

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053123\
 Data File : VW026104.D
 Acq On : 31 May 2023 17:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Jun 01 01:29:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 01 01:27:52 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.843	114	606668	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	546414	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	274358	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.363	65	230634	27.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.080%		
7) Chloroethane-d5		2.893	69	185543	29.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.160%		
11) 1,1-Dichloroethene-d2		4.021	65	111639	26.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.120%		
21) 2-Butanone-d5		7.075	46	150711	60.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.320%		
24) Chloroform-d		7.648	84	448496	25.245	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.000%		
26) 1,2-Dichloroethane-d4		8.307	65	247834	25.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.040%		
32) Benzene-d6		8.270	84	910199	24.756	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 99.040%		
36) 1,2-Dichloropropane-d6		9.270	67	289750	24.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.480%		
41) Toluene-d8		10.318	98	807103	24.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.000%		
43) trans-1,3-Dichloroprop...		10.575	79	111241	24.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.400%		
47) 2-Hexanone-d5		10.922	63	108608	59.133	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.260%		
56) 1,1,2,2-Tetrachloroeth...		12.690	84	232685	27.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 109.800%		
66) 1,2-Dichlorobenzene-d4		13.848	152	242531	23.095	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.400%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.015	85	198481	26.688	ug/L	94
3) Chloromethane		2.222	50	261122	27.383	ug/L	98
5) Vinyl chloride		2.375	62	276383	27.115	ug/L	100
6) Bromomethane		2.789	94	145632	26.208	ug/L	98
8) Chloroethane		2.930	64	156082	28.336	ug/L	98
9) Trichlorofluoromethane		3.265	101	172475	26.301	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		4.070	101	221899	26.817	ug/L	91
12) 1,1-Dichloroethene		4.045	96	205339	26.584	ug/L	91
13) Acetone		4.118	43	120359	62.602	ug/L	100
14) Carbon disulfide		4.393	76	710082	26.041	ug/L	100
15) Methyl Acetate		4.667	43	128361	29.748	ug/L	100
16) Methylene chloride		4.923	84	236737	24.449	ug/L	100
17) trans-1,2-Dichloroethene		5.423	96	219148	25.287	ug/L	96
18) Methyl tert-butyl Ether		5.423	73	330670	24.209	ug/L	99
19) 1,1-Dichloroethane		6.216	63	439169	24.892	ug/L	99
20) cis-1,2-Dichloroethene		7.167	96	232508	25.328	ug/L	96
22) 2-Butanone		7.167	43	170650	62.223	ug/L	98
23) Bromochloromethane		7.514	128	97050	24.790	ug/L	93
25) Chloroform		7.673	83	408326	24.848	ug/L	100

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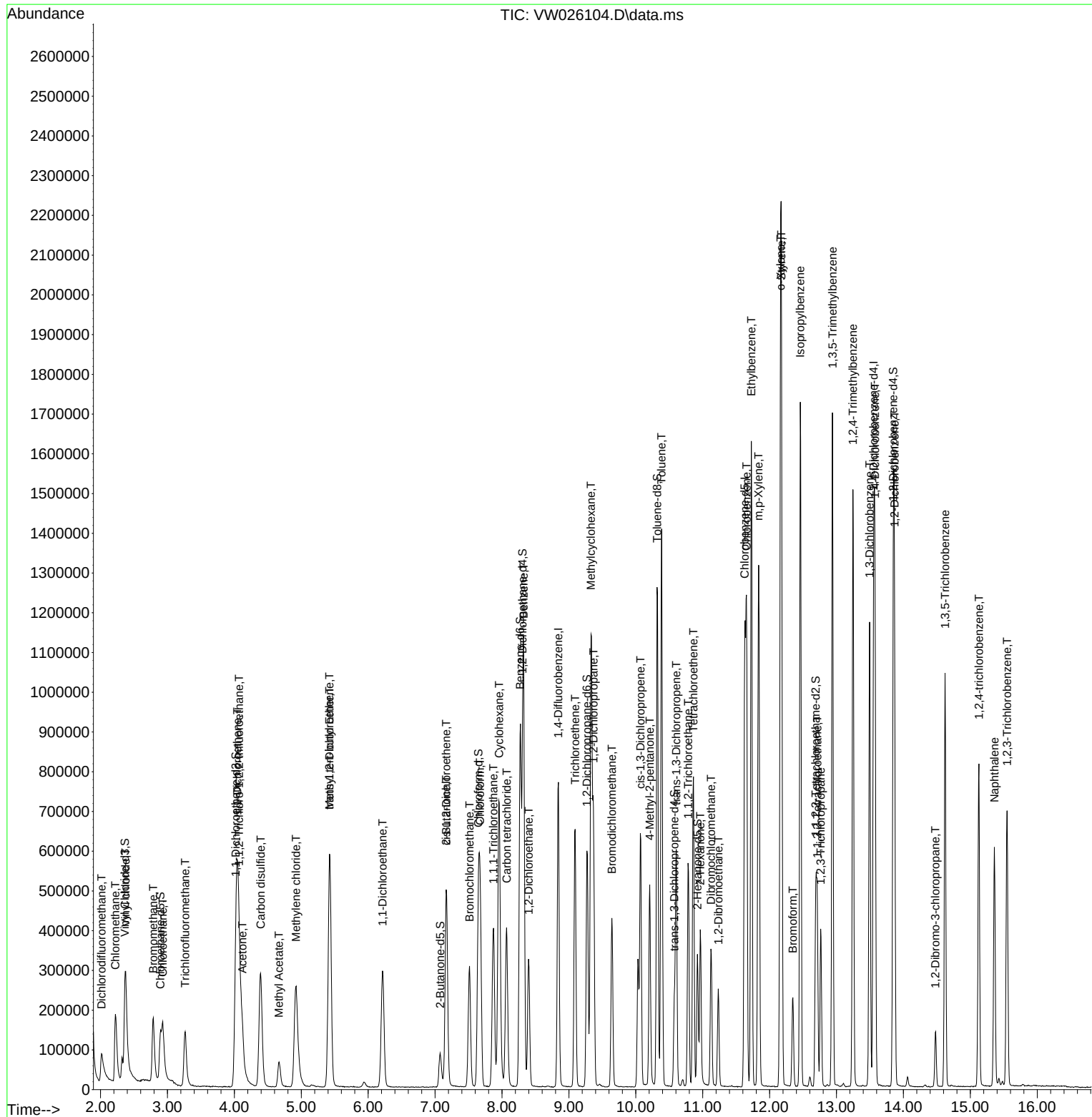
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	292138	25.776	ug/L	98
29) Cyclohexane	7.959	56	432809	25.656	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	321342	24.234	ug/L	98
31) Carbon tetrachloride	8.069	117	299111	24.719	ug/L	99
33) Benzene	8.325	78	929917	24.843	ug/L	100
34) Trichloroethene	9.093	95	234114	24.426	ug/L	95
35) Methylcyclohexane	9.331	83	437798	25.813	ug/L	100
37) 1,2-Dichloropropane	9.367	63	252603	24.915	ug/L	100
38) Bromodichloromethane	9.642	83	286122	24.292	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	370673	24.879	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	354804	59.359	ug/L	99
42) Toluene	10.386	91	965435	25.217	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	316564	25.504	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	174004	26.041	ug/L	98
46) Tetrachloroethene	10.861	164	169501	25.002	ug/L	97
48) 2-Hexanone	10.965	43	260990	61.926	ug/L	99
49) Dibromochloromethane	11.123	129	179263	25.589	ug/L	92
50) 1,2-Dibromoethane	11.233	107	163331	26.400	ug/L	99
51) Chlorobenzene	11.654	112	588922	24.548	ug/L	99
52) Ethylbenzene	11.727	91	1091948	25.284	ug/L	99
53) m,p-Xylene	11.836	106	408919	25.452	ug/L	96
54) o-Xylene	12.166	106	380953	25.122	ug/L	98
55) Styrene	12.178	104	659997	25.369	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	222314	27.492	ug/L	99
59) Bromoform	12.349	173	100285	24.336	ug/L	99
60) Isopropylbenzene	12.458	105	1054080	24.457	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164148	26.710	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	847283	24.729	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	774356	24.676	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	424368	23.418	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	454992	24.938	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	389332	23.925	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	37153	26.094	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	280607	22.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	231848	22.571	ug/L	96
71) Naphthalene	15.360	128	482885	26.377	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	223440	24.890	ug/L	94

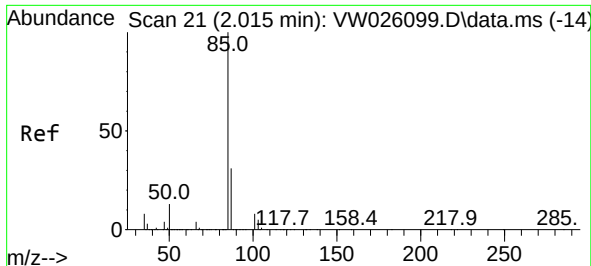
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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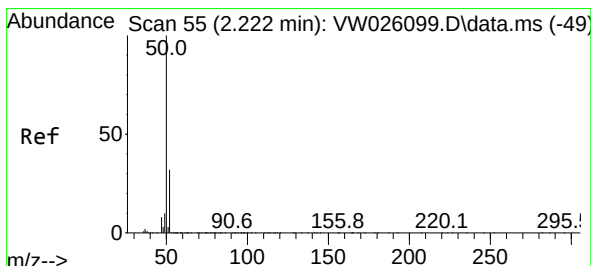
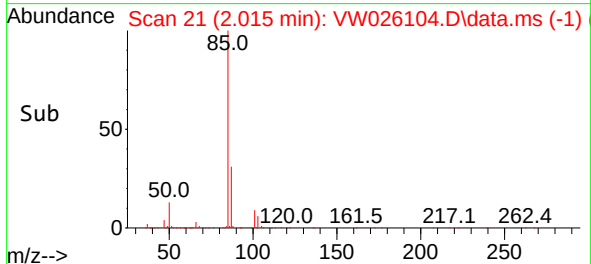
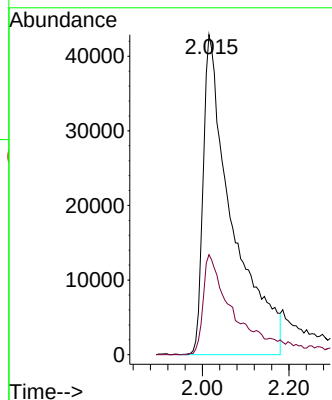
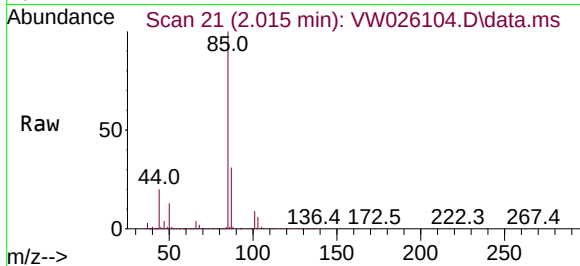




#2
 Dichlorodifluoromethane
 Concen: 26.688 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026104.D
 Acq: 31 May 2023 17:36

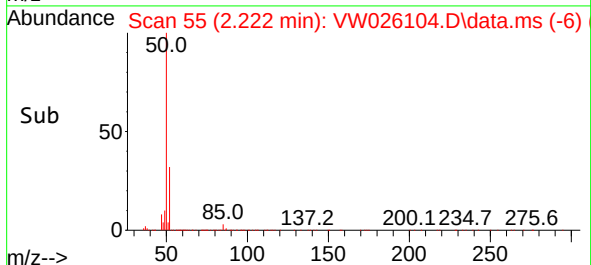
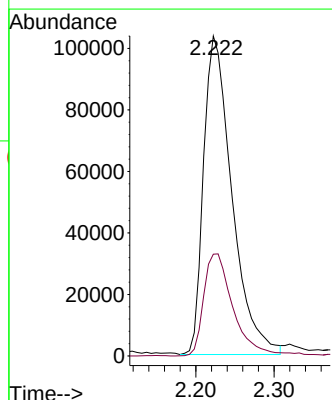
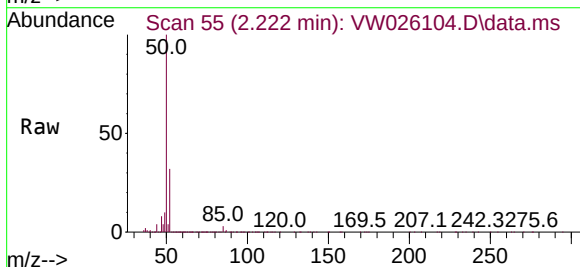
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 ClientSampleId :
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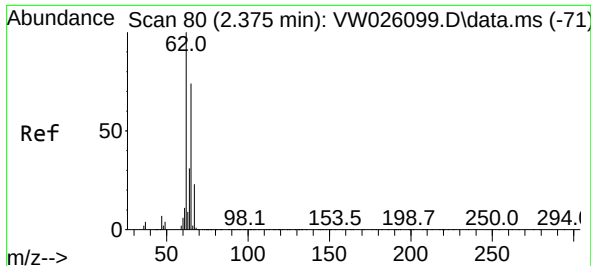
Tgt Ion: 85 Resp: 198481
 Ion Ratio Lower Upper
 85 100
 87 24.5 22.2 33.2



#3
 Chloromethane
 Concen: 27.383 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026104.D
 Acq: 31 May 2023 17:36

Tgt Ion: 50 Resp: 261122
 Ion Ratio Lower Upper
 50 100
 52 31.8 21.3 39.6

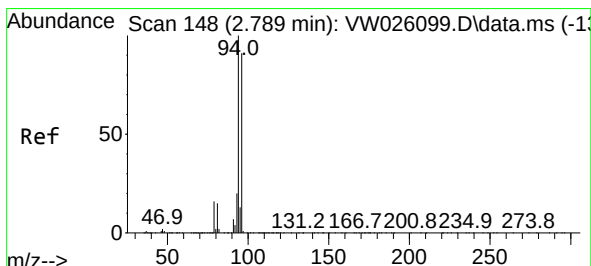
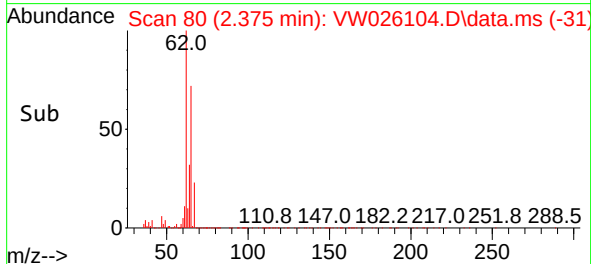
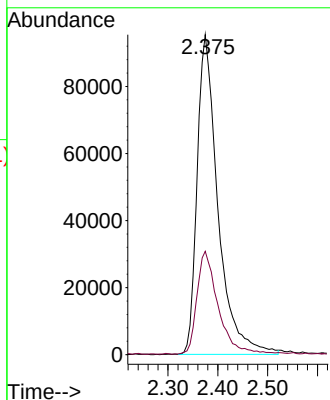
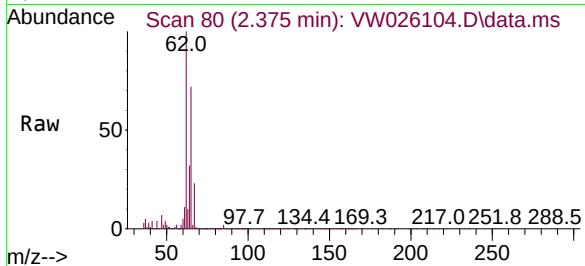




#5
 Vinyl chloride
 Concen: 27.115 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026104.D
 Acq: 31 May 2023 17:36

