

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026968.D
 Acq On : 31 Aug 2023 10:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 01 00:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 01:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	433969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	436008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	258001	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	189970	26.629	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	106.520%	
7) Chloroethane-d5	2.893	69	176969	33.360	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	133.440%	
11) 1,1-Dichloroethene-d2	4.015	65	73041	20.817	ug/L	-0.01
Spiked Amount 25.000	Range 45	- 110	Recovery	=	83.280%	
21) 2-Butanone-d5	7.075	46	101884	49.689	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	99.380%	
24) Chloroform-d	7.648	84	392399	26.941	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	107.760%	
26) 1,2-Dichloroethane-d4	8.307	65	204931	25.496	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	102.000%	
32) Benzene-d6	8.270	84	791172	26.329	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	105.320%	
36) 1,2-Dichloropropane-d6	9.270	67	247185	26.408	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	105.640%	
41) Toluene-d8	10.319	98	687289	26.645	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	106.560%	
43) trans-1,3-Dichloroprop...	10.575	79	91938	23.790	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	95.160%	
47) 2-Hexanone-d5	10.922	63	55115	56.038	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	112.080%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	224881	30.423	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	121.680%#	
66) 1,2-Dichlorobenzene-d4	13.855	152	242005	26.207	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	104.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	106779	18.097	ug/L	99
3) Chloromethane	2.222	50	180874	22.418	ug/L	95
5) Vinyl chloride	2.375	62	217006	28.136	ug/L	99
6) Bromomethane	2.783	94	140651	31.300	ug/L	98
8) Chloroethane	2.930	64	141082	30.528	ug/L	98
9) Trichlorofluoromethane	3.259	101	124089	19.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	162349	23.745	ug/L	94
12) 1,1-Dichloroethene	4.045	96	156003	24.321	ug/L	92
13) Acetone	4.118	43	108213	53.078	ug/L	88
14) Carbon disulfide	4.393	76	439769	19.057	ug/L	99
16) Methylene chloride	4.917	84	200652	23.902	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	172150	24.051	ug/L	87
18) Methyl tert-butyl Ether	5.423	73	265533	24.517	ug/L	97
19) 1,1-Dichloroethane	6.216	63	361598	24.545	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	196485	25.539	ug/L	89
22) 2-Butanone	7.167	43	128284	42.697	ug/L	93
23) Bromochloromethane	7.514	128	86211	25.940	ug/L	88
25) Chloroform	7.673	83	362332	25.459	ug/L	96
27) 1,2-Dichloroethane	8.398	62	231572	23.323	ug/L	96

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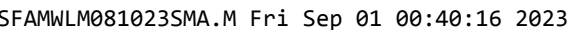
Instrument :
 MSVOA_W
 ClientSampleId :

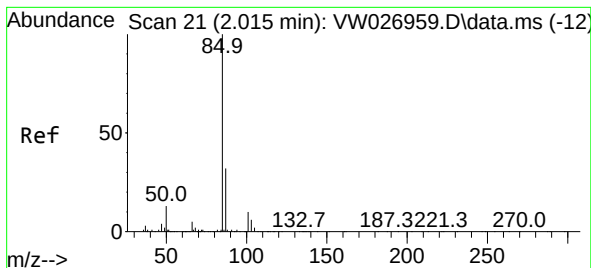
Quant Time: Sep 01 00:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 01:29:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	273300	20.269	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	265214	23.307	ug/L	99
31) Carbon tetrachloride	8.063	117	238465	22.920	ug/L	95
33) Benzene	8.325	78	790505	24.897	ug/L	100
34) Trichloroethene	9.087	95	192597	23.816	ug/L	98
35) Methylcyclohexane	9.331	83	317873	22.977	ug/L	94
37) 1,2-Dichloropropane	9.368	63	211201	24.285	ug/L	98
38) Bromodichloromethane	9.642	83	249991	24.503	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	313542	25.061	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	235435	41.618	ug/L	93
42) Toluene	10.386	91	826689	25.738	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	264706	24.581	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	155657	26.170	ug/L	98
46) Tetrachloroethene	10.861	164	149012	25.364	ug/L	96
48) 2-Hexanone	10.965	43	172397	44.786	ug/L	92
49) Dibromochloromethane	11.123	129	159844	25.695	ug/L	94
50) 1,2-Dibromoethane	11.233	107	138341	24.788	ug/L	90
51) Chlorobenzene	11.654	112	531400	26.192	ug/L	94
52) Ethylbenzene	11.727	91	931048	25.849	ug/L	100
53) m,p-Xylene	11.837	106	353950	26.526	ug/L	97
54) o-Xylene	12.166	106	340338	27.328	ug/L	100
55) Styrene	12.178	104	608494	28.101	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	200819	26.659	ug/L	97
59) Bromoform	12.349	173	95897	23.728	ug/L	93
60) Isopropylbenzene	12.465	105	930977	24.270	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	138830	22.183	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	748156	24.676	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	744693	25.065	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	411095	24.643	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	430272	24.715	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	371591	24.495	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	30621	20.296	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	280328	24.873	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	229777	24.046	ug/L	96
71) Naphthalene	15.360	128	418273	22.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	223698	25.955	ug/L	96

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

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Quant Title : SFAM01.0
QLast Update : Thu Aug 31 01:29:13 2023
Response via : Initial Calibration

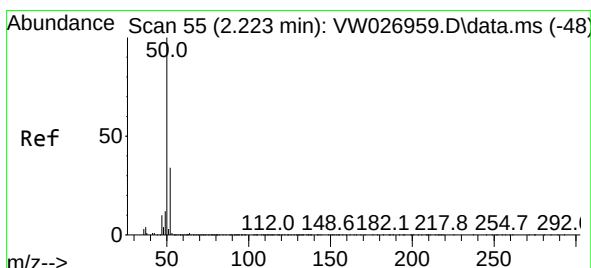
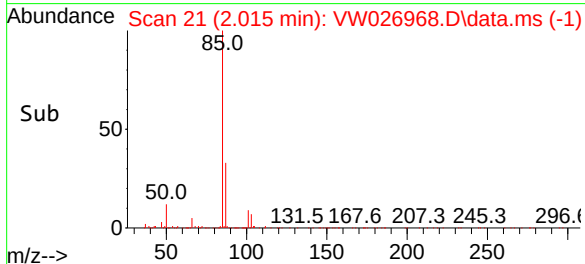
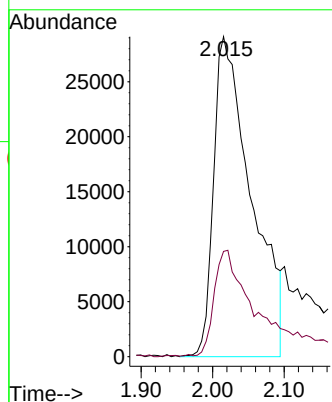
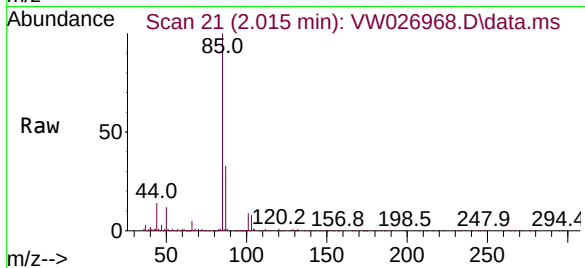




#2
Dichlorodifluoromethane
Concen: 18.097 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

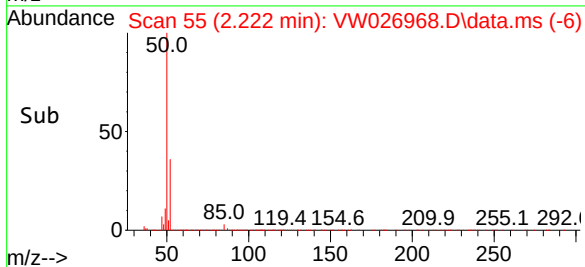
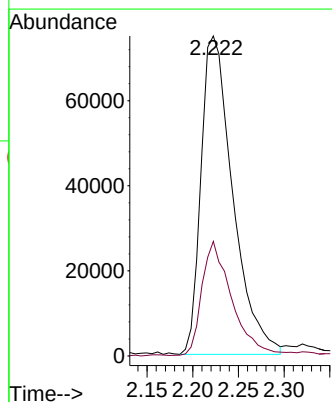
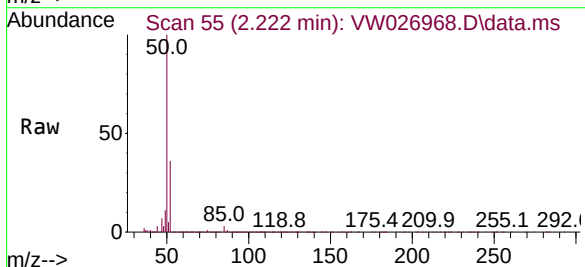
Instrument :
MSVOA_W
ClientSampleId :

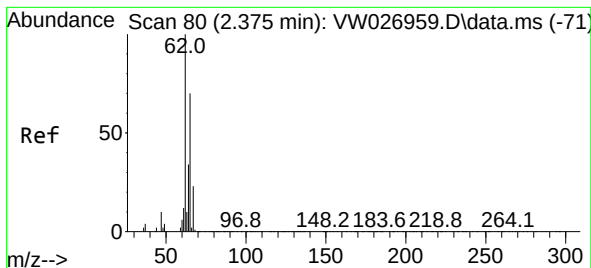
Tgt Ion: 85 Resp: 106779
Ion Ratio Lower Upper
85 100
87 25.1 19.5 29.3



#3
Chloromethane
Concen: 22.418 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 50 Resp: 180874
Ion Ratio Lower Upper
50 100
52 35.8 23.0 42.8





#5

Vinyl chloride

Concen: 28.136 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

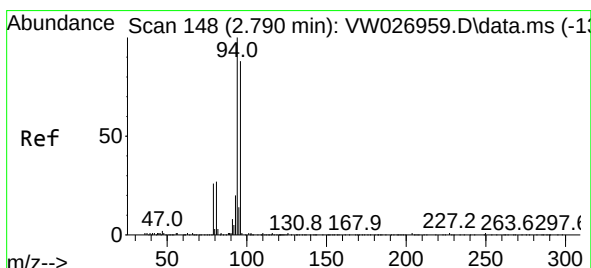
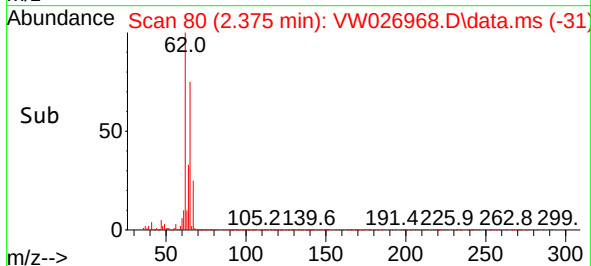
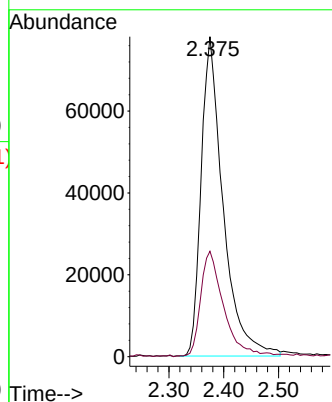
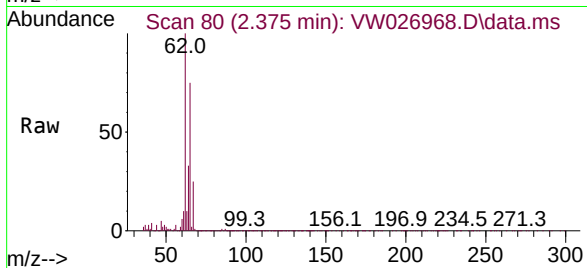
ClientSampleId :

Tgt Ion: 62 Resp: 217006

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.3



#6

Bromomethane

Concen: 31.300 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW026968.D

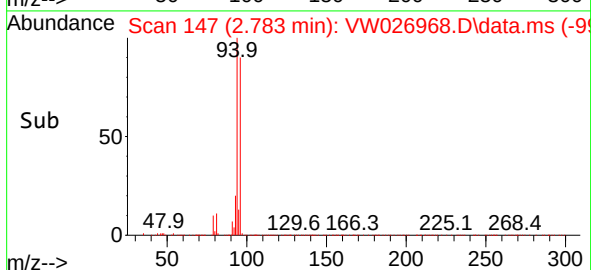
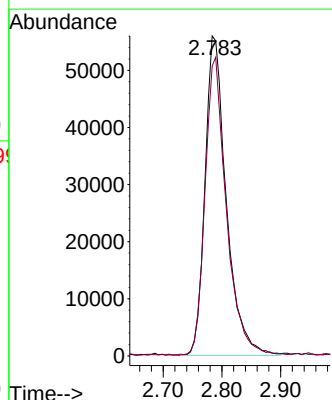
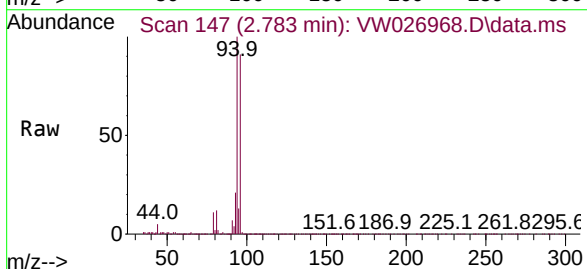
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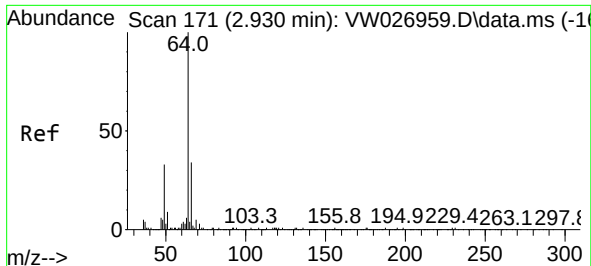
Tgt Ion: 94 Resp: 140651

