

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026438.D
 Acq On : 29 Jun 2023 17:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Jun 30 01:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:06:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	823697	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	705442	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	352496	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	246869	26.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.280%
7) Chloroethane-d5	2.893	69	186628	24.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	4.027	65	116535	24.834	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.320%
21) 2-Butanone-d5	7.075	46	164523	46.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.840%
24) Chloroform-d	7.648	84	488152	24.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.240%
26) 1,2-Dichloroethane-d4	8.307	65	262736	23.942	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.276	84	1007027	24.545	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	9.270	67	322213	24.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.325	98	889295	24.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.575	79	128190	24.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.280%
47) 2-Hexanone-d5	10.922	63	110114	50.354	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249318	24.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	13.854	152	268878	21.906	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	205752	25.598	ug/L	# 80
3) Chloromethane	2.228	50	337137	29.756	ug/L	99
5) Vinyl chloride	2.381	62	324639	27.801	ug/L	100
6) Bromomethane	2.789	94	177993	26.803	ug/L	97
8) Chloroethane	2.930	64	189377	26.740	ug/L	99
9) Trichlorofluoromethane	3.265	101	242581	28.569	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	264563	28.072	ug/L	99
12) 1,1-Dichloroethene	4.051	96	256701	27.829	ug/L	87
13) Acetone	4.118	43	116409	46.493	ug/L	100
14) Carbon disulfide	4.393	76	847544	28.391	ug/L	99
15) Methyl Acetate	4.667	43	153514	28.237	ug/L	98
16) Methylene chloride	4.923	84	300680	21.603	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	277325	27.949	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	457131	28.191	ug/L	99
19) 1,1-Dichloroethane	6.216	63	563319	28.214	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	307798	27.387	ug/L	98
22) 2-Butanone	7.167	43	202682	49.374	ug/L	97
23) Bromochloromethane	7.514	128	123102	26.336	ug/L	96
25) Chloroform	7.679	83	513651	26.506	ug/L	99

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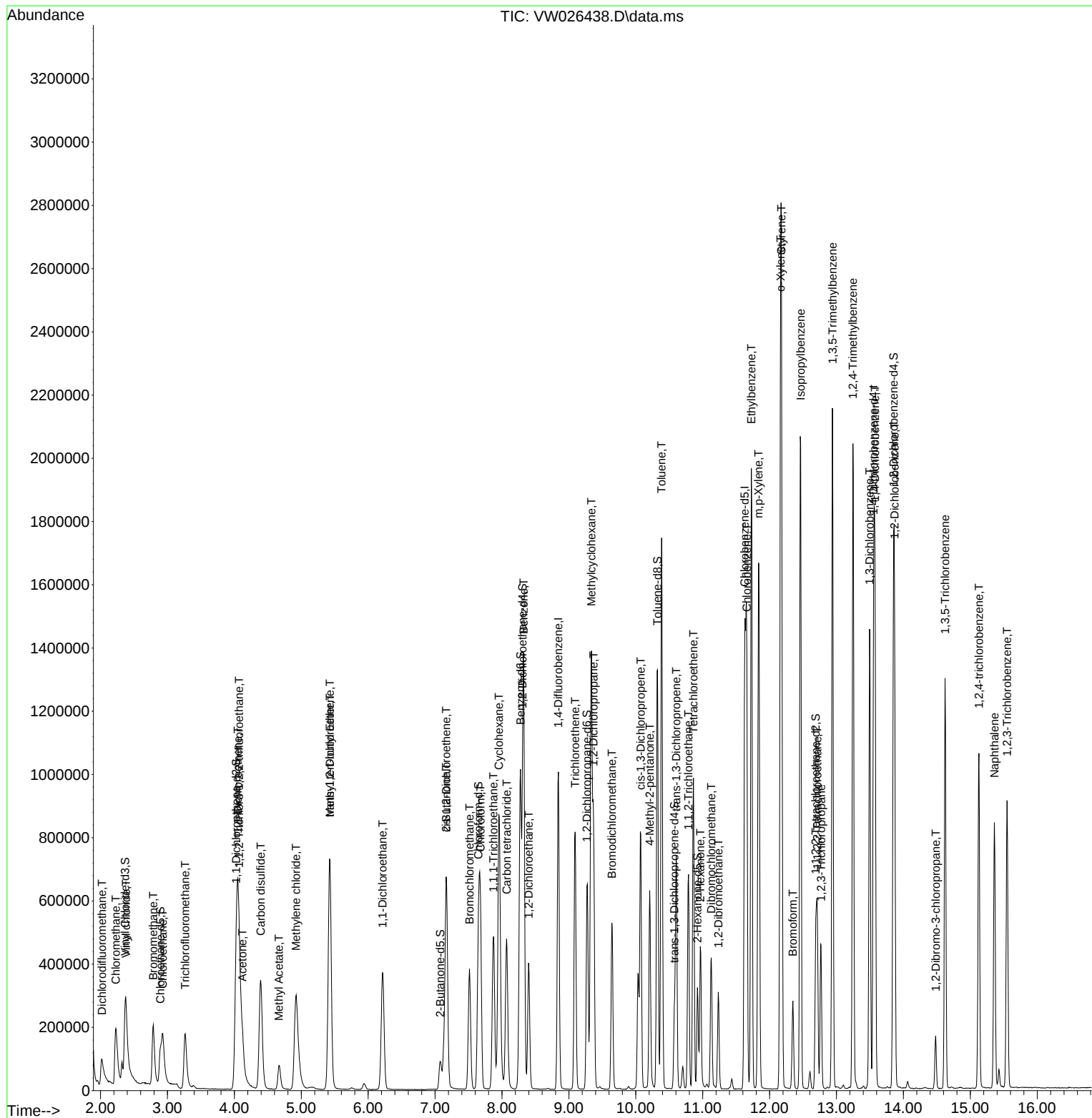
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	352142	26.576	ug/L	97
29) Cyclohexane	7.953	56	559085	27.957	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	399208	26.565	ug/L	99
31) Carbon tetrachloride	8.069	117	367325	27.150	ug/L	99
33) Benzene	8.325	78	1186917	26.868	ug/L	100
34) Trichloroethene	9.093	95	302727	26.901	ug/L	95
35) Methylcyclohexane	9.337	83	558584	27.862	ug/L	99
37) 1,2-Dichloropropane	9.367	63	320117	27.296	ug/L	99
38) Bromodichloromethane	9.642	83	358252	27.217	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	488661	27.839	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	438919	54.510	ug/L	99
42) Toluene	10.386	91	1218504	26.960	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	399585	27.854	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	211934	26.529	ug/L	97
46) Tetrachloroethene	10.861	164	210562	26.465	ug/L	96
48) 2-Hexanone	10.965	43	309325	57.233	ug/L	100
49) Dibromochloromethane	11.129	129	221419	27.827	ug/L	99
50) 1,2-Dibromoethane	11.233	107	202531	27.570	ug/L	94
51) Chlorobenzene	11.660	112	742229	26.542	ug/L	100
52) Ethylbenzene	11.727	91	1383343	27.200	ug/L	100
53) m,p-Xylene	11.836	106	516601	27.393	ug/L	98
54) o-Xylene	12.166	106	485300	27.746	ug/L	91
55) Styrene	12.178	104	833574	27.920	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	267430	27.415	ug/L	98
59) Bromoform	12.349	173	126962	27.202	ug/L	99
60) Isopropylbenzene	12.464	105	1332102	25.909	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	197527	25.638	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1109980	27.149	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1089878	27.287	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	563620	26.128	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	551829	25.721	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	492216	25.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	44826	25.390	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	367282	25.011	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	311042	24.473	ug/L	96
71) Naphthalene	15.360	128	702181	27.104	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	280394	25.654	ug/L	98

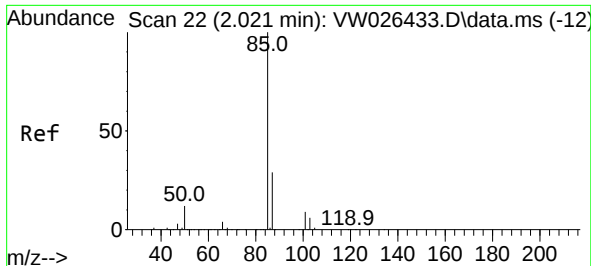
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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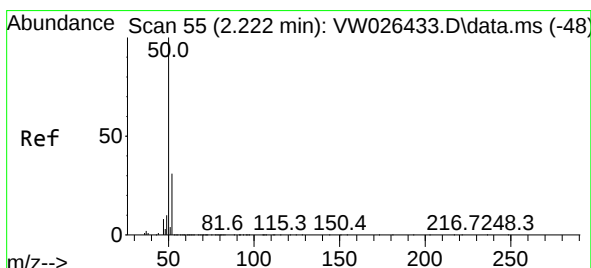
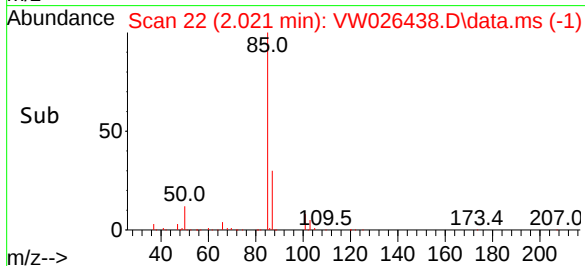
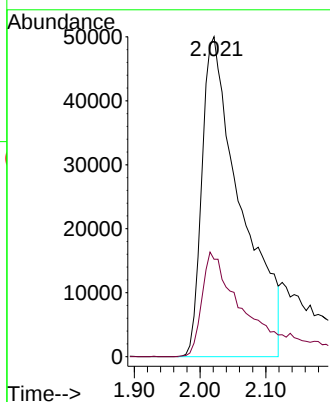
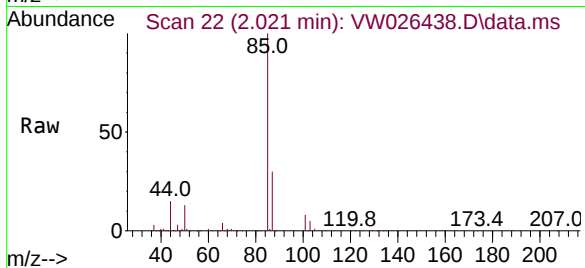




#2
 Dichlorodifluoromethane
 Concen: 25.598 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026438.D
 Acq: 29 Jun 2023 17:09

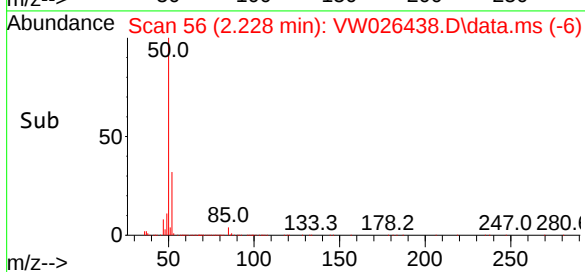
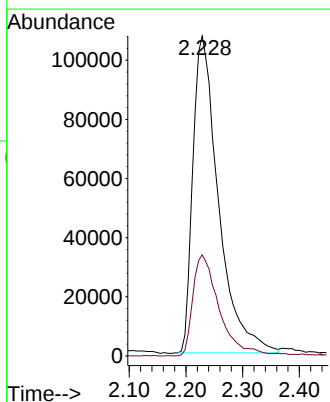
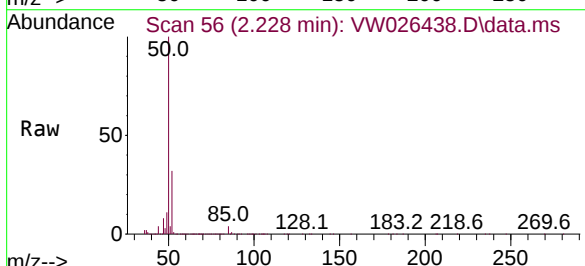
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 ClientSampleId :
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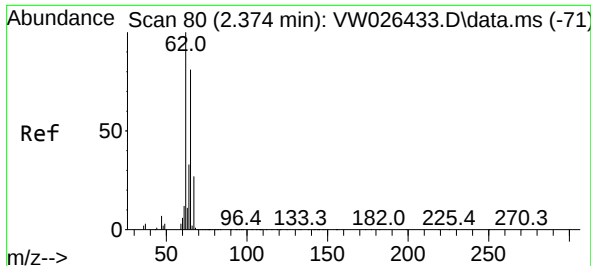
Tgt Ion: 85 Resp: 205752
 Ion Ratio Lower Upper
 85 100
 87 33.5 19.0 28.4#



#3
 Chloromethane
 Concen: 29.756 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026438.D
 Acq: 29 Jun 2023 17:09

Tgt Ion: 50 Resp: 337137
 Ion Ratio Lower Upper
 50 100
 52 31.6 21.7 40.3

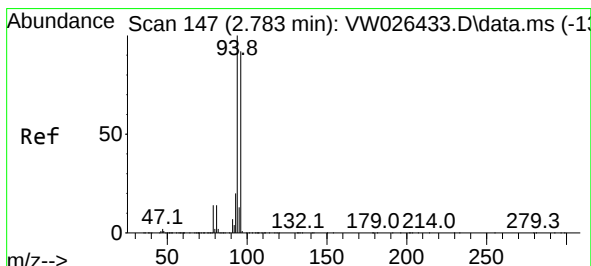
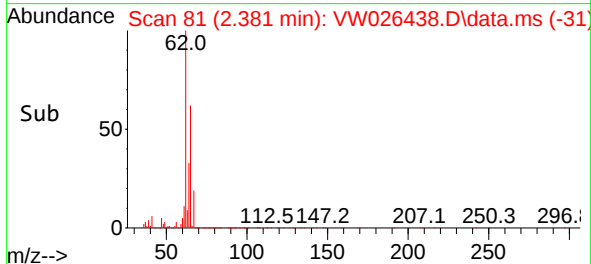
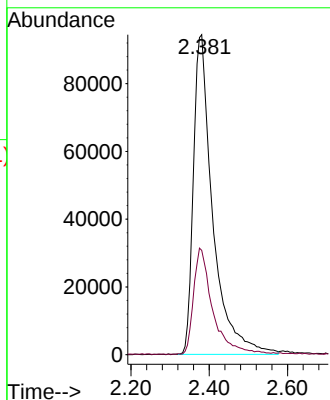
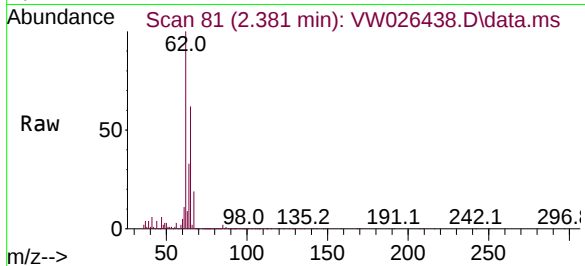




#5
 Vinyl chloride
 Concen: 27.801 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026438.D
 Acq: 29 Jun 2023 17:09

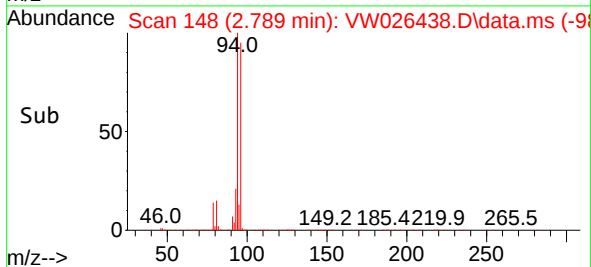
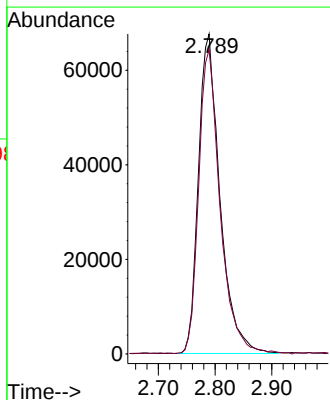
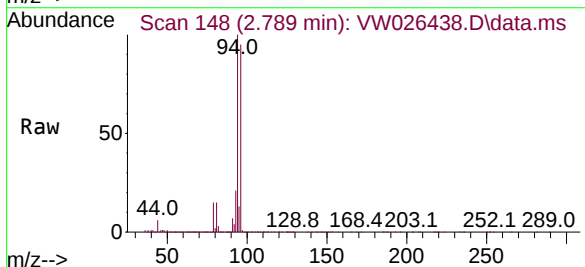
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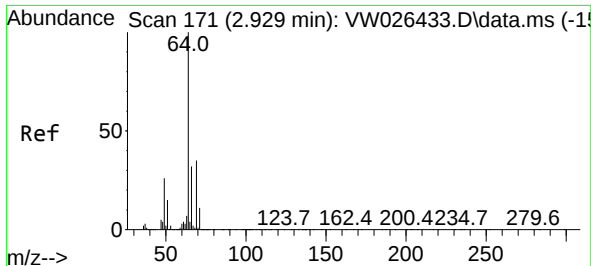
Tgt Ion: 62 Resp: 324639
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8



