

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026258.D
 Acq On : 20 Jun 2023 09:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Jun 21 01:06:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	703327	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	637826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	325101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	184125	18.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.440%
7) Chloroethane-d5	2.893	69	173555	23.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.720%
11) 1,1-Dichloroethene-d2	4.014	65	96166	19.711	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.840%
21) 2-Butanone-d5	7.075	46	164216	57.008	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.020%
24) Chloroform-d	7.648	84	480168	23.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.300	65	264806	23.513	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.276	84	916536	21.355	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	9.270	67	307316	22.602	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	10.318	98	790702	20.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.080%
43) trans-1,3-Dichloroprop...	10.574	79	109523	20.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.320%
47) 2-Hexanone-d5	10.922	63	114222	53.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	254783	25.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	262090	21.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	167542	19.432	ug/L	97
3) Chloromethane	2.222	50	228613	20.679	ug/L	95
5) Vinyl chloride	2.375	62	258628	21.886	ug/L	97
6) Bromomethane	2.789	94	141962	22.037	ug/L	99
8) Chloroethane	2.929	64	156080	24.442	ug/L	97
9) Trichlorofluoromethane	3.265	101	176143	23.169	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	211705	22.069	ug/L	98
12) 1,1-Dichloroethene	4.045	96	193553	21.614	ug/L #	75
13) Acetone	4.118	43	115479	51.809	ug/L	98
14) Carbon disulfide	4.386	76	597697	18.907	ug/L	99
15) Methyl Acetate	4.667	43	119144	23.817	ug/L	97
16) Methylene chloride	4.917	84	217649	19.389	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	208595	20.762	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	336777	21.268	ug/L	99
19) 1,1-Dichloroethane	6.209	63	451912	22.094	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	235021	22.084	ug/L	98
22) 2-Butanone	7.166	43	158721	49.920	ug/L	98
23) Bromochloromethane	7.514	128	96048	21.162	ug/L	93
25) Chloroform	7.672	83	416674	21.871	ug/L	98

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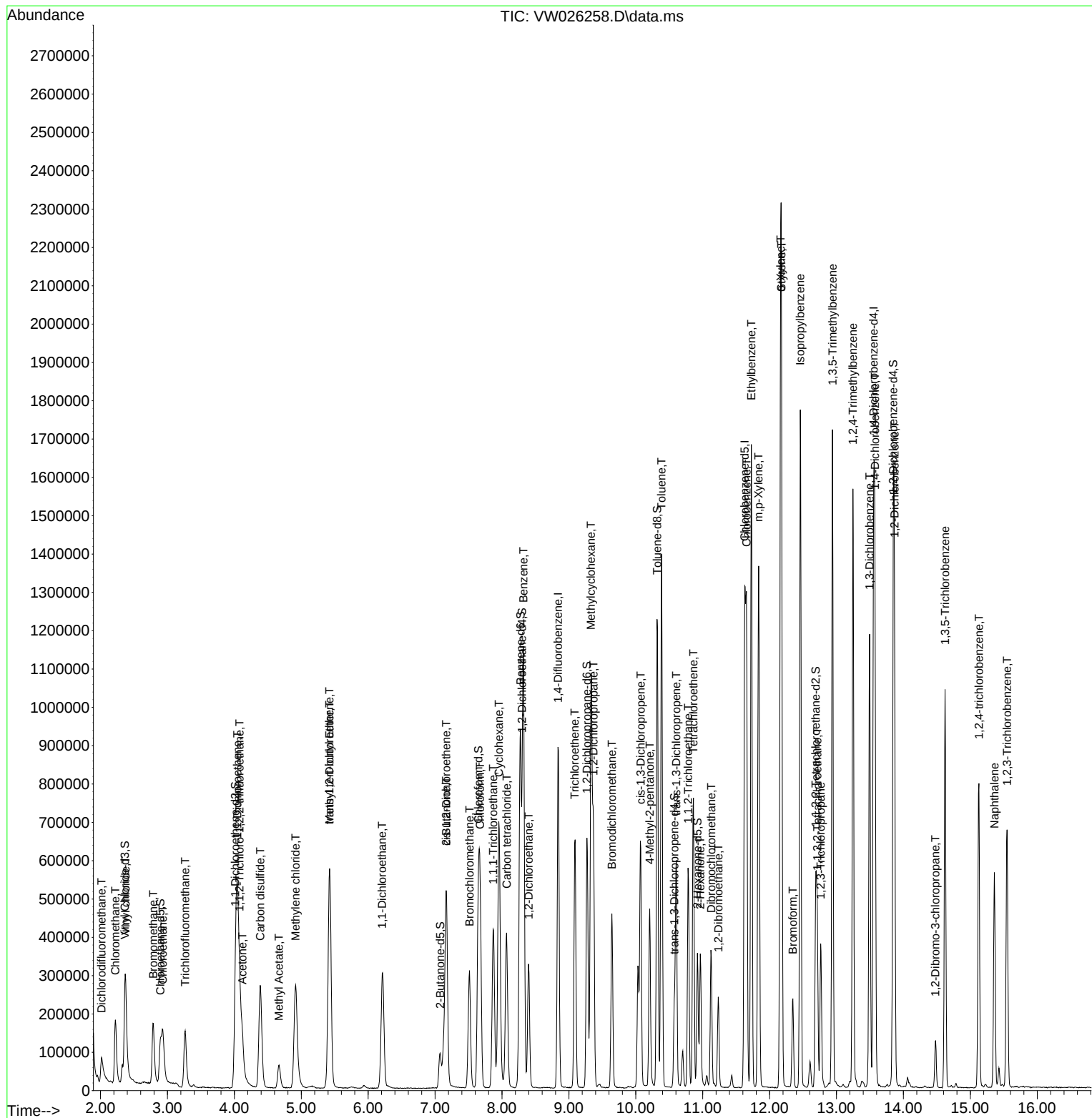
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	291652	22.197	ug/L	97
29) Cyclohexane	7.953	56	393301	19.973	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	332910	21.508	ug/L	98
31) Carbon tetrachloride	8.069	117	298867	21.159	ug/L	100
33) Benzene	8.319	78	941560	21.549	ug/L	100
34) Trichloroethene	9.087	95	231483	20.690	ug/L	96
35) Methylcyclohexane	9.331	83	407358	20.576	ug/L	99
37) 1,2-Dichloropropane	9.367	63	260836	22.040	ug/L	100
38) Bromodichloromethane	9.642	83	295338	21.480	ug/L	94
39) cis-1,3-Dichloropropene	10.074	75	380030	21.852	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	327174	46.892	ug/L	99
42) Toluene	10.385	91	971083	21.729	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	314321	21.694	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	169788	21.769	ug/L	99
46) Tetrachloroethene	10.861	164	161134	20.362	ug/L	91
48) 2-Hexanone	10.964	43	231932	47.144	ug/L	98
49) Dibromochloromethane	11.129	129	178050	21.773	ug/L	95
50) 1,2-Dibromoethane	11.233	107	155553	21.539	ug/L	97
51) Chlorobenzene	11.653	112	594449	21.227	ug/L	99
52) Ethylbenzene	11.727	91	1085197	21.526	ug/L	99
53) m,p-Xylene	11.836	106	403973	21.540	ug/L	98
54) o-Xylene	12.165	106	379894	21.462	ug/L	97
55) Styrene	12.178	104	669060	22.032	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	212698	22.533	ug/L	95
59) Bromoform	12.348	173	99931	20.465	ug/L	99
60) Isopropylbenzene	12.458	105	1064234	20.838	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	154950	21.278	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	839356	20.674	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	789104	21.221	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	436904	20.346	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	447392	20.694	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	399752	20.731	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	33289	19.731	ug/L	85
69) 1,3,5-Trichlorobenzene	14.622	180	292705	19.843	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	234542	19.270	ug/L	94
71) Naphthalene	15.360	128	444719	20.500	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	209265	19.673	ug/L	99

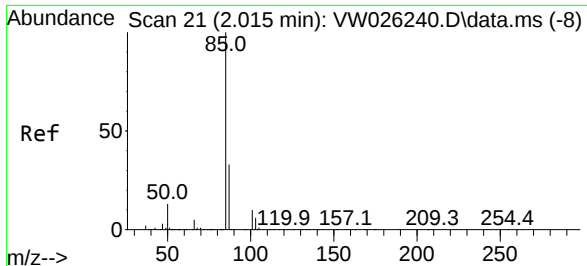
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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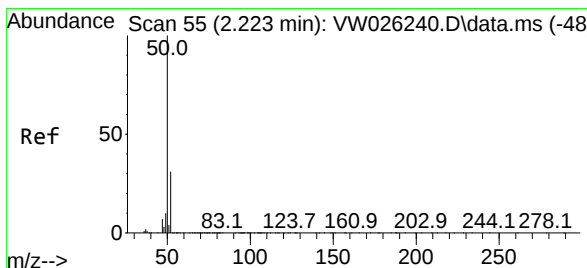
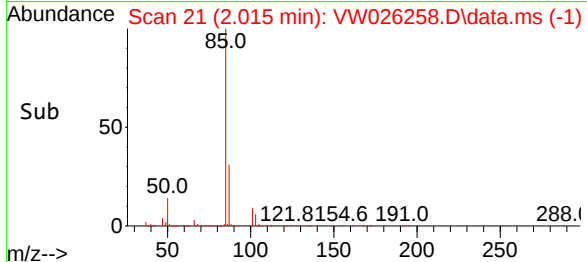
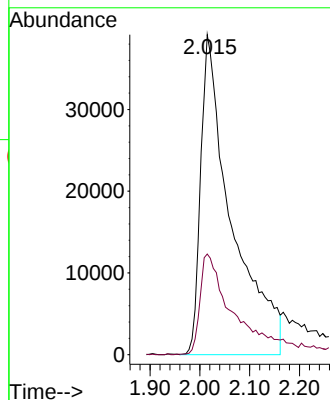
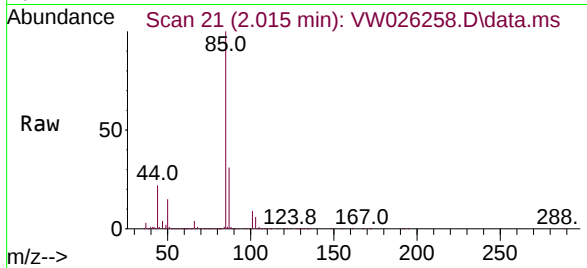




#2
Dichlorodifluoromethane
Concen: 19.432 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

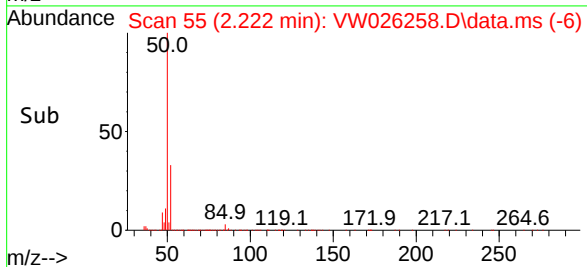
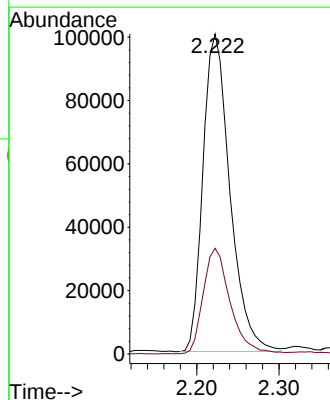
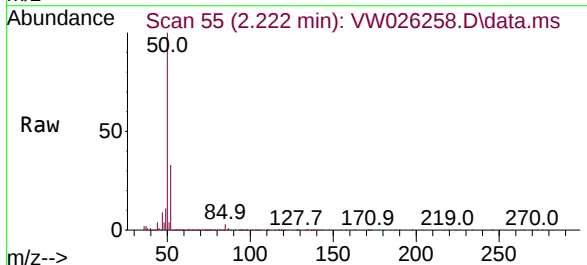
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

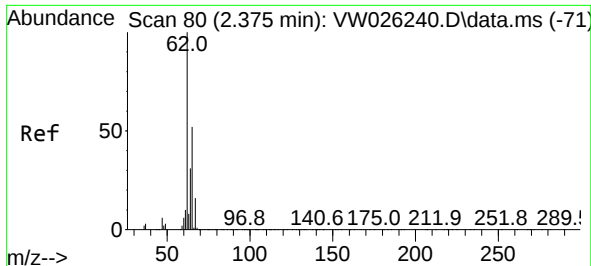
Tgt Ion: 85 Resp: 167542
Ion Ratio Lower Upper
85 100
87 29.5 22.2 33.2



#3
Chloromethane
Concen: 20.679 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 50 Resp: 228613
Ion Ratio Lower Upper
50 100
52 33.0 21.3 39.6

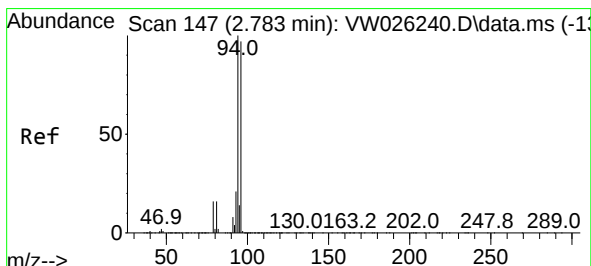
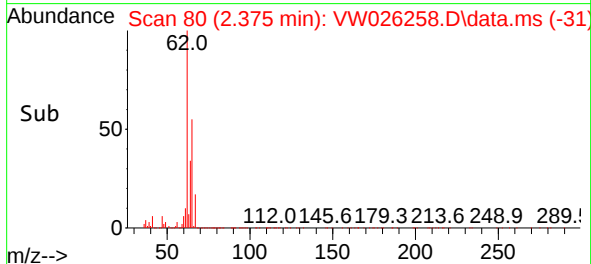
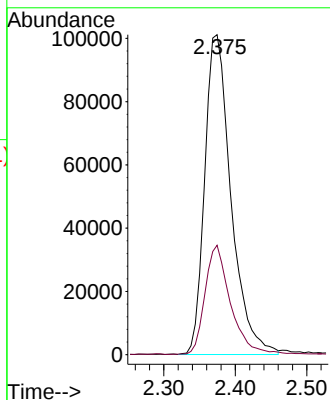
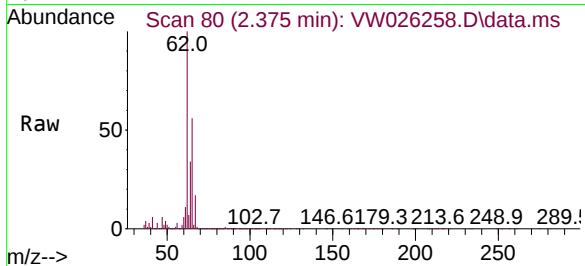




#5
 Vinyl chloride
 Concen: 21.886 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026258.D
 Acq: 20 Jun 2023 09:34

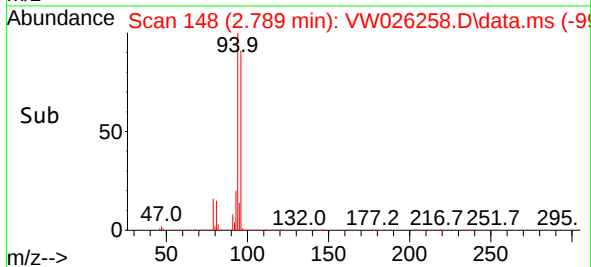
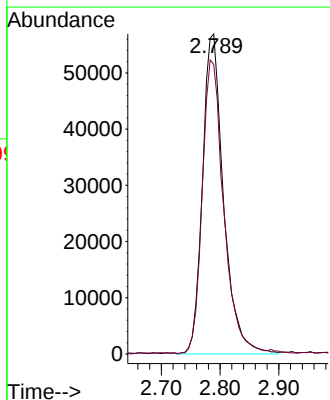
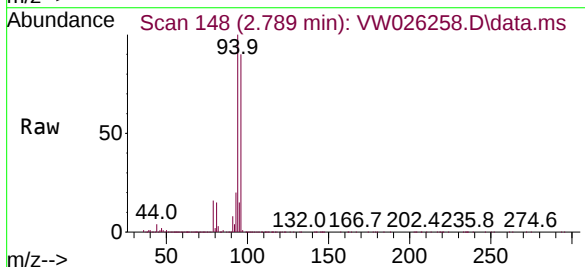
Instrument :
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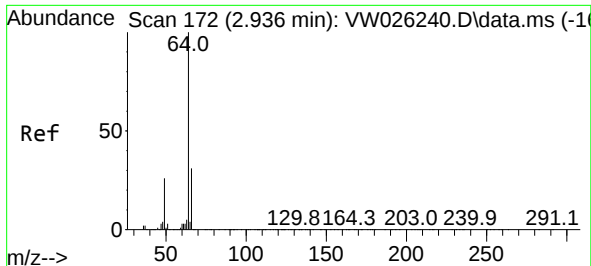
Tgt Ion: 62 Resp: 258628
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.1



