

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026256.D
 Acq On : 19 Jun 2023 18:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Jun 20 03:19:31 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	8.843	114	670060	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	614879	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	311293	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162542	17.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
7) Chloroethane-d5	2.899	69	162257	22.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.960%
11) 1,1-Dichloroethene-d2	4.027	65	88428	19.025	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.080%
21) 2-Butanone-d5	7.075	46	191230	69.682	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.360%#
24) Chloroform-d	7.648	84	470775	23.992	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	8.301	65	268187	24.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.276	84	910062	21.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	9.276	67	307440	23.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.325	98	773506	21.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.320%
43) trans-1,3-Dichloroprop...	10.575	79	109602	21.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.400%
47) 2-Hexanone-d5	10.922	63	132858	64.281	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	275927	28.928	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	265903	22.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	149360	18.183	ug/L	99
3) Chloromethane	2.228	50	245826	23.340	ug/L	97
5) Vinyl chloride	2.375	62	246364	21.883	ug/L	100
6) Bromomethane	2.789	94	140892	22.956	ug/L	99
8) Chloroethane	2.930	64	153347	25.206	ug/L	98
9) Trichlorofluoromethane	3.265	101	164729	22.744	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	201453	22.043	ug/L	98
12) 1,1-Dichloroethene	4.051	96	188994	22.153	ug/L	87
13) Acetone	4.118	43	101170	47.643	ug/L	99
14) Carbon disulfide	4.399	76	582425	19.339	ug/L	99
15) Methyl Acetate	4.667	43	134837	28.292	ug/L	100
16) Methylene chloride	4.923	84	230488	21.552	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	211321	22.077	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	369087	24.466	ug/L	100
19) 1,1-Dichloroethane	6.216	63	464471	23.835	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	242481	23.916	ug/L	99
22) 2-Butanone	7.167	43	177222	58.506	ug/L	98
23) Bromochloromethane	7.514	128	102527	23.711	ug/L	95
25) Chloroform	7.673	83	437515	24.105	ug/L	99

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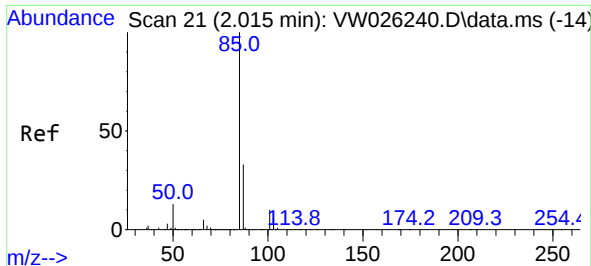
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	310805	24.829	ug/L	98
29) Cyclohexane	7.959	56	379887	20.012	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	329076	22.054	ug/L	99
31) Carbon tetrachloride	8.069	117	291048	21.375	ug/L	97
33) Benzene	8.325	78	960582	22.805	ug/L	100
34) Trichloroethene	9.087	95	231147	21.431	ug/L	97
35) Methylcyclohexane	9.337	83	392603	20.571	ug/L	99
37) 1,2-Dichloropropane	9.367	63	273947	24.012	ug/L	100
38) Bromodichloromethane	9.642	83	315004	23.766	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	385950	23.020	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	387925	57.674	ug/L	100
42) Toluene	10.386	91	982922	22.815	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	323425	23.156	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	188858	25.117	ug/L	98
46) Tetrachloroethene	10.861	164	162394	21.287	ug/L	96
48) 2-Hexanone	10.965	43	270395	57.014	ug/L	98
49) Dibromochloromethane	11.129	129	194417	24.662	ug/L	94
50) 1,2-Dibromoethane	11.233	107	172734	24.811	ug/L	99
51) Chlorobenzene	11.654	112	615304	22.792	ug/L	99
52) Ethylbenzene	11.727	91	1121899	23.085	ug/L	98
53) m,p-Xylene	11.836	106	413757	22.885	ug/L	98
54) o-Xylene	12.166	106	389725	22.839	ug/L	100
55) Styrene	12.178	104	700611	23.932	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	239861	26.359	ug/L	97
59) Bromoform	12.349	173	107870	23.071	ug/L	97
60) Isopropylbenzene	12.458	105	1079794	22.081	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	175398	25.154	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	865940	22.275	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	795880	22.353	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	460175	22.381	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	466784	22.549	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	416091	22.535	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	38637	23.916	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	280713	19.875	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	246746	21.172	ug/L	96
71) Naphthalene	15.360	128	530665	25.547	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230663	22.646	ug/L	100

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

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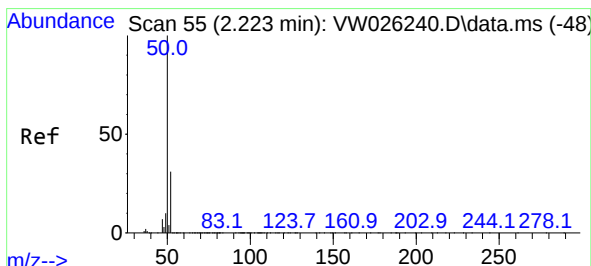
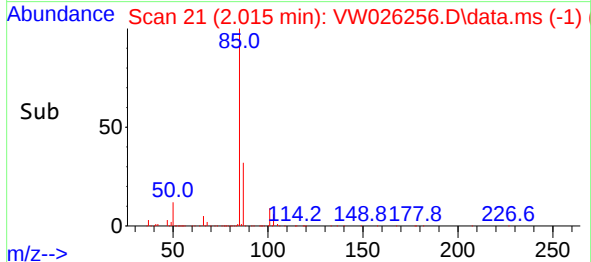
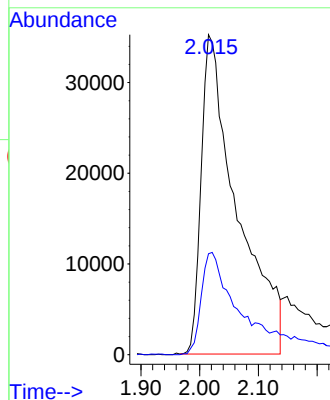
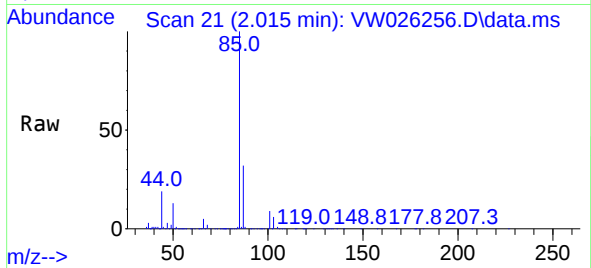




#2
Dichlorodifluoromethane
Concen: 18.183 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

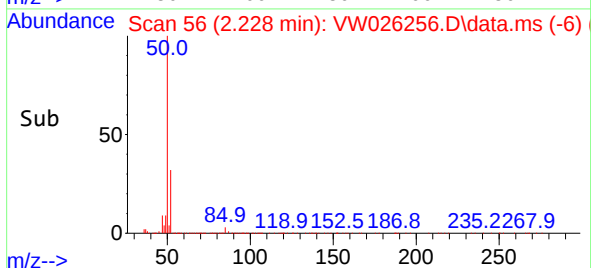
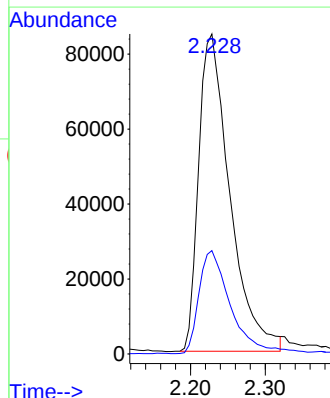
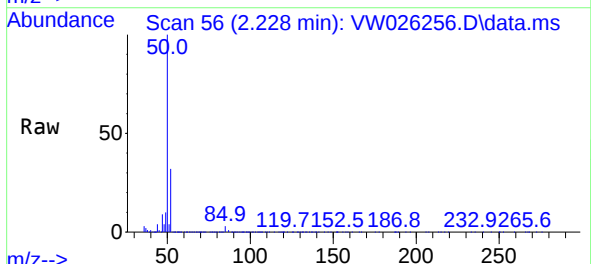
Instrument :
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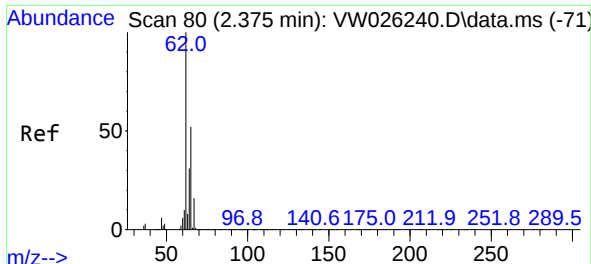
Tgt Ion: 85 Resp: 149360
Ion Ratio Lower Upper
85 100
87 27.1 22.2 33.2



#3
Chloromethane
Concen: 23.340 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 50 Resp: 245826
Ion Ratio Lower Upper
50 100
52 32.3 21.3 39.6

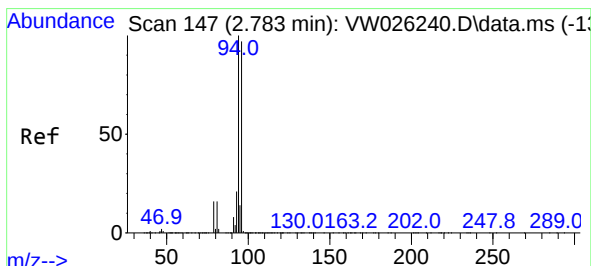
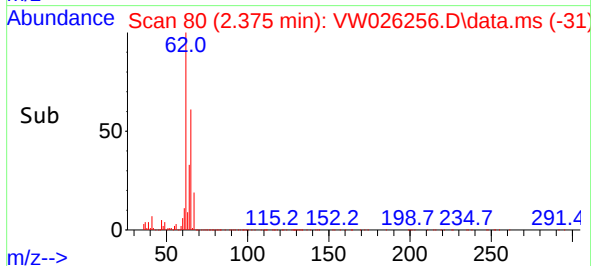
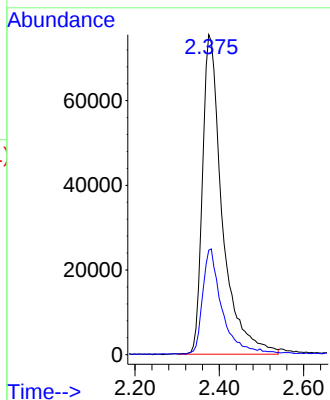
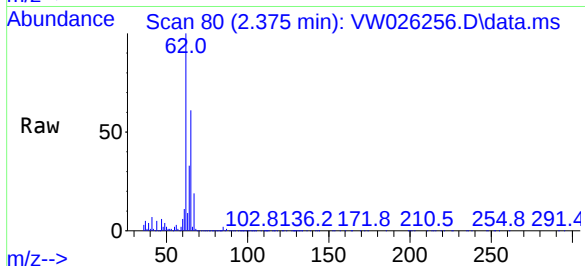




#5
 Vinyl chloride
 Concen: 21.883 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026256.D
 Acq: 19 Jun 2023 18:44

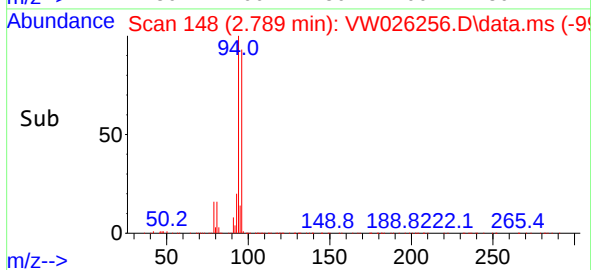
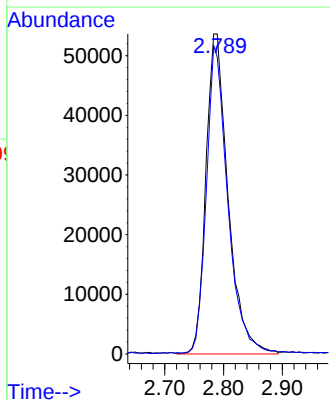
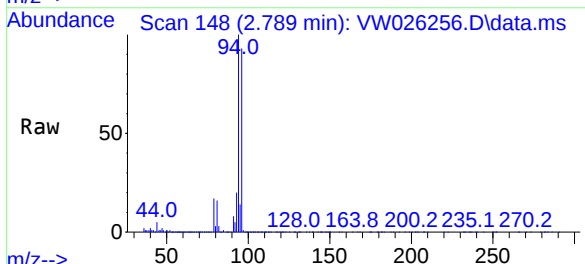
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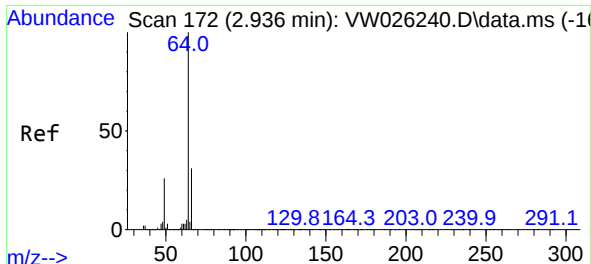
Tgt Ion: 62 Resp: 246364
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.1



#6
 Bromomethane
 Concen: 22.956 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026256.D
 Acq: 19 Jun 2023 18:44

Tgt Ion: 94 Resp: 140892
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.2 119.2

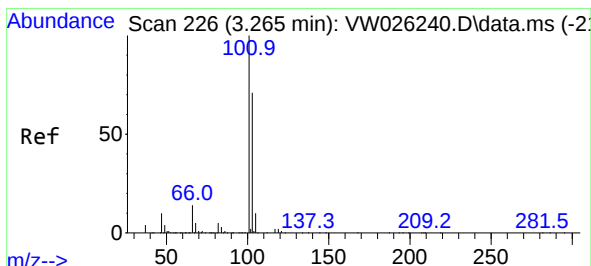
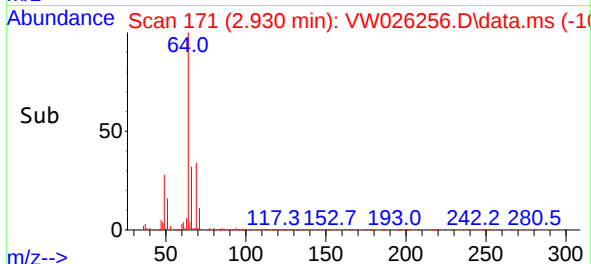
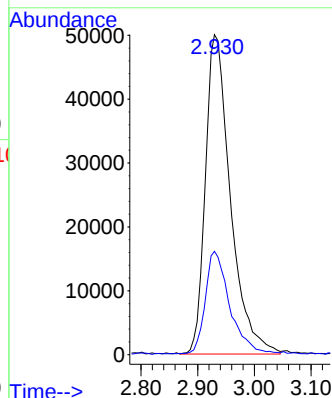
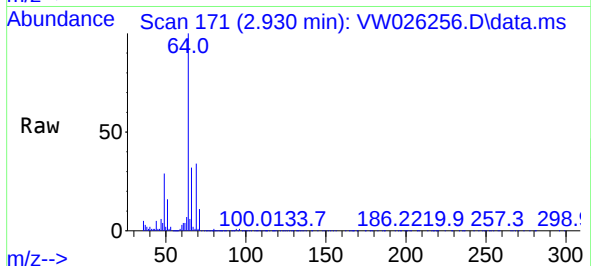




#8
Chloroethane
Concen: 25.206 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