#6
 Bromomethane
 Concen: 26.803 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026438.D
 Acq: 29 Jun 2023 17:09

Tgt Ion: 94 Resp: 177993
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.3 119.3

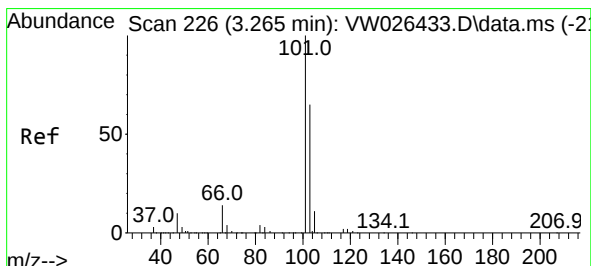
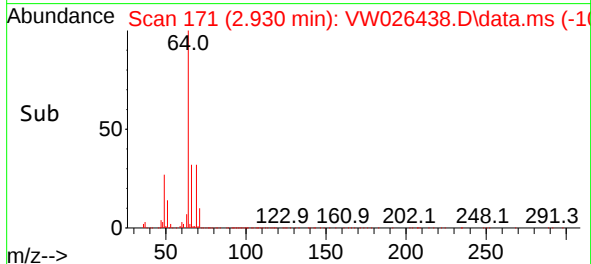
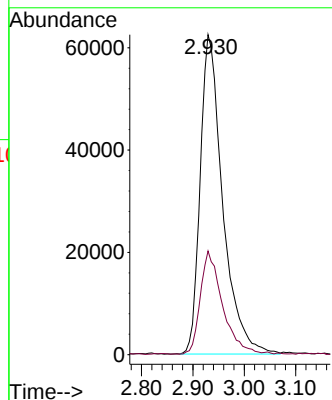
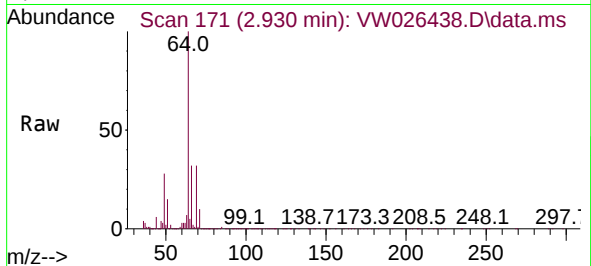




#8
Chloroethane
Concen: 26.740 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

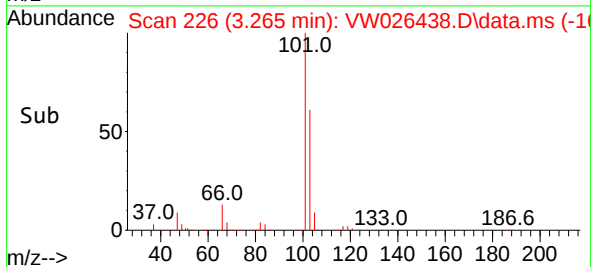
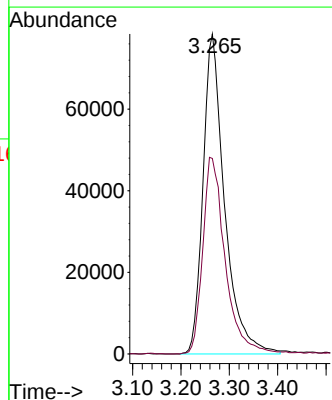
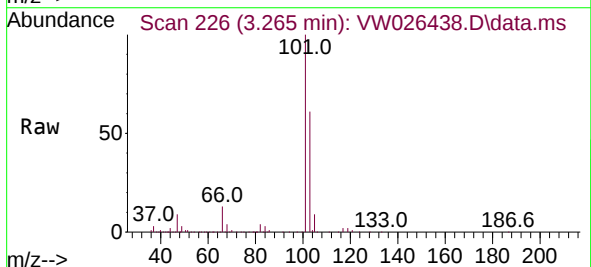
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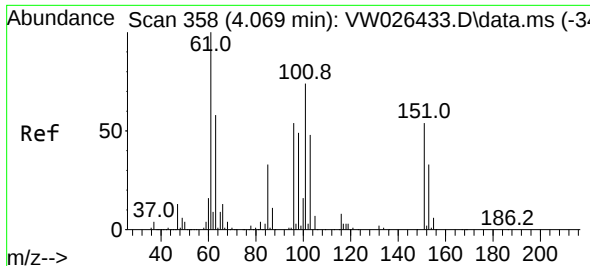
Tgt Ion: 64 Resp: 189377
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 28.569 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion:101 Resp: 242581
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

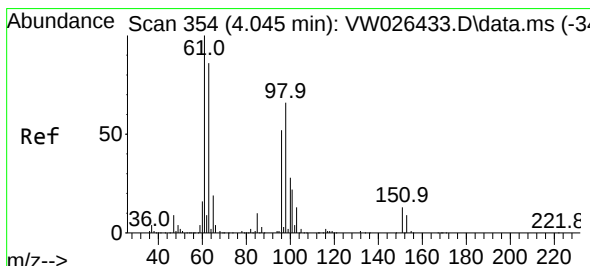
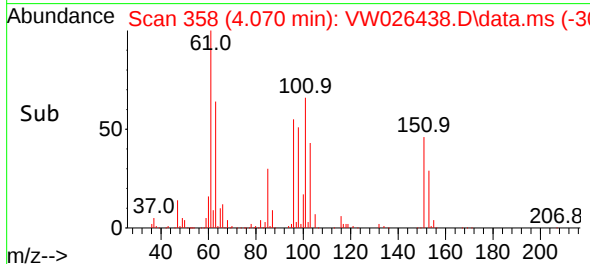
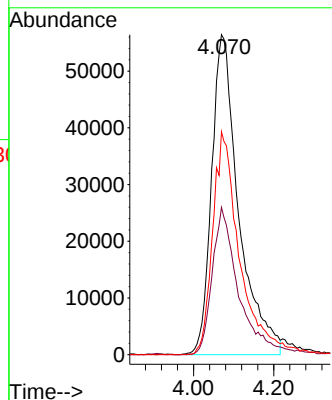
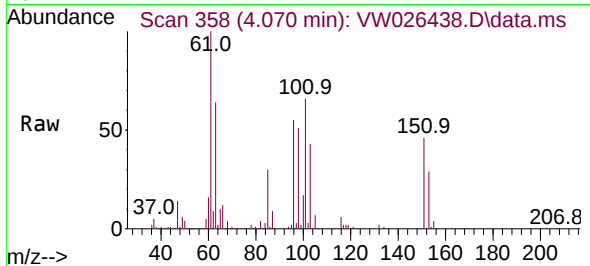




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.072 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026438.D
 Acq: 29 Jun 2023 17:09

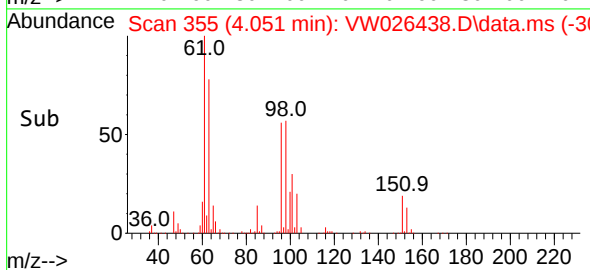
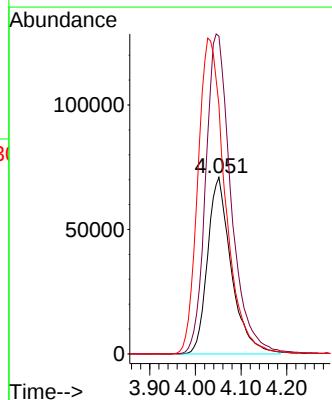
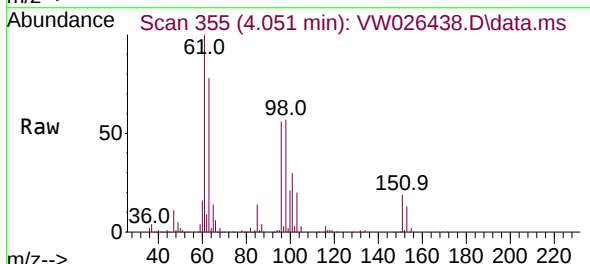
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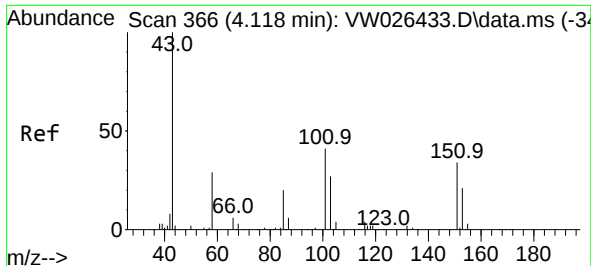
Tgt Ion:101 Resp: 264563
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.1 51.1
 151 67.7 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 27.829 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026438.D
 Acq: 29 Jun 2023 17:09

Tgt Ion: 96 Resp: 256701
 Ion Ratio Lower Upper
 96 100
 61 179.9 134.0 248.8
 63 141.0 117.1 217.5

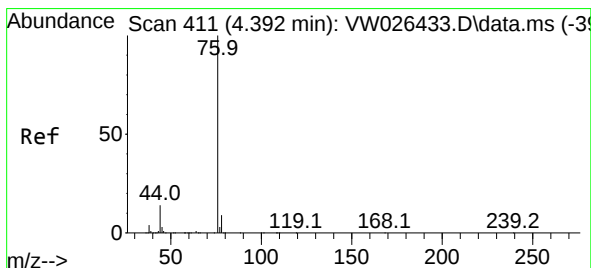
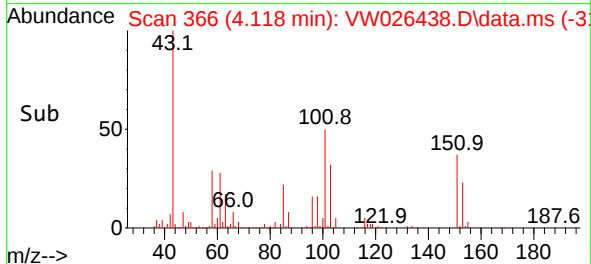
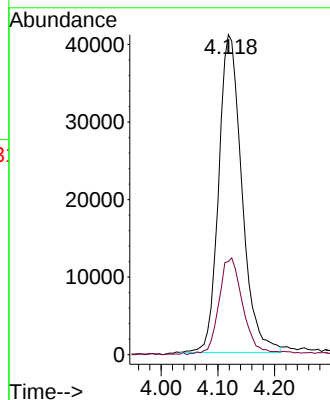
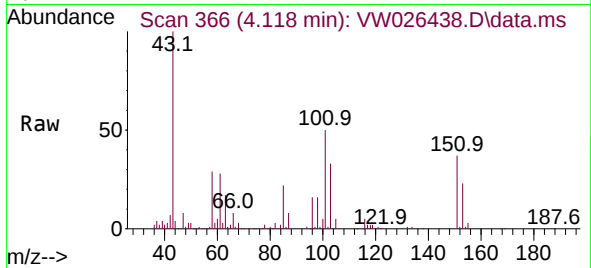




#13
Acetone
Concen: 46.493 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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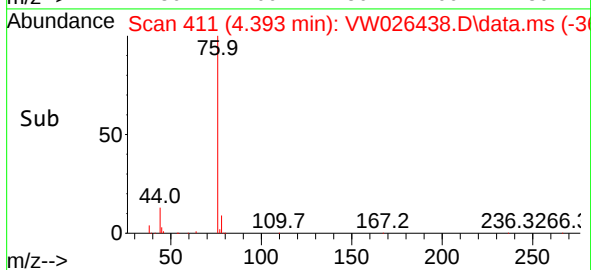
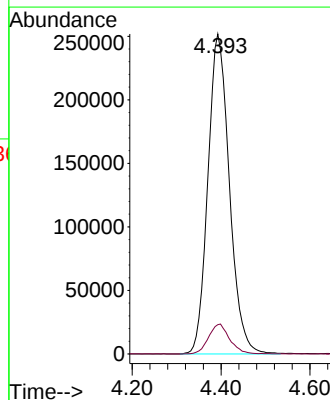
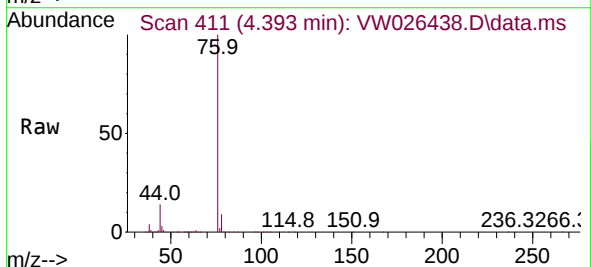
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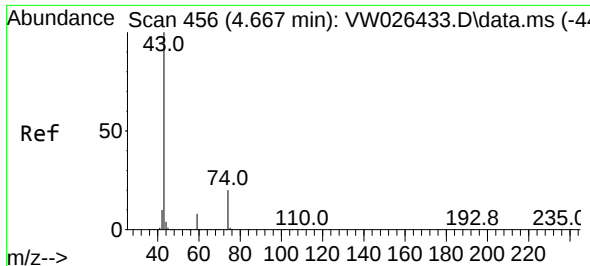
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Ion Ratio Lower Upper
43 100
58 31.3 0.0 63.2



#14
Carbon disulfide
Concen: 28.391 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 76 Resp: 847544
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

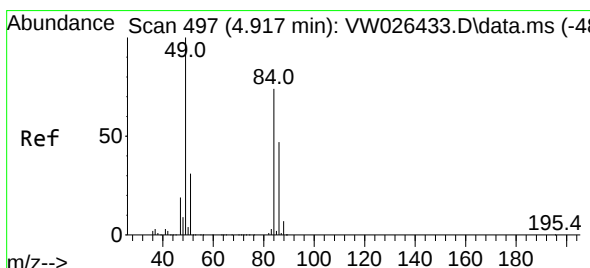
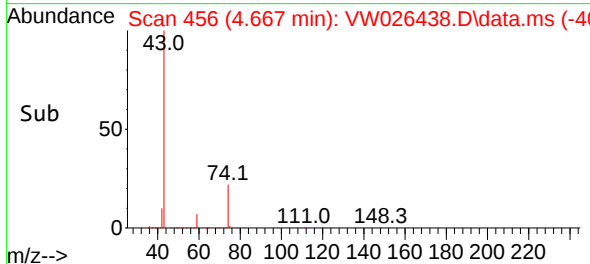
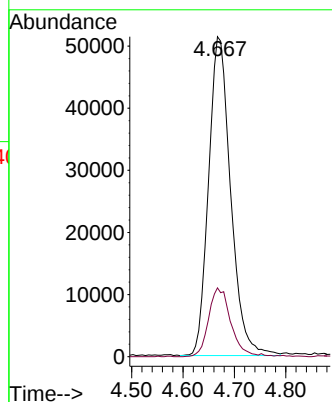
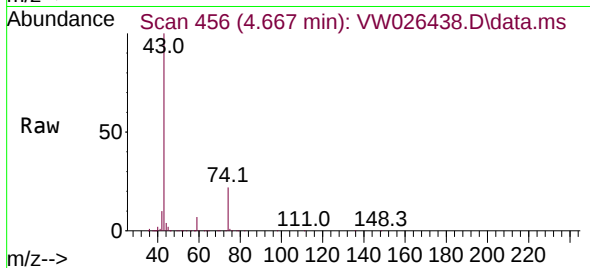




#15
Methyl Acetate
Concen: 28.237 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