#6
 Bromomethane
 Concen: 22.037 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026258.D
 Acq: 20 Jun 2023 09:34

Tgt Ion: 94 Resp: 141962
 Ion Ratio Lower Upper
 94 100
 96 90.5 64.2 119.2

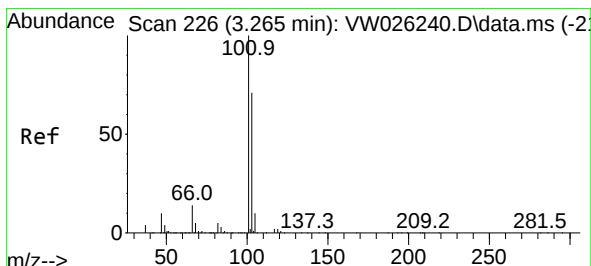
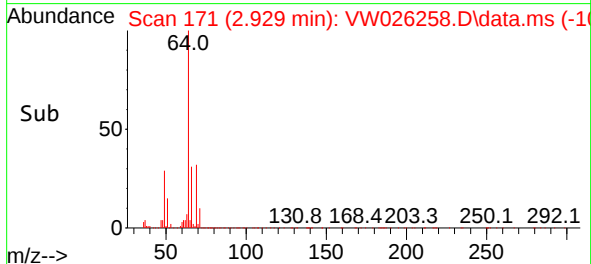
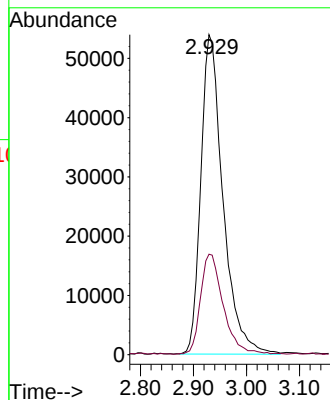
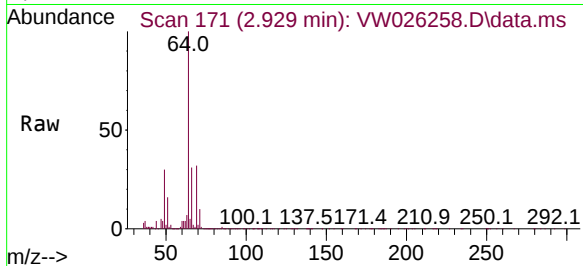




#8
Chloroethane
Concen: 24.442 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.007 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

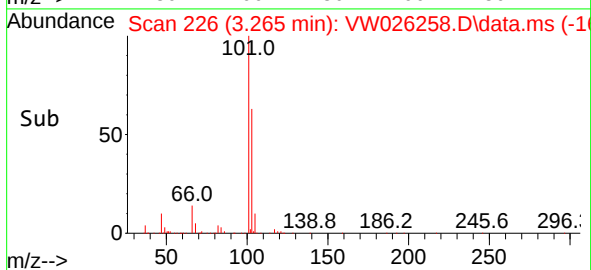
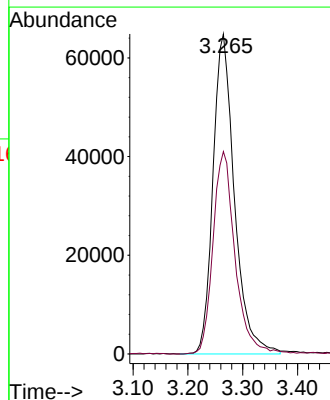
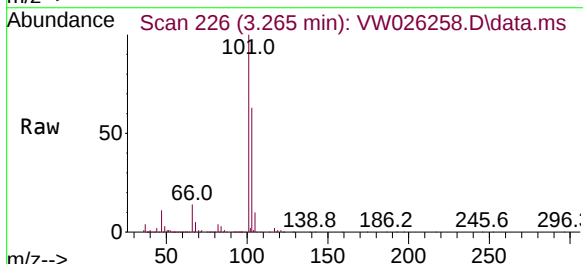
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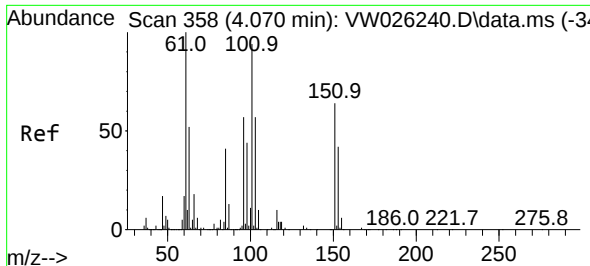
Tgt Ion: 64 Resp: 156080
Ion Ratio Lower Upper
64 100
66 31.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 23.169 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 101 Resp: 176143
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

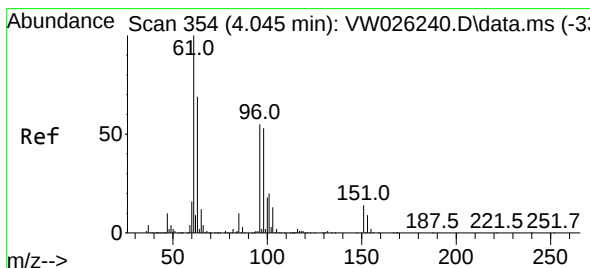
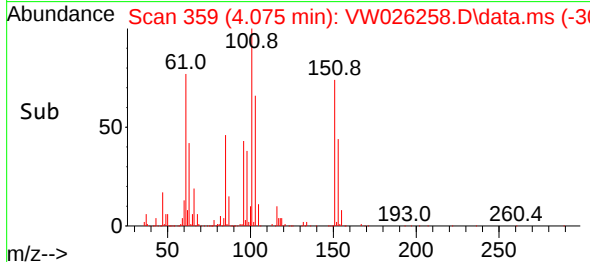
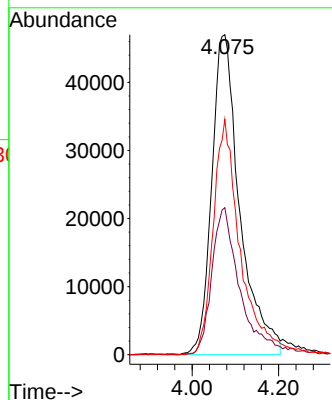
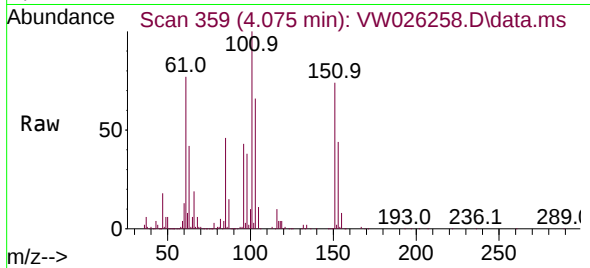




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.069 ug/L
 RT: 4.075 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026258.D
 Acq: 20 Jun 2023 09:34

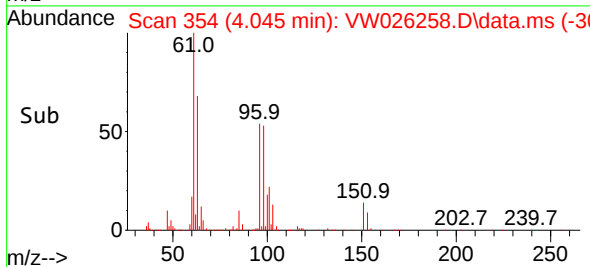
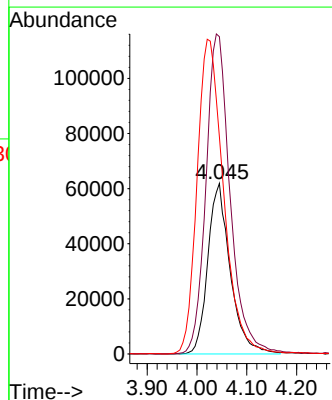
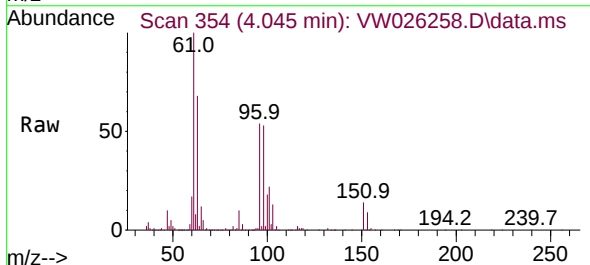
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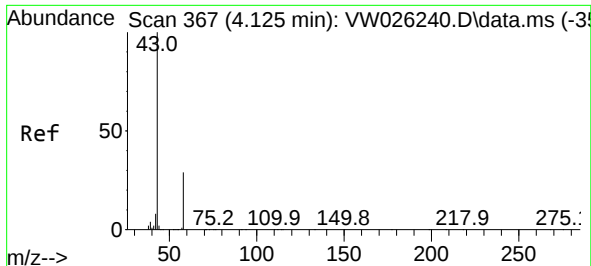
Tgt Ion:101 Resp: 211705
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.1 54.1
 151 69.6 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 21.614 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026258.D
 Acq: 20 Jun 2023 09:34

Tgt Ion: 96 Resp: 193553
 Ion Ratio Lower Upper
 96 100
 61 186.0 140.6 261.0
 63 127.3 131.7 244.5#





#13

Acetone

Concen: 51.809 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

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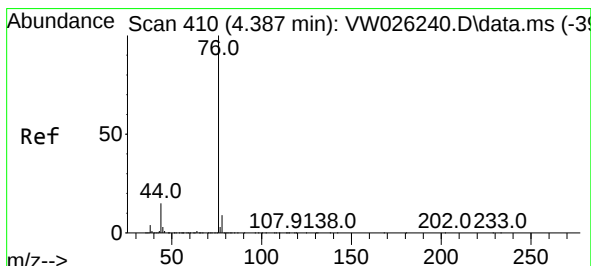
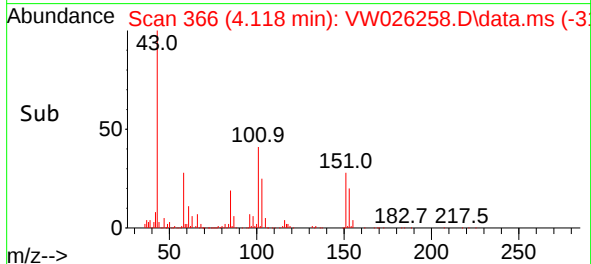
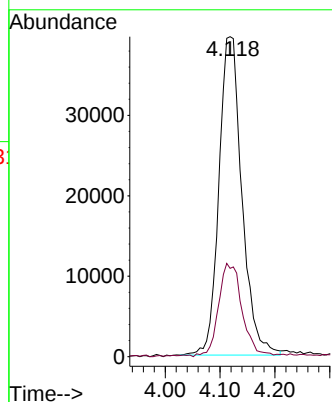
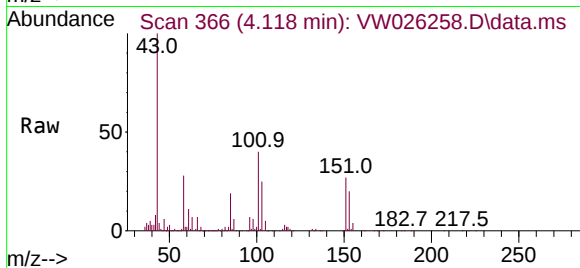
VSTD025525

Tgt Ion: 43 Resp: 115479

Ion Ratio Lower Upper

43 100

58 30.0 0.0 58.2



#14

Carbon disulfide

Concen: 18.907 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.000 min

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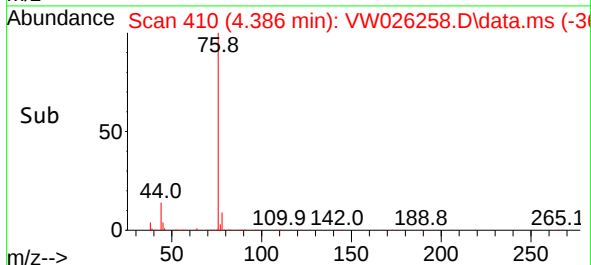
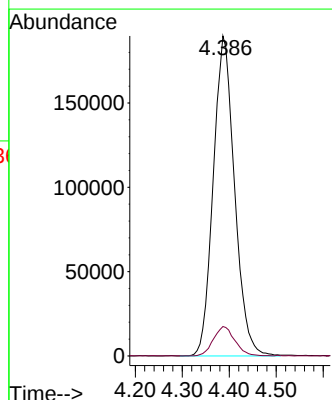
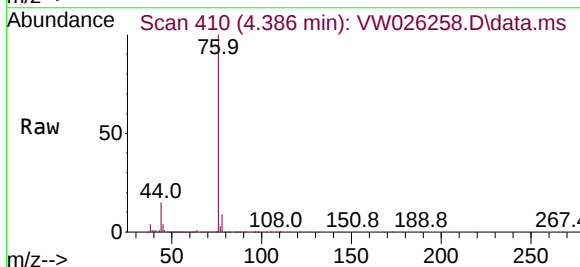
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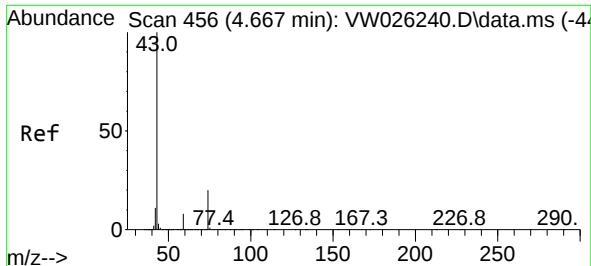
Tgt Ion: 76 Resp: 597697

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

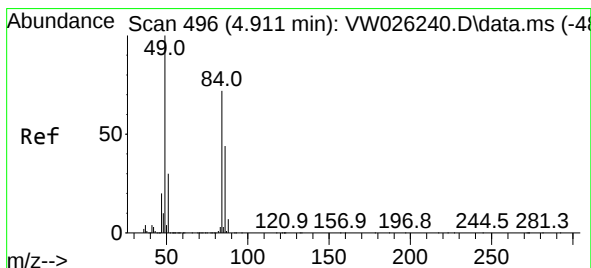
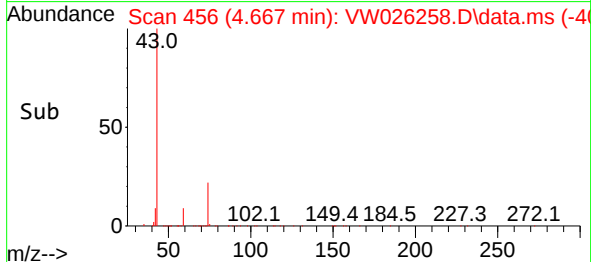
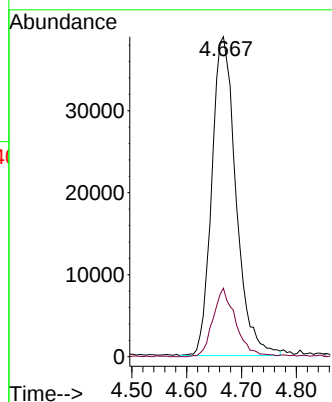
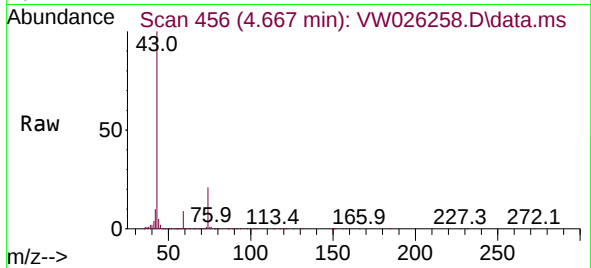




#15
Methyl Acetate
Concen: 23.817 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.007 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