Ion Ratio Lower Upper

94 100

96 90.7 64.8 120.3

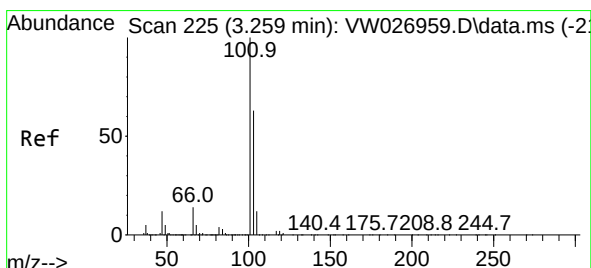
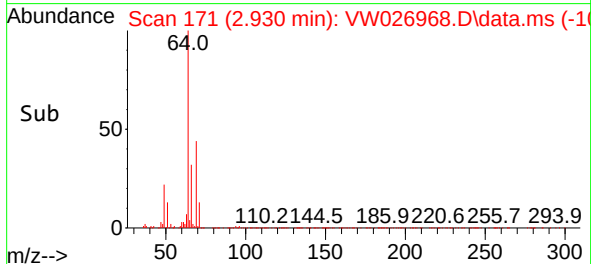
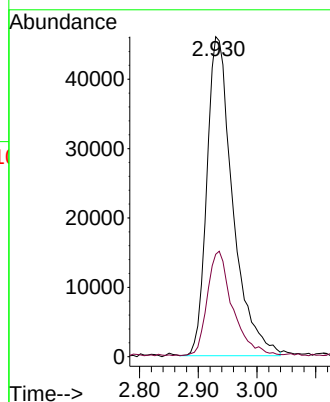
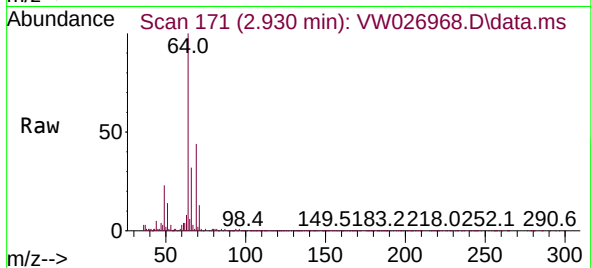




#8
Chloroethane
Concen: 30.528 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

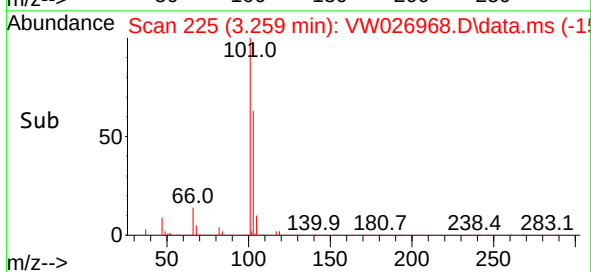
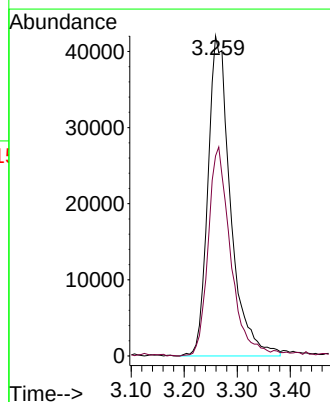
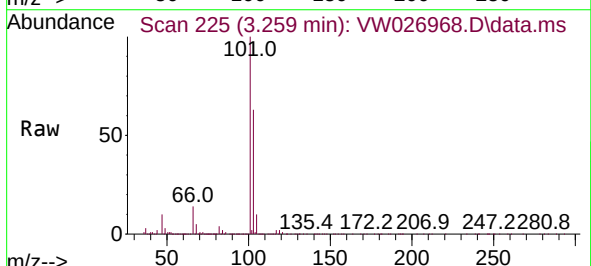
Instrument :
MSVOA_W
ClientSampleId :

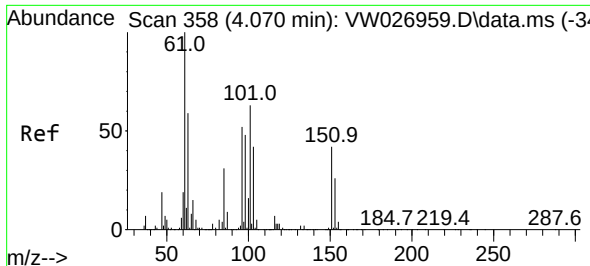
Tgt Ion: 64 Resp: 141082
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.604 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 101 Resp: 124089
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.745 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

ClientSampleId :

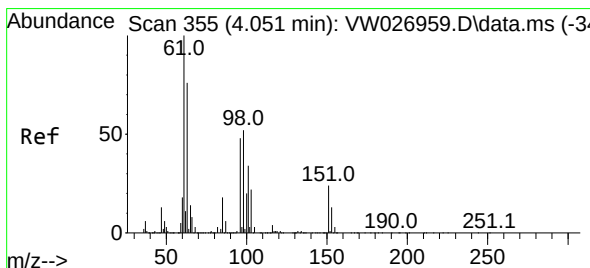
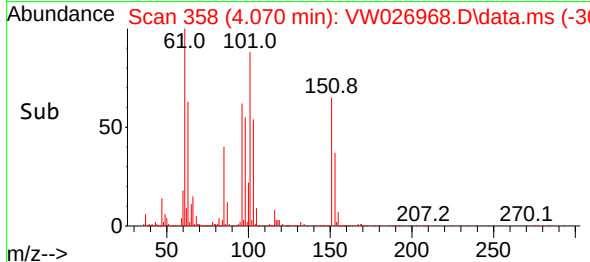
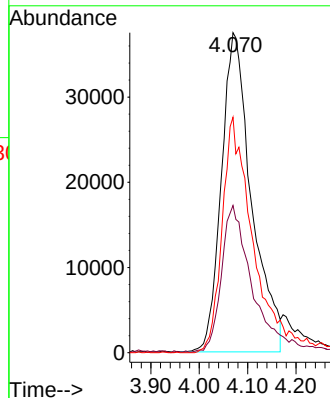
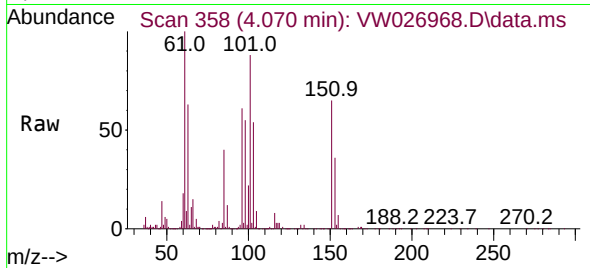
Tgt Ion:101 Resp: 162349

Ion Ratio Lower Upper

101 100

85 44.0 32.8 49.2

151 72.9 54.4 81.6



#12

1,1-Dichloroethene

Concen: 24.321 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

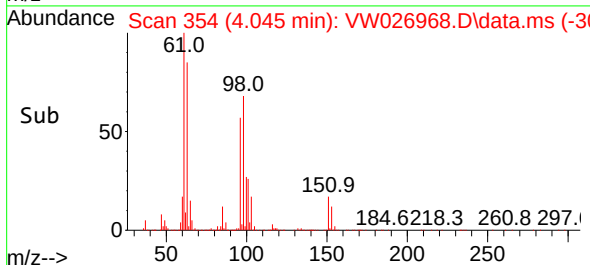
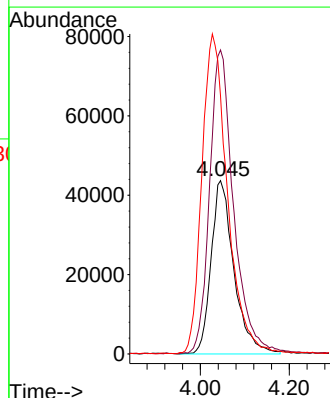
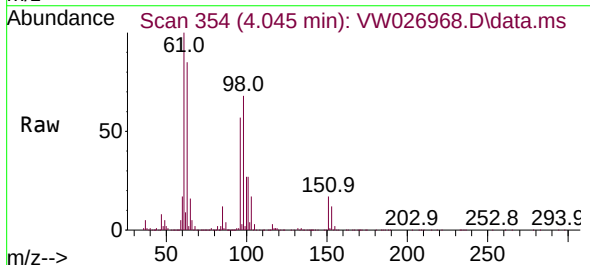
Tgt Ion: 96 Resp: 156003

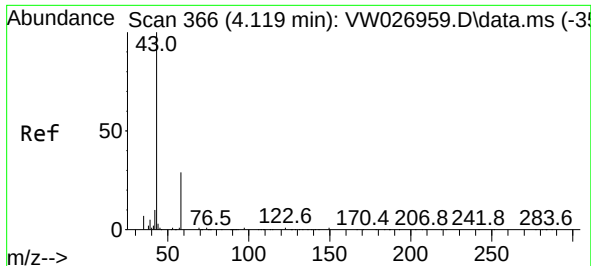
Ion Ratio Lower Upper

96 100

61 175.4 133.2 247.4

63 149.0 109.0 202.4

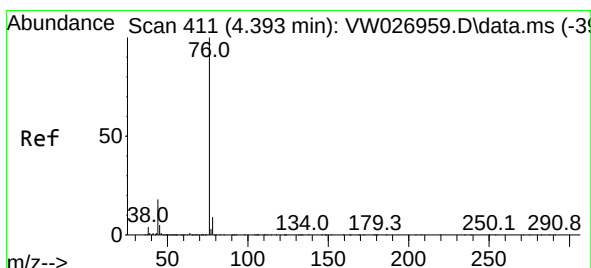
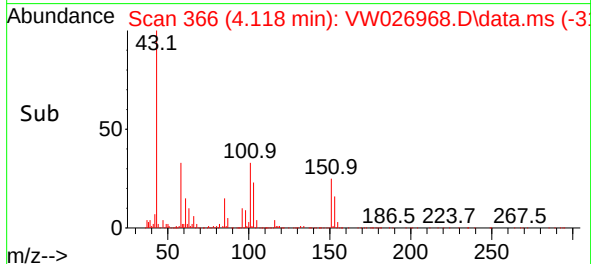
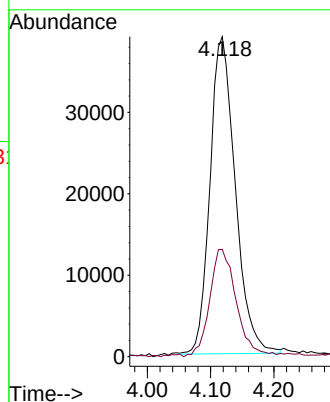
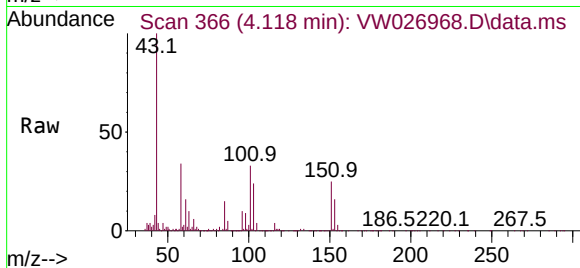




#13
Acetone
Concen: 53.078 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

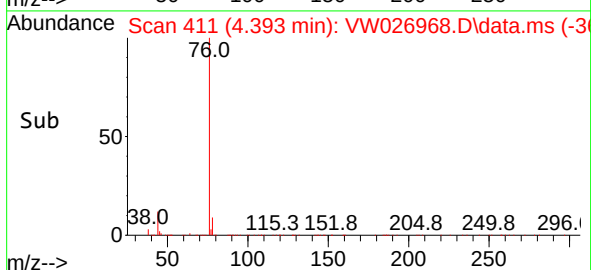
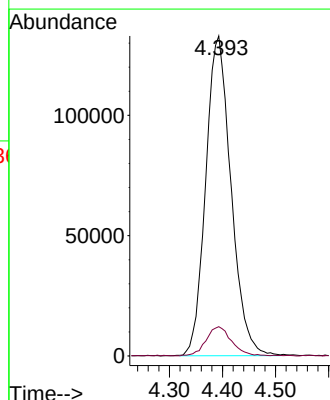
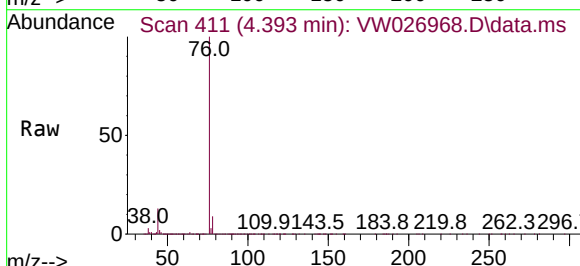
Instrument :
MSVOA_W
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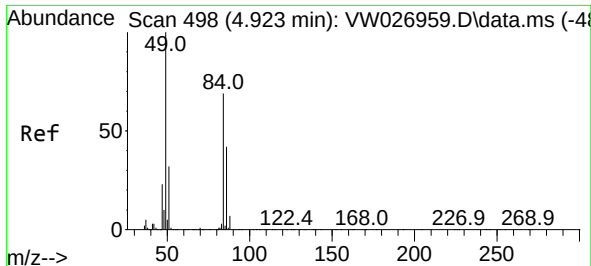
Tgt Ion: 43 Resp: 108213
Ion Ratio Lower Upper
43 100
58 35.3 0.0 57.4