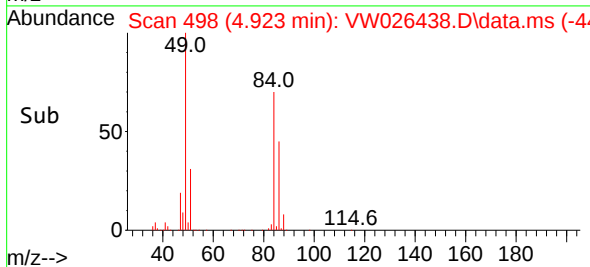
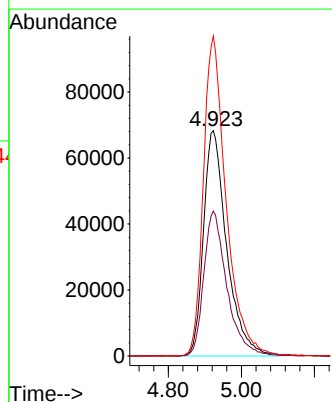
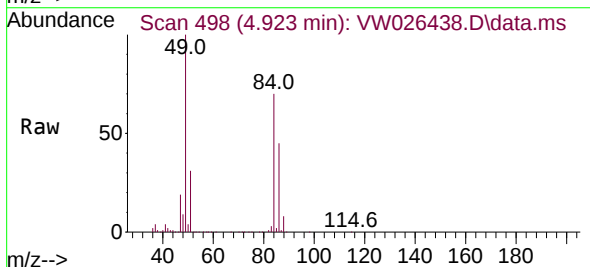
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

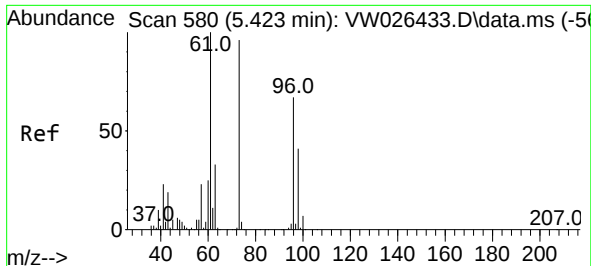
Tgt Ion: 43 Resp: 153514
Ion Ratio Lower Upper
43 100
74 21.5 16.6 24.8



#16
Methylene chloride
Concen: 21.603 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 84 Resp: 300680
Ion Ratio Lower Upper
84 100
86 64.3 44.1 81.9
49 142.0 94.1 174.8

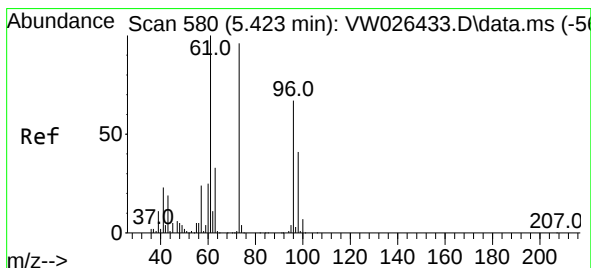
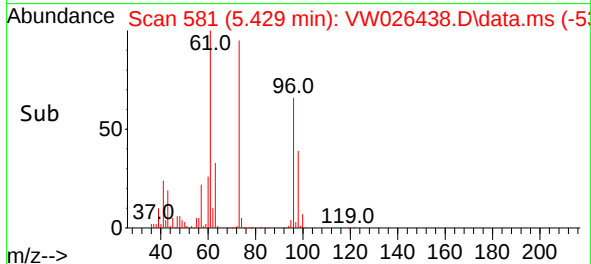
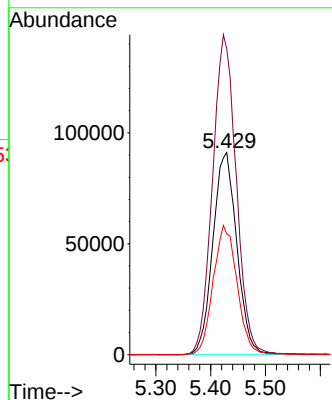
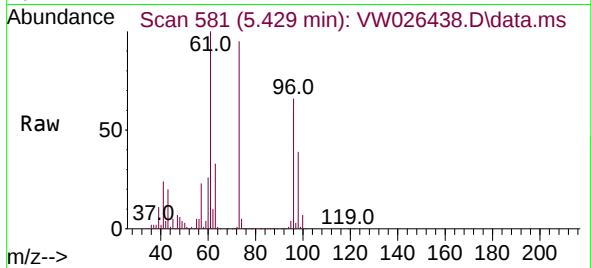




#17
trans-1,2-Dichloroethene
Concen: 27.949 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

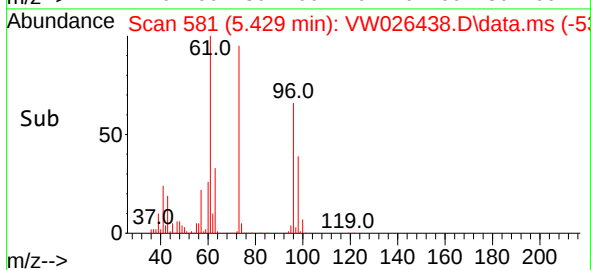
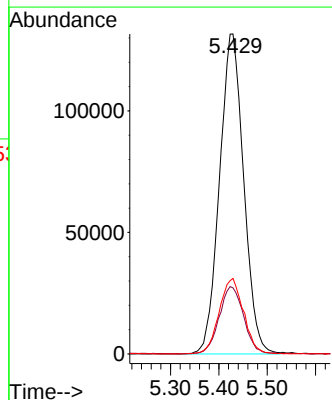
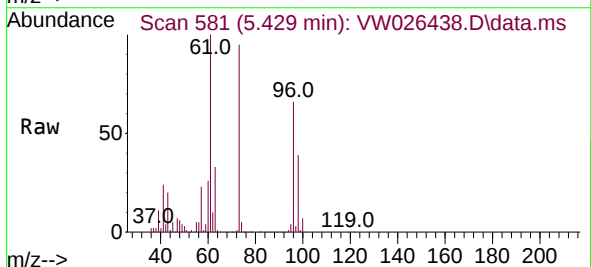
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

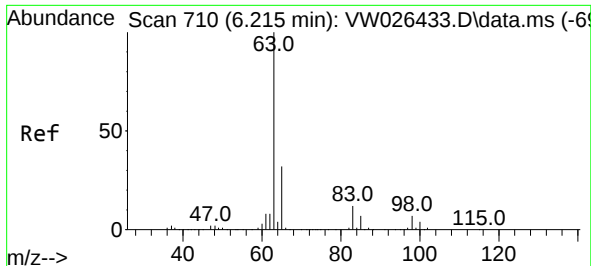
Tgt Ion: 96 Resp: 277325
Ion Ratio Lower Upper
96 100
61 151.4 105.2 195.4
98 59.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 28.191 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 73 Resp: 457131
Ion Ratio Lower Upper
73 100
43 21.1 16.6 25.0
57 23.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 28.214 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

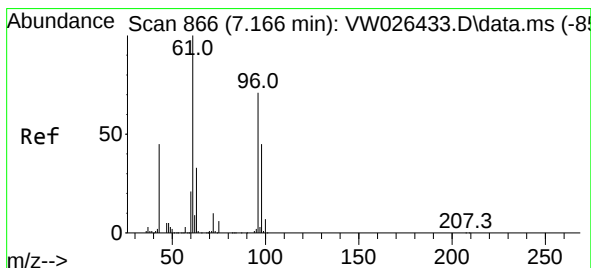
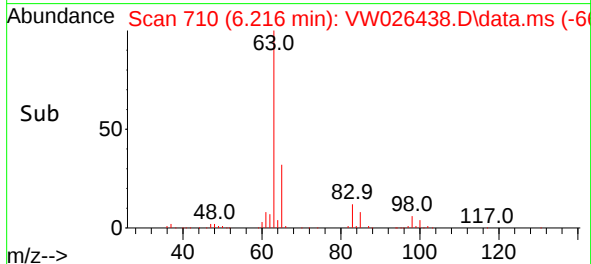
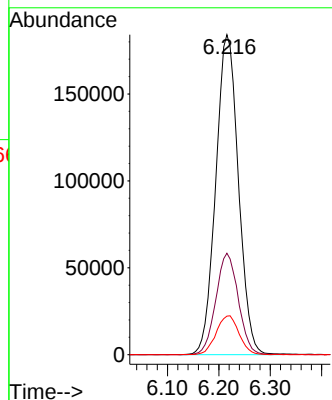
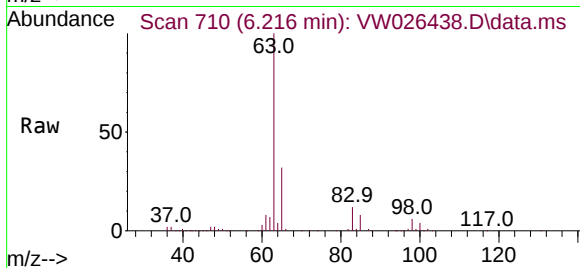
Tgt Ion: 63 Resp: 563319

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 12.1 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 27.387 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

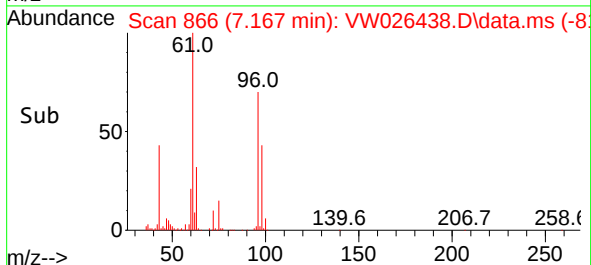
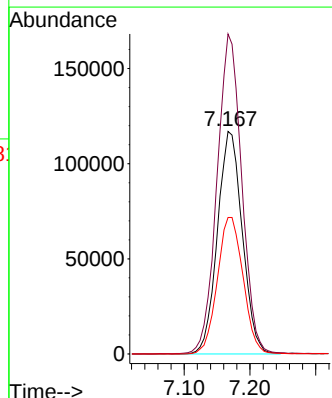
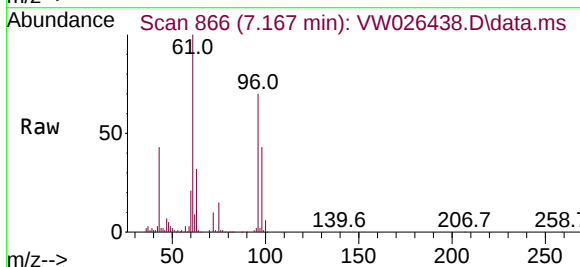
Tgt Ion: 96 Resp: 307798

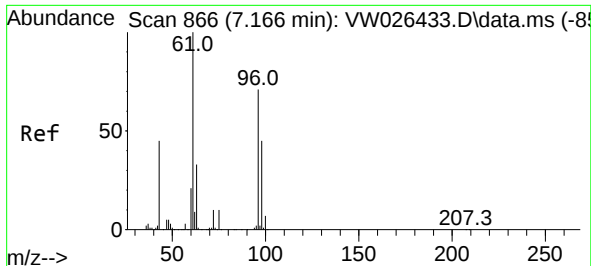
Ion Ratio Lower Upper

96 100

61 143.7 99.3 184.5

98 61.3 44.3 82.3

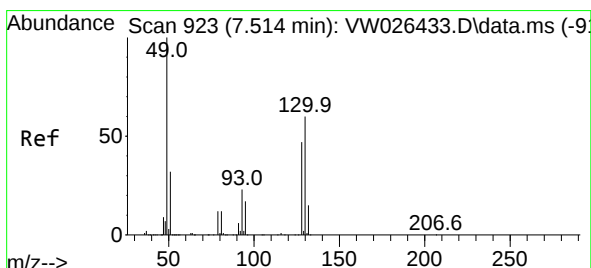
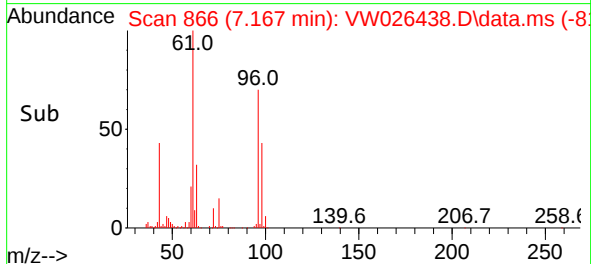
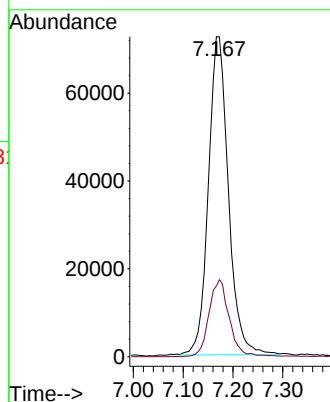
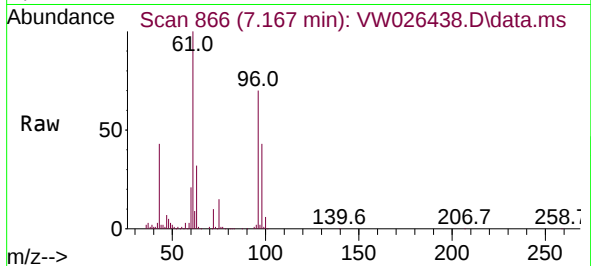




#22
2-Butanone
Concen: 49.374 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

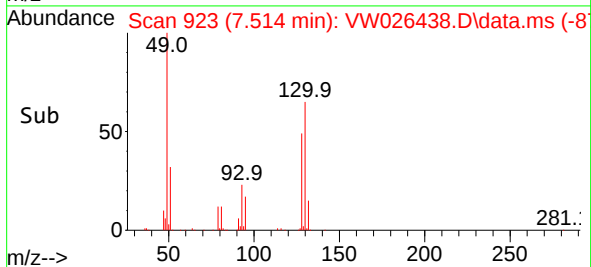
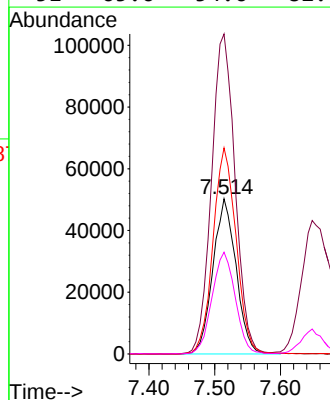
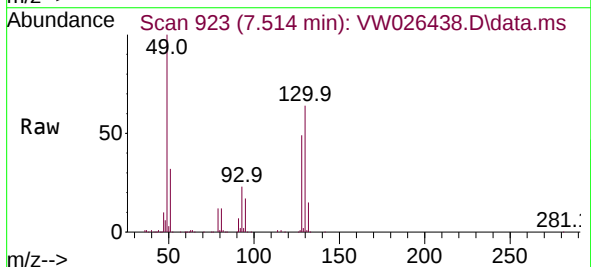
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

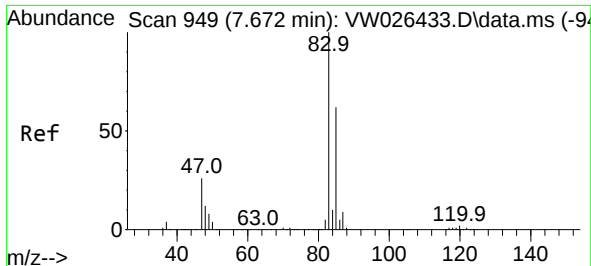
Tgt Ion: 43 Resp: 202682
Ion Ratio Lower Upper
43 100
72 23.8 12.6 37.8



#23
Bromochloromethane
Concen: 26.336 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 128 Resp: 123102
Ion Ratio Lower Upper
128 100
49 206.1 149.2 277.2
130 132.8 89.2 165.8
51 65.6 54.6 82.0