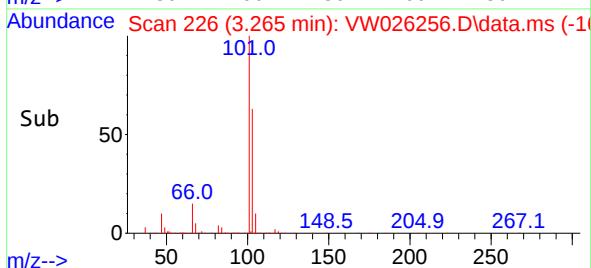
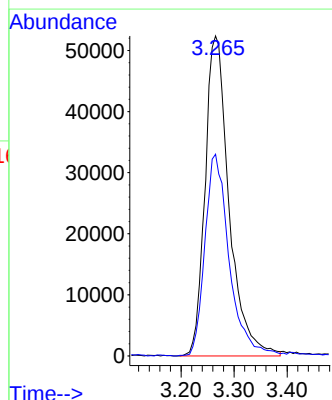
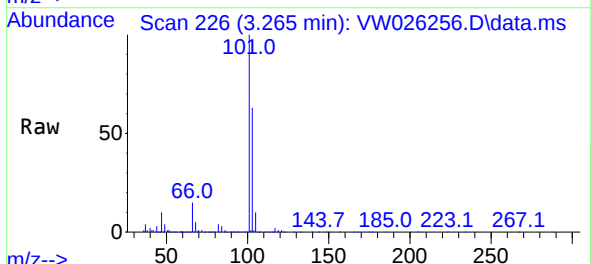
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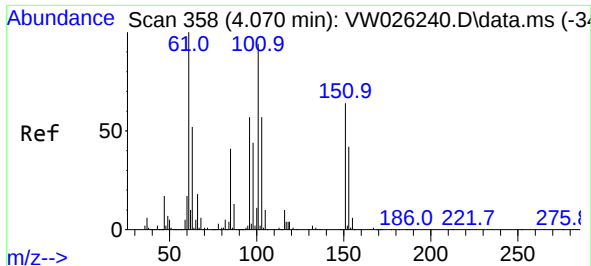
Tgt Ion: 64 Resp: 153347
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.744 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 101 Resp: 164729
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4

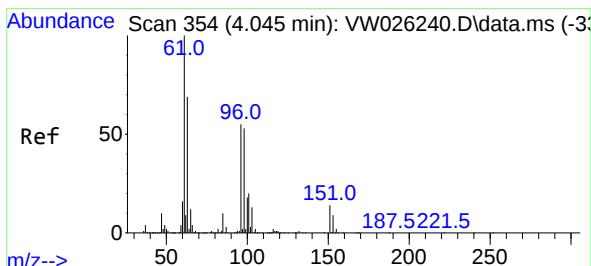
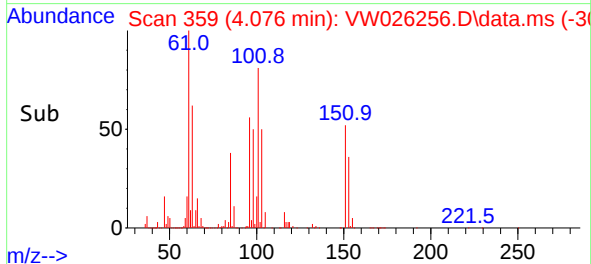
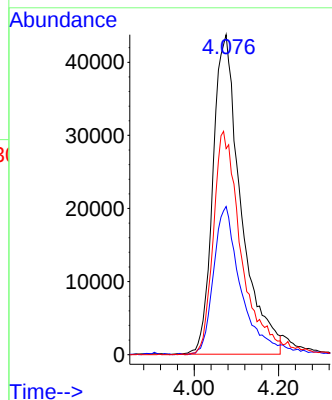
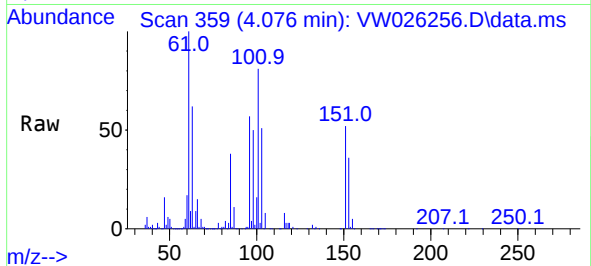




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.043 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026256.D
 Acq: 19 Jun 2023 18:44

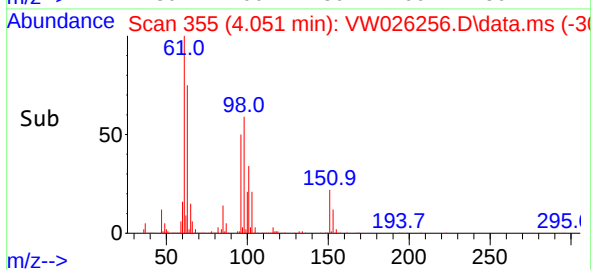
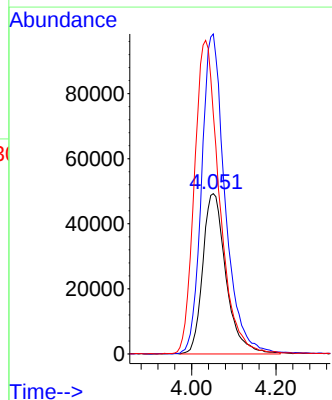
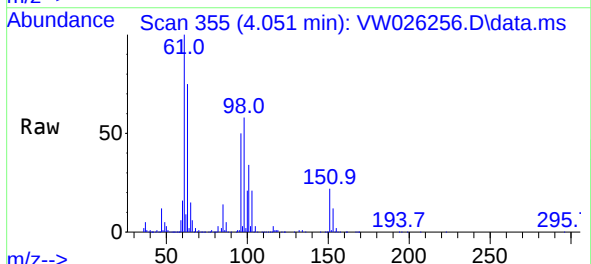
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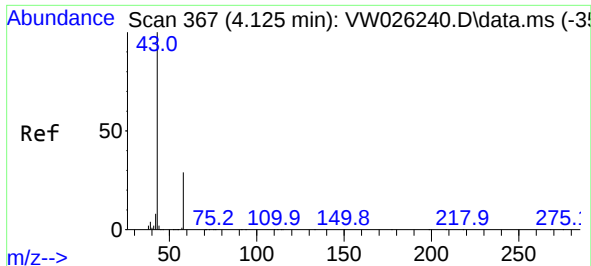
Tgt Ion:101 Resp: 201453
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.1 54.1
 151 66.5 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 22.153 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026256.D
 Acq: 19 Jun 2023 18:44

Tgt Ion: 96 Resp: 188994
 Ion Ratio Lower Upper
 96 100
 61 199.6 140.6 261.0
 63 149.6 131.7 244.5

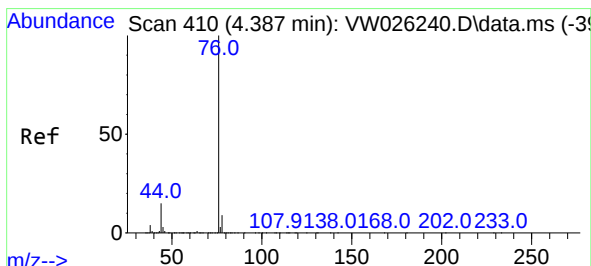
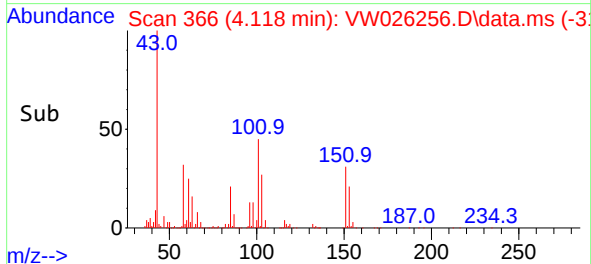
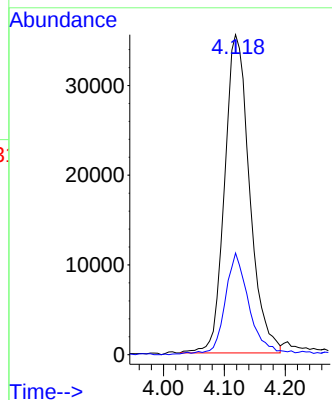
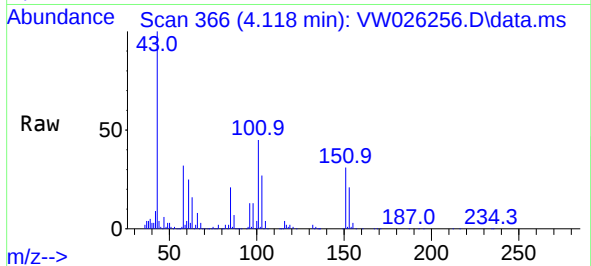




#13
Acetone
Concen: 47.643 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

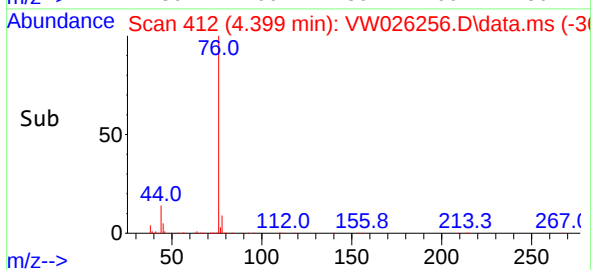
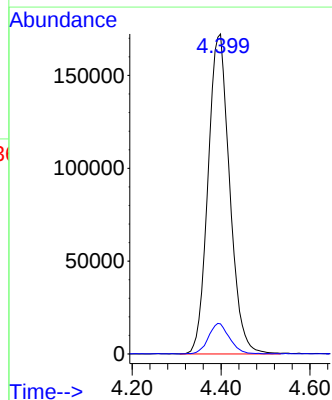
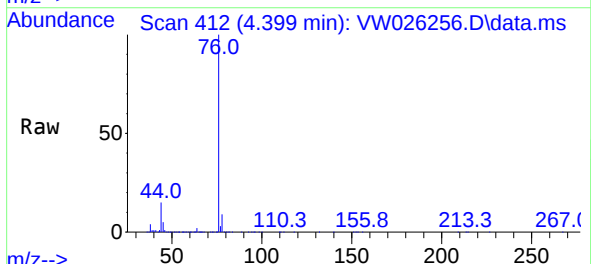
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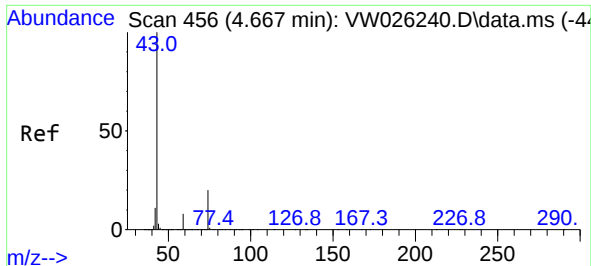
Tgt Ion: 43 Resp: 101170
Ion Ratio Lower Upper
43 100
58 28.7 0.0 58.2



#14
Carbon disulfide
Concen: 19.339 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 76 Resp: 582425
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

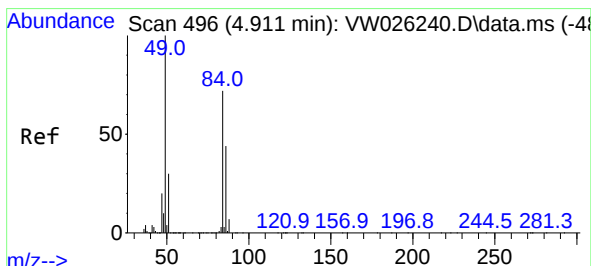
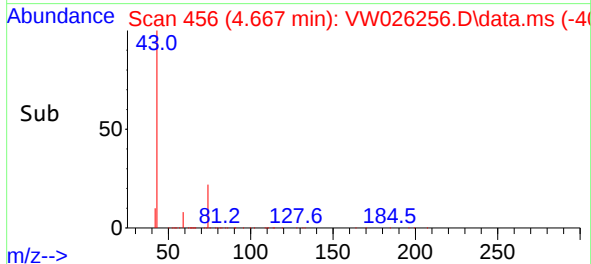
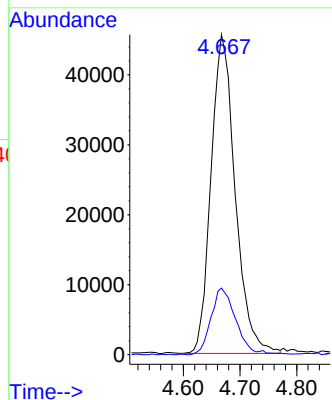
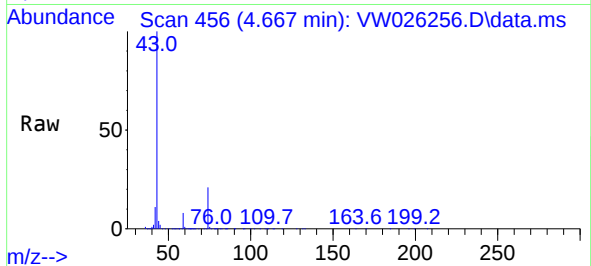




#15
Methyl Acetate
Concen: 28.292 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

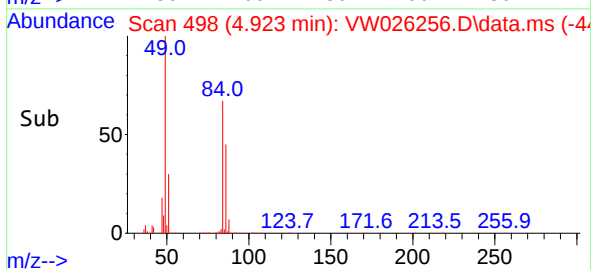
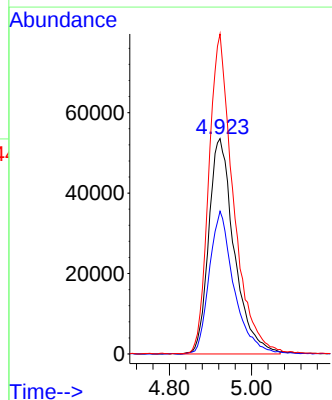
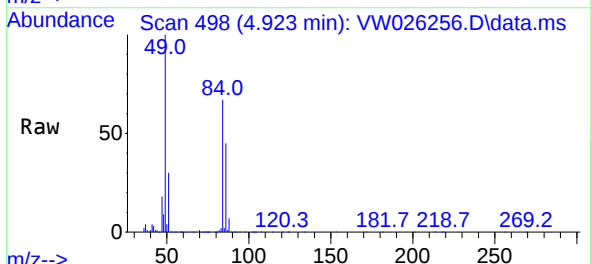
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

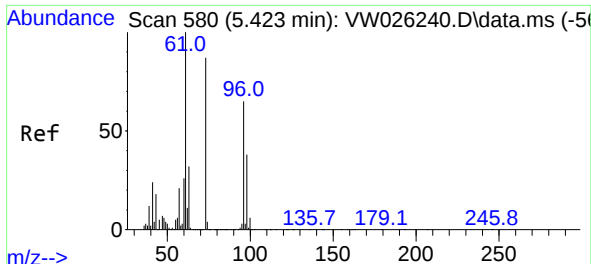
Tgt Ion: 43 Resp: 134837
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0



#16
Methylene chloride
Concen: 21.552 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 84 Resp: 230488
Ion Ratio Lower Upper
84 100
86 66.3 44.2 82.0
49 148.6 98.8 183.6

