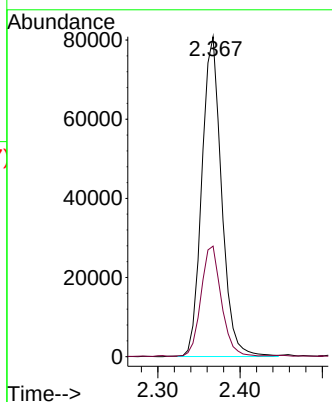
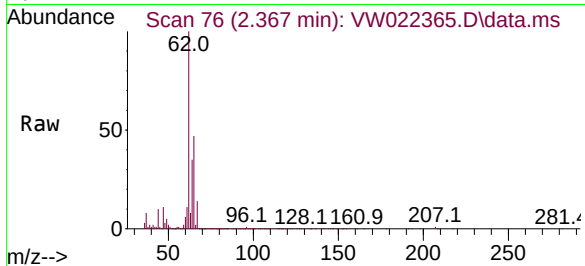




#5
 Vinyl chloride
 Concen: 20.315 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

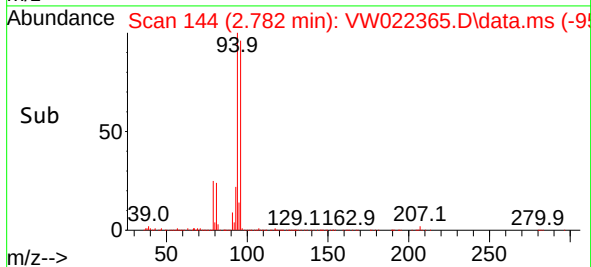
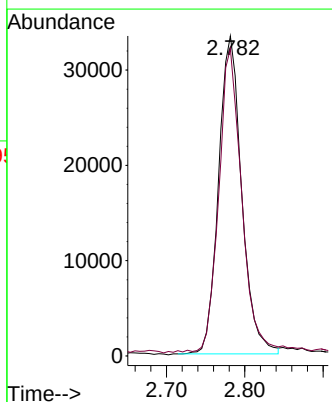
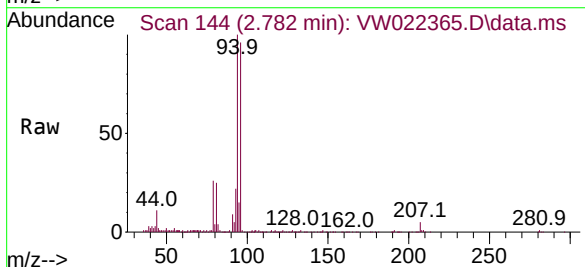
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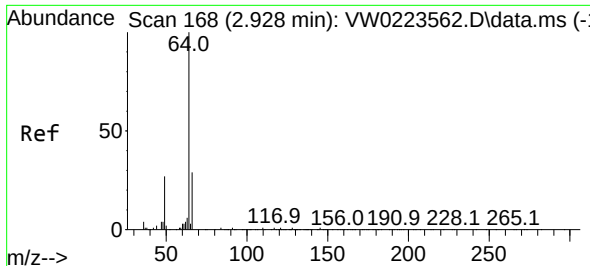
Tgt Ion: 62 Resp: 134866
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.7 45.9



#6
 Bromomethane
 Concen: 20.074 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

Tgt Ion: 94 Resp: 68630
 Ion Ratio Lower Upper
 94 100
 96 96.1 61.2 113.8

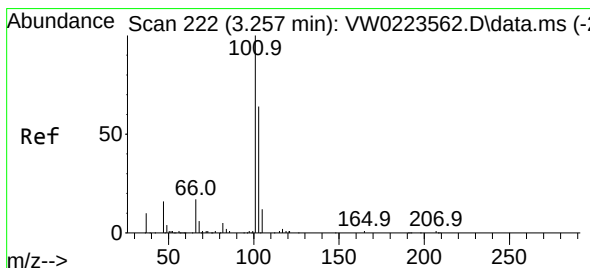
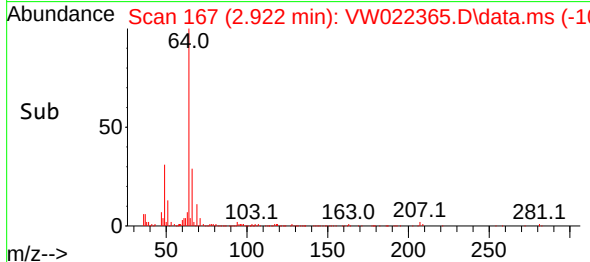
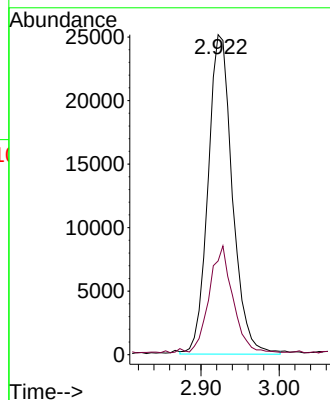
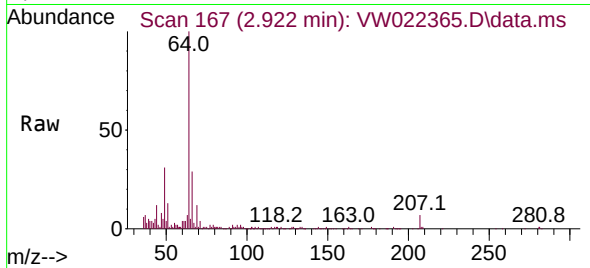




#8
Chloroethane
Concen: 19.677 ug/L
RT: 2.922 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

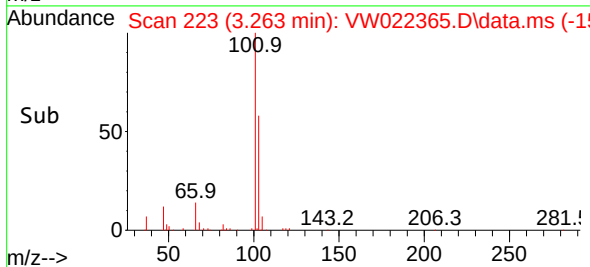
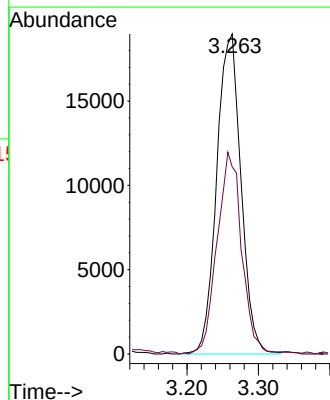
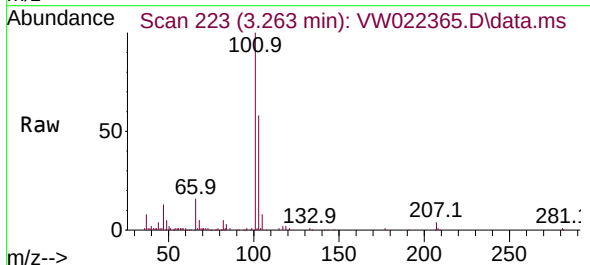
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ClientSampleId :
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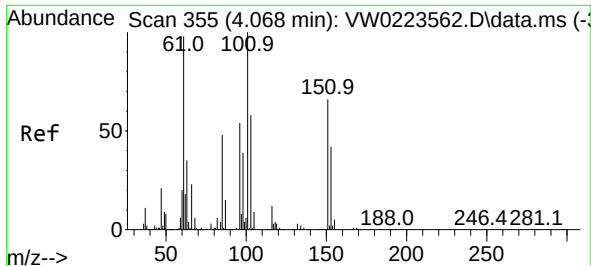
Tgt Ion: 64 Resp: 54328
Ion Ratio Lower Upper
64 100
66 29.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.769 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 101 Resp: 44759
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8

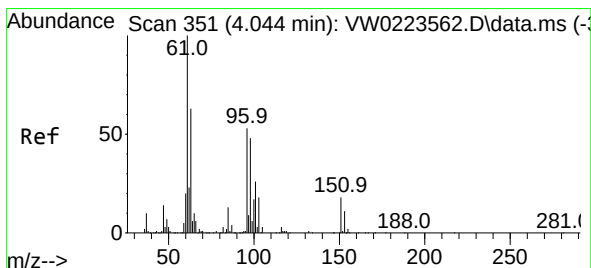
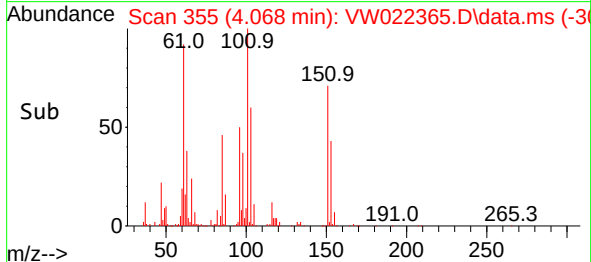
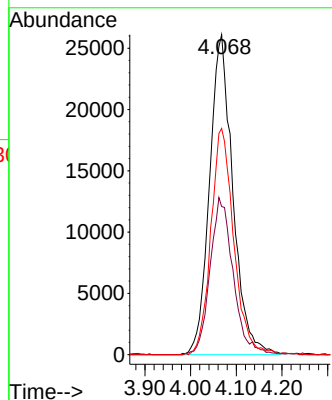
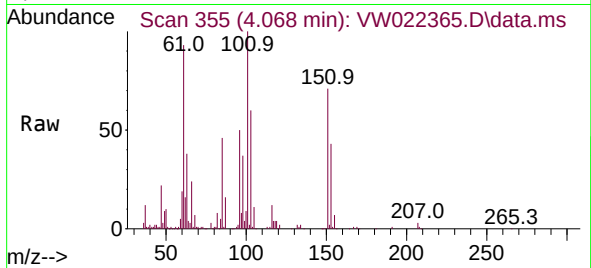




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.577 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

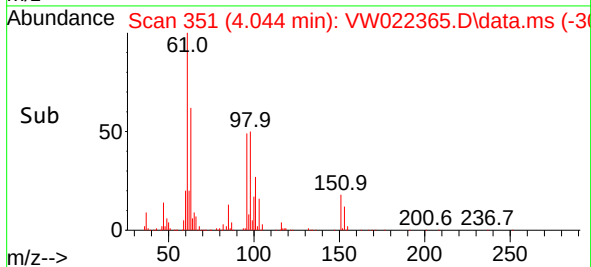
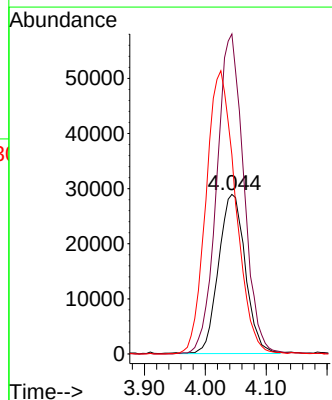
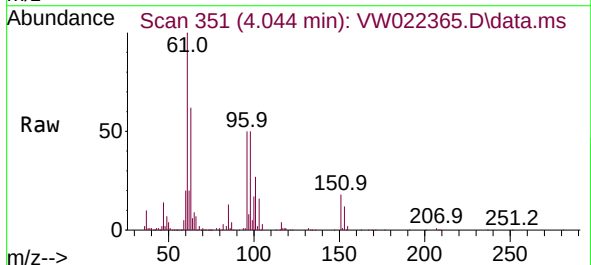
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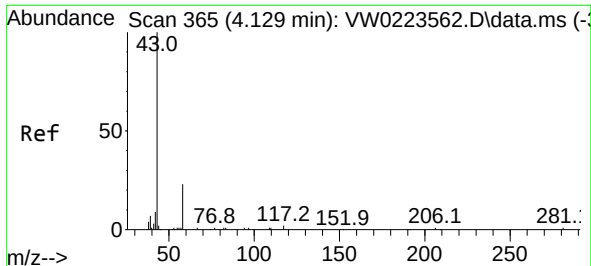
Tgt Ion:101 Resp: 92449
 Ion Ratio Lower Upper
 101 100
 85 47.0 34.4 51.6
 151 68.4 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 20.950 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

Tgt Ion: 96 Resp: 88219
 Ion Ratio Lower Upper
 96 100
 61 200.7 108.4 201.2
 63 124.9 72.0 133.6





#13

Acetone

Concen: 37.685 ug/L

RT: 4.123 min Scan# 365

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

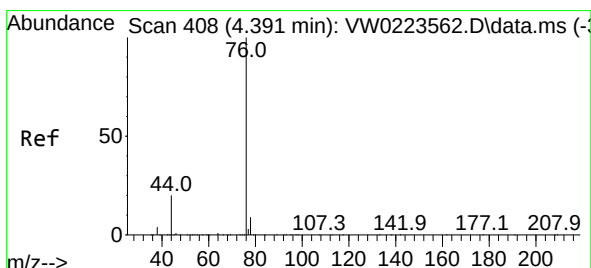
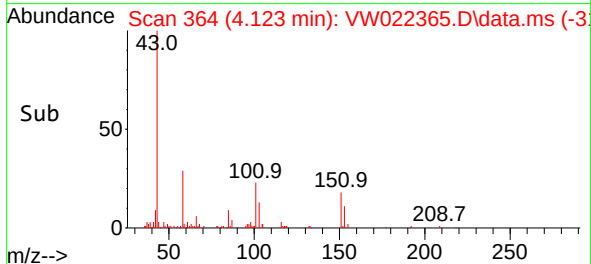
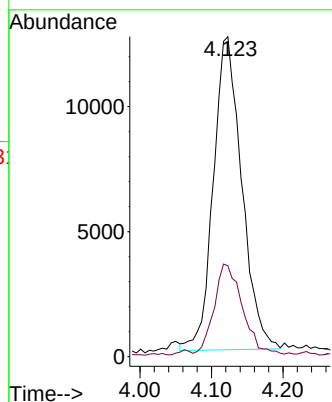
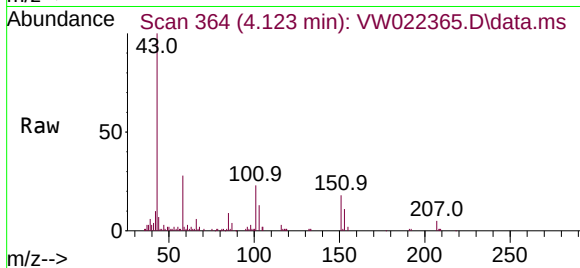
VICV467