#25

Chloroform

Concen: 26.506 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

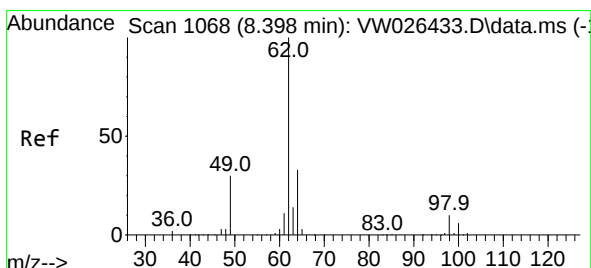
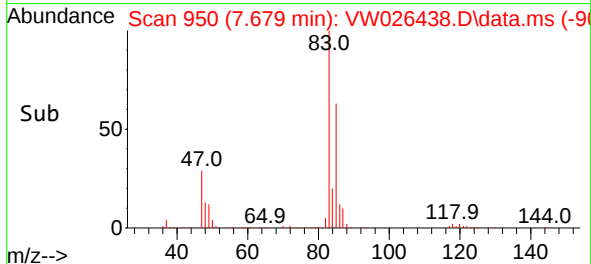
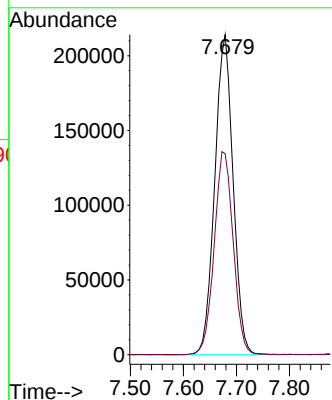
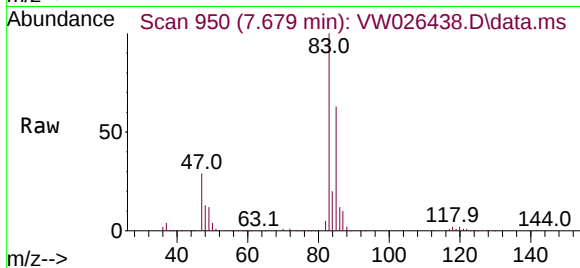
VSTD025543

Tgt Ion: 83 Resp: 513651

Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.576 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026438.D

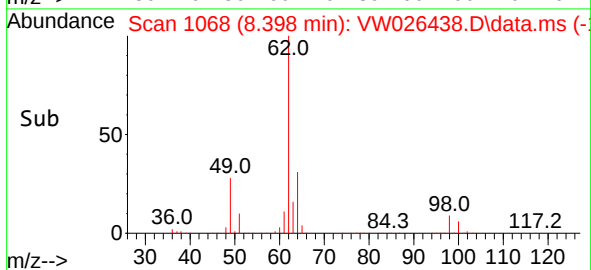
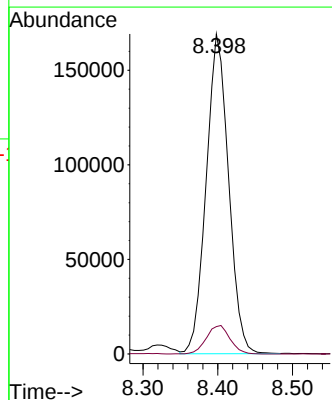
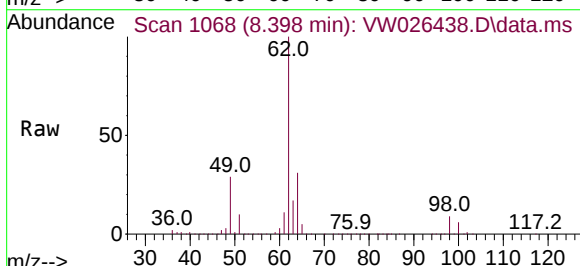
Acq: 29 Jun 2023 17:09

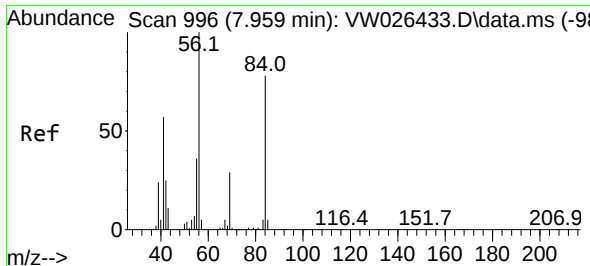
Tgt Ion: 62 Resp: 352142

Ion Ratio Lower Upper

62 100

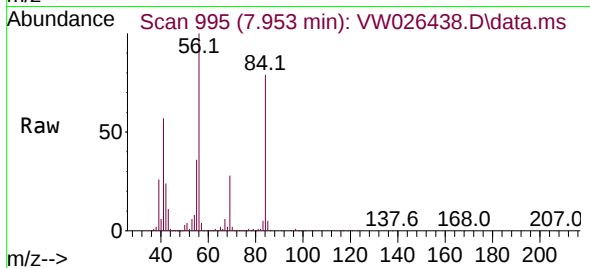
98 8.6 7.6 11.4



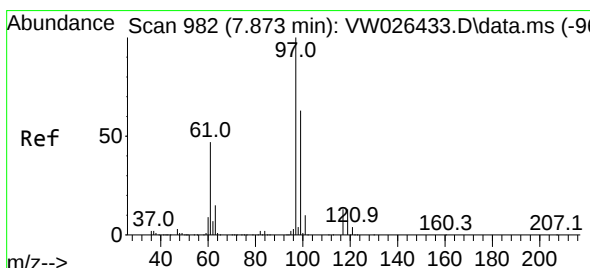
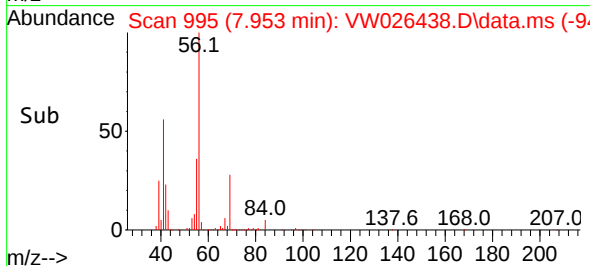
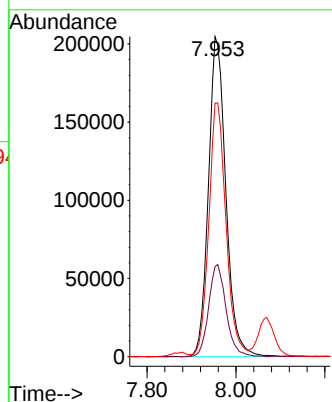


#29
Cyclohexane
Concen: 27.957 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

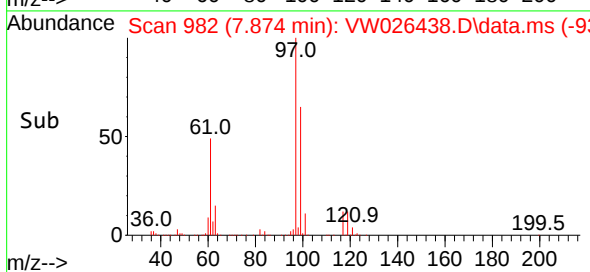
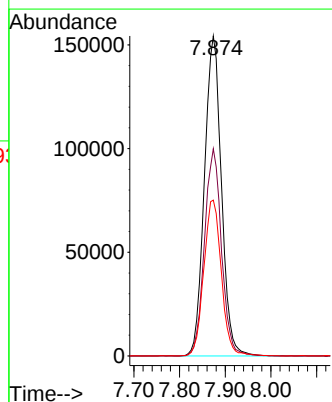
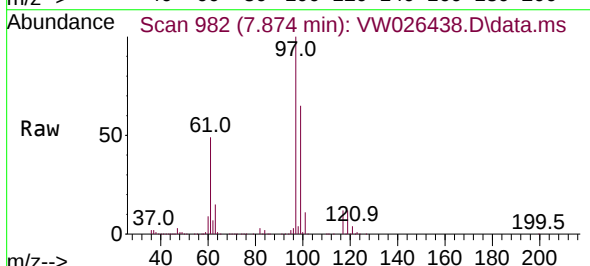


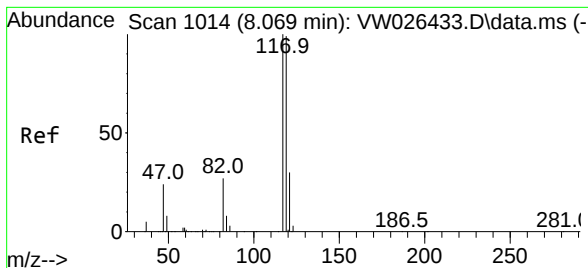
Tgt Ion:	56	Resp:	559085
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	78.3	63.5	95.3



#30
1,1,1-Trichloroethane
Concen: 26.565 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion:	97	Resp:	399208
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	50.3	39.5	59.3

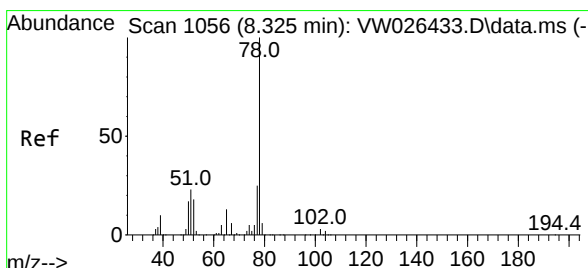
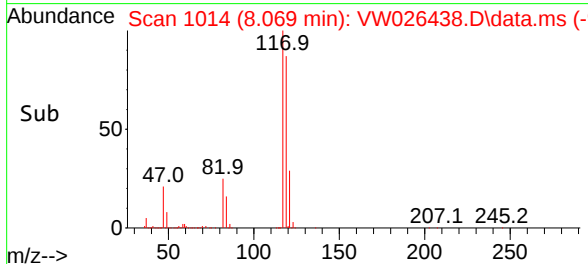
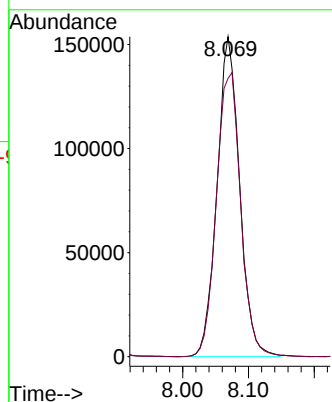
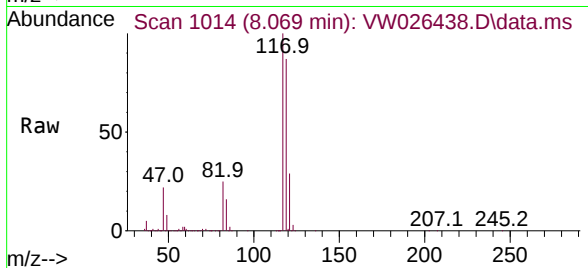




#31
Carbon tetrachloride
Concen: 27.150 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

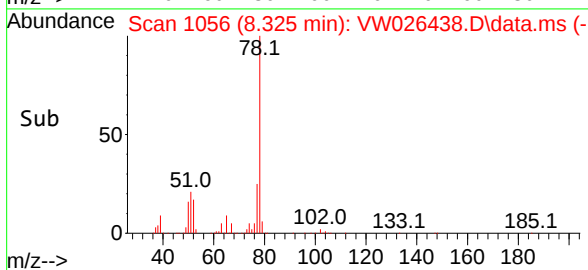
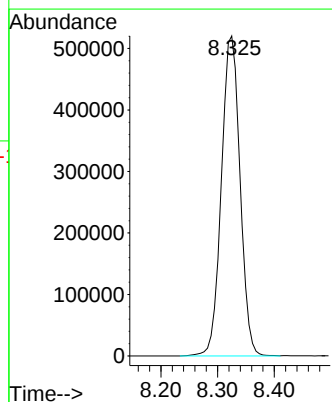
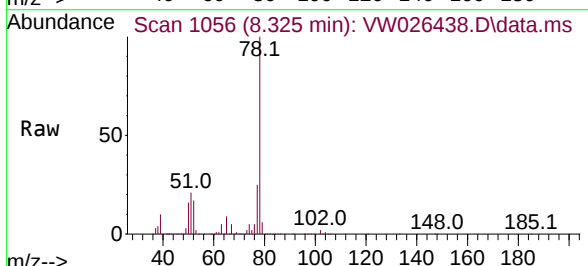
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

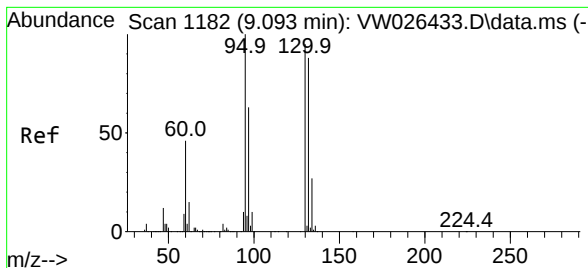
Tgt Ion:117 Resp: 367325
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2



#33
Benzene
Concen: 26.868 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 78 Resp: 1186917





#34

Trichloroethene

Concen: 26.901 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

Tgt Ion: 95 Resp: 302727

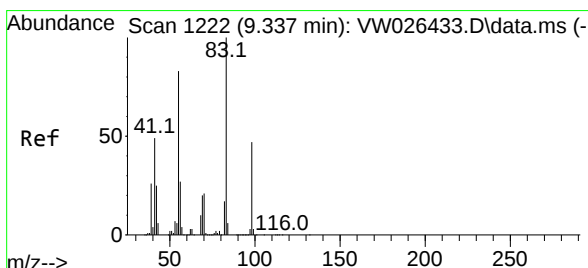
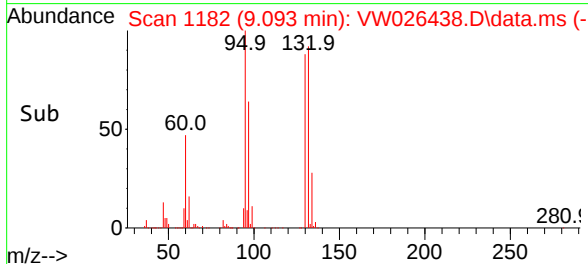
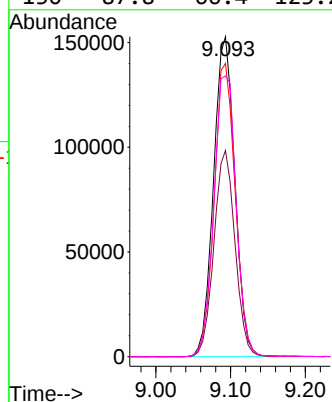
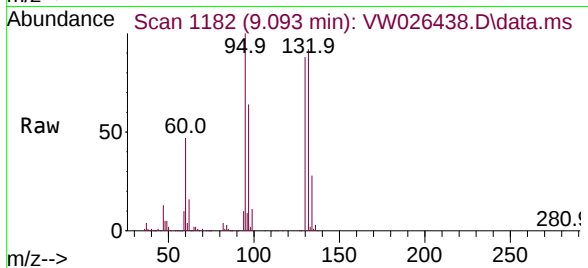
Ion Ratio Lower Upper

95 100

97 64.4 44.1 81.9

132 91.7 61.8 114.8

130 87.8 66.4 123.2



#35

Methylcyclohexane

Concen: 27.862 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

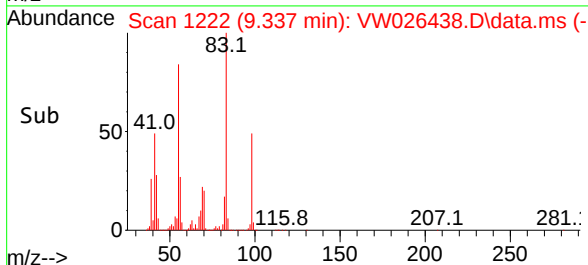
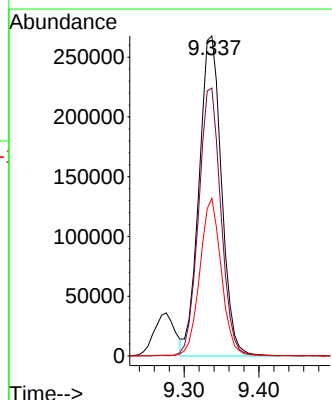
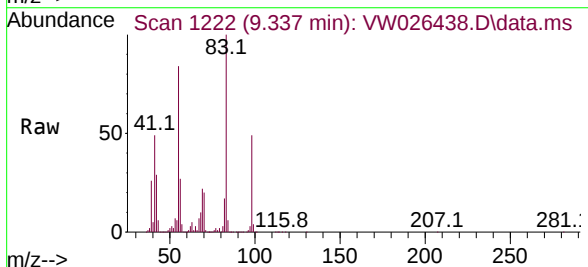
Tgt Ion: 83 Resp: 558584