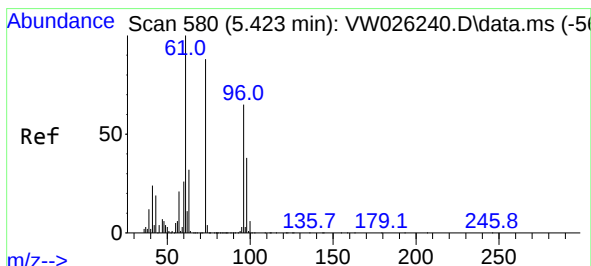
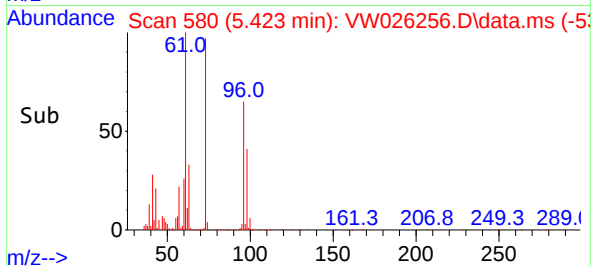
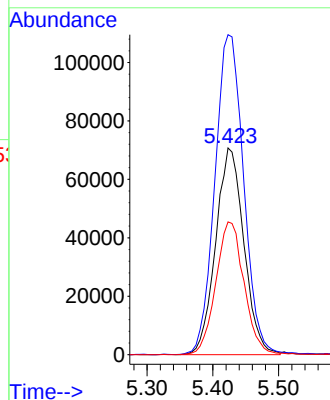
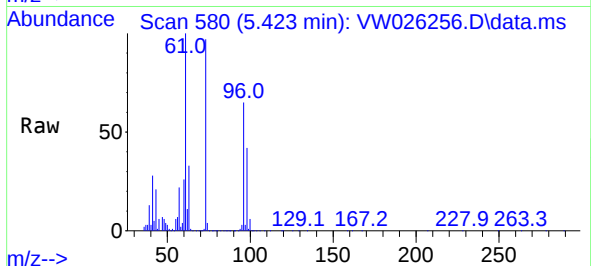




#17
trans-1,2-Dichloroethene
Concen: 22.077 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

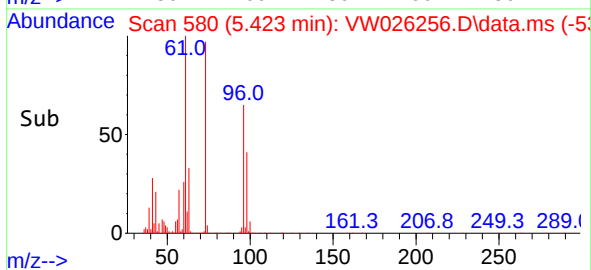
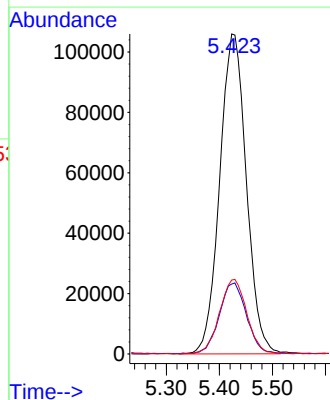
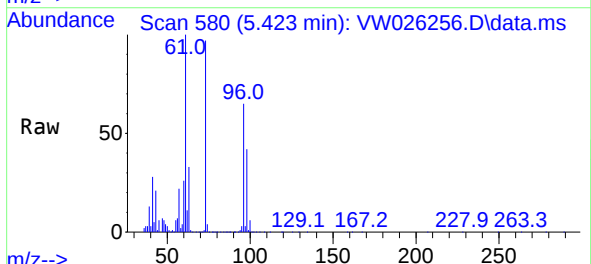
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

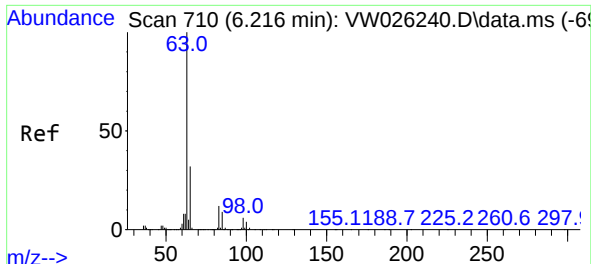
Tgt Ion: 96 Resp: 211321
Ion Ratio Lower Upper
96 100
61 154.7 113.0 209.8
98 64.2 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.466 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 73 Resp: 369087
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 23.5 18.9 28.3



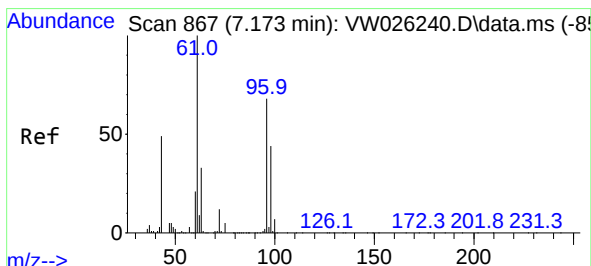
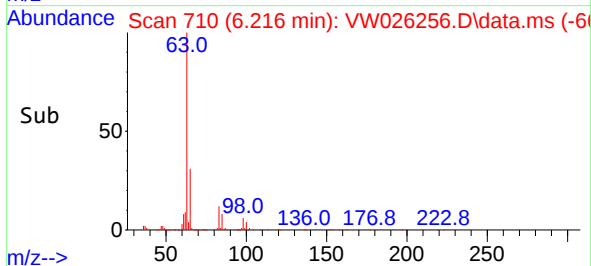
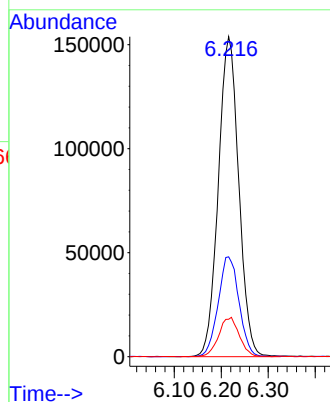
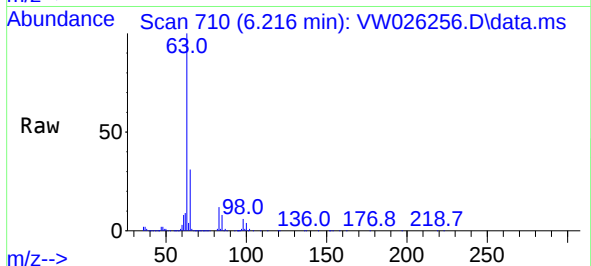


#19
1,1-Dichloroethane
Concen: 23.835 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Tgt Ion: 63 Resp: 464471

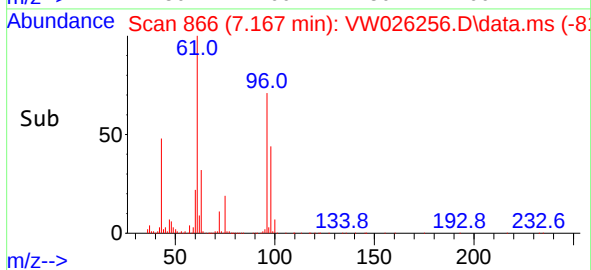
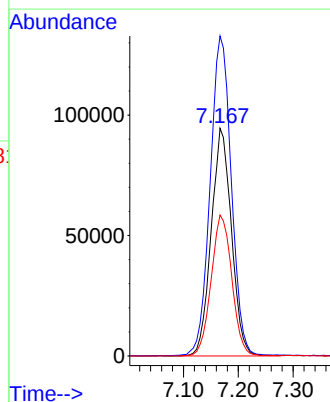
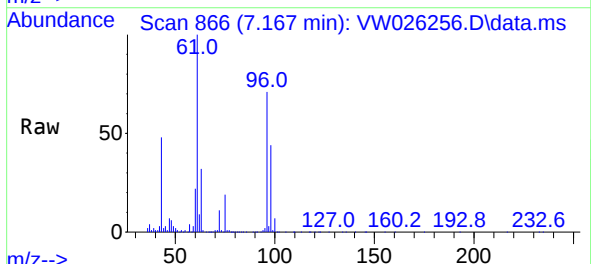
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.3	41.5
83	11.7	9.1	16.9

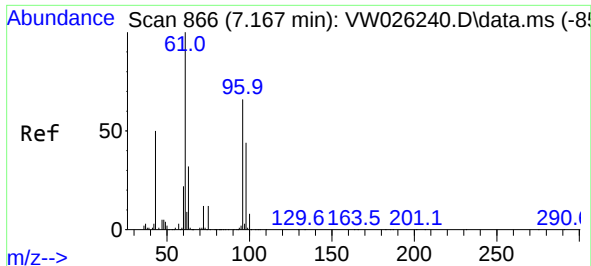


#20
cis-1,2-Dichloroethene
Concen: 23.916 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 96 Resp: 242481

Ion	Ratio	Lower	Upper
96	100		
61	140.6	98.4	182.8
98	61.9	45.2	84.0

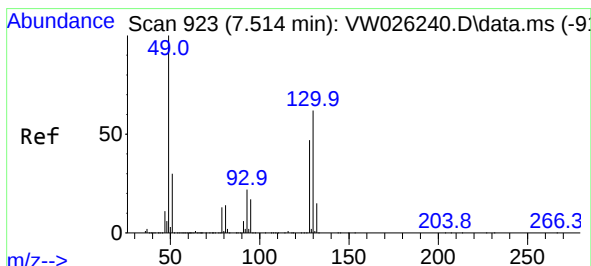
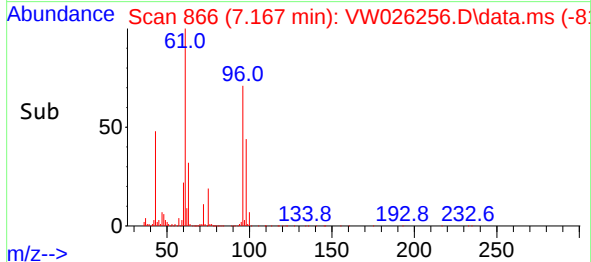
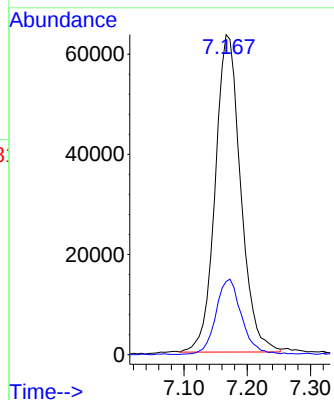
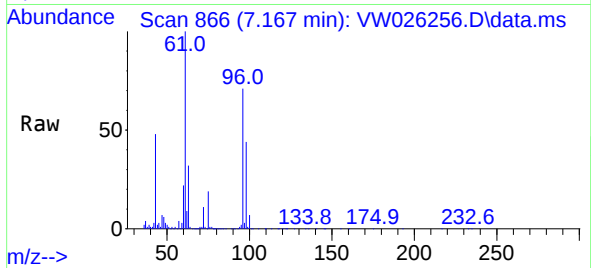




#22
2-Butanone
Concen: 58.506 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

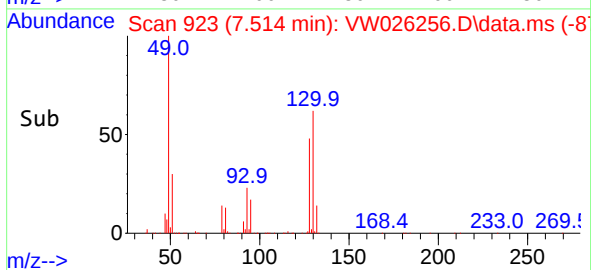
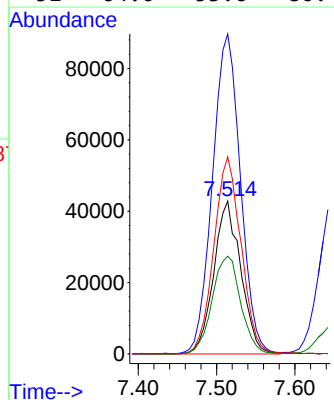
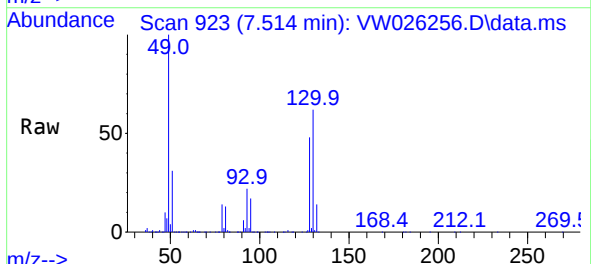
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

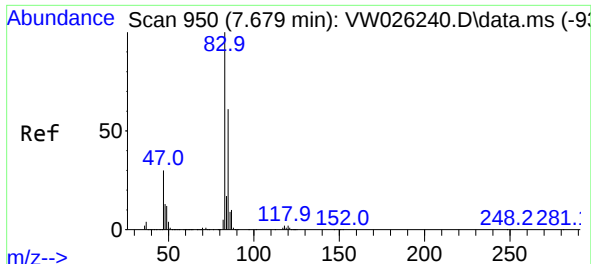
Tgt Ion: 43 Resp: 177222
Ion Ratio Lower Upper
43 100
72 23.9 12.4 37.4



#23
Bromochloromethane
Concen: 23.711 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 128 Resp: 102527
Ion Ratio Lower Upper
128 100
49 209.4 140.6 261.0
130 129.0 86.0 159.6
51 64.0 53.6 80.4

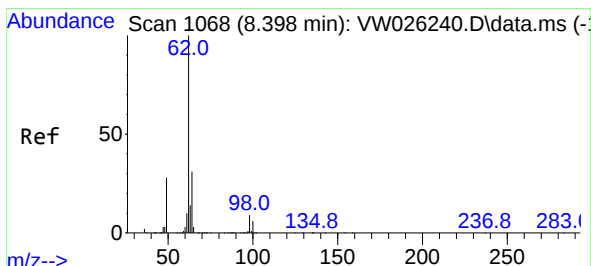
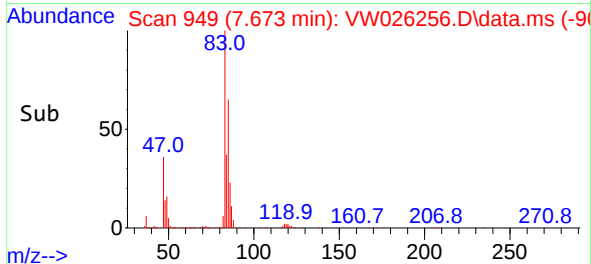
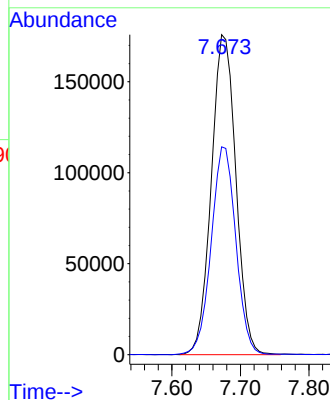
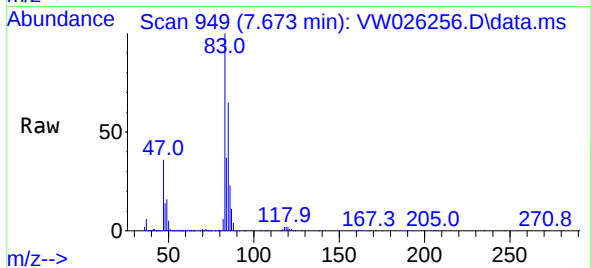




#25
Chloroform
Concen: 24.105 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

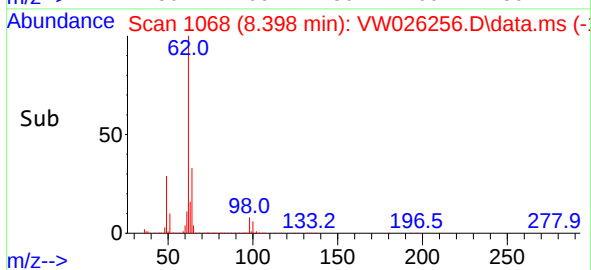
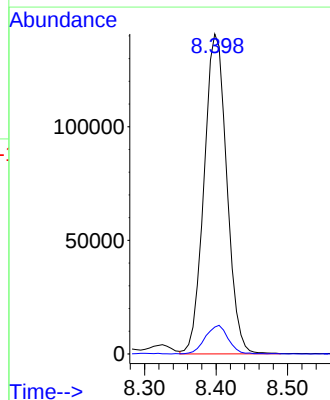
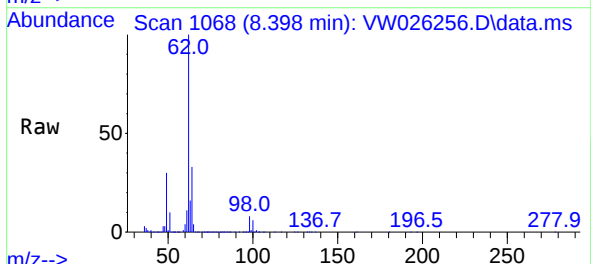
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