Tgt Ion: 43 Resp: 34541

Ion Ratio Lower Upper

43 100

58 27.2 0.0 69.2



#14

Carbon disulfide

Concen: 21.708 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW022365.D

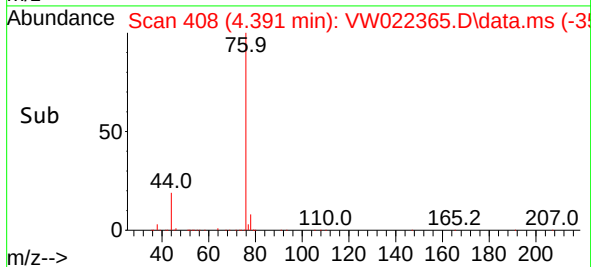
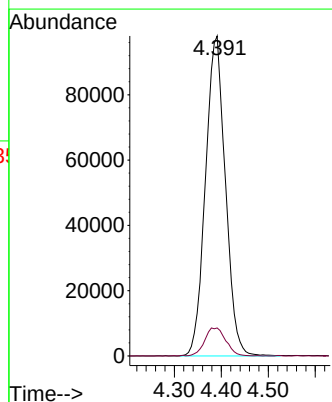
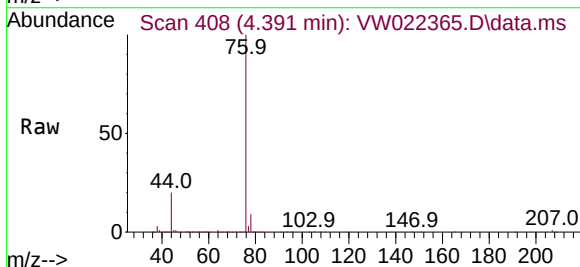
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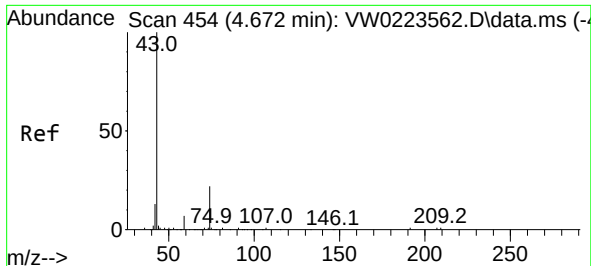
Tgt Ion: 76 Resp: 288387

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8

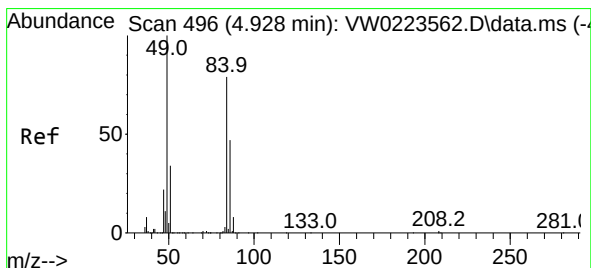
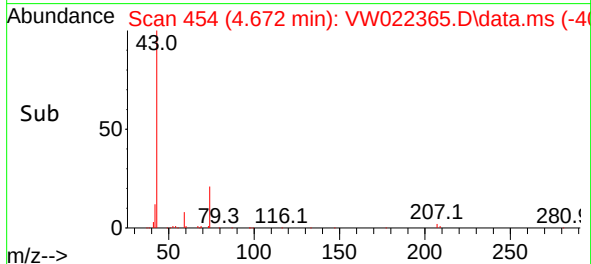
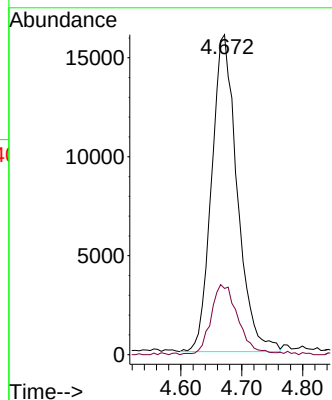
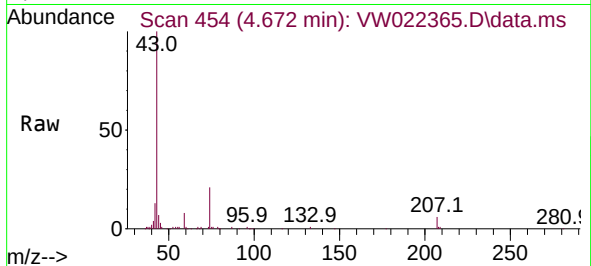




#15
Methyl Acetate
Concen: 19.565 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

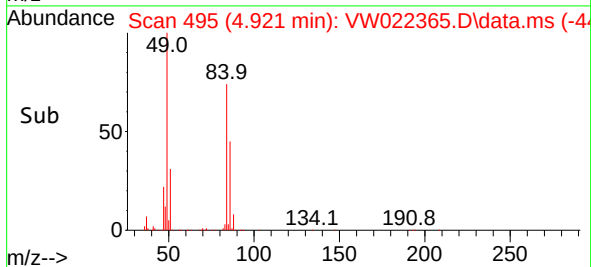
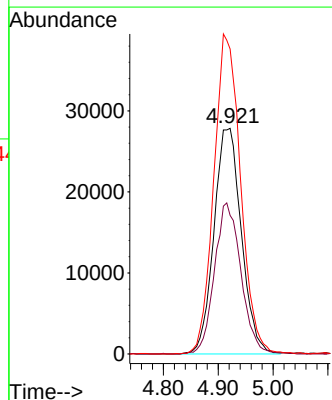
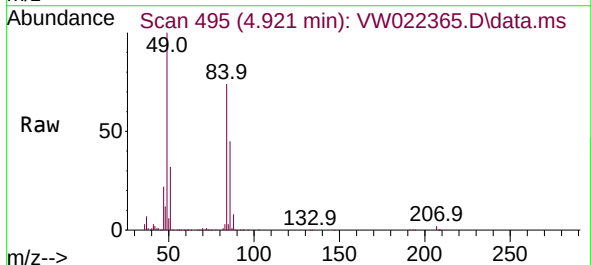
Instrument :
MSVOA_W
ClientSampleId :
VICV467

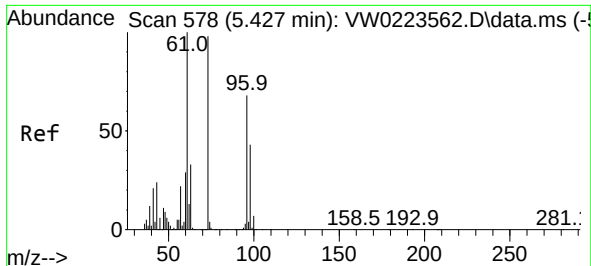
Tgt Ion: 43 Resp: 46779
Ion Ratio Lower Upper
43 100
74 22.9 23.0 34.6#



#16
Methylene chloride
Concen: 19.311 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 84 Resp: 96649
Ion Ratio Lower Upper
84 100
86 61.4 45.8 85.0
49 135.2 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 20.222 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

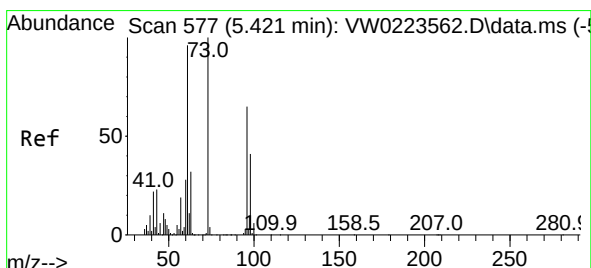
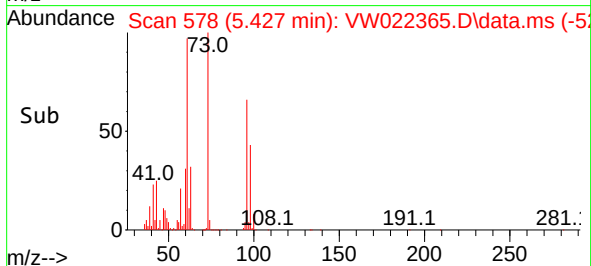
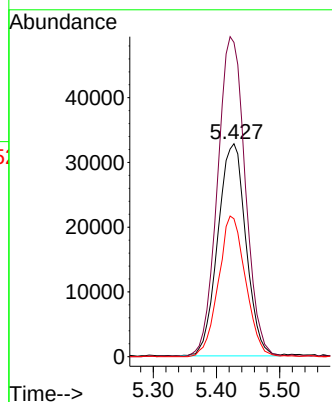
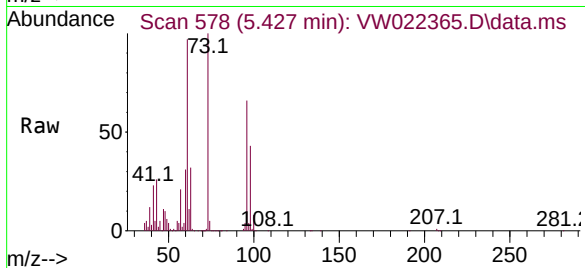
Tgt Ion: 96 Resp: 100859

Ion Ratio Lower Upper

96 100

61 147.5 87.3 162.1

98 64.8 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 20.755 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

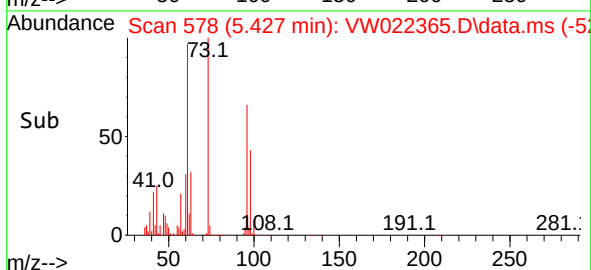
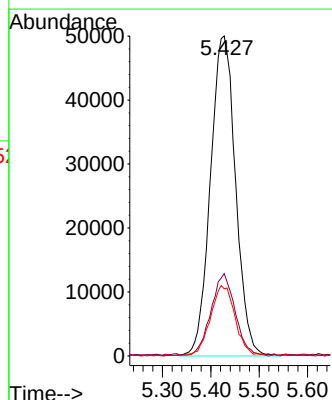
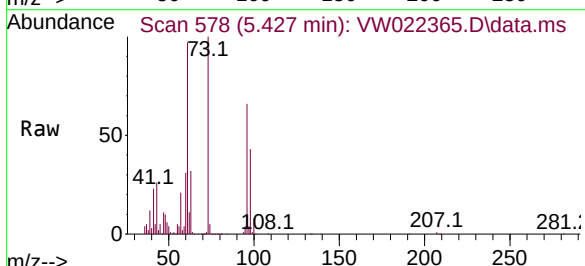
Tgt Ion: 73 Resp: 180421

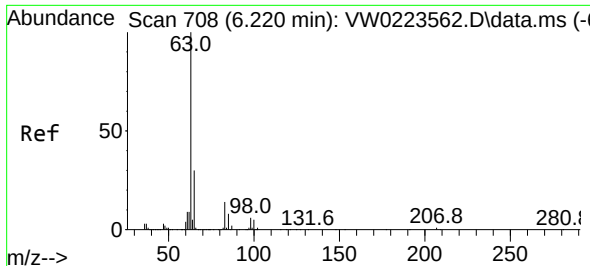
Ion Ratio Lower Upper

73 100

43 24.1 15.4 23.2#

57 21.1 16.5 24.7





#19

1,1-Dichloroethane

Concen: 21.023 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

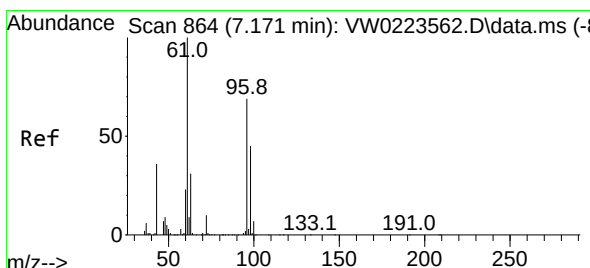
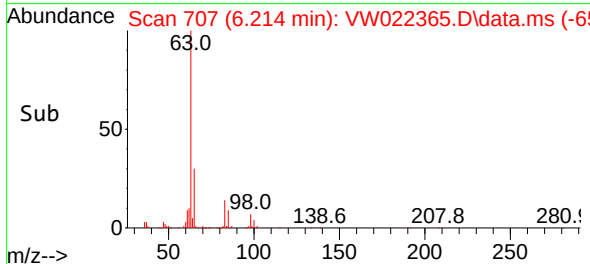
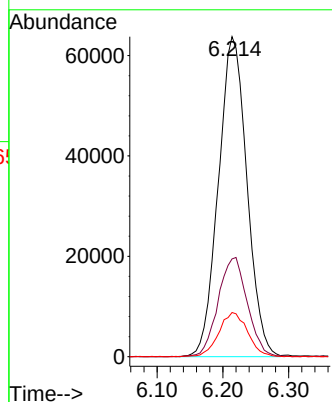
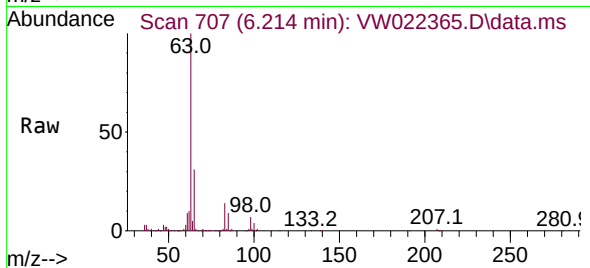
Tgt Ion: 63 Resp: 192546

Ion Ratio Lower Upper

63 100

65 30.5 22.5 41.9

83 13.8 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 20.605 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

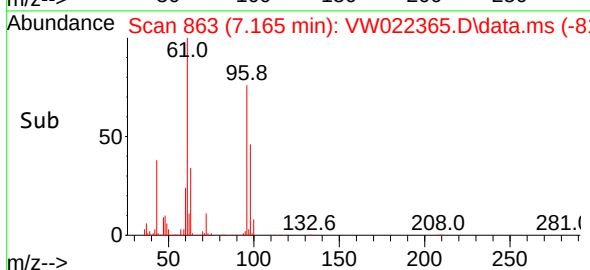
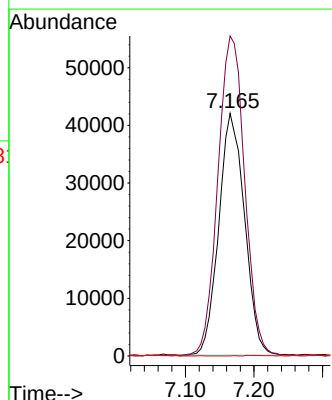
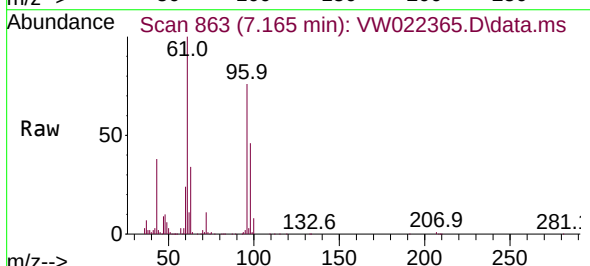
Tgt Ion: 96 Resp: 109447

