

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040522\
 Data File : VW022408.D
 Acq On : 05 Apr 2022 20:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 06 02:16:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 06 02:13:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	178744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	195325	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	113942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	72275	24.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
7) Chloroethane-d5	2.885	69	56219	32.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.600%
11) 1,1-Dichloroethene-d2	4.031	63	79591	18.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.240%
21) 2-Butanone-d5	7.080	46	28319	39.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.120%
24) Chloroform-d	7.653	84	102704	20.607	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.440%
26) 1,2-Dichloroethane-d4	8.305	65	62744	21.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.160%
32) Benzene-d6	8.274	84	208245	19.415	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.640%
36) 1,2-Dichloropropane-d6	9.274	67	61367	19.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.240%
41) Toluene-d8	10.323	98	221942	21.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	10.579	79	31473	19.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.760%
47) 2-Hexanone-d5	10.920	63	27014	40.953	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.900%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68831	25.337	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	83866	22.800	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12690	13.490	ug/L	98
3) Chloromethane	2.221	50	43941	20.220	ug/L	97
5) Vinyl chloride	2.361	62	105571	29.736	ug/L	97
6) Bromomethane	2.775	94	68094	37.244	ug/L	95
8) Chloroethane	2.922	64	53978	36.558	ug/L	99
9) Trichlorofluoromethane	3.257	101	25773	24.516	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	52070	21.672	ug/L	96
12) 1,1-Dichloroethene	4.050	96	49693	22.067	ug/L	90
13) Acetone	4.117	43	18756	38.265	ug/L	94
14) Carbon disulfide	4.385	76	151696	21.353	ug/L	97
15) Methyl Acetate	4.678	43	26120	20.428	ug/L	92
16) Methylene chloride	4.915	84	59479	22.222	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	60615	22.726	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	103756	22.319	ug/L	95
19) 1,1-Dichloroethane	6.214	63	105579	21.556	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	66088	23.266	ug/L	90
22) 2-Butanone	7.171	43	34583	44.729	ug/L	91
23) Bromochloromethane	7.512	128	31002	24.881	ug/L #	77
25) Chloroform	7.677	83	113911	22.784	ug/L	99

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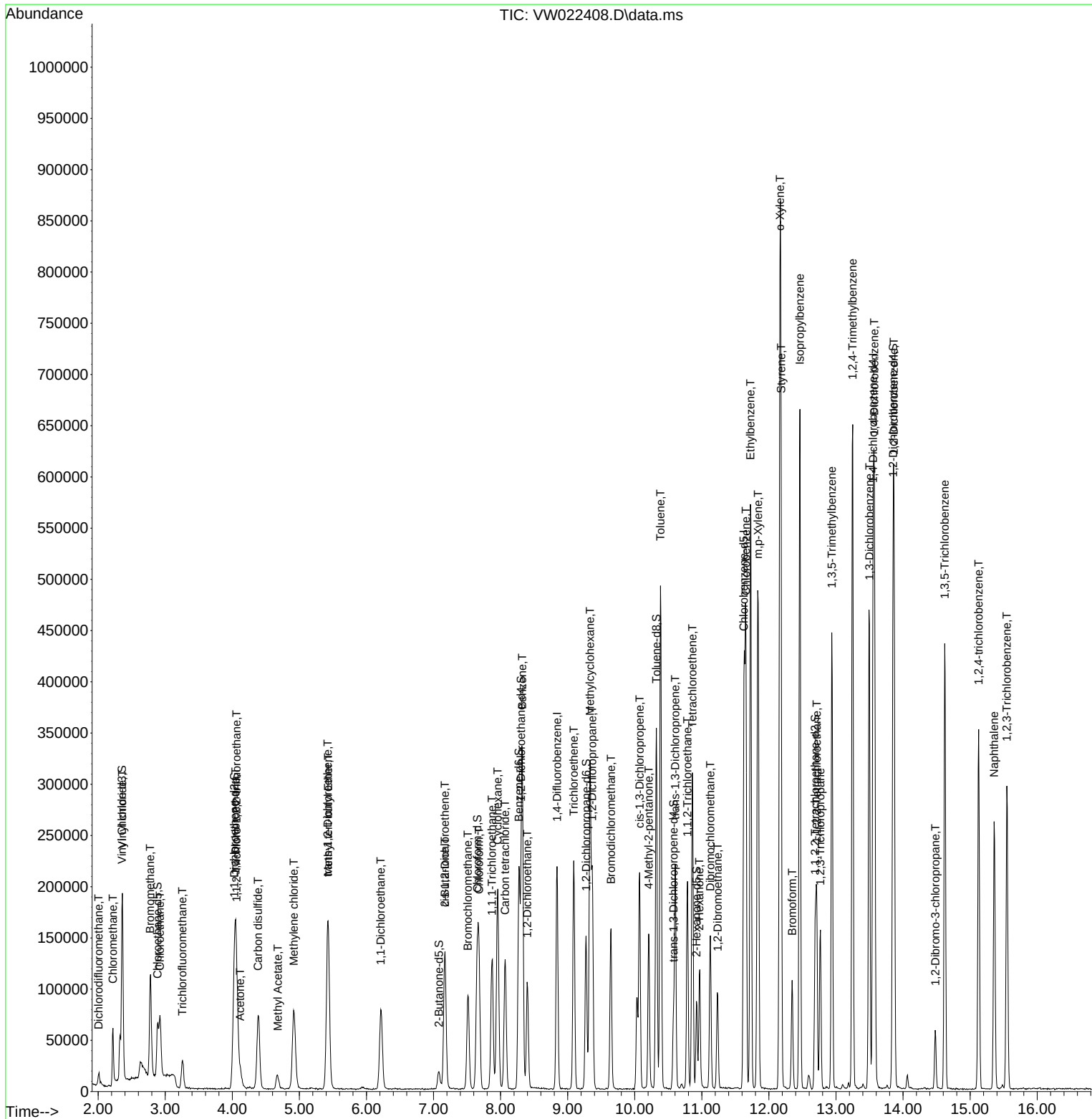
Instrument :
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 ClientSampleId :

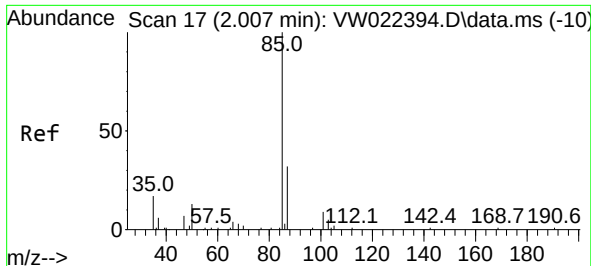
Quant Time: Apr 06 02:16:34 2022
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 Quant Title : SFAM01.0
 QLast Update : Wed Apr 06 02:13:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	88404	23.550	ug/L	95
29) Cyclohexane	7.957	56	100629	18.924	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	95144	19.758	ug/L	95
31) Carbon tetrachloride	8.067	117	87174	20.098	ug/L	98
33) Benzene	8.323	78	270688	21.589	ug/L	100
34) Trichloroethene	9.091	95	71164	21.851	ug/L	96
35) Methylcyclohexane	9.335	83	122149	21.305	ug/L	93
37) 1,2-Dichloropropane	9.366	63	67815	21.826	ug/L	100
38) Bromodichloromethane	9.646	83	93945	21.679	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	106714	21.005	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	95883	43.884	ug/L #	92
42) Toluene	10.384	91	343674	24.644	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	105171	22.352	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	56194	24.182	ug/L	92
46) Tetrachloroethene	10.859	164	62243	26.652	ug/L	90
48) 2-Hexanone	10.963	43	70780	45.888	ug/L	96
49) Dibromochloromethane	11.128	129	69178	24.047	ug/L	92
50) 1,2-Dibromoethane	11.237	107	57735	24.464	ug/L	94
51) Chlorobenzene	11.658	112	218599	25.353	ug/L	95
52) Ethylbenzene	11.725	91	389812	25.202	ug/L	96
53) m,p-Xylene	11.841	106	153561	26.011	ug/L	99
54) o-Xylene	12.164	106	149608	26.160	ug/L	91
55) Styrene	12.182	104	261689	26.345	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	79156	26.600	ug/L	96
59) Bromoform	12.347	173	40328	23.754	ug/L #	98
60) Isopropylbenzene	12.463	105	403303	23.565	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	56506	22.819	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	230079	24.111	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	342097	23.886	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	174492	25.724	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	176928	24.856	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	156682	25.107	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	12661	19.840	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	120976	26.332	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	98822	26.235	ug/L	95
71) Naphthalene	15.359	128	211980	24.276	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	88262	26.752	ug/L	93

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

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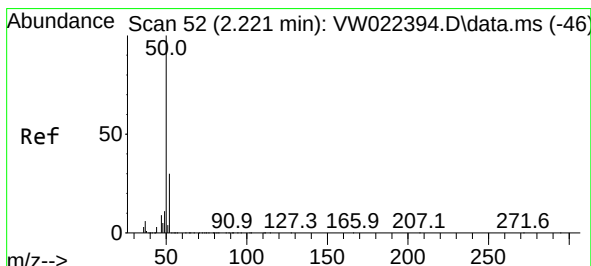
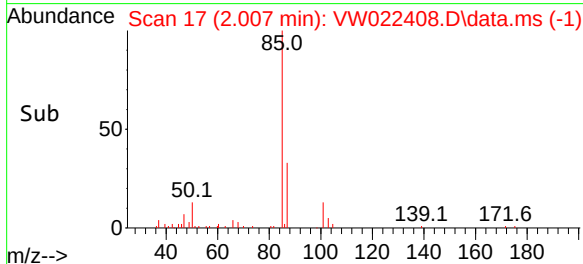
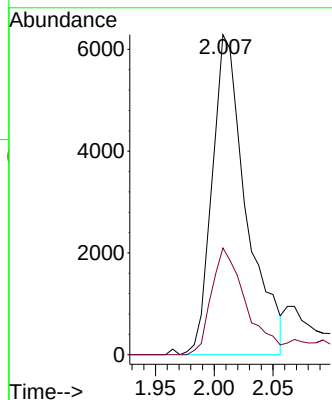
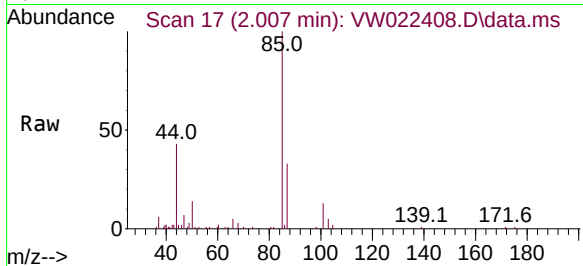




#2
 Dichlorodifluoromethane
 Concen: 13.490 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

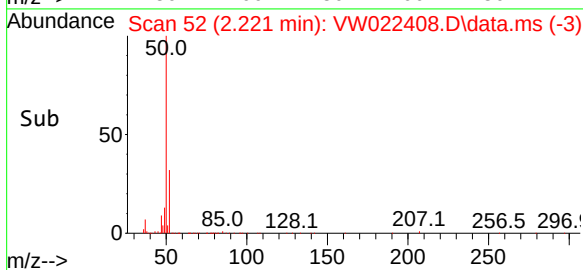
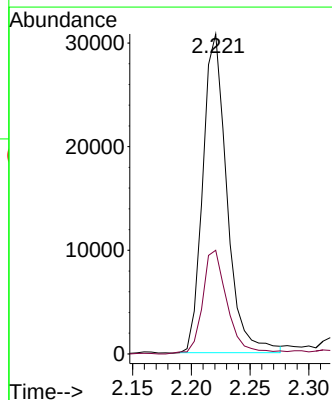
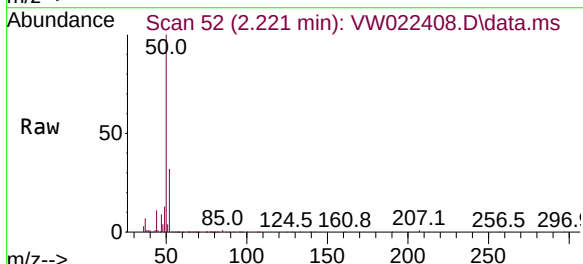
Instrument :
 MSVOA_W
 ClientSampleId :

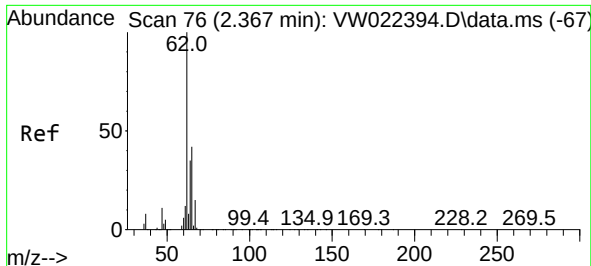
Tgt Ion: 85 Resp: 12690
 Ion Ratio Lower Upper
 85 100
 87 33.6 27.6 41.4



#3
 Chloromethane
 Concen: 20.220 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

Tgt Ion: 50 Resp: 43941
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.9 44.5

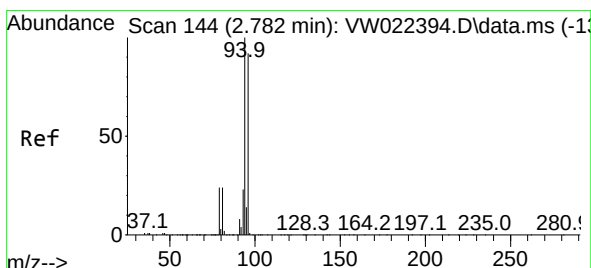
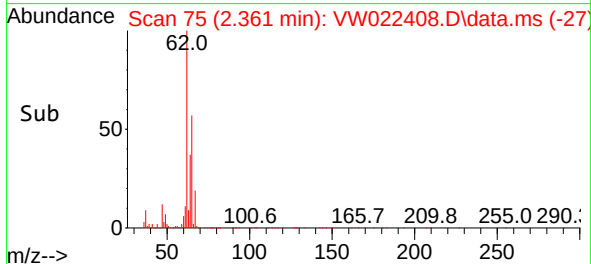
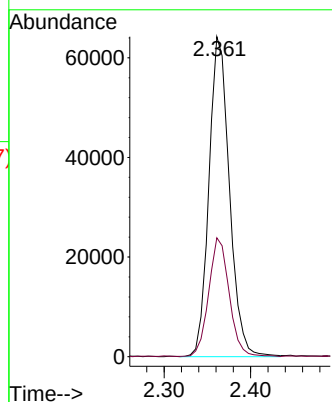
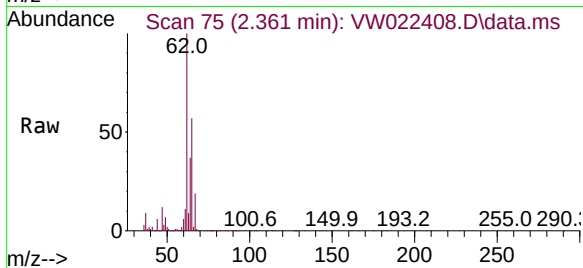




#5
 Vinyl chloride
 Concen: 29.736 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

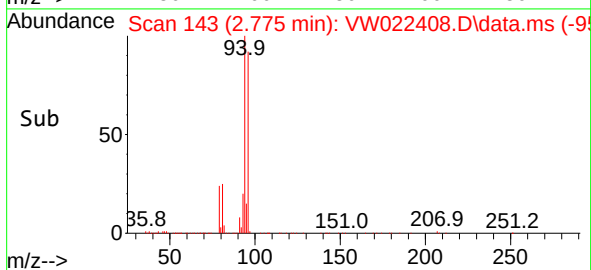
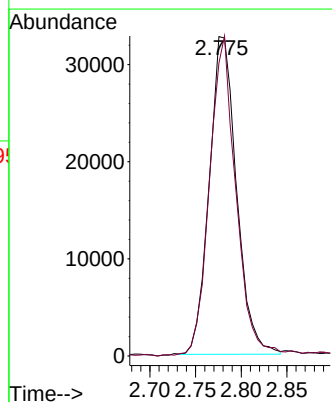
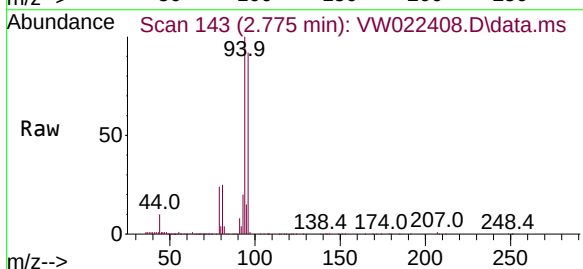
Instrument :
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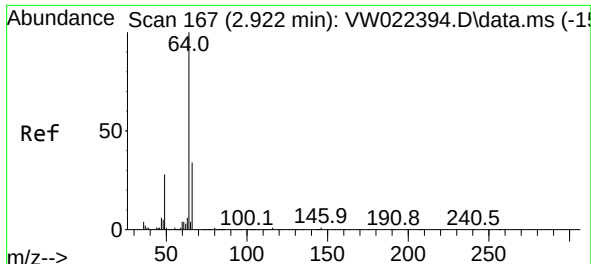
Tgt Ion: 62 Resp: 105571
 Ion Ratio Lower Upper
 62 100
 64 37.2 24.7 45.9