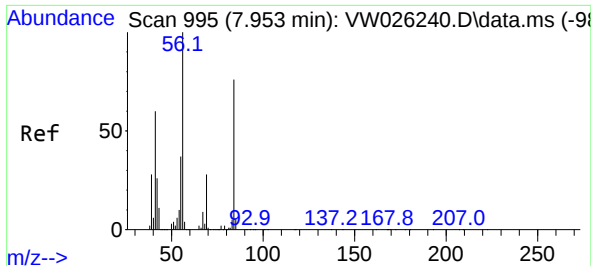
Tgt Ion: 83 Resp: 437515
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.829 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 62 Resp: 310805
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.2

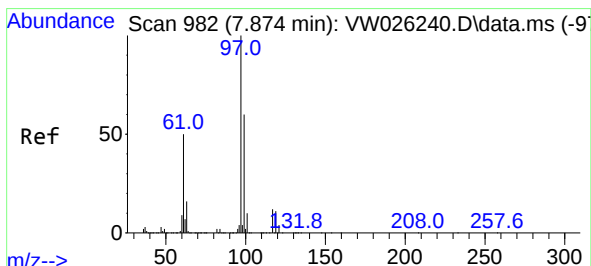
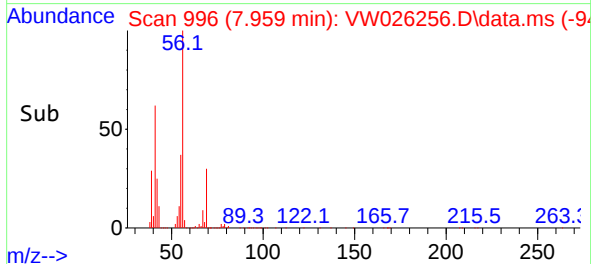
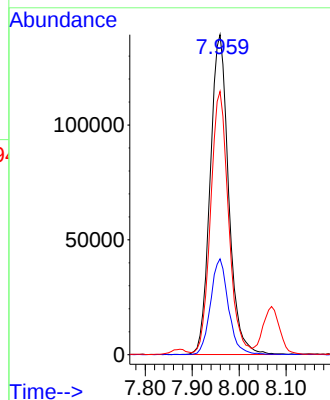
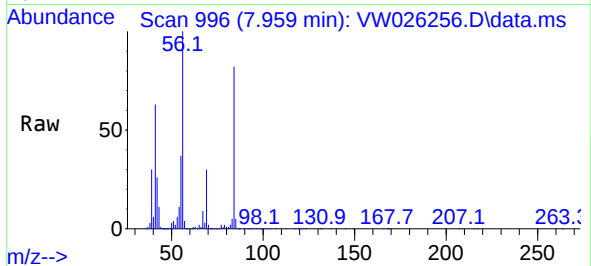




#29
Cyclohexane
Concen: 20.012 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

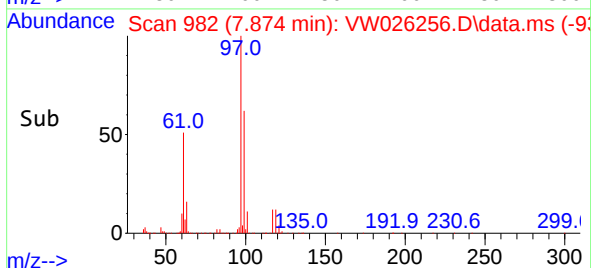
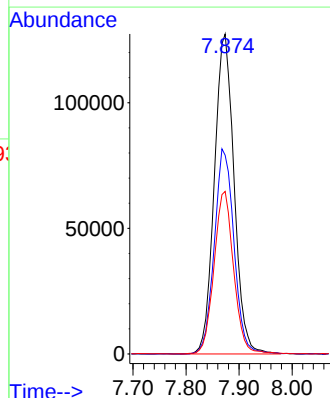
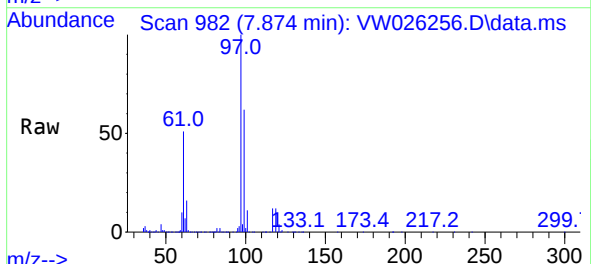
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

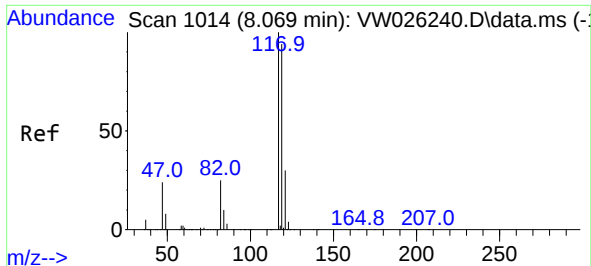
Tgt Ion: 56 Resp: 379887
Ion Ratio Lower Upper
56 100
69 28.9 23.3 34.9
84 79.9 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 22.054 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 97 Resp: 329076
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 50.8 40.5 60.7

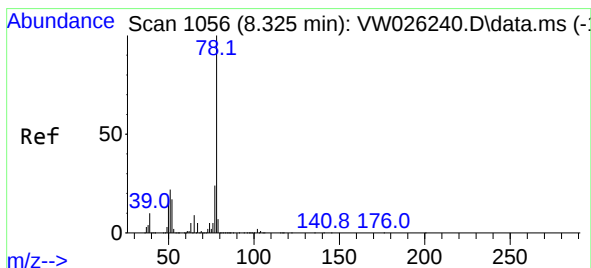
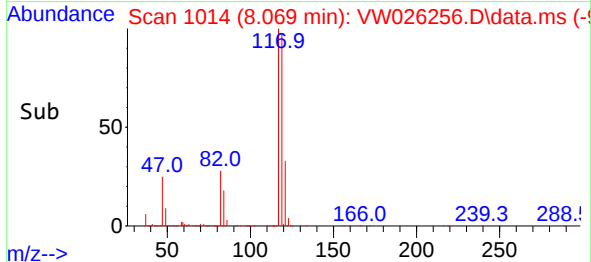
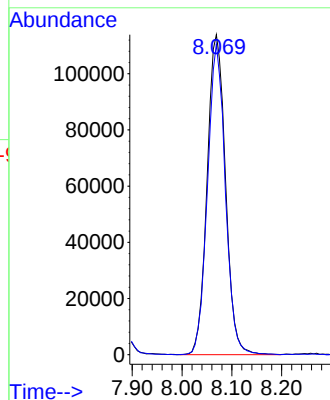
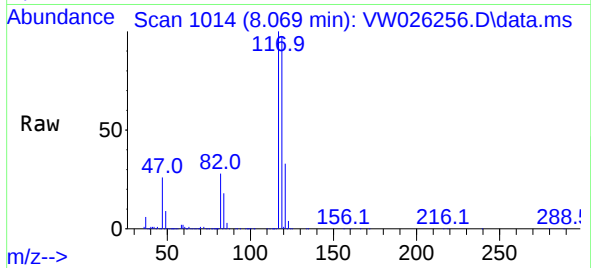




#31
Carbon tetrachloride
Concen: 21.375 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

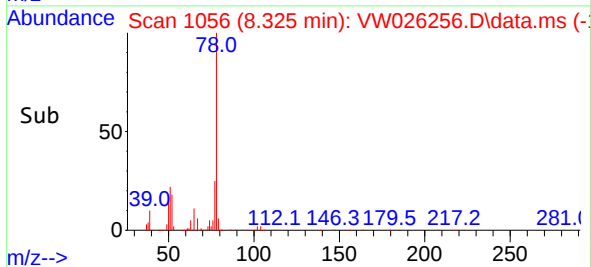
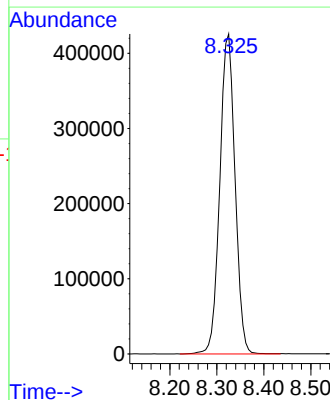
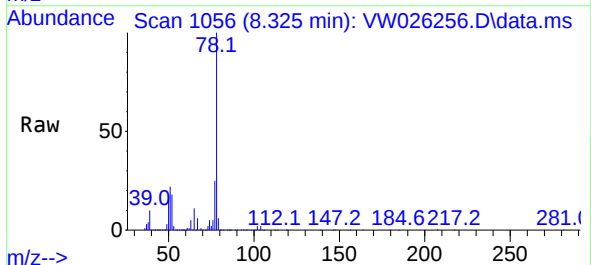
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

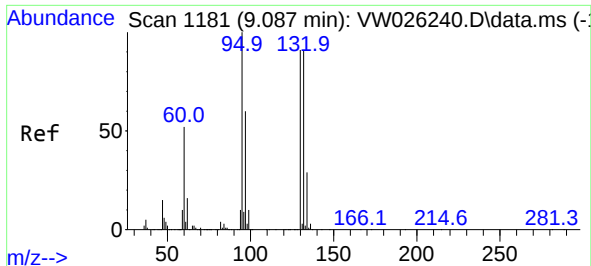
Tgt Ion:117 Resp: 291048
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.2



#33
Benzene
Concen: 22.805 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 78 Resp: 960582



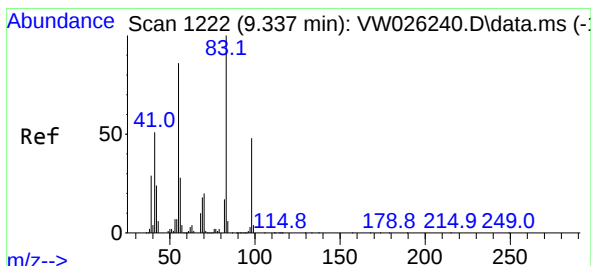
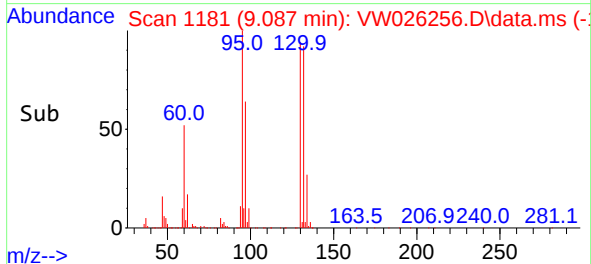
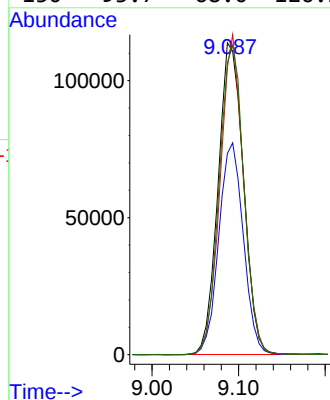
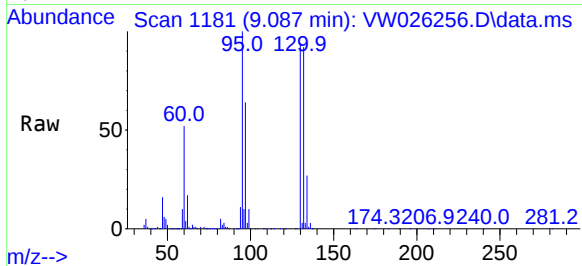


#34
Trichloroethene
Concen: 21.431 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Tgt Ion: 95 Resp: 231147

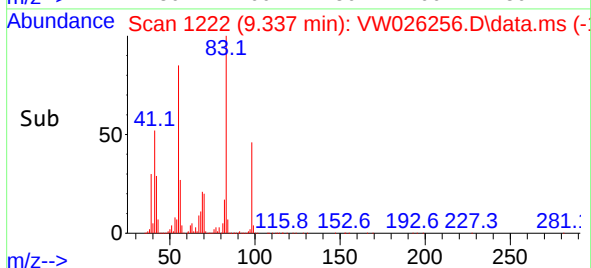
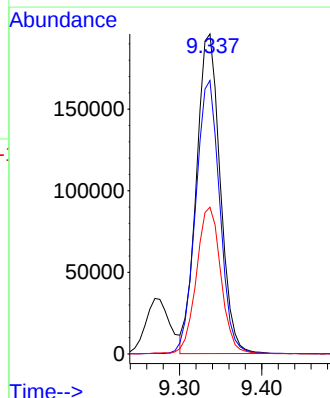
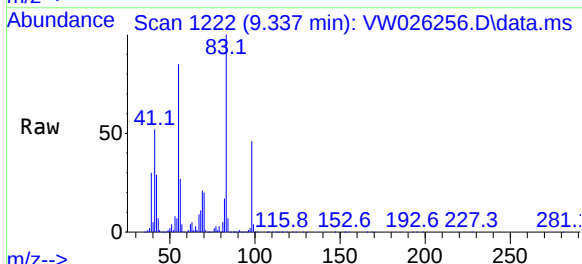
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	92.1	67.1	124.7
130	93.7	68.0	126.2

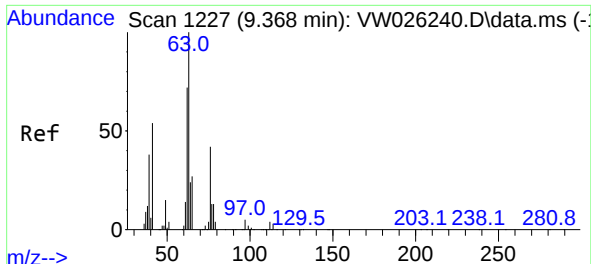


#35
Methylcyclohexane
Concen: 20.571 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 83 Resp: 392603

Ion	Ratio	Lower	Upper
83	100		
55	86.7	68.2	102.4
98	47.4	38.1	57.1





#37

1,2-Dichloropropane

Concen: 24.012 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026256.D

Acq: 19 Jun 2023 18:44

Instrument :

MSVOA_W

ClientSampleId :

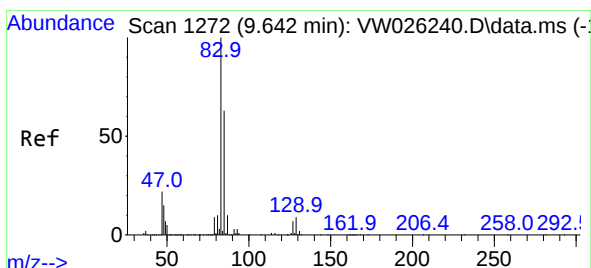
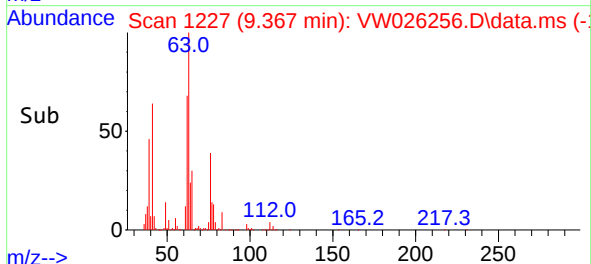
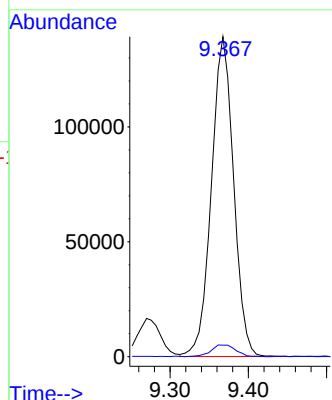
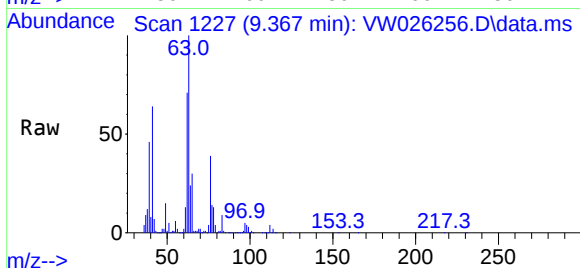
VSTD025524