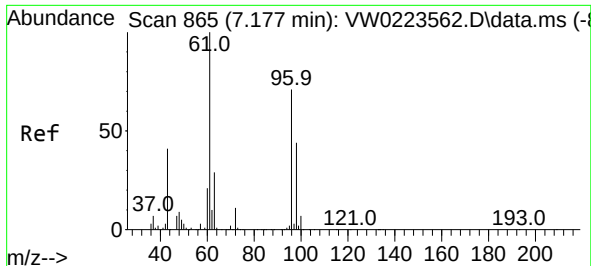
Ion Ratio Lower Upper

96 100

61 131.9 76.8 142.6

68 0.0 0.0 0.0

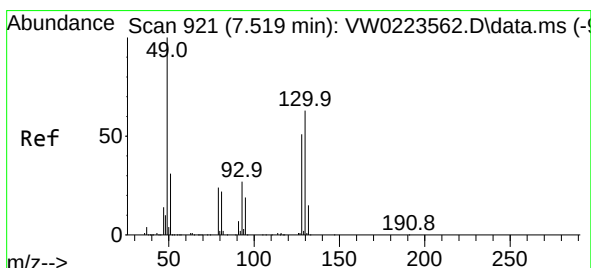
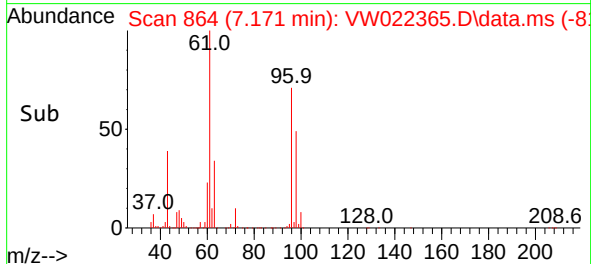
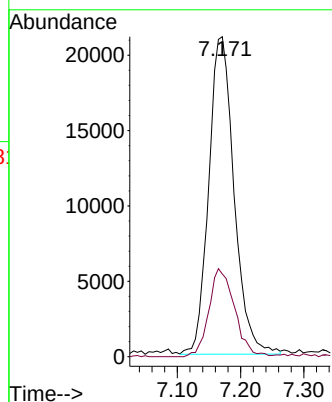
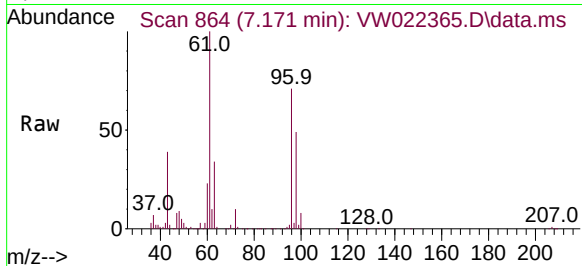




#22
2-Butanone
Concen: 40.577 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

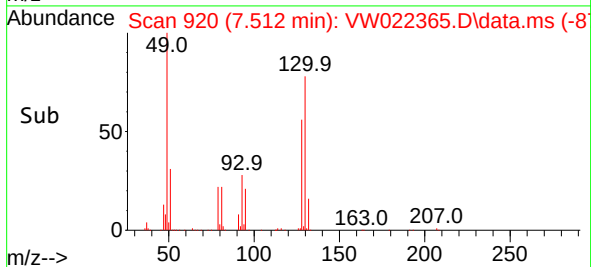
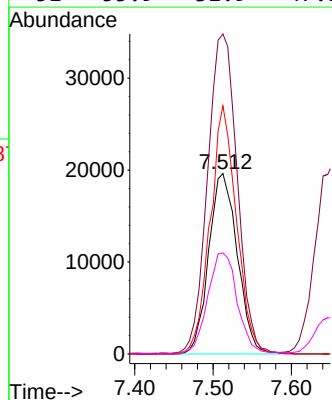
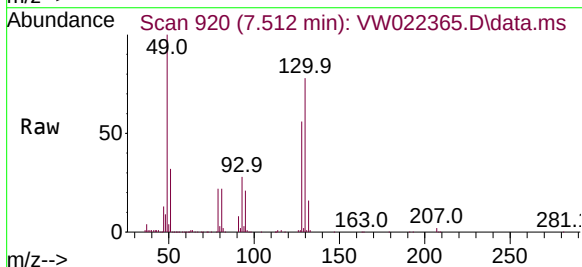
Instrument :
MSVOA_W
ClientSampleId :
VICV467

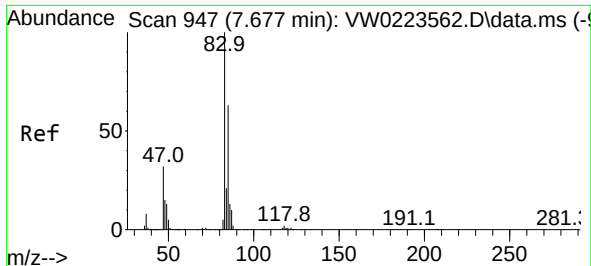
Tgt Ion: 43 Resp: 58665
Ion Ratio Lower Upper
43 100
72 27.7 17.0 51.0



#23
Bromochloromethane
Concen: 21.384 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 128 Resp: 49824
Ion Ratio Lower Upper
128 100
49 177.4 84.2 156.4#
130 137.6 84.8 157.4
51 55.9 31.9 47.9#

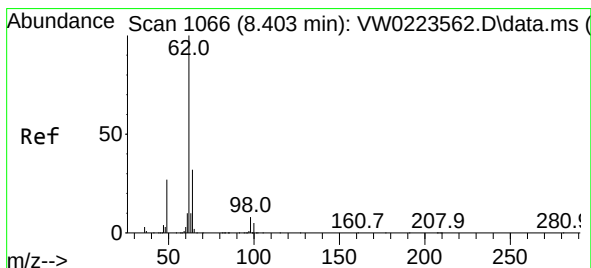
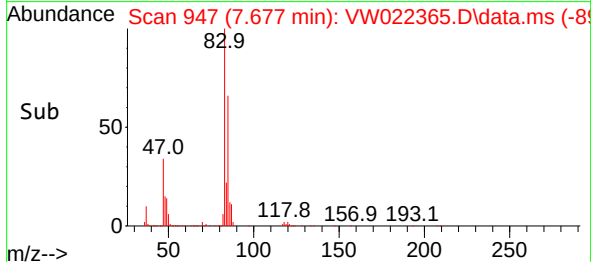
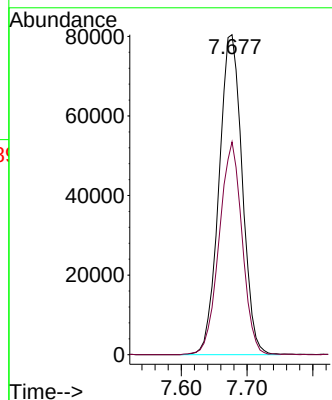
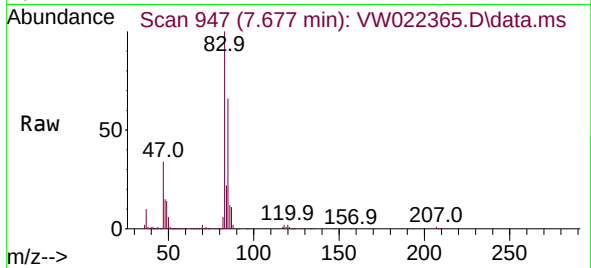




#25
Chloroform
Concen: 21.129 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

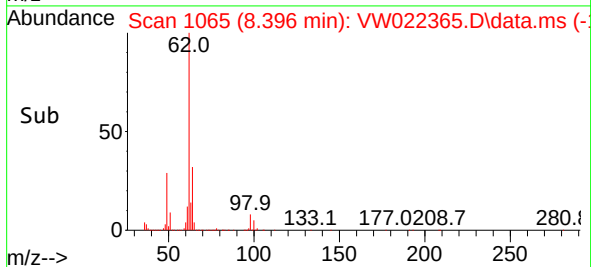
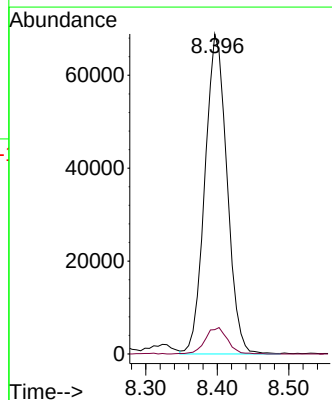
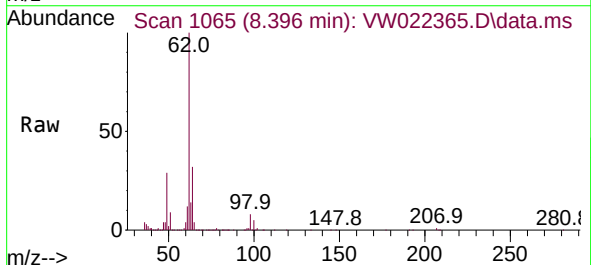
Instrument :
MSVOA_W
ClientSampleId :
VICV467

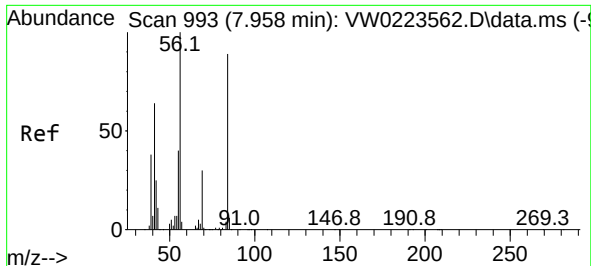
Tgt Ion: 83 Resp: 197533
Ion Ratio Lower Upper
83 100
85 66.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 21.064 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 62 Resp: 147864
Ion Ratio Lower Upper
62 100
98 7.6 7.9 11.9#





#29

Cyclohexane

Concen: 20.853 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

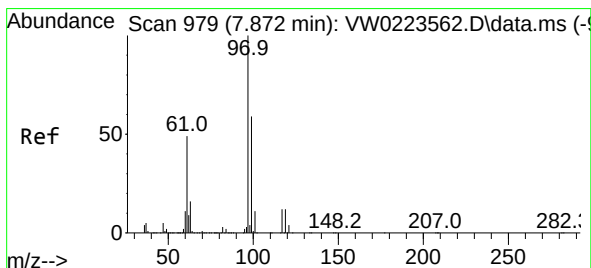
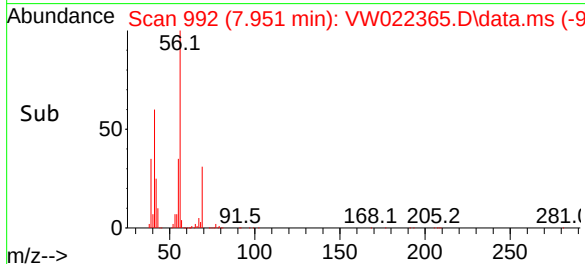
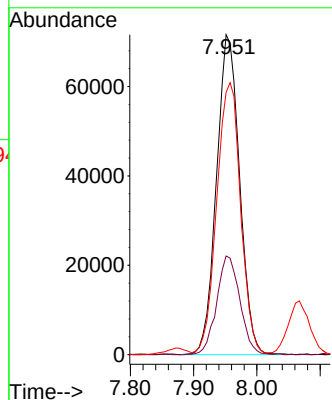
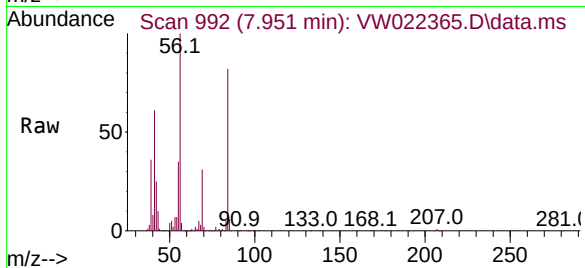
Tgt Ion: 56 Resp: 181493

Ion Ratio Lower Upper

56 100

69 31.0 26.3 39.5

84 87.8 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 21.185 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

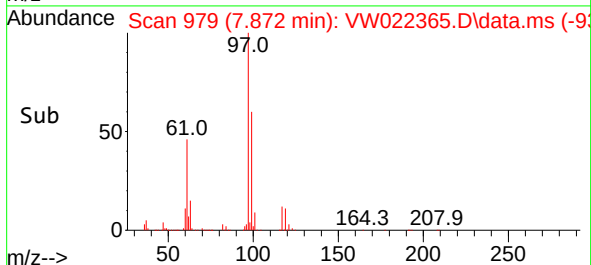
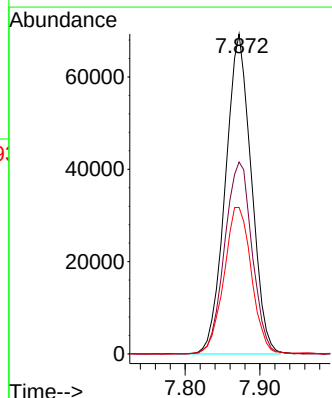
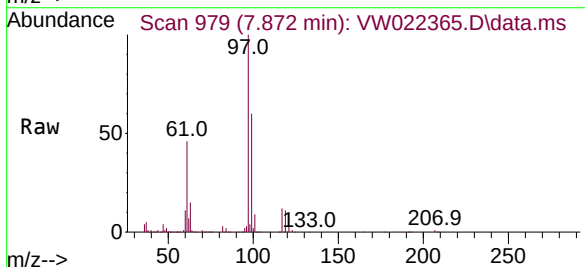
Tgt Ion: 97 Resp: 166968