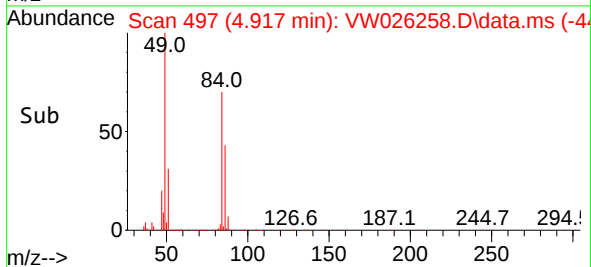
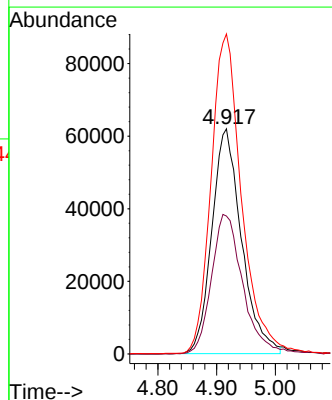
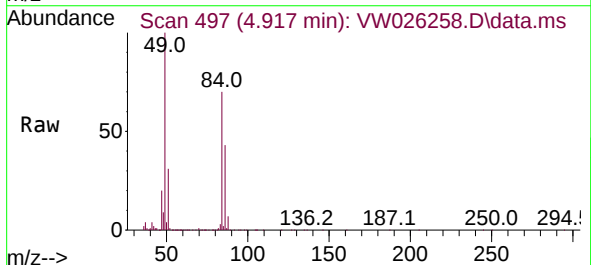
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

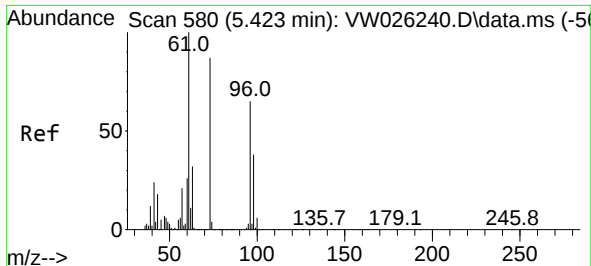
Tgt Ion: 43 Resp: 119144
Ion Ratio Lower Upper
43 100
74 19.2 16.6 25.0



#16
Methylene chloride
Concen: 19.389 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 84 Resp: 217649
Ion Ratio Lower Upper
84 100
86 61.2 44.2 82.0
49 142.1 98.8 183.6

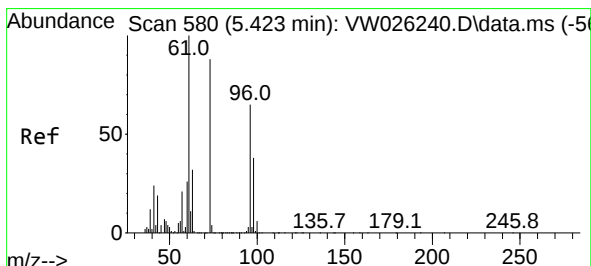
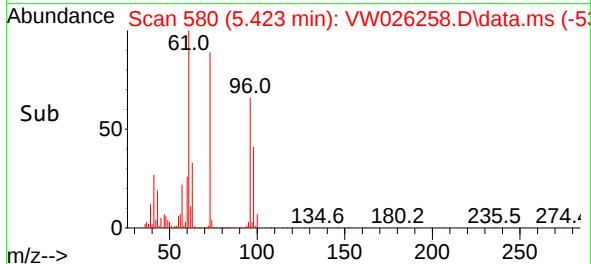
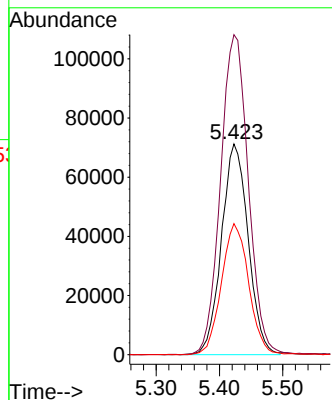
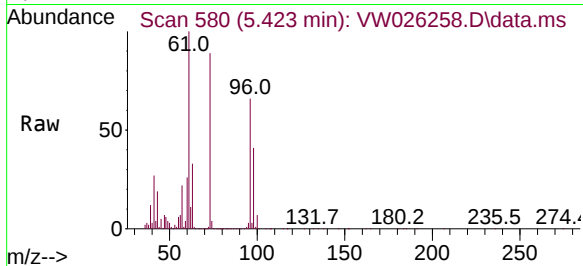




#17
trans-1,2-Dichloroethene
Concen: 20.762 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.007 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

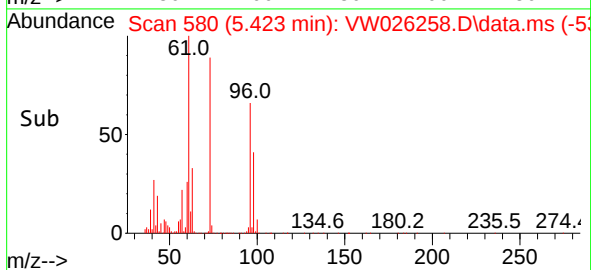
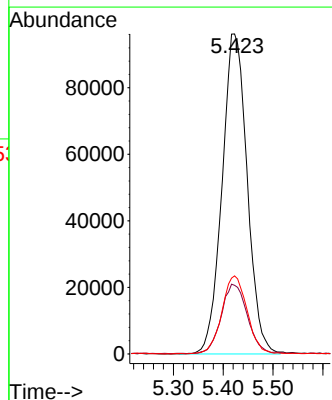
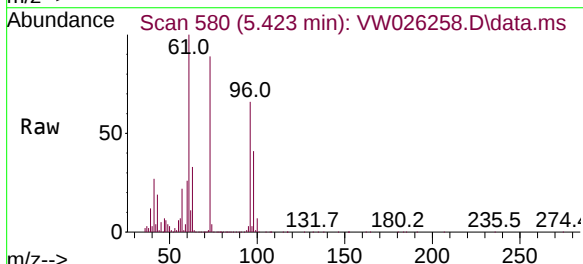
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

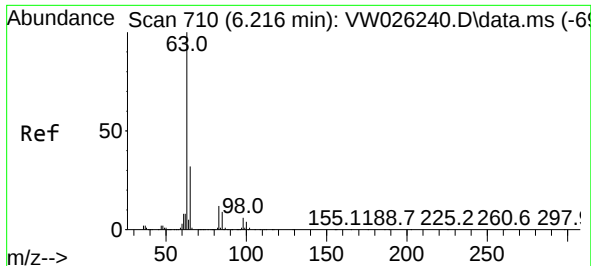
Tgt Ion: 96 Resp: 208595
Ion Ratio Lower Upper
96 100
61 151.8 113.0 209.8
98 62.2 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.268 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.007 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 73 Resp: 336777
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.6
57 24.5 18.9 28.3





#19

1,1-Dichloroethane

Concen: 22.094 ug/L

RT: 6.209 min Scan# 709

Delta R.T. -0.007 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

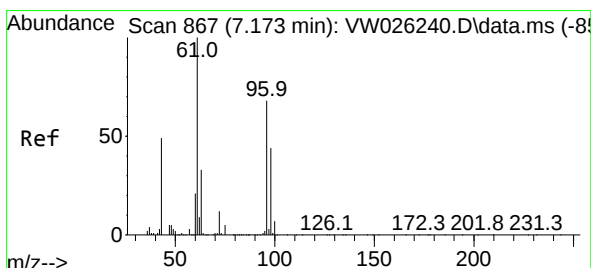
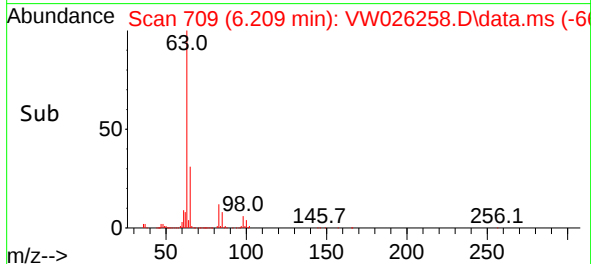
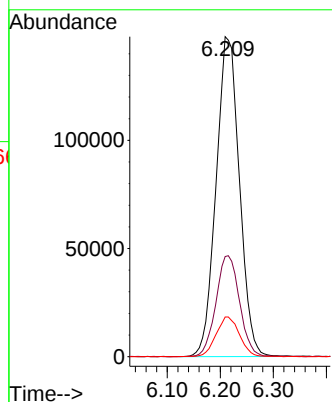
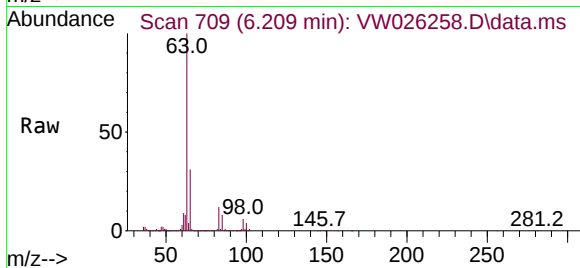
Tgt Ion: 63 Resp: 451912

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 12.4 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 22.084 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

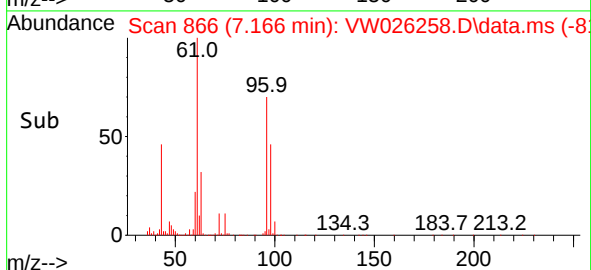
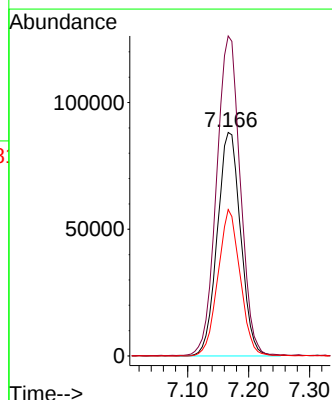
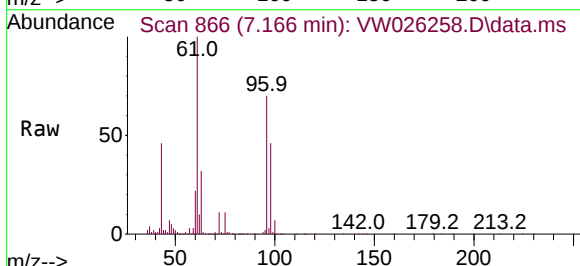
Tgt Ion: 96 Resp: 235021

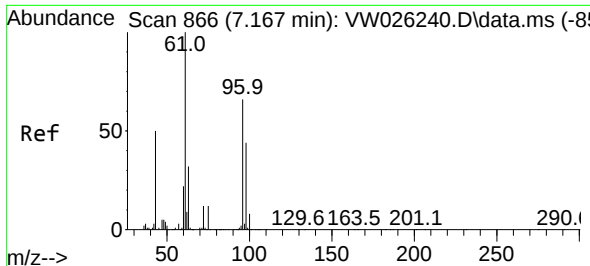
Ion Ratio Lower Upper

96 100

61 143.1 98.4 182.8

98 65.5 45.2 84.0

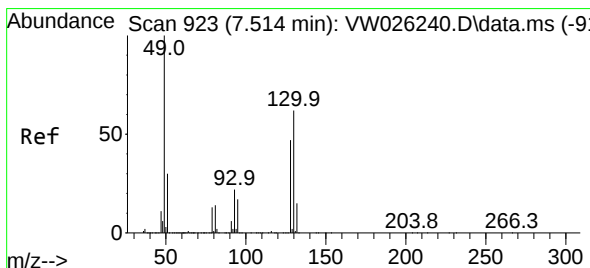
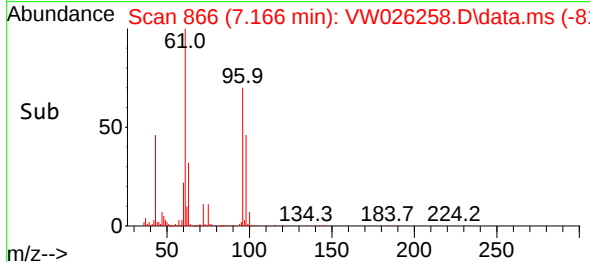
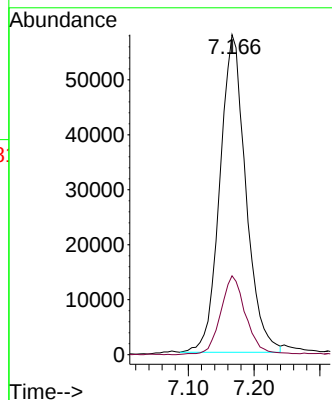
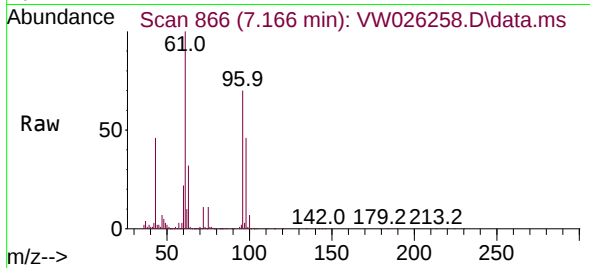




#22
2-Butanone
Concen: 49.920 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

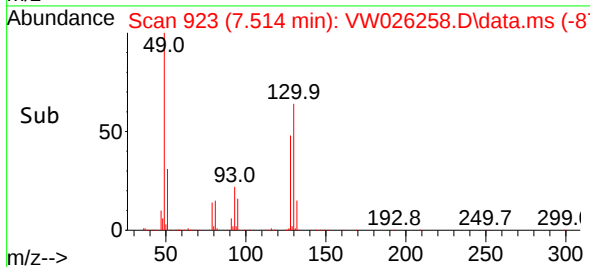
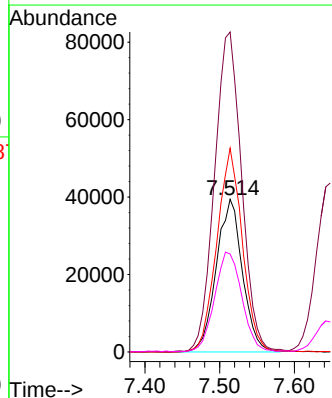
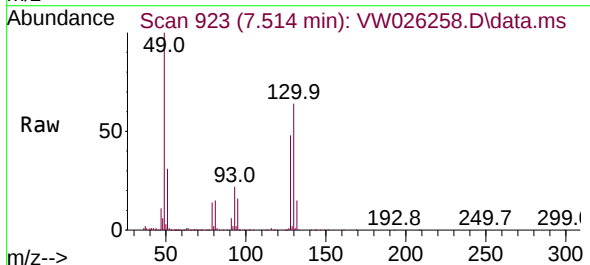
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

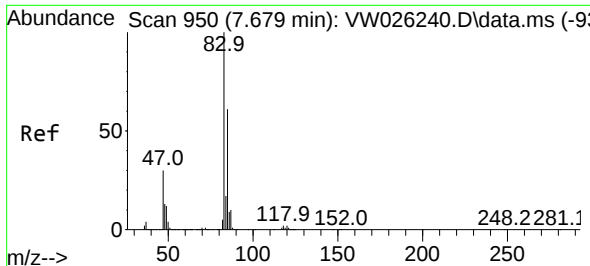
Tgt Ion: 43 Resp: 158721
Ion Ratio Lower Upper
43 100
72 23.8 12.4 37.4



#23
Bromochloromethane
Concen: 21.162 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 128 Resp: 96048
Ion Ratio Lower Upper
128 100
49 209.7 140.6 261.0
130 133.4 86.0 159.6
51 64.2 53.6 80.4