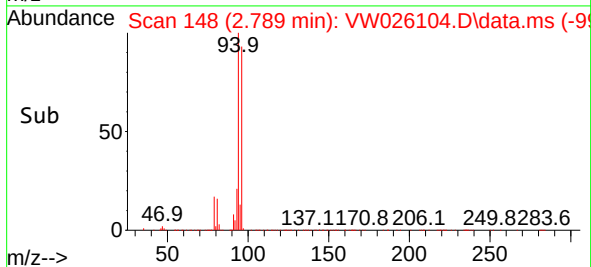
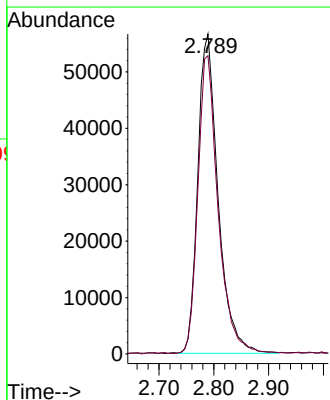
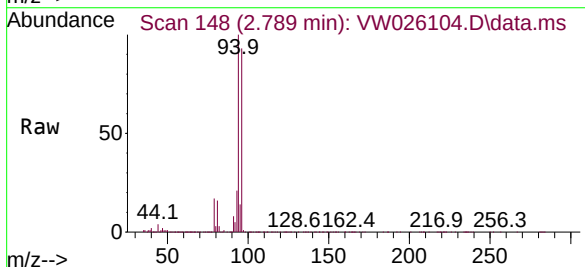
Instrument :
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 ClientSampleId :
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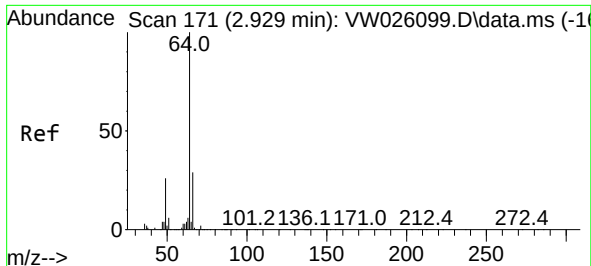
Tgt Ion: 62 Resp: 276383
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.1



#6
 Bromomethane
 Concen: 26.208 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026104.D
 Acq: 31 May 2023 17:36

Tgt Ion: 94 Resp: 145632
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.2 119.2





#8

Chloroethane

Concen: 28.336 ug/L

RT: 2.930 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

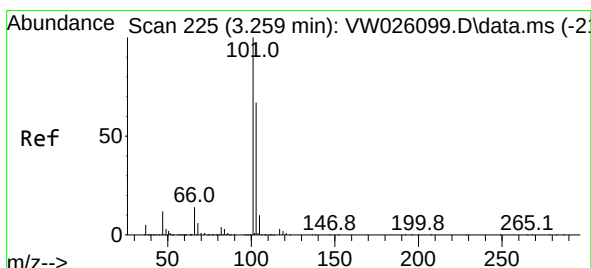
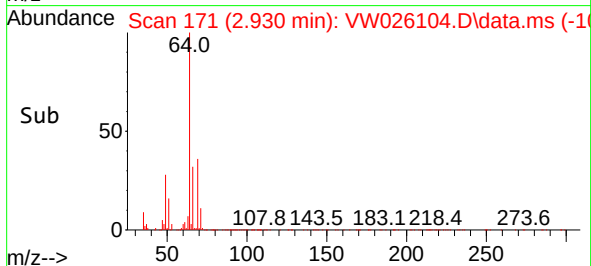
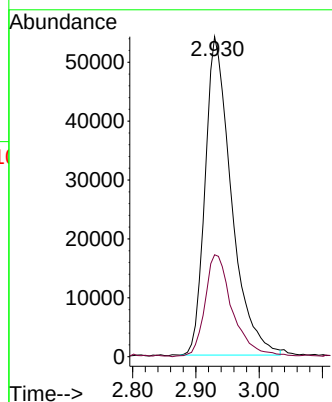
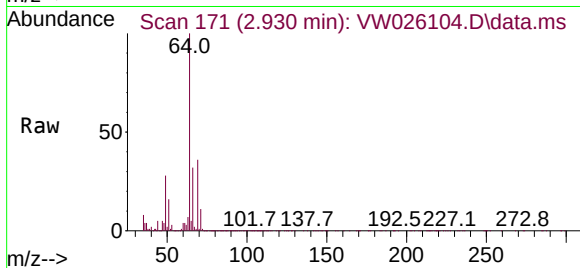
VSTD025505

Tgt Ion: 64 Resp: 156082

Ion Ratio Lower Upper

64 100

66 31.8 23.2 43.2



#9

Trichlorofluoromethane

Concen: 26.301 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.006 min

Lab File: VW026104.D

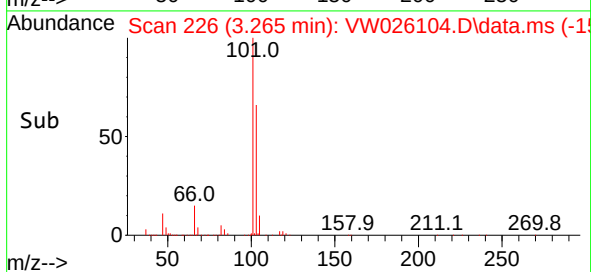
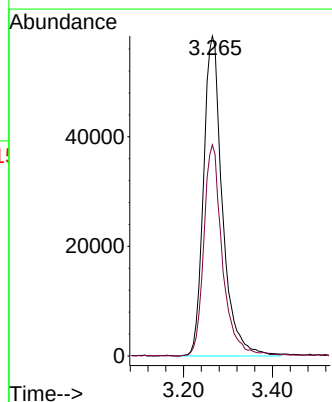
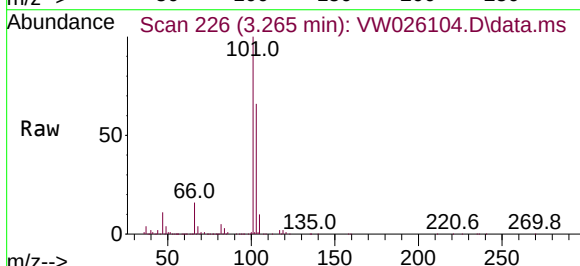
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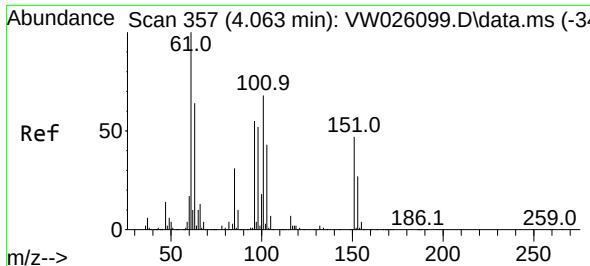
Tgt Ion: 101 Resp: 172475

Ion Ratio Lower Upper

101 100

103 63.8 51.6 77.4

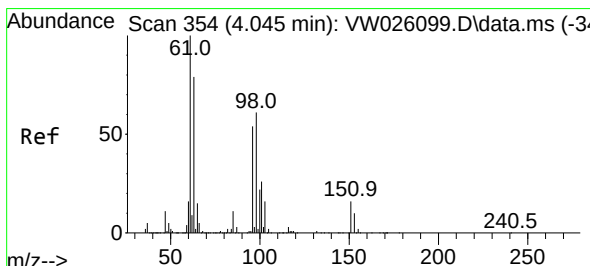
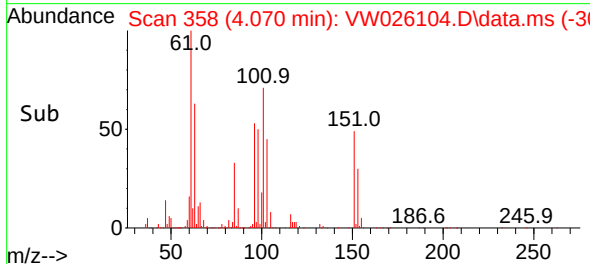
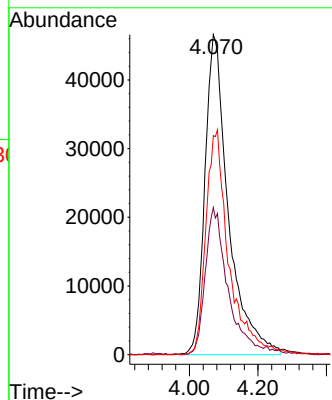
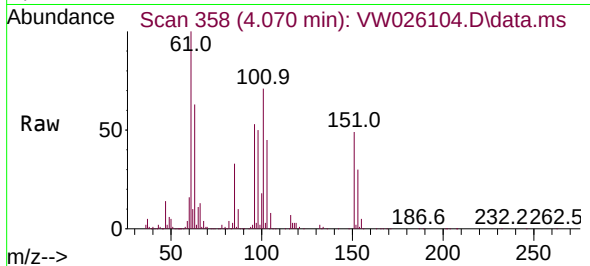




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.817 ug/L
 RT: 4.070 min Scan# 357
 Delta R.T. 0.006 min
 Lab File: VW026104.D
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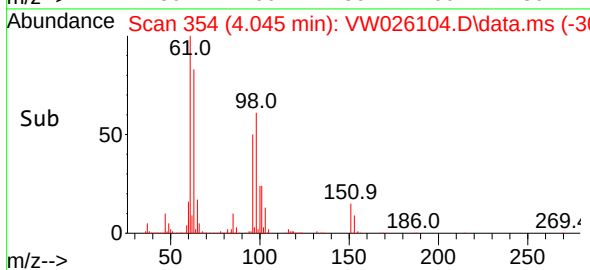
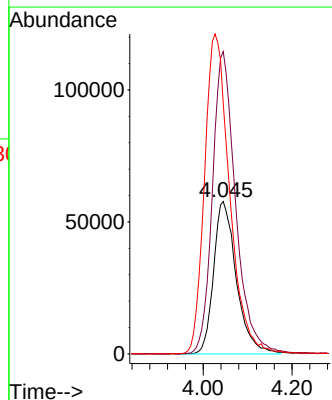
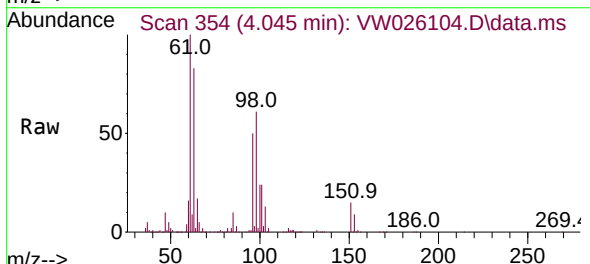
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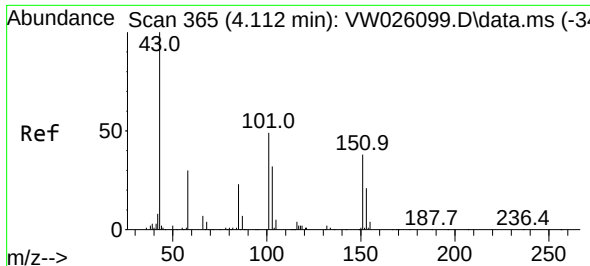
Tgt Ion:101 Resp: 221899
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.1 54.1
 151 57.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 26.584 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026104.D
 Acq: 31 May 2023 17:36

Tgt Ion: 96 Resp: 205339
 Ion Ratio Lower Upper
 96 100
 61 198.3 140.6 261.0
 63 164.3 131.7 244.5

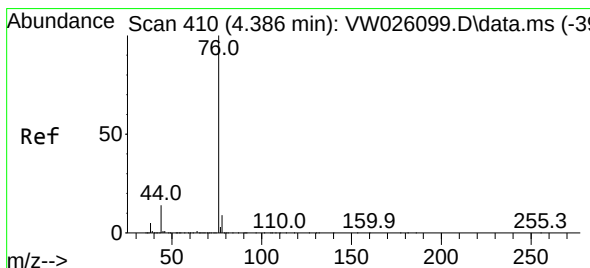
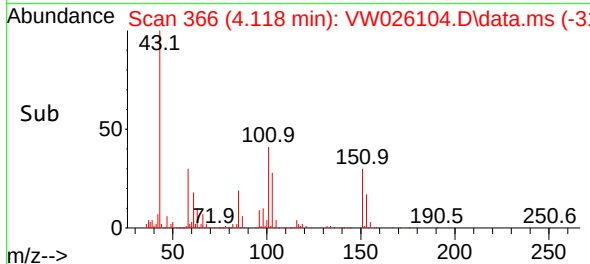
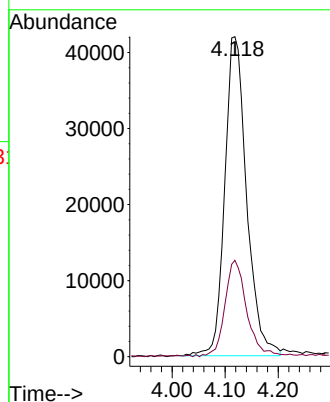
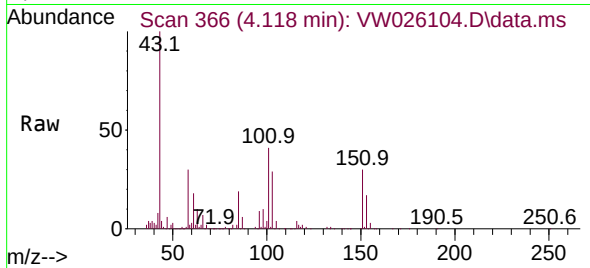




#13
Acetone
Concen: 62.602 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW026104.D
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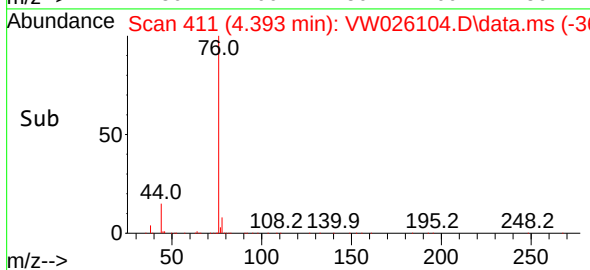
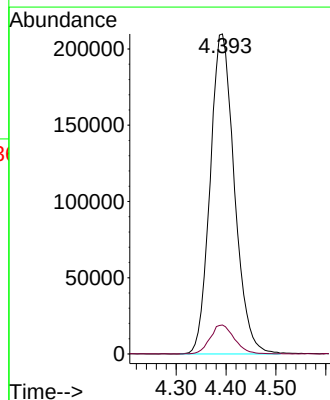
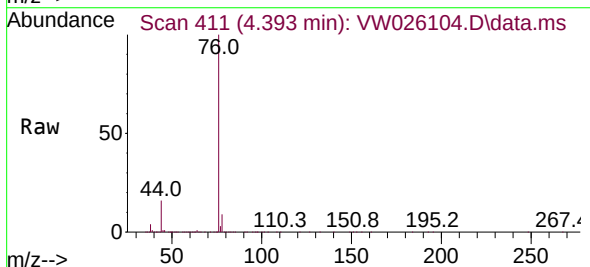
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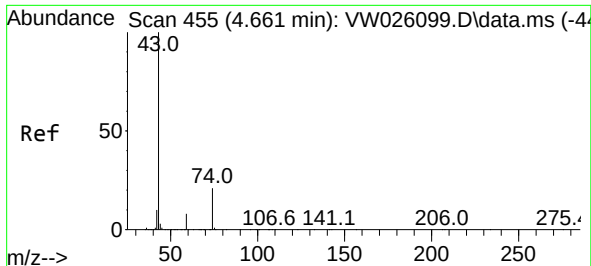
Tgt Ion: 43 Resp: 120359
Ion Ratio Lower Upper
43 100
58 29.2 0.0 58.2



#14
Carbon disulfide
Concen: 26.041 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 710082
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

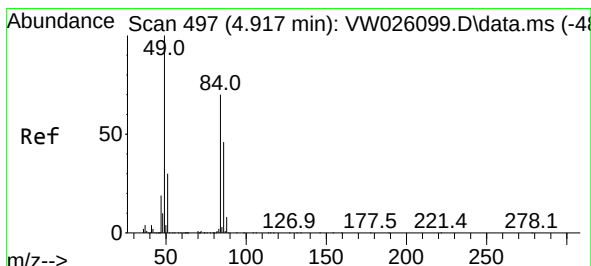
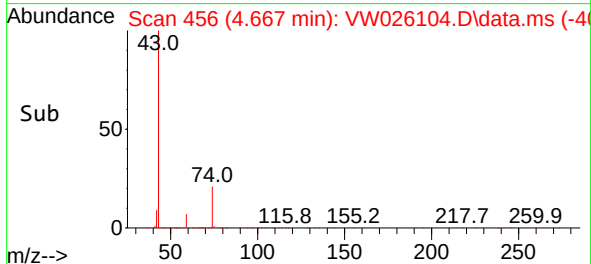
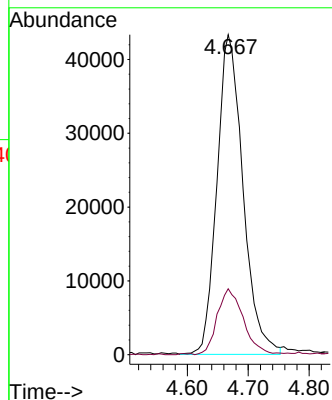
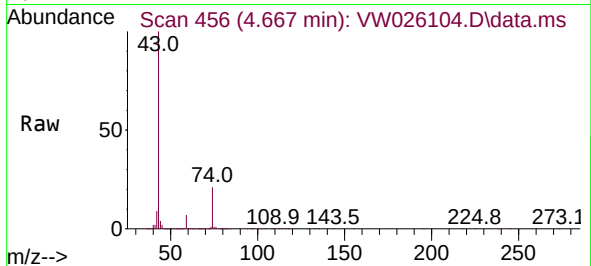