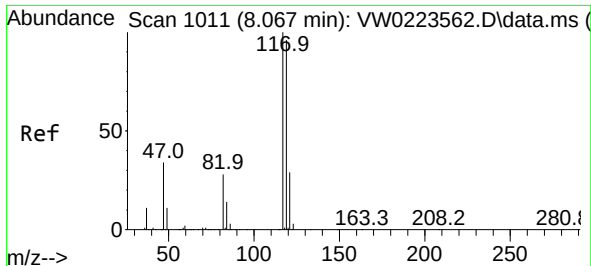
Ion Ratio Lower Upper

97 100

99 63.8 52.6 78.8

61 48.6 33.0 49.6

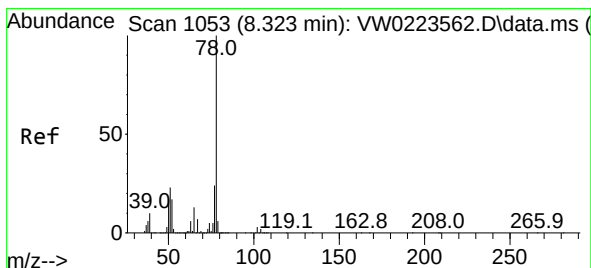
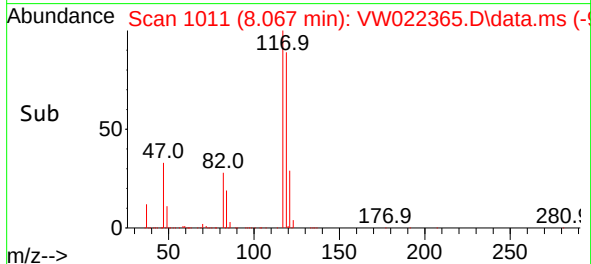
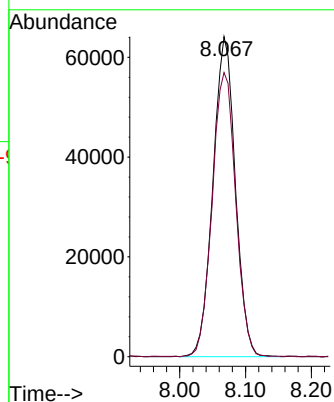
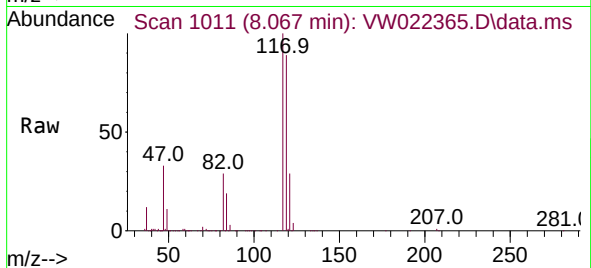




#31
Carbon tetrachloride
Concen: 21.440 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

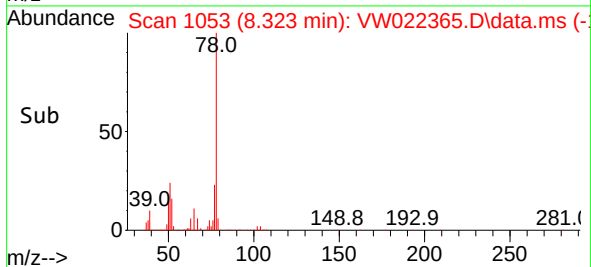
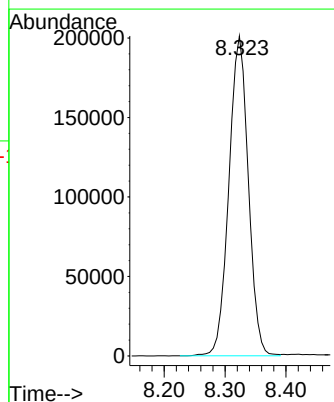
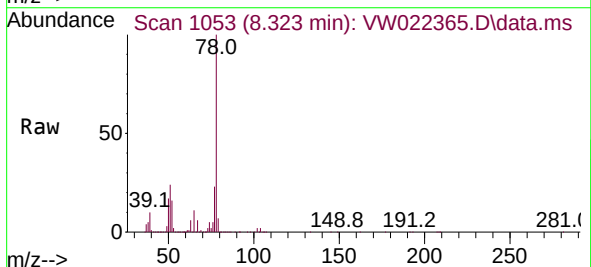
Instrument :
MSVOA_W
ClientSampleId :
VICV467

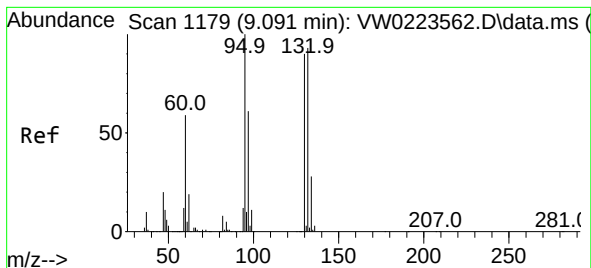
Tgt Ion:117 Resp: 152204
Ion Ratio Lower Upper
117 100
119 93.0 76.7 115.1



#33
Benzene
Concen: 21.732 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 78 Resp: 445965





#34

Trichloroethene

Concen: 21.497 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

Tgt Ion: 95 Resp: 114587

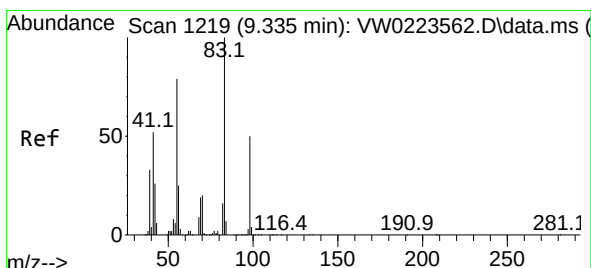
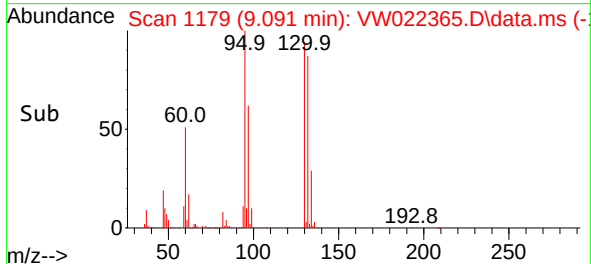
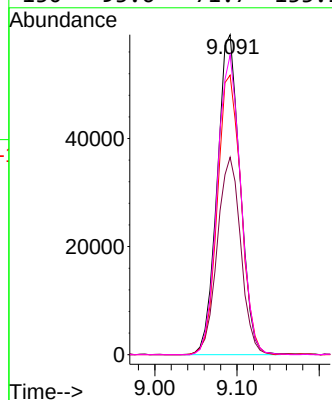
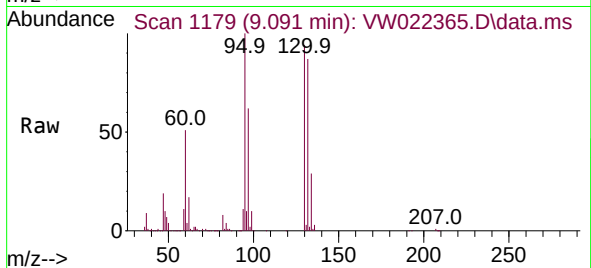
Ion Ratio Lower Upper

95 100

97 61.7 44.4 82.4

132 87.4 71.7 133.1

130 93.6 71.7 133.1



#35

Methylcyclohexane

Concen: 21.309 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

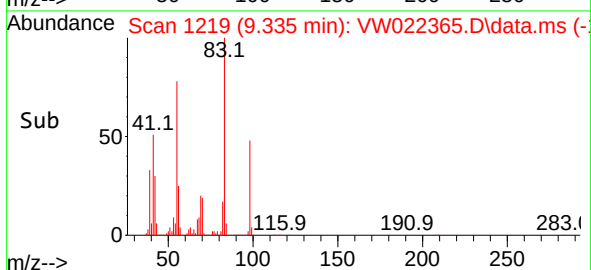
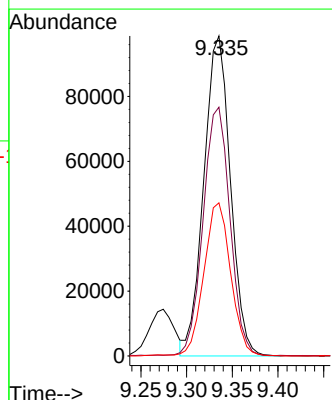
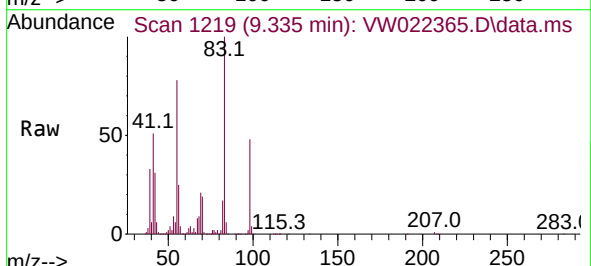
Tgt Ion: 83 Resp: 199968

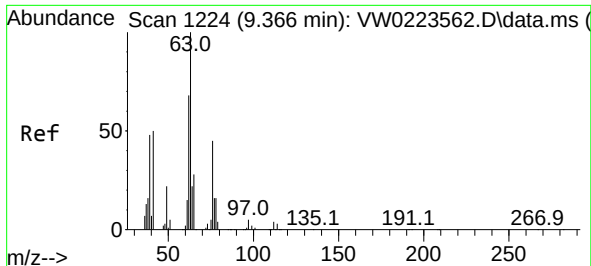
Ion Ratio Lower Upper

83 100

55 78.5 53.8 80.8

98 48.0 42.1 63.1





#37

1,2-Dichloropropane

Concen: 21.963 ug/L

RT: 9.366 min Scan# 1116

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

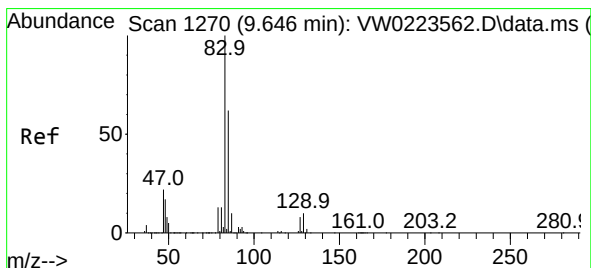
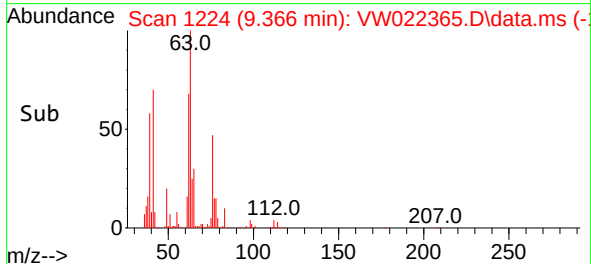
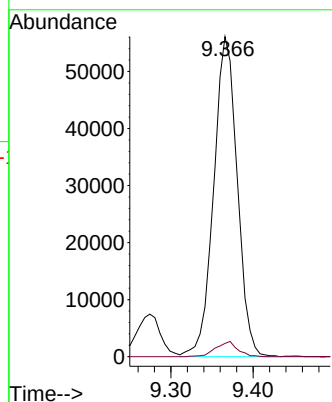
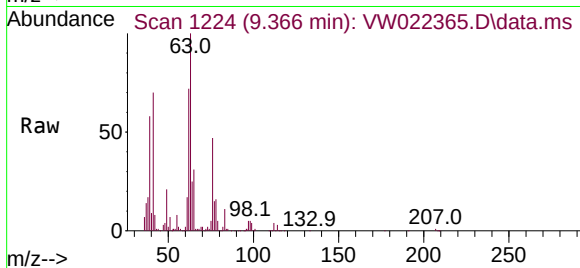
VICV467

Tgt Ion: 63 Resp: 111693

Ion Ratio Lower Upper

63 100

112 4.4 4.1 6.1



#38

Bromodichloromethane

Concen: 21.198 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

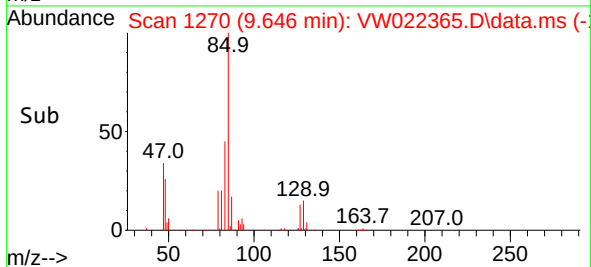
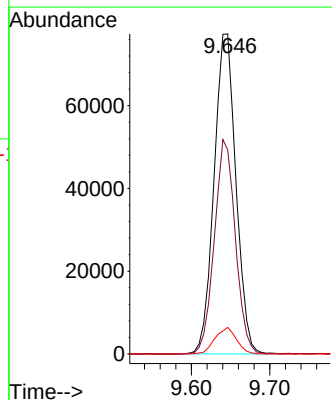
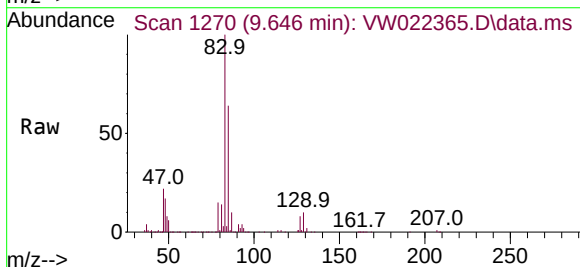
Tgt Ion: 83 Resp: 150352

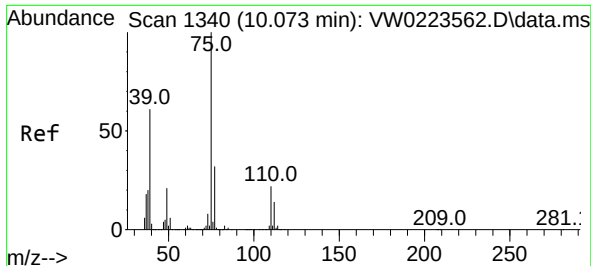
Ion Ratio Lower Upper

83 100

85 63.8 47.9 89.1

127 8.3 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 21.082 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

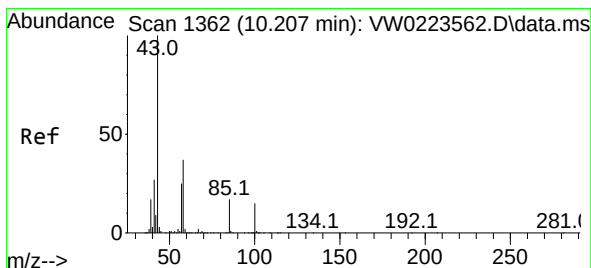
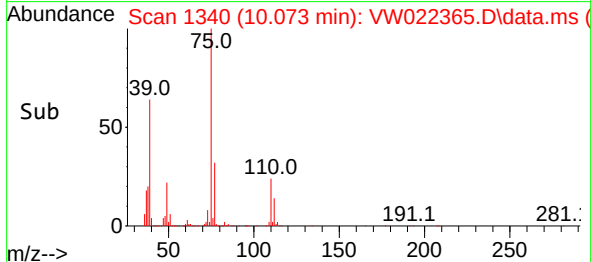
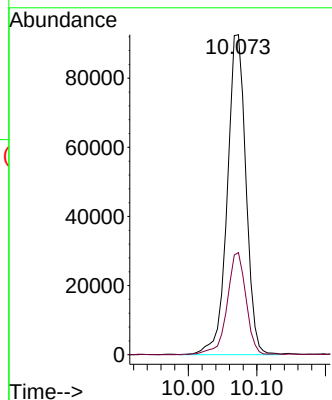
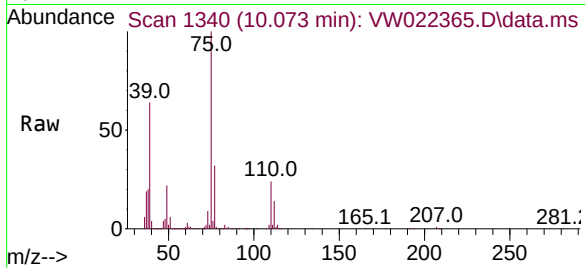
VICV467