#14
Carbon disulfide
Concen: 19.057 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

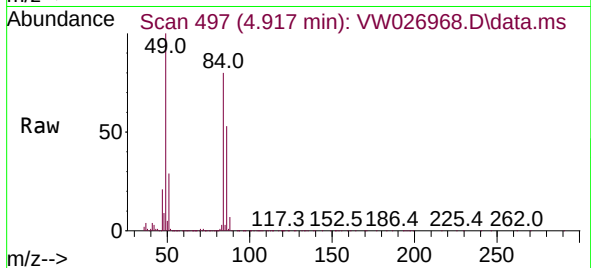
Tgt Ion: 76 Resp: 439769
Ion Ratio Lower Upper
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78 9.1 7.1 10.7



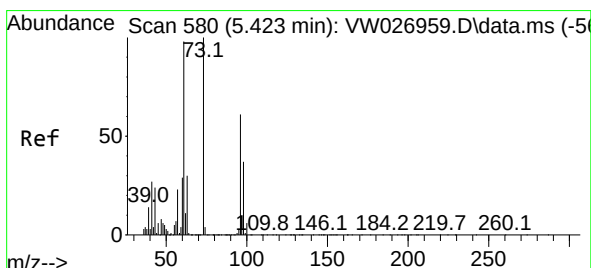
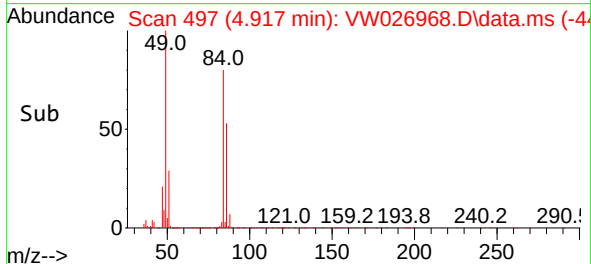
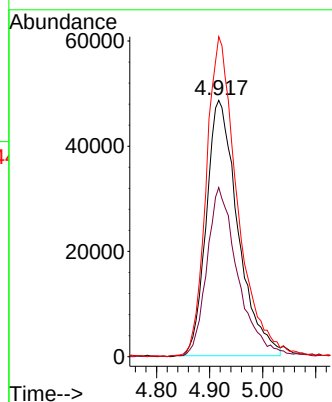


#16
Methylene chloride
Concen: 23.902 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Instrument :
MSVOA_W
ClientSampleId :

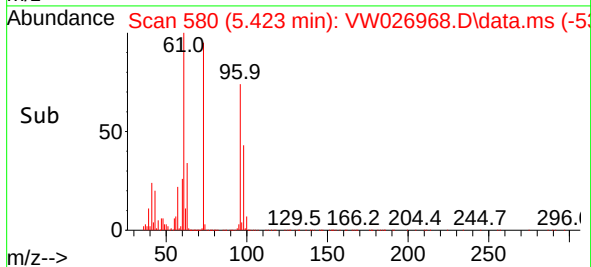
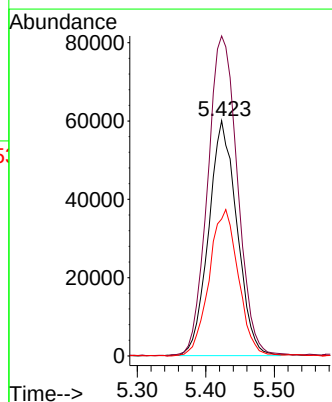
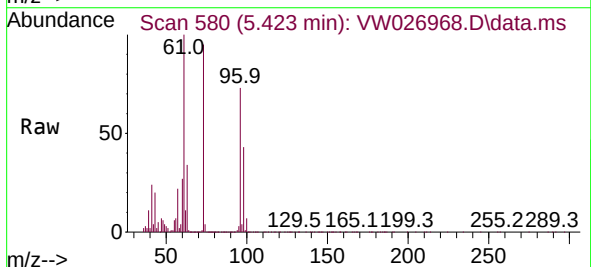


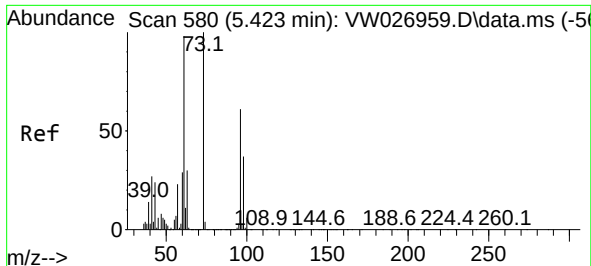
Tgt Ion: 84 Resp: 200652
Ion Ratio Lower Upper
84 100
86 66.0 43.5 80.9
49 124.8 96.0 178.2



#17
trans-1,2-Dichloroethene
Concen: 24.051 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

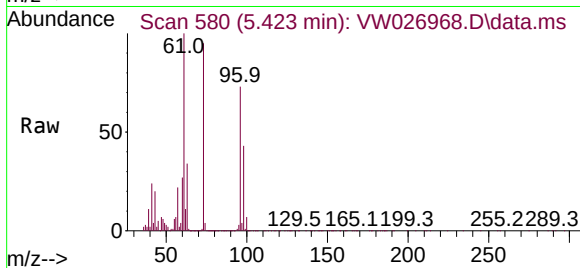
Tgt Ion: 96 Resp: 172150
Ion Ratio Lower Upper
96 100
61 136.1 109.4 203.2
98 58.2 43.6 81.0



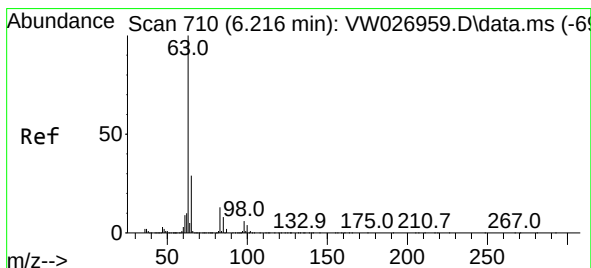
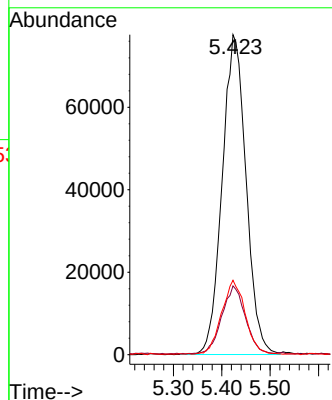
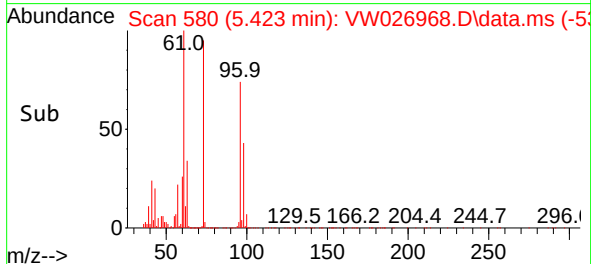


#18
Methyl tert-butyl Ether
Concen: 24.517 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

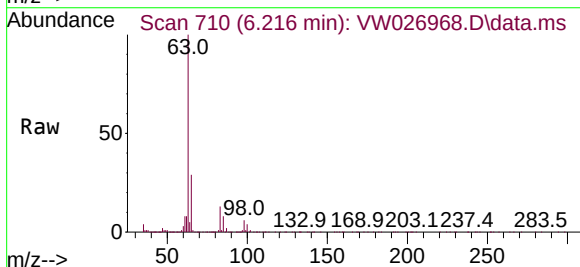
Instrument :
MSVOA_W
ClientSampleId :



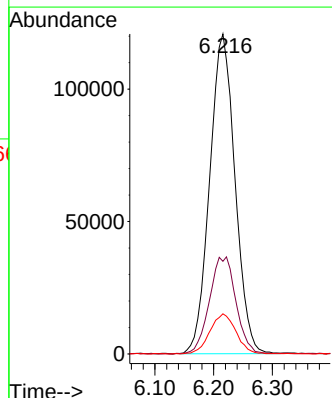
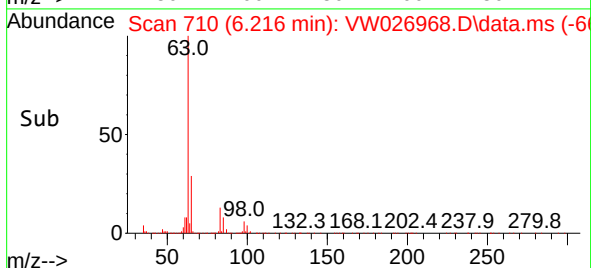
Tgt Ion: 73 Resp: 265533
Ion Ratio Lower Upper
73 100
43 21.1 18.0 27.0
57 22.5 19.3 28.9

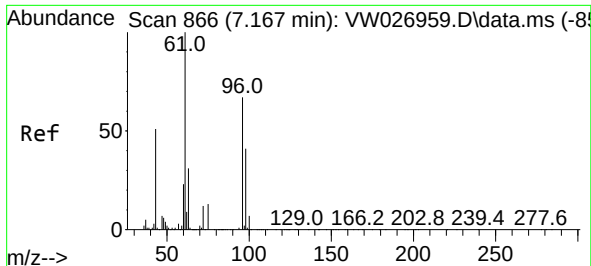


#19
1,1-Dichloroethane
Concen: 24.545 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38



Tgt Ion: 63 Resp: 361598
Ion Ratio Lower Upper
63 100
65 28.9 21.8 40.6
83 12.6 9.0 16.6

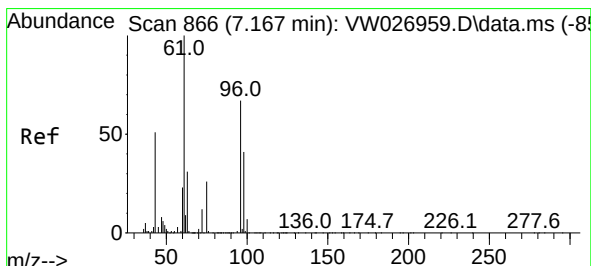
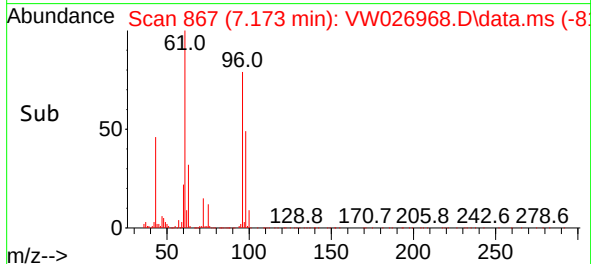
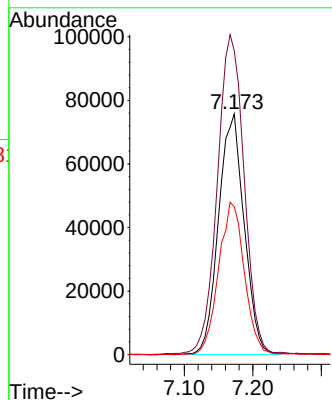
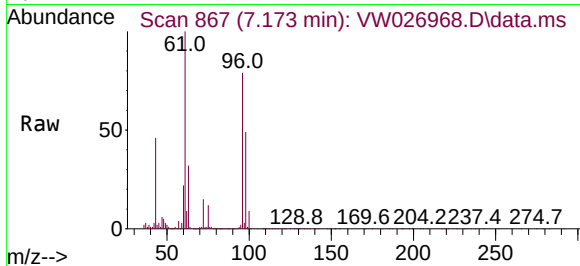




#20
cis-1,2-Dichloroethene
Concen: 25.539 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

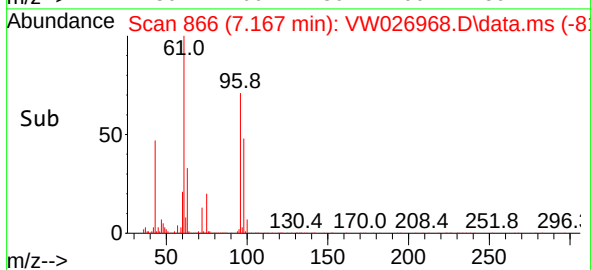
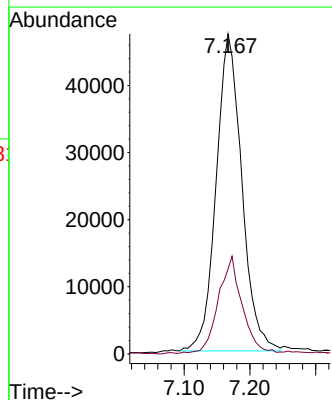
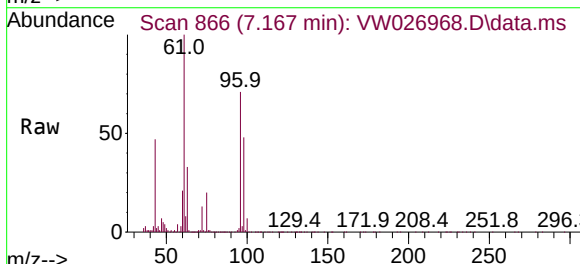
Instrument :
MSVOA_W
ClientSampleId :