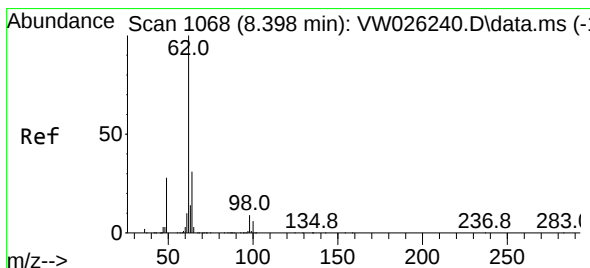
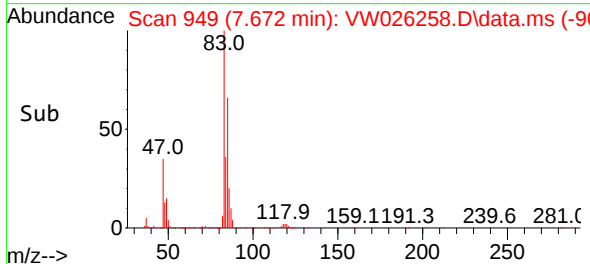
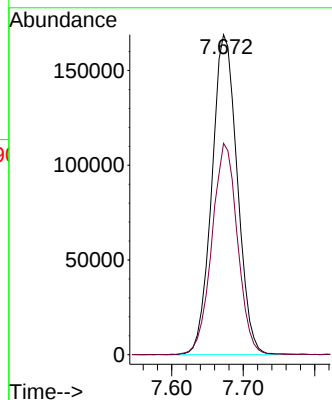
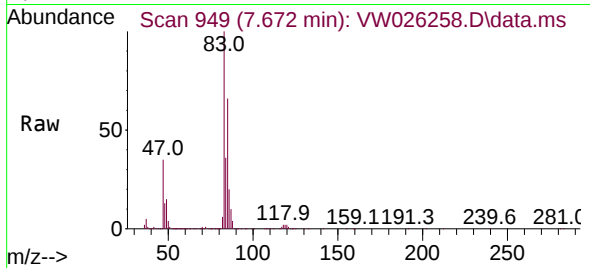




#25
Chloroform
Concen: 21.871 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

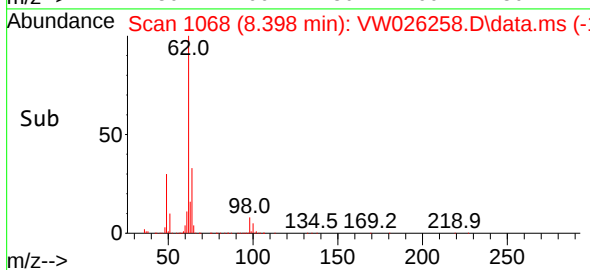
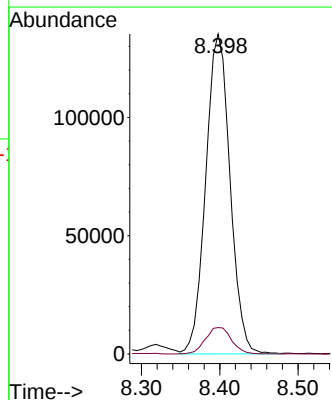
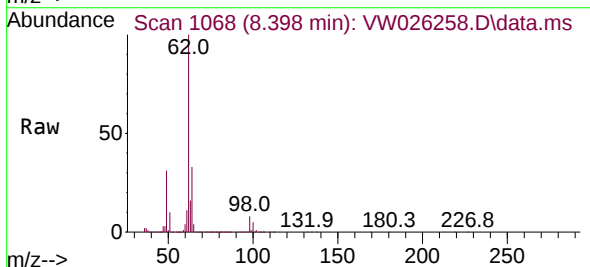
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

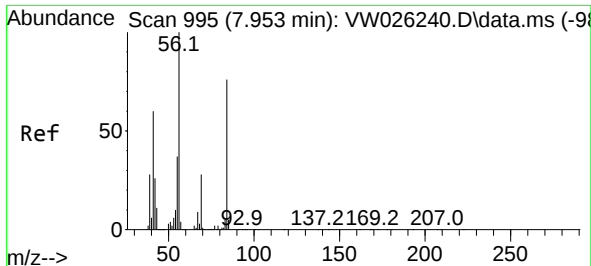
Tgt Ion: 83 Resp: 416674
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.197 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 62 Resp: 291652
Ion Ratio Lower Upper
62 100
98 8.2 7.4 11.2

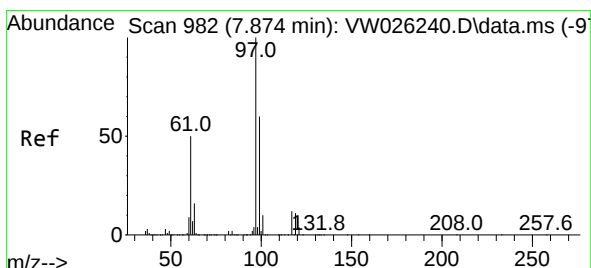
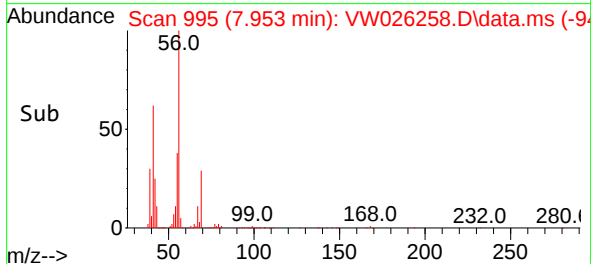
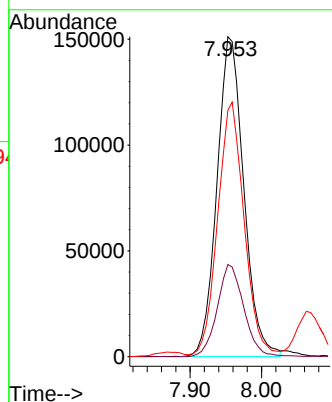
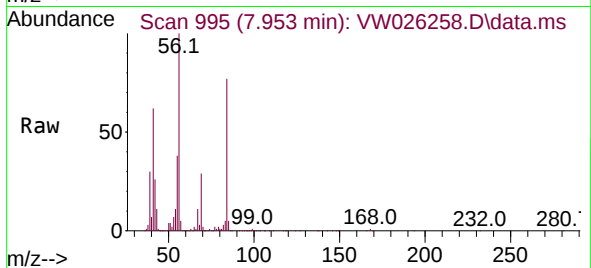




#29
Cyclohexane
Concen: 19.973 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.007 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

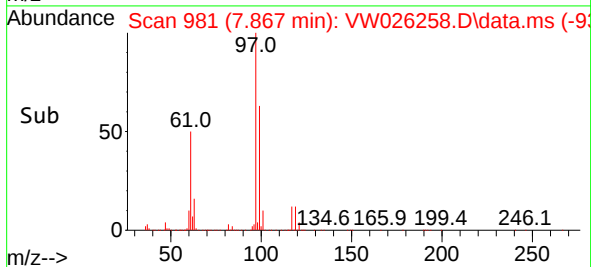
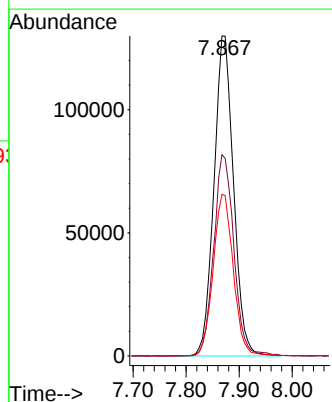
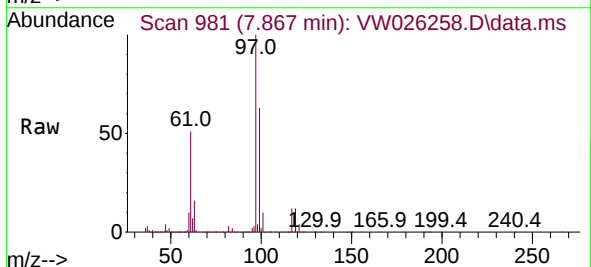
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

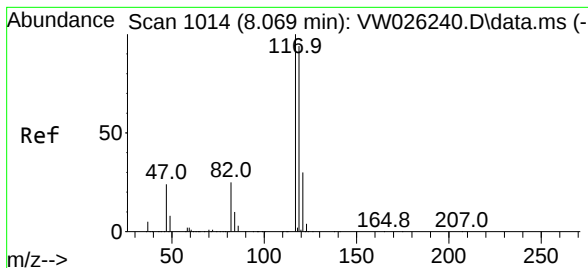
Tgt Ion: 56 Resp: 393301
Ion Ratio Lower Upper
56 100
69 28.5 23.3 34.9
84 78.6 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 21.508 ug/L
RT: 7.867 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 97 Resp: 332910
Ion Ratio Lower Upper
97 100
99 65.0 50.6 76.0
61 51.6 40.5 60.7

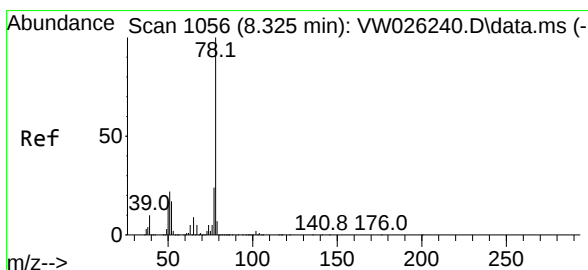
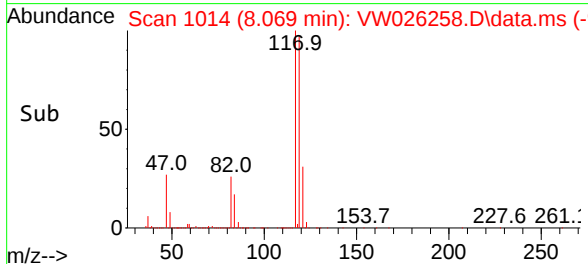
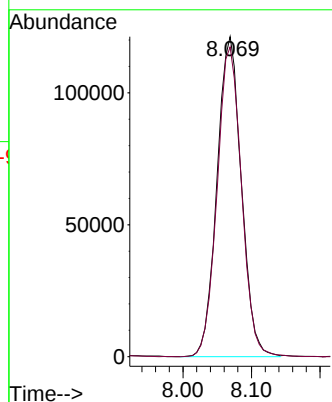
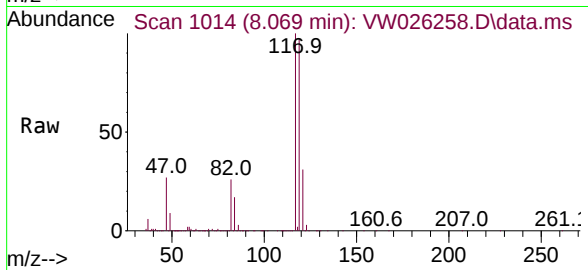




#31
Carbon tetrachloride
Concen: 21.159 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

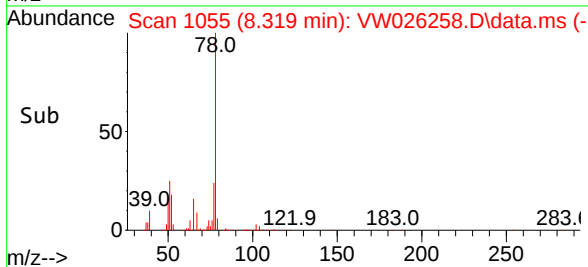
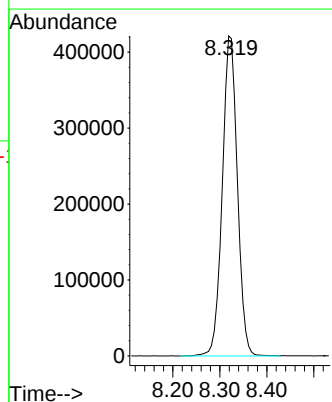
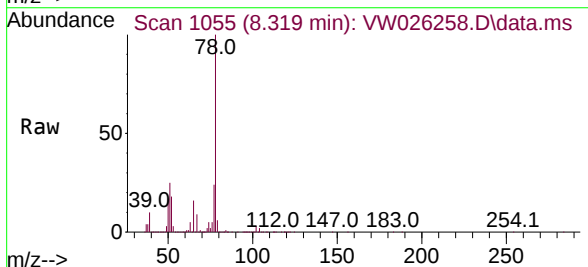
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

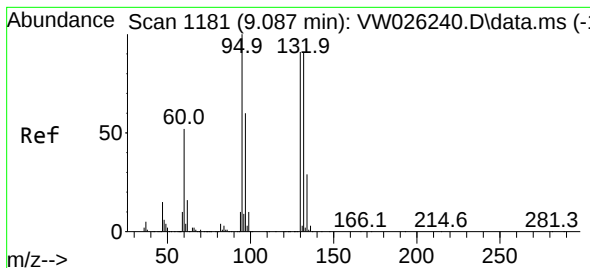
Tgt Ion:117 Resp: 298867
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.2



#33
Benzene
Concen: 21.549 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.007 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 78 Resp: 941560





#34

Trichloroethene

Concen: 20.690 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.007 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

Tgt Ion: 95 Resp: 231483

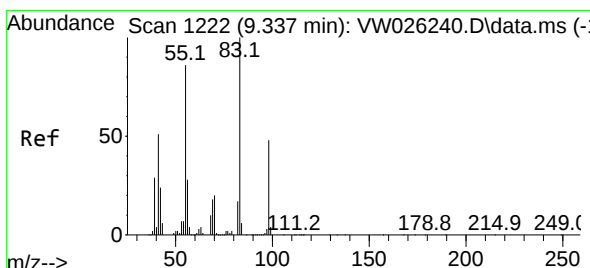
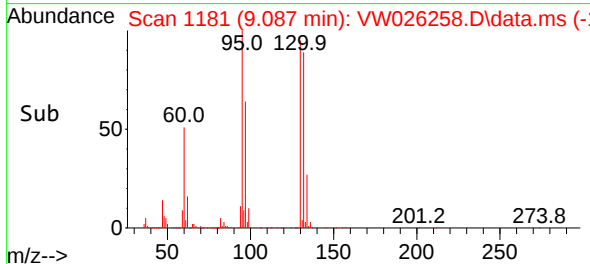
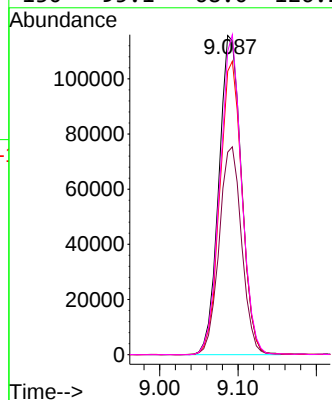
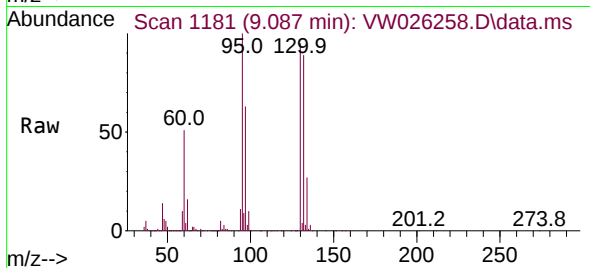
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 88.8 67.1 124.7

130 95.1 68.0 126.2



#35

Methylcyclohexane

Concen: 20.576 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

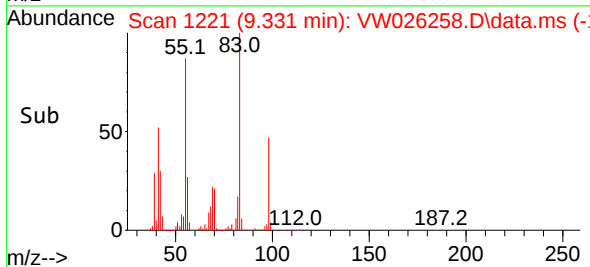
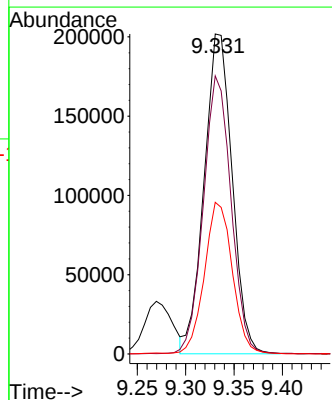
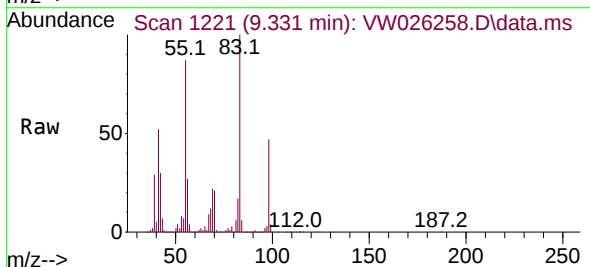
Tgt Ion: 83 Resp: 407358