#15
Methyl Acetate
Concen: 29.748 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

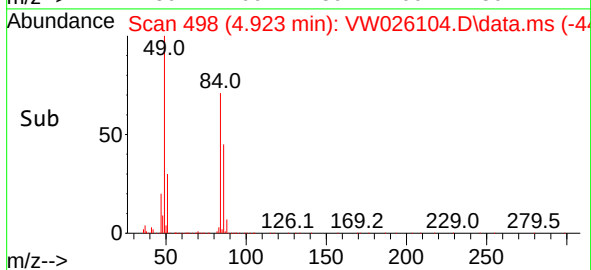
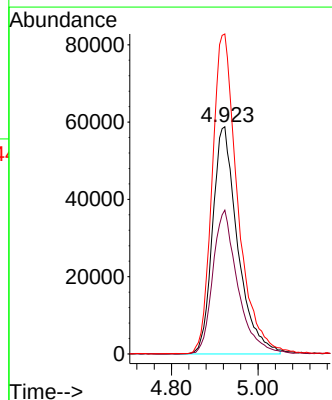
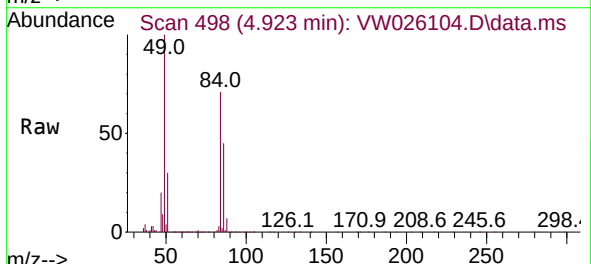
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

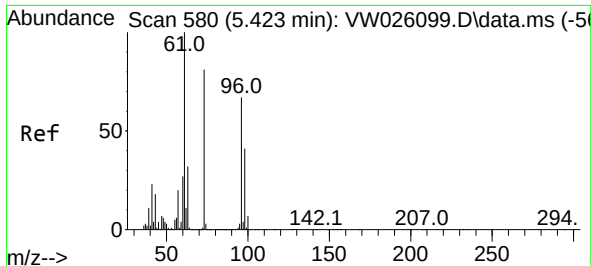
Tgt Ion: 43 Resp: 128361
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0



#16
Methylene chloride
Concen: 24.449 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion: 84 Resp: 236737
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.0
49 140.8 98.8 183.6

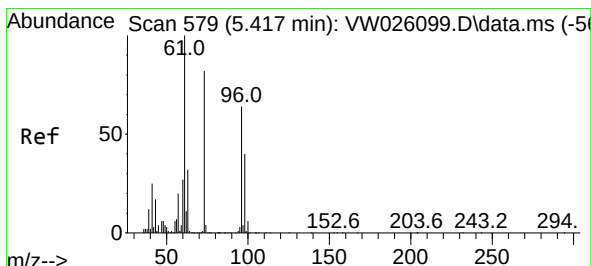
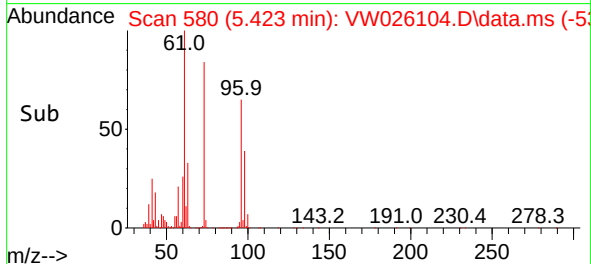
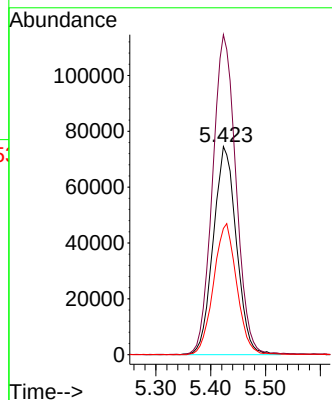
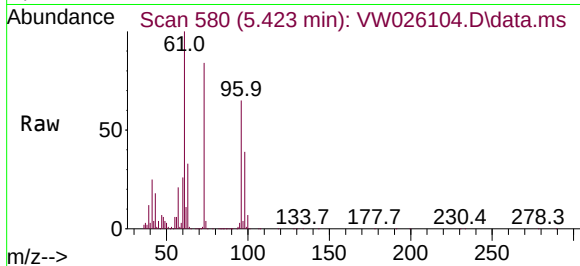




#17
trans-1,2-Dichloroethene
Concen: 25.287 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

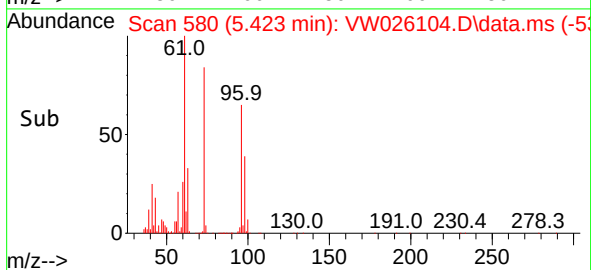
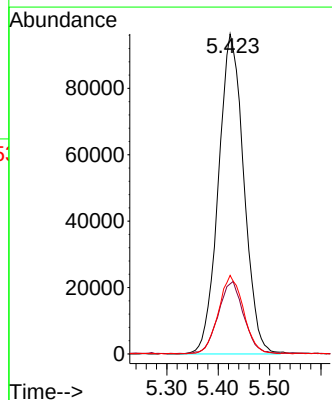
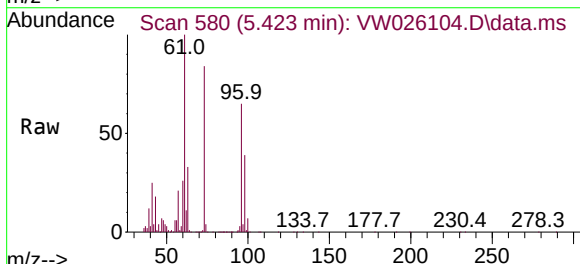
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

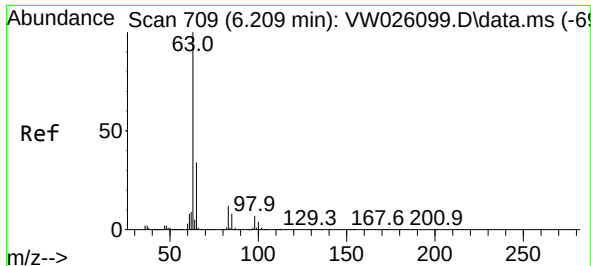
Tgt Ion: 96 Resp: 219148
Ion Ratio Lower Upper
96 100
61 153.7 113.0 209.8
98 60.6 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.209 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion: 73 Resp: 330670
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.6
57 24.0 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.892 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

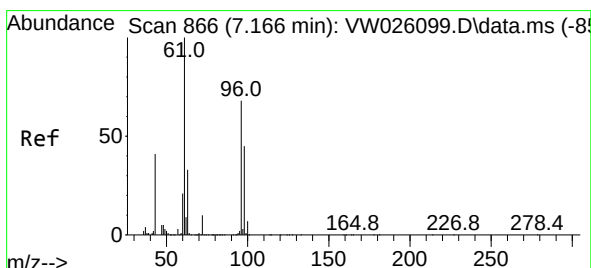
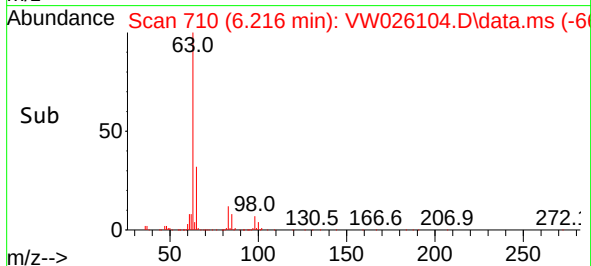
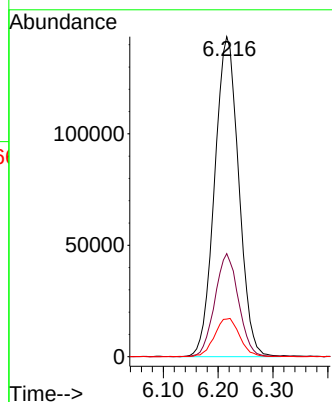
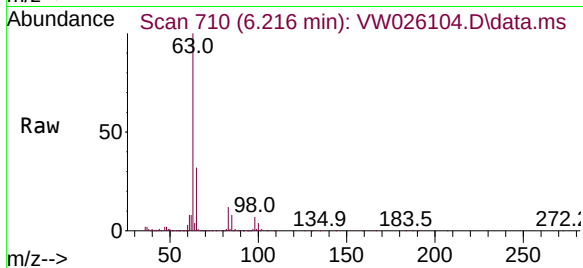
Tgt Ion: 63 Resp: 439169

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.5

83 11.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 25.328 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

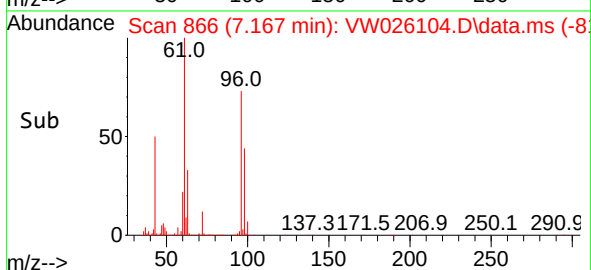
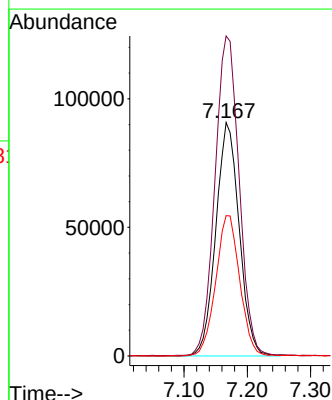
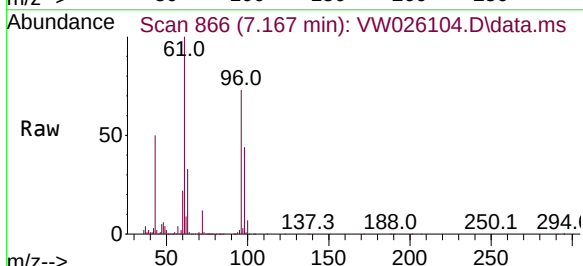
Tgt Ion: 96 Resp: 232508

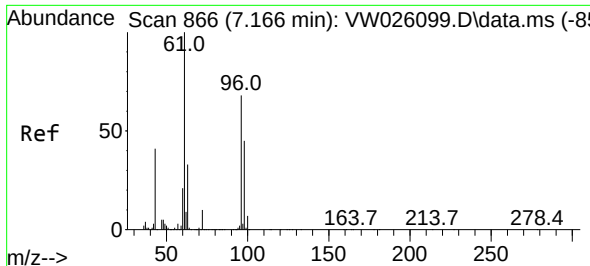
Ion Ratio Lower Upper

96 100

61 137.1 98.4 182.8

98 60.1 45.2 84.0

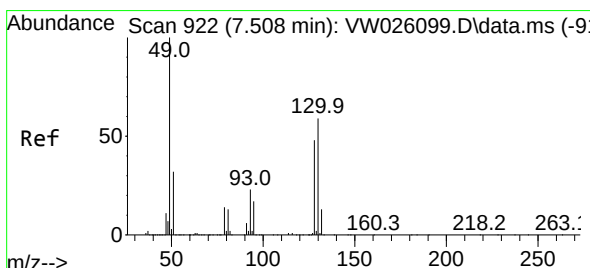
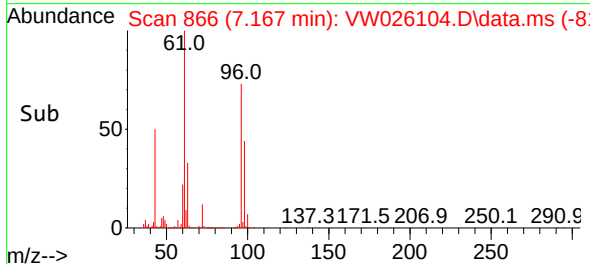
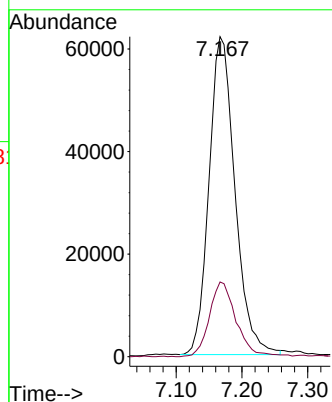
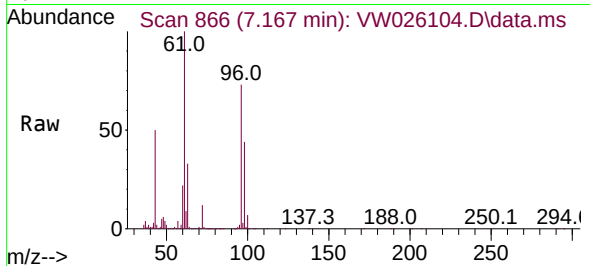




#22
2-Butanone
Concen: 62.223 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

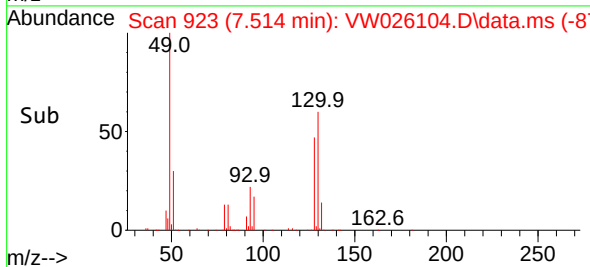
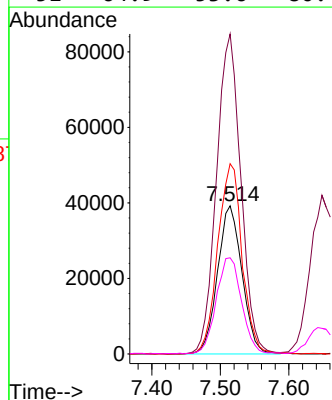
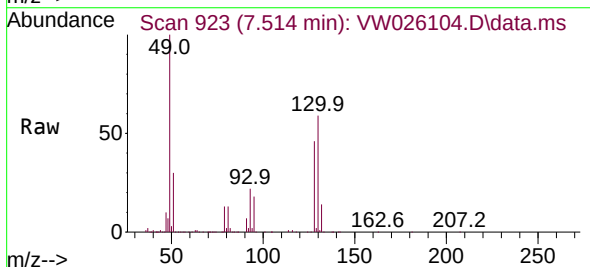
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

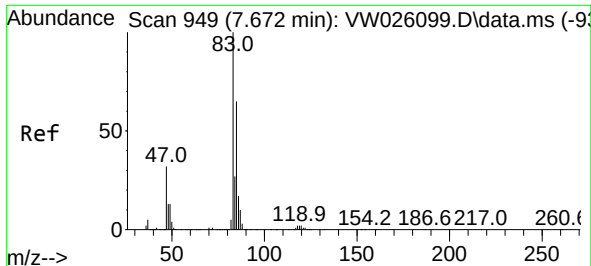
Tgt Ion: 43 Resp: 170650
Ion Ratio Lower Upper
43 100
72 24.0 12.4 37.4



#23
Bromochloromethane
Concen: 24.790 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion: 128 Resp: 97050
Ion Ratio Lower Upper
128 100
49 216.0 140.6 261.0
130 128.4 86.0 159.6
51 64.9 53.6 80.4