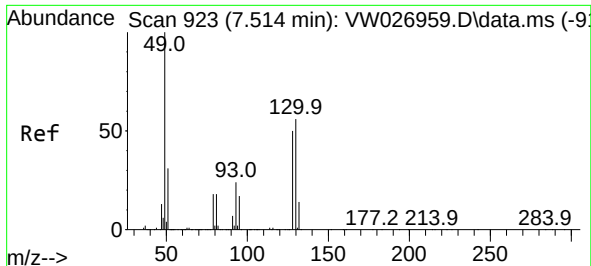
Tgt Ion: 96 Resp: 196485
Ion Ratio Lower Upper
96 100
61 126.2 101.2 188.0
98 61.4 43.8 81.3



#22
2-Butanone
Concen: 42.697 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 43 Resp: 128284
Ion Ratio Lower Upper
43 100
72 27.3 11.8 35.4

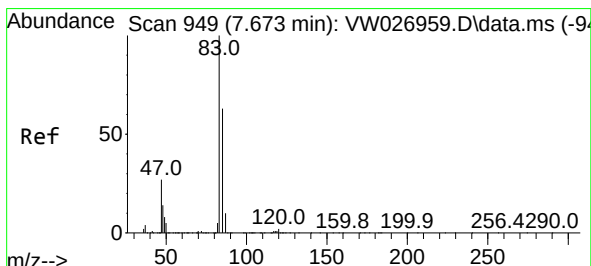
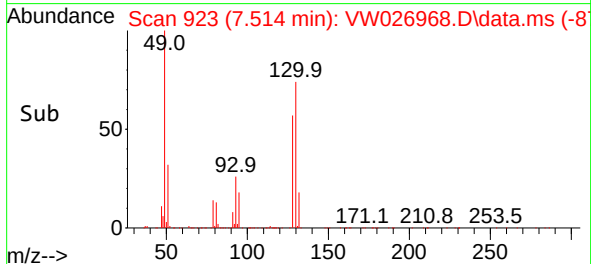
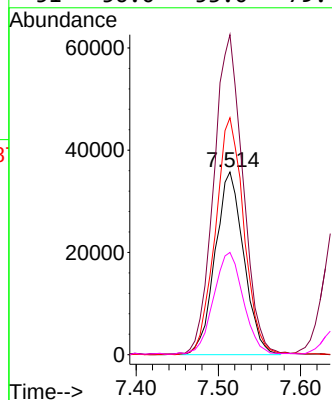
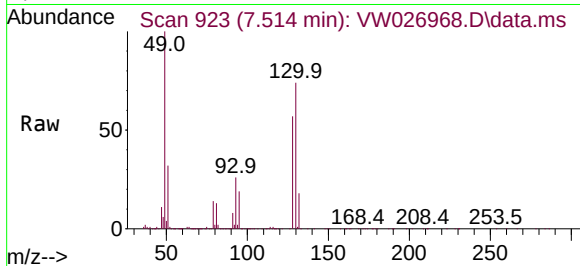




#23
Bromochloromethane
Concen: 25.940 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

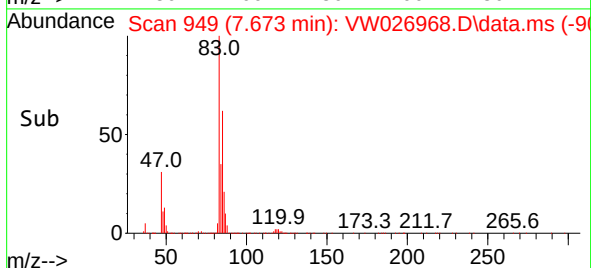
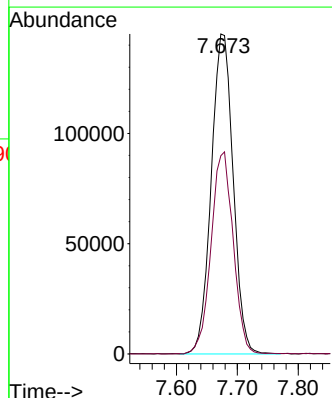
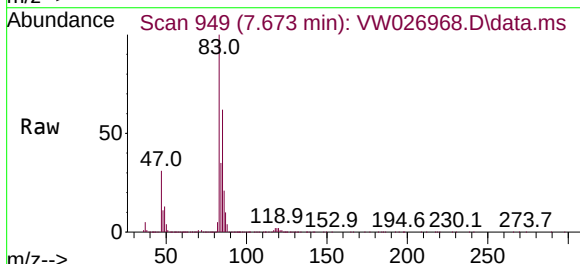
Instrument :
MSVOA_W
ClientSampleId :

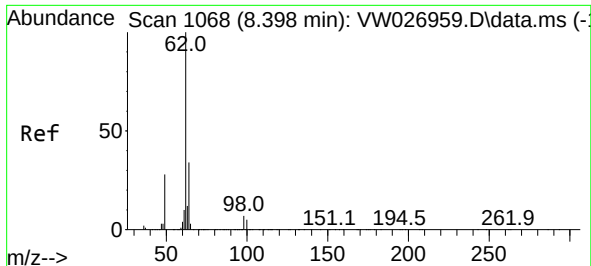
Tgt Ion:128 Resp: 86211
Ion Ratio Lower Upper
128 100
49 175.2 143.1 265.7
130 129.7 91.8 170.4
51 56.0 53.0 79.4



#25
Chloroform
Concen: 25.459 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 83 Resp: 362332
Ion Ratio Lower Upper
83 100
85 62.0 45.4 84.2





#27

1,2-Dichloroethane

Concen: 23.323 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

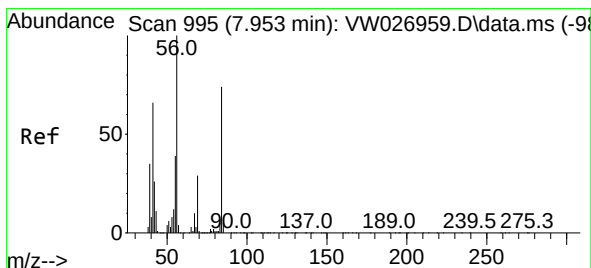
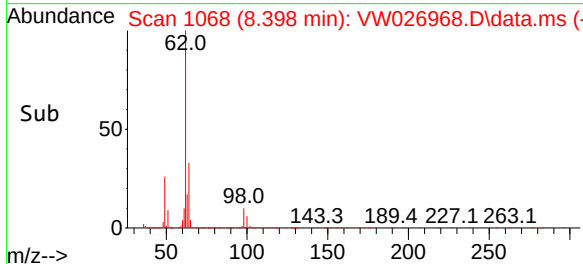
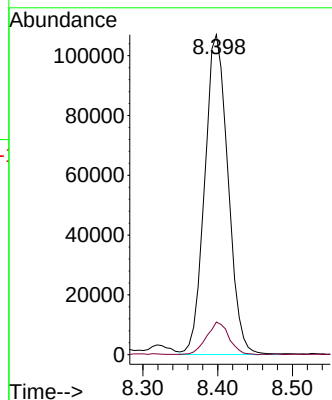
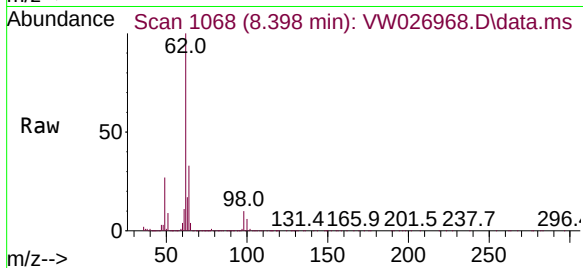
ClientSampleId :

Tgt Ion: 62 Resp: 231572

Ion Ratio Lower Upper

62 100

98 10.2 7.1 10.7



#29

Cyclohexane

Concen: 20.269 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

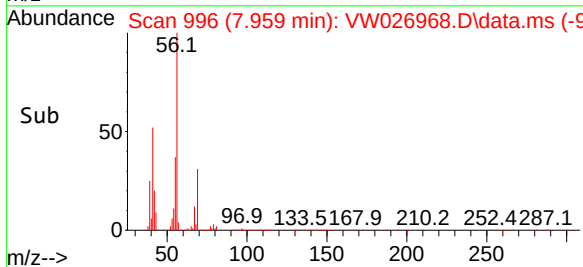
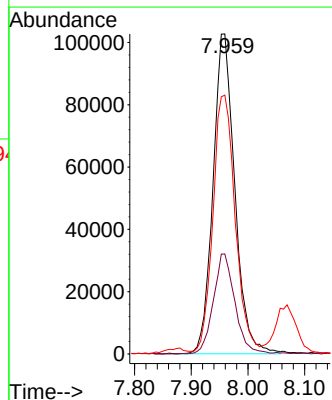
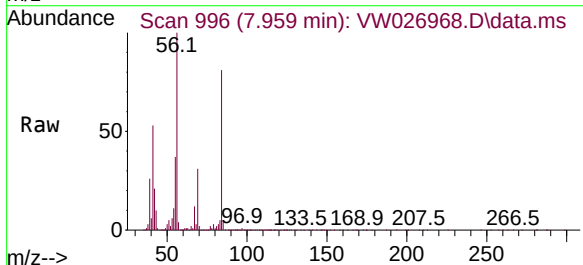
Tgt Ion: 56 Resp: 273300

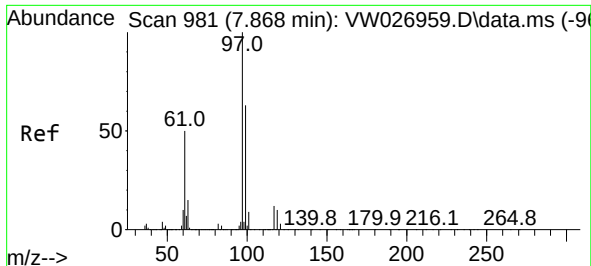
Ion Ratio Lower Upper

56 100

69 30.7 23.2 34.8

84 83.0 62.7 94.1





#30

1,1,1-Trichloroethane

Concen: 23.307 ug/L

RT: 7.874 min Scan# 981

Delta R.T. 0.006 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

ClientSampleId :

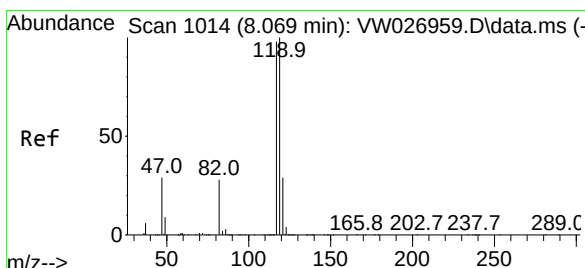
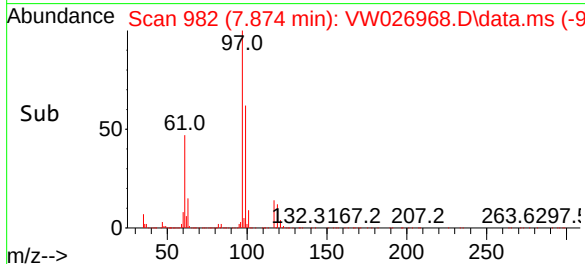
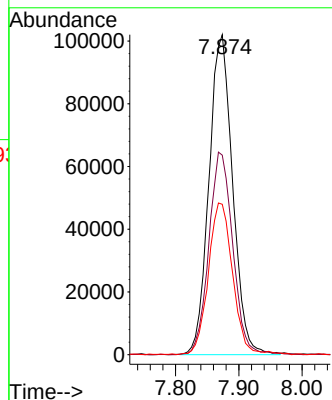
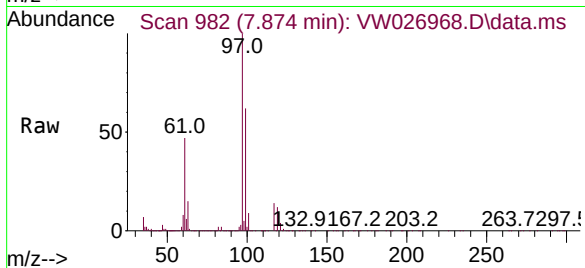
Tgt Ion: 97 Resp: 265214

Ion Ratio Lower Upper

97 100

99 63.5 51.2 76.8

61 48.2 39.2 58.8



#31

Carbon tetrachloride

Concen: 22.920 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW026968.D

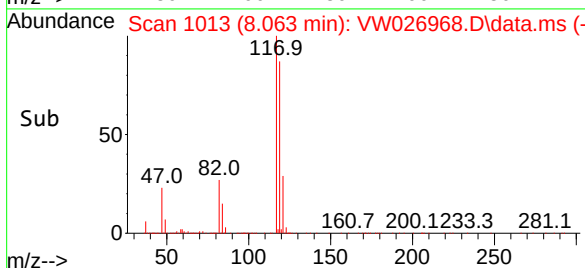
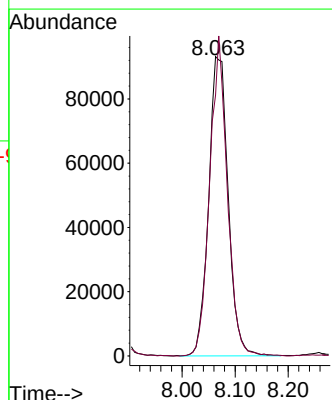
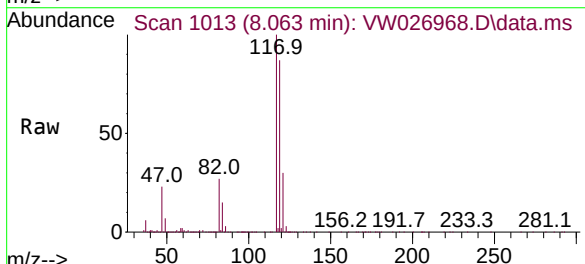
Acq: 31 Aug 2023 10:38