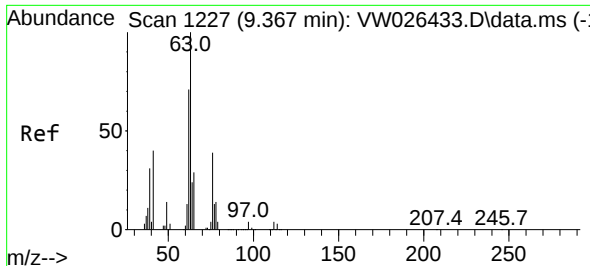
Ion Ratio Lower Upper

83 100

55 82.6 66.5 99.7

98 47.0 37.0 55.6

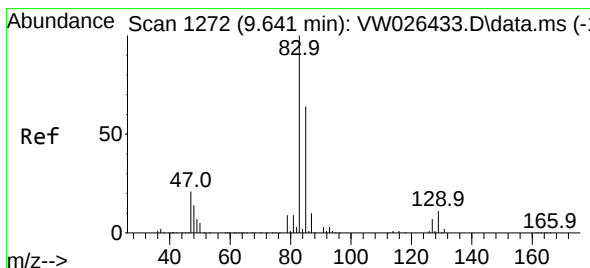
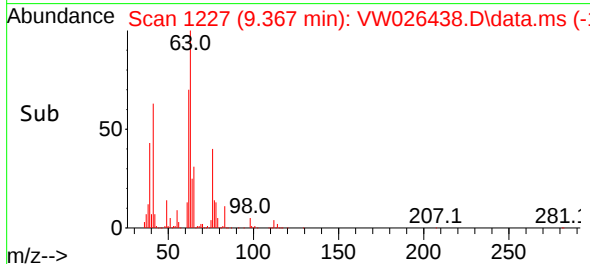
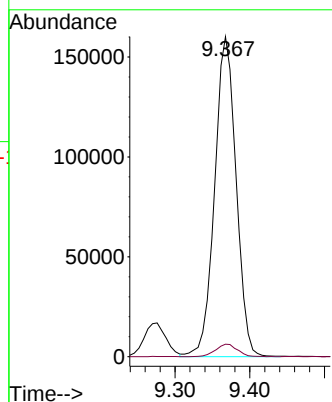
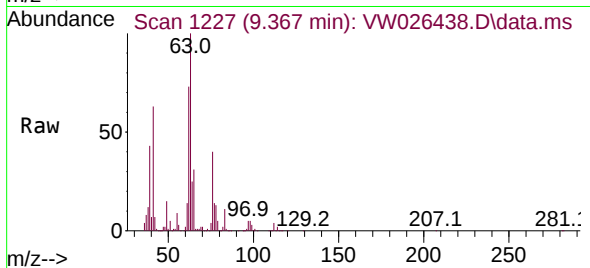




#37
1,2-Dichloropropane
Concen: 27.296 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

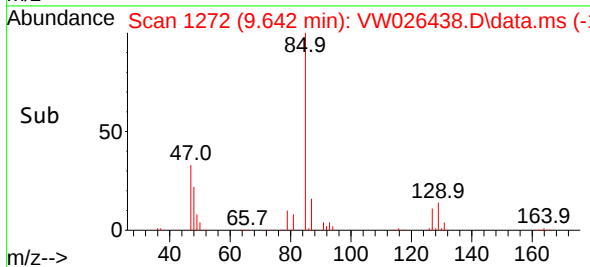
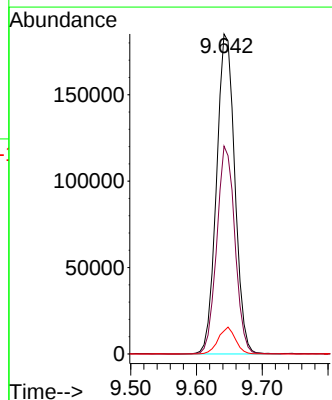
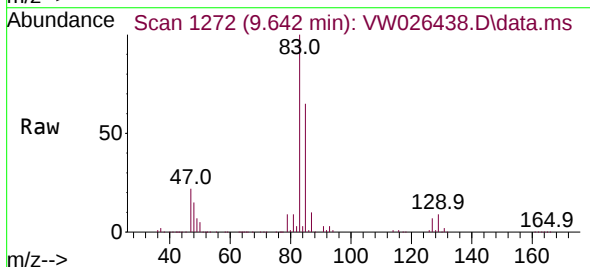
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

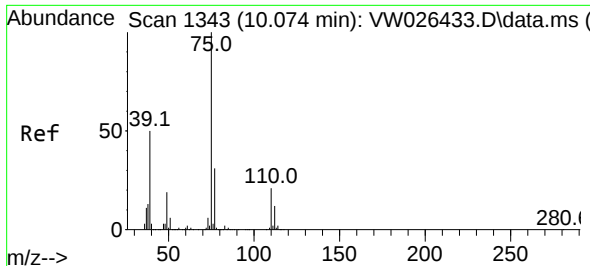
Tgt Ion: 63 Resp: 320117
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.0



#38
Bromodichloromethane
Concen: 27.217 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 83 Resp: 358252
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7
127 7.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.839 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

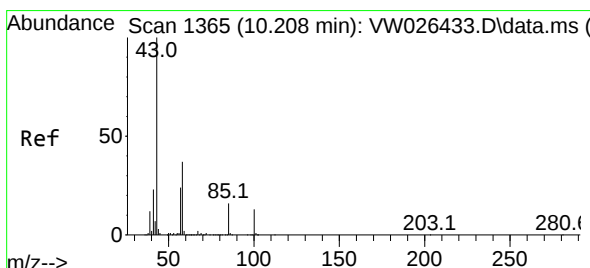
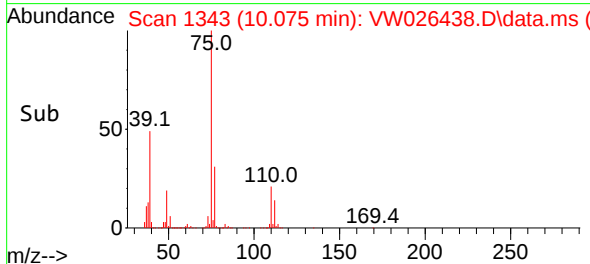
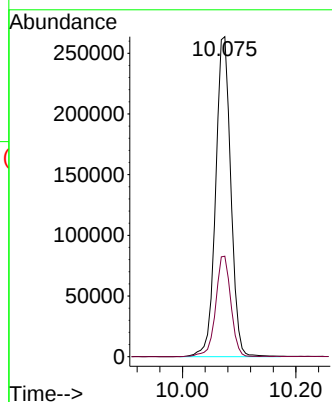
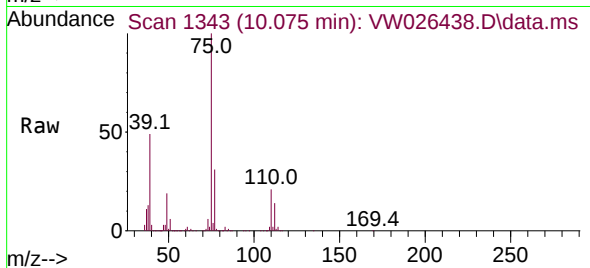
VSTD025543

Tgt Ion: 75 Resp: 488661

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 54.510 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

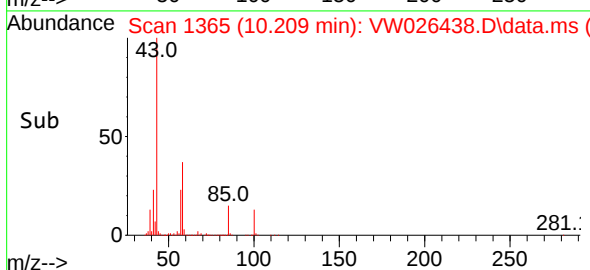
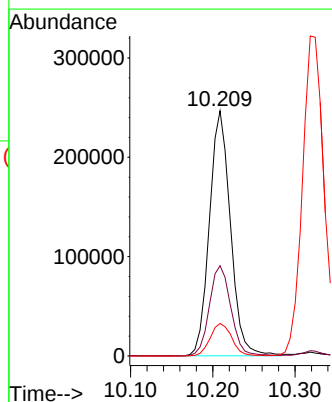
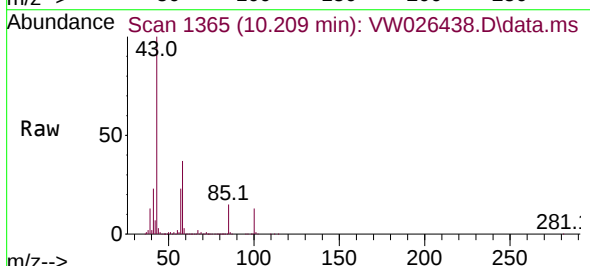
Tgt Ion: 43 Resp: 438919

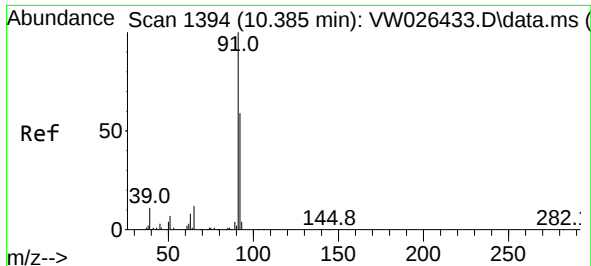
Ion Ratio Lower Upper

43 100

58 37.7 29.7 44.5

100 13.6 10.9 16.3

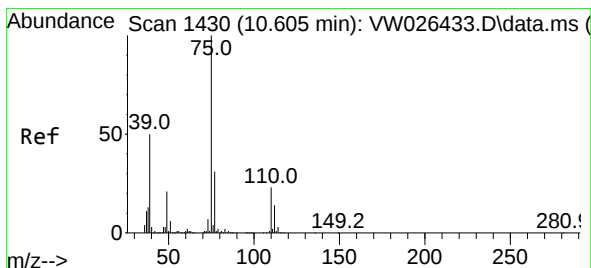
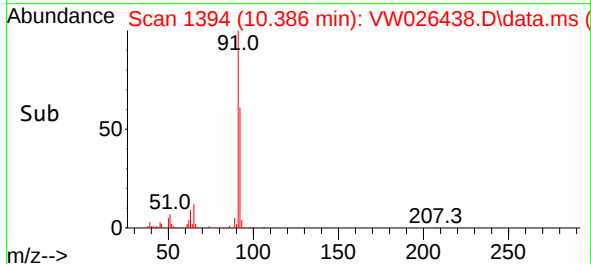
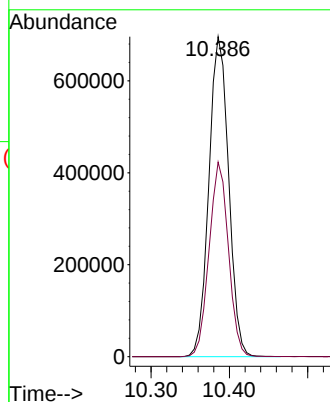
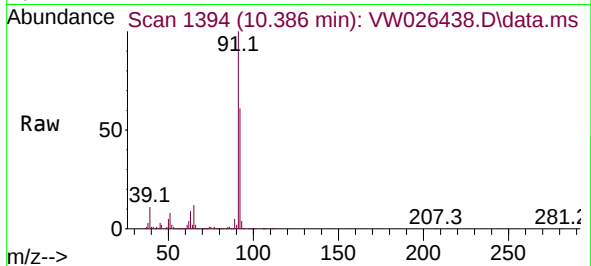




#42
Toluene
Concen: 26.960 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

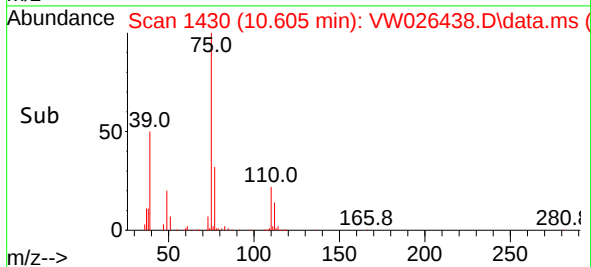
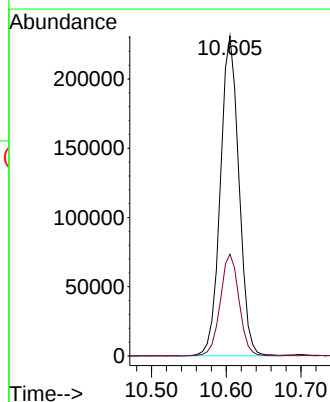
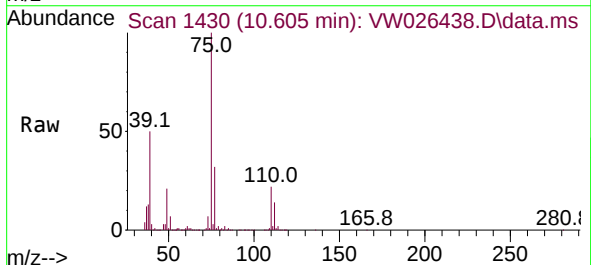
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

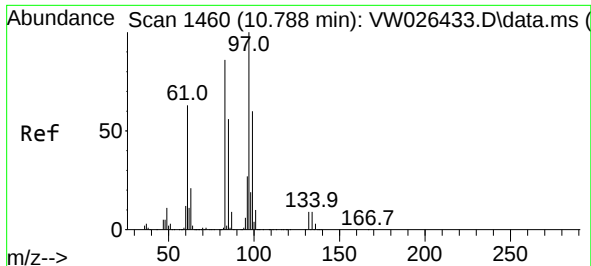
Tgt Ion: 91 Resp: 1218504
Ion Ratio Lower Upper
91 100
92 60.8 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 27.854 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 75 Resp: 399585
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



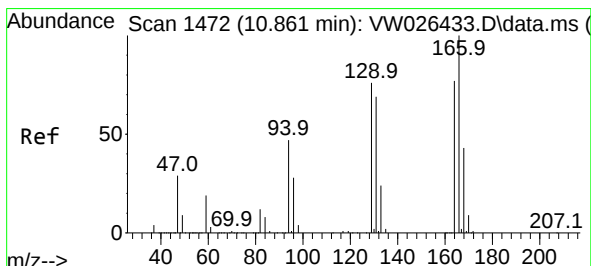
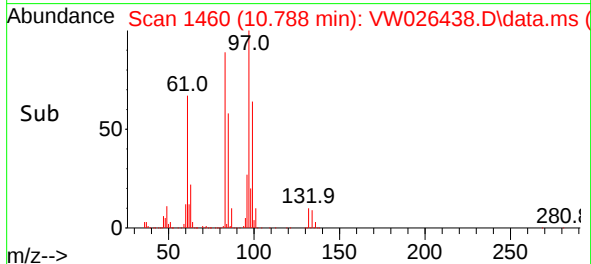
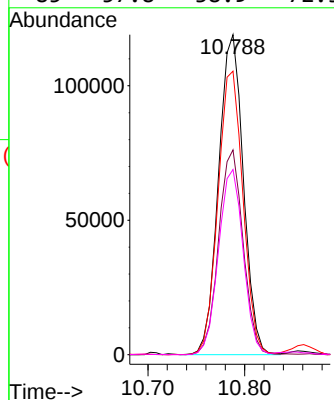
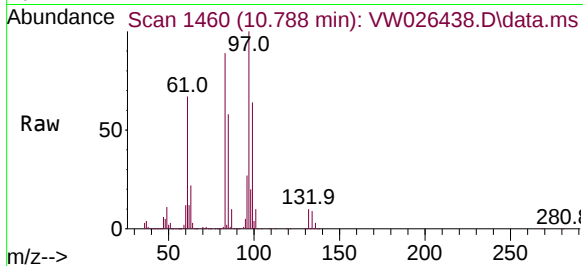


#45
1,1,2-Trichloroethane
Concen: 26.529 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