#6
 Bromomethane
 Concen: 37.244 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

Tgt Ion: 94 Resp: 68094
 Ion Ratio Lower Upper
 94 100
 96 91.7 61.2 113.8

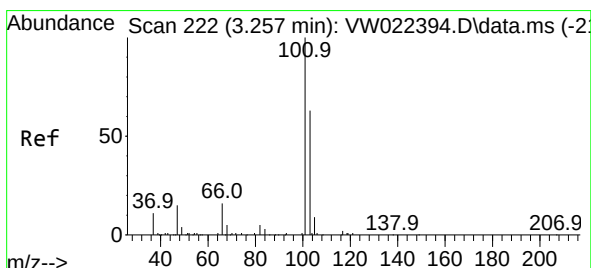
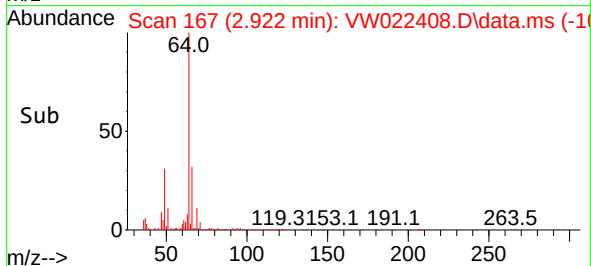
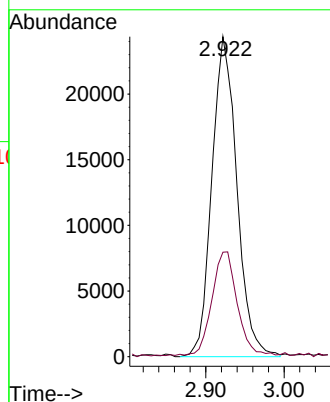
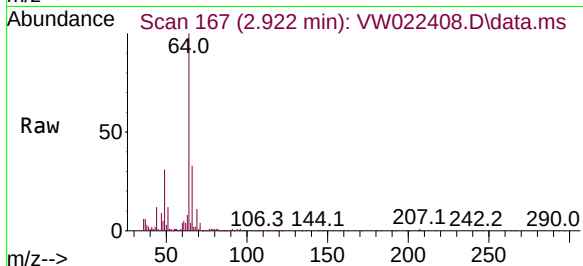




#8
Chloroethane
Concen: 36.558 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

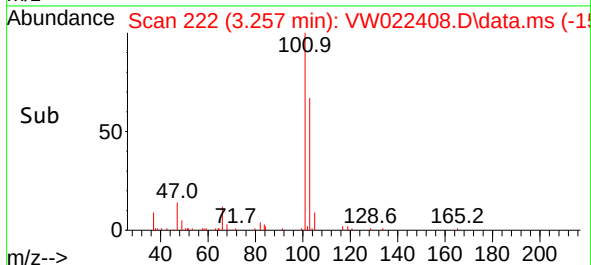
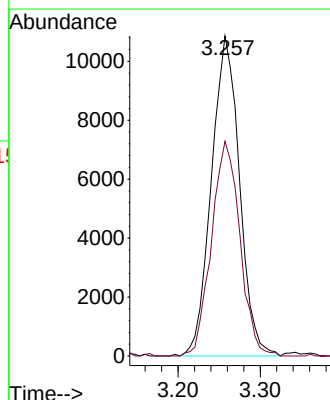
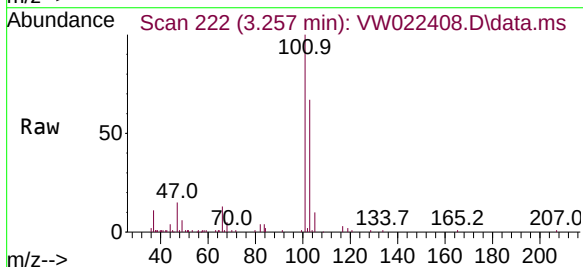
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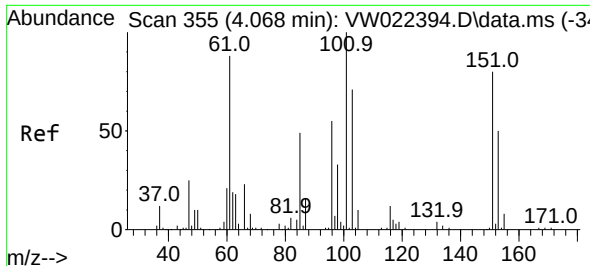
Tgt Ion: 64 Resp: 53978
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 24.516 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion: 101 Resp: 25773
Ion Ratio Lower Upper
101 100
103 67.9 53.2 79.8

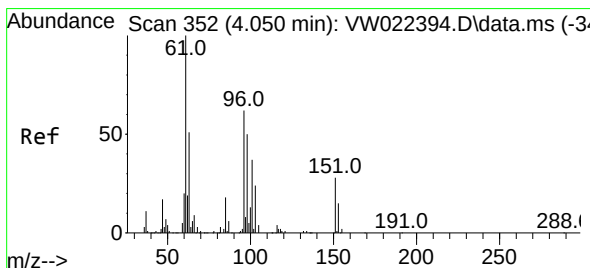
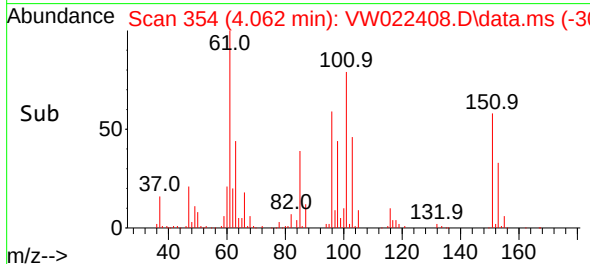
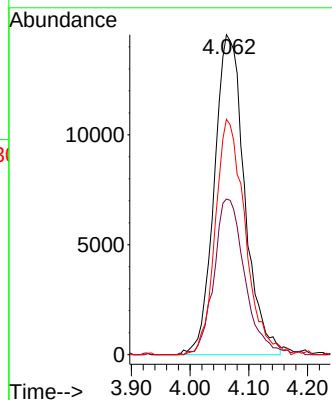
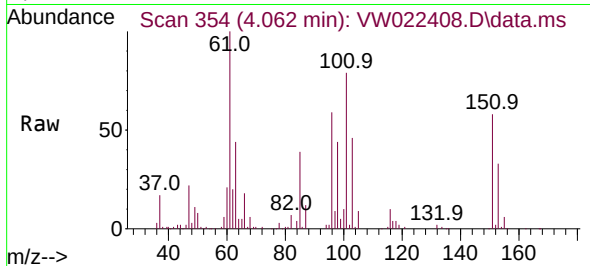




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.672 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

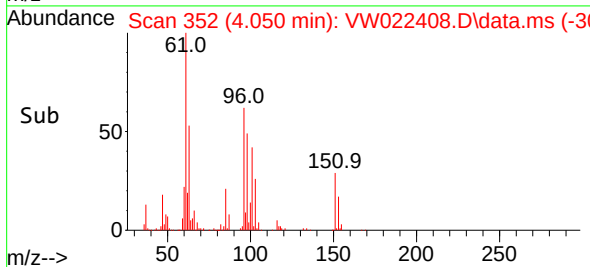
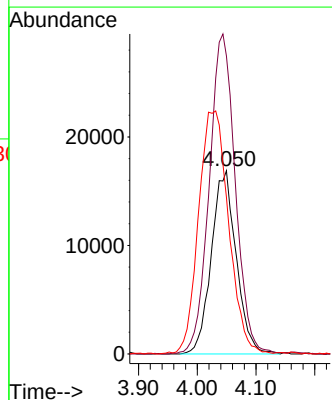
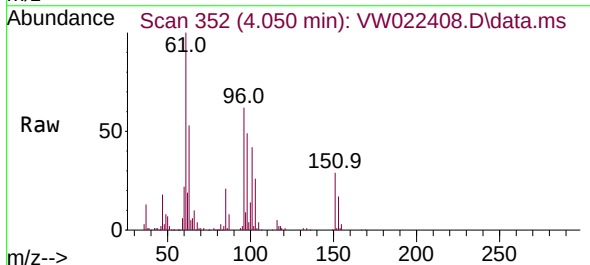
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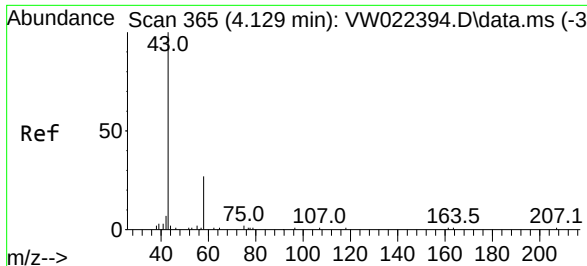
Tgt Ion:101 Resp: 52070
 Ion Ratio Lower Upper
 101 100
 85 49.2 34.4 51.6
 151 72.5 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 22.067 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

Tgt Ion: 96 Resp: 49693
 Ion Ratio Lower Upper
 96 100
 61 162.5 108.4 201.2
 63 85.5 72.0 133.6

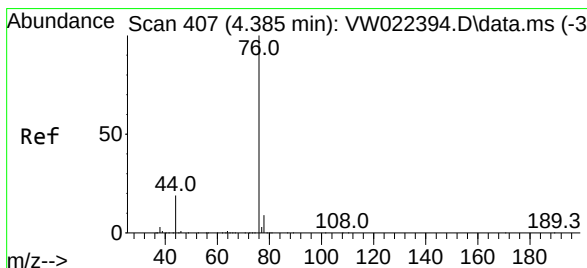
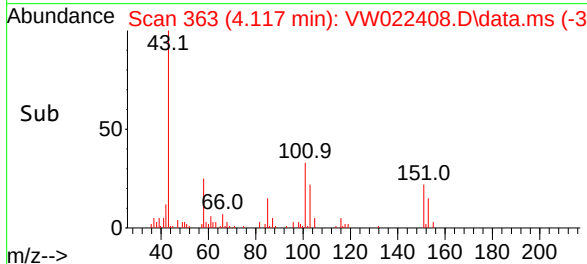
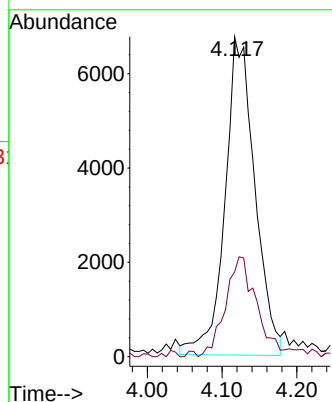
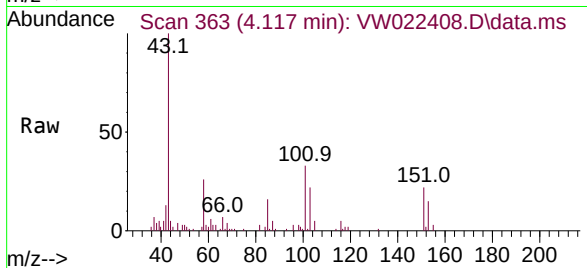




#13
Acetone
Concen: 38.265 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

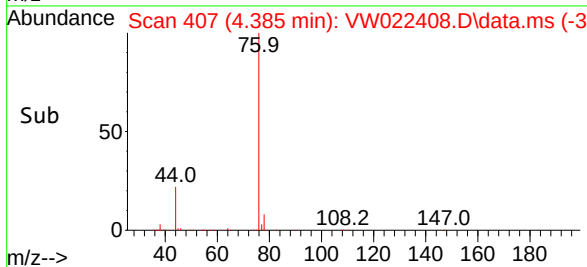
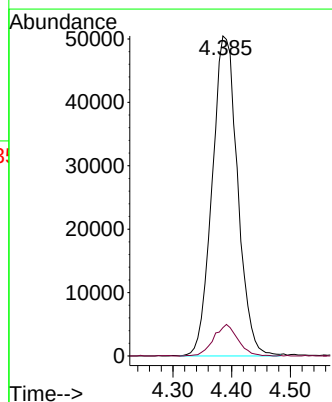
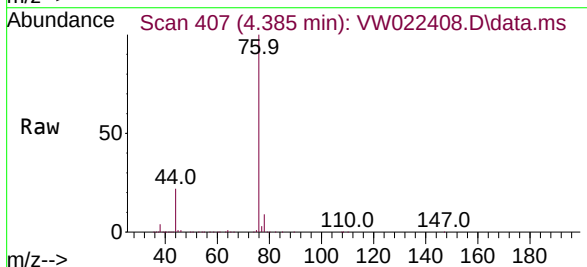
Instrument :
MSVOA_W
ClientSampled :

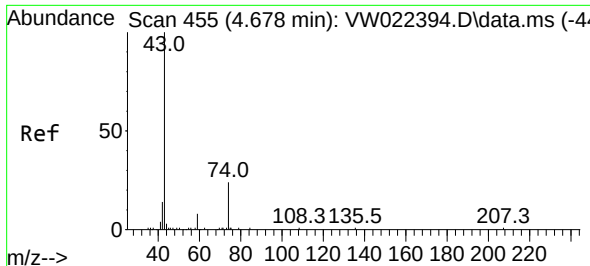
Tgt Ion: 43 Resp: 18756
Ion Ratio Lower Upper
43 100
58 31.2 0.0 69.2



#14
Carbon disulfide
Concen: 21.353 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion: 76 Resp: 151696
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

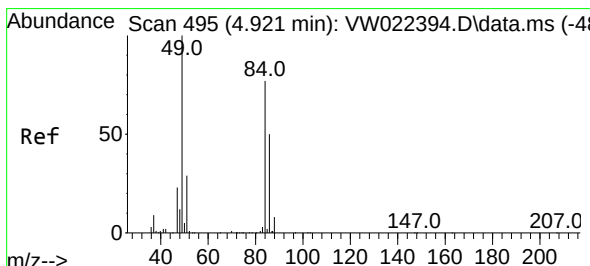
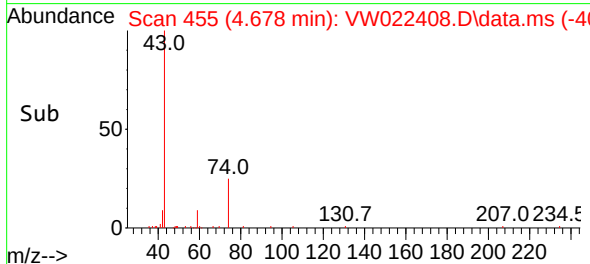
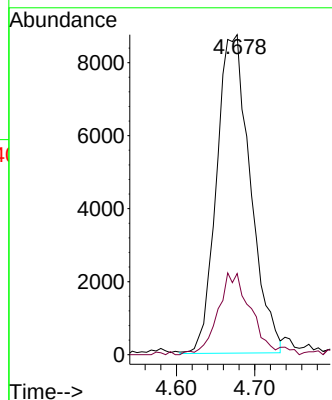
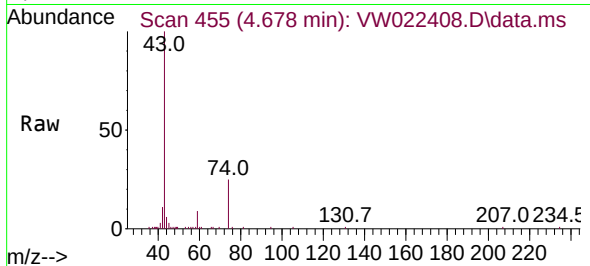




#15
Methyl Acetate
Concen: 20.428 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