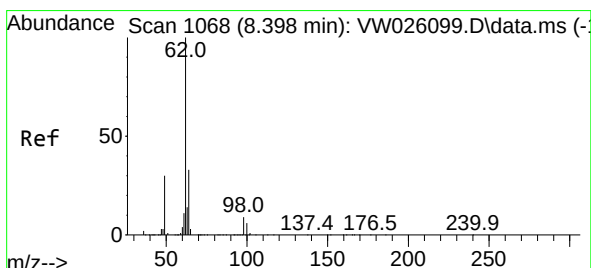
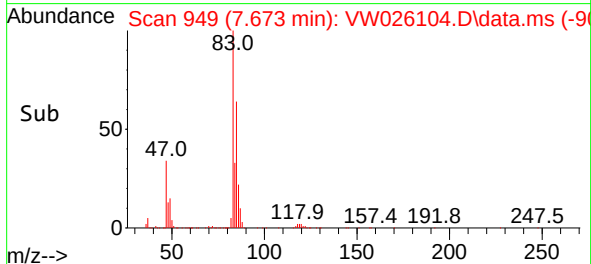
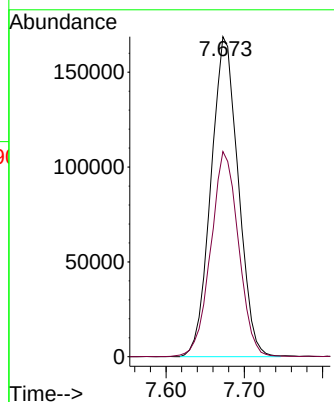
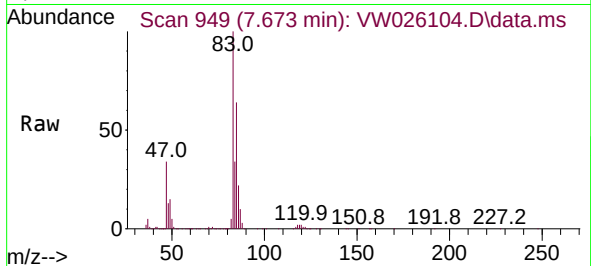




#25
Chloroform
Concen: 24.848 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

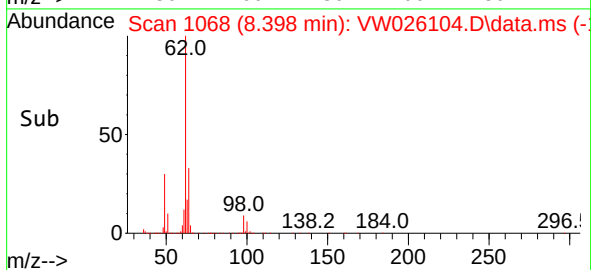
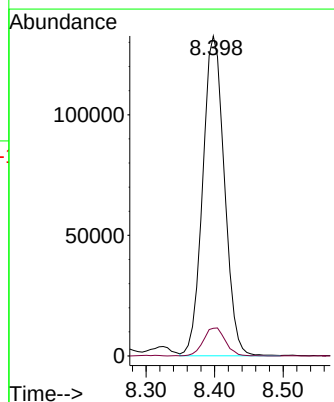
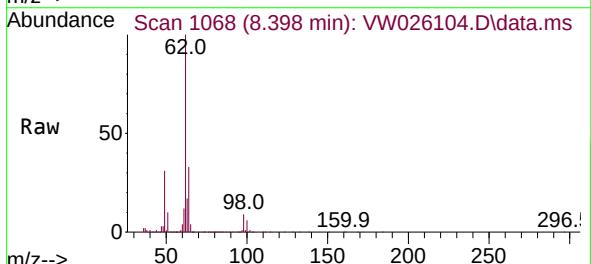
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

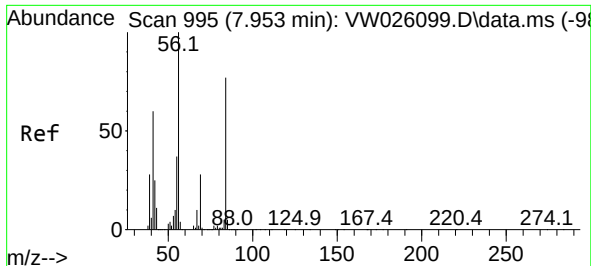
Tgt Ion: 83 Resp: 408326
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.776 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion: 62 Resp: 292138
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.2





#29

Cyclohexane

Concen: 25.656 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

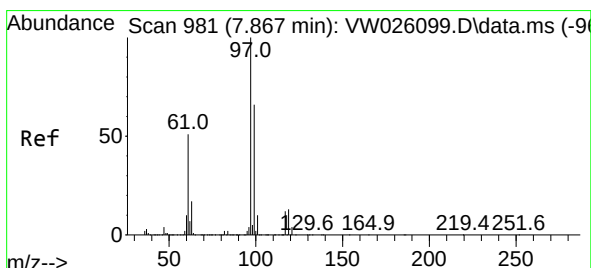
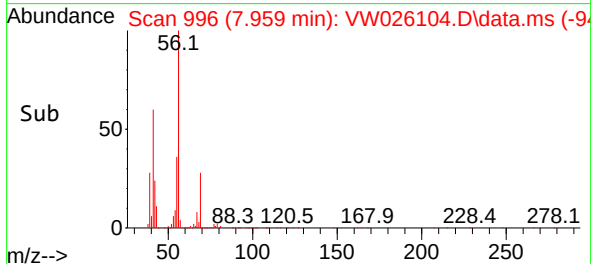
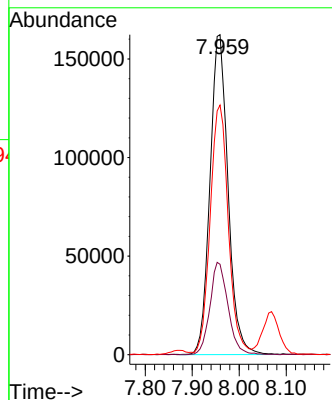
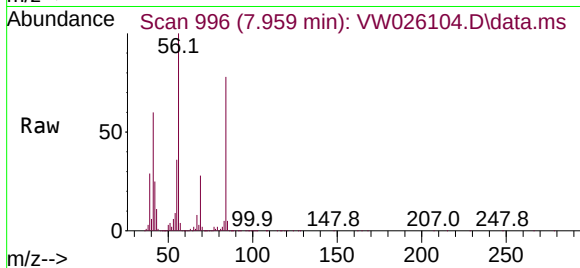
Tgt Ion: 56 Resp: 432809

Ion Ratio Lower Upper

56 100

69 28.7 23.3 34.9

84 78.4 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 24.234 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

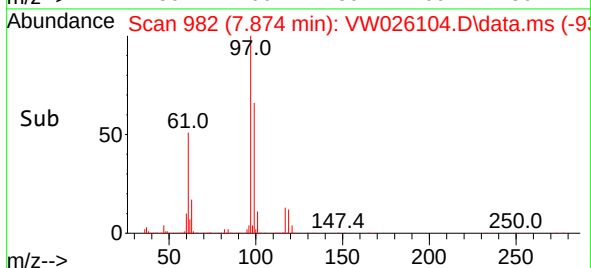
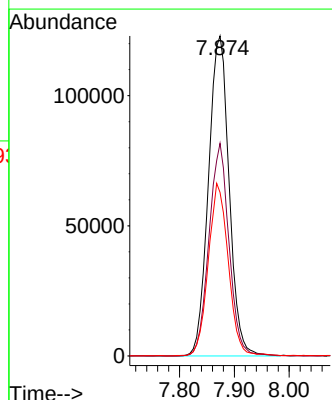
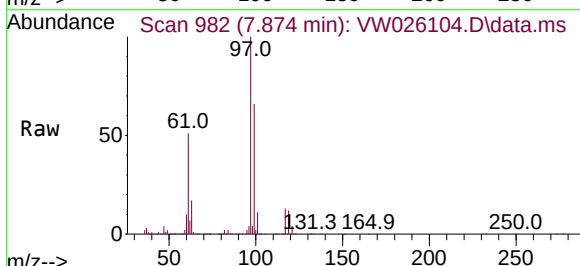
Tgt Ion: 97 Resp: 321342

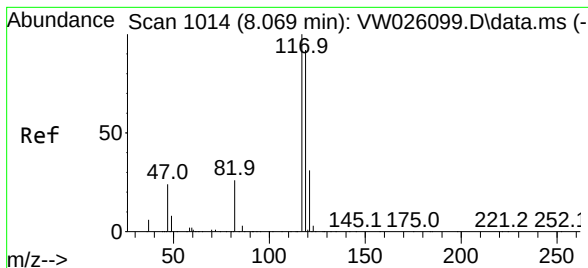
Ion Ratio Lower Upper

97 100

99 64.4 50.6 76.0

61 52.1 40.5 60.7





#31

Carbon tetrachloride

Concen: 24.719 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

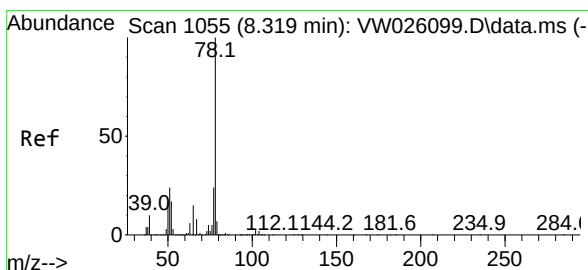
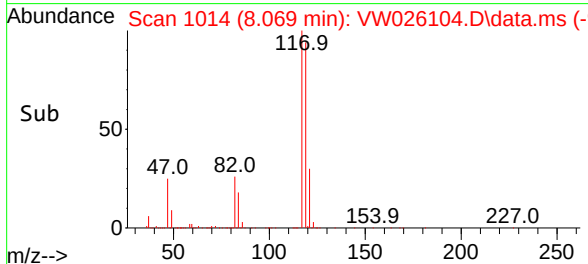
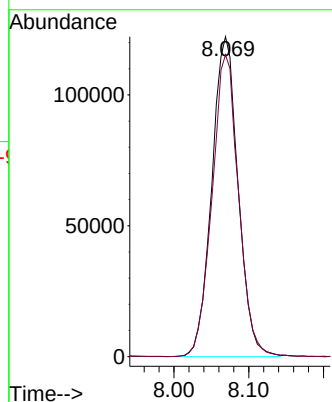
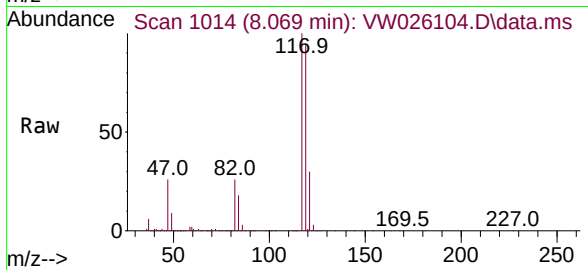
VSTD025505

Tgt Ion:117 Resp: 299111

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2



#33

Benzene

Concen: 24.843 ug/L

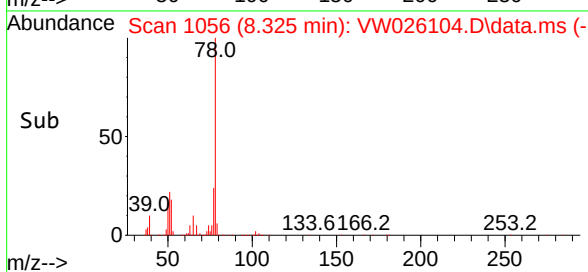
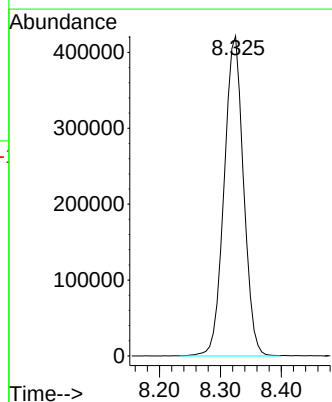
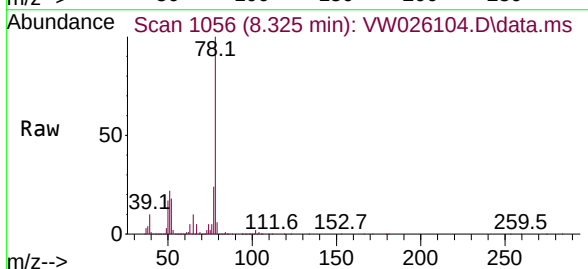
RT: 8.325 min Scan# 1056

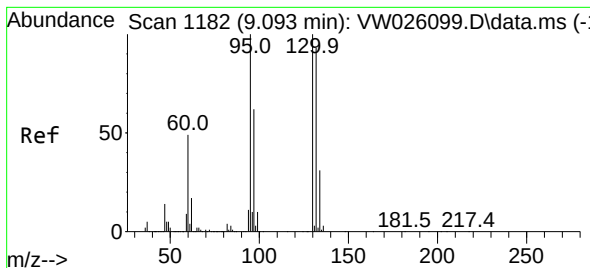
Delta R.T. 0.006 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Tgt Ion: 78 Resp: 929917





#34

Trichloroethene

Concen: 24.426 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

Tgt Ion: 95 Resp: 234114

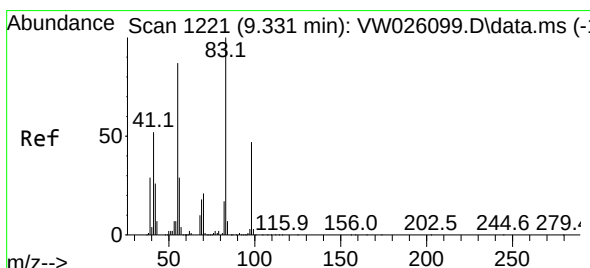
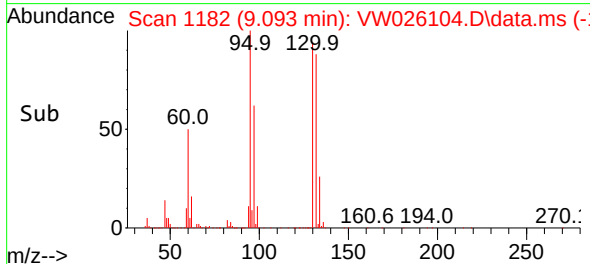
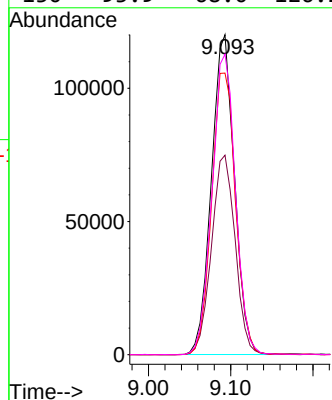
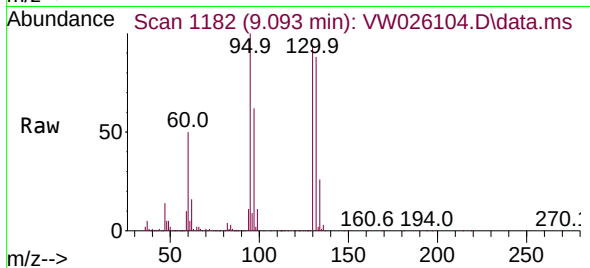
Ion Ratio Lower Upper

95 100

97 62.4 45.9 85.3

132 88.0 67.1 124.7

130 93.9 68.0 126.2



#35

Methylcyclohexane

Concen: 25.813 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

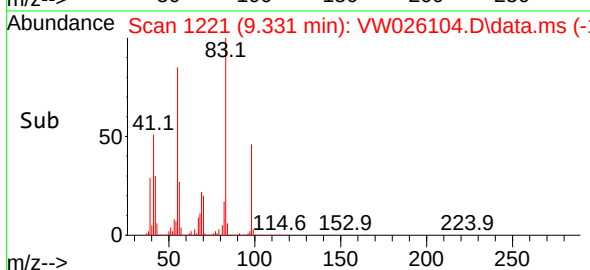
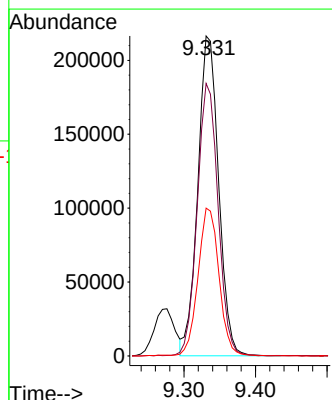
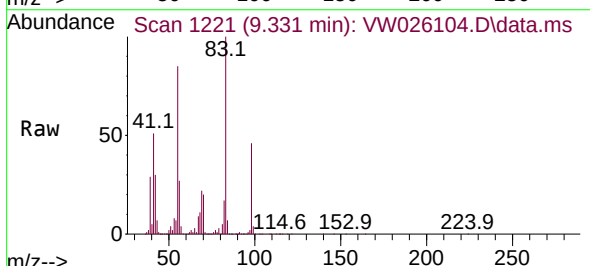
Tgt Ion: 83 Resp: 437798