Tgt Ion: 97 Resp: 211934

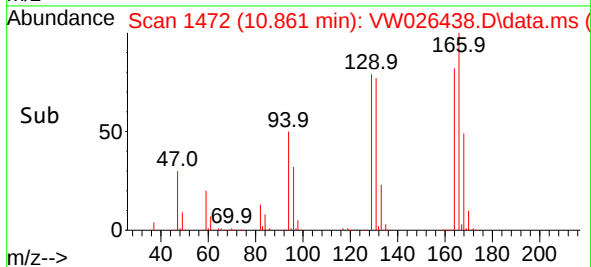
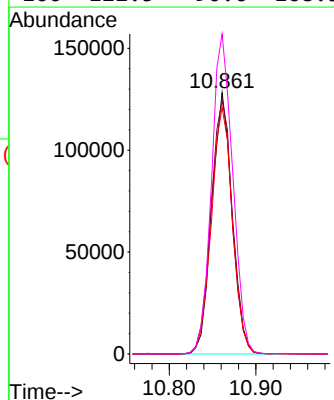
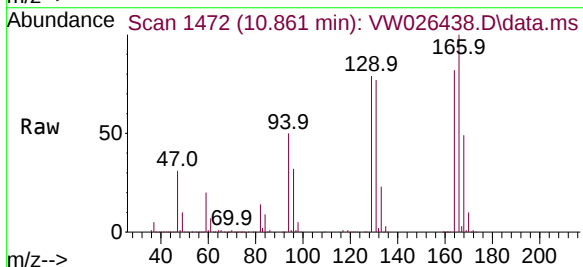
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.1	78.3
83	88.6	60.5	112.5
85	57.8	38.9	72.3

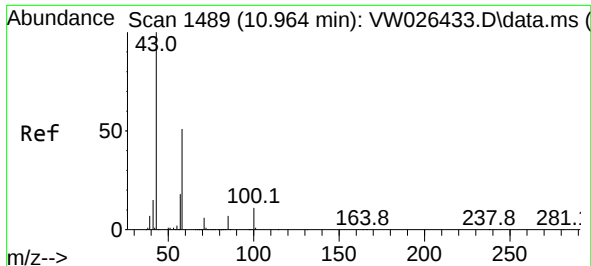


#46
Tetrachloroethene
Concen: 26.465 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 164 Resp: 210562

Ion	Ratio	Lower	Upper
164	100		
129	97.2	69.0	128.2
131	94.4	62.6	116.3
166	122.5	90.6	168.3

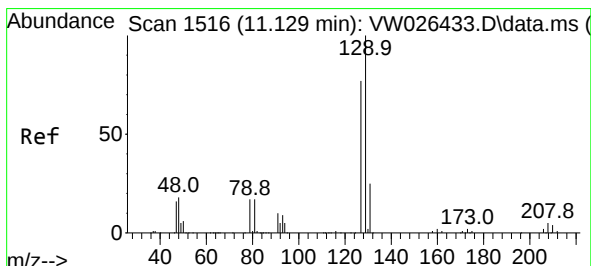
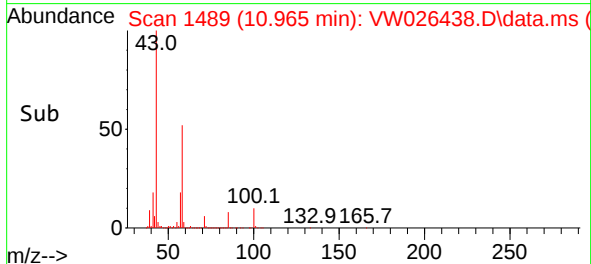
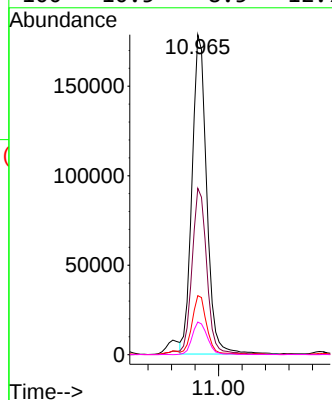
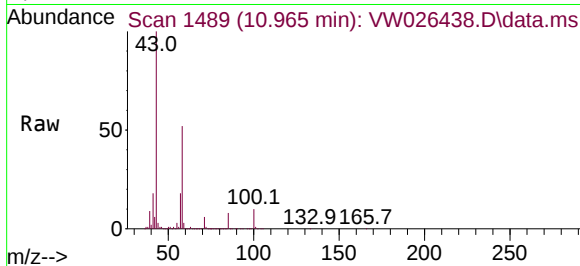




#48
2-Hexanone
Concen: 57.233 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

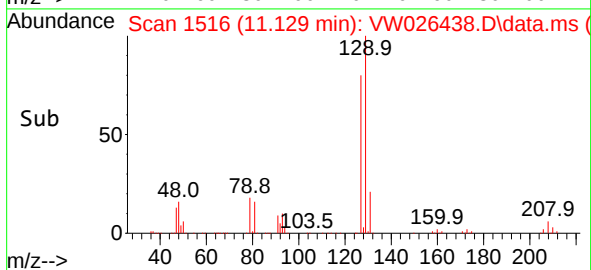
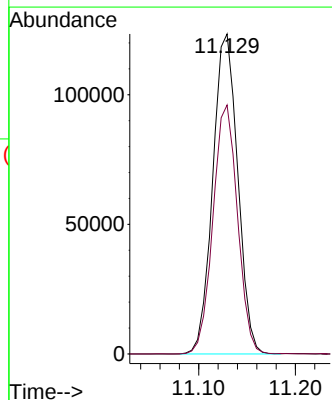
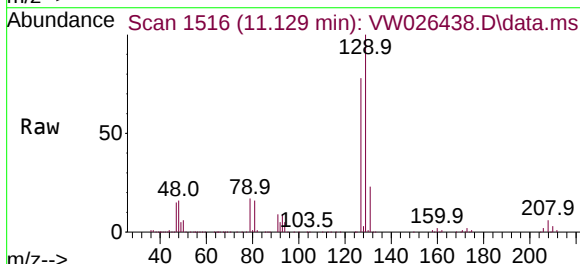
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

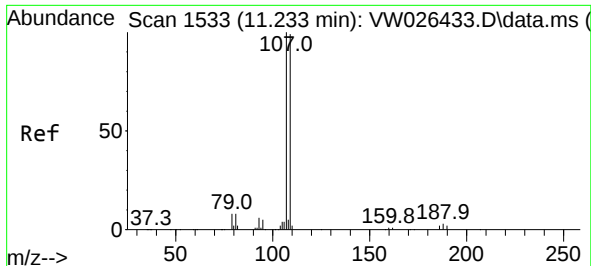
Tgt Ion: 43 Resp: 309325
Ion Ratio Lower Upper
43 100
58 52.5 42.1 63.1
57 18.5 14.5 21.7
100 10.5 8.5 12.7



#49
Dibromochloromethane
Concen: 27.827 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion: 129 Resp: 221419
Ion Ratio Lower Upper
129 100
127 77.8 54.0 100.4





#50

1,2-Dibromoethane

Concen: 27.570 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

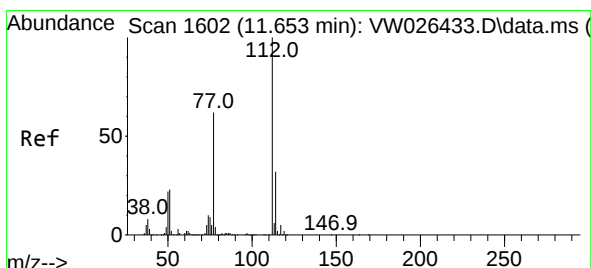
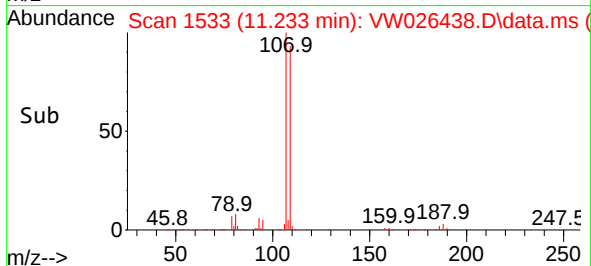
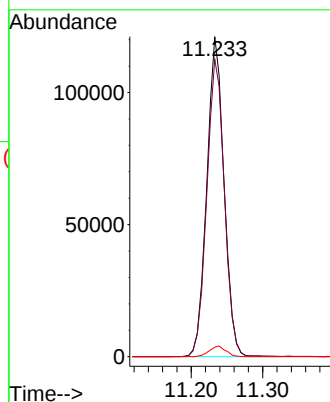
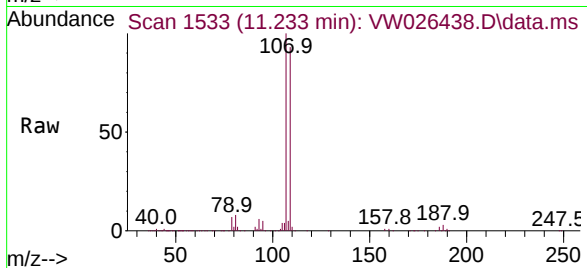
Tgt Ion:107 Resp: 202531

Ion Ratio Lower Upper

107 100

109 93.0 69.0 128.2

188 2.9 2.8 4.2



#51

Chlorobenzene

Concen: 26.542 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

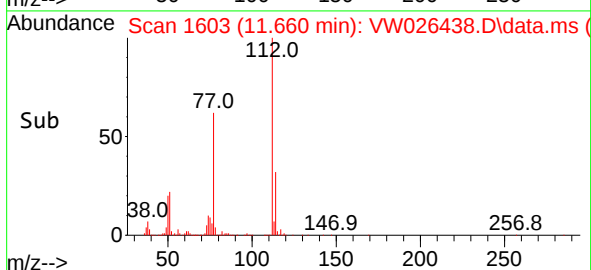
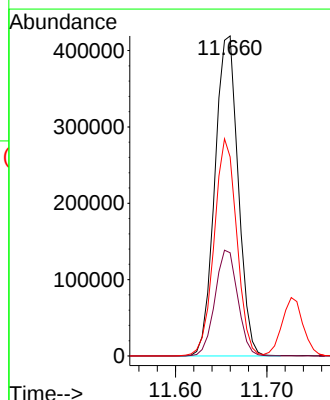
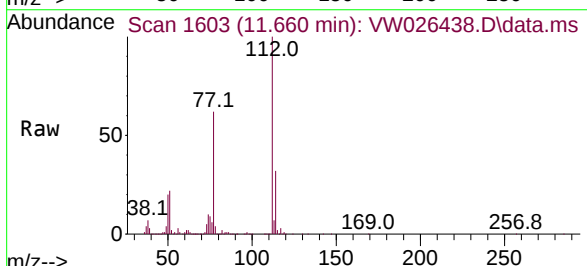
Tgt Ion:112 Resp: 742229

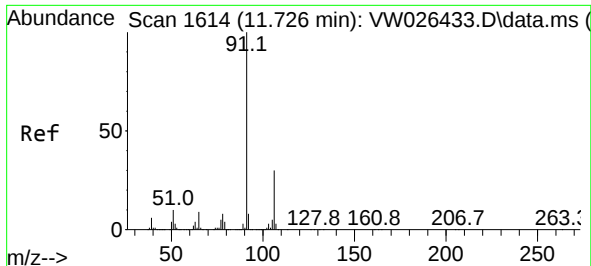
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 62.2 49.6 74.4

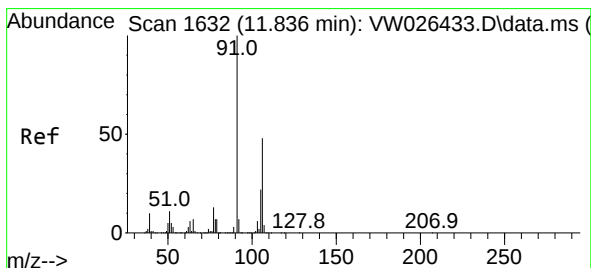
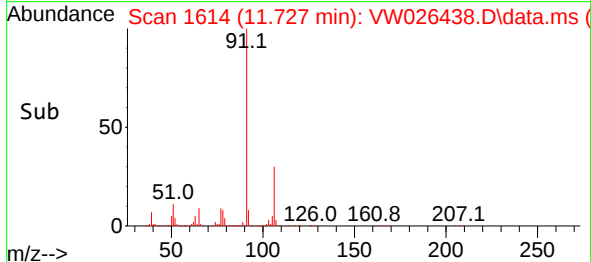
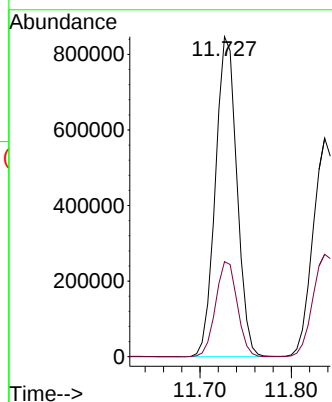
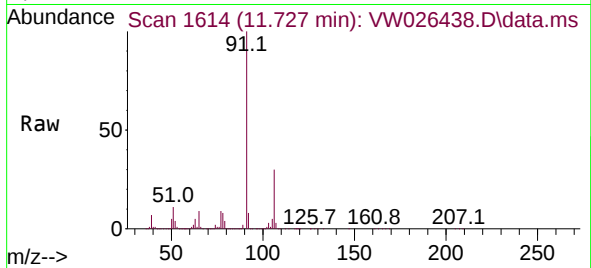




#52
Ethylbenzene
Concen: 27.200 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

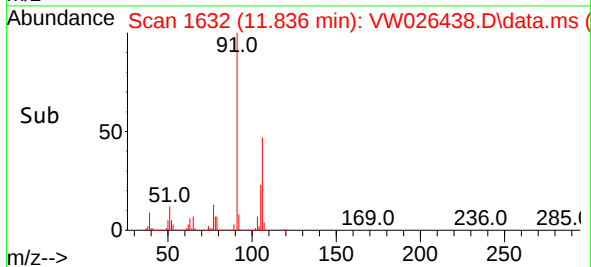
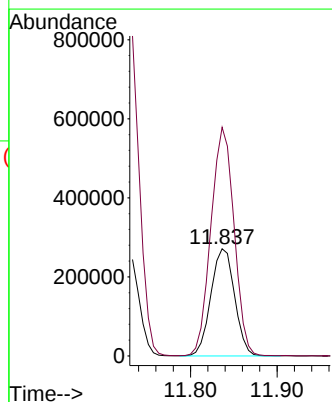
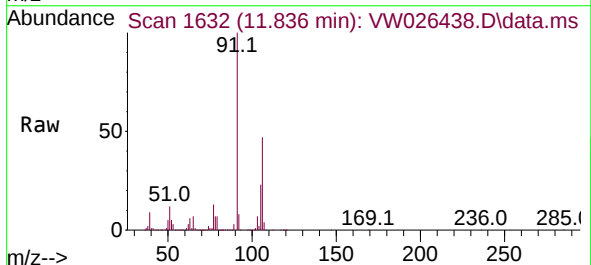
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

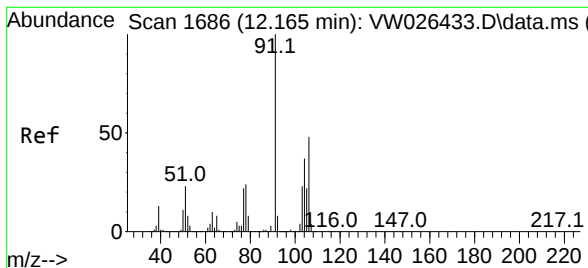
Tgt Ion: 91 Resp: 1383343
Ion Ratio Lower Upper
91 100
106 29.7 20.9 38.7



#53
m,p-Xylene
Concen: 27.393 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion:106 Resp: 516601
Ion Ratio Lower Upper
106 100
91 213.3 146.7 272.5