Tgt Ion: 75 Resp: 175301

Ion Ratio Lower Upper

75 100

77 31.9 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 41.140 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

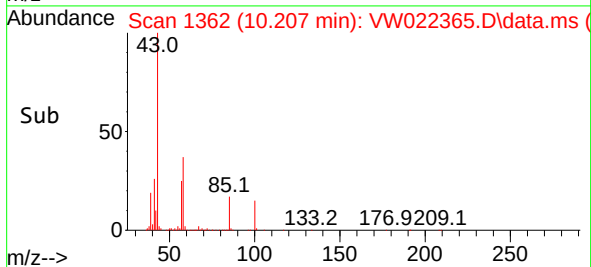
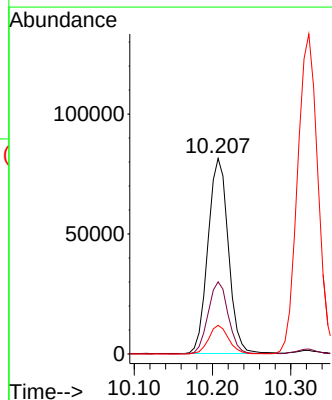
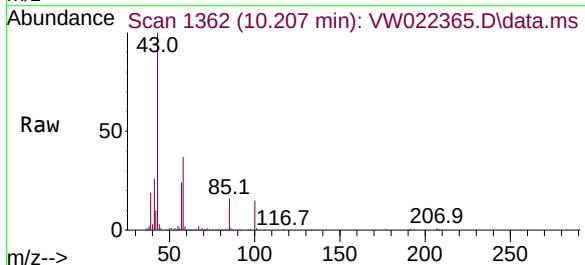
Tgt Ion: 43 Resp: 147118

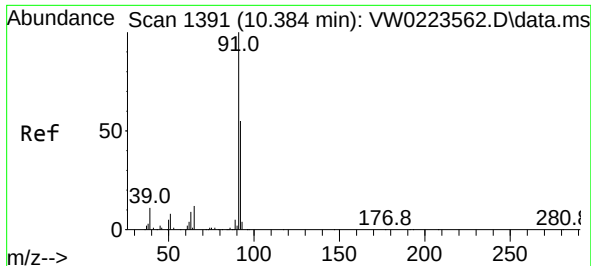
Ion Ratio Lower Upper

43 100

58 36.5 33.2 49.8

100 14.3 16.1 24.1#

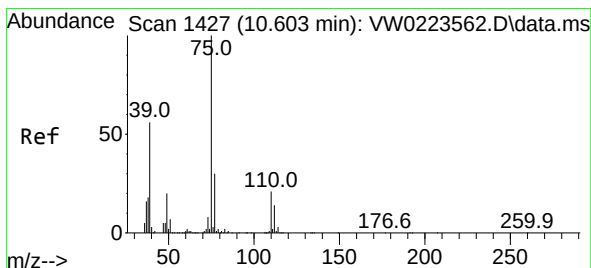
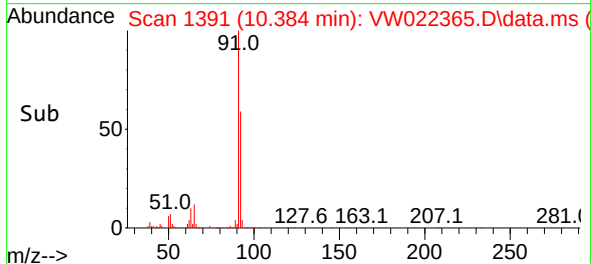
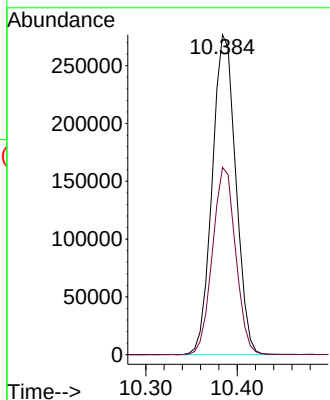
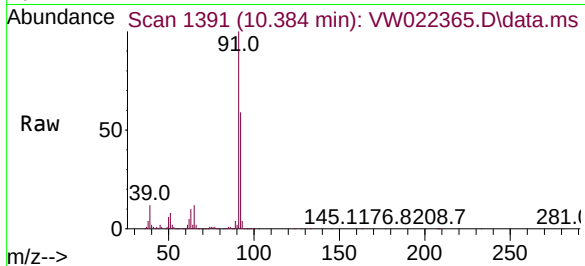




#42
Toluene
Concen: 21.696 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

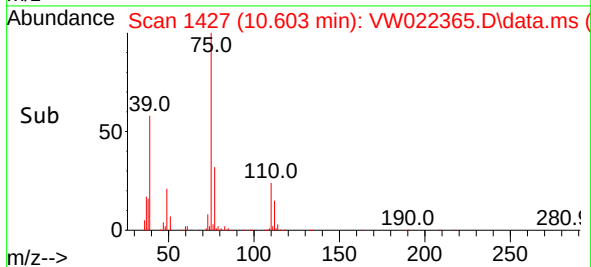
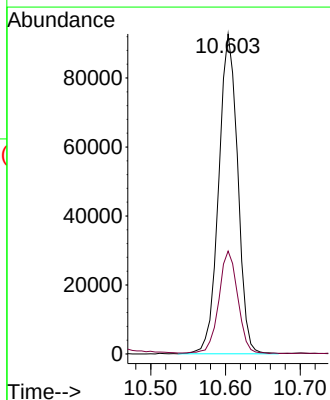
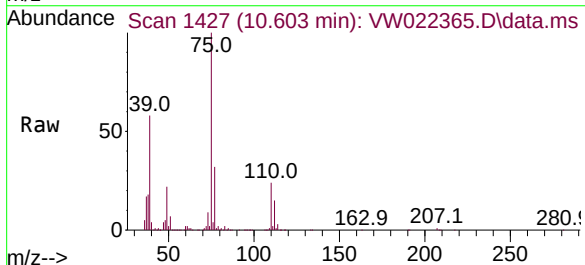
Instrument :
MSVOA_W
ClientSampleId :
VICV467

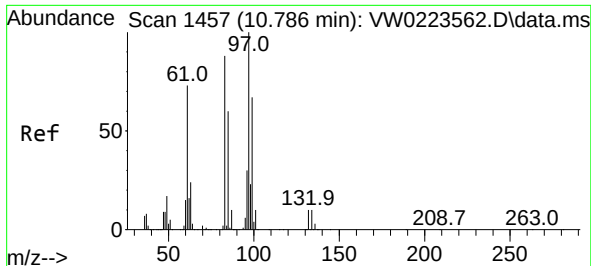
Tgt Ion: 91 Resp: 495215
Ion Ratio Lower Upper
91 100
92 58.6 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 21.269 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 75 Resp: 163794
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8

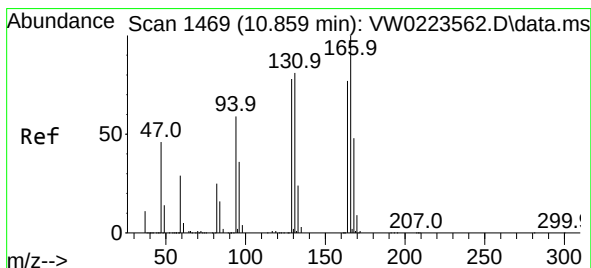
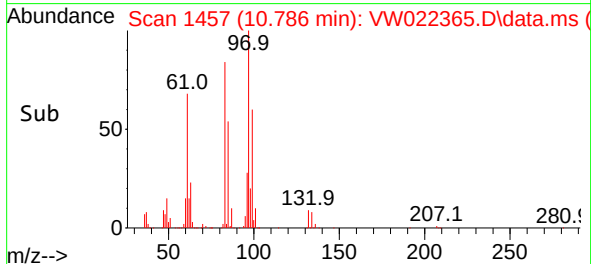
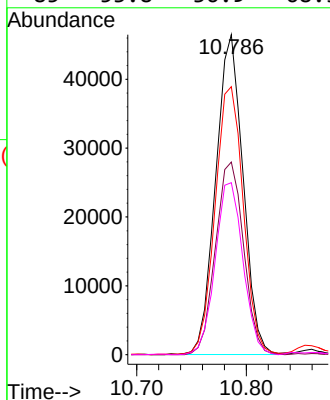
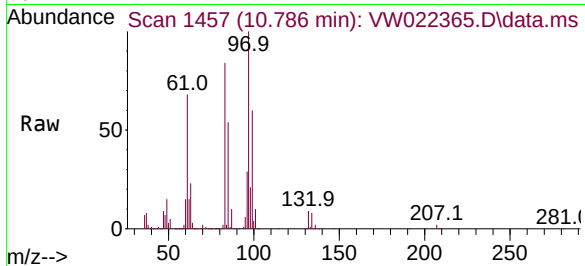




#45
1,1,2-Trichloroethane
Concen: 21.155 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

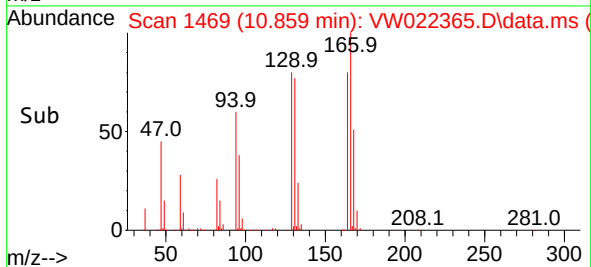
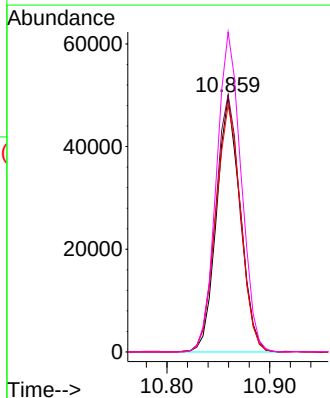
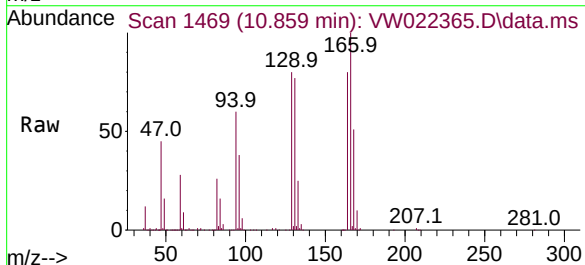
Instrument :
MSVOA_W
ClientSampleId :
VICV467

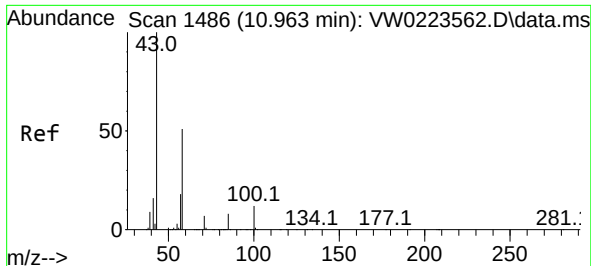
Tgt Ion: 97	Resp: 80461
Ion Ratio	Lower Upper
97 100	
99 60.2	43.5 80.7
83 83.7	53.5 99.3
85 53.8	36.9 68.5



#46
Tetrachloroethene
Concen: 20.894 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt	Ion:164	Resp:	79864
Ion	Ratio	Lower	Upper
164	100		
129	100.8	60.3	111.9
131	96.8	59.9	111.3
166	125.4	77.0	143.0

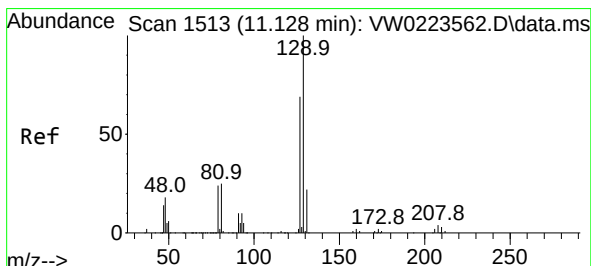
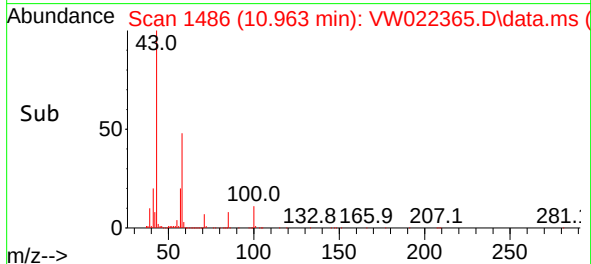
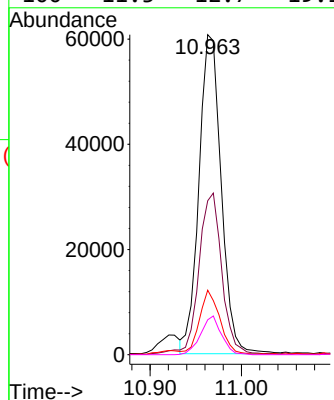
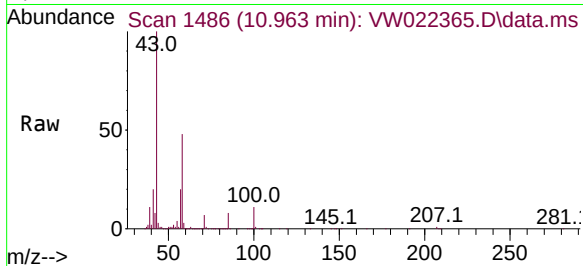




#48
2-Hexanone
Concen: 40.763 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