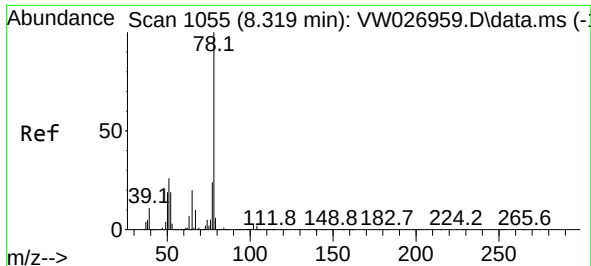
Tgt Ion: 117 Resp: 238465

Ion Ratio Lower Upper

117 100

119 96.2 73.0 109.4

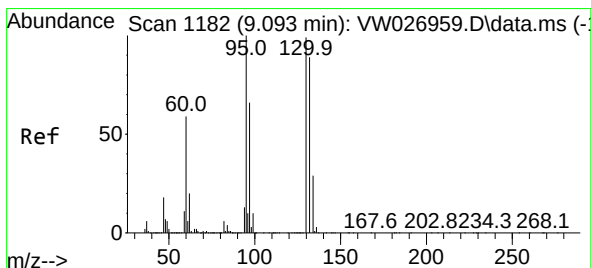
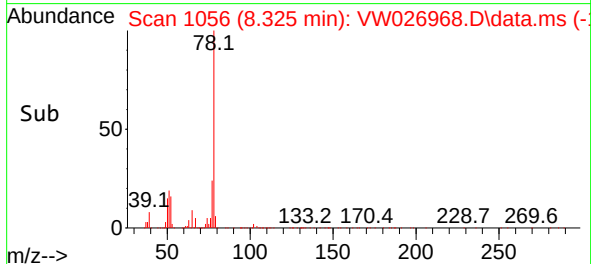
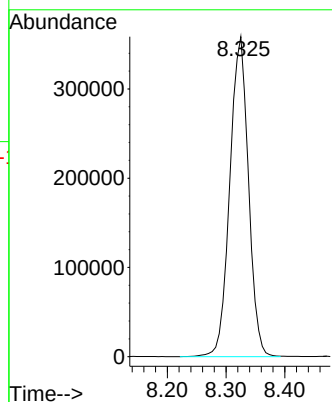
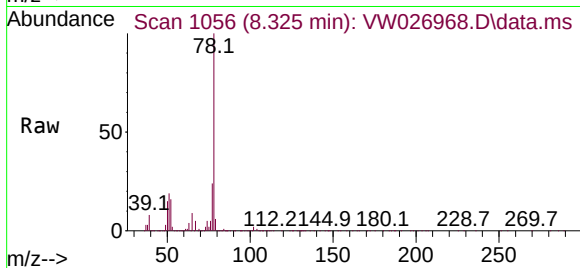




#33
Benzene
Concen: 24.897 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Instrument :
MSVOA_W
ClientSampleId :

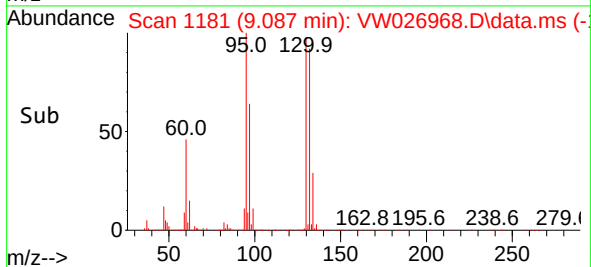
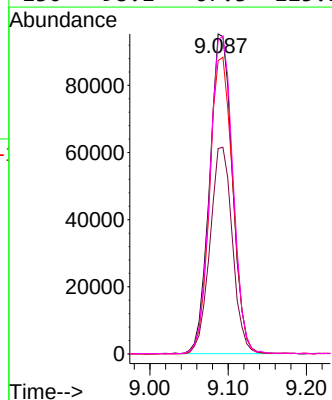
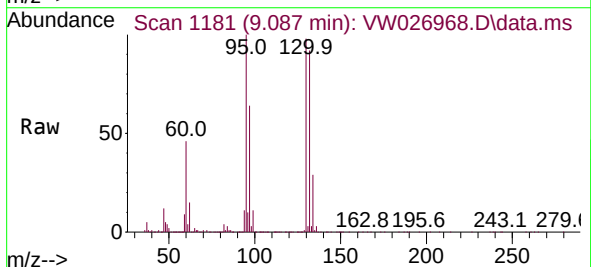
Tgt Ion: 78 Resp: 790505

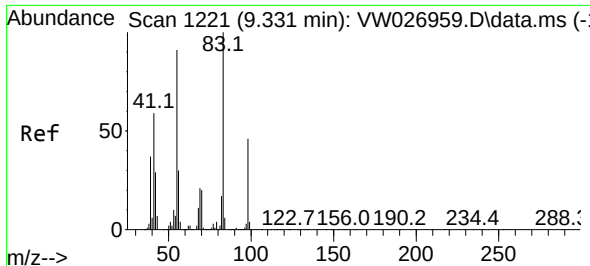


#34
Trichloroethene
Concen: 23.816 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 95 Resp: 192597

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.6	82.8
132	91.6	66.4	123.2
130	98.1	67.3	125.1

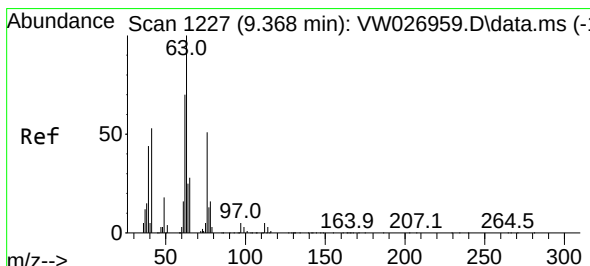
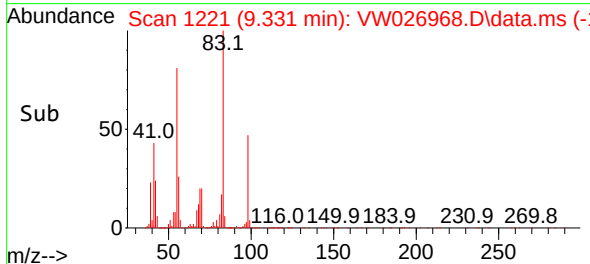
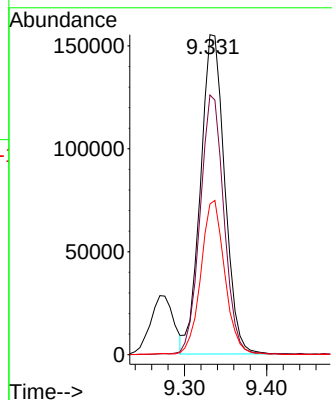
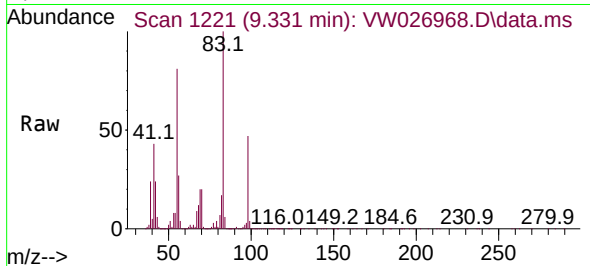




#35
Methylcyclohexane
Concen: 22.977 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

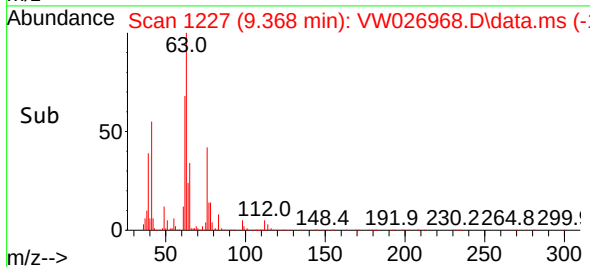
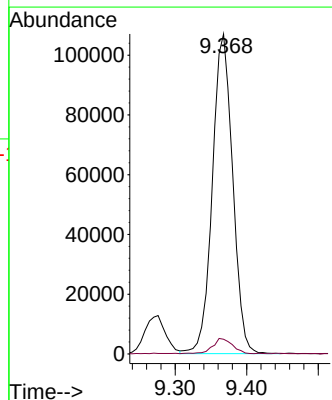
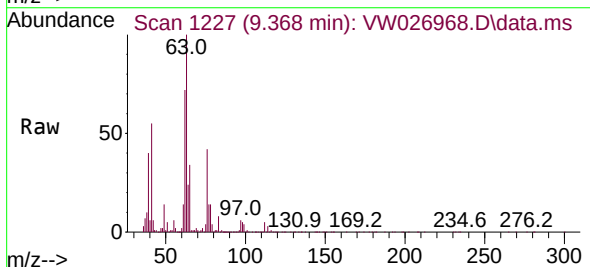
Instrument :
MSVOA_W
ClientSampleId :

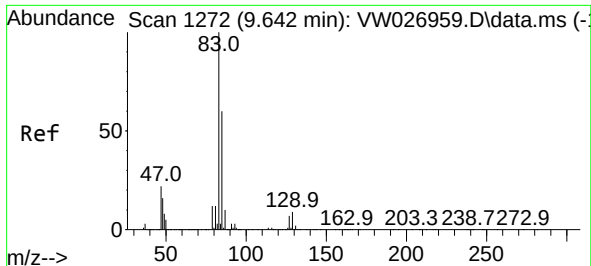
Tgt Ion: 83 Resp: 317873
Ion Ratio Lower Upper
83 100
55 79.4 69.3 103.9
98 47.8 37.4 56.0



#37
1,2-Dichloropropane
Concen: 24.285 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 63 Resp: 211201
Ion Ratio Lower Upper
63 100
112 4.6 3.1 4.7

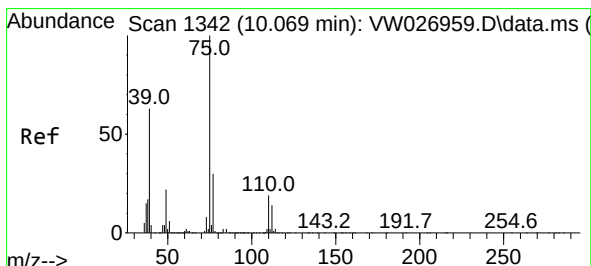
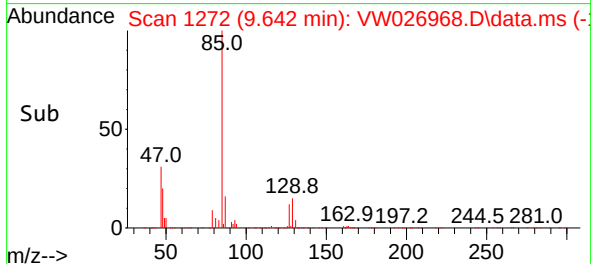
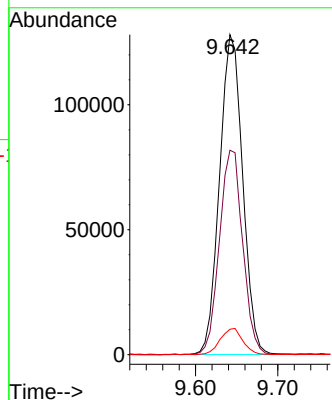
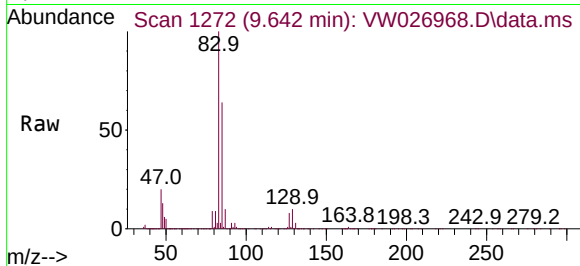




#38
Bromodichloromethane
Concen: 24.503 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

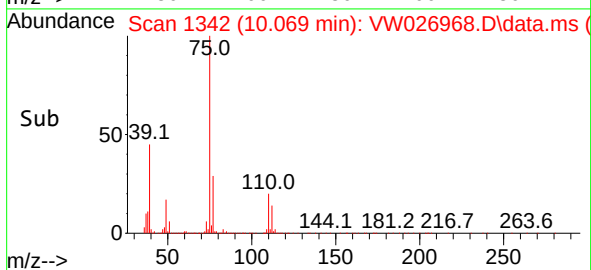
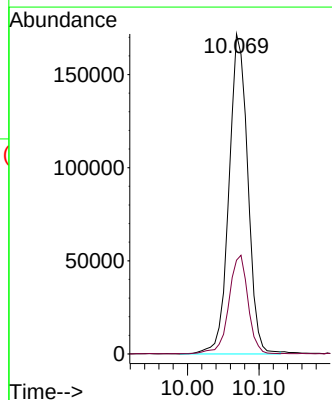
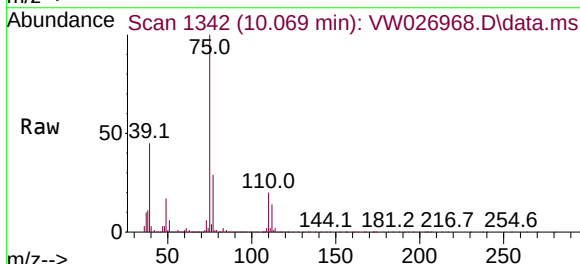
Instrument :
MSVOA_W
ClientSampleId :