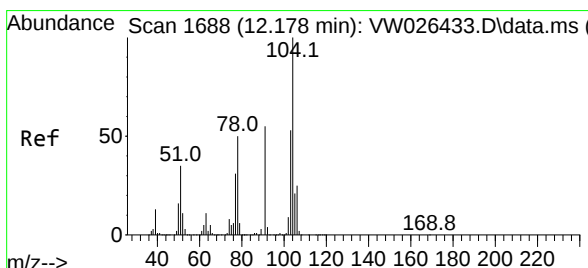
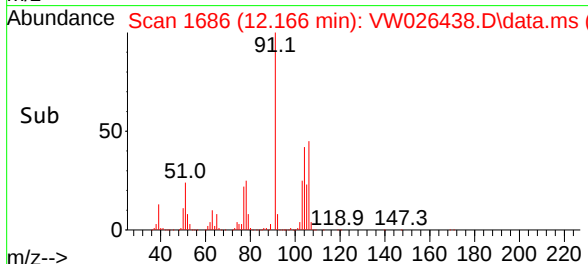
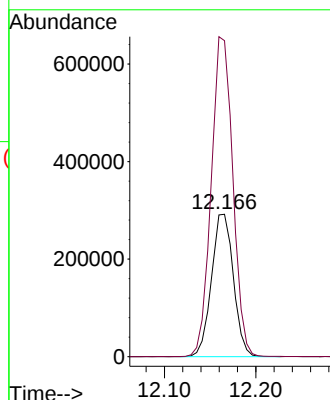
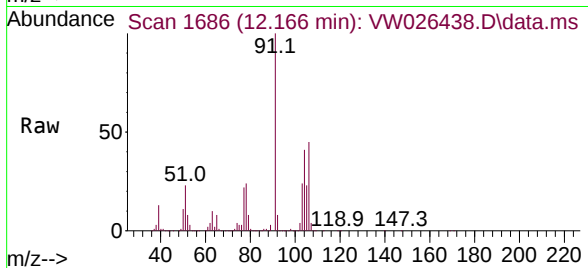




#54
o-Xylene
Concen: 27.746 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

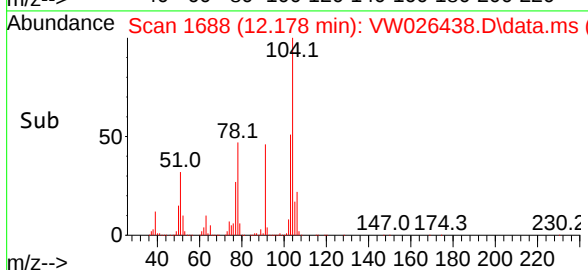
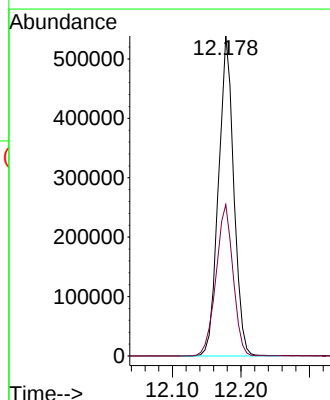
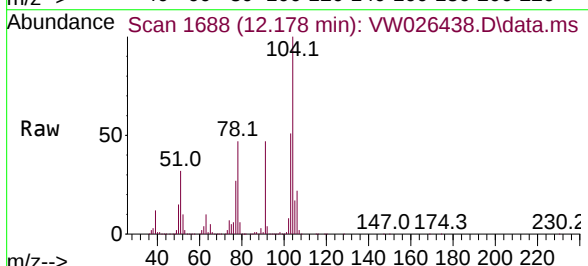
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

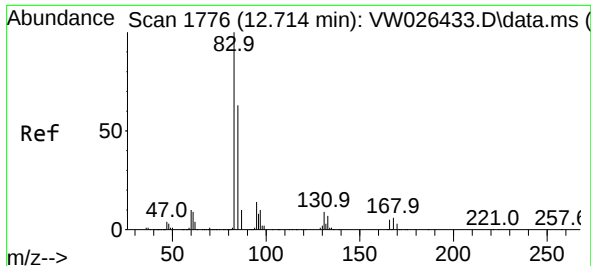
Tgt Ion:106 Resp: 485300
Ion Ratio Lower Upper
106 100
91 222.0 145.5 270.1



#55
Styrene
Concen: 27.920 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion:104 Resp: 833574
Ion Ratio Lower Upper
104 100
78 47.3 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.415 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

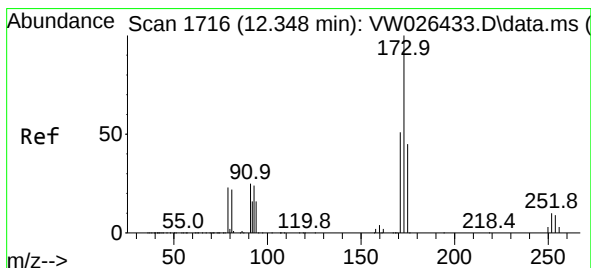
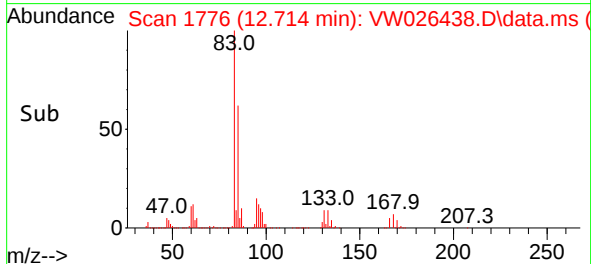
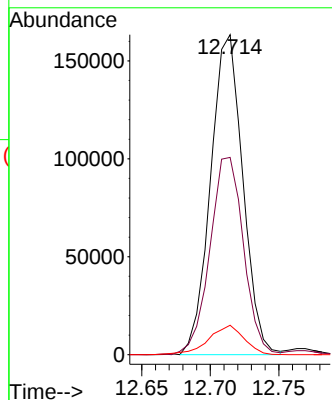
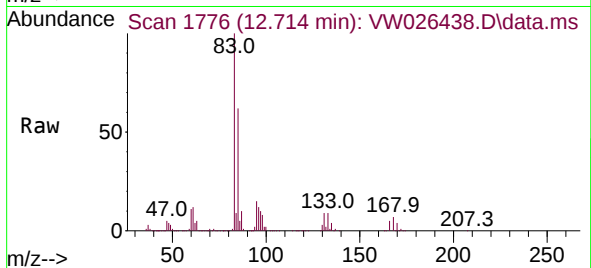
Tgt Ion: 83 Resp: 267430

Ion Ratio Lower Upper

83 100

85 61.6 44.6 82.8

131 9.2 7.2 10.8



#59

Bromoform

Concen: 27.202 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

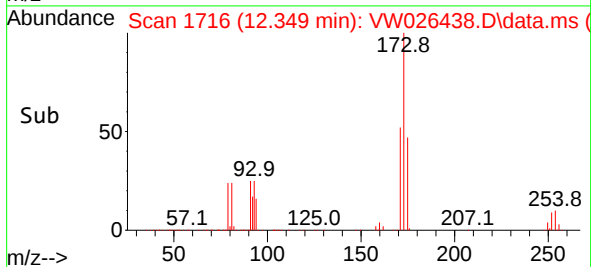
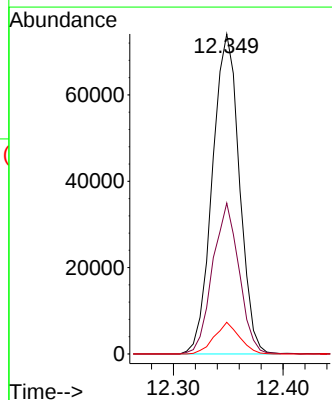
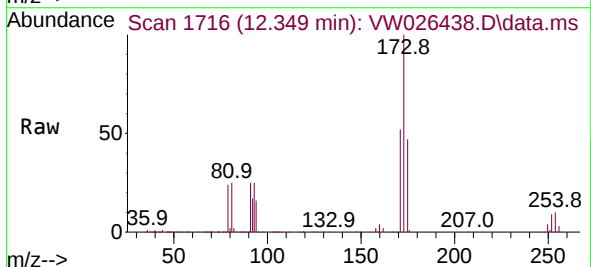
Tgt Ion: 173 Resp: 126962

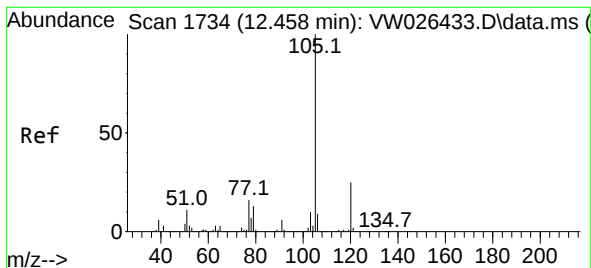
Ion Ratio Lower Upper

173 100

175 46.2 37.4 56.2

254 9.2 7.3 10.9





#60

Isopropylbenzene

Concen: 25.909 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

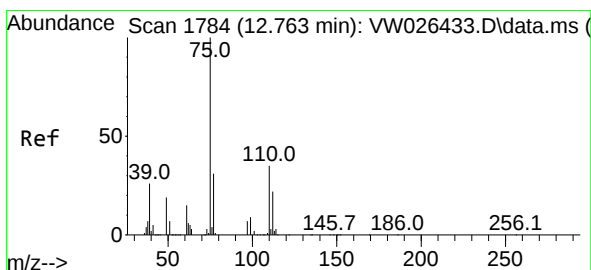
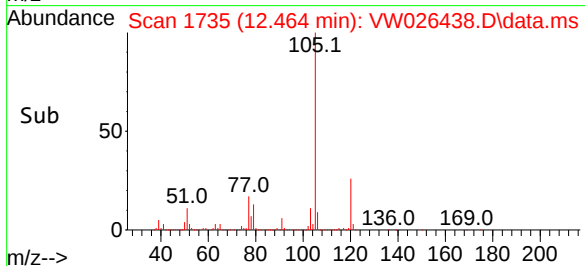
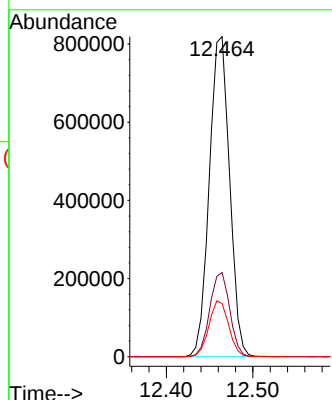
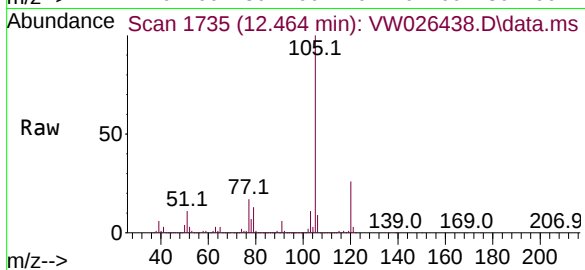
Tgt Ion:105 Resp: 1332102

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

77 16.9 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 25.638 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

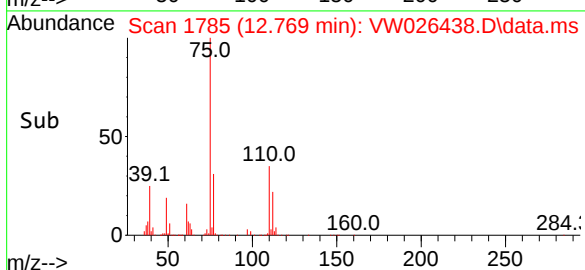
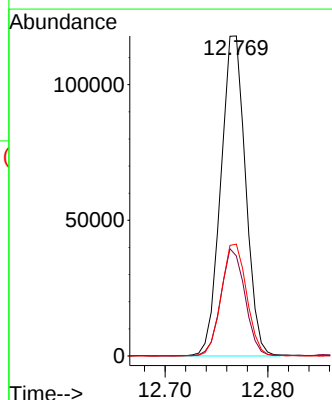
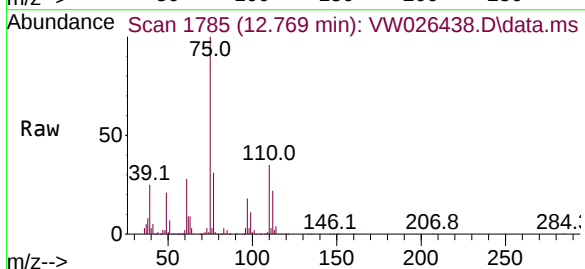
Tgt Ion: 75 Resp: 197527

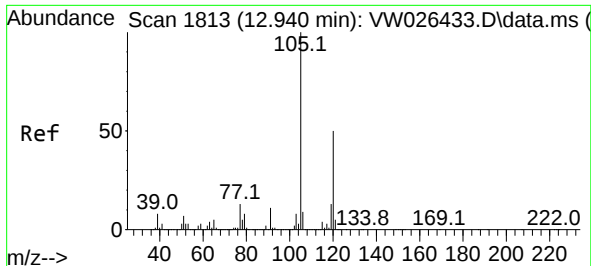
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

110 35.7 28.2 42.4

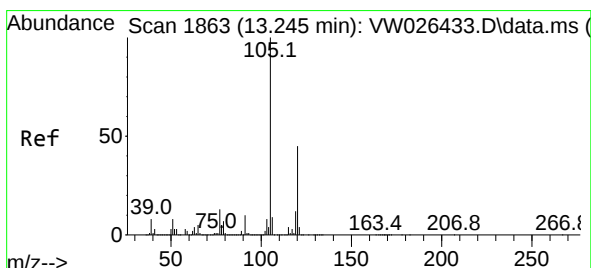
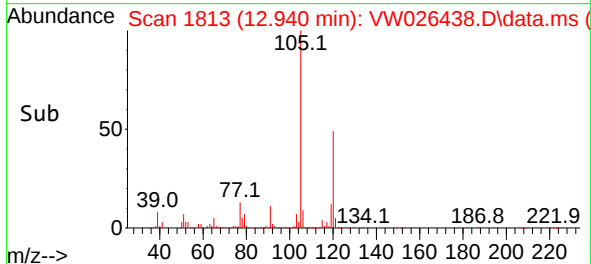
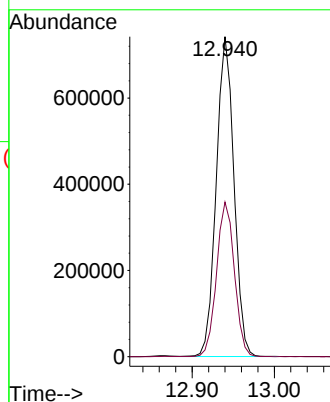
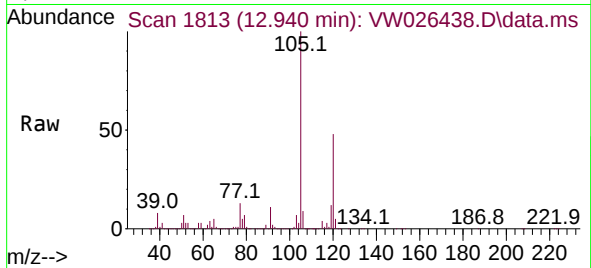




#62
1,3,5-Trimethylbenzene
Concen: 27.149 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

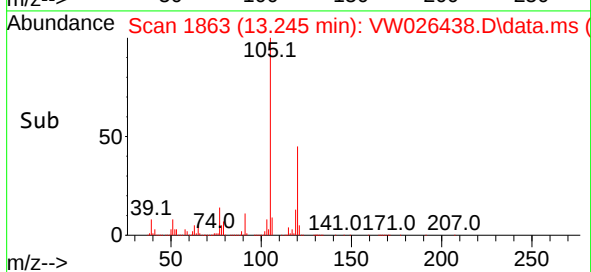
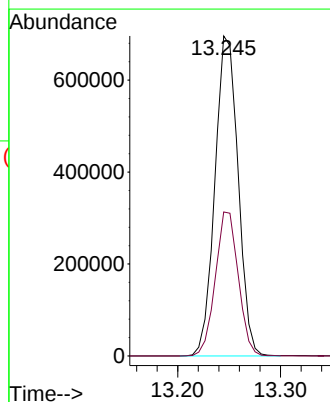
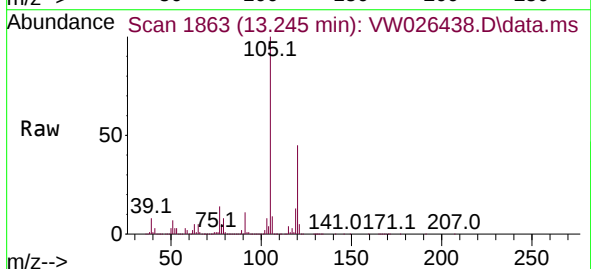
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