Tgt Ion: 63 Resp: 273947

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 23.766 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026256.D

Acq: 19 Jun 2023 18:44

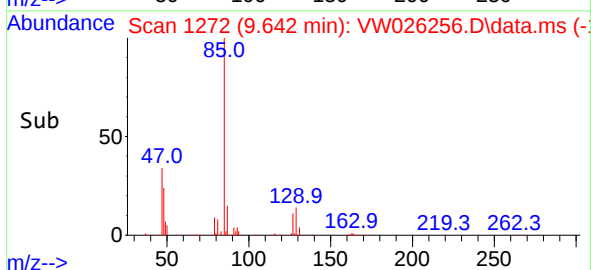
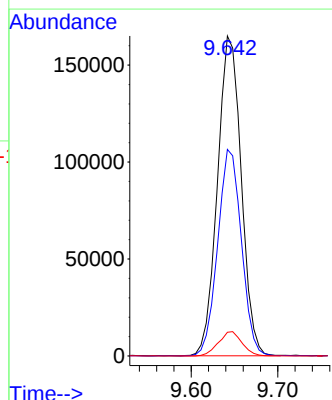
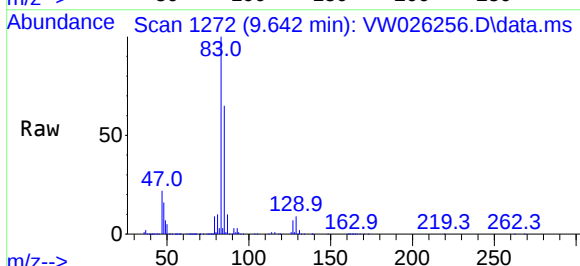
Tgt Ion: 83 Resp: 315004

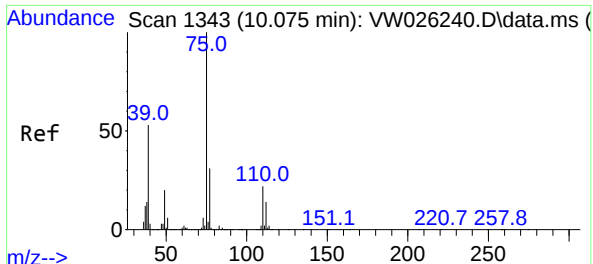
Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.0

127 7.4 6.2 9.2

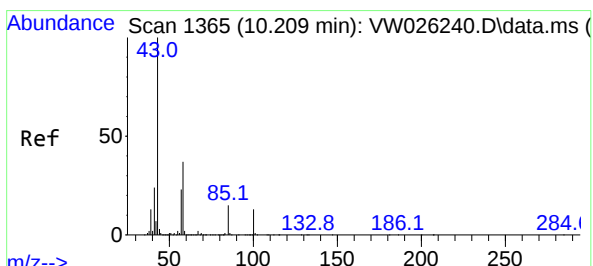
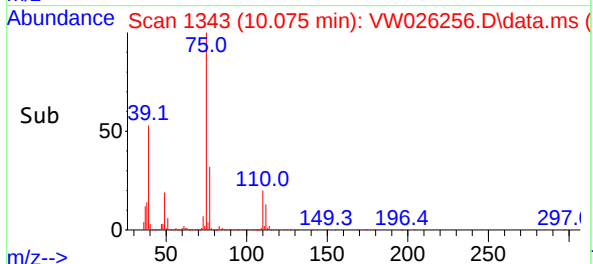
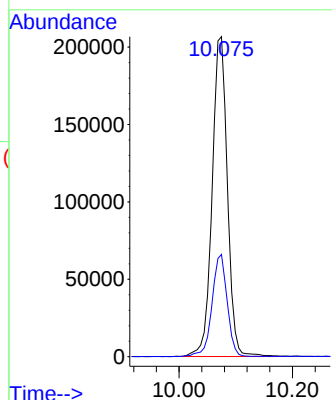
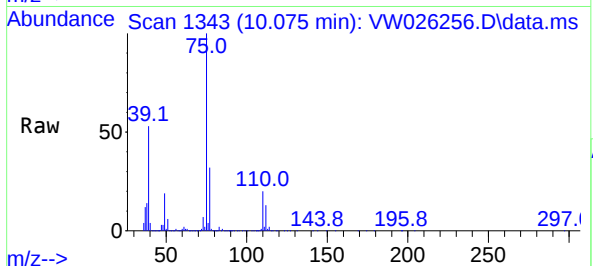




#39
 cis-1,3-Dichloropropene
 Concen: 23.020 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW026256.D
 Acq: 19 Jun 2023 18:44

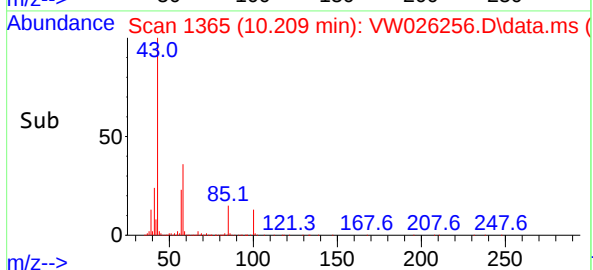
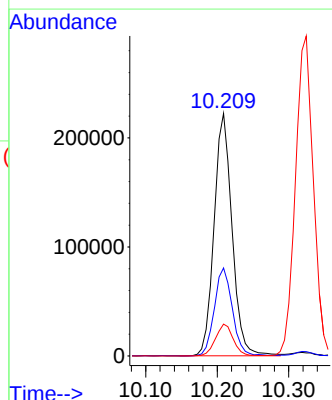
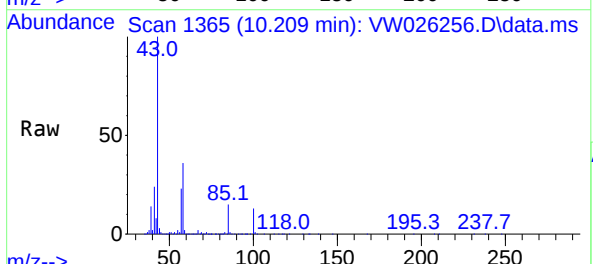
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

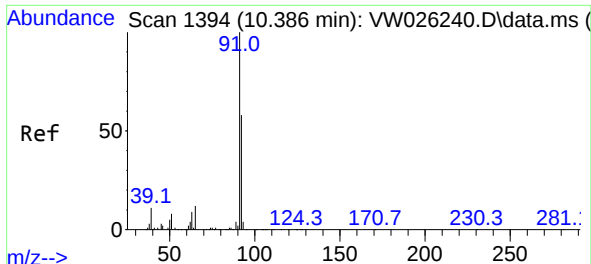
Tgt Ion: 75 Resp: 385950
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 57.674 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026256.D
 Acq: 19 Jun 2023 18:44

Tgt Ion: 43 Resp: 387925
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.4
 100 13.1 10.5 15.7

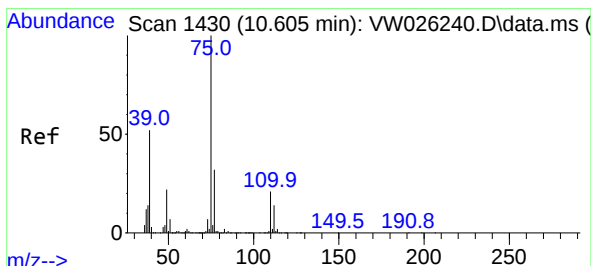
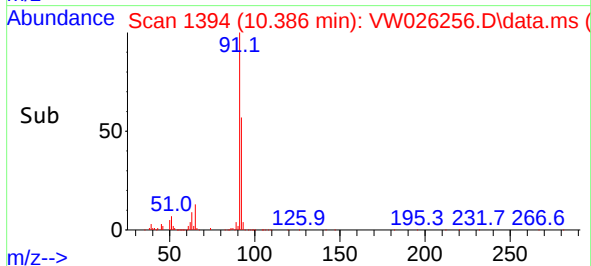
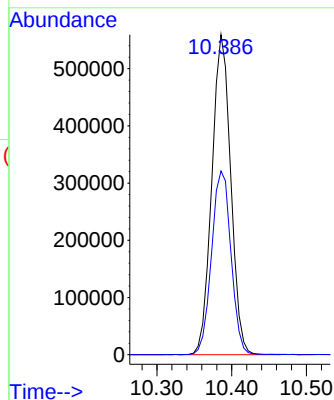
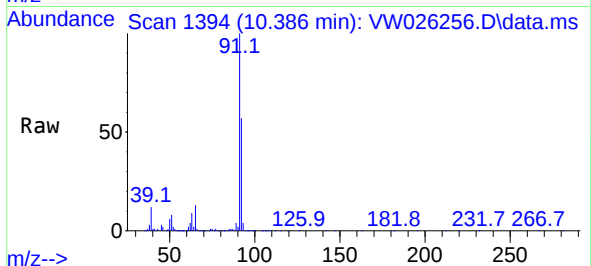




#42
Toluene
Concen: 22.815 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

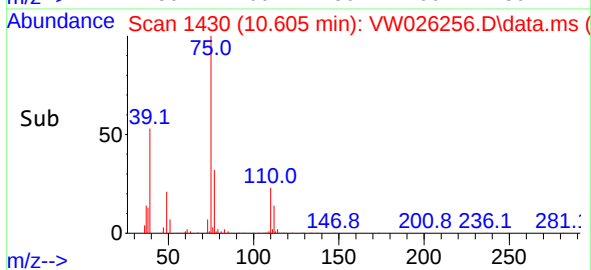
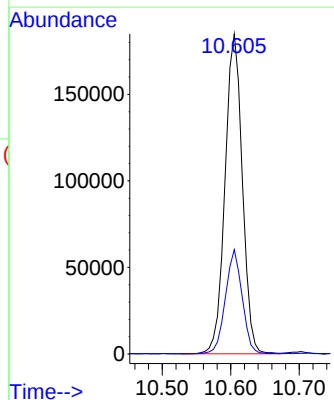
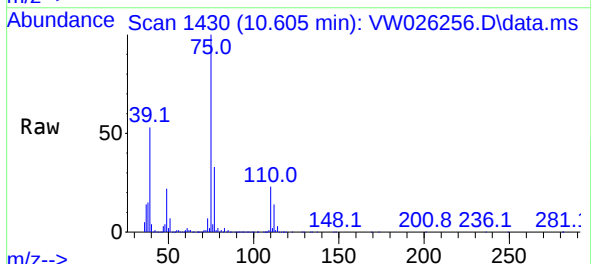
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

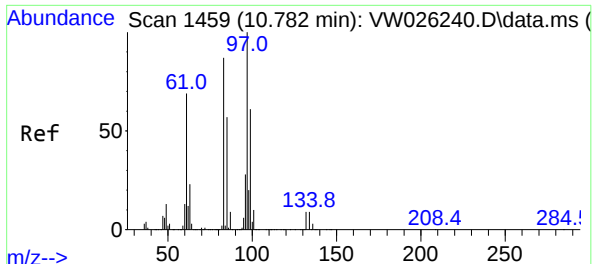
Tgt Ion: 91 Resp: 982922
Ion Ratio Lower Upper
91 100
92 57.4 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 23.156 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 75 Resp: 323425
Ion Ratio Lower Upper
75 100
77 32.6 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 25.117 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW026256.D

Acq: 19 Jun 2023 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

Tgt Ion: 97 Resp: 188858

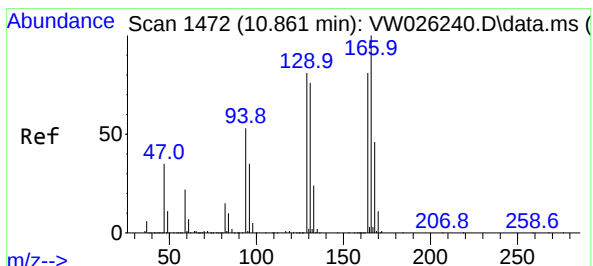
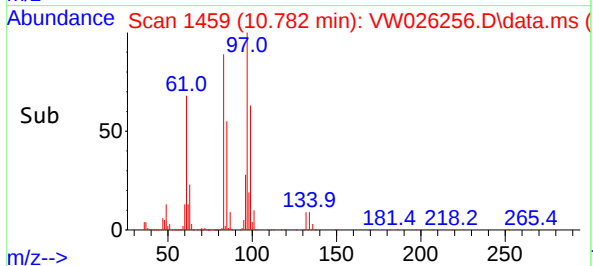
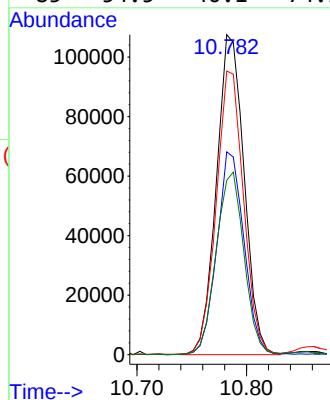
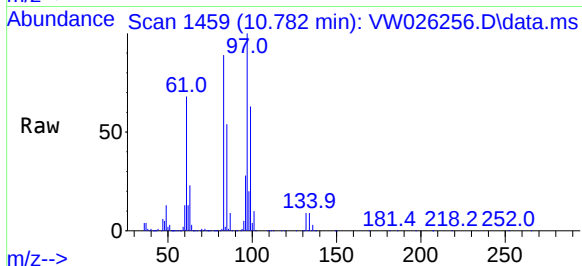
Ion Ratio Lower Upper

97 100

99 63.4 43.3 80.5

83 88.7 62.9 116.9

85 54.5 40.1 74.5



#46

Tetrachloroethene

Concen: 21.287 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026256.D

Acq: 19 Jun 2023 18:44

Tgt Ion:164 Resp: 162394

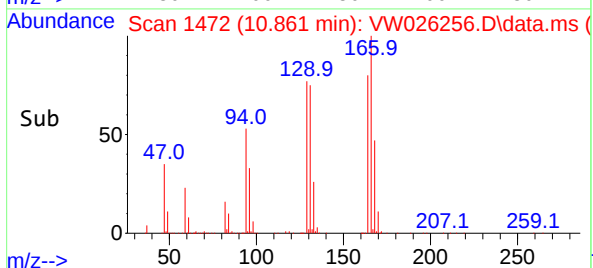
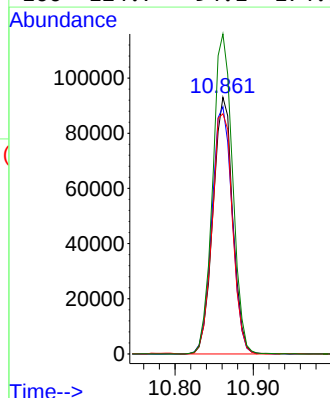
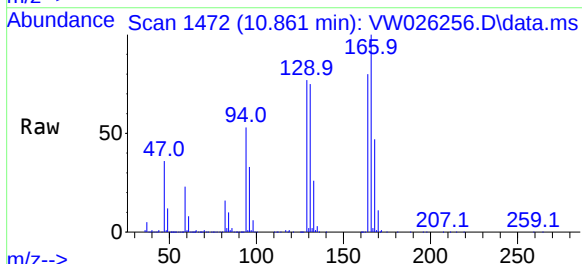
Ion Ratio Lower Upper