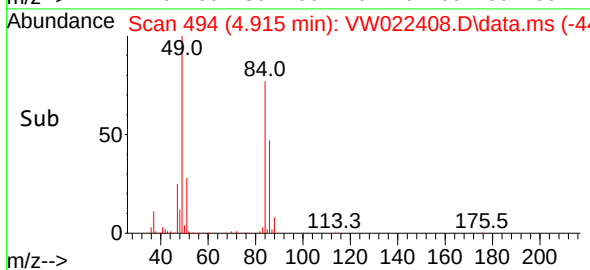
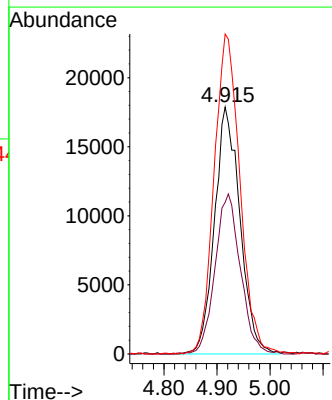
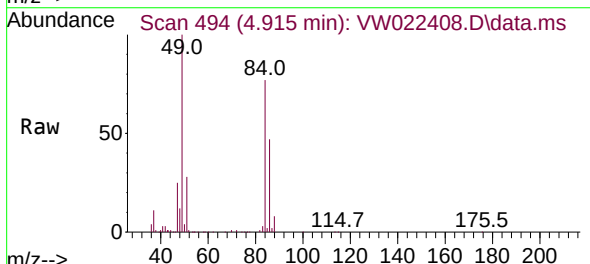
Instrument :
MSVOA_W
ClientSampleId :

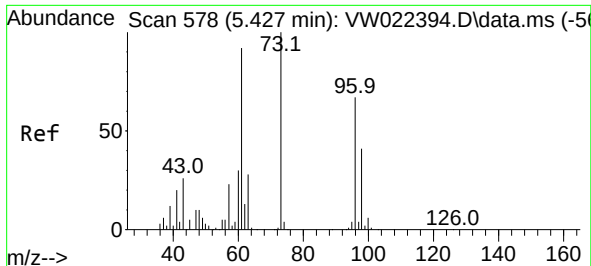
Tgt Ion: 43 Resp: 26120
Ion Ratio Lower Upper
43 100
74 24.3 23.0 34.6



#16
Methylene chloride
Concen: 22.222 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion: 84 Resp: 59479
Ion Ratio Lower Upper
84 100
86 61.4 45.8 85.0
49 129.6 73.8 137.0

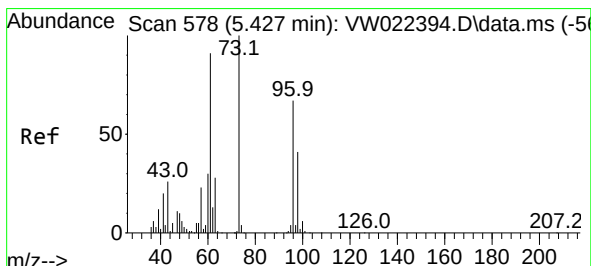
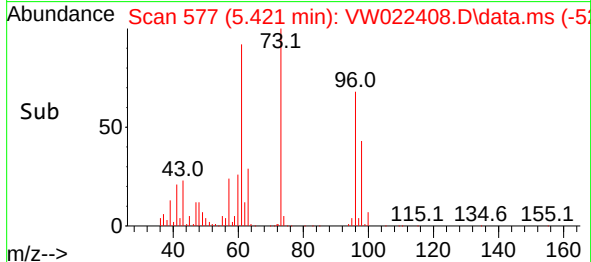
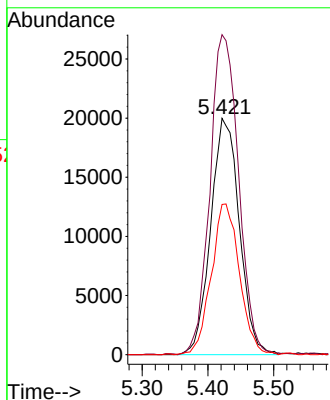
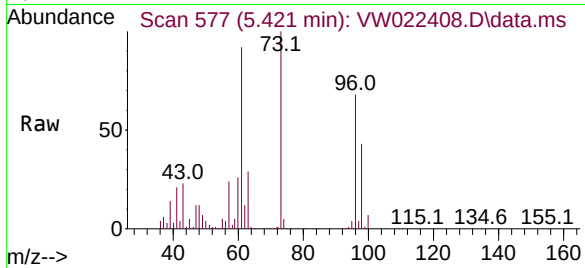




#17
trans-1,2-Dichloroethene
Concen: 22.726 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

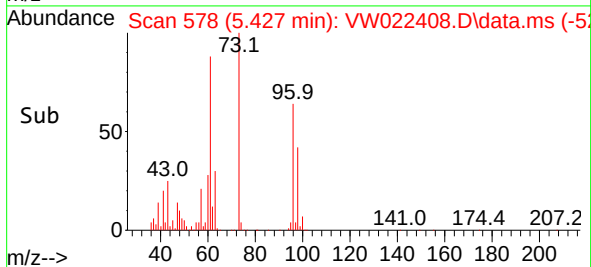
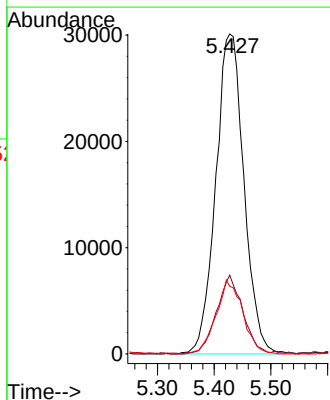
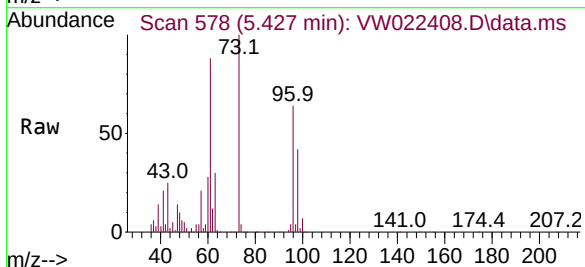
Instrument :
MSVOA_W
ClientSampleId :

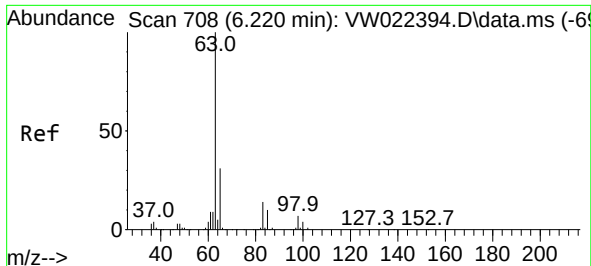
Tgt Ion: 96 Resp: 60615
Ion Ratio Lower Upper
96 100
61 135.4 87.3 162.1
98 63.6 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 22.319 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

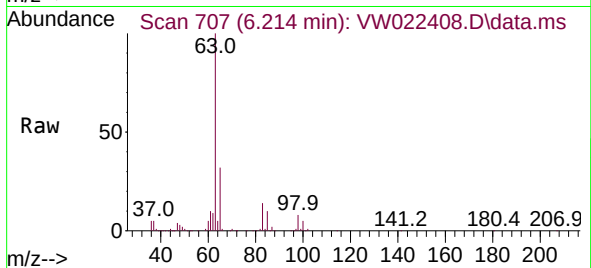
Tgt Ion: 73 Resp: 103756
Ion Ratio Lower Upper
73 100
43 22.9 15.4 23.2
57 21.9 16.5 24.7





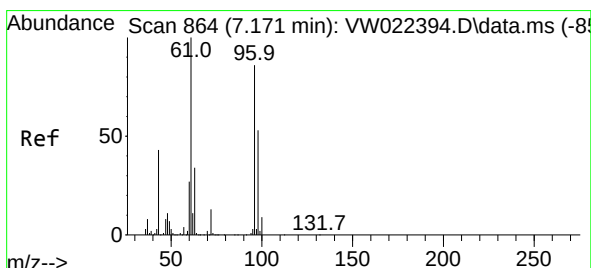
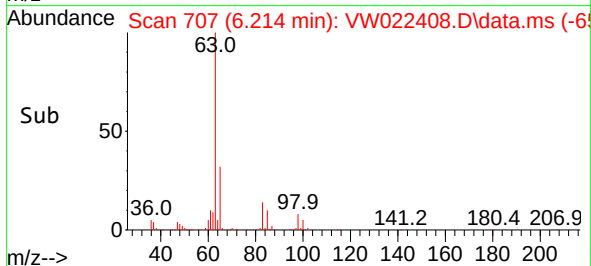
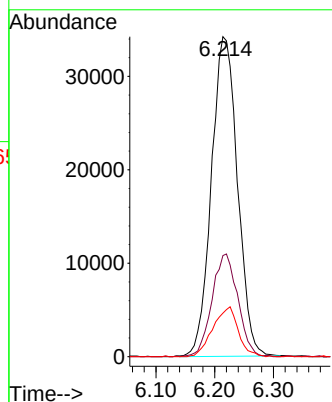
#19
 1,1-Dichloroethane
 Concen: 21.556 ug/L
 RT: 6.214 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 63 Resp: 105579

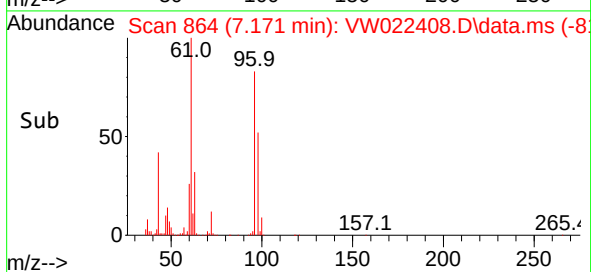
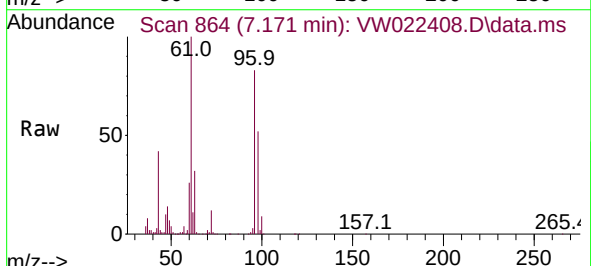
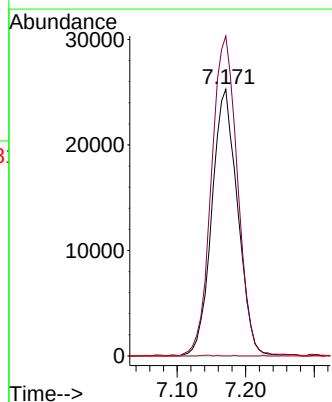
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.5	41.9
83	13.6	11.5	21.5

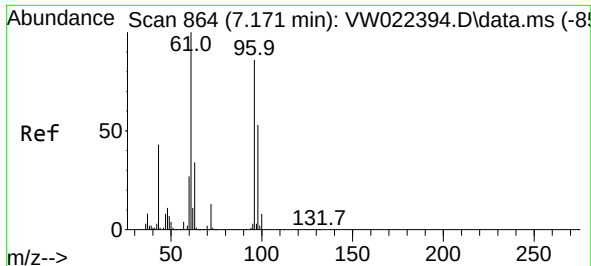


#20
 cis-1,2-Dichloroethene
 Concen: 23.266 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW022408.D
 Acq: 05 Apr 2022 20:40

Tgt Ion: 96 Resp: 66088

Ion	Ratio	Lower	Upper
96	100		
61	120.0	76.8	142.6
68	0.0	0.0	0.0

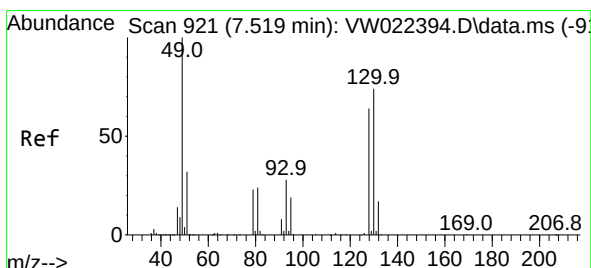
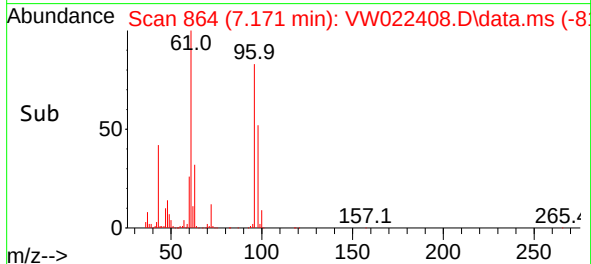
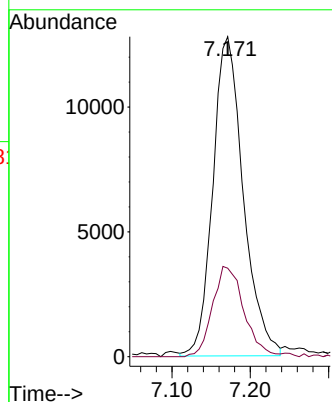
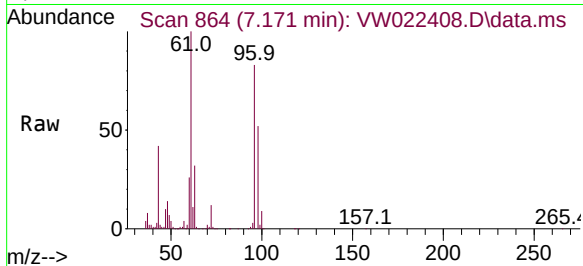




#22
2-Butanone
Concen: 44.729 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

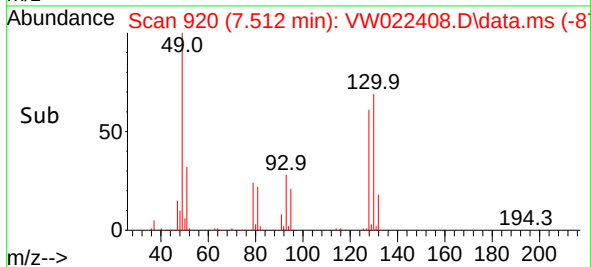
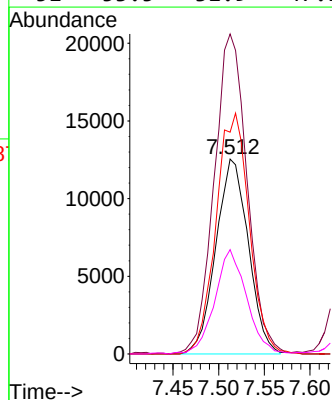
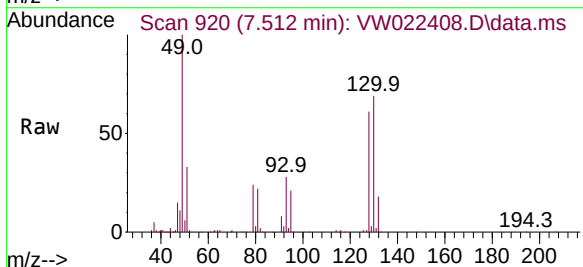
Instrument :
MSVOA_W
ClientSampleId :

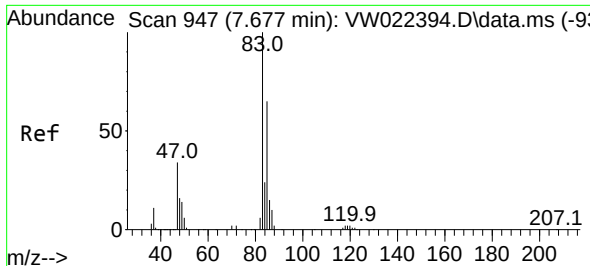
Tgt Ion: 43 Resp: 34583
Ion Ratio Lower Upper
43 100
72 29.0 17.0 51.0



#23
Bromochloromethane
Concen: 24.881 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion: 128 Resp: 31002
Ion Ratio Lower Upper
128 100
49 164.2 84.2 156.4#
130 113.8 84.8 157.4
51 53.5 31.9 47.9#