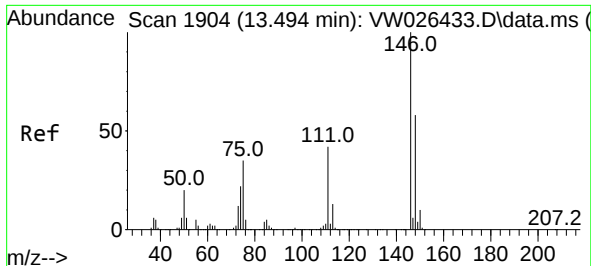
Tgt Ion:105 Resp: 1109980
Ion Ratio Lower Upper
105 100
120 48.7 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 27.287 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion:105 Resp: 1089878
Ion Ratio Lower Upper
105 100
120 44.6 36.0 54.0

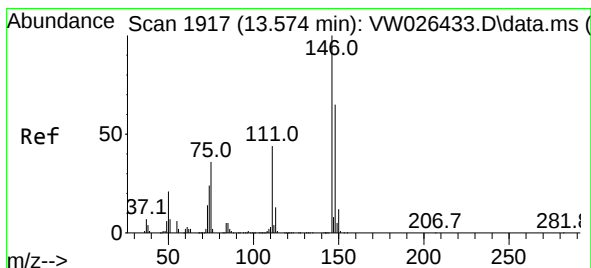
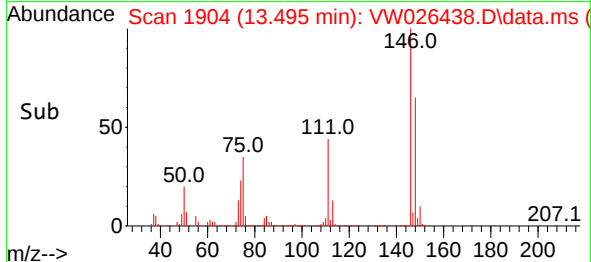
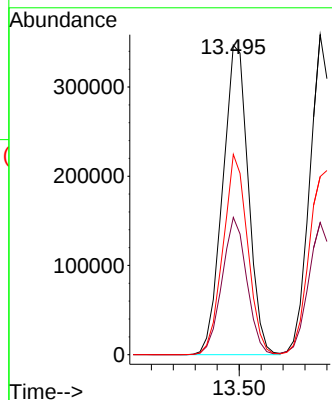
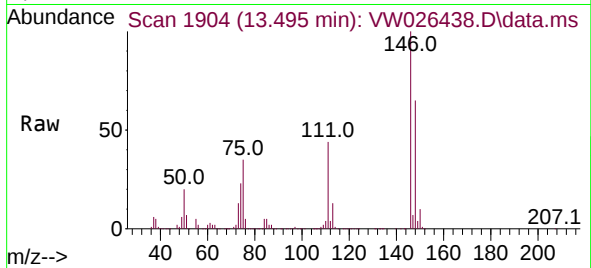




#64
1,3-Dichlorobenzene
Concen: 26.128 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

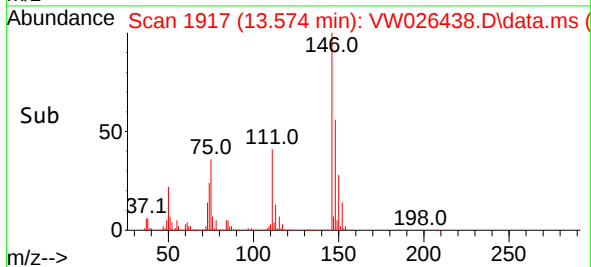
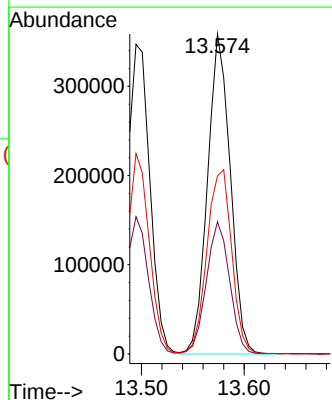
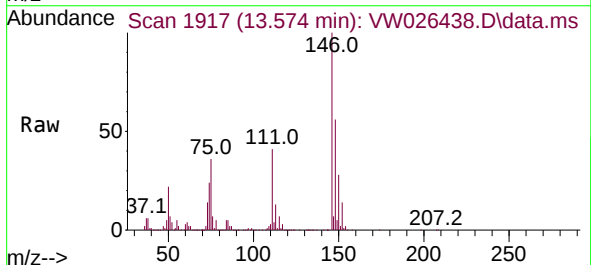
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

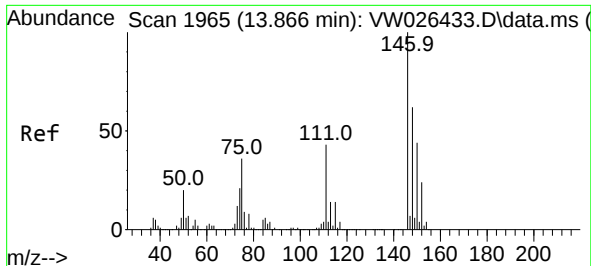
Tgt Ion:146 Resp: 563620
Ion Ratio Lower Upper
146 100
111 44.4 29.5 54.9
148 64.7 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 25.721 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026438.D
Acq: 29 Jun 2023 17:09

Tgt Ion:146 Resp: 551829
Ion Ratio Lower Upper
146 100
111 41.3 30.7 56.9
148 55.7 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 25.215 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

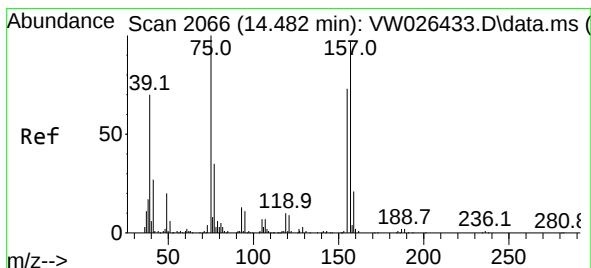
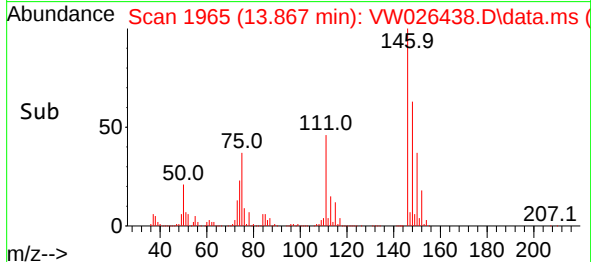
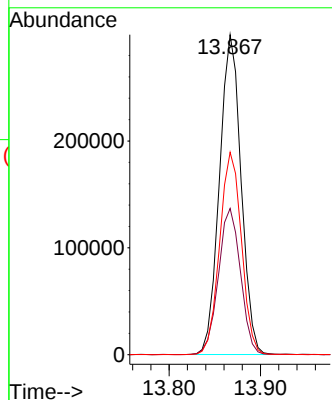
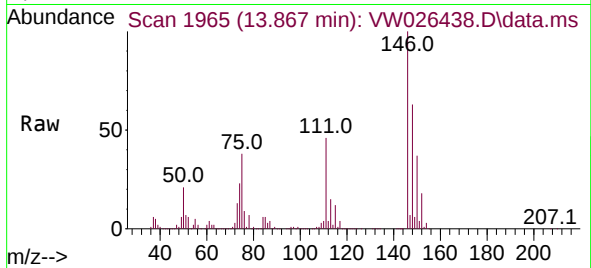
Tgt Ion:146 Resp: 492216

Ion Ratio Lower Upper

146 100

111 45.7 34.7 52.1

148 63.2 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.390 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

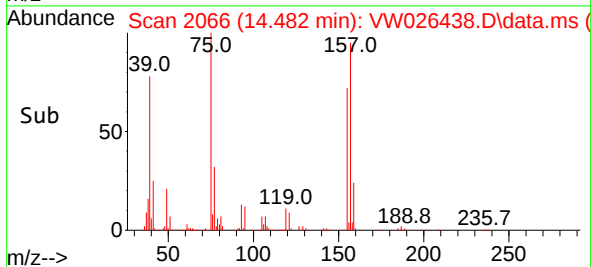
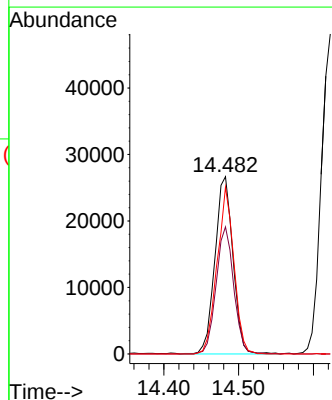
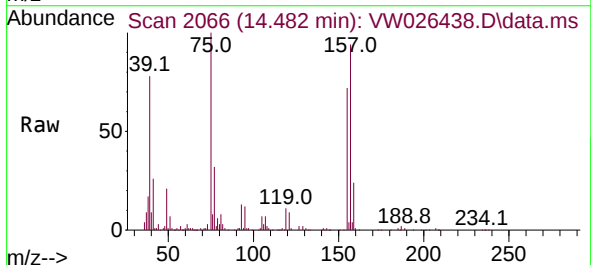
Tgt Ion: 75 Resp: 44826

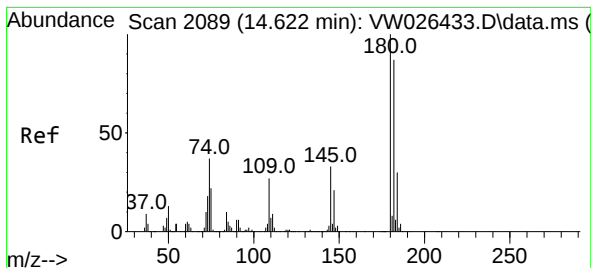
Ion Ratio Lower Upper

75 100

155 71.7 58.5 87.7

157 94.1 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 25.011 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

Tgt Ion:180 Resp: 367282

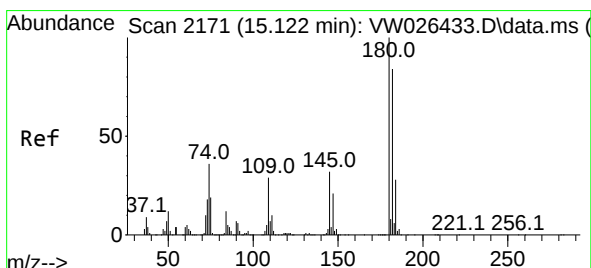
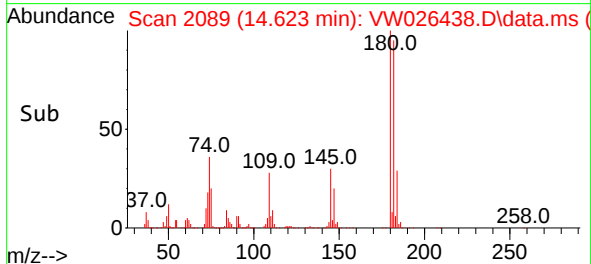
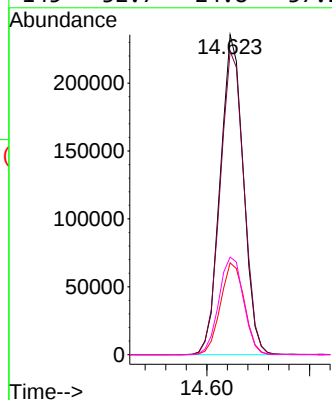
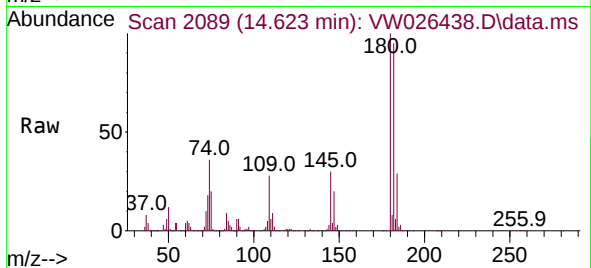
Ion Ratio Lower Upper

180 100

182 97.8 74.5 111.7

184 29.7 23.8 35.6

145 32.7 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 24.473 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

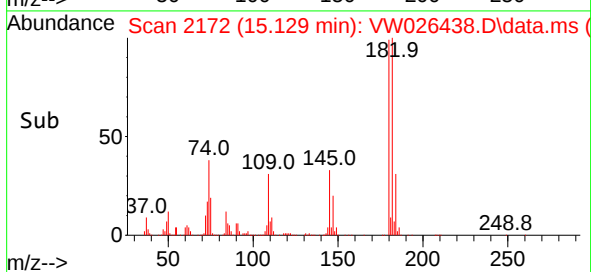
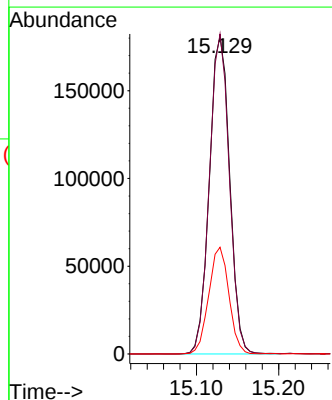
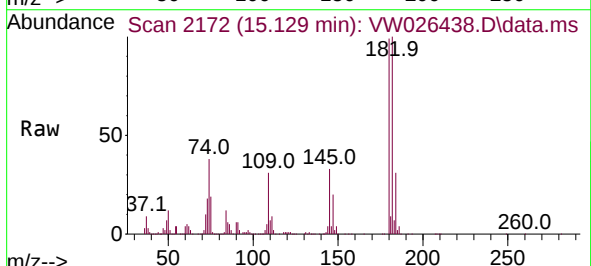
Tgt Ion:180 Resp: 311042

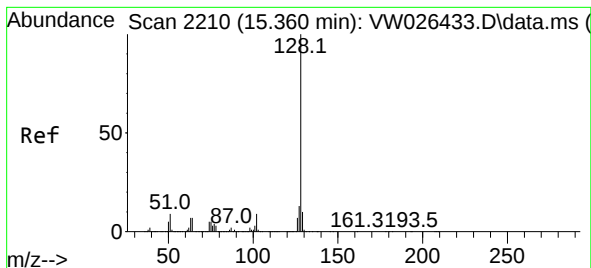
Ion Ratio Lower Upper

180 100

182 98.6 75.5 113.3

145 33.4 26.2 39.2





#71

Naphthalene

Concen: 27.104 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

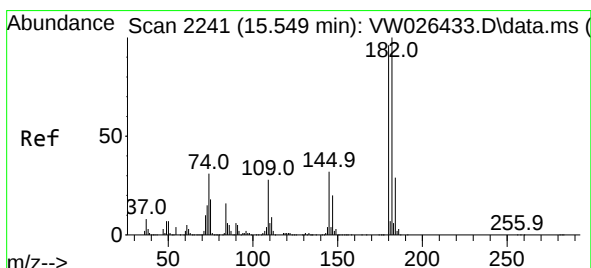
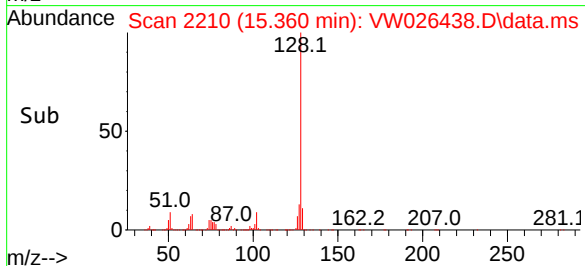
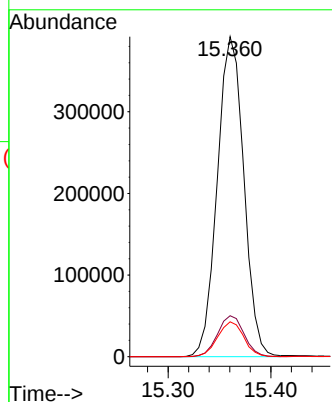
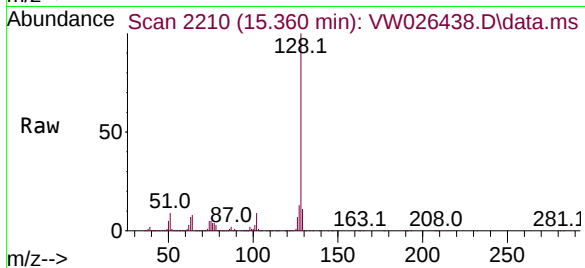
Tgt Ion:128 Resp: 702181

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 25.654 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026438.D

Acq: 29 Jun 2023 17:09

Tgt Ion:180 Resp: 280394

Ion Ratio Lower Upper

180 100

182 96.9 75.7 113.5

145 35.0 27.0 40.6