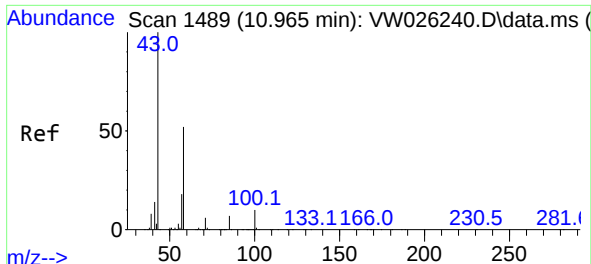
164 100

129 96.4 68.5 127.1

131 93.6 67.1 124.7

166 124.7 94.1 174.8





#48

2-Hexanone

Concen: 57.014 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026256.D

Acq: 19 Jun 2023 18:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

Tgt Ion: 43 Resp: 270395

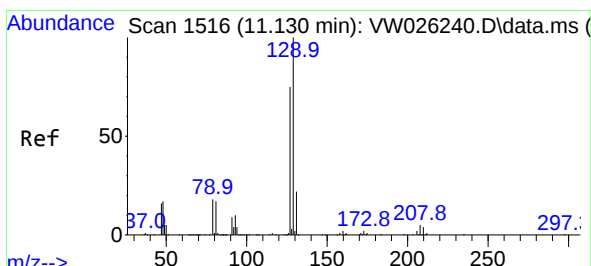
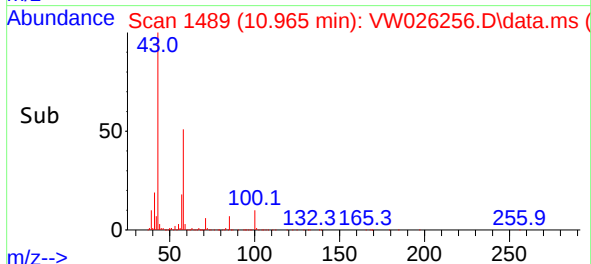
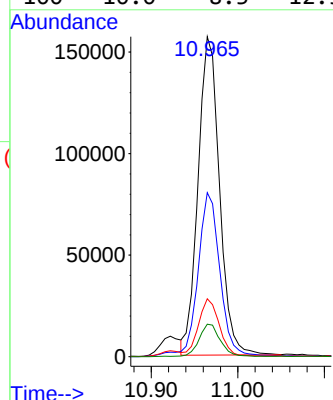
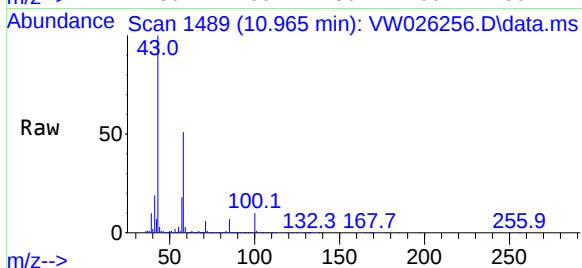
Ion Ratio Lower Upper

43 100

58 50.5 42.2 63.2

57 17.8 14.2 21.2

100 10.0 8.3 12.5



#49

Dibromochloromethane

Concen: 24.662 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026256.D

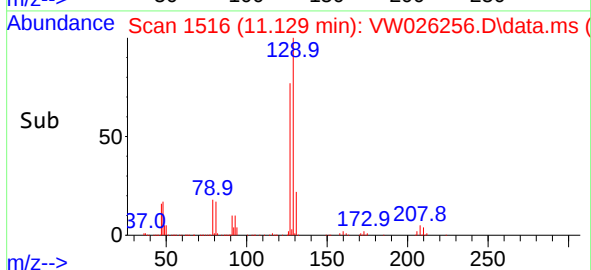
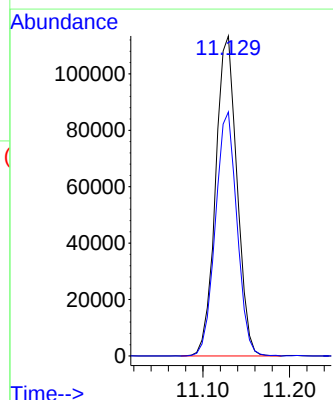
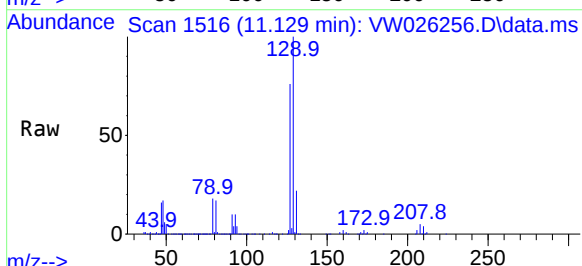
Acq: 19 Jun 2023 18:44

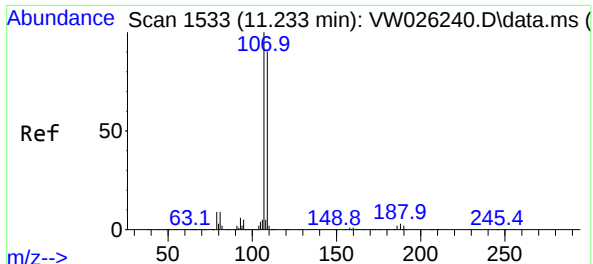
Tgt Ion:129 Resp: 194417

Ion Ratio Lower Upper

129 100

127 76.2 56.9 105.7

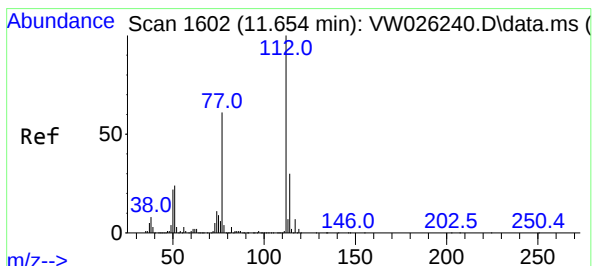
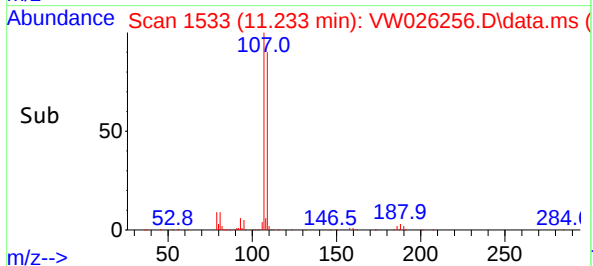
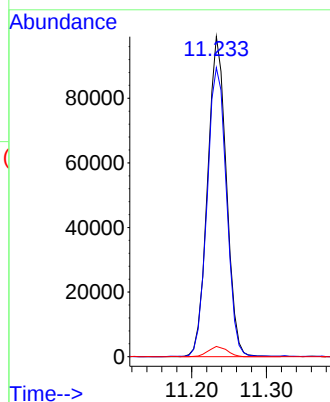
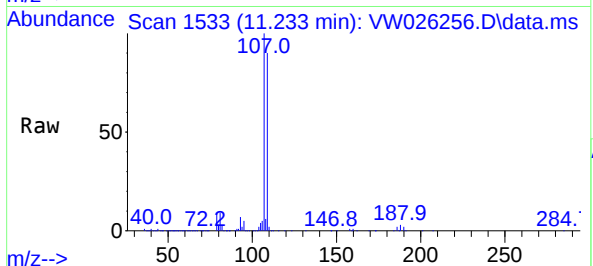




#50
1,2-Dibromoethane
Concen: 24.811 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

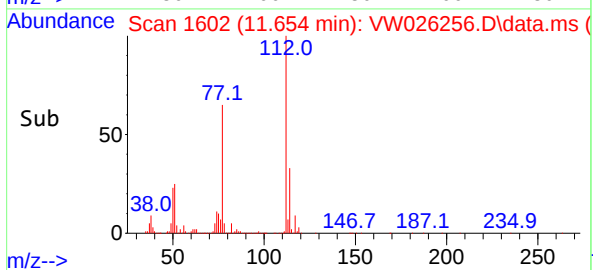
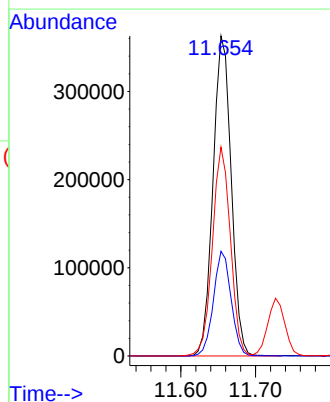
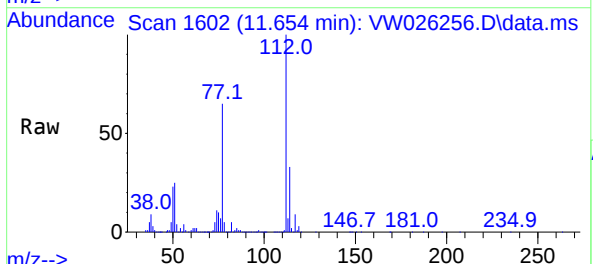
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

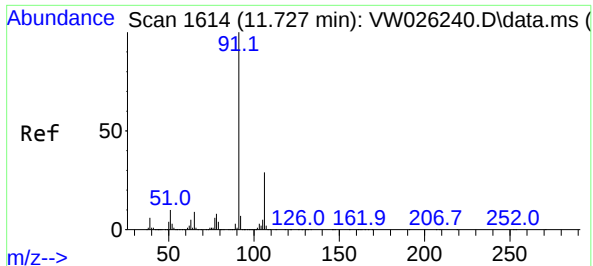
Tgt Ion:107 Resp: 172734
Ion Ratio Lower Upper
107 100
109 90.3 64.0 119.0
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 22.792 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion:112 Resp: 615304
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.6
77 65.3 50.9 76.3





#52

Ethylbenzene

Concen: 23.085 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026256.D

Acq: 19 Jun 2023 18:44

Instrument :

MSVOA_W

ClientSampleId :

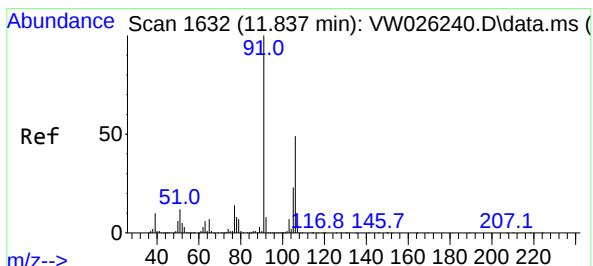
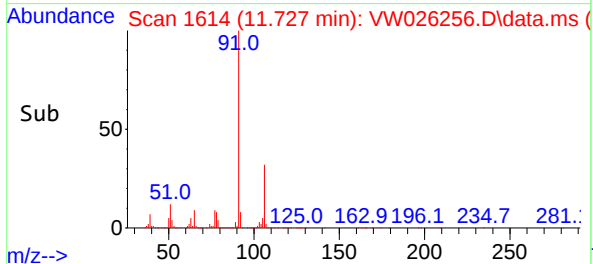
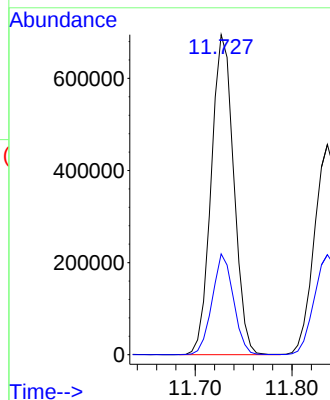
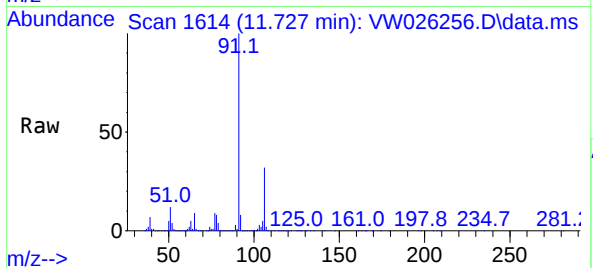
VSTD025524

Tgt Ion: 91 Resp: 1121899

Ion Ratio Lower Upper

91 100

106 31.5 21.2 39.4



#53

m,p-Xylene

Concen: 22.885 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW026256.D

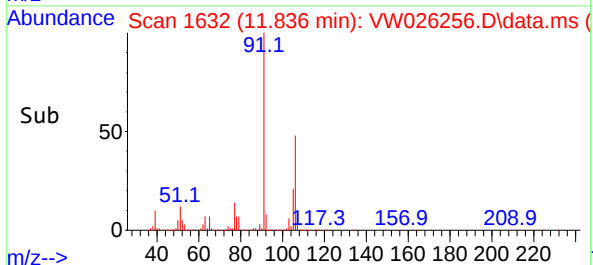
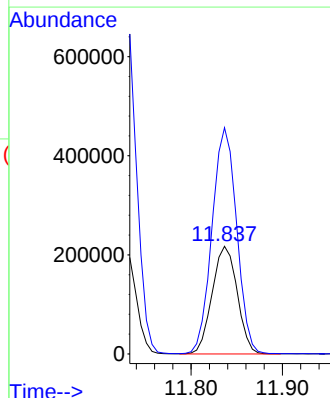
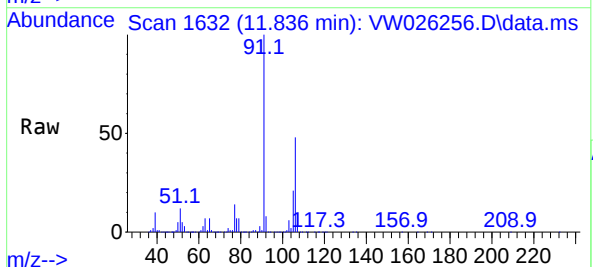
Acq: 19 Jun 2023 18:44

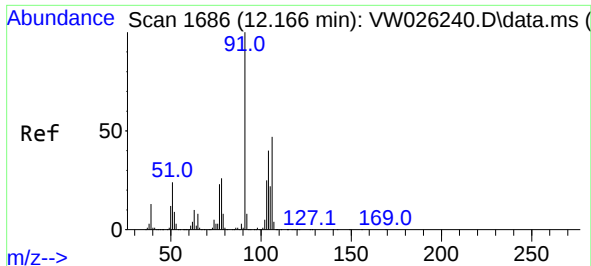
Tgt Ion:106 Resp: 413757

Ion Ratio Lower Upper

106 100

91 210.0 149.5 277.7

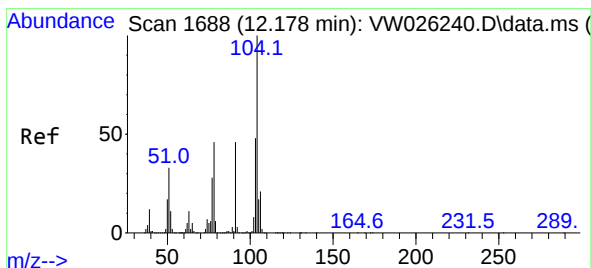
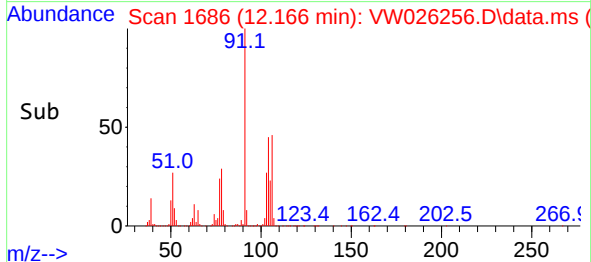
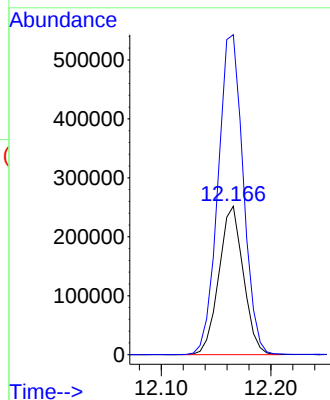
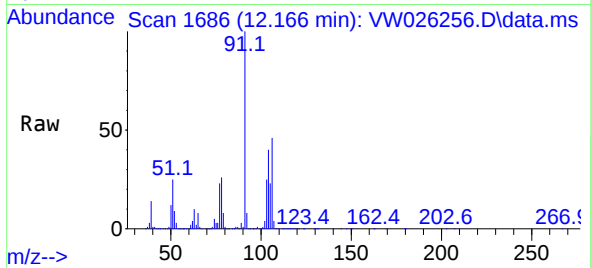