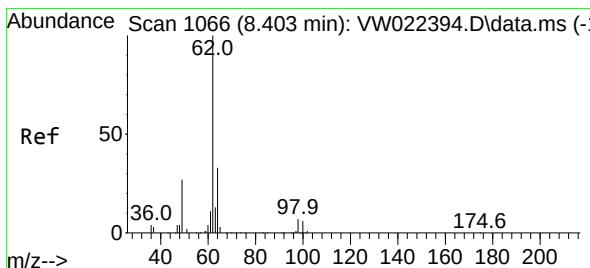
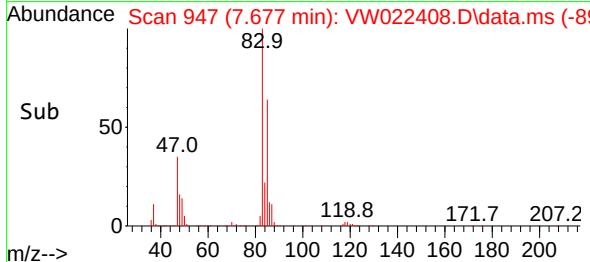
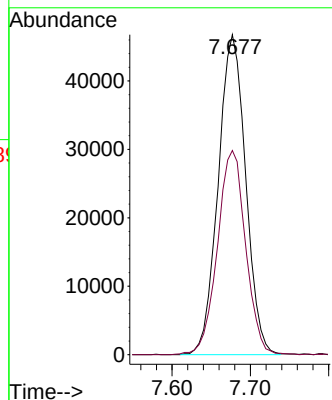
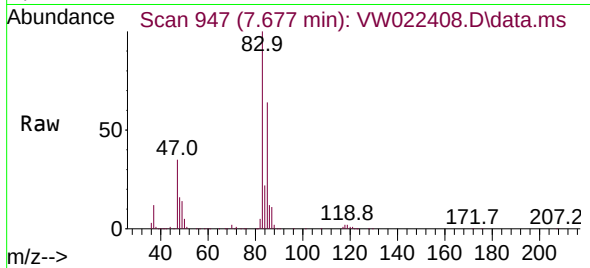




#25
Chloroform
Concen: 22.784 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

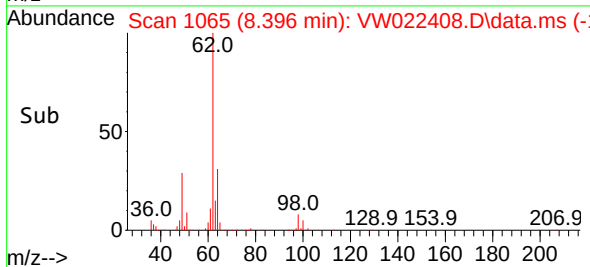
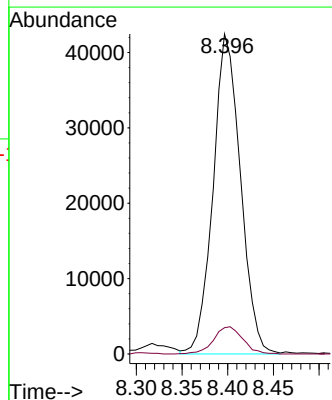
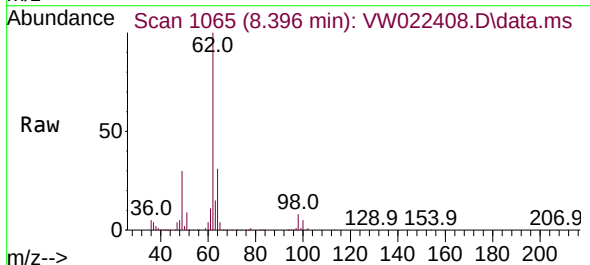
Instrument :
MSVOA_W
ClientSampleId :

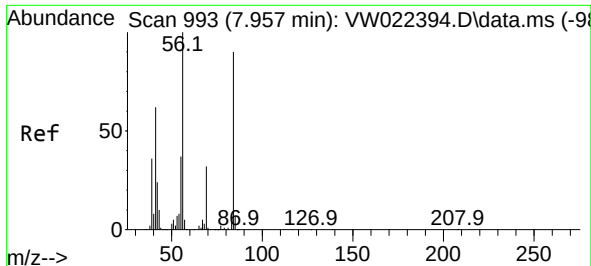
Tgt Ion: 83 Resp: 113911
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 23.550 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

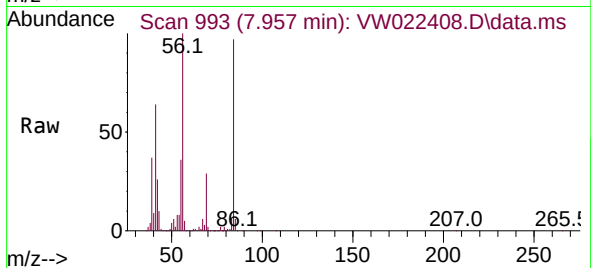
Tgt Ion: 62 Resp: 88404
Ion Ratio Lower Upper
62 100
98 8.2 7.9 11.9



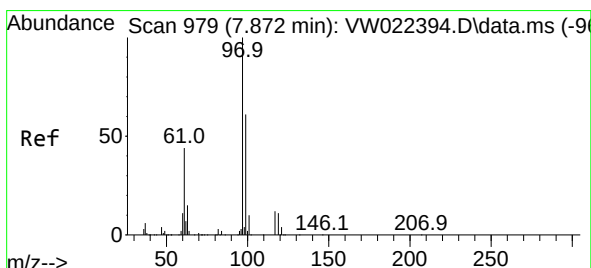
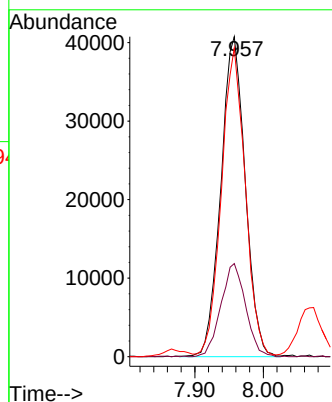
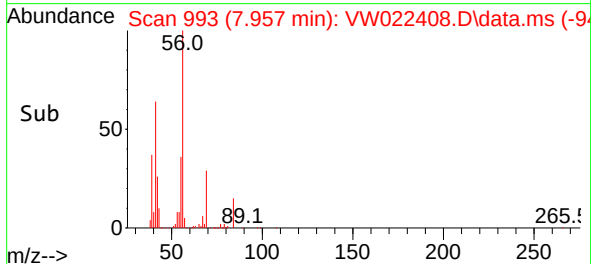


#29
Cyclohexane
Concen: 18.924 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Instrument :
MSVOA_W
ClientSampleId :

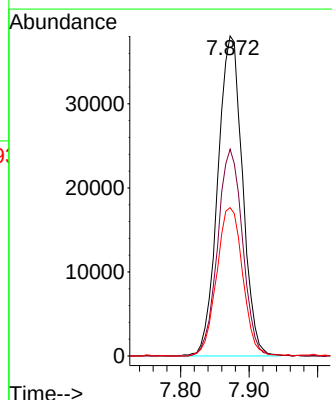
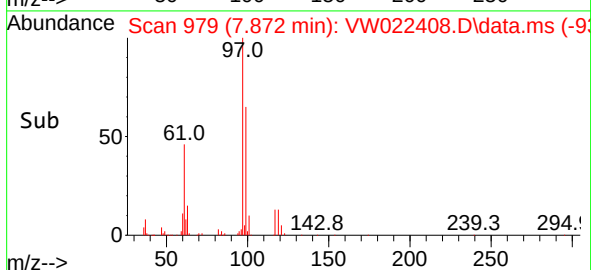
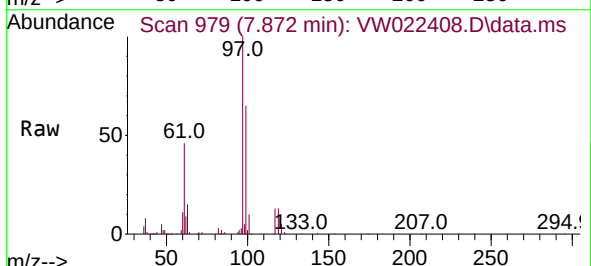


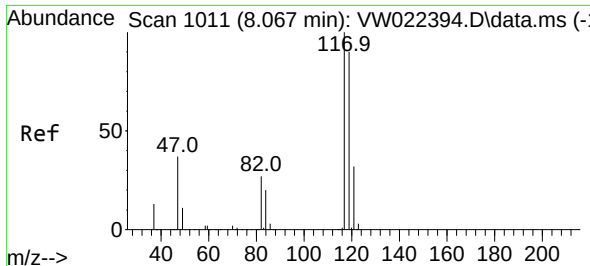
Tgt Ion: 56 Resp: 100629
Ion Ratio Lower Upper
56 100
69 29.4 26.3 39.5
84 94.4 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 19.758 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion: 97 Resp: 95144
Ion Ratio Lower Upper
97 100
99 65.1 52.6 78.8
61 48.9 33.0 49.6

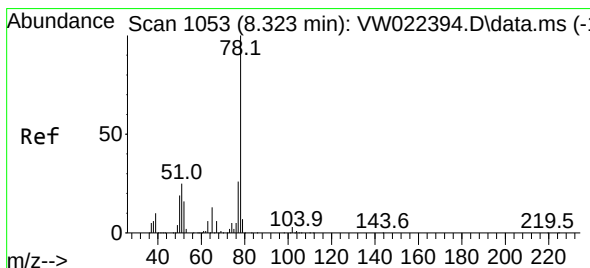
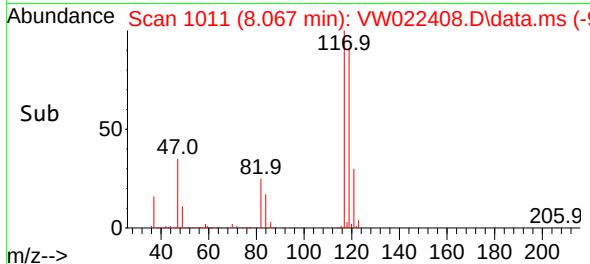
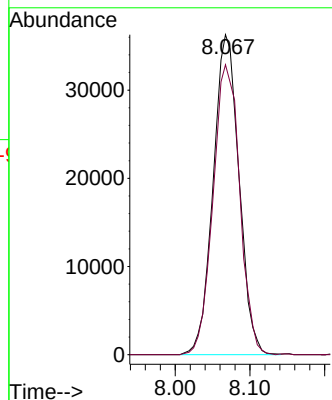
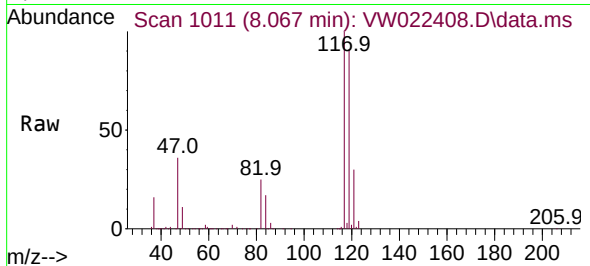




#31
Carbon tetrachloride
Concen: 20.098 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

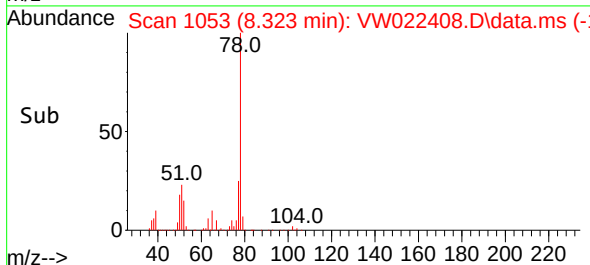
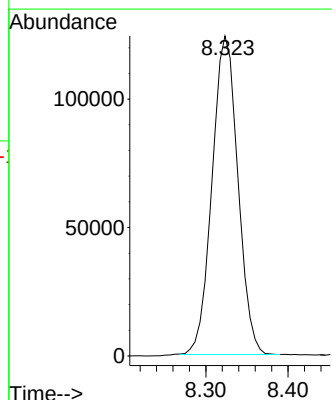
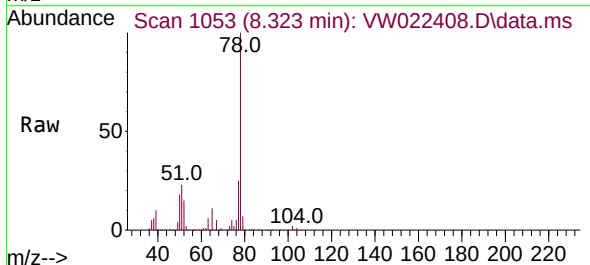
Instrument :
MSVOA_W
ClientSampleId :

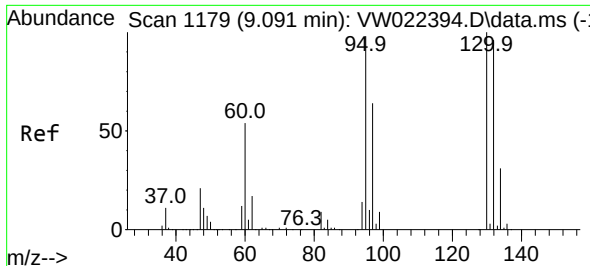
Tgt Ion:117 Resp: 87174
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1



#33
Benzene
Concen: 21.589 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion: 78 Resp: 270688





#34

Trichloroethene

Concen: 21.851 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

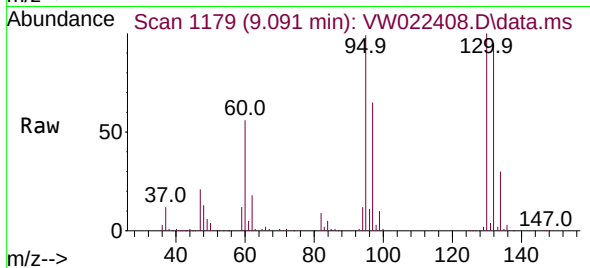
Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 71164

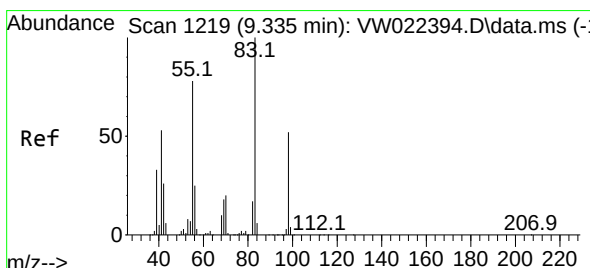
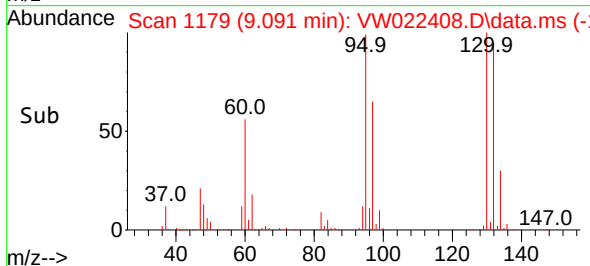
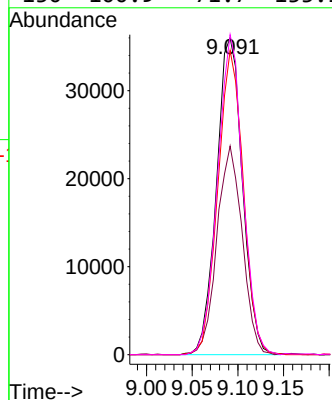
Ion Ratio Lower Upper

95 100

97 65.8 44.4 82.4

132 95.9 71.7 133.1

130 100.9 71.7 133.1



#35

Methylcyclohexane

Concen: 21.305 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

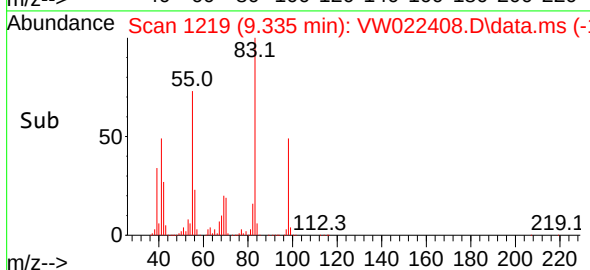
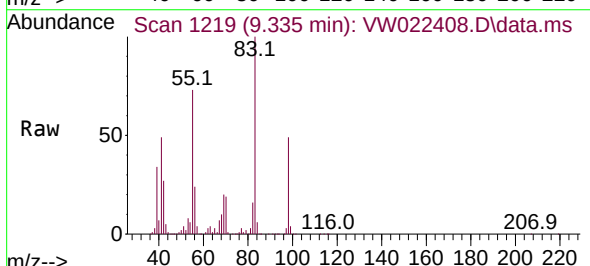
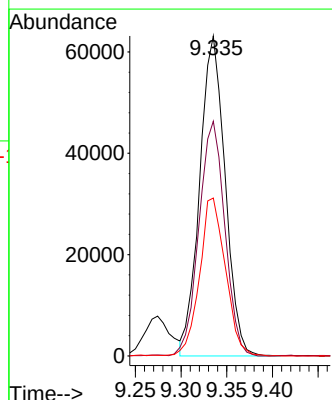
Tgt Ion: 83 Resp: 122149