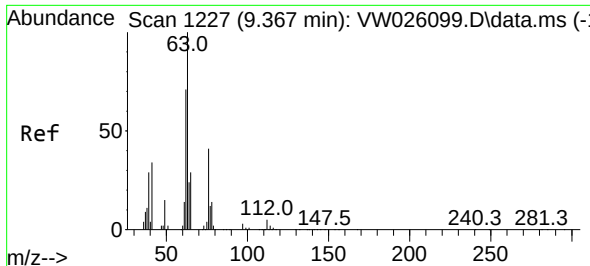
Ion Ratio Lower Upper

83 100

55 85.3 68.2 102.4

98 46.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 24.915 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

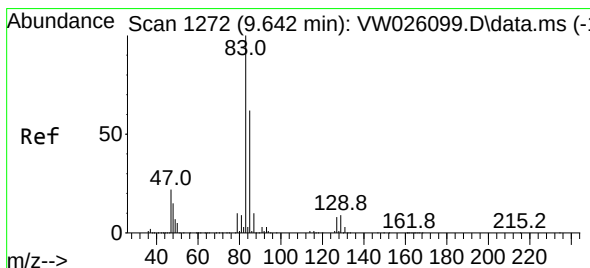
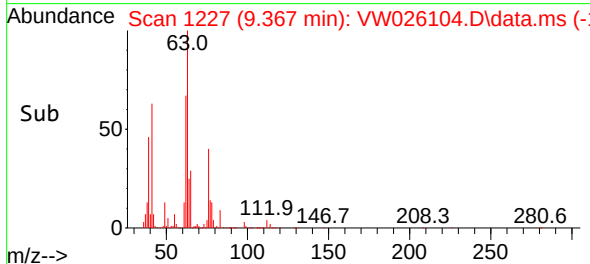
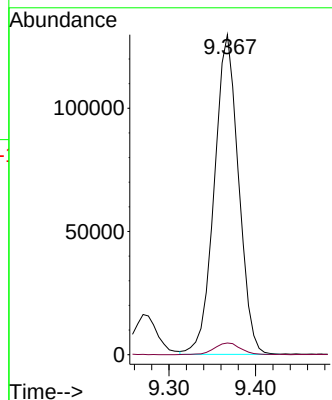
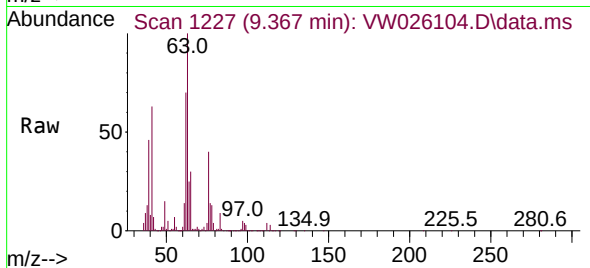
VSTD025505

Tgt Ion: 63 Resp: 252603

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 24.292 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

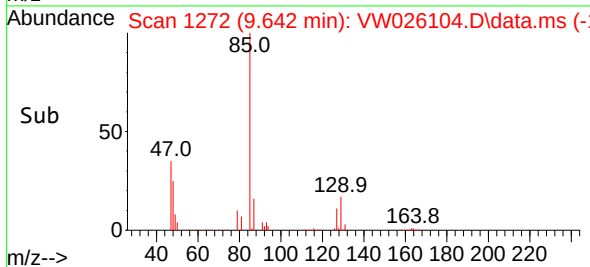
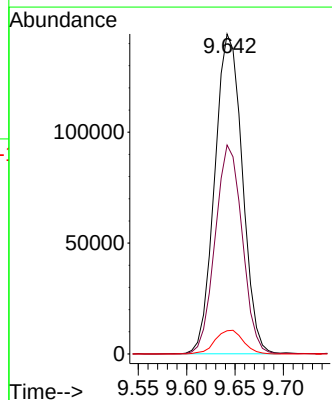
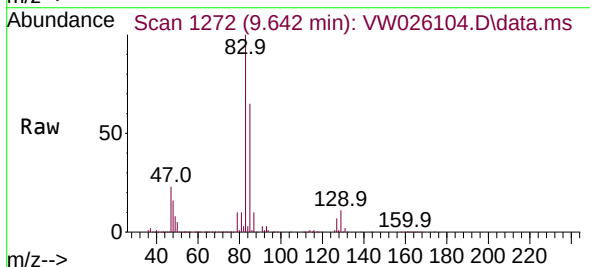
Tgt Ion: 83 Resp: 286122

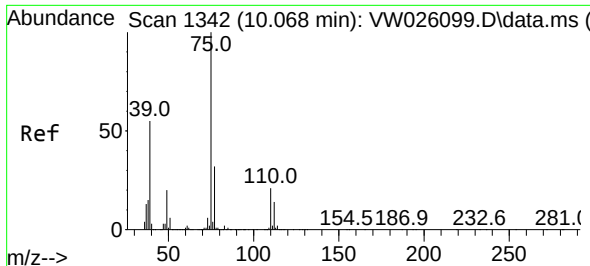
Ion Ratio Lower Upper

83 100

85 65.3 44.2 82.0

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.879 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

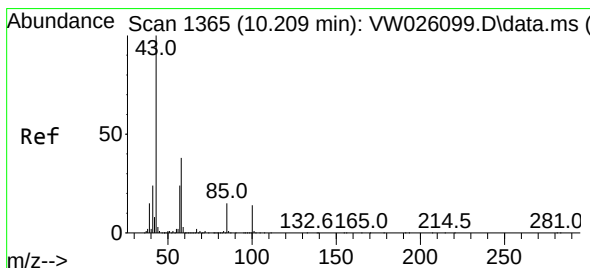
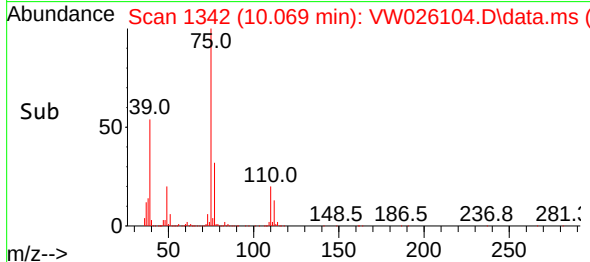
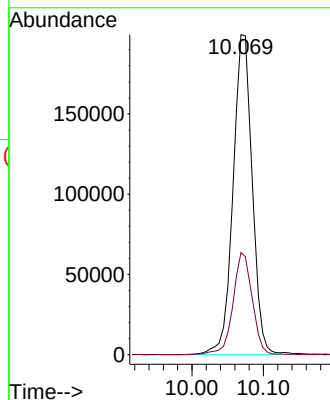
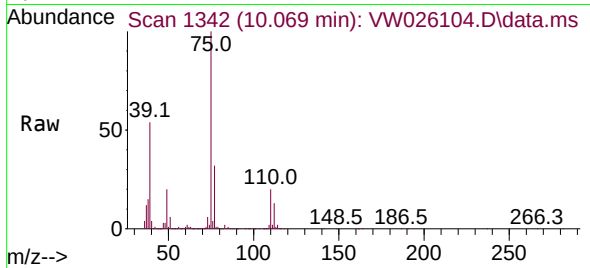
VSTD025505

Tgt Ion: 75 Resp: 370673

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 59.359 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

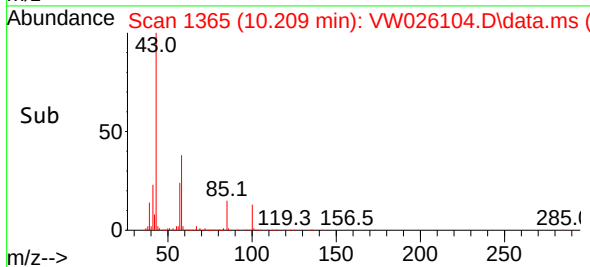
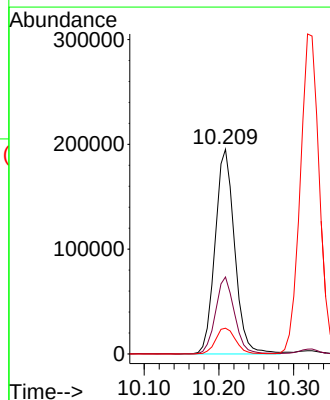
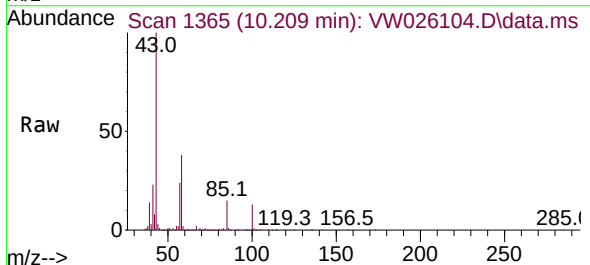
Tgt Ion: 43 Resp: 354804

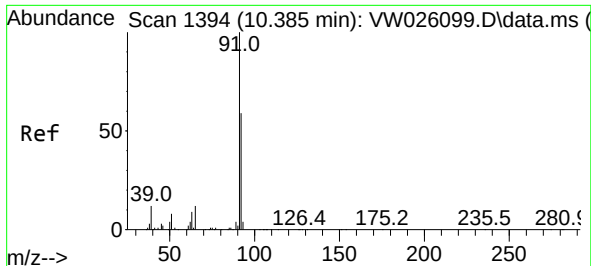
Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.4

100 13.1 10.5 15.7

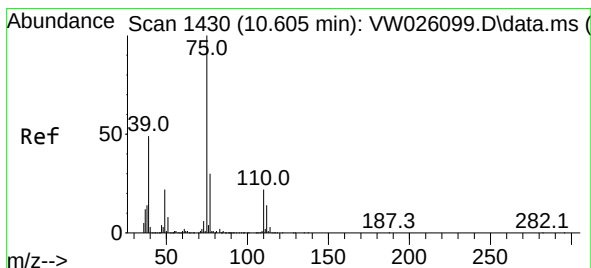
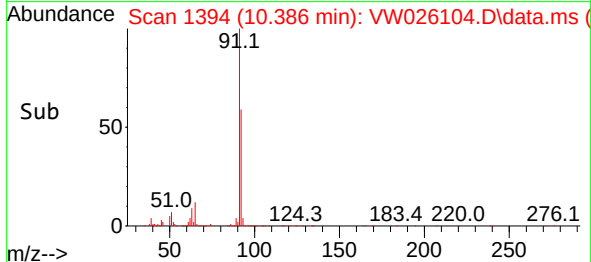
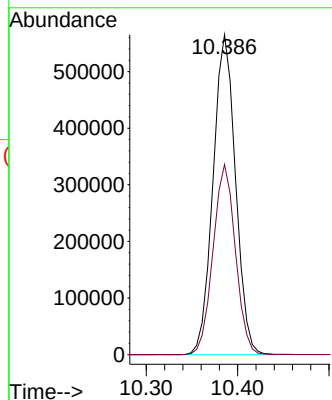
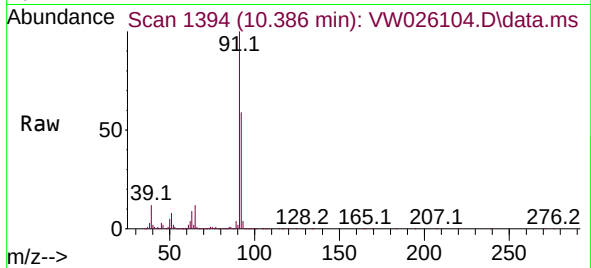




#42
Toluene
Concen: 25.217 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

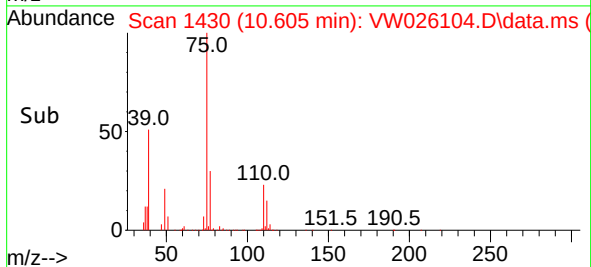
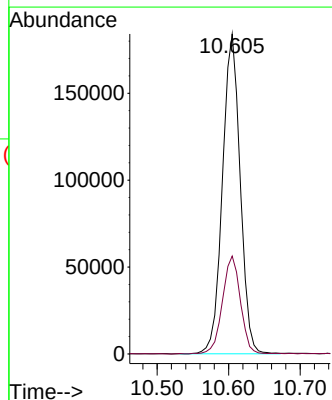
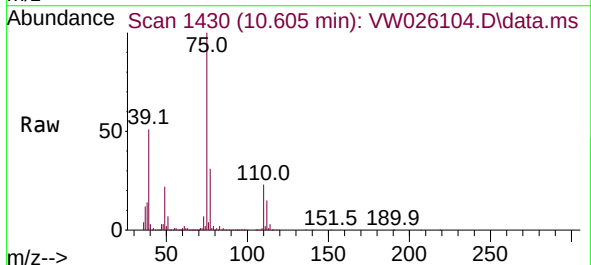
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

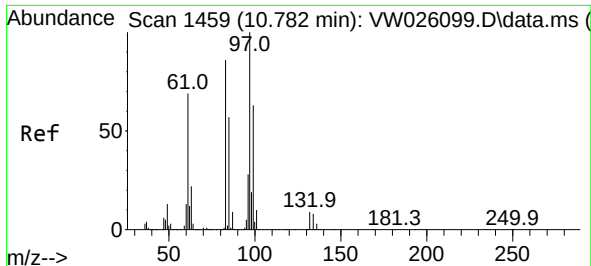
Tgt Ion: 91 Resp: 965435
Ion Ratio Lower Upper
91 100
92 59.5 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 25.504 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion: 75 Resp: 316564
Ion Ratio Lower Upper
75 100
77 30.6 21.1 39.3

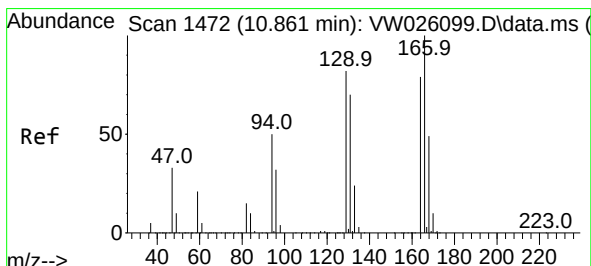
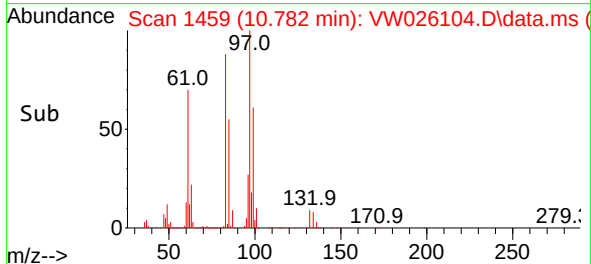
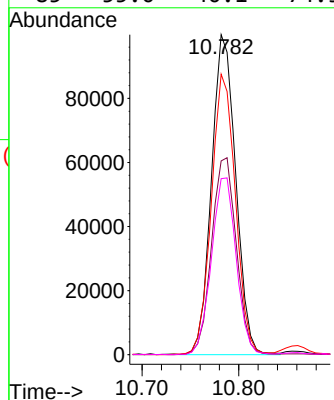
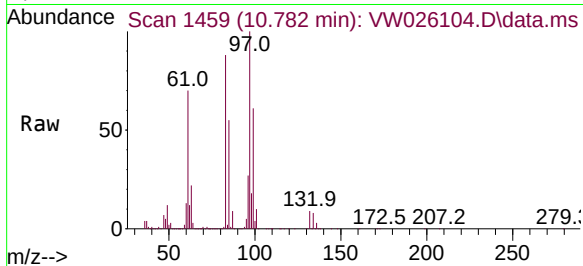




#45
1,1,2-Trichloroethane
Concen: 26.041 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