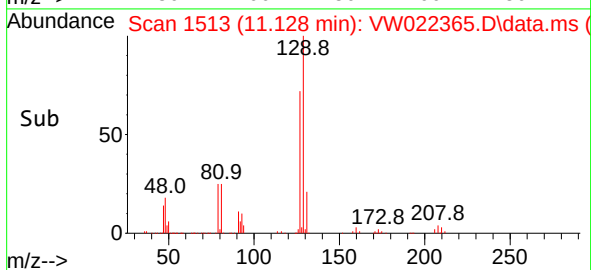
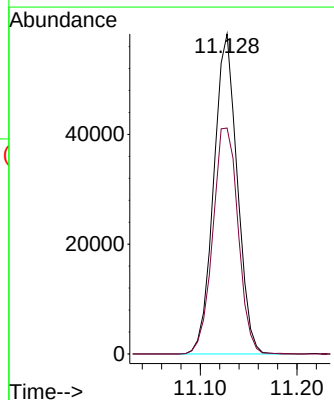
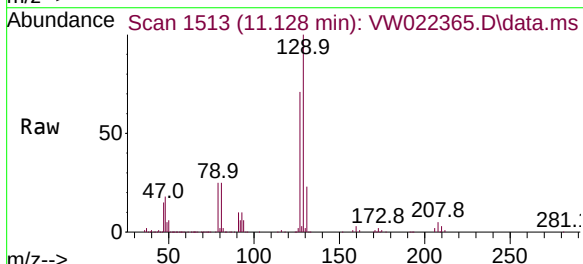
Instrument :
MSVOA_W
ClientSampleId :
VICV467

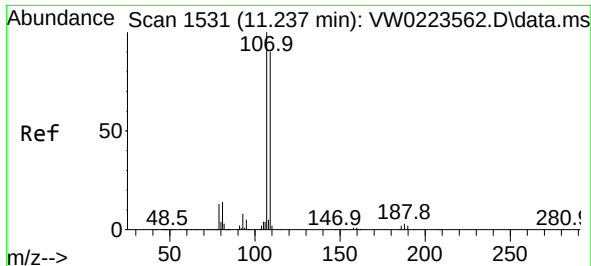
Tgt Ion: 43 Resp: 102909
Ion Ratio Lower Upper
43 100
58 51.3 44.6 66.8
57 18.6 15.8 23.8
100 11.3 12.7 19.1#



#49
Dibromochloromethane
Concen: 20.858 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 129 Resp: 98212
Ion Ratio Lower Upper
129 100
127 70.6 54.5 101.1





#50

1,2-Dibromoethane

Concen: 20.664 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

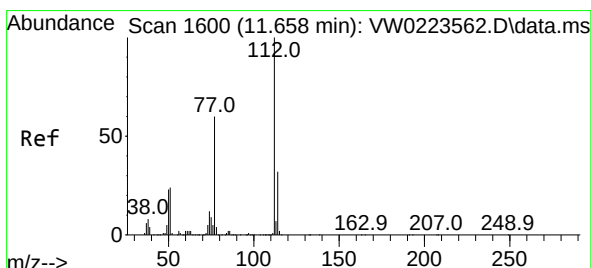
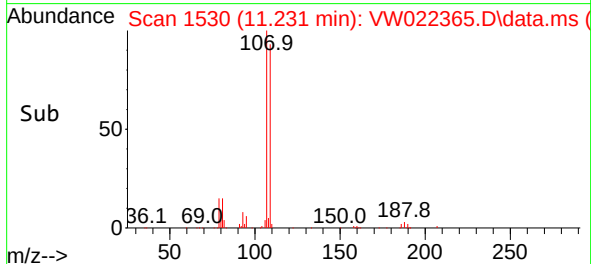
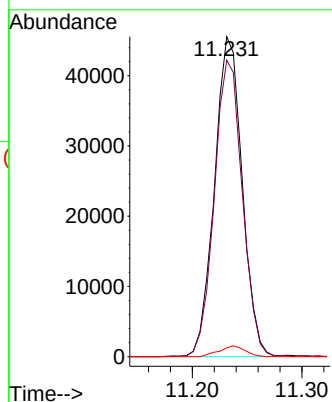
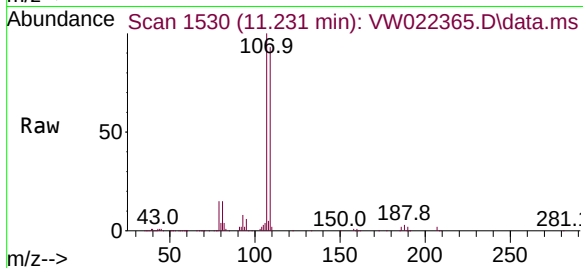
Tgt Ion:107 Resp: 79817

Ion Ratio Lower Upper

107 100

109 92.6 66.8 124.2

188 2.8 2.6 4.0



#51

Chlorobenzene

Concen: 20.973 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

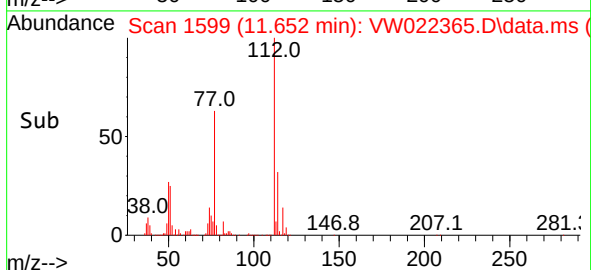
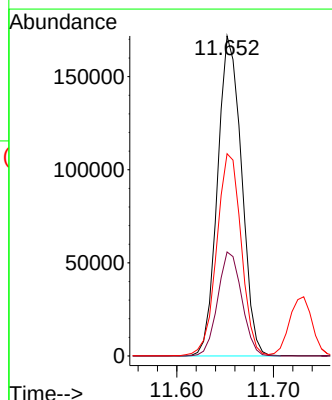
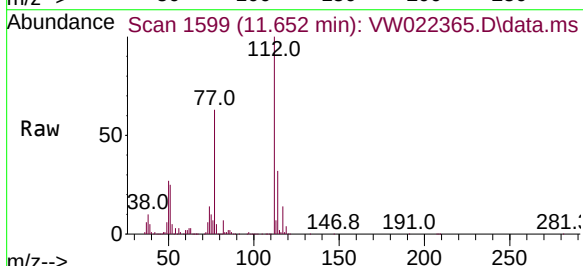
Tgt Ion:112 Resp: 295980

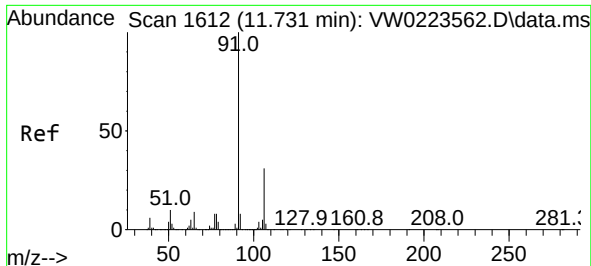
Ion Ratio Lower Upper

112 100

114 32.5 23.0 42.8

77 63.2 41.8 62.6#

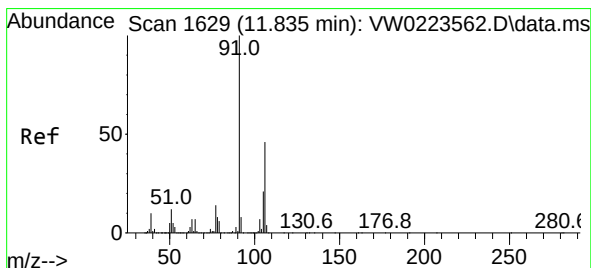
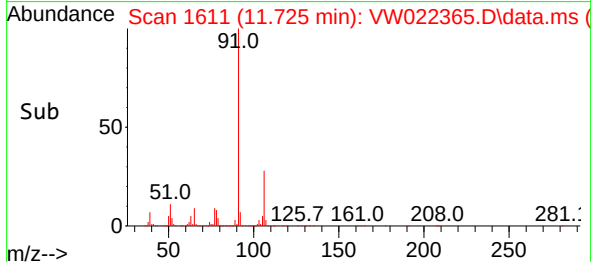
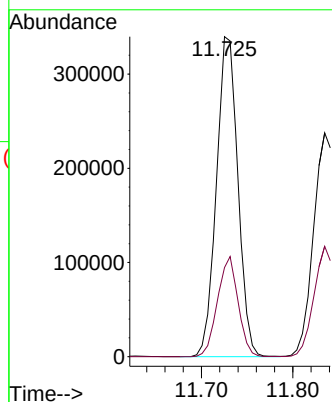
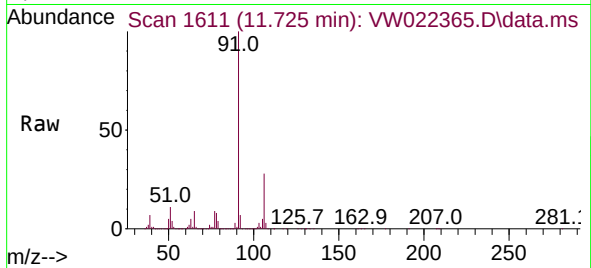




#52
Ethylbenzene
Concen: 21.914 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

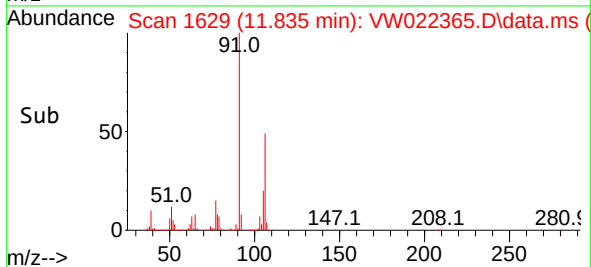
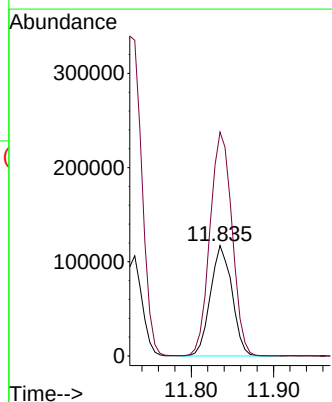
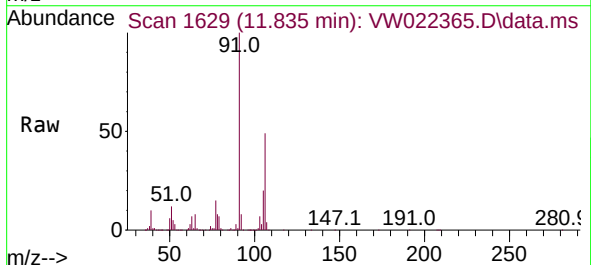
Instrument :
MSVOA_W
ClientSampleId :
VICV467

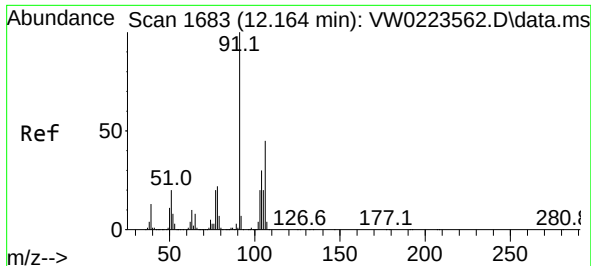
Tgt Ion: 91 Resp: 554769
Ion Ratio Lower Upper
91 100
106 27.8 22.8 42.4



#53
m,p-Xylene
Concen: 22.107 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 106 Resp: 213618
Ion Ratio Lower Upper
106 100
91 202.6 135.0 250.8

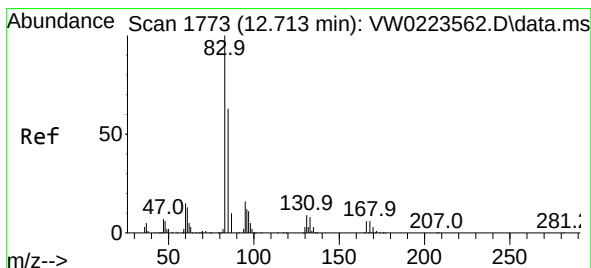
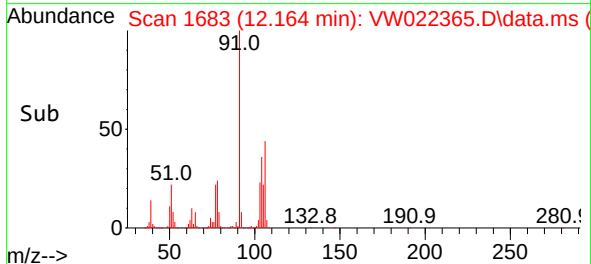
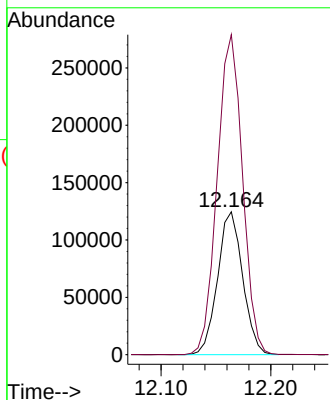
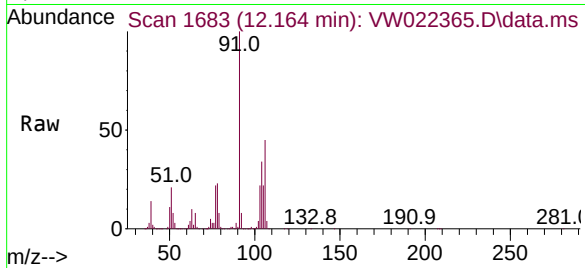




#54
o-Xylene
Concen: 21.183 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

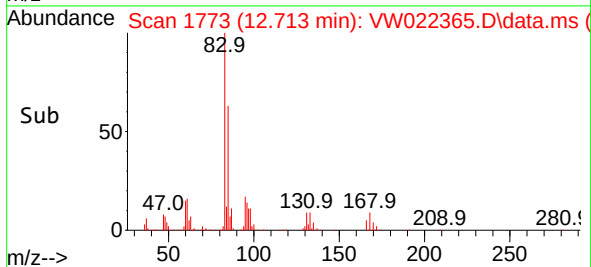
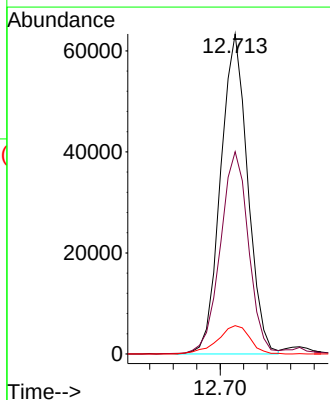
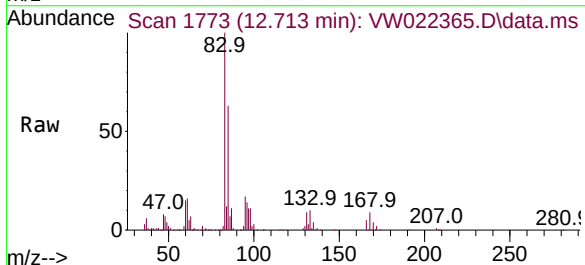
Instrument :
MSVOA_W
ClientSampleId :
VICV467