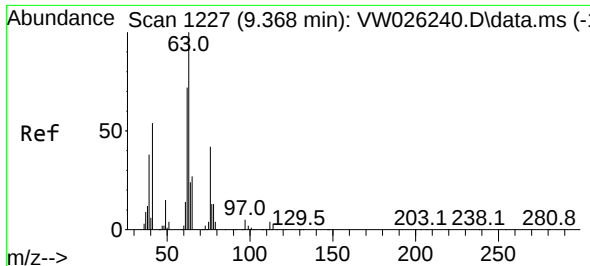
Ion Ratio Lower Upper

83 100

55 86.0 68.2 102.4

98 47.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 22.040 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

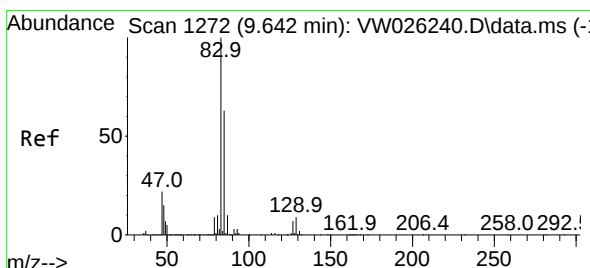
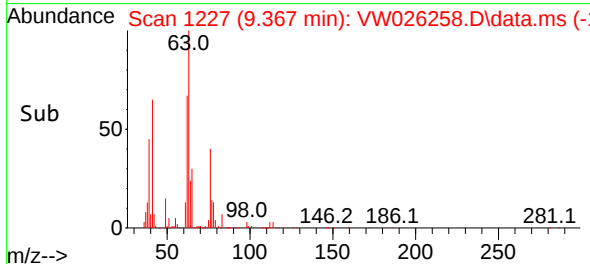
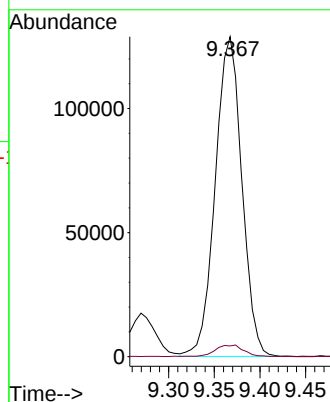
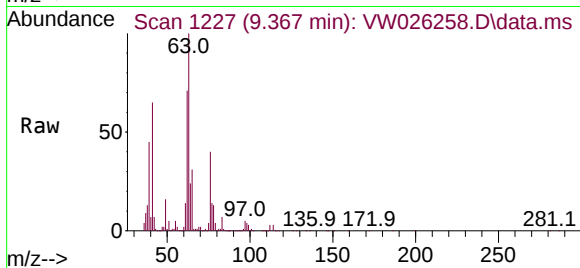
VSTD025525

Tgt Ion: 63 Resp: 260836

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 21.480 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

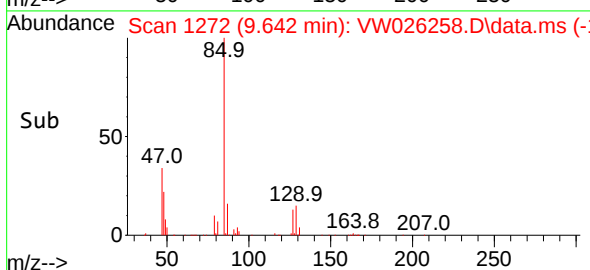
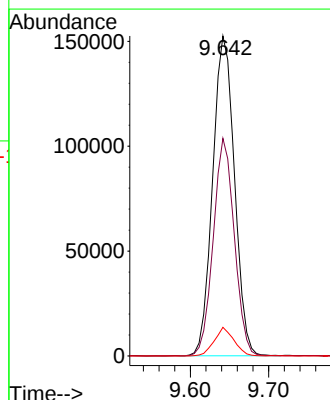
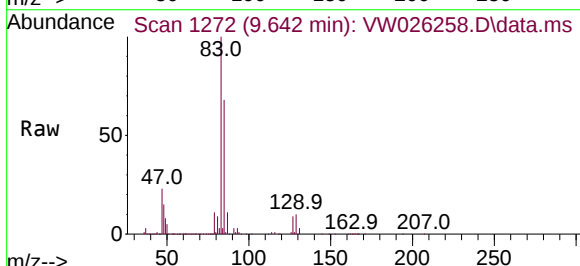
Tgt Ion: 83 Resp: 295338

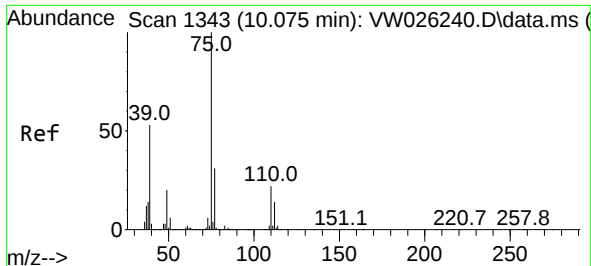
Ion Ratio Lower Upper

83 100

85 68.0 44.2 82.0

127 9.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.852 ug/L

RT: 10.074 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

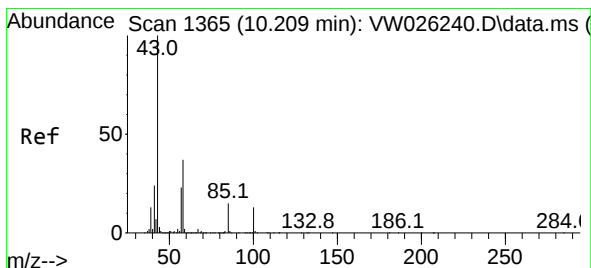
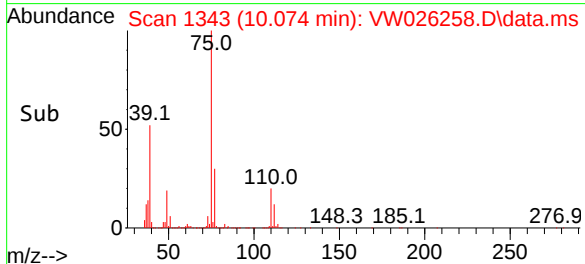
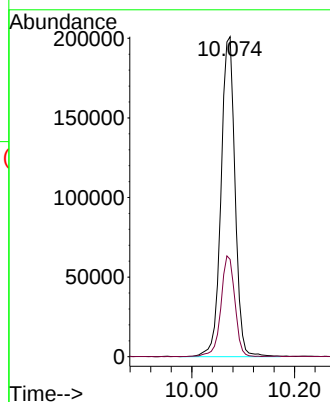
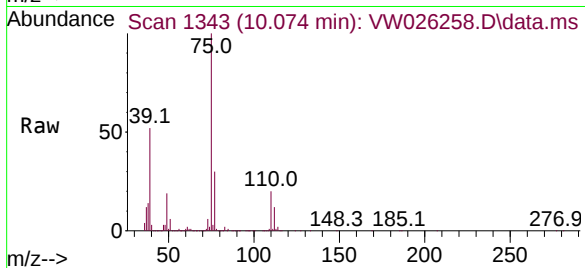
VSTD025525

Tgt Ion: 75 Resp: 380030

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 46.892 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

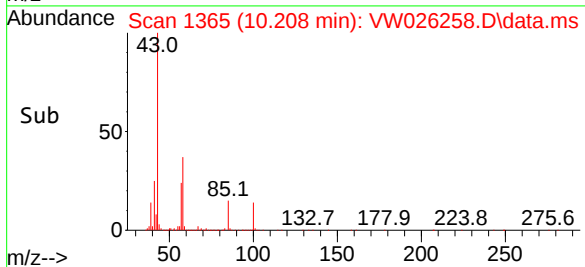
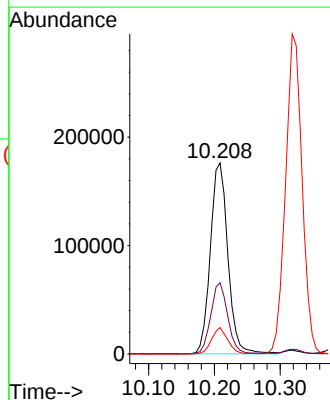
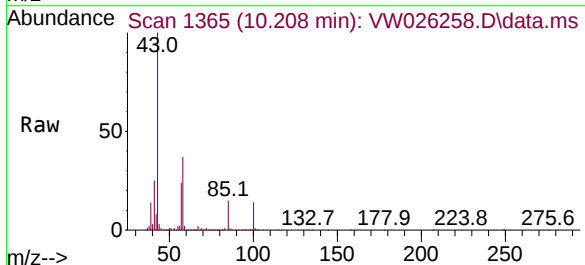
Tgt Ion: 43 Resp: 327174

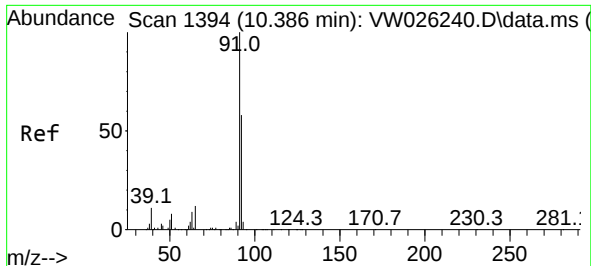
Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.4

100 12.8 10.5 15.7

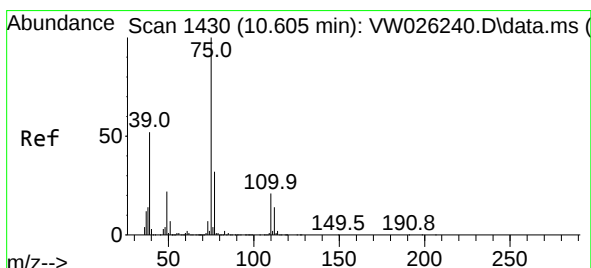
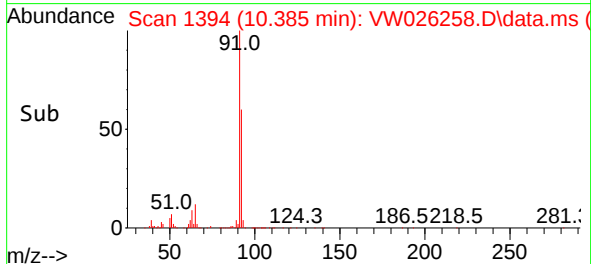
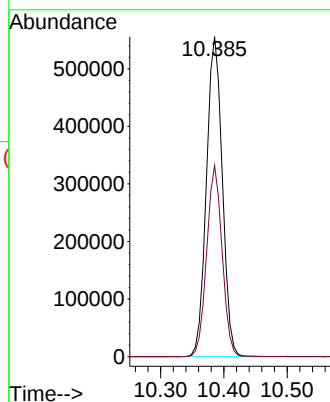
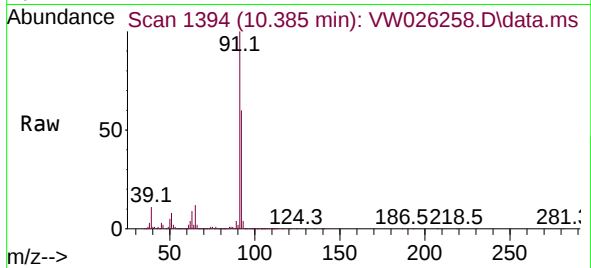




#42
Toluene
Concen: 21.729 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

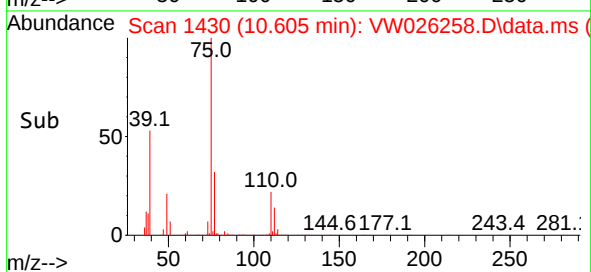
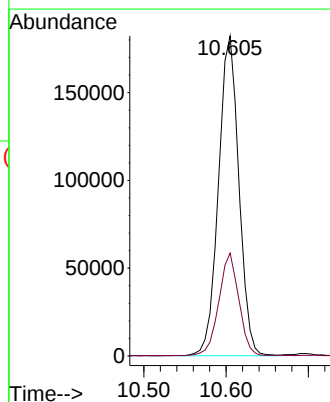
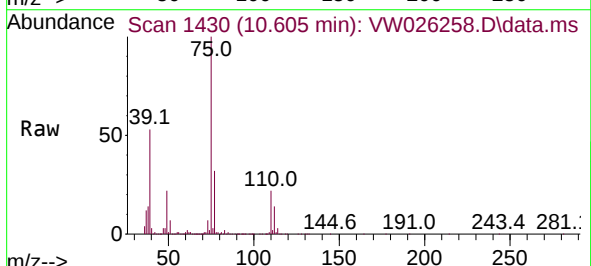
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

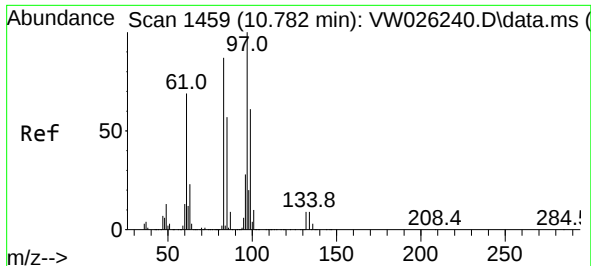
Tgt Ion: 91 Resp: 971083
Ion Ratio Lower Upper
91 100
92 59.7 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.694 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 75 Resp: 314321
Ion Ratio Lower Upper
75 100
77 32.1 21.1 39.3



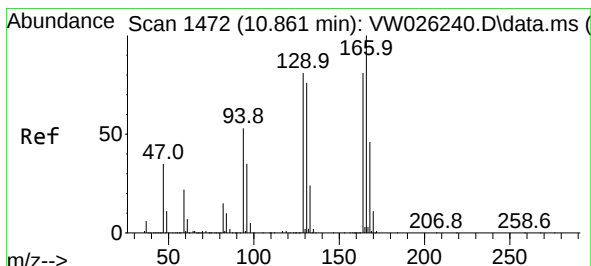
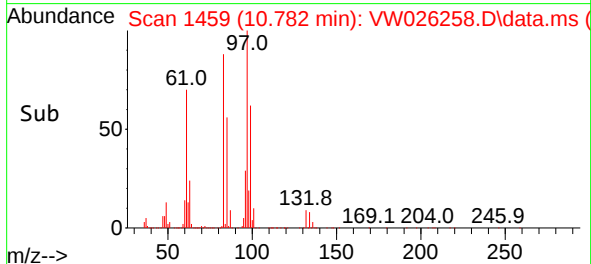
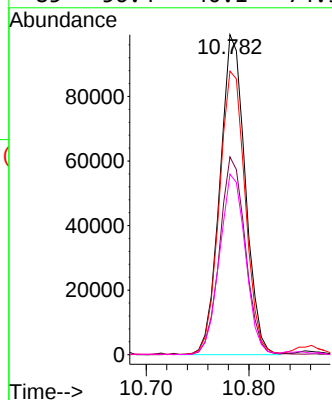
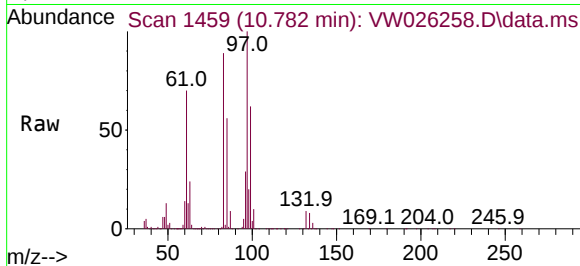


#45
1,1,2-Trichloroethane
Concen: 21.769 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Tgt Ion: 97 Resp: 169788