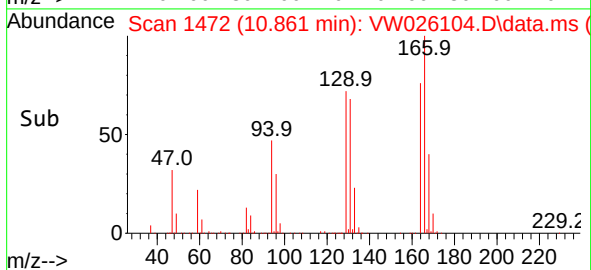
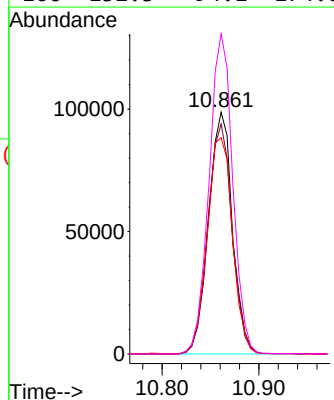
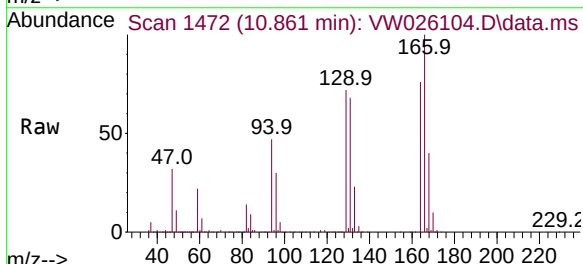
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

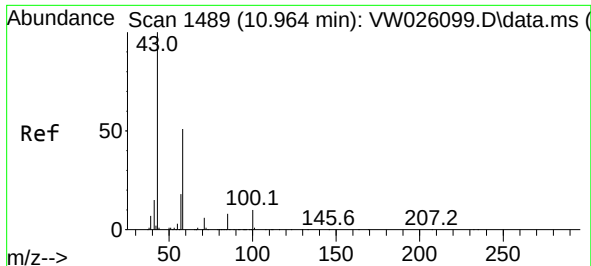
Tgt Ion: 97	Resp: 174004
Ion Ratio	Lower Upper
97 100	
99 60.5	43.3 80.5
83 87.7	62.9 116.9
85 55.0	40.1 74.5



#46
Tetrachloroethene
Concen: 25.002 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt	Ion:164	Resp:	169501
Ion	Ratio	Lower	Upper
164	100		
129	95.1	68.5	127.1
131	89.5	67.1	124.7
166	132.3	94.1	174.8

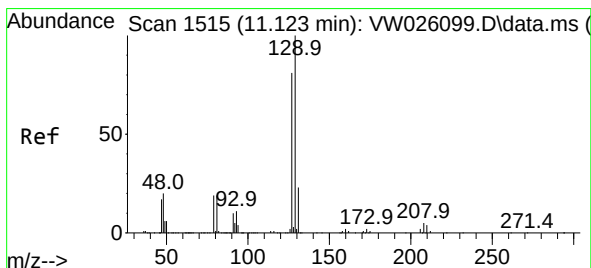
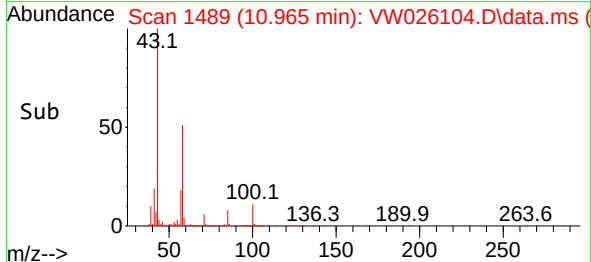
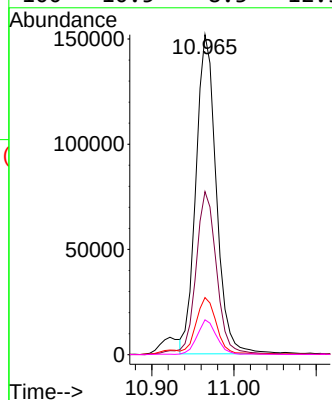
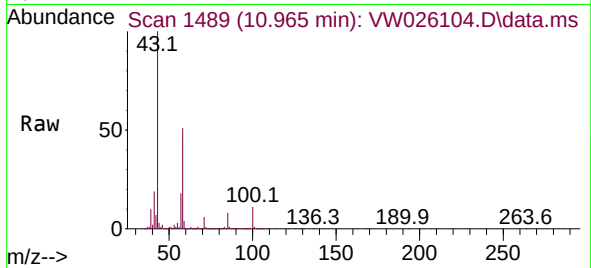




#48
2-Hexanone
Concen: 61.926 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

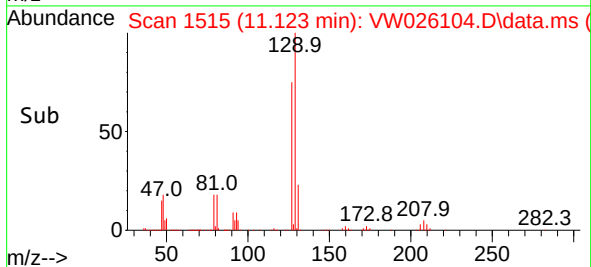
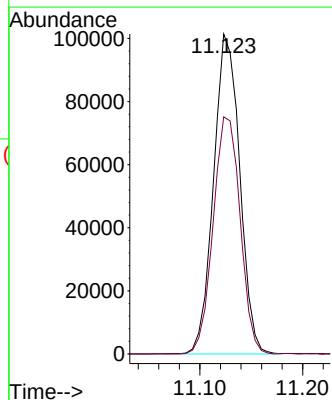
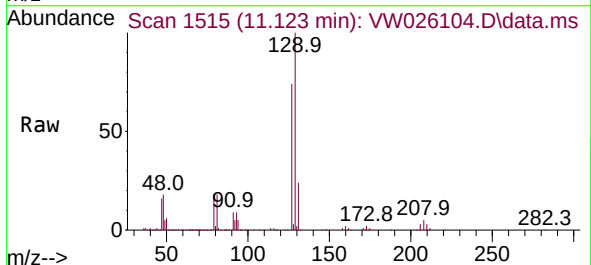
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

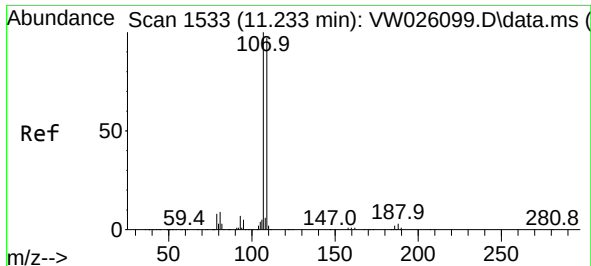
Tgt Ion: 43 Resp: 260990
Ion Ratio Lower Upper
43 100
58 52.7 42.2 63.2
57 16.7 14.2 21.2
100 10.5 8.3 12.5



#49
Dibromochloromethane
Concen: 25.589 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion:129 Resp: 179263
Ion Ratio Lower Upper
129 100
127 74.1 56.9 105.7

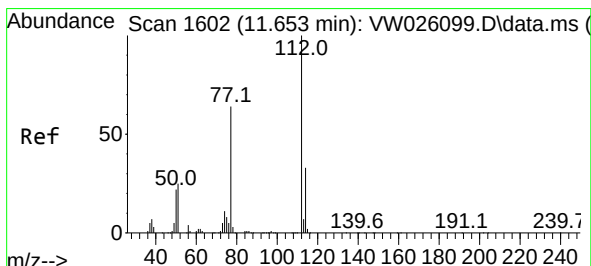
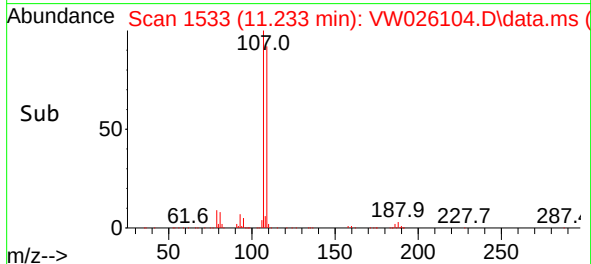
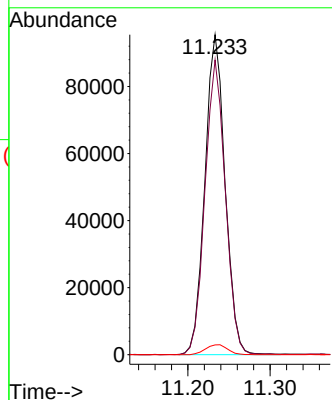
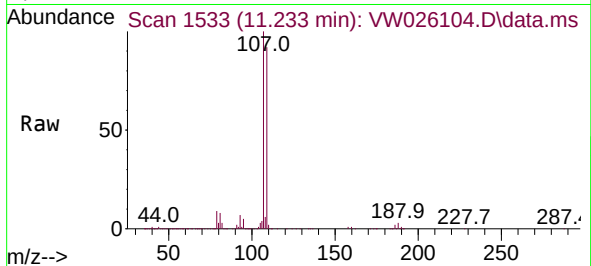




#50
1,2-Dibromoethane
Concen: 26.400 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

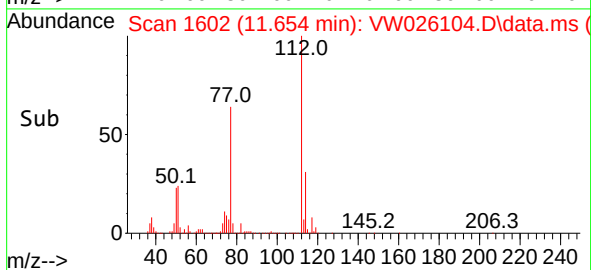
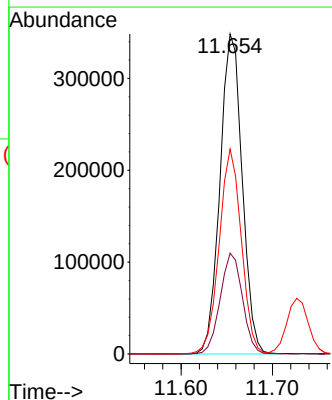
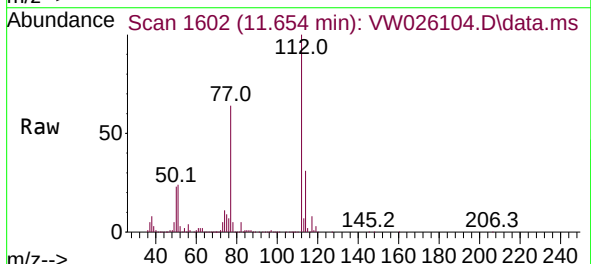
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

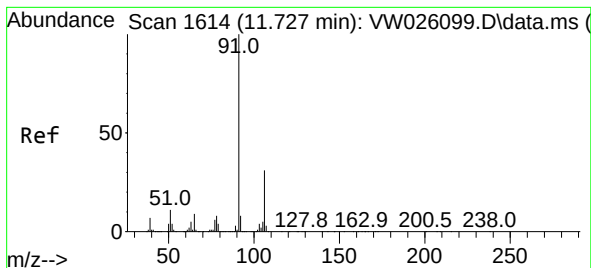
Tgt Ion:107 Resp: 163331
Ion Ratio Lower Upper
107 100
109 92.1 64.0 119.0
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 24.548 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion:112 Resp: 588922
Ion Ratio Lower Upper
112 100
114 31.5 23.0 42.6
77 64.1 50.9 76.3

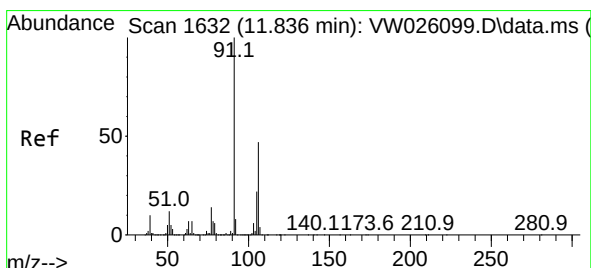
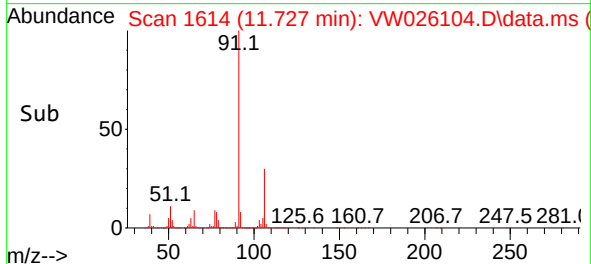
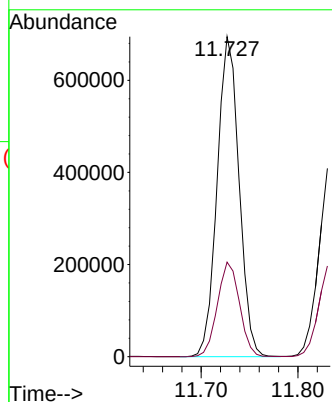
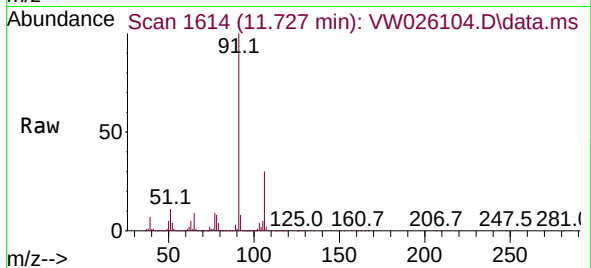




#52
Ethylbenzene
Concen: 25.284 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

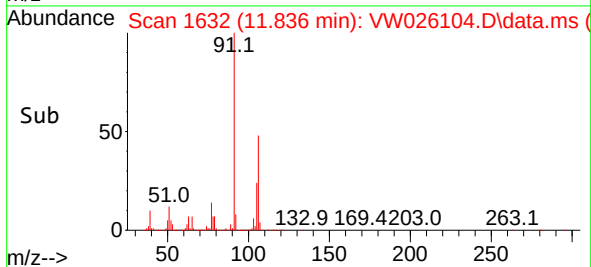
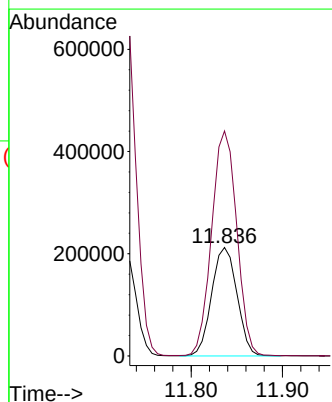
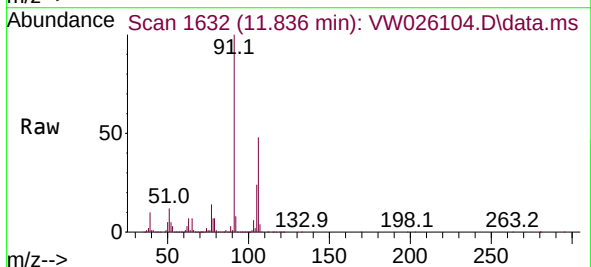
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

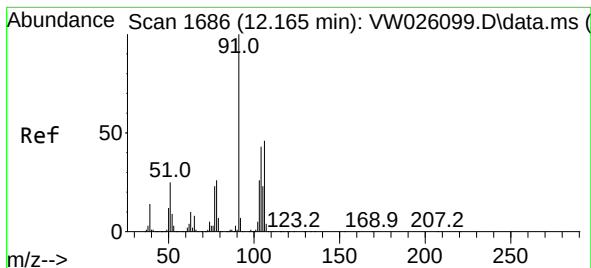
Tgt Ion: 91 Resp: 1091948
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4



#53
m,p-Xylene
Concen: 25.452 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion: 106 Resp: 408919
Ion Ratio Lower Upper
106 100
91 207.5 149.5 277.7