#54
o-Xylene
Concen: 22.839 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

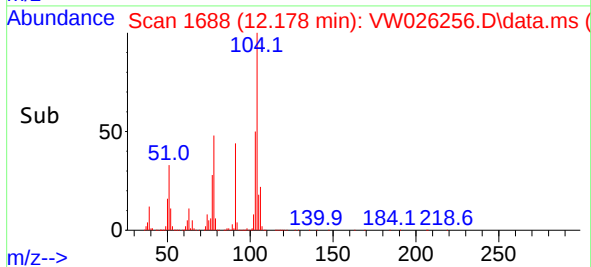
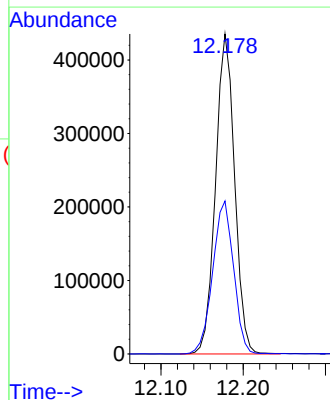
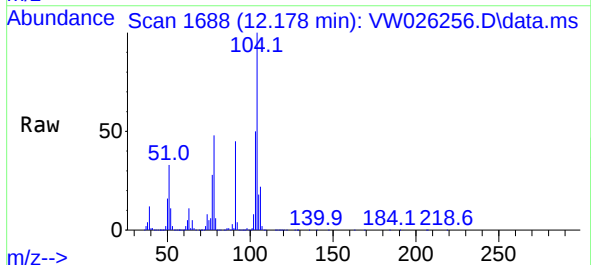
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

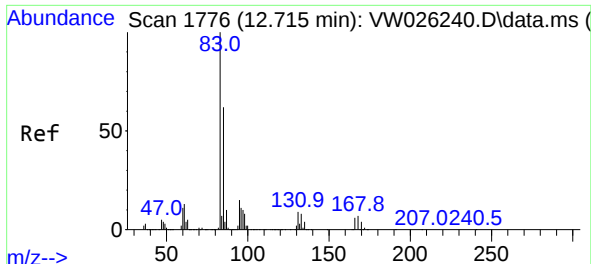
Tgt Ion:106 Resp: 389725
Ion Ratio Lower Upper
106 100
91 215.6 150.9 280.3



#55
Styrene
Concen: 23.932 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion:104 Resp: 700611
Ion Ratio Lower Upper
104 100
78 47.8 32.6 60.6

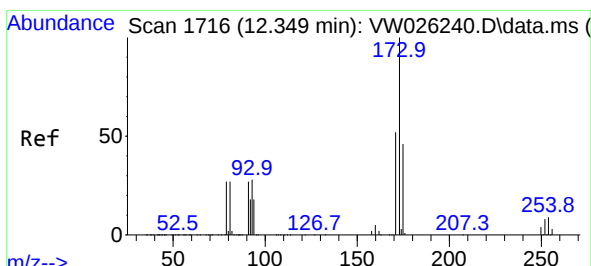
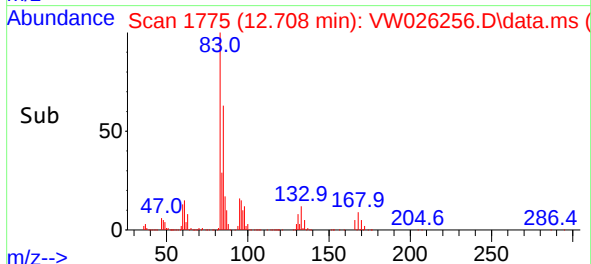
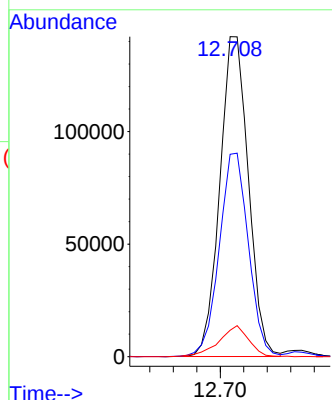
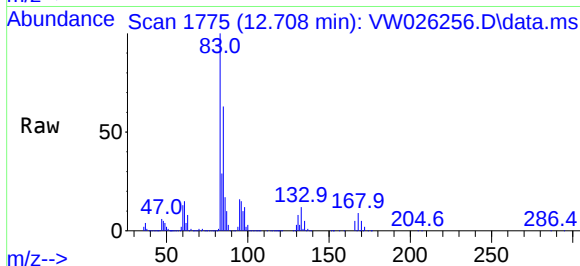




#57
1,1,2,2-Tetrachloroethane
Concen: 26.359 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

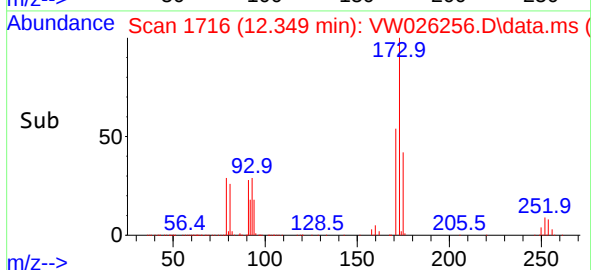
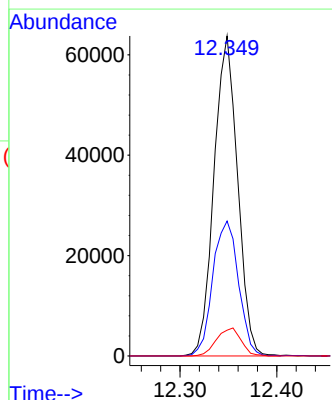
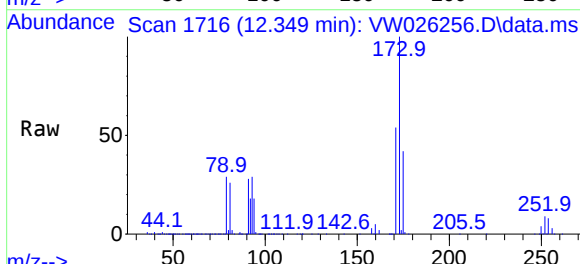
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

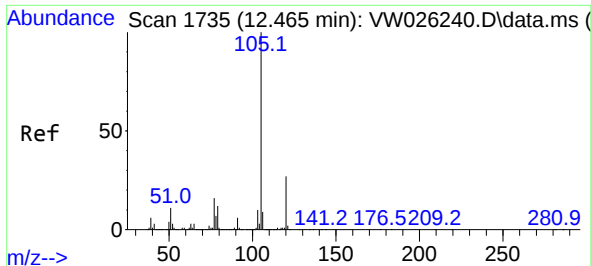
Tgt Ion: 83 Resp: 239861
Ion Ratio Lower Upper
83 100
85 63.3 42.6 79.0
131 8.2 7.2 10.8



#59
Bromoform
Concen: 23.071 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 173 Resp: 107870
Ion Ratio Lower Upper
173 100
175 45.9 38.6 57.8
254 9.1 7.4 11.0



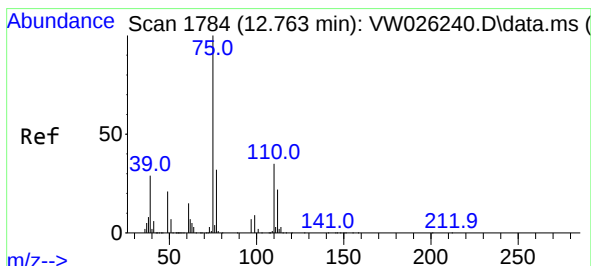
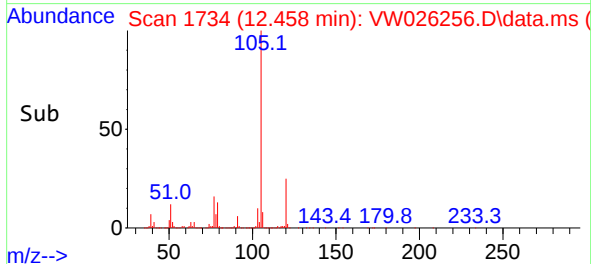
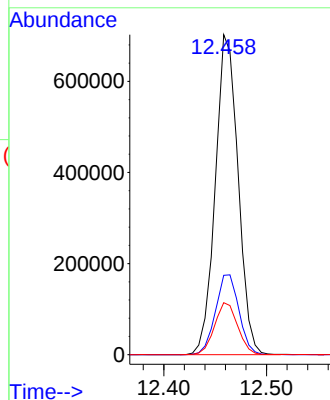
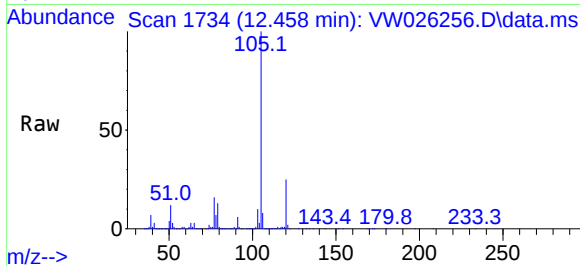


#60
Isopropylbenzene
Concen: 22.081 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Tgt Ion:105 Resp: 1079794

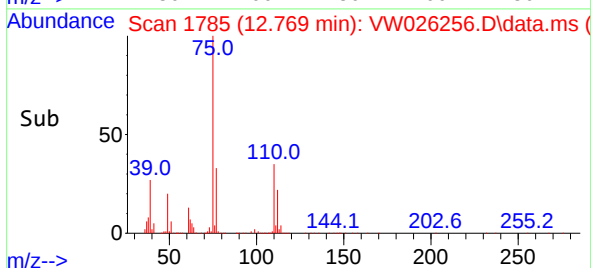
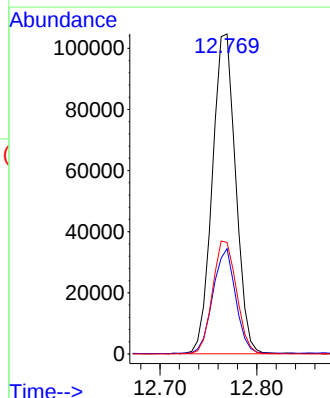
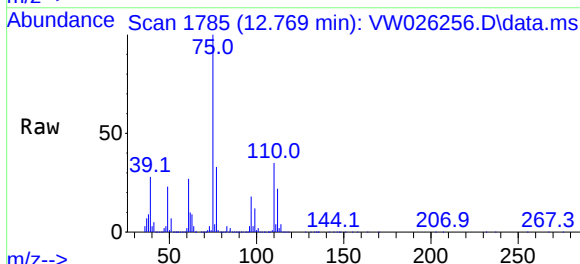
Ion	Ratio	Lower	Upper
105	100		
120	25.8	19.8	29.8
77	16.5	13.3	19.9

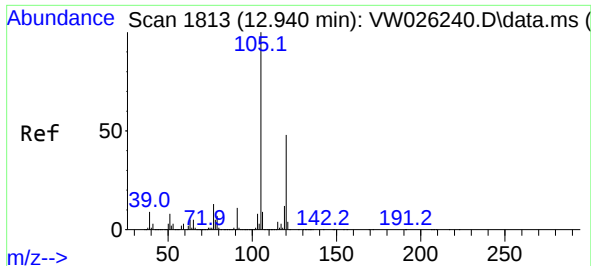


#61
1,2,3-Trichloropropane
Concen: 25.154 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion: 75 Resp: 175398

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8
110	36.3	28.7	43.1

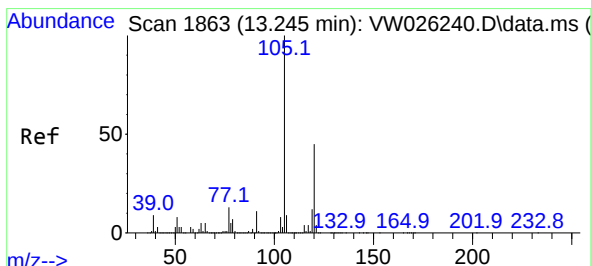
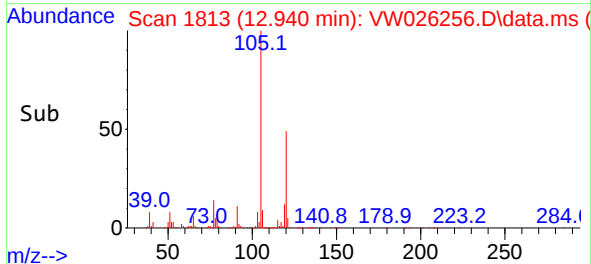
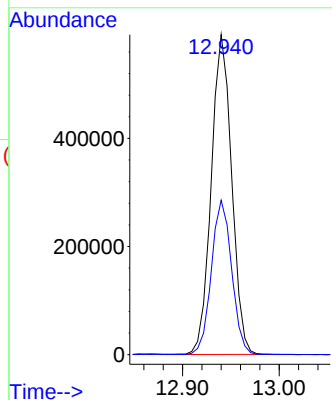
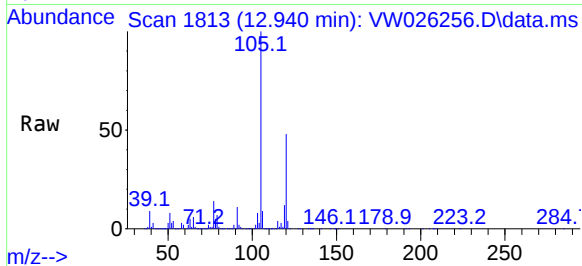




#62
1,3,5-Trimethylbenzene
Concen: 22.275 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

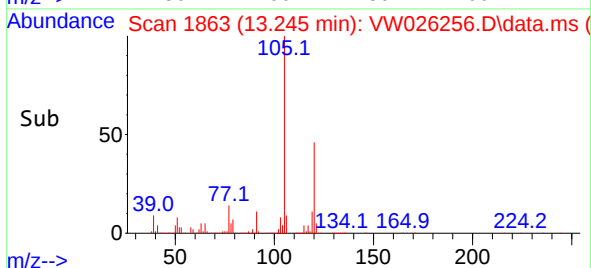
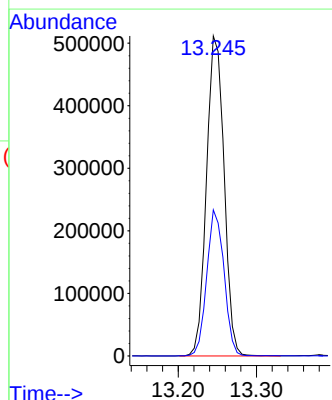
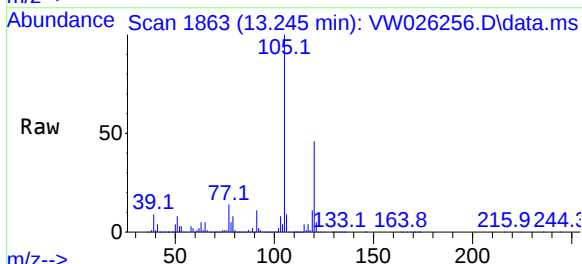
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

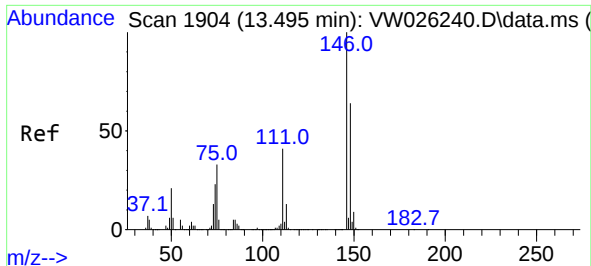
Tgt Ion:105 Resp: 865940
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 22.353 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion:105 Resp: 795880
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.2