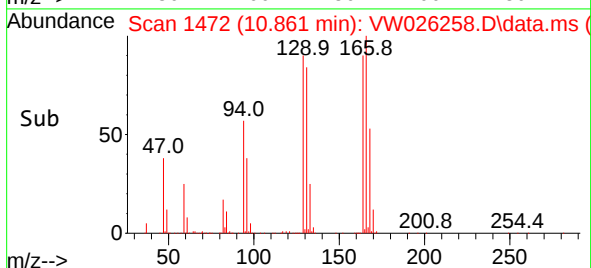
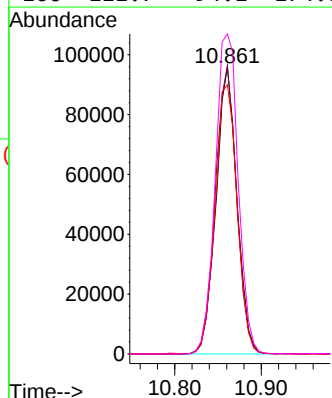
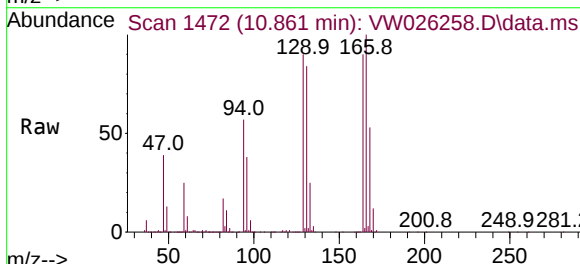
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.5
83	88.6	62.9	116.9
85	56.4	40.1	74.5

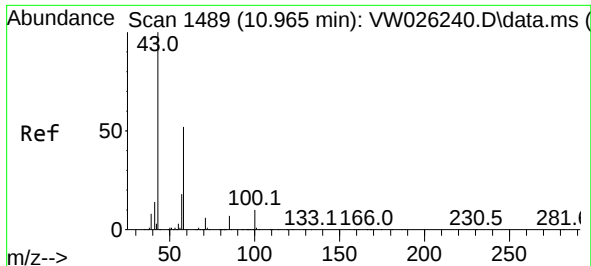


#46
Tetrachloroethene
Concen: 20.362 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 164 Resp: 161134

Ion	Ratio	Lower	Upper
164	100		
129	100.7	68.5	127.1
131	93.9	67.1	124.7
166	111.7	94.1	174.8



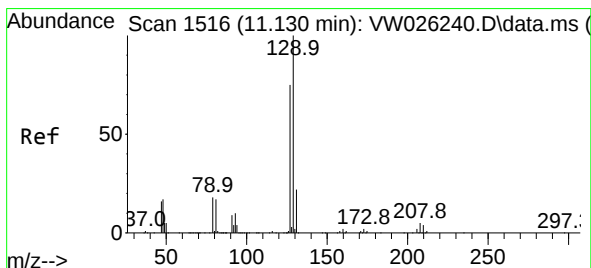
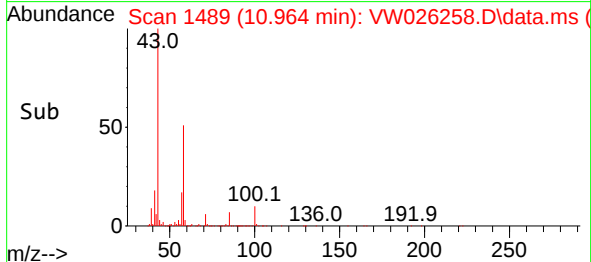
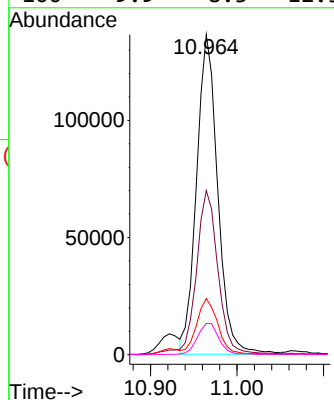
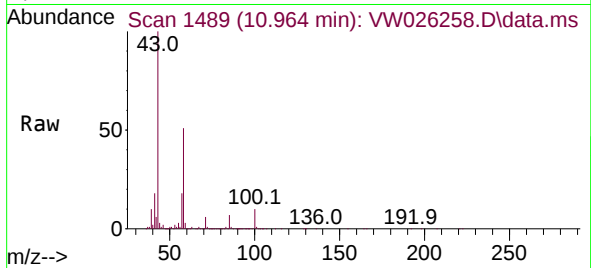


#48
2-Hexanone
Concen: 47.144 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Tgt Ion: 43 Resp: 231932

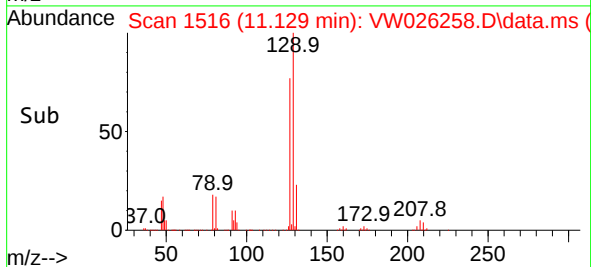
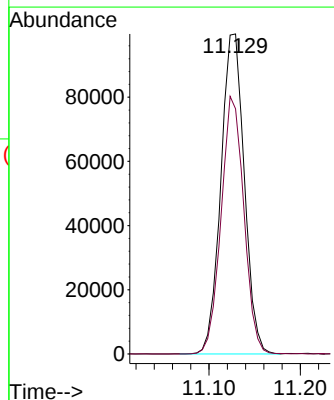
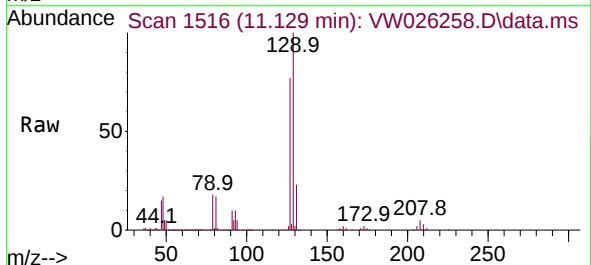
Ion	Ratio	Lower	Upper
43	100		
58	50.8	42.2	63.2
57	16.9	14.2	21.2
100	9.9	8.3	12.5

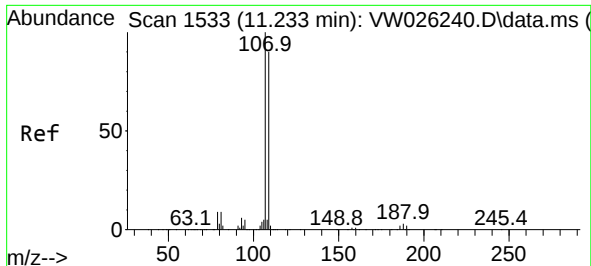


#49
Dibromochloromethane
Concen: 21.773 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 129 Resp: 178050

Ion	Ratio	Lower	Upper
129	100		
127	76.6	56.9	105.7

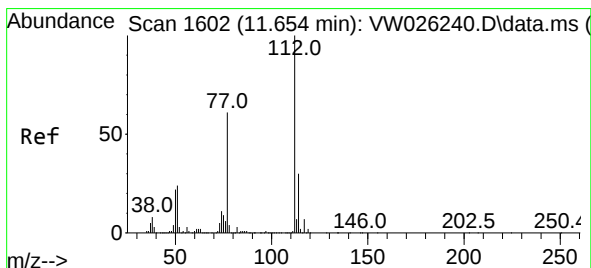
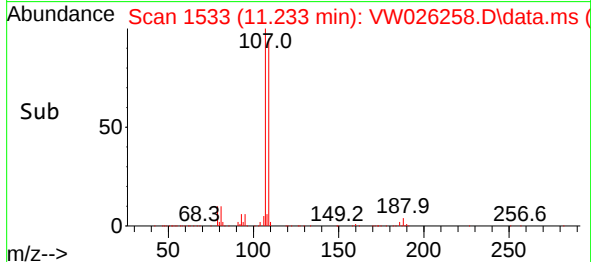
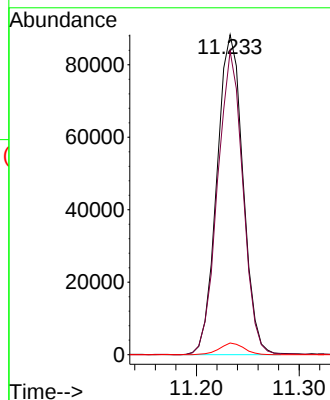
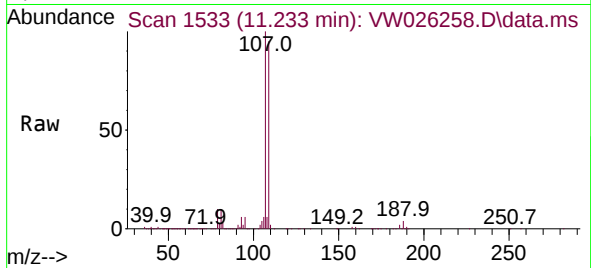




#50
1,2-Dibromoethane
Concen: 21.539 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

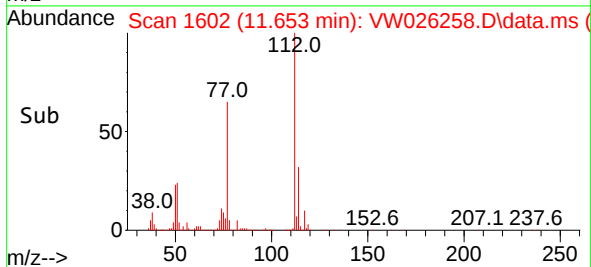
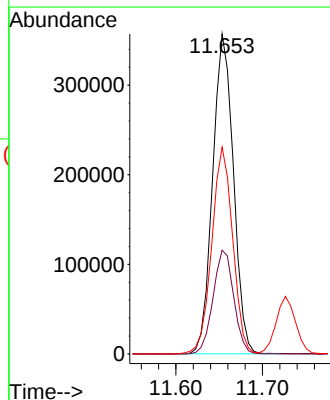
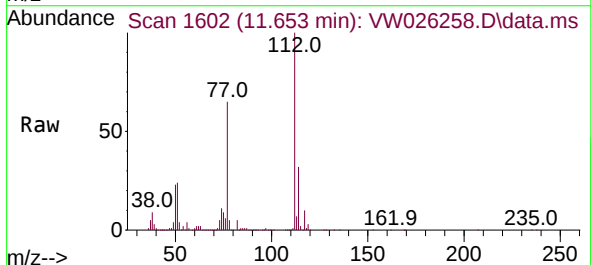
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

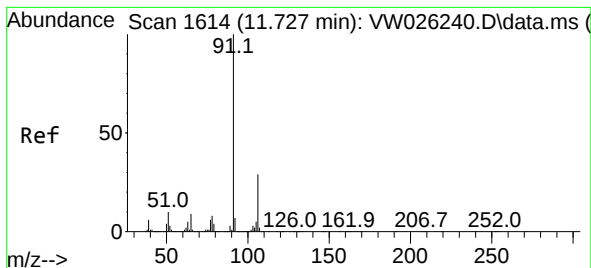
Tgt Ion:107 Resp: 155553
Ion Ratio Lower Upper
107 100
109 94.8 64.0 119.0
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 21.227 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion:112 Resp: 594449
Ion Ratio Lower Upper
112 100
114 32.4 23.0 42.6
77 64.6 50.9 76.3

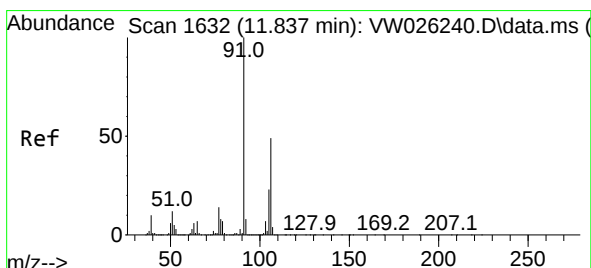
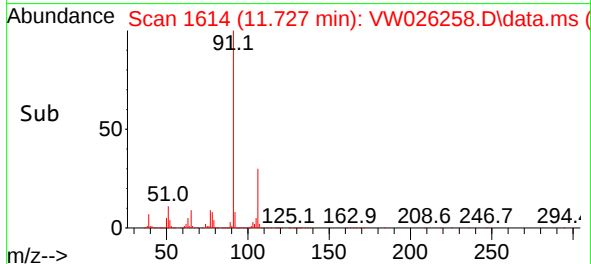
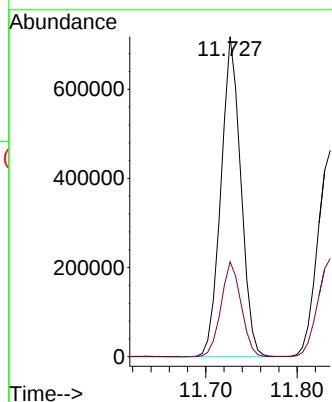
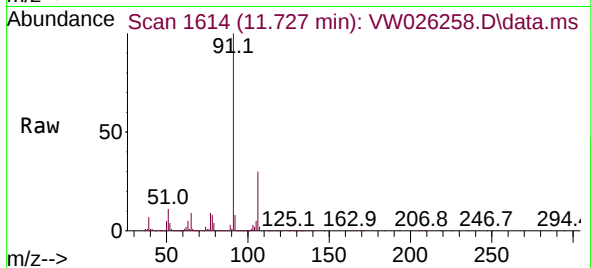




#52
Ethylbenzene
Concen: 21.526 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

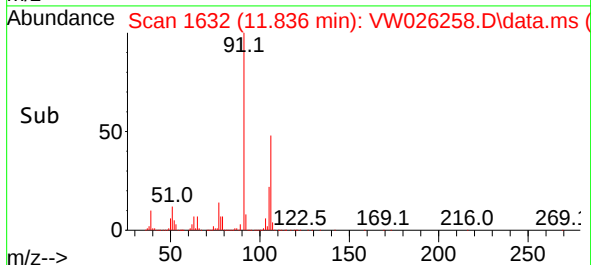
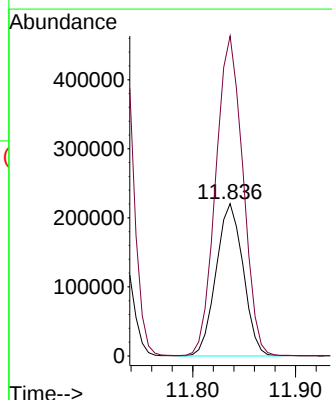
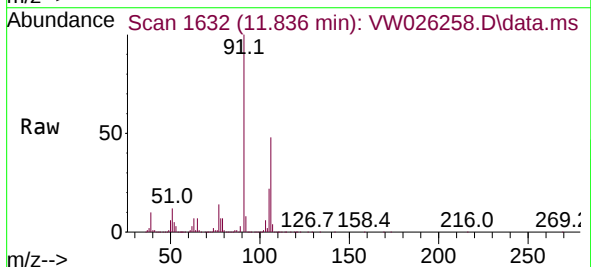
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

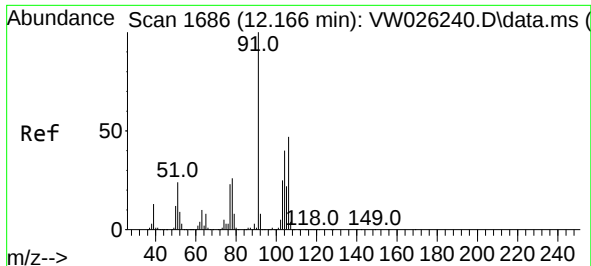
Tgt Ion: 91 Resp: 1085197
Ion Ratio Lower Upper
91 100
106 29.7 21.2 39.4



#53
m,p-Xylene
Concen: 21.540 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion: 106 Resp: 403973
Ion Ratio Lower Upper
106 100
91 210.2 149.5 277.7

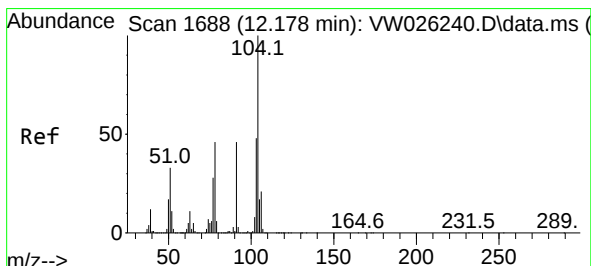
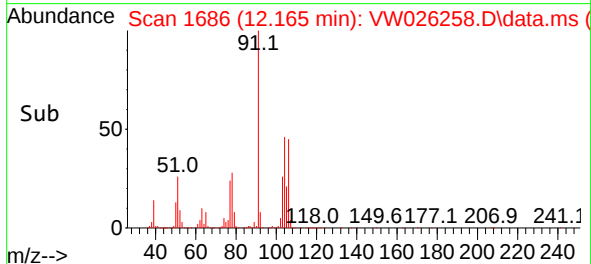
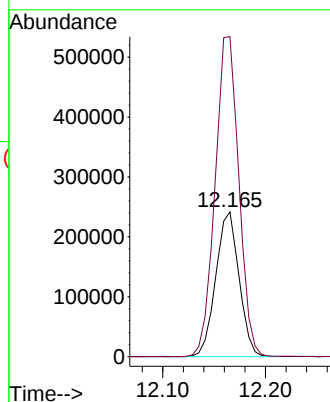
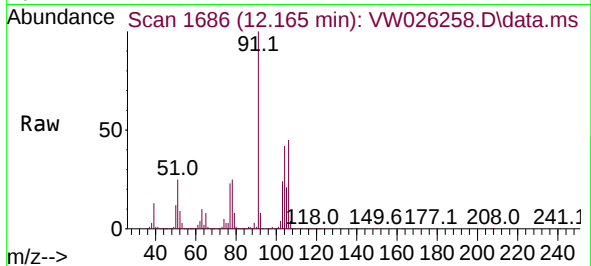