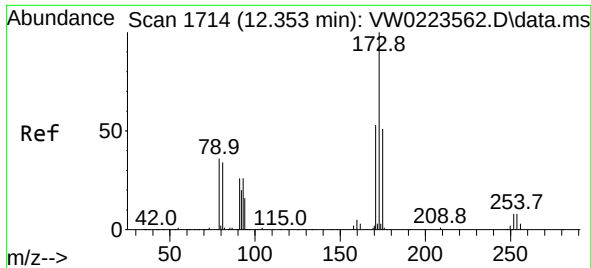
Tgt Ion:106 Resp: 198281
Ion Ratio Lower Upper
106 100
91 224.0 136.9 254.3



#57
1,1,2,2-Tetrachloroethane
Concen: 20.818 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022365.D
Acq: 01 Apr 2022 14:08

Tgt Ion: 83 Resp: 101394
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.0
131 8.9 9.4 14.0#





#59

Bromoform

Concen: 20.911 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

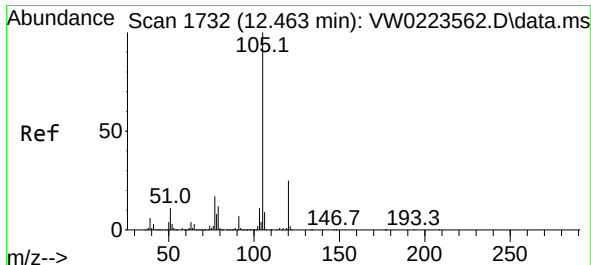
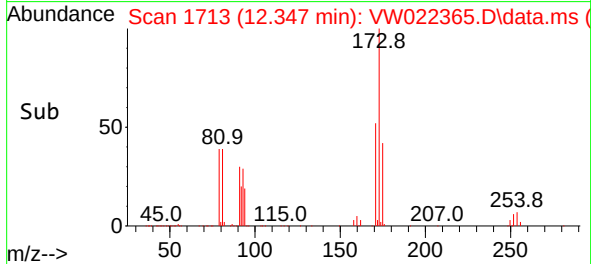
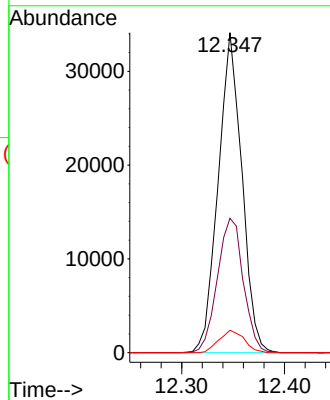
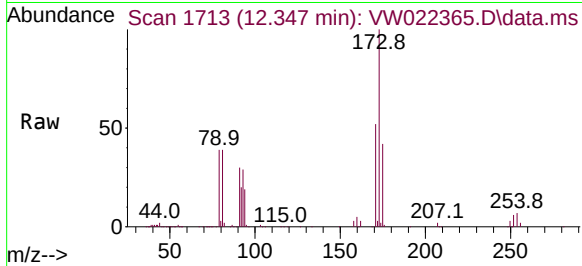
Tgt Ion:173 Resp: 54531

Ion Ratio Lower Upper

173 100

175 46.0 38.2 57.4

254 7.5 5.0 7.6



#60

Isopropylbenzene

Concen: 21.384 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

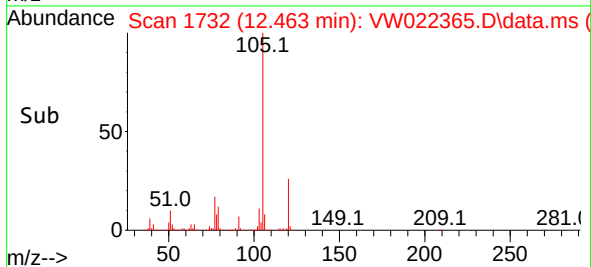
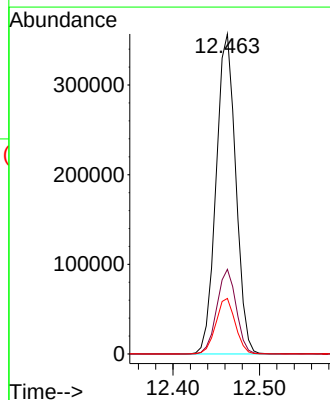
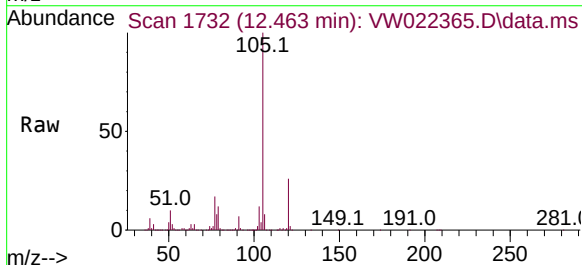
Tgt Ion:105 Resp: 562153

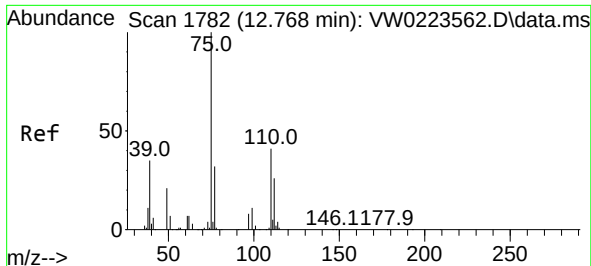
Ion Ratio Lower Upper

105 100

120 26.0 22.1 33.1

77 17.2 12.0 18.0





#61

1,2,3-Trichloropropane

Concen: 19.764 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

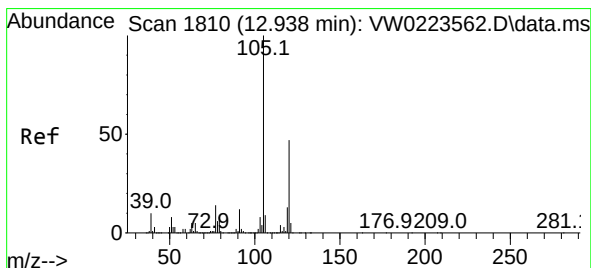
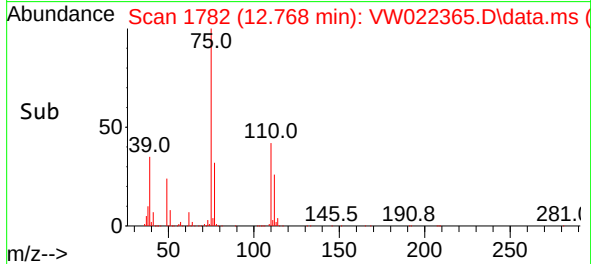
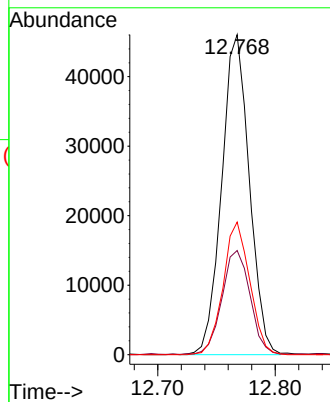
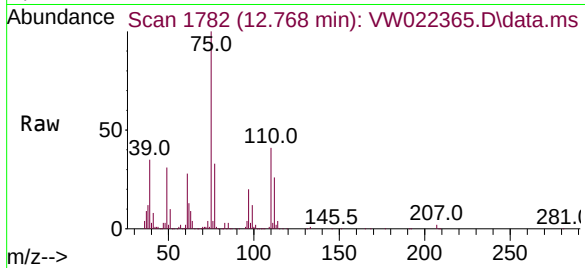
Tgt Ion: 75 Resp: 75174

Ion Ratio Lower Upper

75 100

77 33.2 27.1 40.7

110 40.0 36.7 55.1



#62

1,3,5-Trimethylbenzene

Concen: 21.213 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022365.D

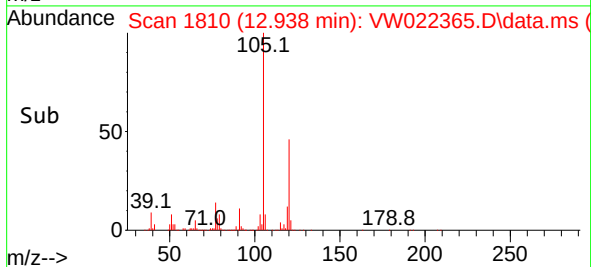
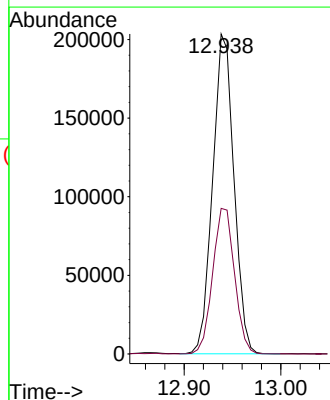
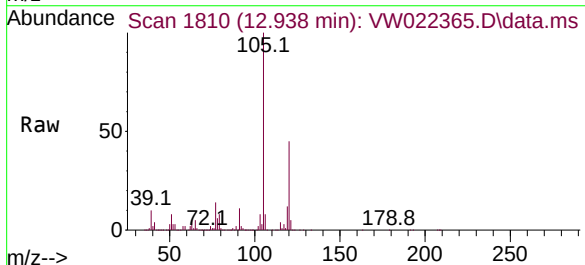
Acq: 01 Apr 2022 14:08

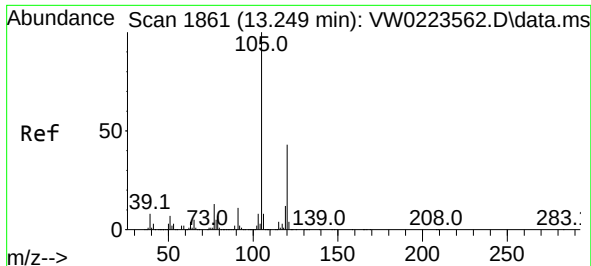
Tgt Ion: 105 Resp: 310929

Ion Ratio Lower Upper

105 100

120 46.8 41.5 62.3

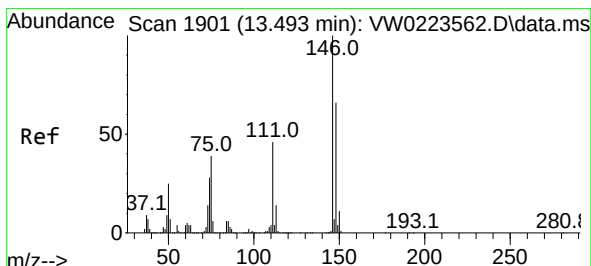
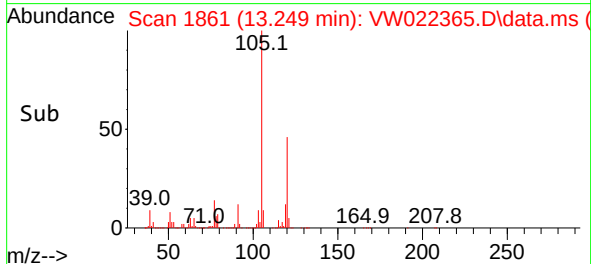
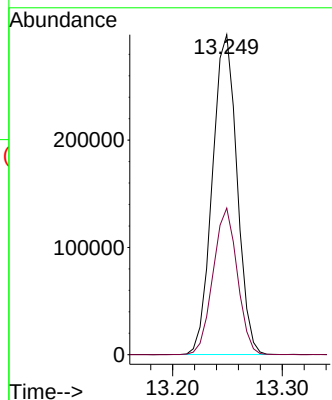
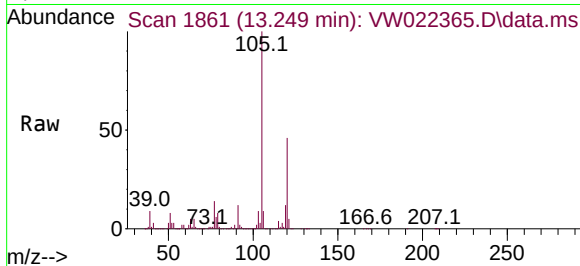




#63
 1,2,4-Trimethylbenzene
 Concen: 21.152 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

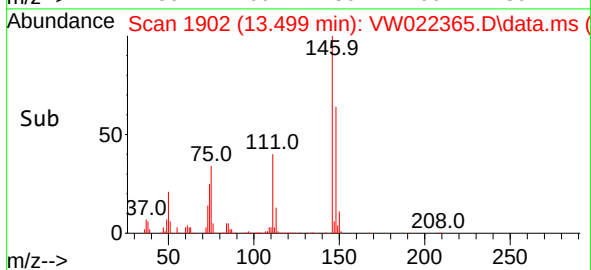
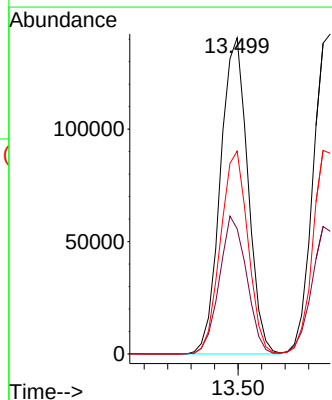
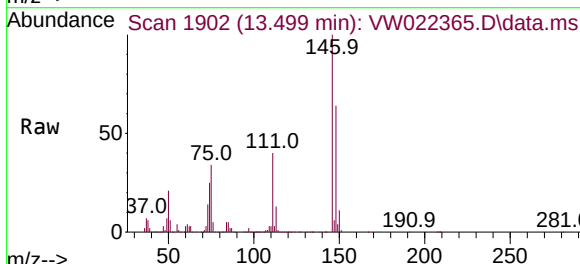
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV467

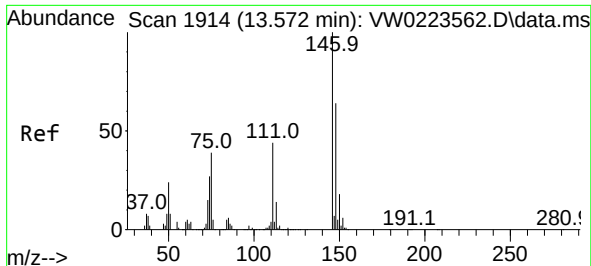
Tgt Ion:105 Resp: 465326
 Ion Ratio Lower Upper
 105 100
 120 45.2 39.2 58.8



#64
 1,3-Dichlorobenzene
 Concen: 21.896 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