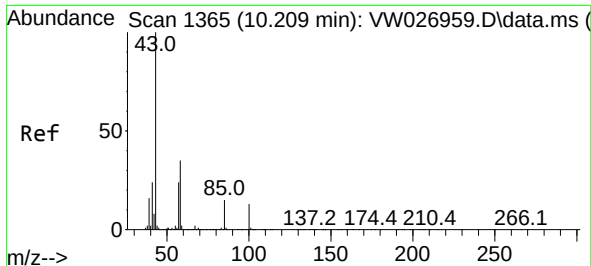
Tgt Ion: 83 Resp: 249991
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2
127 7.9 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 25.061 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 75 Resp: 313542
Ion Ratio Lower Upper
75 100
77 29.3 22.8 42.4

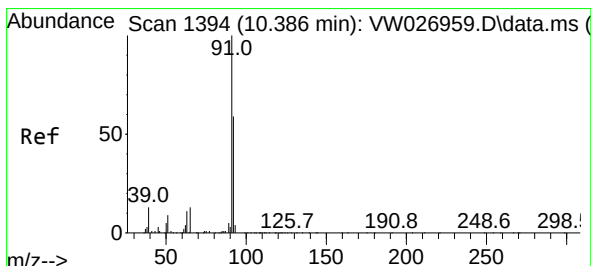
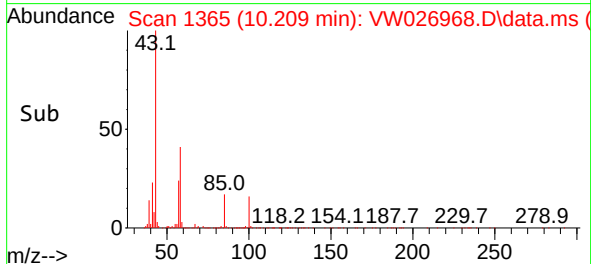
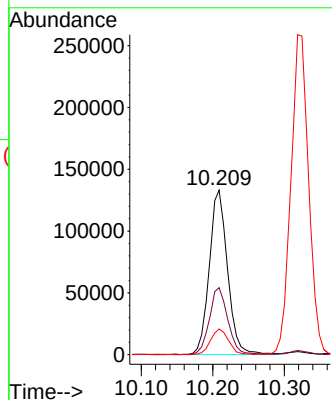
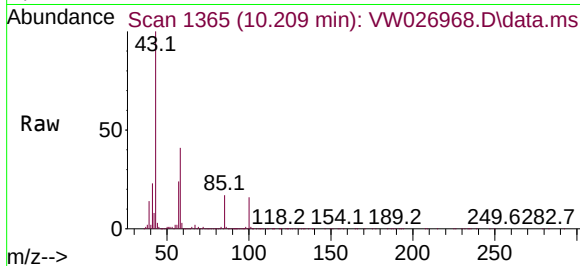




#40
4-Methyl-2-pentanone
Concen: 41.618 ug/L
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

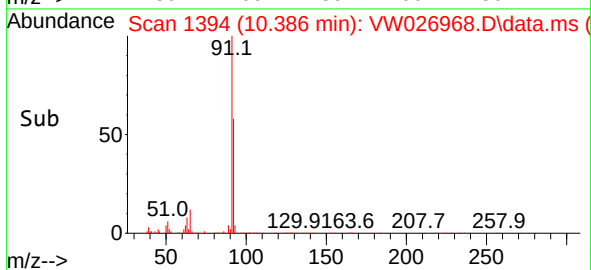
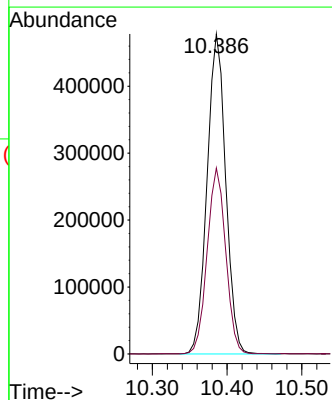
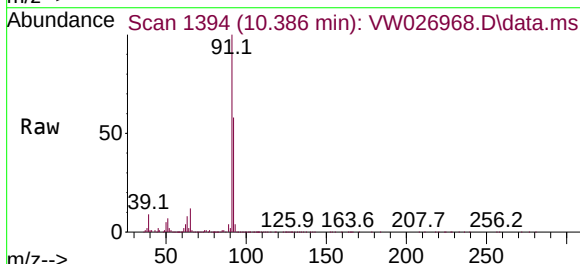
Instrument :
MSVOA_W
ClientSampleId :

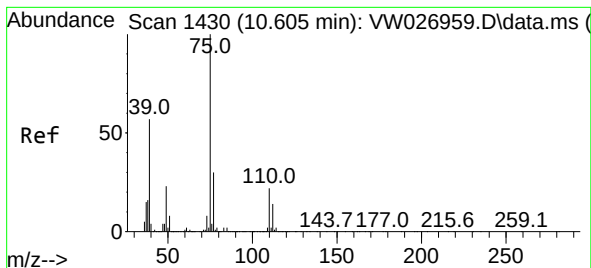
Tgt Ion: 43 Resp: 235435
Ion Ratio Lower Upper
43 100
58 41.1 29.2 43.8
100 15.4 10.7 16.1



#42
Toluene
Concen: 25.738 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 91 Resp: 826689
Ion Ratio Lower Upper
91 100
92 58.1 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 24.581 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

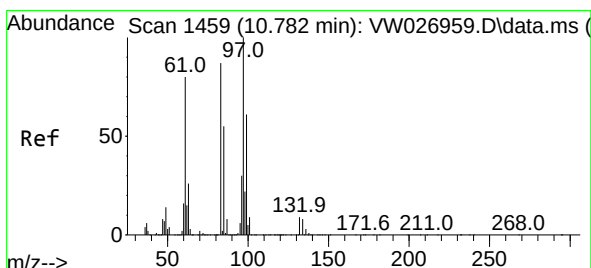
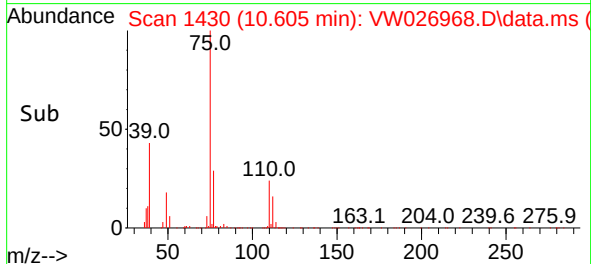
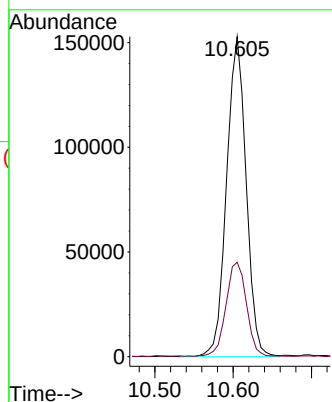
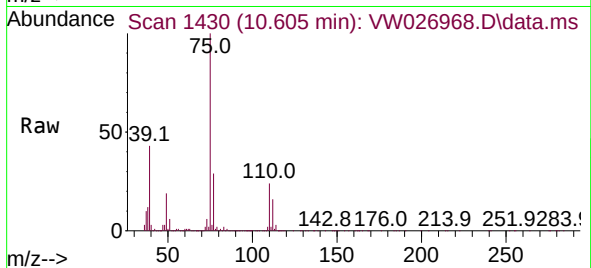
ClientSampleId :

Tgt Ion: 75 Resp: 264706

Ion Ratio Lower Upper

75 100

77 29.5 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 26.170 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Tgt Ion: 97 Resp: 155657

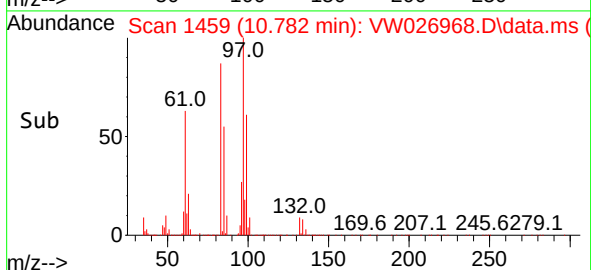
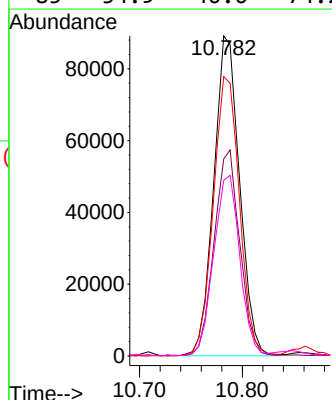
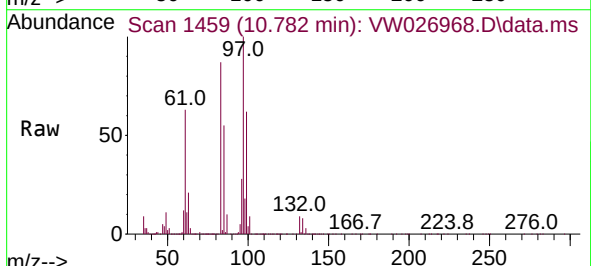
Ion Ratio Lower Upper

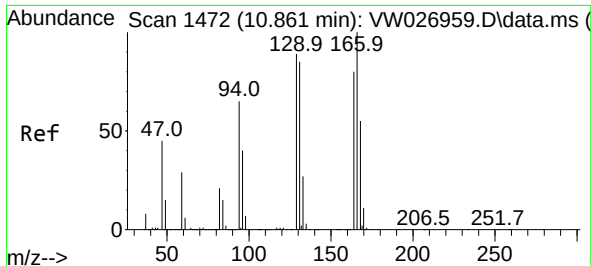
97 100

99 61.5 44.2 82.0

83 87.3 61.9 114.9

85 54.9 40.0 74.2



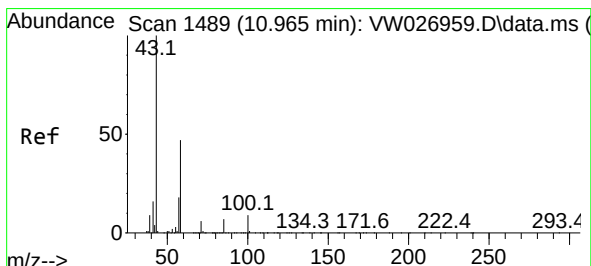
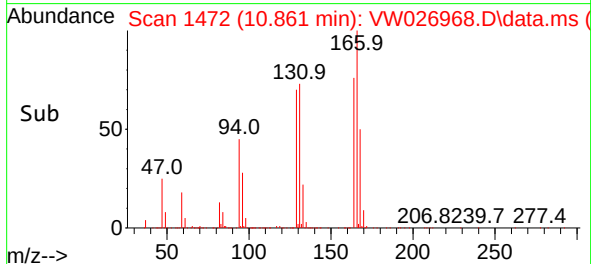
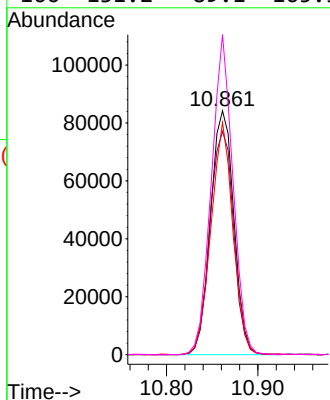
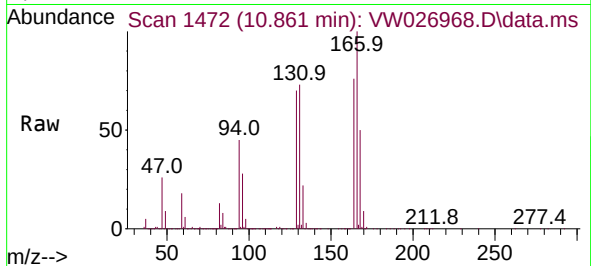


#46
Tetrachloroethene
Concen: 25.364 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 149012

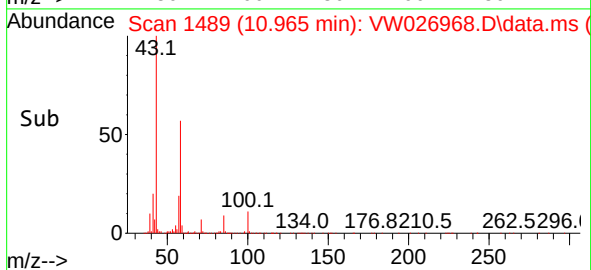
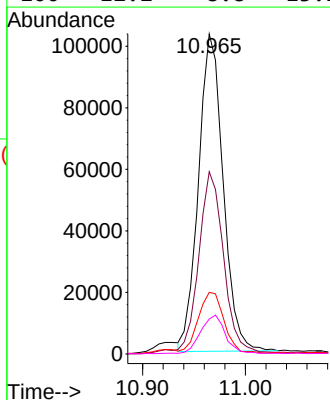
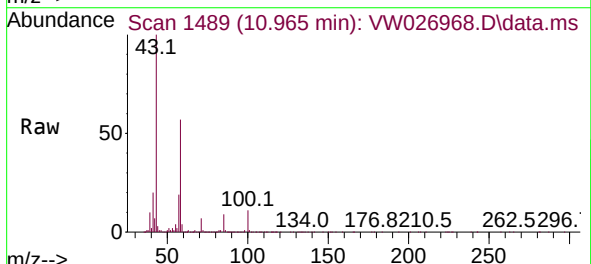
Ion	Ratio	Lower	Upper
164	100		
129	91.6	68.1	126.5
131	95.2	65.5	121.7
166	131.2	89.1	165.5