#54
o-Xylene
Concen: 21.462 ug/L
RT: 12.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

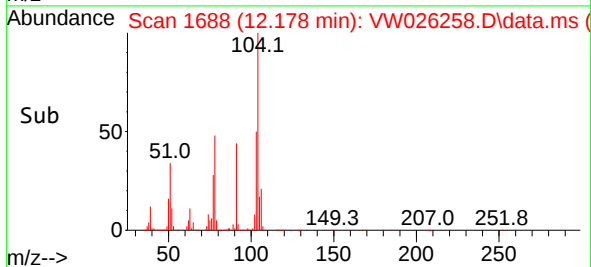
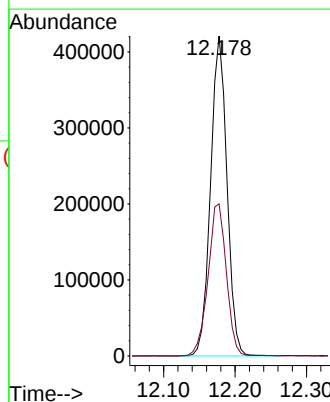
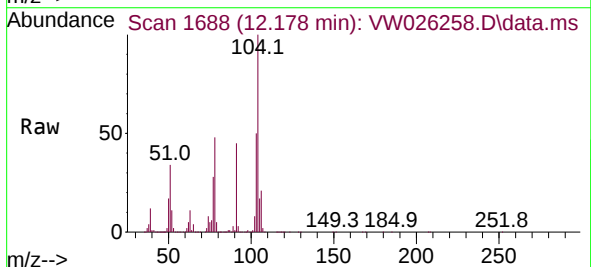
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

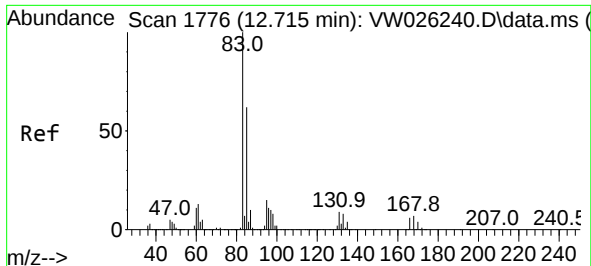
Tgt Ion:106 Resp: 379894
Ion Ratio Lower Upper
106 100
91 220.9 150.9 280.3



#55
Styrene
Concen: 22.032 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion:104 Resp: 669060
Ion Ratio Lower Upper
104 100
78 47.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.533 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

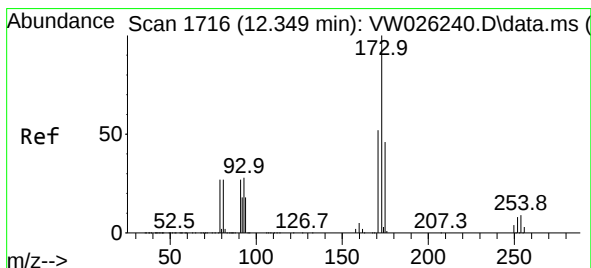
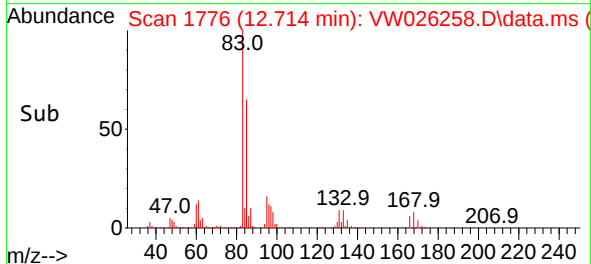
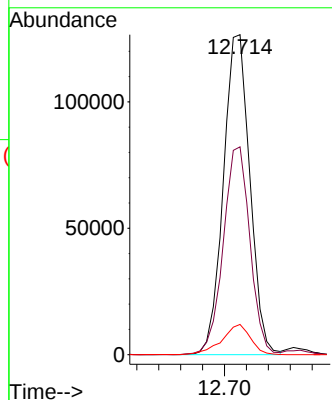
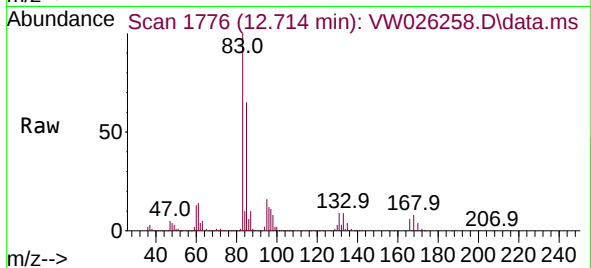
Tgt Ion: 83 Resp: 212698

Ion Ratio Lower Upper

83 100

85 65.0 42.6 79.0

131 9.4 7.2 10.8



#59

Bromoform

Concen: 20.465 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

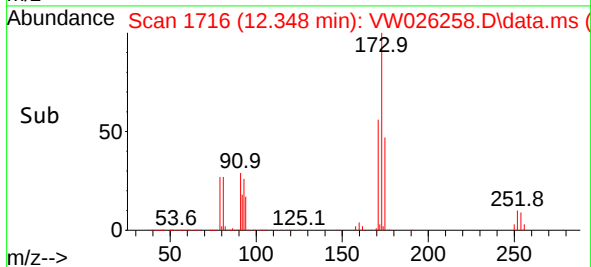
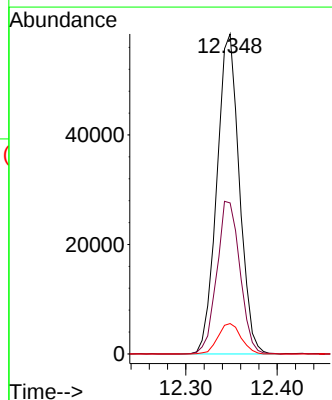
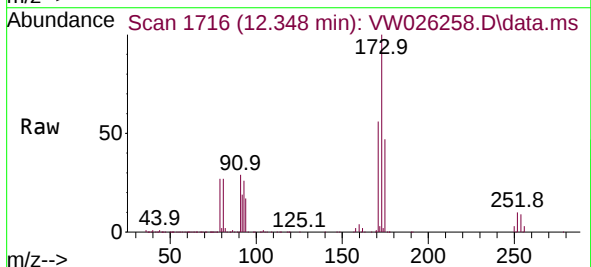
Tgt Ion:173 Resp: 99931

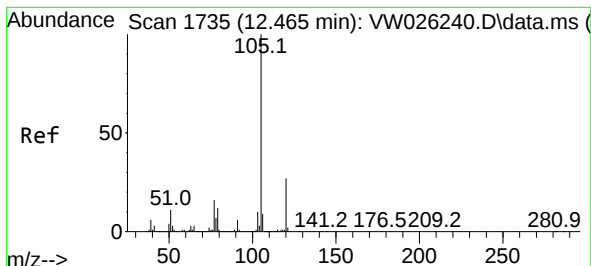
Ion Ratio Lower Upper

173 100

175 49.1 38.6 57.8

254 9.8 7.4 11.0





#60

Isopropylbenzene

Concen: 20.838 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

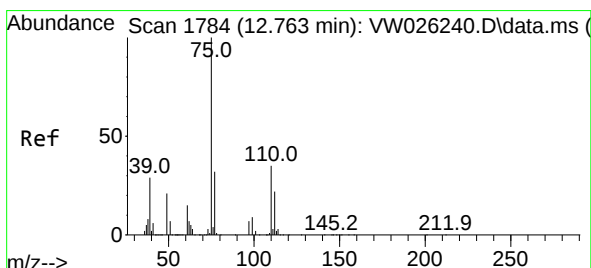
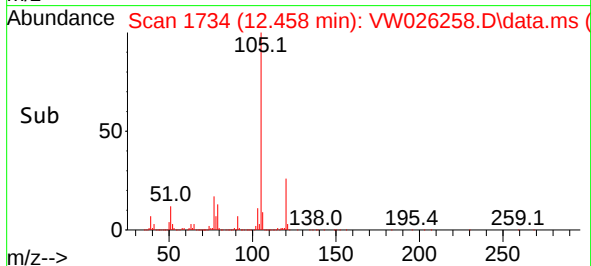
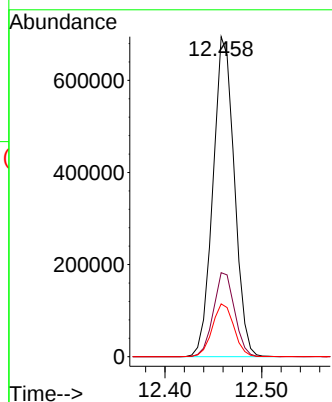
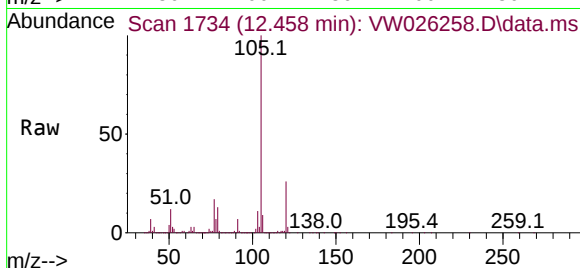
Tgt Ion:105 Resp: 1064234

Ion Ratio Lower Upper

105 100

120 26.2 19.8 29.8

77 16.7 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 21.278 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

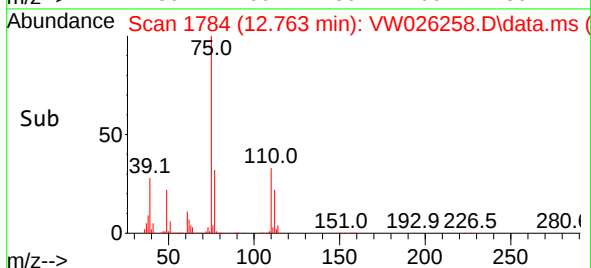
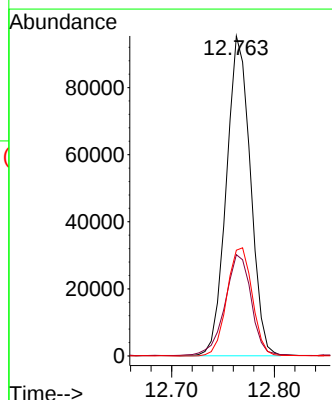
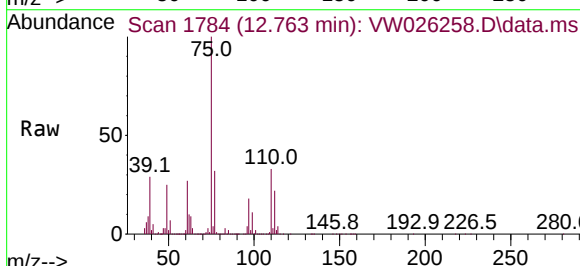
Tgt Ion: 75 Resp: 154950

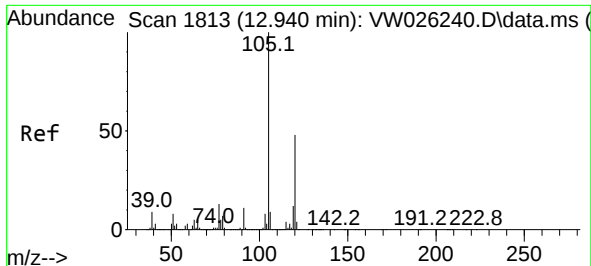
Ion Ratio Lower Upper

75 100

77 34.4 25.2 37.8

110 35.7 28.7 43.1

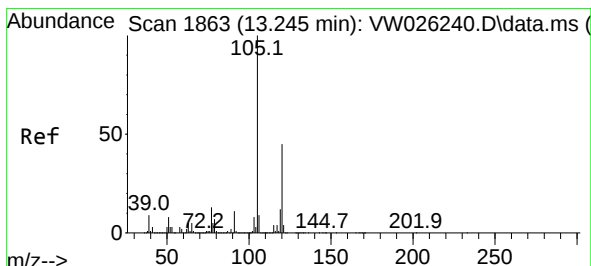
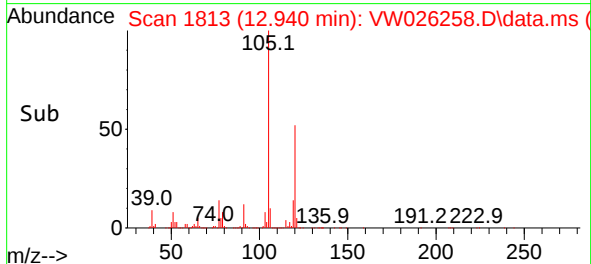
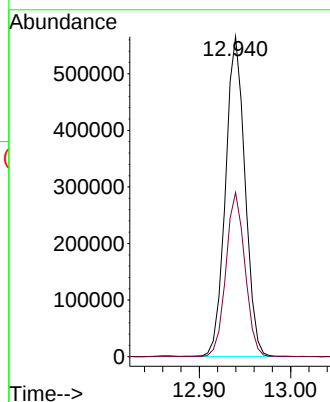
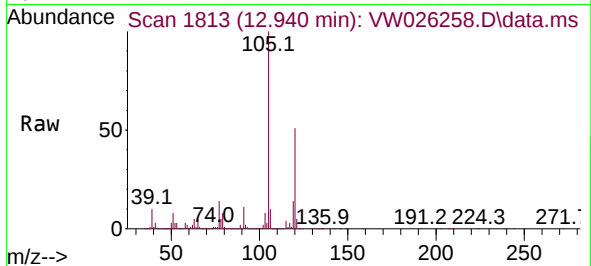




#62
1,3,5-Trimethylbenzene
Concen: 20.674 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

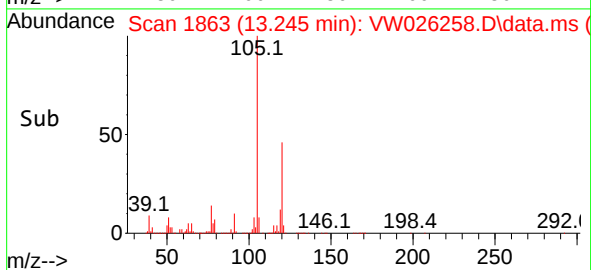
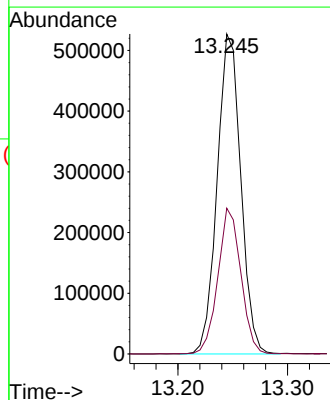
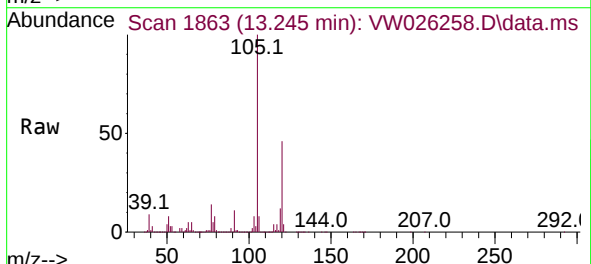
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