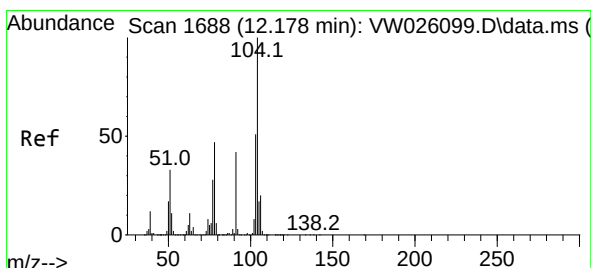
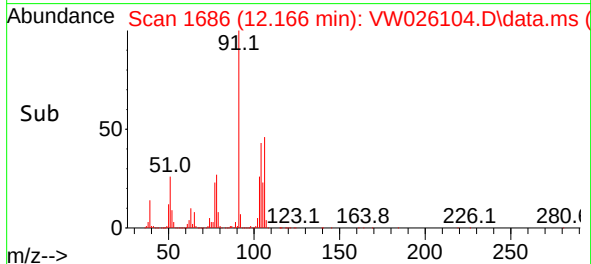
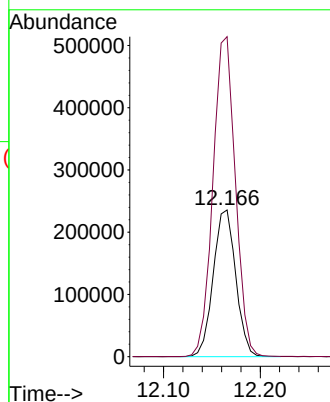
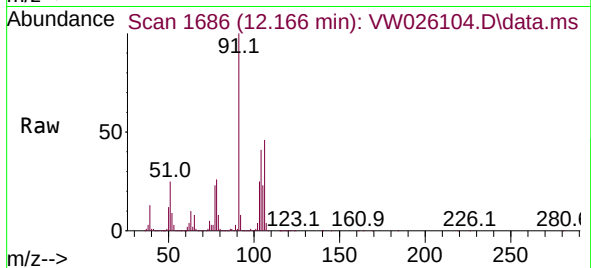




#54
o-Xylene
Concen: 25.122 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

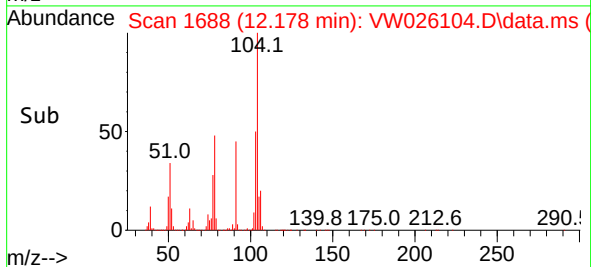
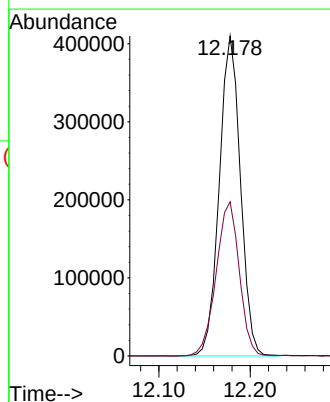
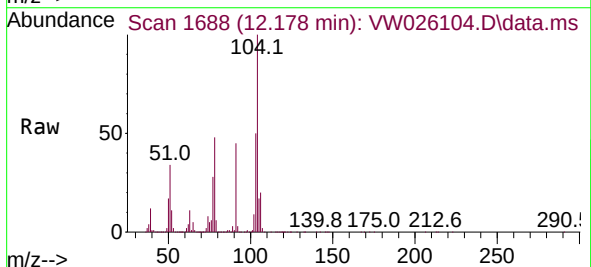
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

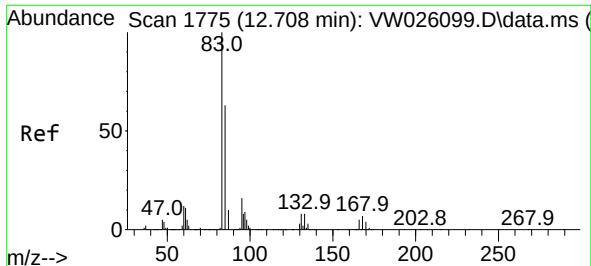
Tgt Ion:106 Resp: 380953
Ion Ratio Lower Upper
106 100
91 218.2 150.9 280.3



#55
Styrene
Concen: 25.369 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion:104 Resp: 659997
Ion Ratio Lower Upper
104 100
78 48.1 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.492 ug/L

RT: 12.714 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

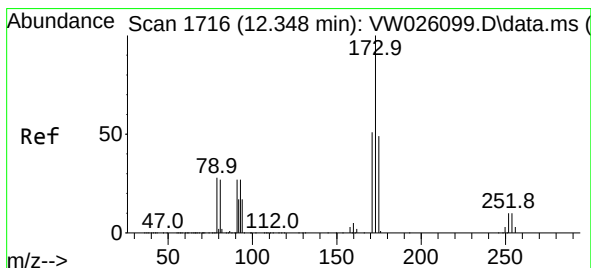
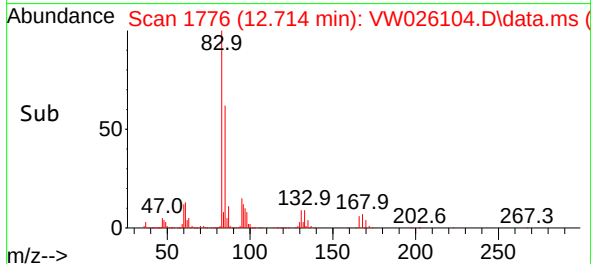
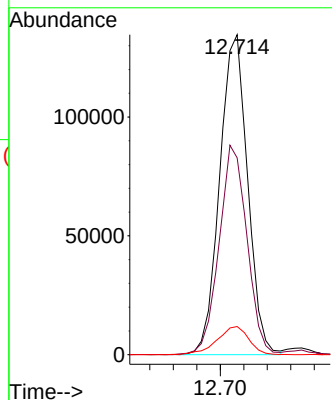
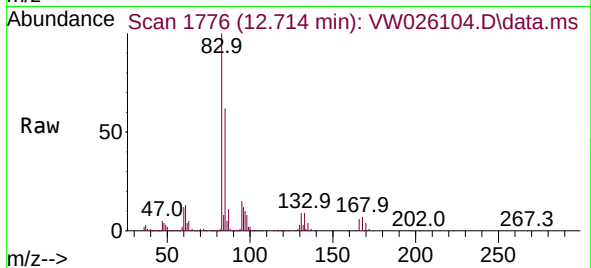
Tgt Ion: 83 Resp: 222314

Ion Ratio Lower Upper

83 100

85 61.5 42.6 79.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 24.336 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

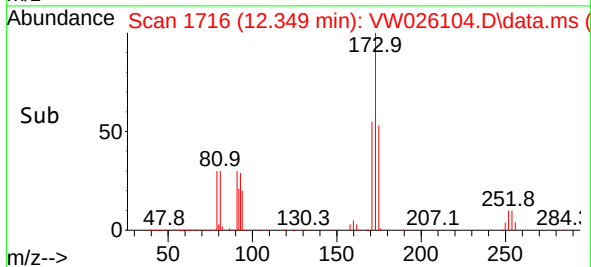
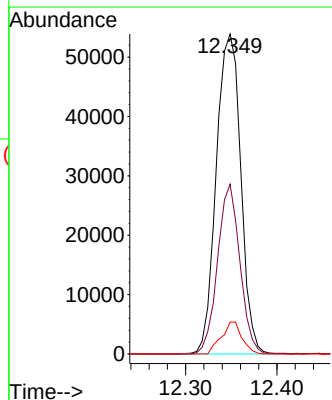
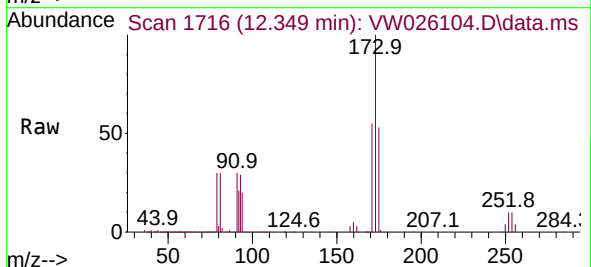
Tgt Ion: 173 Resp: 100285

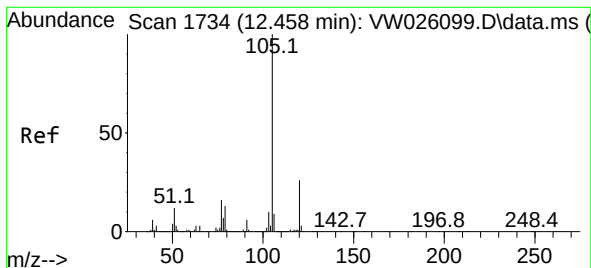
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 8.4 7.4 11.0





#60

Isopropylbenzene

Concen: 24.457 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

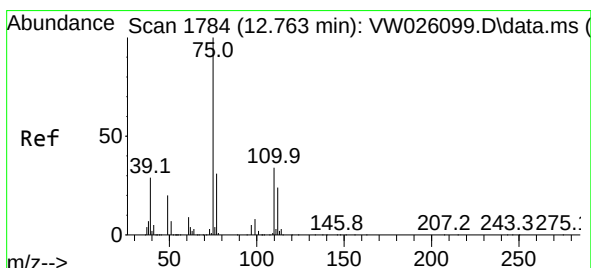
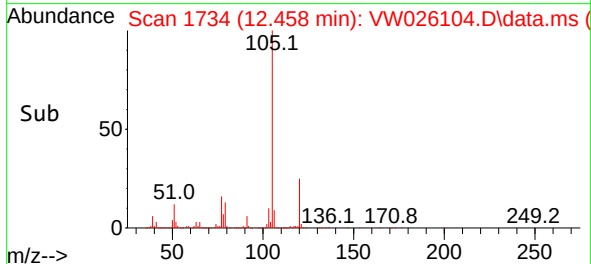
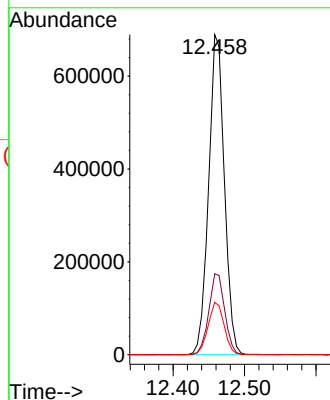
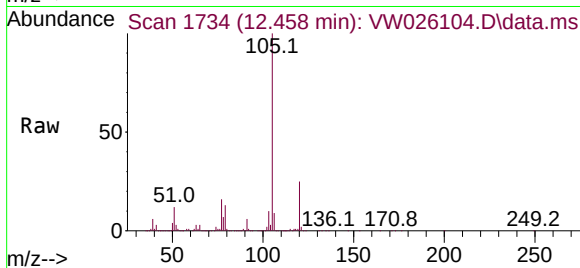
Tgt Ion:105 Resp: 1054080

Ion Ratio Lower Upper

105 100

120 25.6 19.8 29.8

77 16.7 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 26.710 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

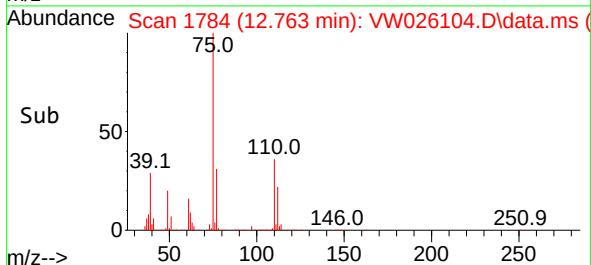
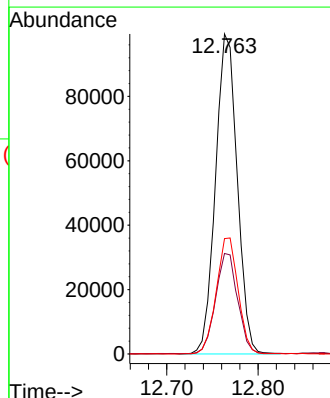
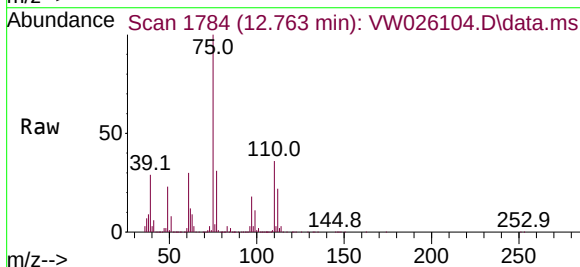
Tgt Ion: 75 Resp: 164148

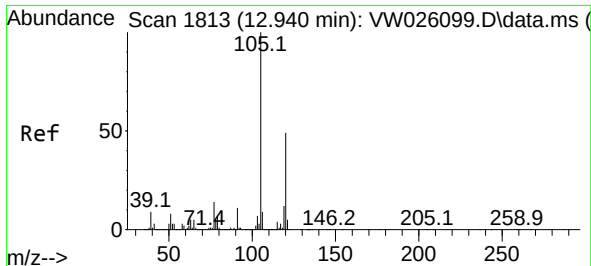
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 36.5 28.7 43.1

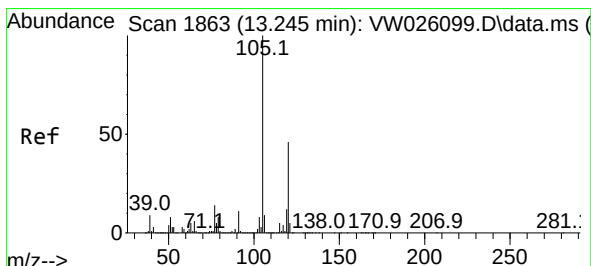
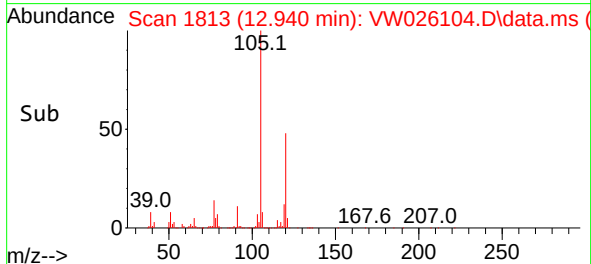
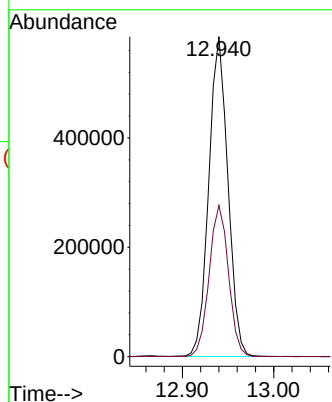
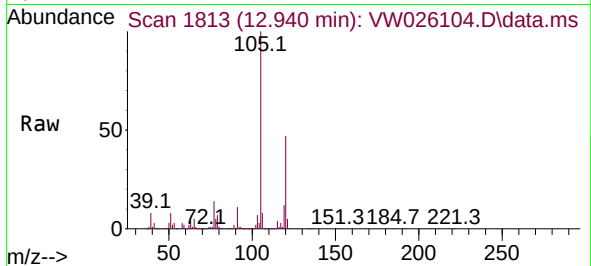




#62
1,3,5-Trimethylbenzene
Concen: 24.729 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

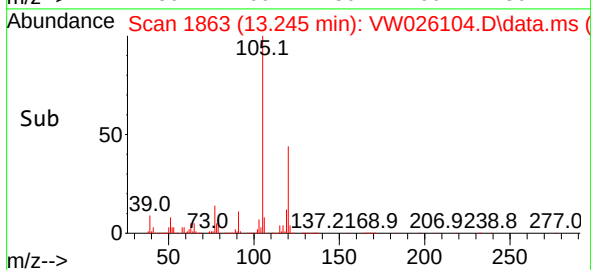
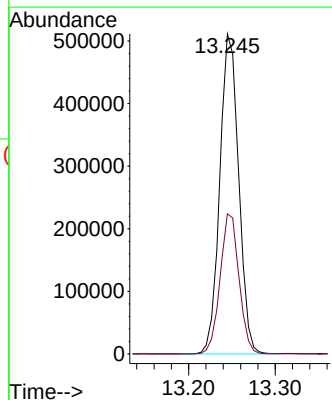
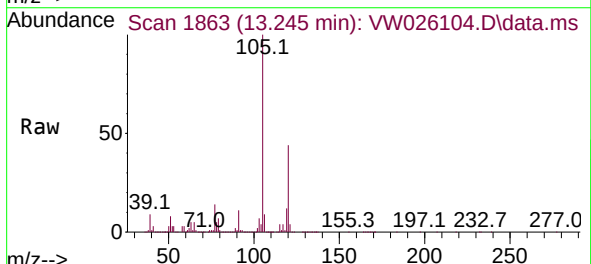
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