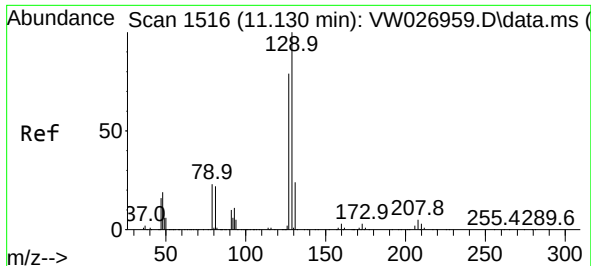


#48
2-Hexanone
Concen: 44.786 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 43 Resp: 172397

Ion	Ratio	Lower	Upper
43	100		
58	58.0	41.1	61.7
57	20.1	14.3	21.5
100	12.2	8.8	13.2





#49

Dibromochloromethane

Concen: 25.695 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

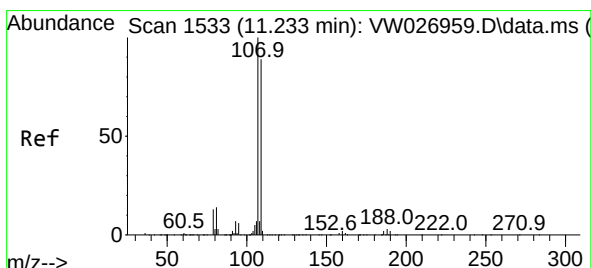
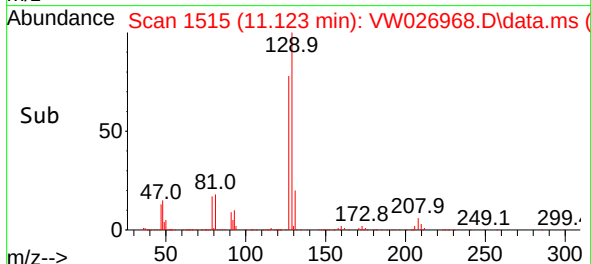
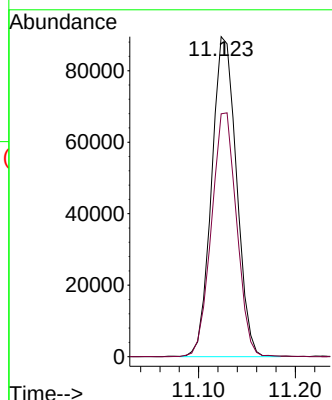
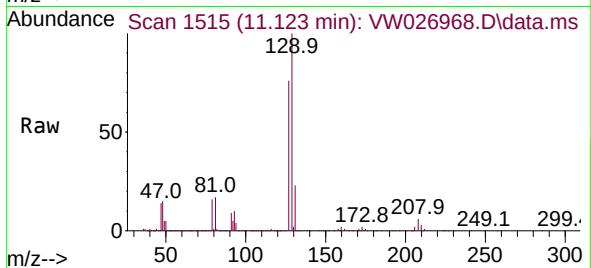
ClientSampleId :

Tgt Ion:129 Resp: 159844

Ion Ratio Lower Upper

129 100

127 75.9 56.6 105.2



#50

1,2-Dibromoethane

Concen: 24.788 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

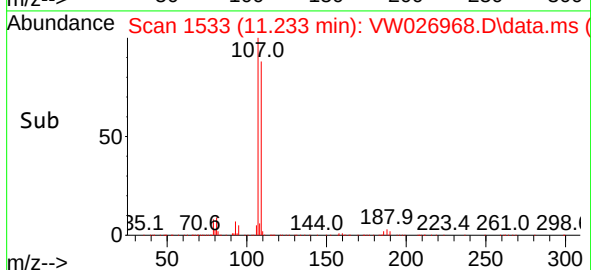
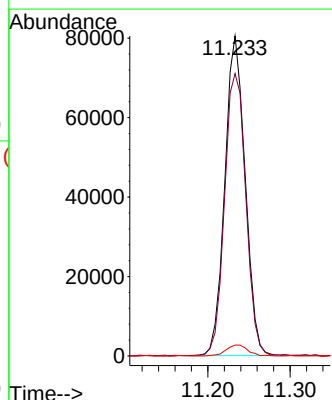
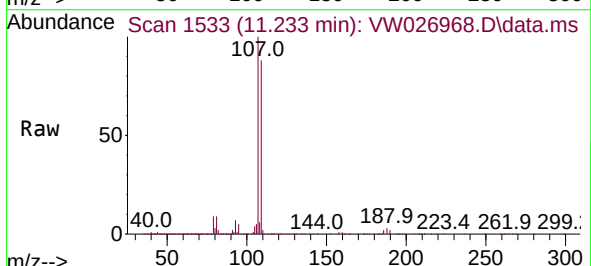
Tgt Ion:107 Resp: 138341

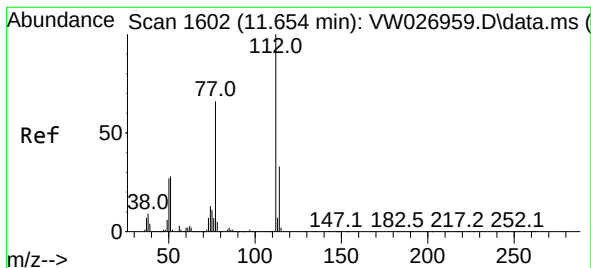
Ion Ratio Lower Upper

107 100

109 88.3 68.8 127.8

188 3.4 2.7 4.1





#51

Chlorobenzene

Concen: 26.192 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

ClientSampleId :

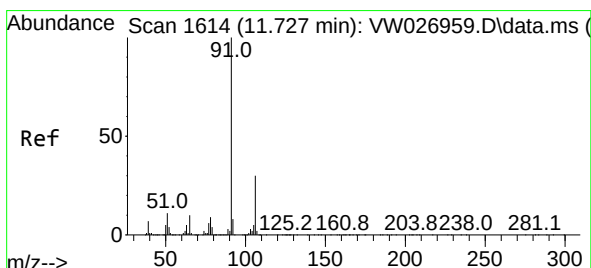
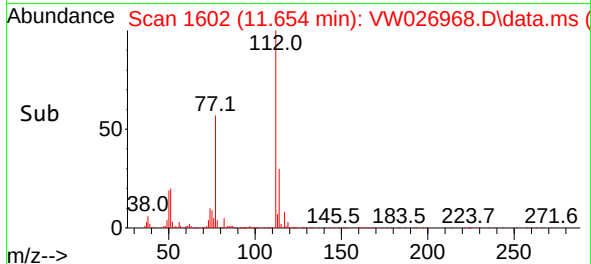
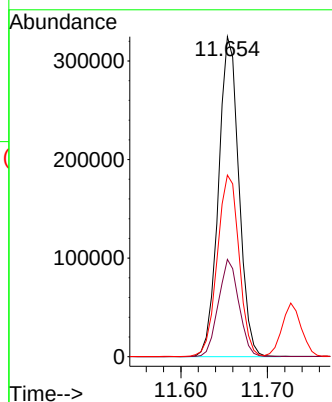
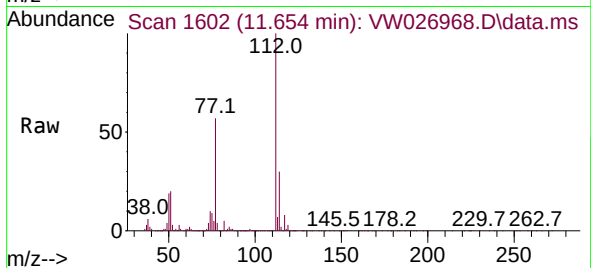
Tgt Ion:112 Resp: 531400

Ion Ratio Lower Upper

112 100

114 30.4 22.4 41.6

77 56.8 50.2 75.2



#52

Ethylbenzene

Concen: 25.849 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW026968.D

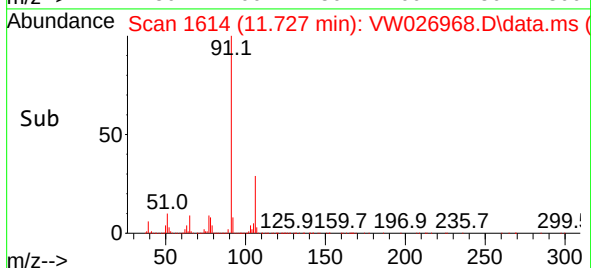
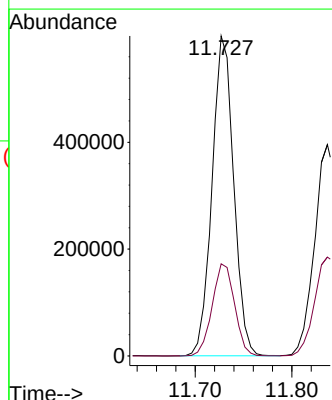
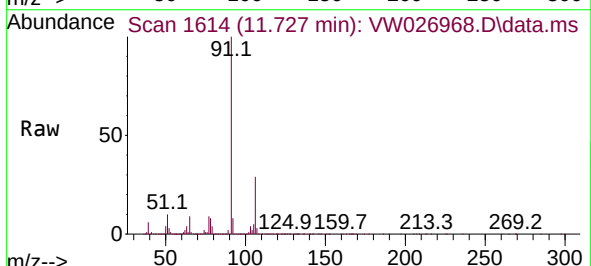
Acq: 31 Aug 2023 10:38

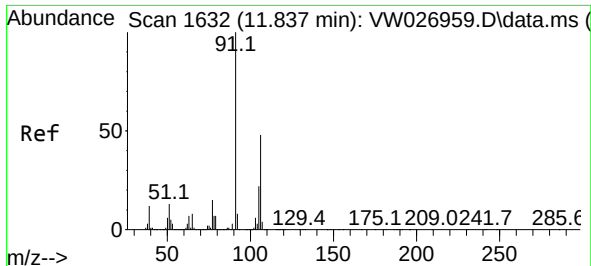
Tgt Ion: 91 Resp: 931048

Ion Ratio Lower Upper

91 100

106 28.8 20.2 37.6

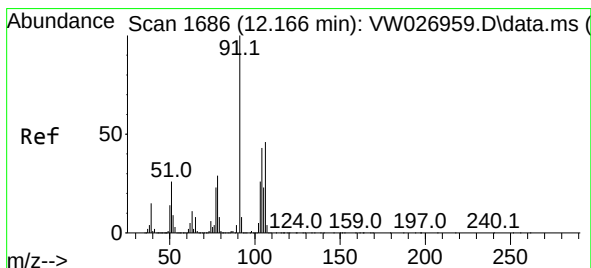
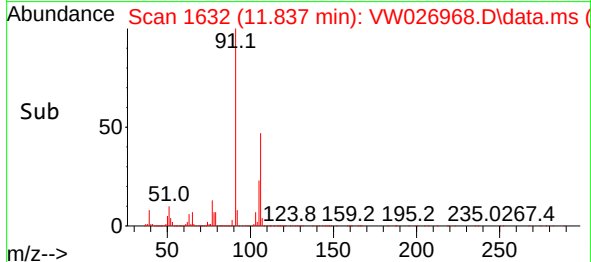
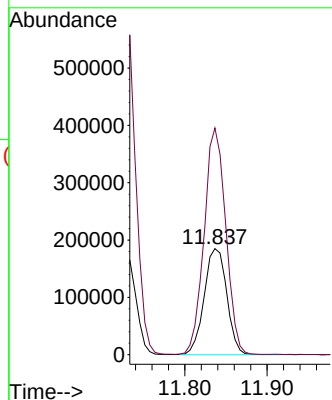
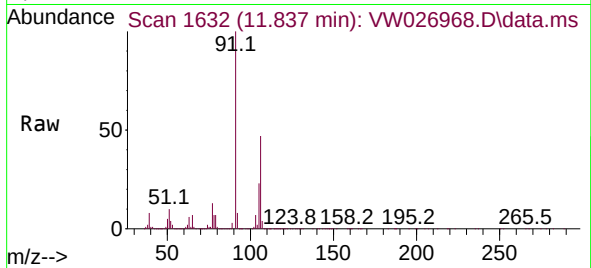




#53
m,p-Xylene
Concen: 26.526 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

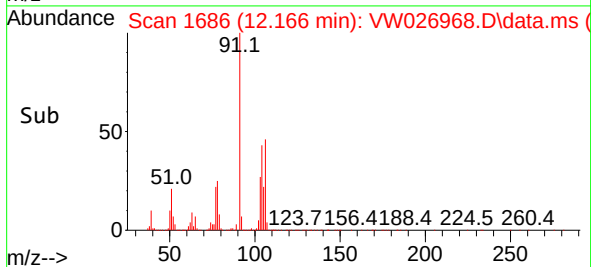
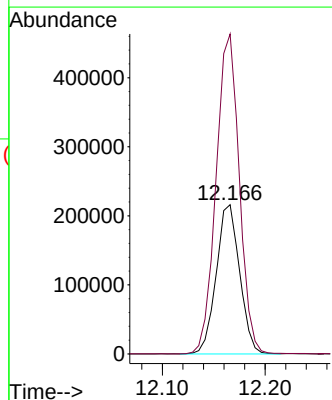
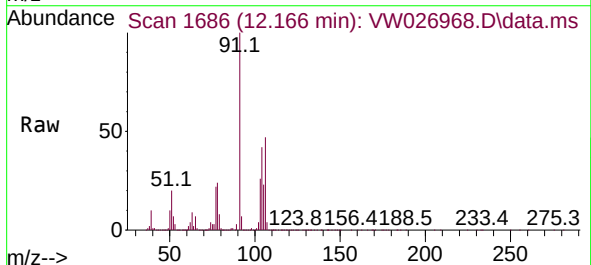
Instrument :
MSVOA_W
ClientSampleId :