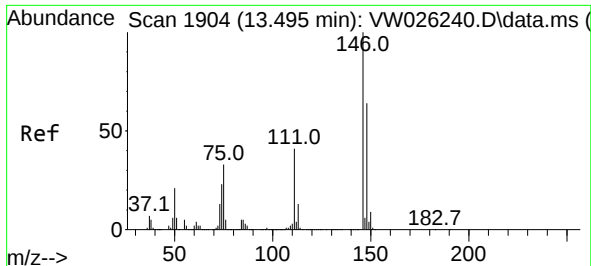
Tgt Ion:105 Resp: 839356
Ion Ratio Lower Upper
105 100
120 50.1 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 21.221 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion:105 Resp: 789104
Ion Ratio Lower Upper
105 100
120 44.0 36.2 54.2

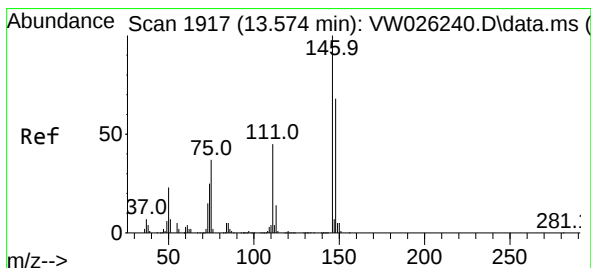
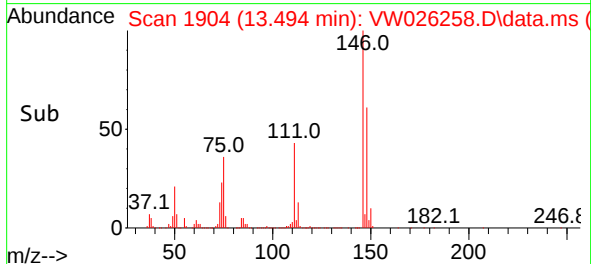
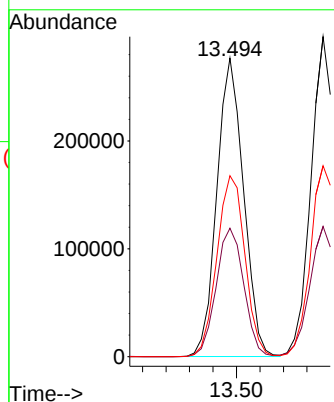
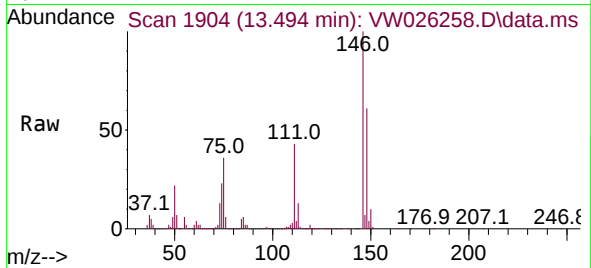




#64
1,3-Dichlorobenzene
Concen: 20.346 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

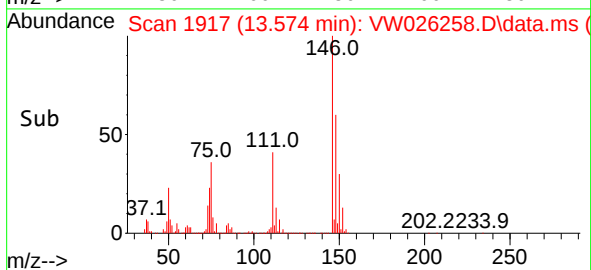
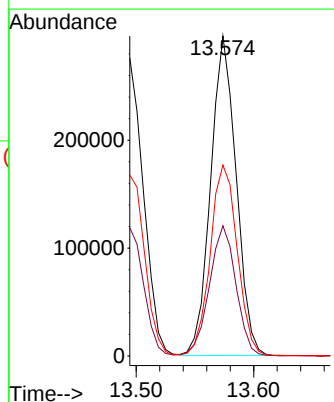
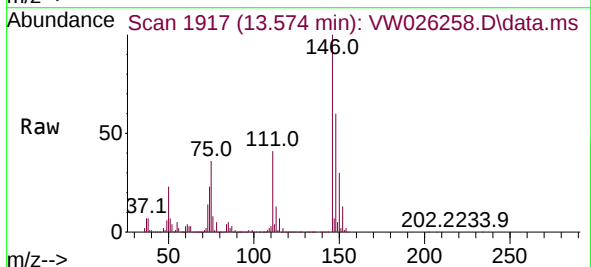
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

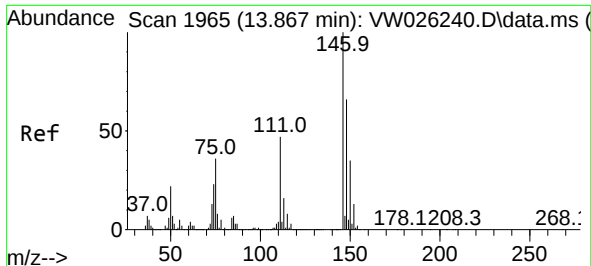
Tgt Ion:146 Resp: 436904
Ion Ratio Lower Upper
146 100
111 43.1 29.7 55.1
148 60.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.694 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion:146 Resp: 447392
Ion Ratio Lower Upper
146 100
111 40.7 29.2 54.2
148 59.7 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 20.731 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

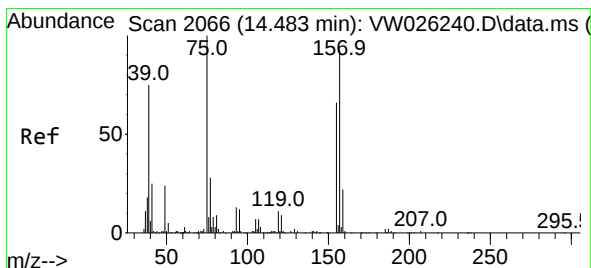
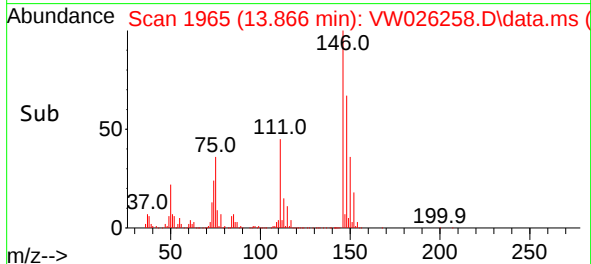
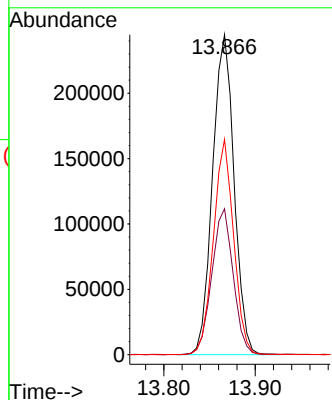
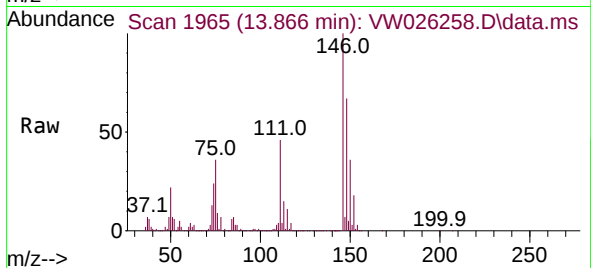
Tgt Ion:146 Resp: 399752

Ion Ratio Lower Upper

146 100

111 45.6 35.4 53.0

148 67.3 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 19.731 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.007 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

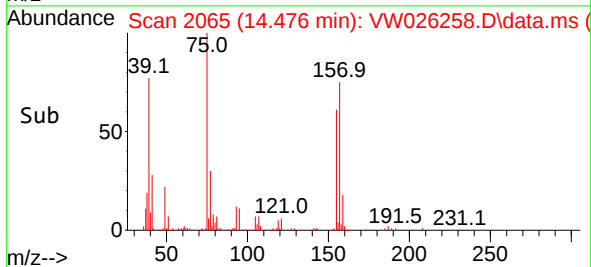
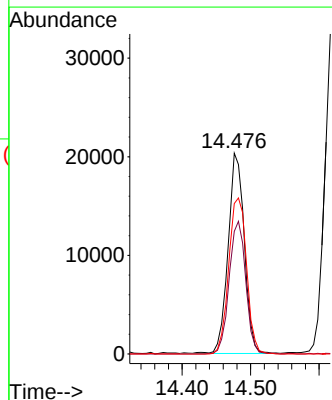
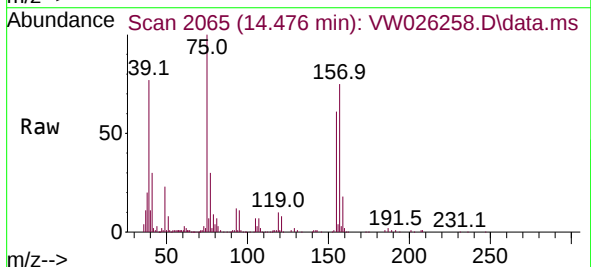
Tgt Ion: 75 Resp: 33289

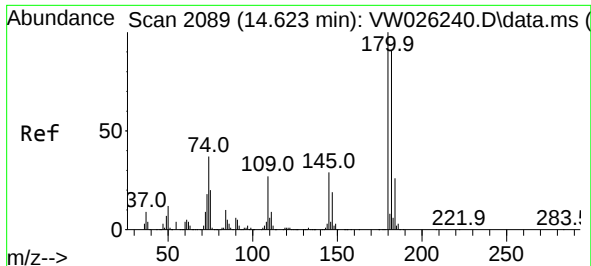
Ion Ratio Lower Upper

75 100

155 61.0 59.0 88.6

157 74.9 71.7 107.5

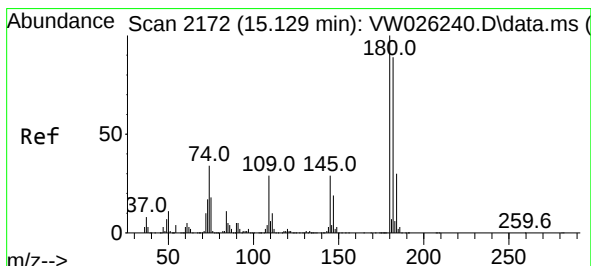
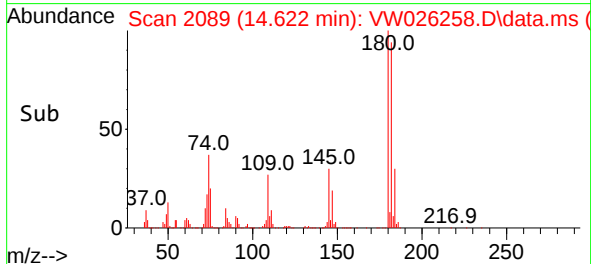
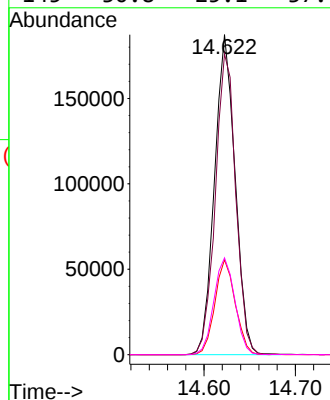
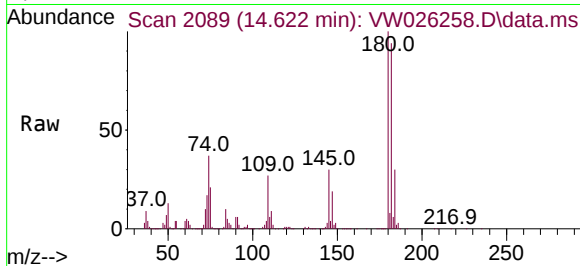




#69
1,3,5-Trichlorobenzene
Concen: 19.843 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

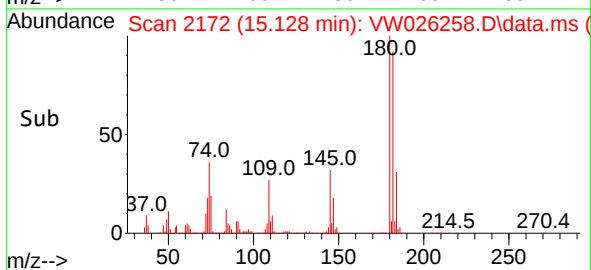
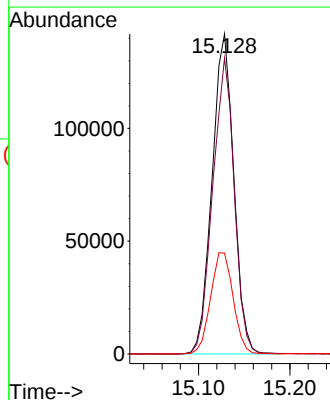
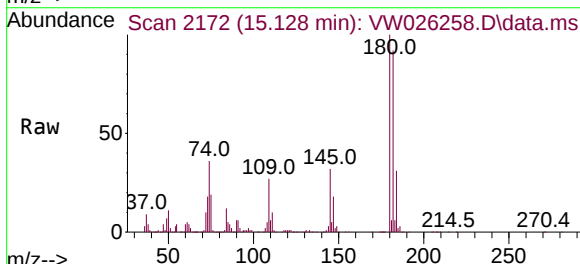
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

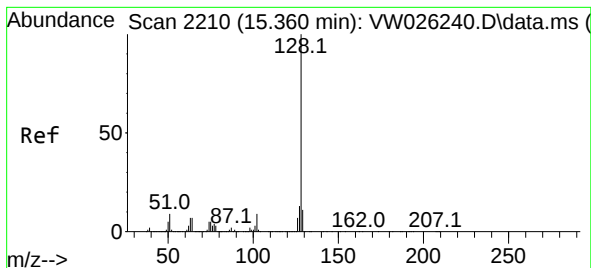
Tgt Ion:180	Resp:	292705
Ion Ratio	Lower	Upper
180	100	
182	93.3	77.0 115.4
184	29.3	23.7 35.5
145	30.8	25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 19.270 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026258.D
Acq: 20 Jun 2023 09:34

Tgt Ion:180	Resp:	234542
Ion Ratio	Lower	Upper
180	100	
182	91.6	78.9 118.3
145	32.9	27.2 40.8





#71

Naphthalene

Concen: 20.500 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

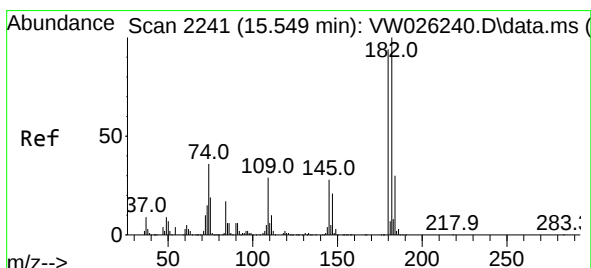
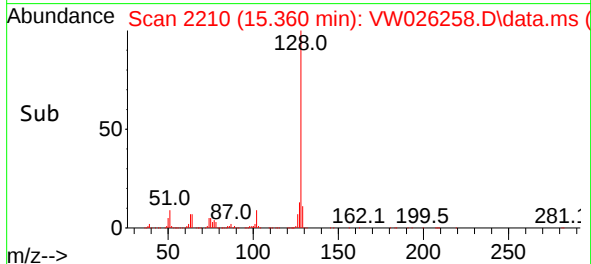
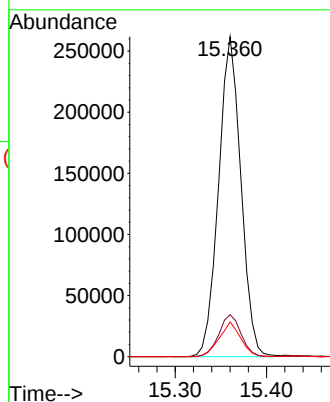
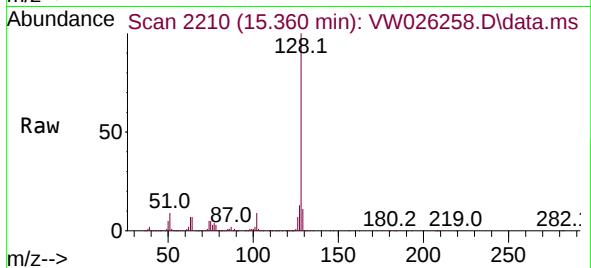
Tgt Ion:128 Resp: 444719

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 19.673 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW026258.D

Acq: 20 Jun 2023 09:34

Tgt Ion:180 Resp: 209265

Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 35.5 27.0 40.6