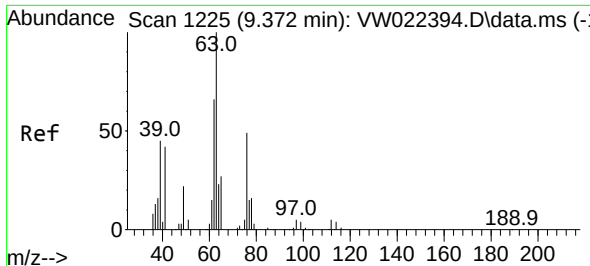
Ion Ratio Lower Upper

83 100

55 74.6 53.8 80.8

98 50.2 42.1 63.1





#37

1,2-Dichloropropane

Concen: 21.826 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

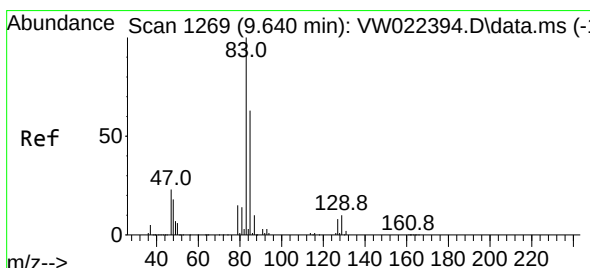
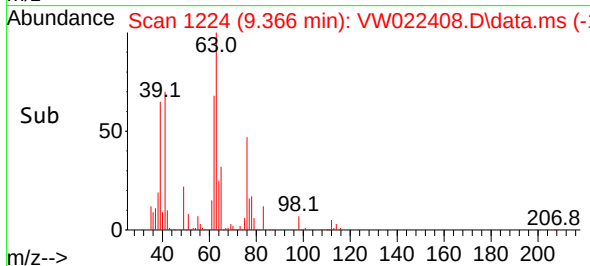
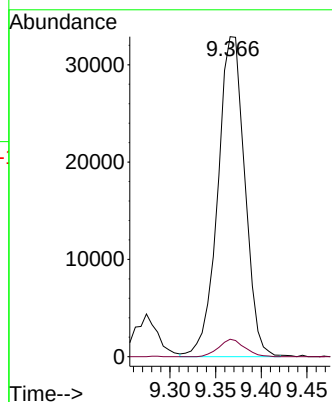
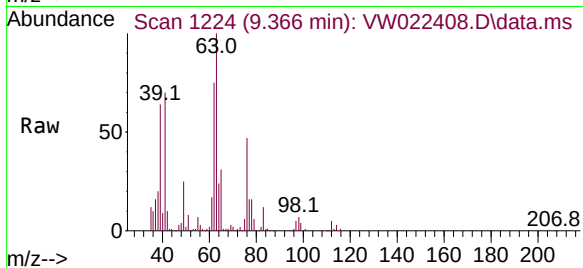
ClientSampleId :

Tgt Ion: 63 Resp: 67815

Ion Ratio Lower Upper

63 100

112 5.2 4.1 6.1



#38

Bromodichloromethane

Concen: 21.679 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

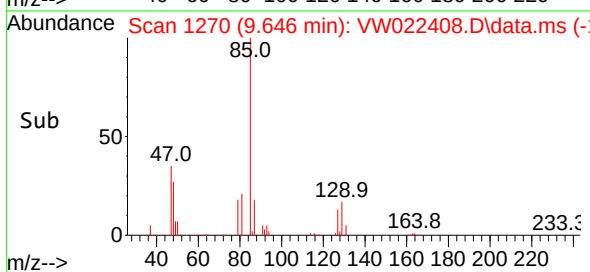
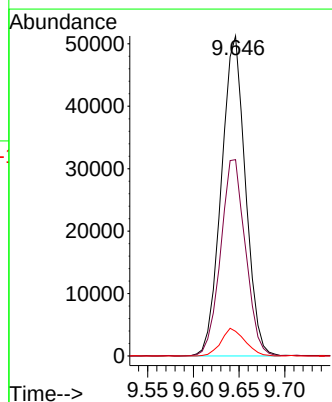
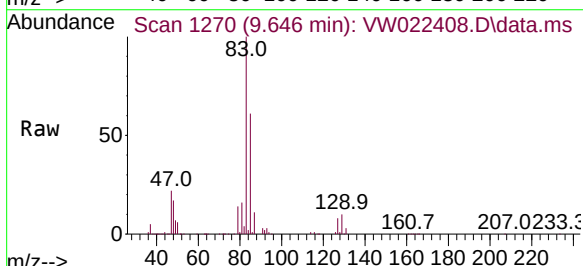
Tgt Ion: 83 Resp: 93945

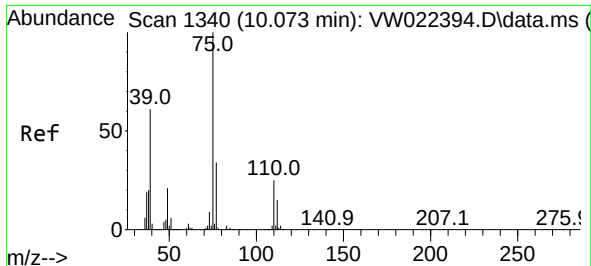
Ion Ratio Lower Upper

83 100

85 61.3 47.9 89.1

127 7.7 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 21.005 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

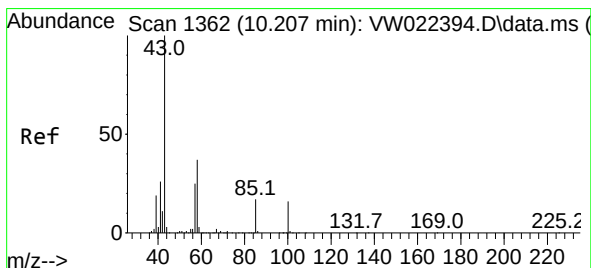
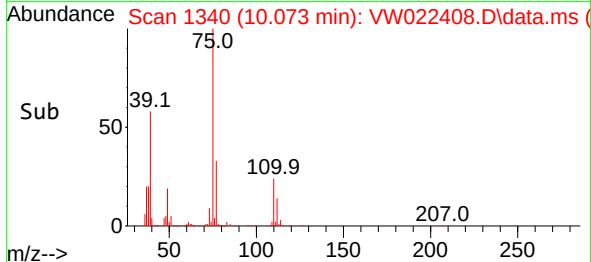
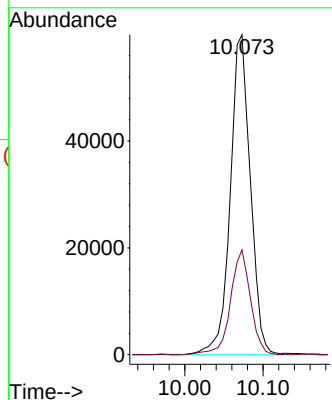
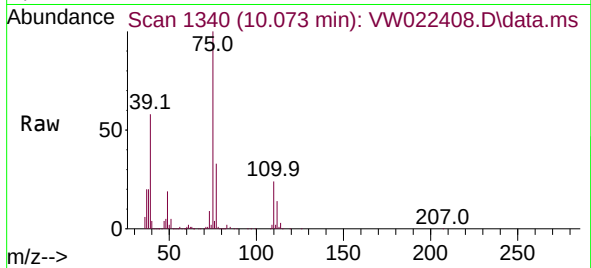
ClientSampleId :

Tgt Ion: 75 Resp: 106714

Ion Ratio Lower Upper

75 100

77 32.7 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 43.884 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

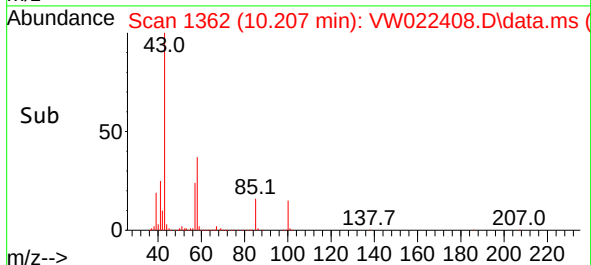
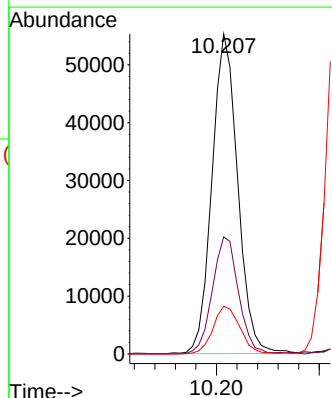
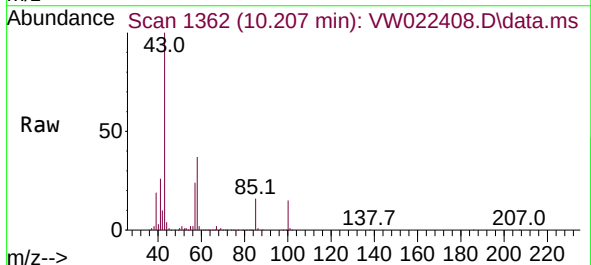
Tgt Ion: 43 Resp: 95883

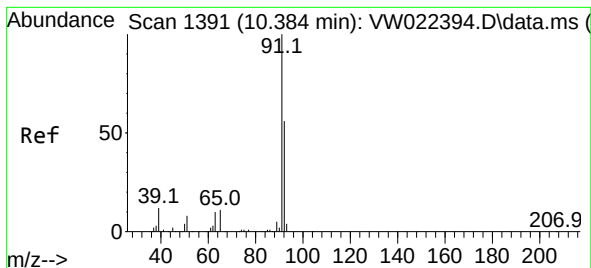
Ion Ratio Lower Upper

43 100

58 37.3 33.2 49.8

100 15.7 16.1 24.1#





#42

Toluene

Concen: 24.644 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

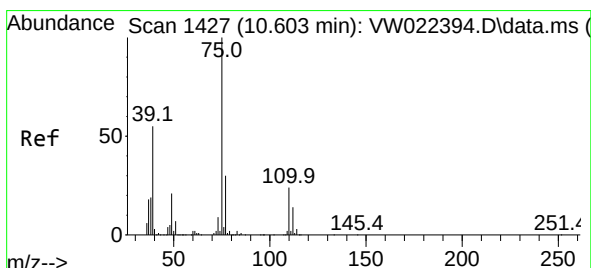
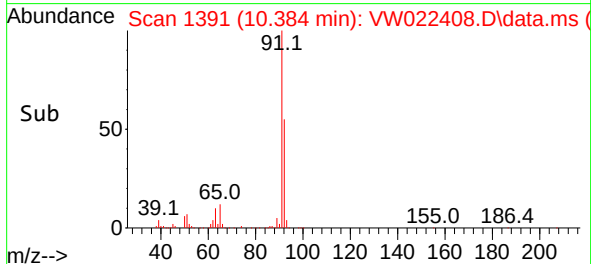
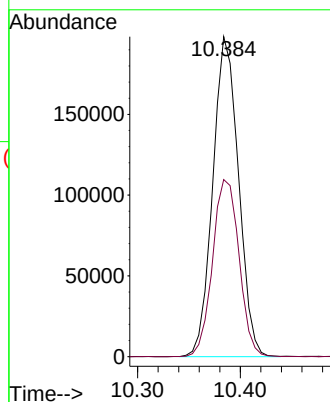
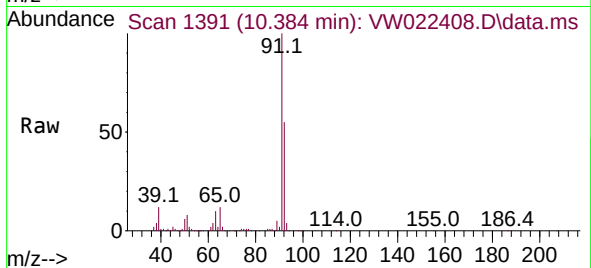
ClientSampleId :

Tgt Ion: 91 Resp: 343674

Ion Ratio Lower Upper

91 100

92 55.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 22.352 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022408.D

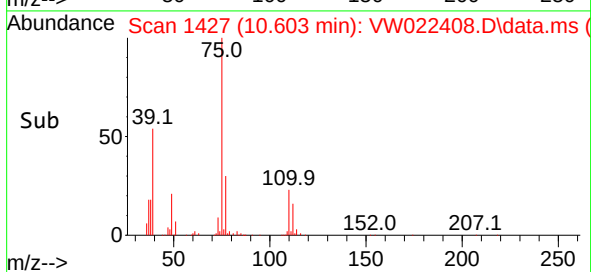
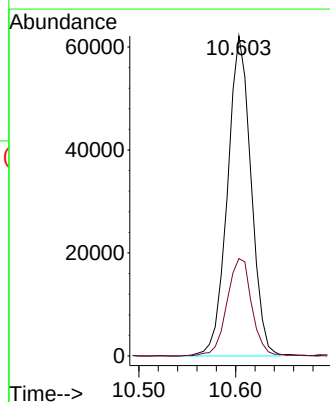
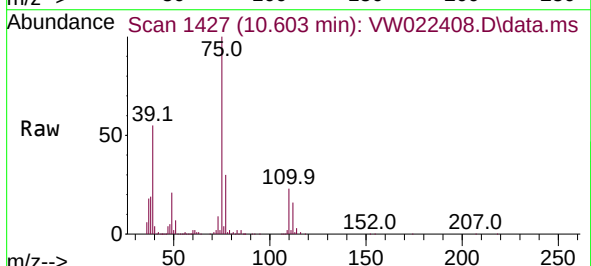
Acq: 05 Apr 2022 20:40

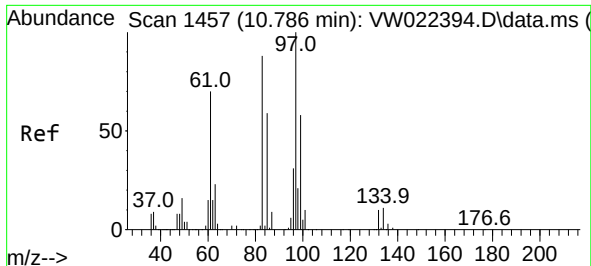
Tgt Ion: 75 Resp: 105171

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8

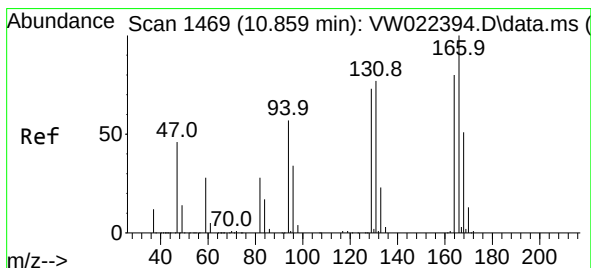
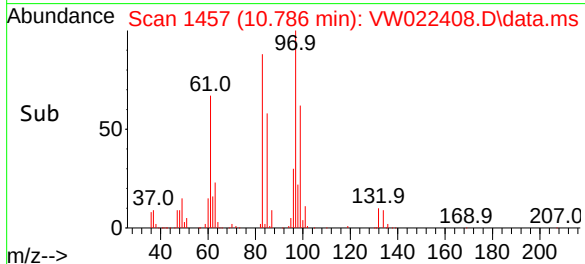
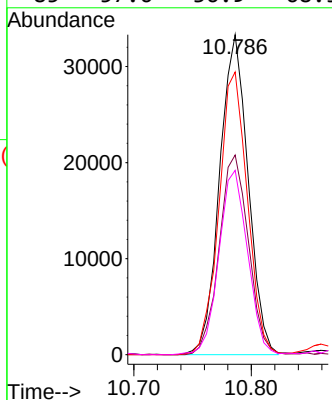
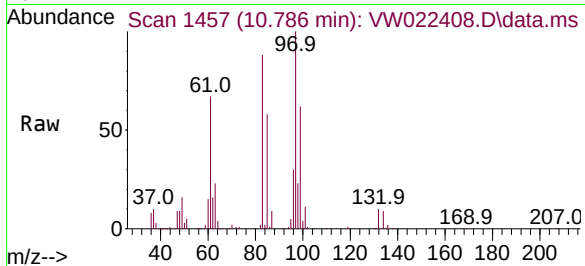




#45
1,1,2-Trichloroethane
Concen: 24.182 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