Tgt Ion:146 Resp: 228133
 Ion Ratio Lower Upper
 146 100
 111 39.6 26.9 49.9
 148 64.2 41.6 77.2



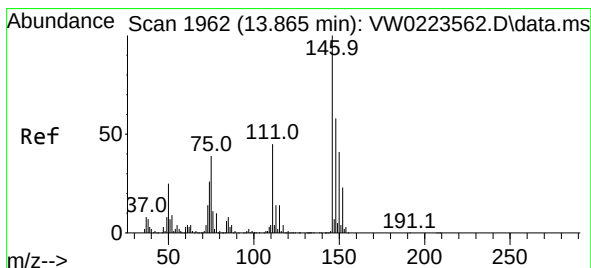
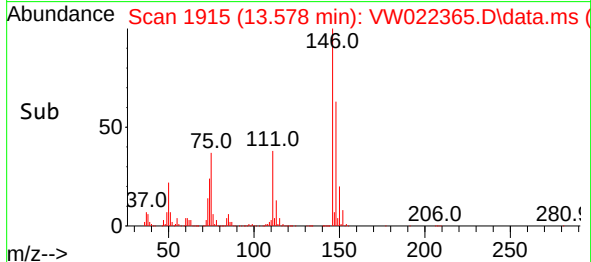
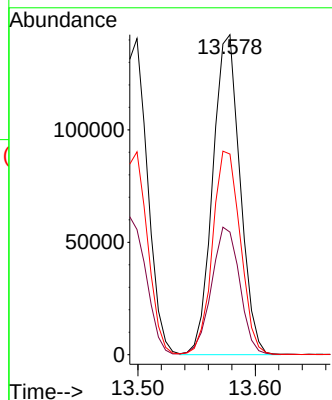
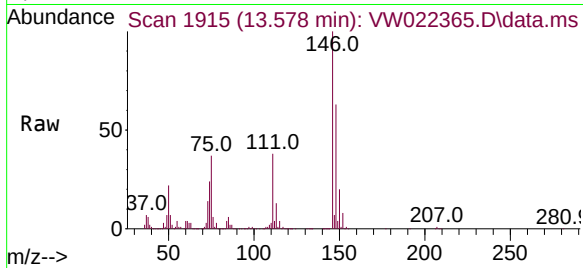


#65
 1,4-Dichlorobenzene
 Concen: 21.035 ug/L
 RT: 13.578 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV467

Tgt Ion:146 Resp: 229987

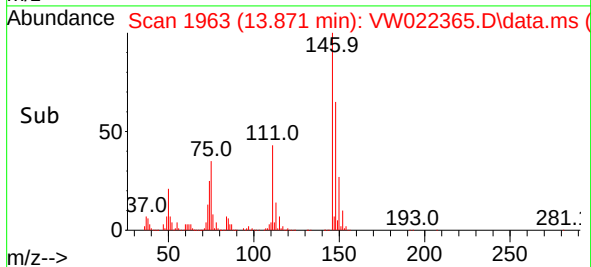
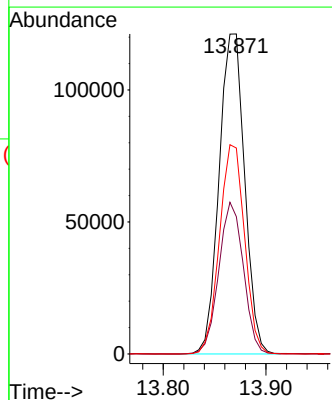
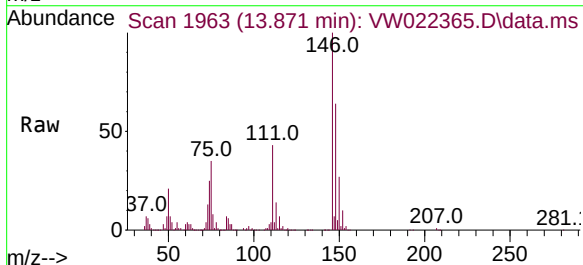
Ion	Ratio	Lower	Upper
146	100		
111	38.3	27.5	51.1
148	62.7	42.9	79.7

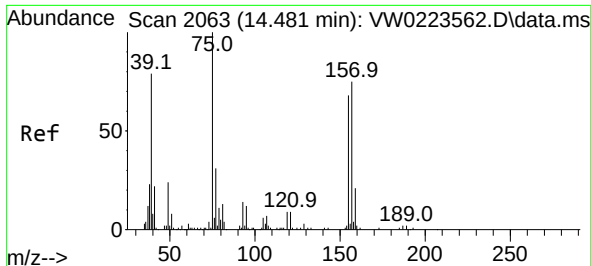


#67
 1,2-Dichlorobenzene
 Concen: 21.797 ug/L
 RT: 13.871 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

Tgt Ion:146 Resp: 208940

Ion	Ratio	Lower	Upper
146	100		
111	42.9	34.8	52.2
148	64.3	50.4	75.6





#68

1,2-Dibromo-3-chloropropane

Concen: 18.465 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

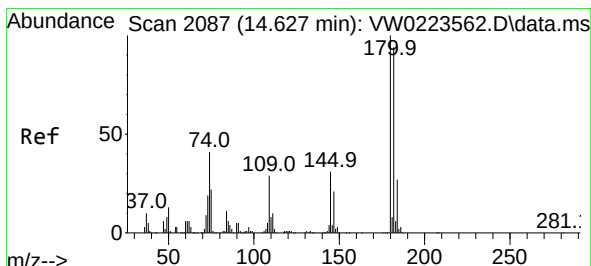
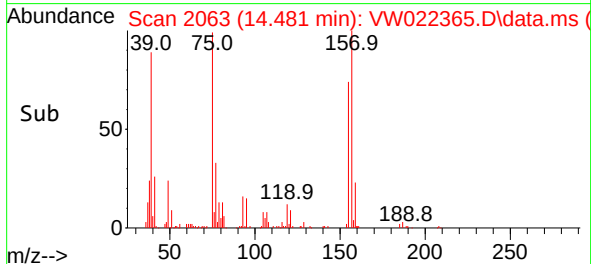
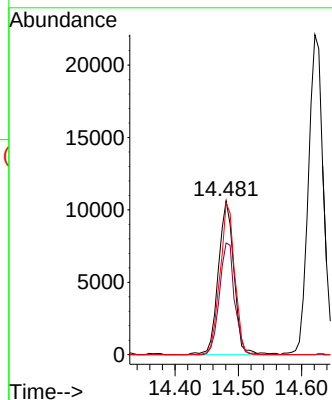
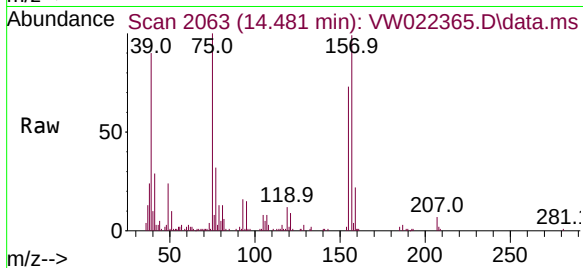
Tgt Ion: 75 Resp: 18100

Ion Ratio Lower Upper

75 100

155 72.6 58.2 87.2

157 98.7 80.5 120.7



#69

1,3,5-Trichlorobenzene

Concen: 20.876 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Tgt Ion:180 Resp: 147320

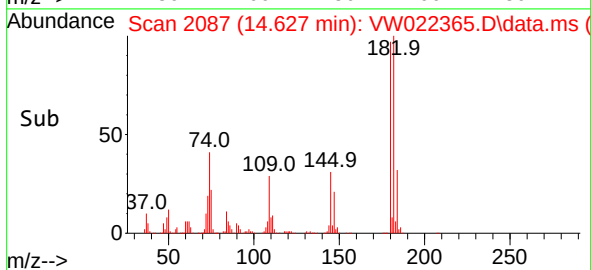
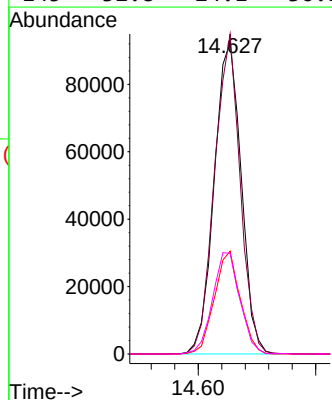
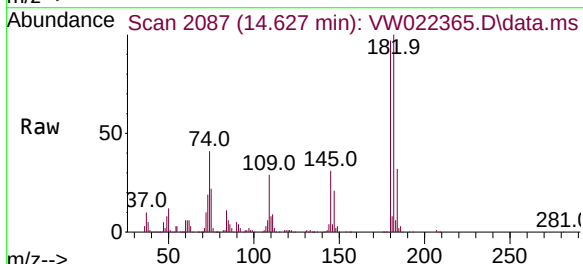
Ion Ratio Lower Upper

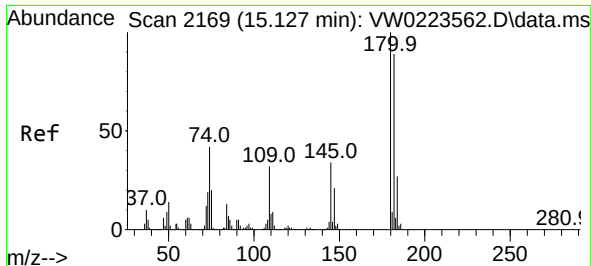
180 100

182 97.4 69.4 104.0

184 31.6 21.8 32.8

145 32.8 24.1 36.1





#70

1,2,4-trichlorobenzene

Concen: 21.233 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

Instrument :

MSVOA_W

ClientSampleId :

VICV467

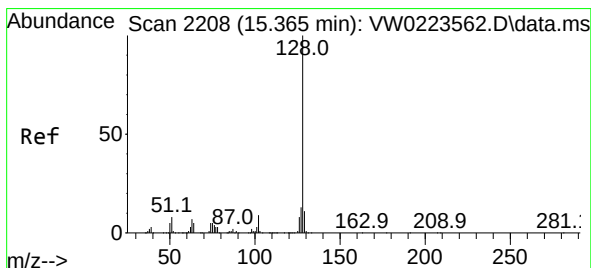
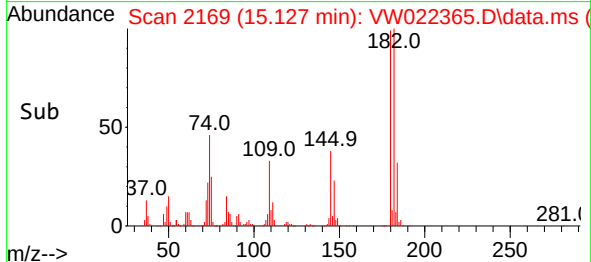
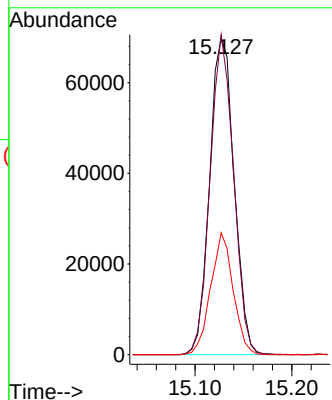
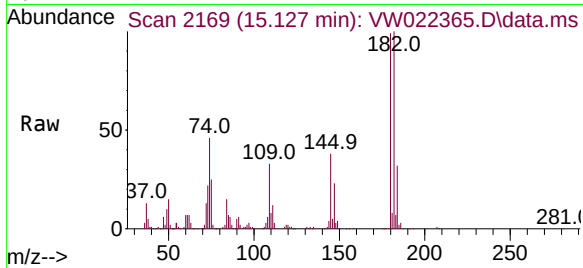
Tgt Ion:180 Resp: 122849

Ion Ratio Lower Upper

180 100

182 96.9 77.8 116.6

145 35.4 25.8 38.6



#71

Naphthalene

Concen: 20.806 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW022365.D

Acq: 01 Apr 2022 14:08

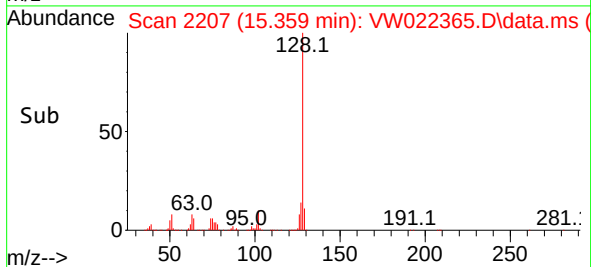
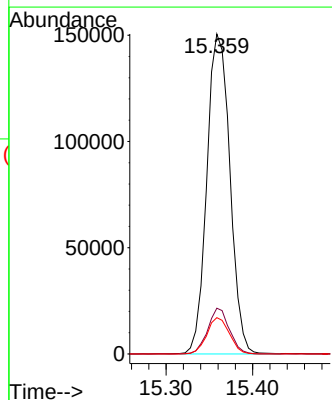
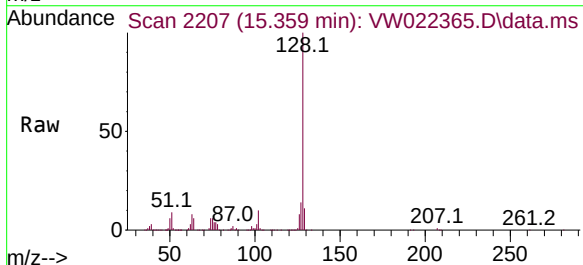
Tgt Ion:128 Resp: 279066

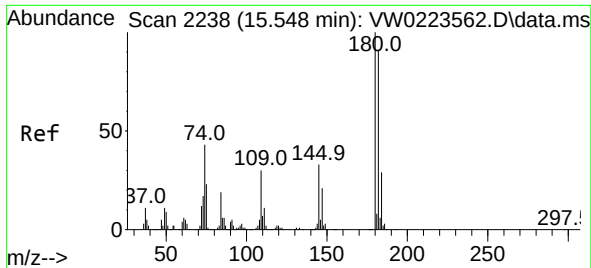
Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

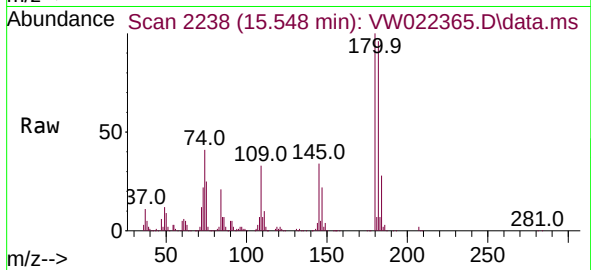
129 11.0 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 21.754 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW022365.D
 Acq: 01 Apr 2022 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV467



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	79.0	118.4
145	36.0	28.0	42.0