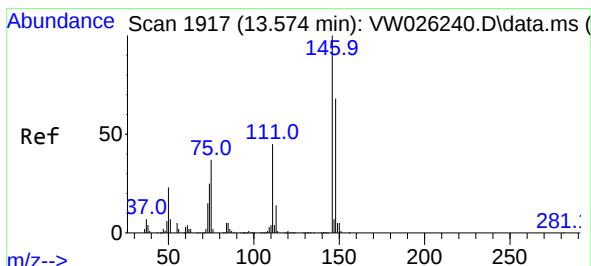
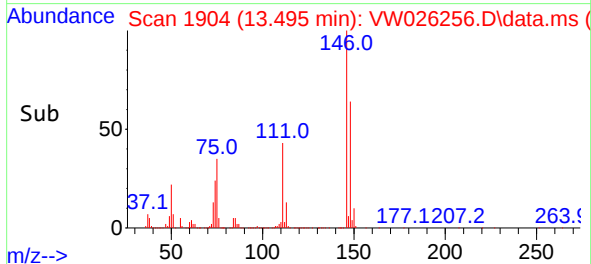
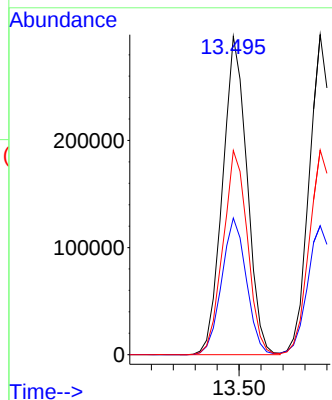
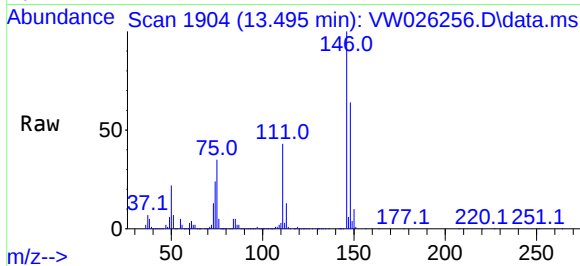




#64
1,3-Dichlorobenzene
Concen: 22.381 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

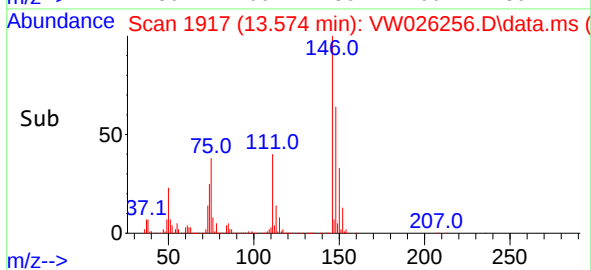
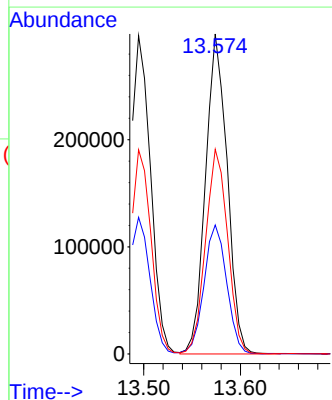
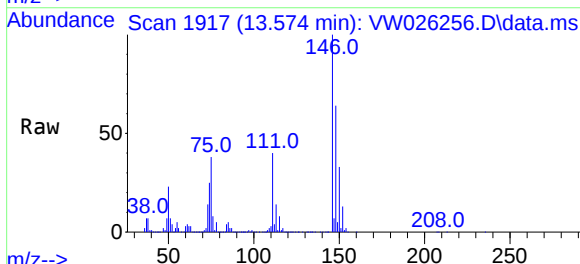
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

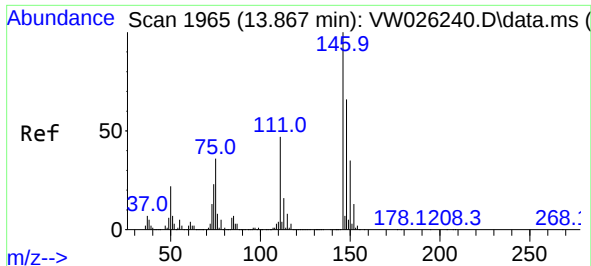
Tgt Ion:146 Resp: 460175
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 64.2 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 22.549 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion:146 Resp: 466784
Ion Ratio Lower Upper
146 100
111 40.3 29.2 54.2
148 64.0 42.8 79.6

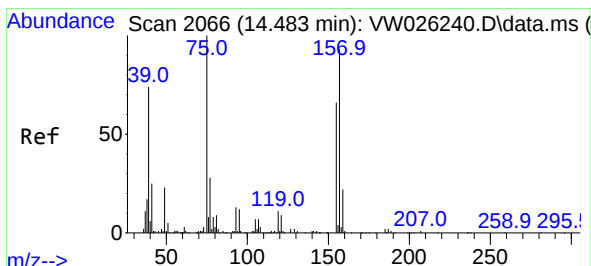
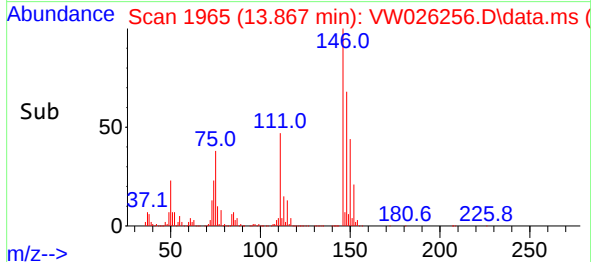
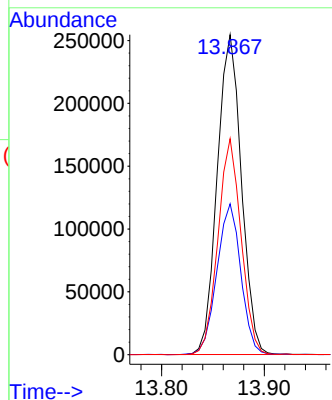
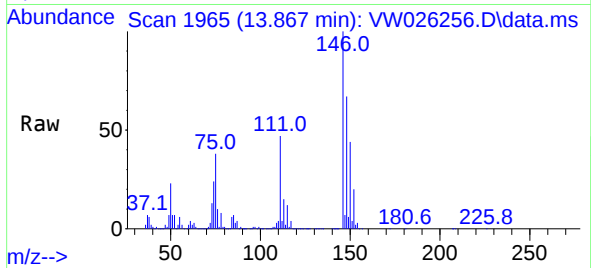




#67
1,2-Dichlorobenzene
Concen: 22.535 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

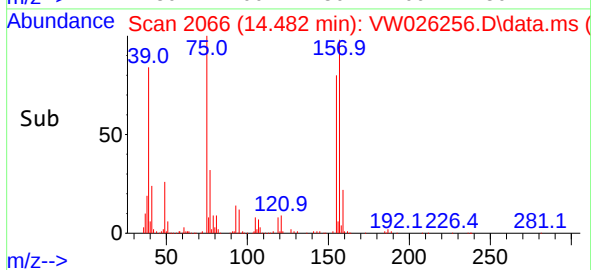
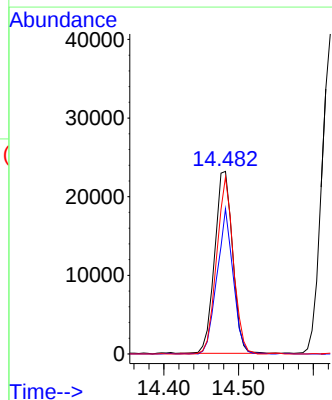
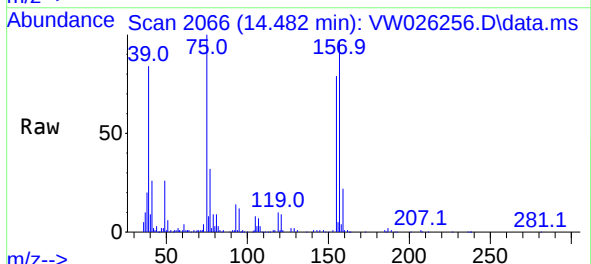
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

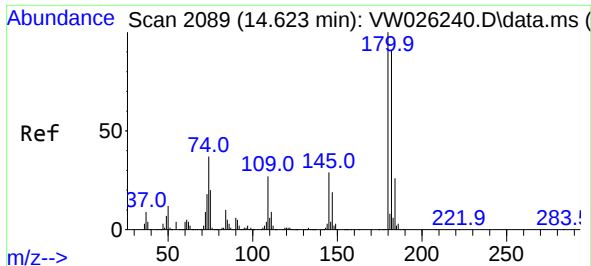
Tgt Ion:146 Resp: 416091
Ion Ratio Lower Upper
146 100
111 47.2 35.4 53.0
148 67.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.916 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

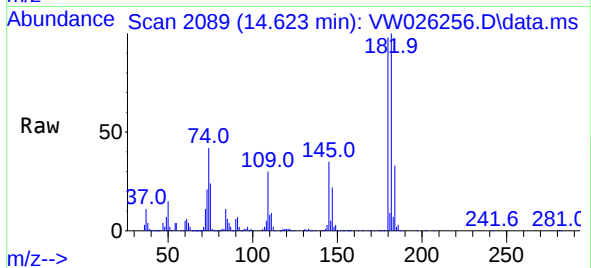
Tgt Ion: 75 Resp: 38637
Ion Ratio Lower Upper
75 100
155 79.5 59.0 88.6
157 96.9 71.7 107.5





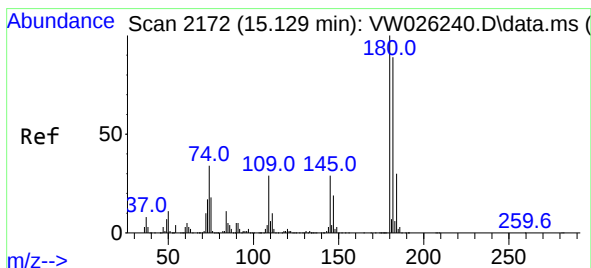
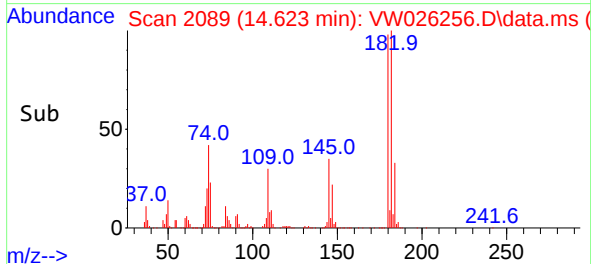
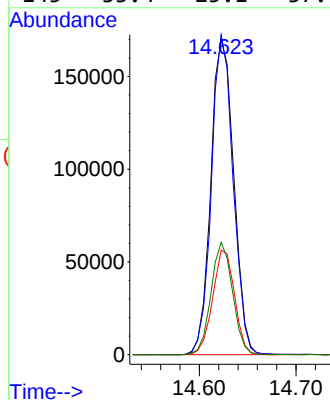
#69
1,3,5-Trichlorobenzene
Concen: 19.875 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524



Tgt Ion:180 Resp: 280713

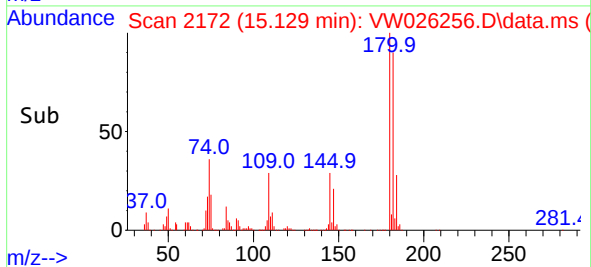
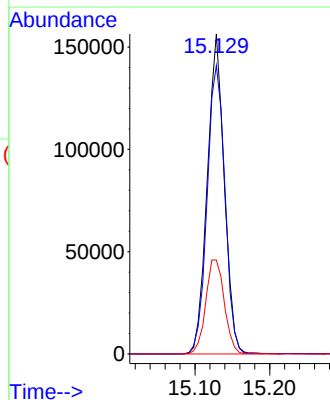
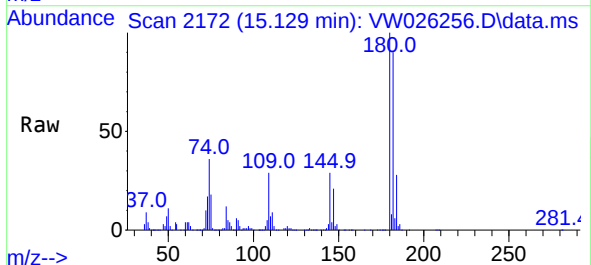
Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.4
184	31.7	23.7	35.5
145	33.4	25.1	37.7

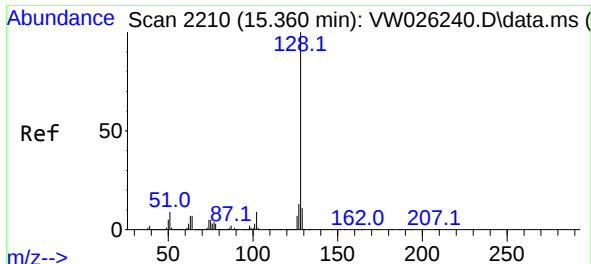


#70
1,2,4-trichlorobenzene
Concen: 21.172 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion:180 Resp: 246746

Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.9	118.3
145	32.2	27.2	40.8

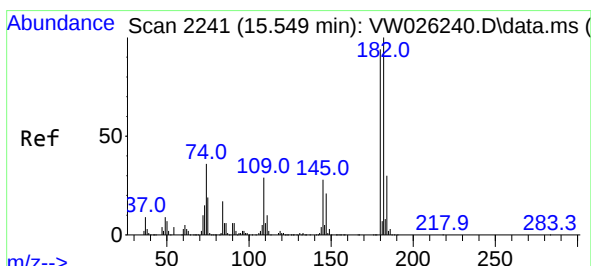
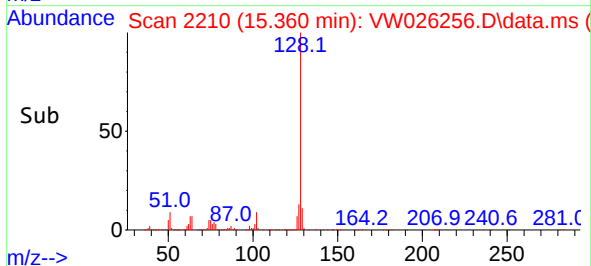
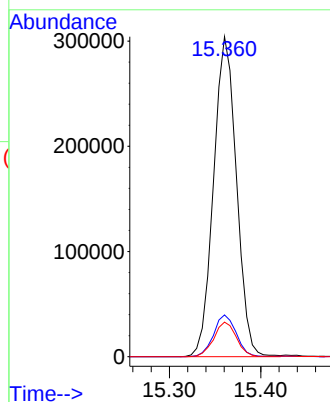
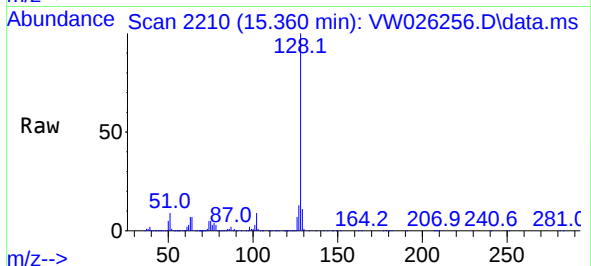




#71
Naphthalene
Concen: 25.547 ug/L
RT: 15.360 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Tgt Ion:	128	Resp:	530665
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.7	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 22.646 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW026256.D
Acq: 19 Jun 2023 18:44

Tgt Ion:	180	Resp:	230663
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.3	114.5
145	33.8	27.0	40.6