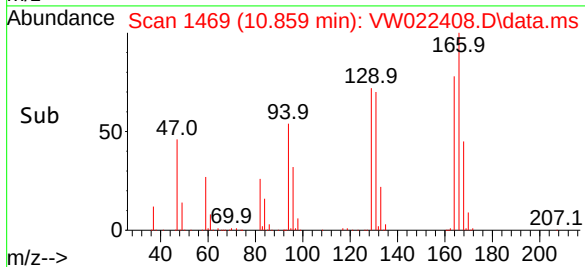
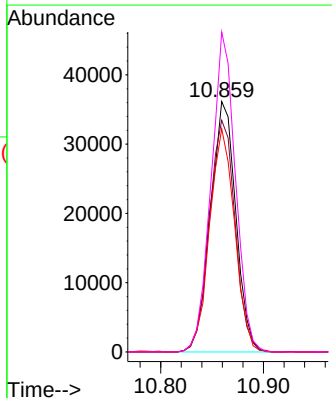
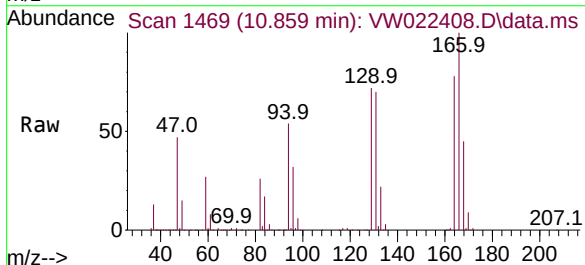
Instrument :
MSVOA_W
ClientSampleId :

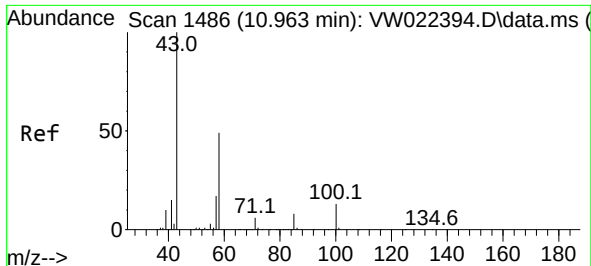
Tgt Ion: 97	Resp: 56194
Ion Ratio	Lower Upper
97 100	
99 62.4	43.5 80.7
83 88.4	53.5 99.3
85 57.6	36.9 68.5



#46
Tetrachloroethene
Concen: 26.652 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt	Ion:164	Resp:	62243
Ion	Ratio	Lower	Upper
164	100		
129	92.5	60.3	111.9
131	89.1	59.9	111.3
166	127.8	77.0	143.0

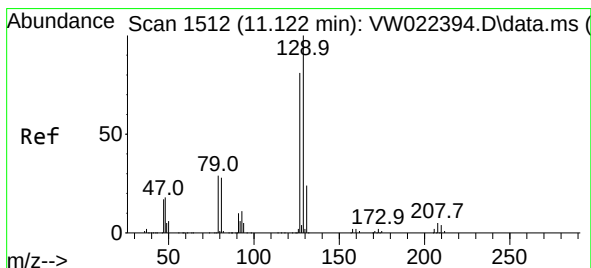
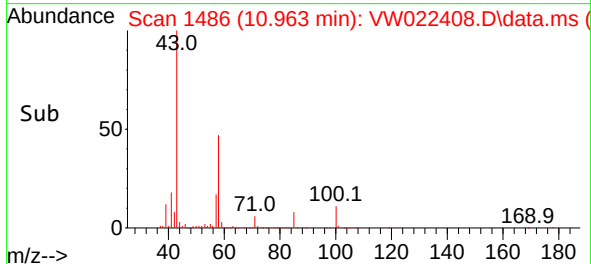
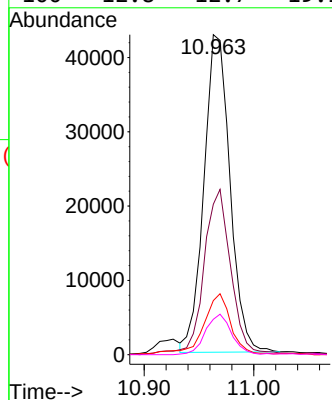
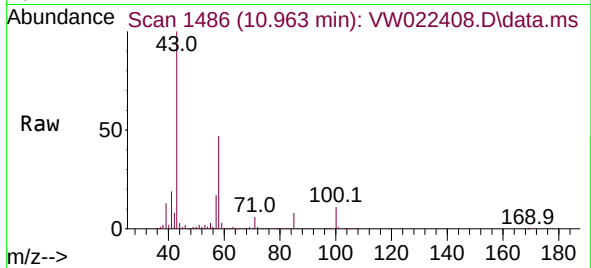




#48
2-Hexanone
Concen: 45.888 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

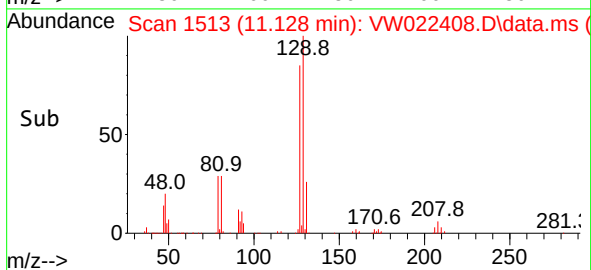
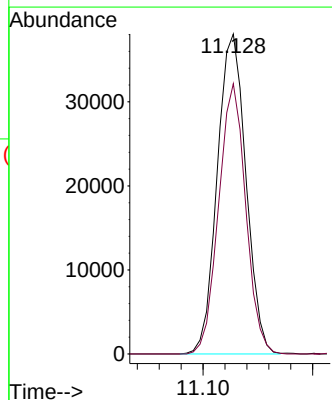
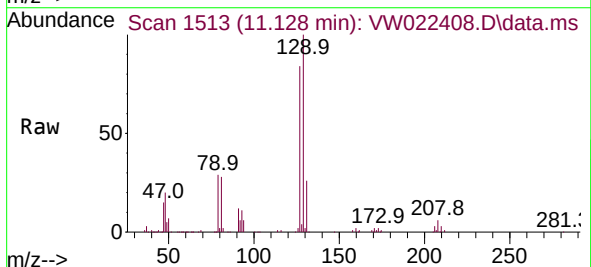
Instrument :
MSVOA_W
ClientSampleId :

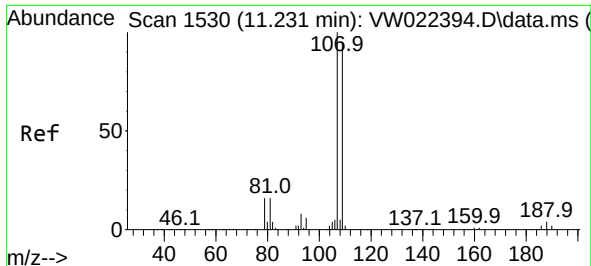
Tgt Ion: 43 Resp: 70780
Ion Ratio Lower Upper
43 100
58 53.1 44.6 66.8
57 20.5 15.8 23.8
100 12.8 12.7 19.1



#49
Dibromochloromethane
Concen: 24.047 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion: 129 Resp: 69178
Ion Ratio Lower Upper
129 100
127 84.5 54.5 101.1





#50

1,2-Dibromoethane

Concen: 24.464 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

ClientSampleId :

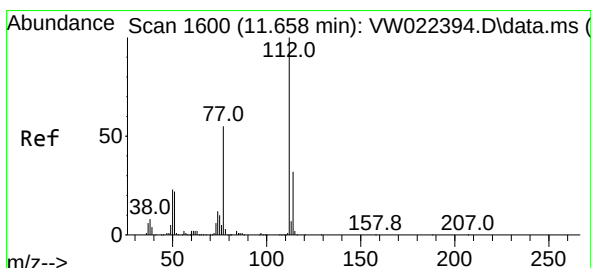
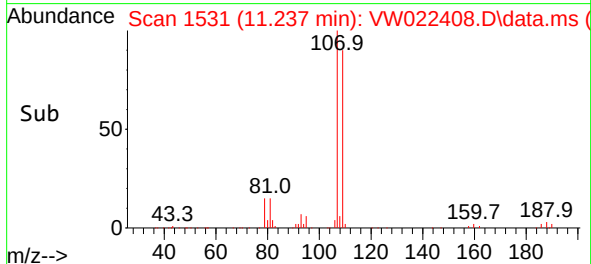
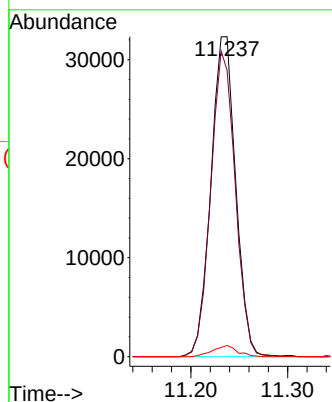
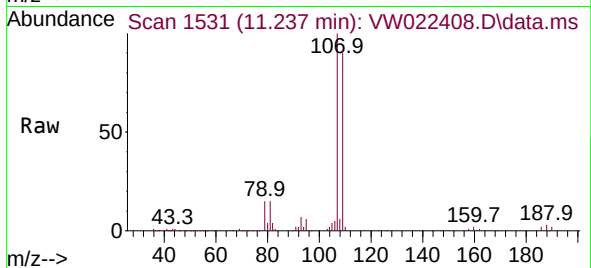
Tgt Ion:107 Resp: 57735

Ion Ratio Lower Upper

107 100

109 89.5 66.8 124.2

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 25.353 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

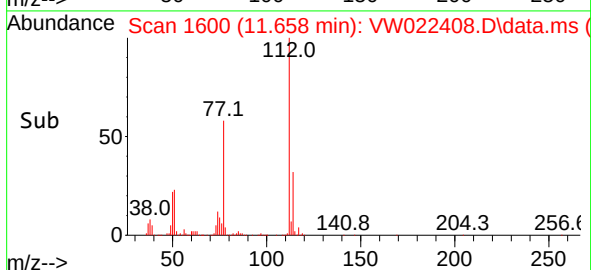
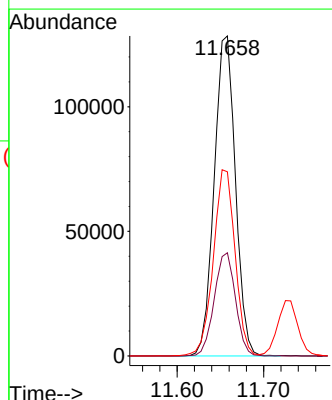
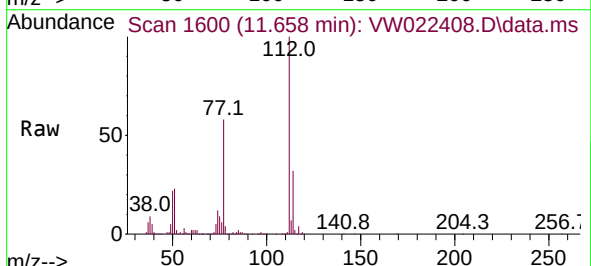
Tgt Ion:112 Resp: 218599

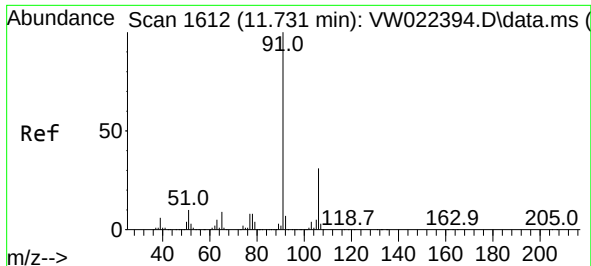
Ion Ratio Lower Upper

112 100

114 32.2 23.0 42.8

77 57.5 41.8 62.6

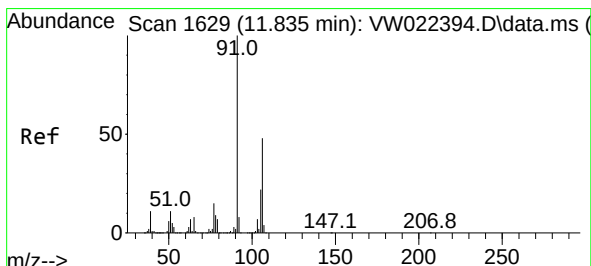
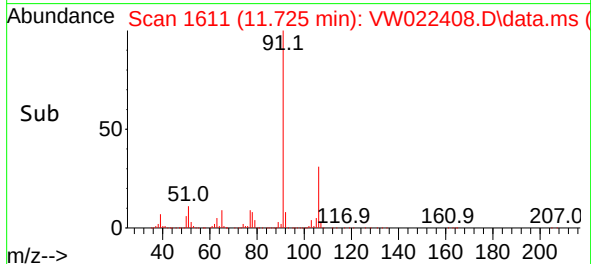
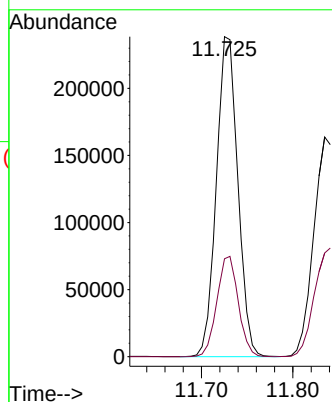
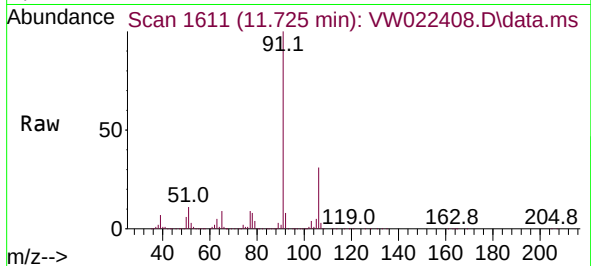




#52
Ethylbenzene
Concen: 25.202 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

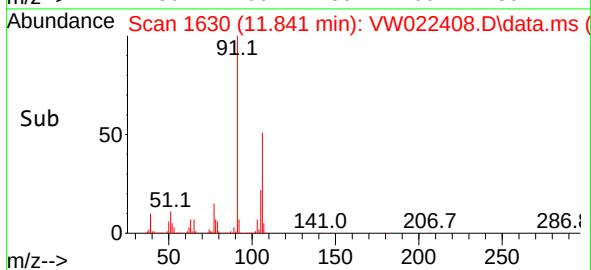
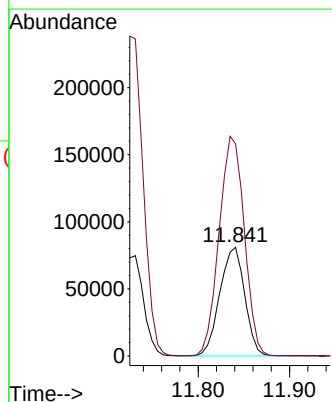
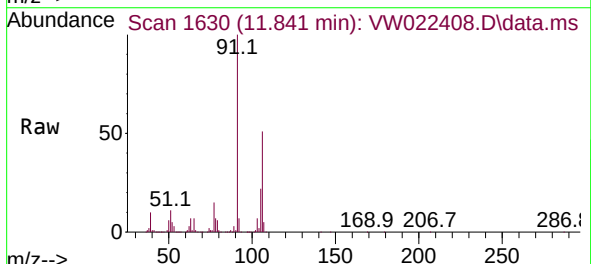
Instrument :
MSVOA_W
ClientSampleId :

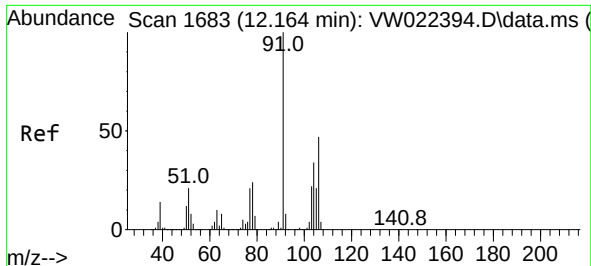
Tgt Ion: 91 Resp: 389812
Ion Ratio Lower Upper
91 100
106 30.6 22.8 42.4



#53
m,p-Xylene
Concen: 26.011 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion:106 Resp: 153561
Ion Ratio Lower Upper
106 100
91 195.0 135.0 250.8

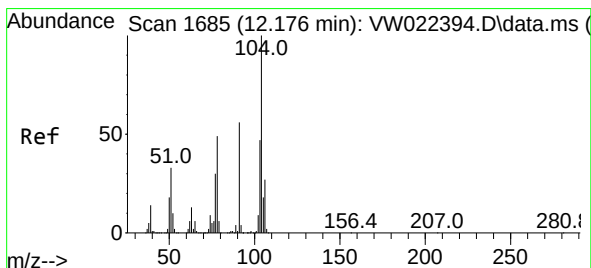
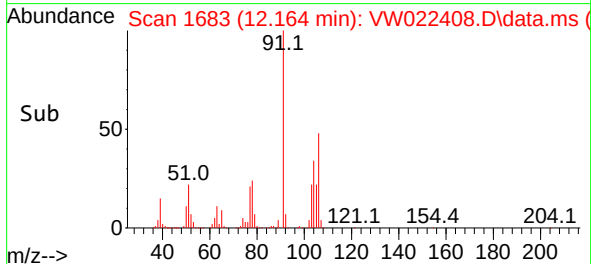
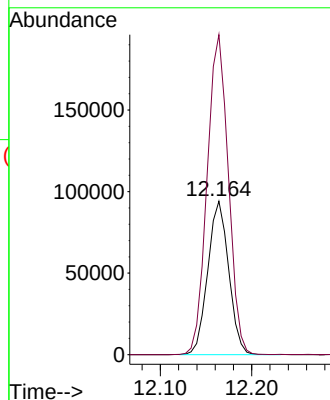
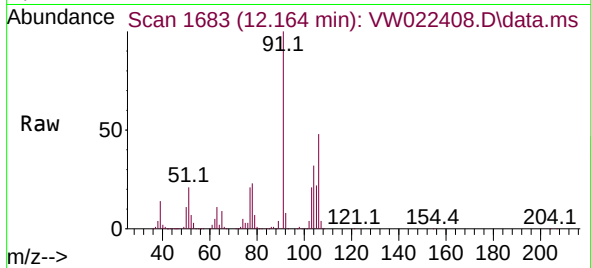