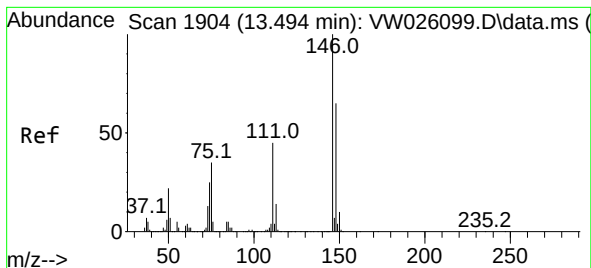
Tgt Ion:105 Resp: 847283
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.676 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion:105 Resp: 774356
Ion Ratio Lower Upper
105 100
120 43.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 23.418 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

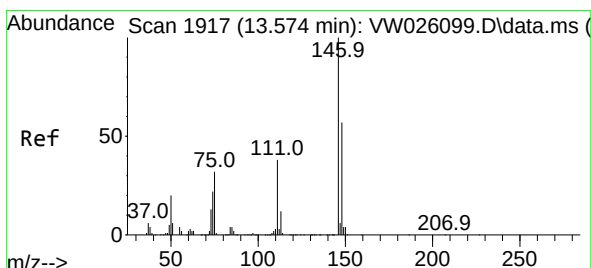
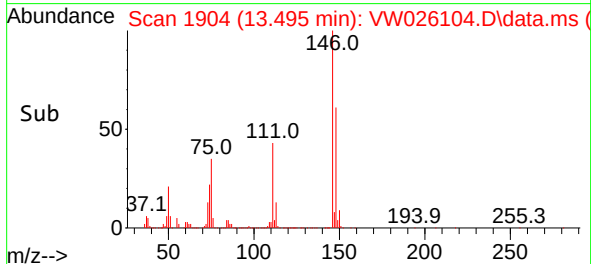
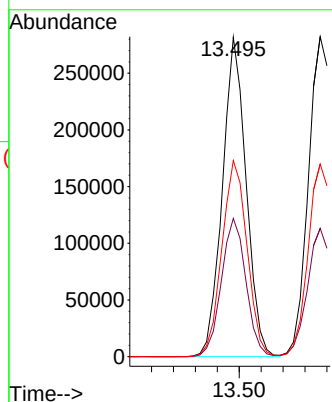
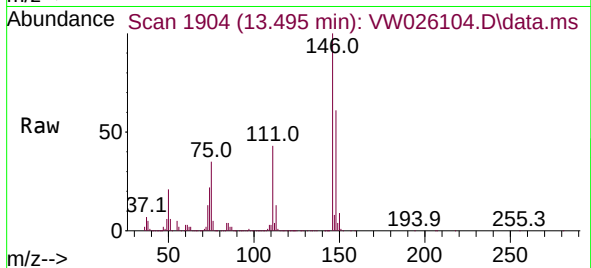
Tgt Ion:146 Resp: 424368

Ion Ratio Lower Upper

146 100

111 43.3 29.7 55.1

148 61.4 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 24.938 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

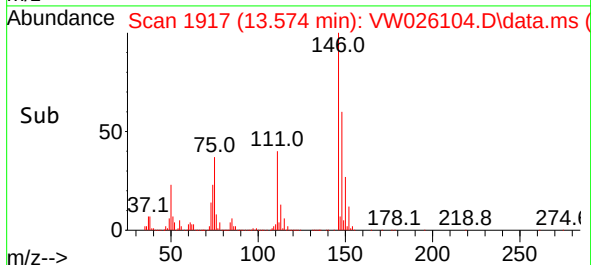
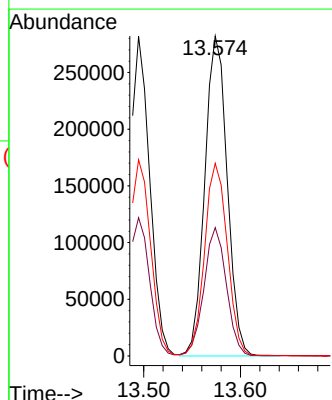
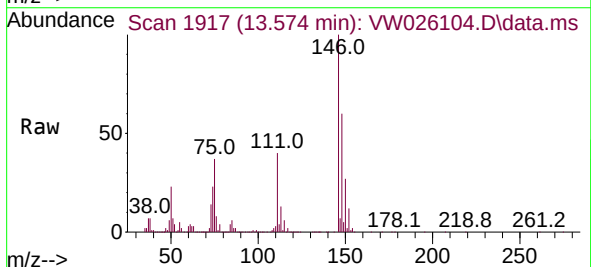
Tgt Ion:146 Resp: 454992

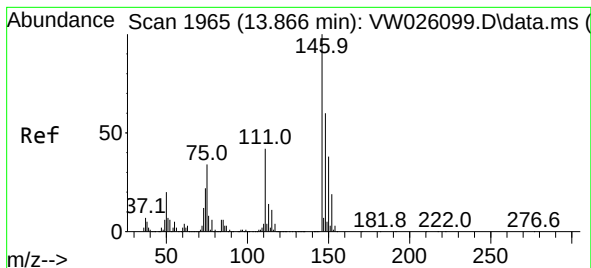
Ion Ratio Lower Upper

146 100

111 40.1 29.2 54.2

148 60.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 23.925 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

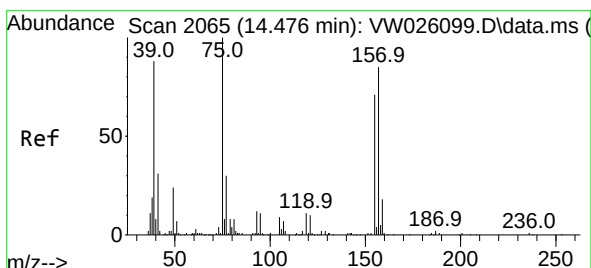
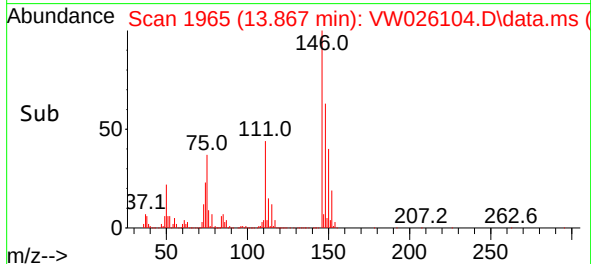
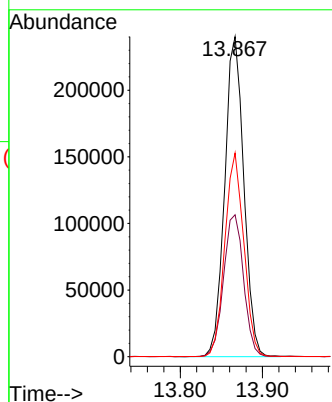
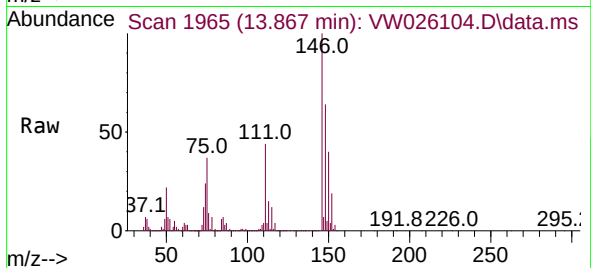
Tgt Ion:146 Resp: 389332

Ion Ratio Lower Upper

146 100

111 44.4 35.4 53.0

148 63.7 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 26.094 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026104.D

Acq: 31 May 2023 17:36

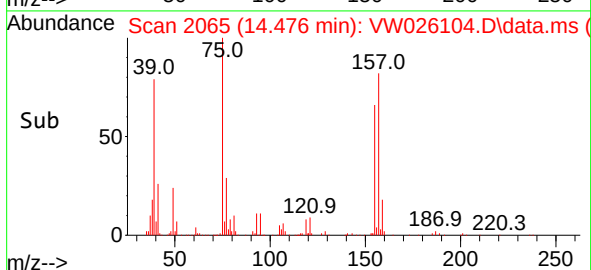
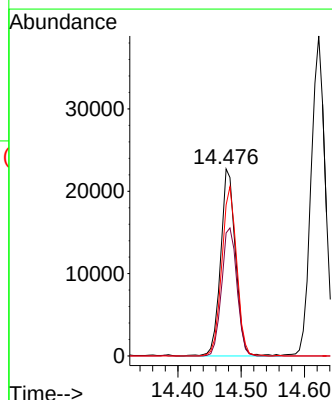
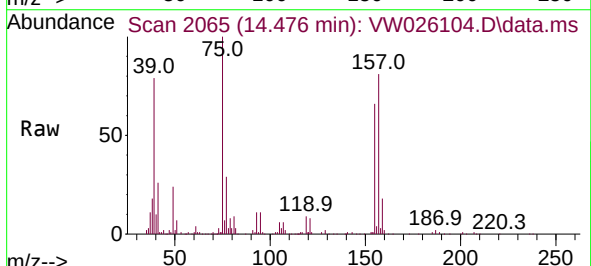
Tgt Ion: 75 Resp: 37153

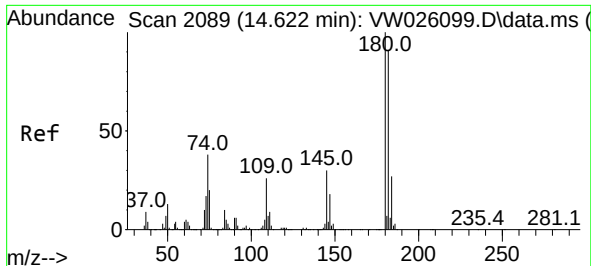
Ion Ratio Lower Upper

75 100

155 65.8 59.0 88.6

157 80.8 71.7 107.5

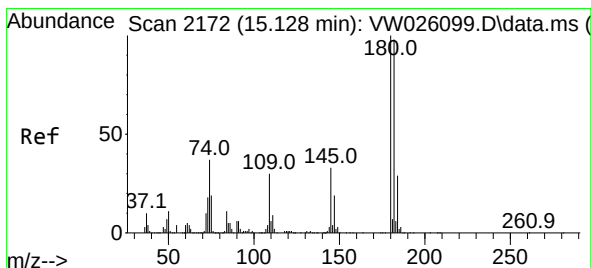
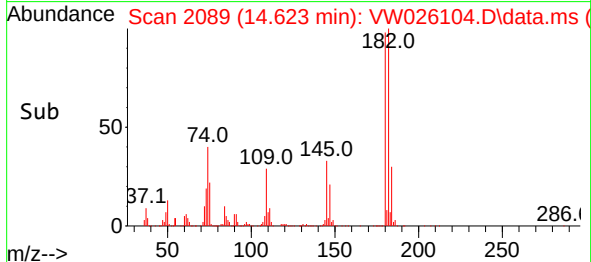
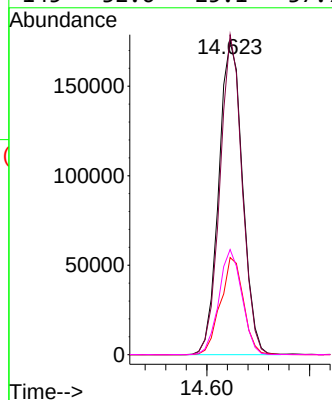
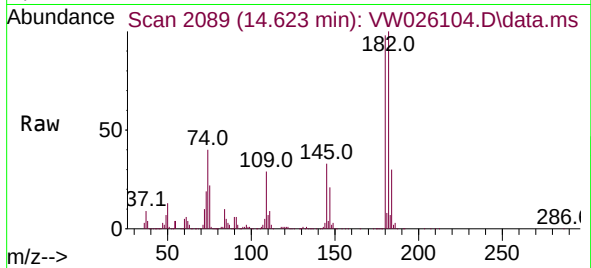




#69
 1,3,5-Trichlorobenzene
 Concen: 22.542 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026104.D
 Acq: 31 May 2023 17:36

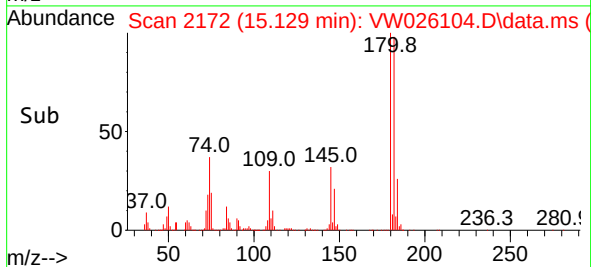
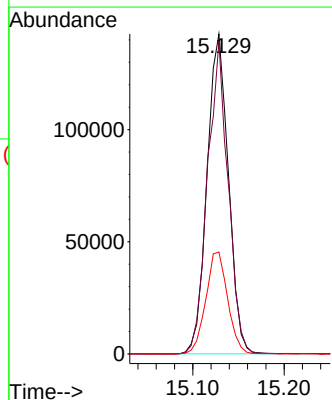
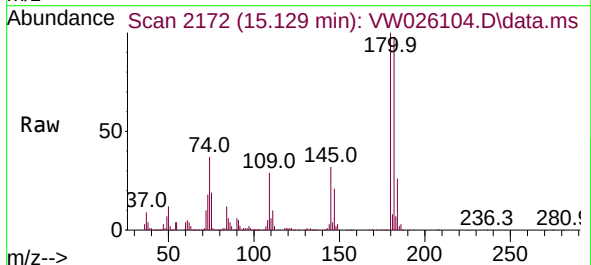
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

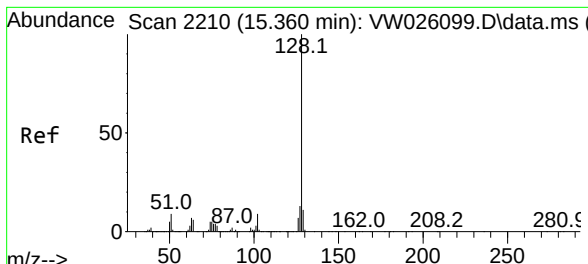
Tgt Ion:	180	Resp:	280607
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.4
184	30.0	23.7	35.5
145	32.6	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.571 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026104.D
 Acq: 31 May 2023 17:36

Tgt Ion:	180	Resp:	231848
Ion Ratio	Lower	Upper	
180	100		
182	94.2	78.9	118.3
145	32.7	27.2	40.8



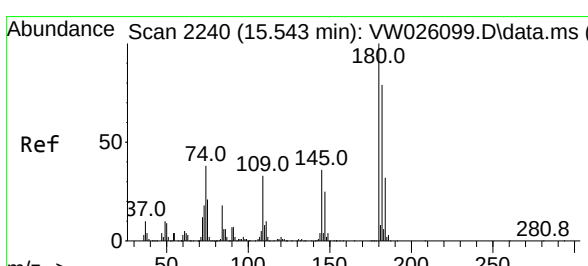
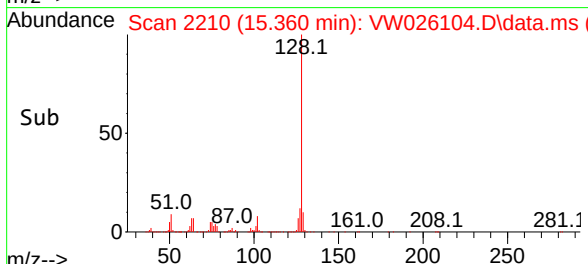
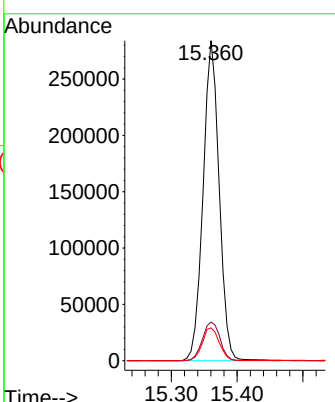
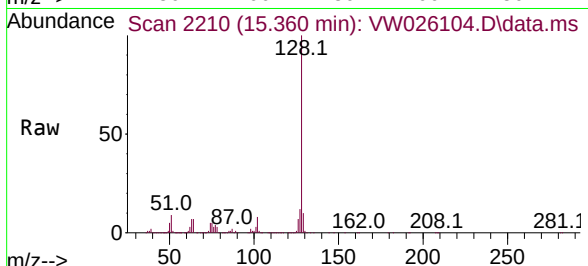


#71
Naphthalene
Concen: 26.377 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

Tgt Ion:128 Resp: 482885

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.890 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW026104.D
Acq: 31 May 2023 17:36

Tgt Ion:180 Resp: 223440

Ion	Ratio	Lower	Upper
180	100		
182	87.6	76.3	114.5
145	32.9	27.0	40.6