#54
o-Xylene
Concen: 26.160 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

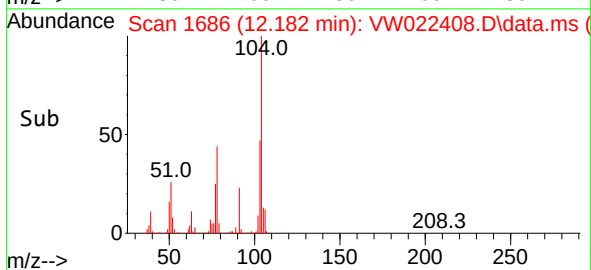
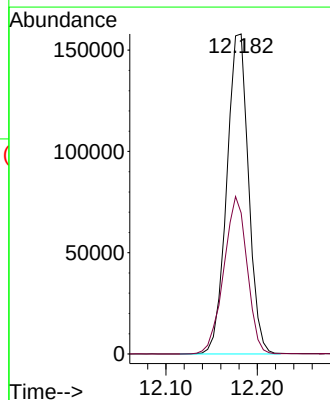
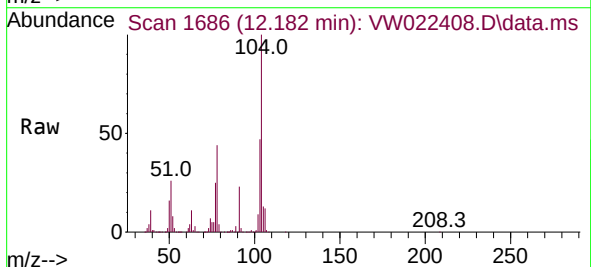
Instrument :
MSVOA_W
ClientSampleId :

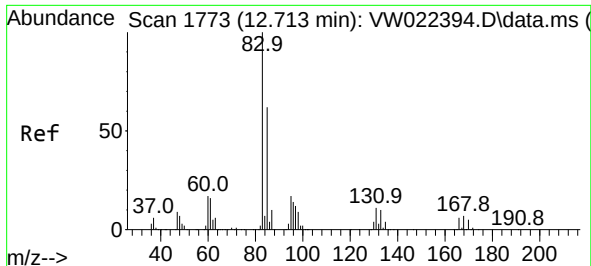
Tgt Ion:106 Resp: 149608
Ion Ratio Lower Upper
106 100
91 208.5 136.9 254.3



#55
Styrene
Concen: 26.345 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion:104 Resp: 261689
Ion Ratio Lower Upper
104 100
78 44.0 27.8 51.6





#57

1,1,2-Tetrachloroethane

Concen: 26.600 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

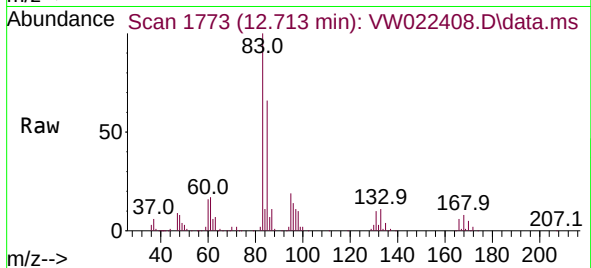
Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

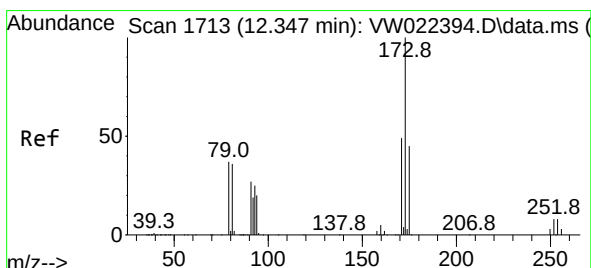
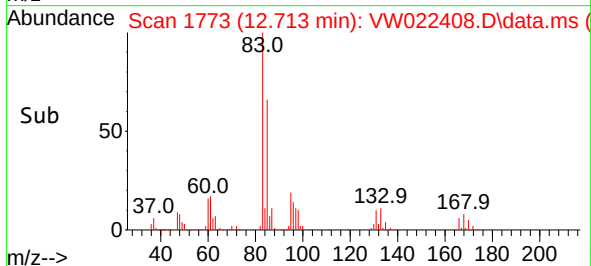
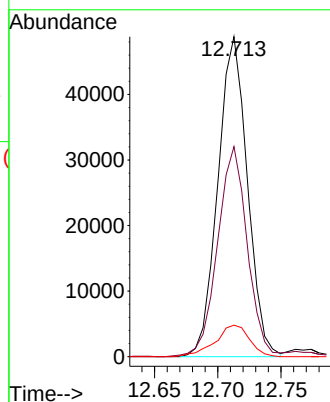
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	83	Resp:	79156
Ion Ratio	Lower	Upper	
83	100		
85	65.7	44.2	82.0
131	9.8	9.4	14.0



#59

Bromoform

Concen: 23.754 ug/L

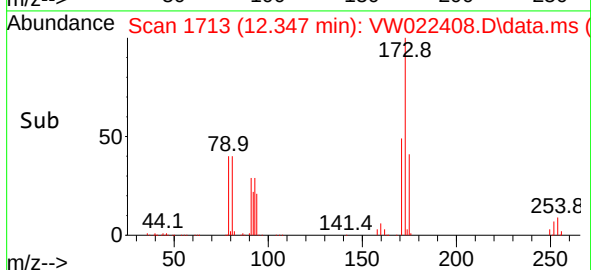
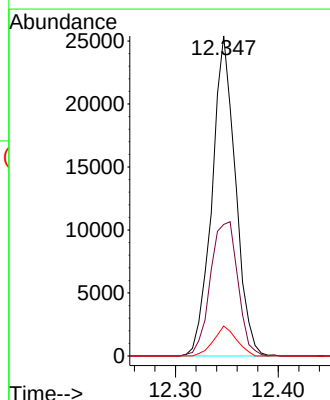
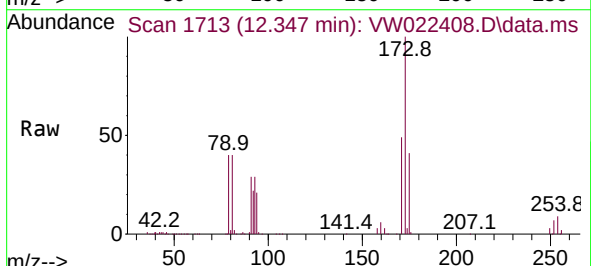
RT: 12.347 min Scan# 1713

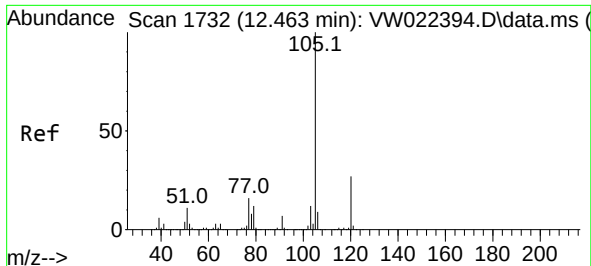
Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

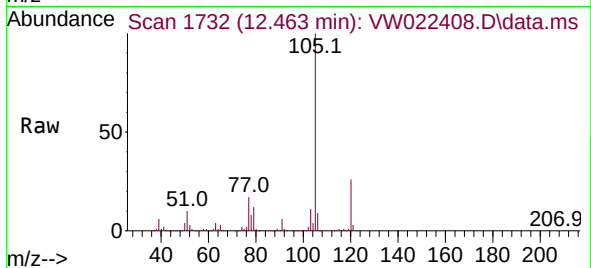
Tgt Ion:	173	Resp:	40328
Ion Ratio	Lower	Upper	
173	100		
175	49.0	38.2	57.4
254	9.1	5.0	7.6#



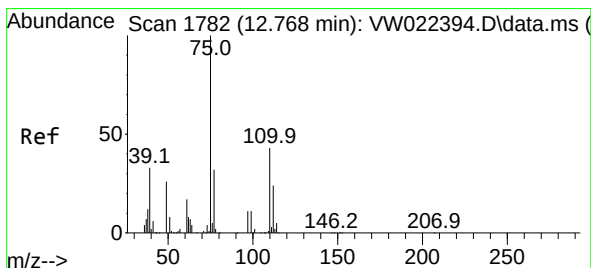
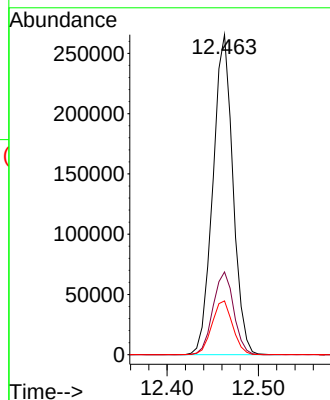
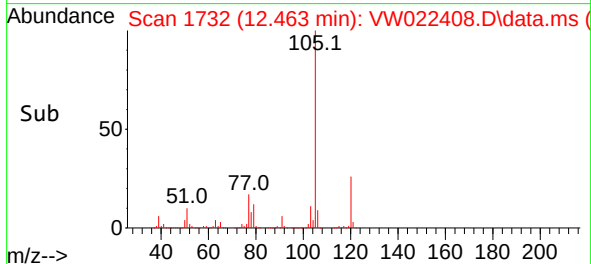


#60
Isopropylbenzene
Concen: 23.565 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

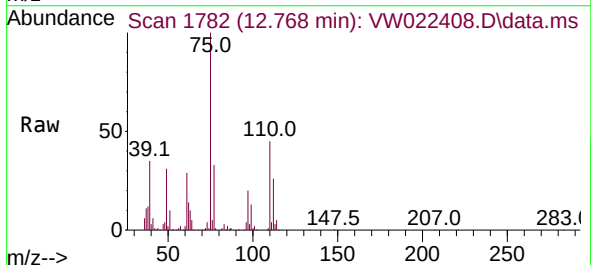
Instrument :
MSVOA_W
ClientSampleId :



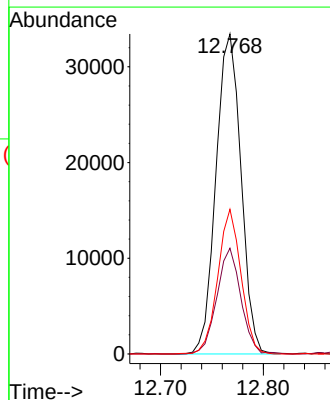
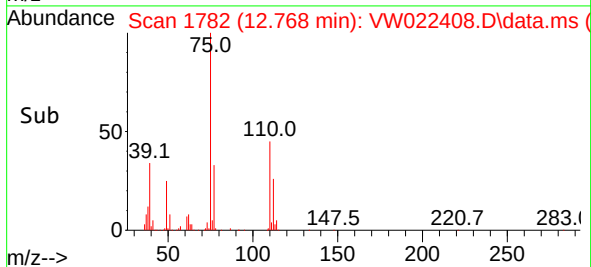
Tgt Ion:105 Resp: 403303
Ion Ratio Lower Upper
105 100
120 26.8 22.1 33.1
77 17.4 12.0 18.0

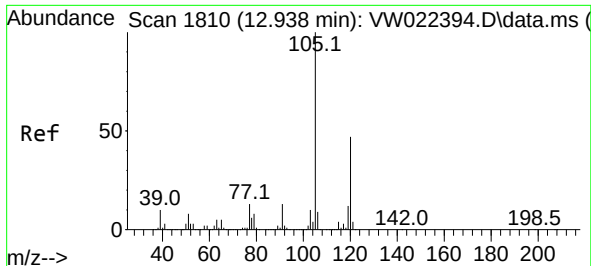


#61
1,2,3-Trichloropropane
Concen: 22.819 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40



Tgt Ion: 75 Resp: 56506
Ion Ratio Lower Upper
75 100
77 31.5 27.1 40.7
110 41.8 36.7 55.1

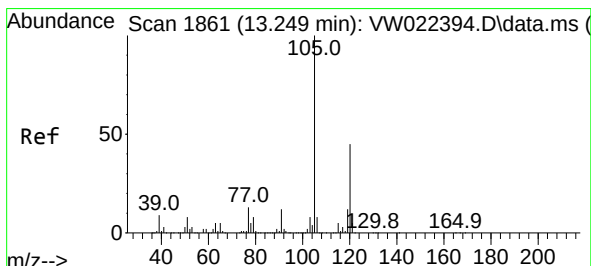
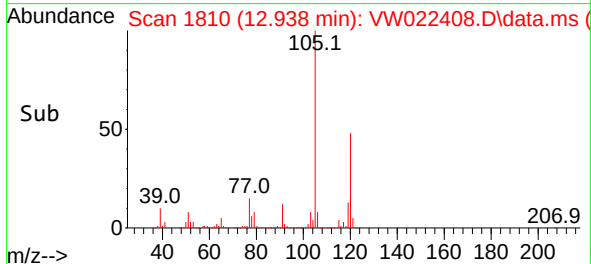
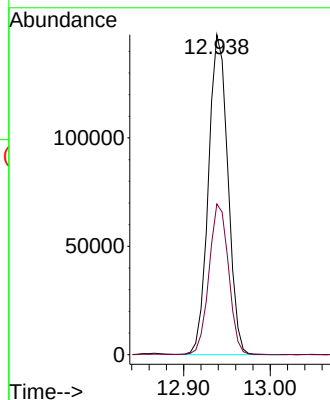
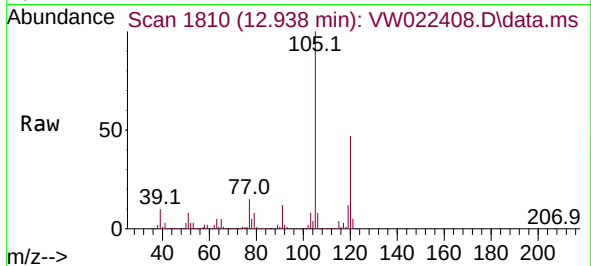




#62
1,3,5-Trimethylbenzene
Concen: 24.111 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

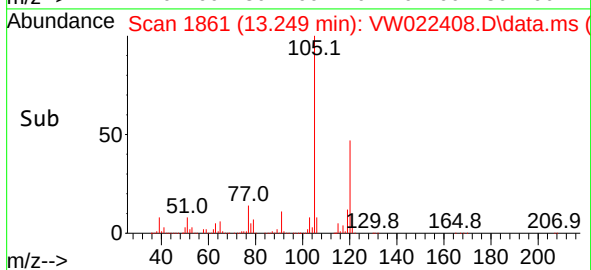
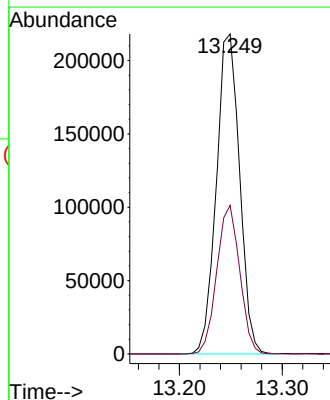
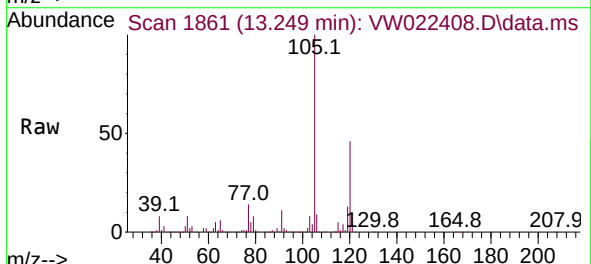
Instrument :
MSVOA_W
ClientSampleId :

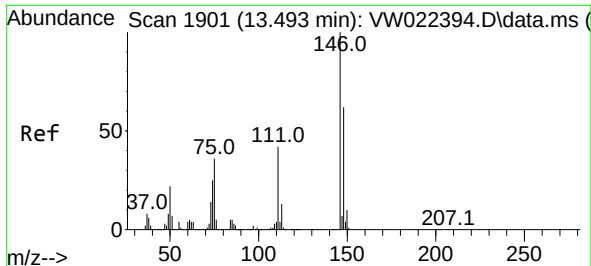
Tgt Ion:105 Resp: 230079
Ion Ratio Lower Upper
105 100
120 47.2 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 23.886 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion:105 Resp: 342097
Ion Ratio Lower Upper
105 100
120 45.8 39.2 58.8

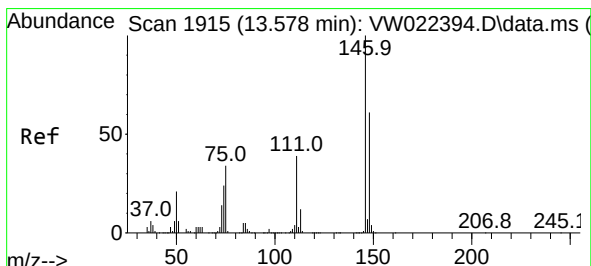
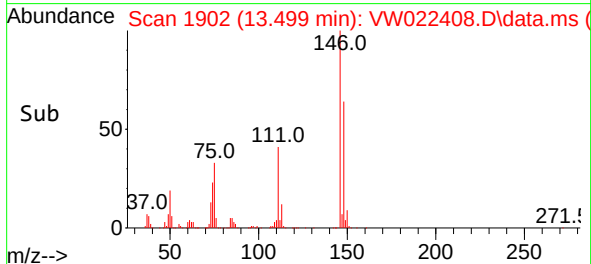
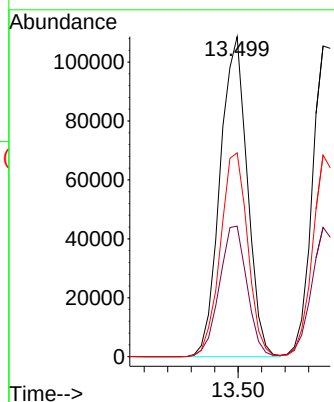
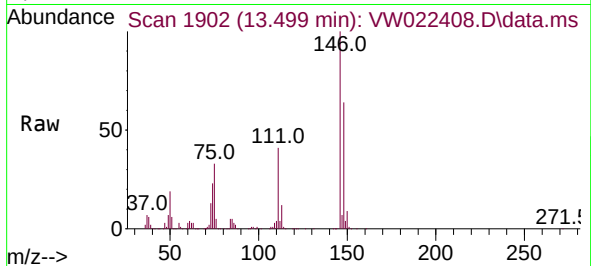




#64
1,3-Dichlorobenzene
Concen: 25.724 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

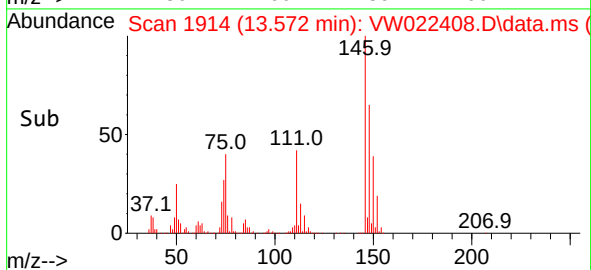
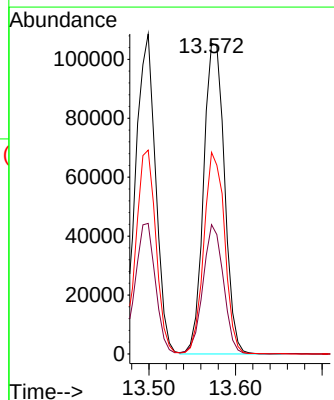
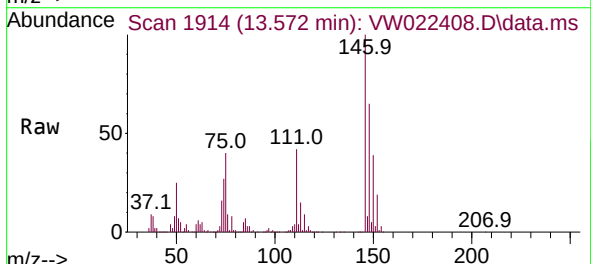
Instrument :
MSVOA_W
ClientSampleId :

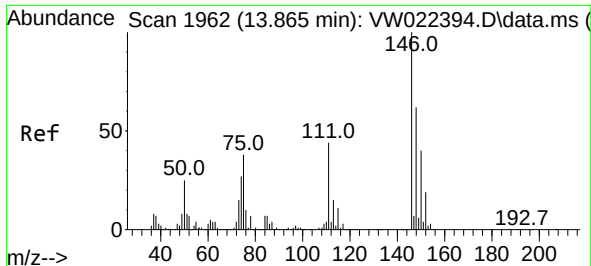
Tgt Ion:146 Resp: 174492
Ion Ratio Lower Upper
146 100
111 40.8 26.9 49.9
148 63.7 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.856 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022408.D
Acq: 05 Apr 2022 20:40

Tgt Ion:146 Resp: 176928
Ion Ratio Lower Upper
146 100
111 41.6 27.5 51.1
148 64.9 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.107 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

ClientSampleId :

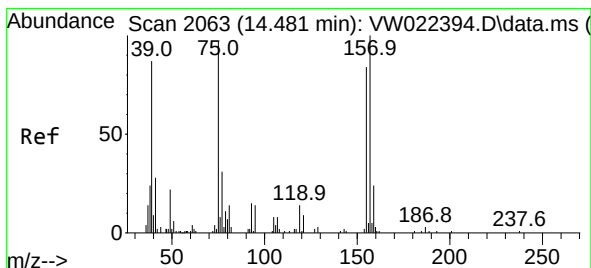
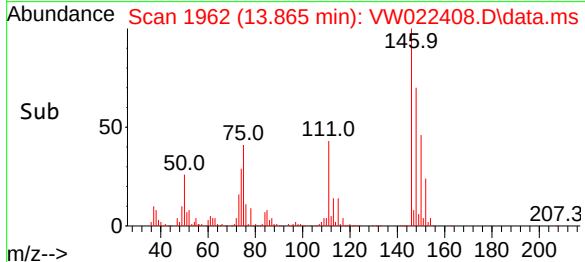
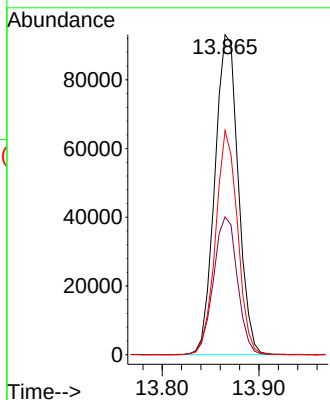
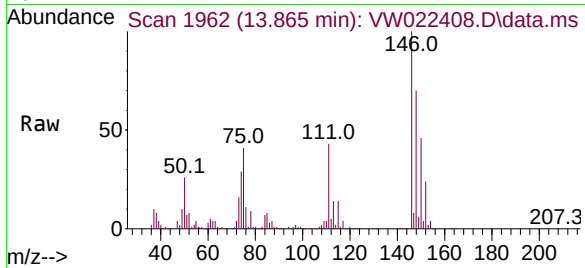
Tgt Ion:146 Resp: 156682

Ion Ratio Lower Upper

146 100

111 43.0 34.8 52.2

148 70.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.840 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

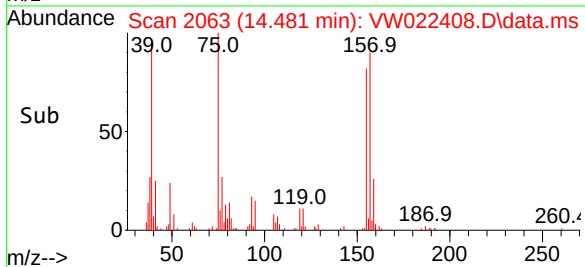
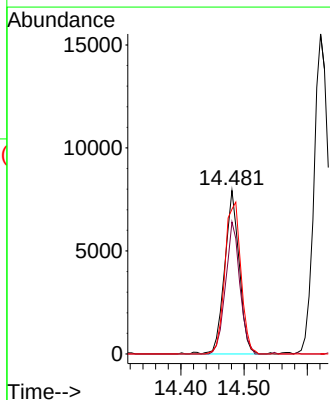
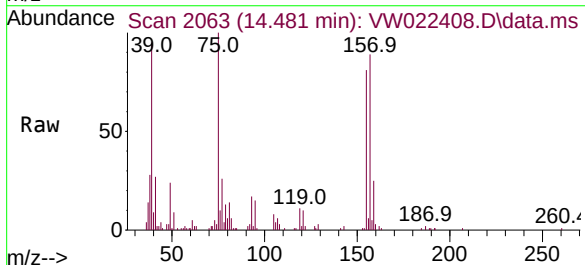
Tgt Ion: 75 Resp: 12661

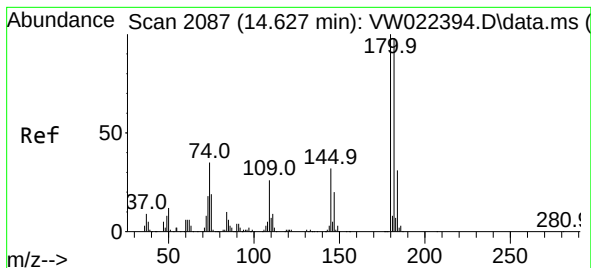
Ion Ratio Lower Upper

75 100

155 80.7 58.2 87.2

157 88.6 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 26.332 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

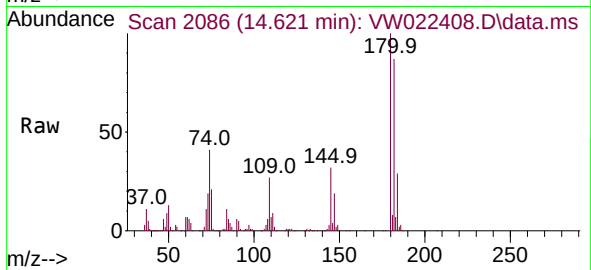
Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 120976

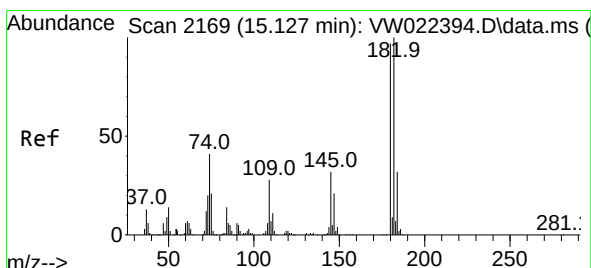
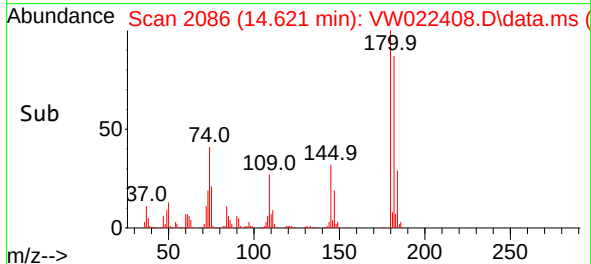
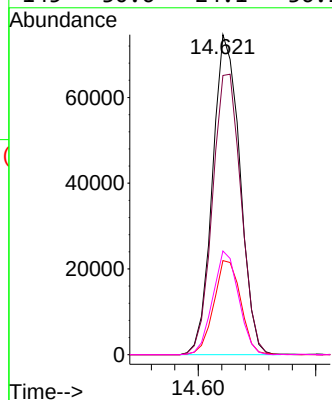
Ion Ratio Lower Upper

180 100

182 91.2 69.4 104.0

184 29.0 21.8 32.8

145 30.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 26.235 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

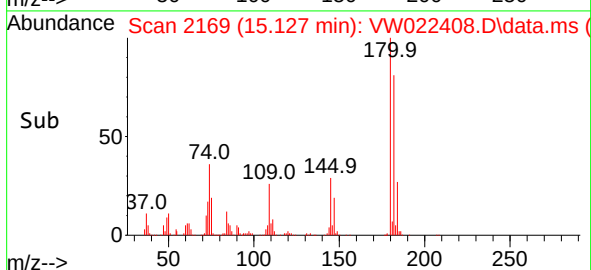
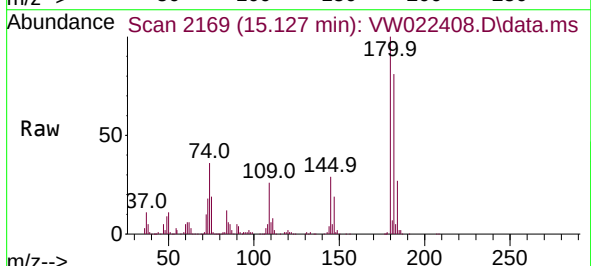
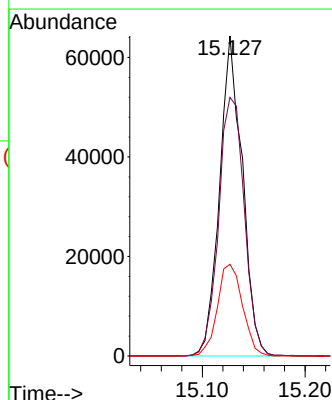
Tgt Ion:180 Resp: 98822

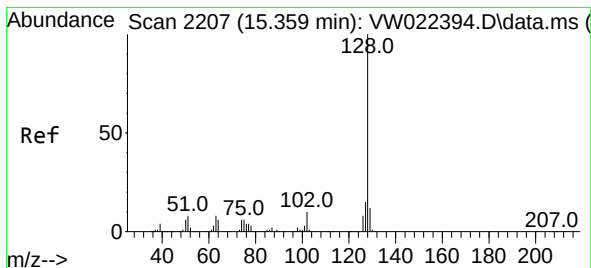
Ion Ratio Lower Upper

180 100

182 91.3 77.8 116.6

145 31.7 25.8 38.6





#71

Naphthalene

Concen: 24.276 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min MSVOA_W

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Instrument :

MSVOA_W

ClientSampleId :

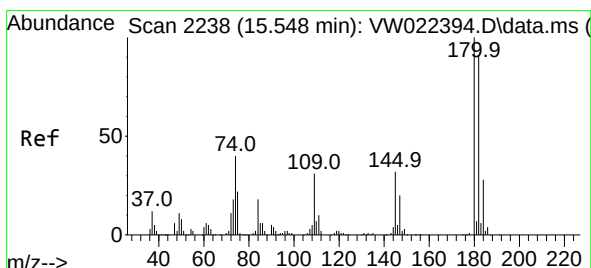
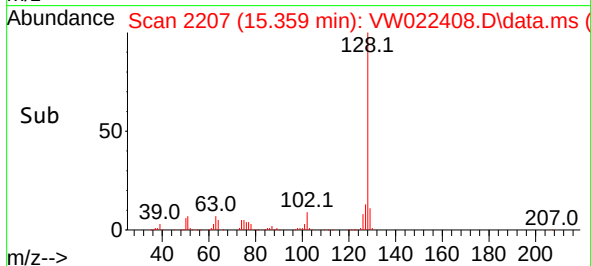
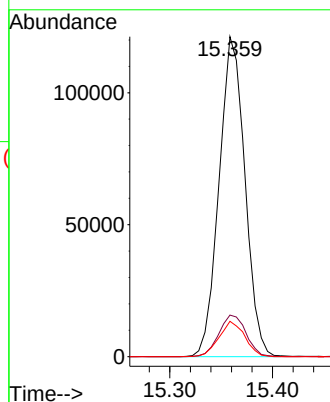
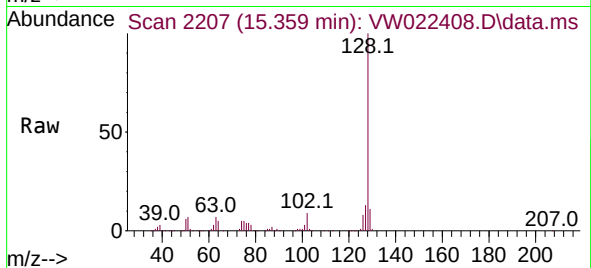
Tgt Ion:128 Resp: 211980

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.6

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.752 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022408.D

Acq: 05 Apr 2022 20:40

Tgt Ion:180 Resp: 88262

Ion Ratio Lower Upper

180 100

182 89.8 79.0 118.4

145 33.8 28.0 42.0