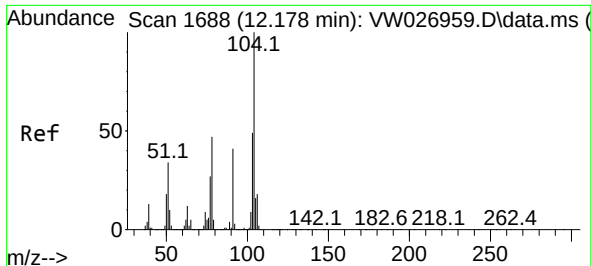
Tgt Ion:106 Resp: 353950
Ion Ratio Lower Upper
106 100
91 213.6 152.9 284.1



#54
o-Xylene
Concen: 27.328 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion:106 Resp: 340338
Ion Ratio Lower Upper
106 100
91 214.3 149.9 278.3

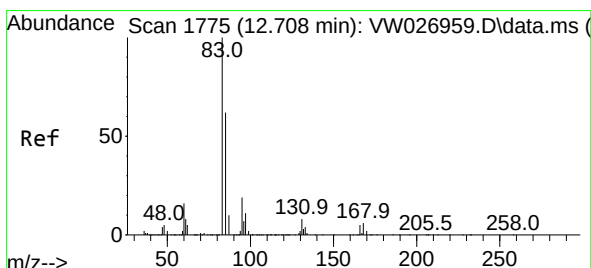
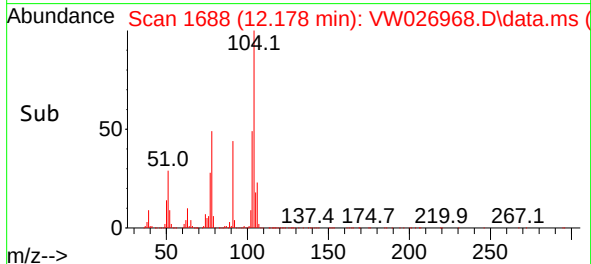
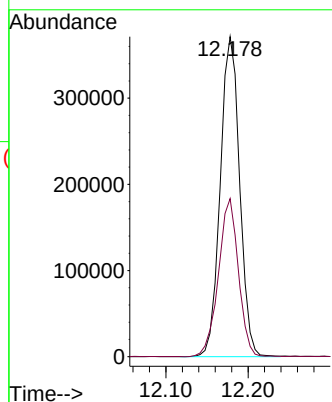
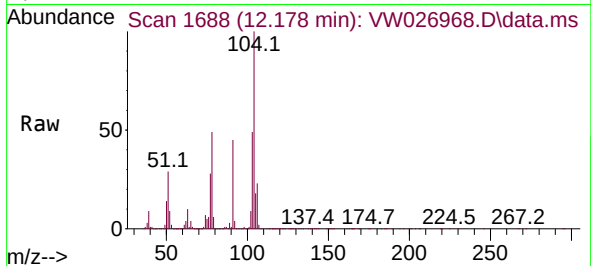




#55
Styrene
Concen: 28.101 ug/L
RT: 12.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

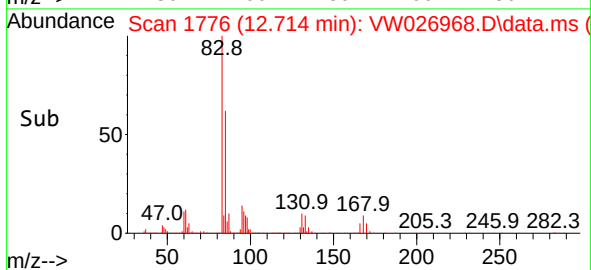
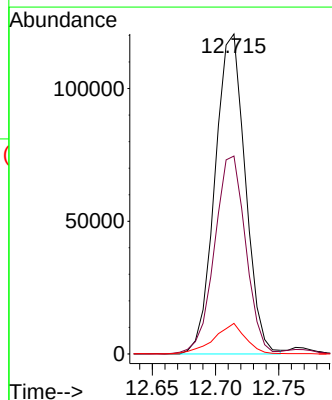
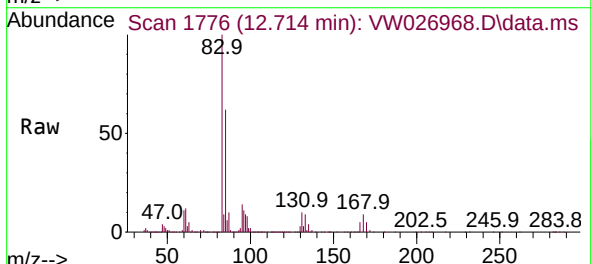
Instrument :
MSVOA_W
ClientSampleId :

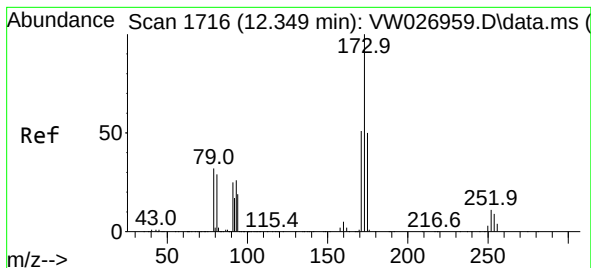
Tgt Ion:104 Resp: 608494
Ion Ratio Lower Upper
104 100
78 49.4 33.0 61.2



#57
1,1,2,2-Tetrachloroethane
Concen: 26.659 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion: 83 Resp: 200819
Ion Ratio Lower Upper
83 100
85 61.8 44.9 83.3
131 9.6 7.4 11.0





#59

Bromoform

Concen: 23.728 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026968.D

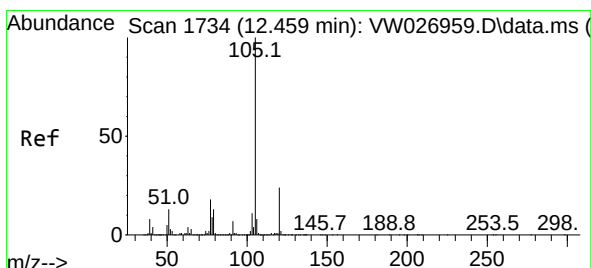
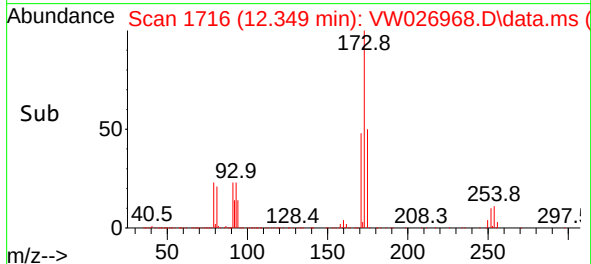
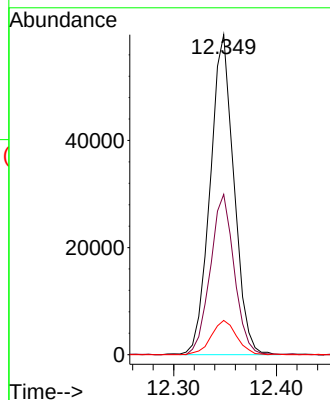
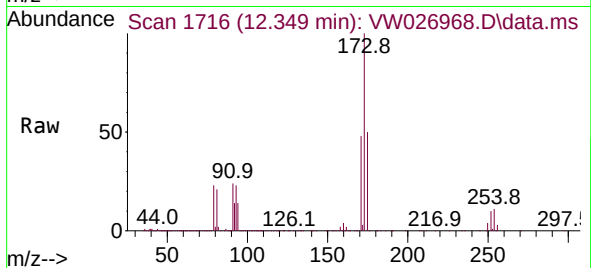
Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	95897
Ion	Ratio	Lower	Upper
173	100		
175	50.4	36.6	55.0
254	11.4	7.8	11.6



#60

Isopropylbenzene

Concen: 24.270 ug/L

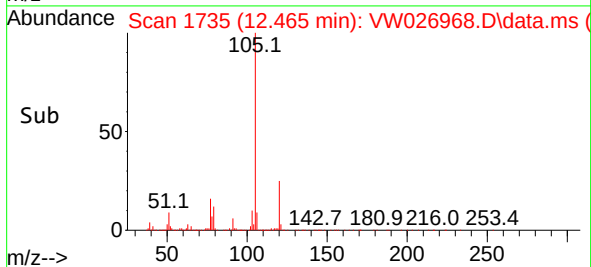
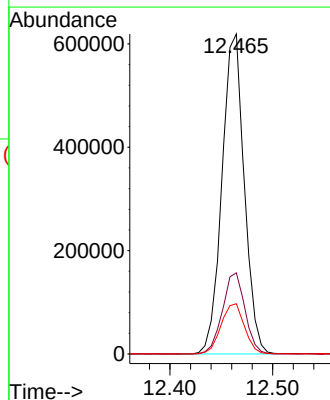
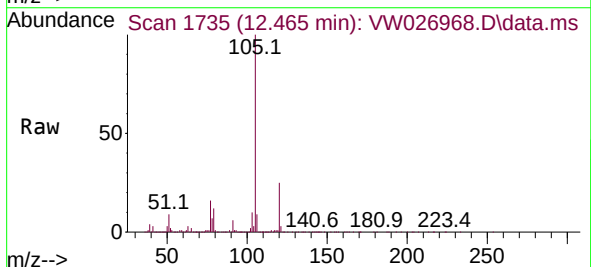
RT: 12.465 min Scan# 1735

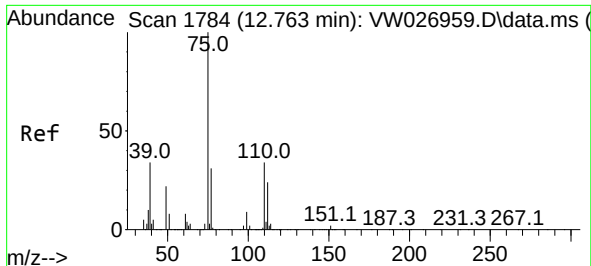
Delta R.T. 0.006 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Tgt Ion:	105	Resp:	930977
Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.0	31.6
77	16.5	13.4	20.2





#61

1,2,3-Trichloropropane

Concen: 22.183 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

ClientSampleId :

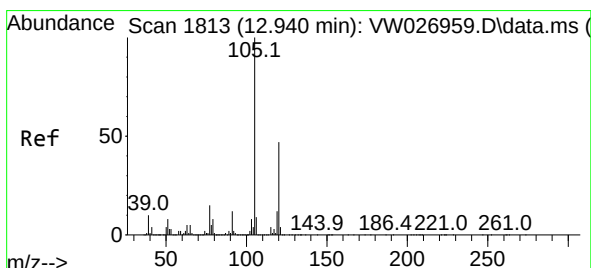
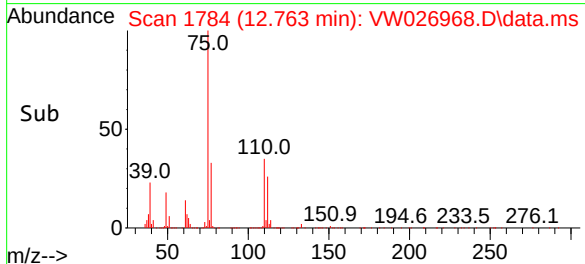
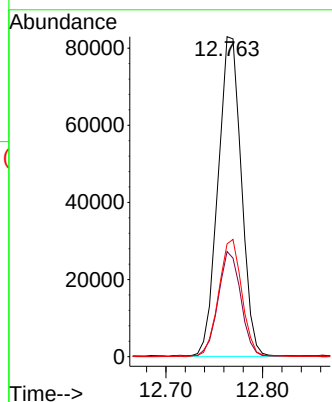
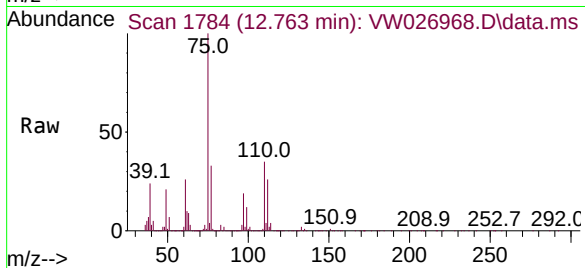
Tgt Ion: 75 Resp: 138830

Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 36.4 29.9 44.9



#62

1,3,5-Trimethylbenzene

Concen: 24.676 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026968.D

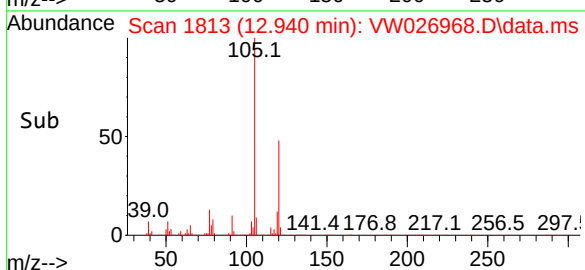
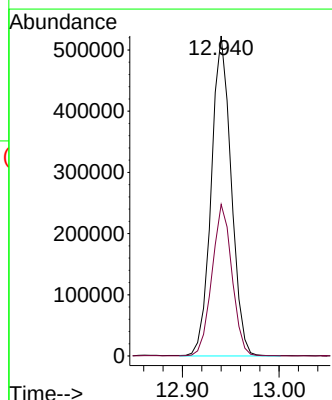
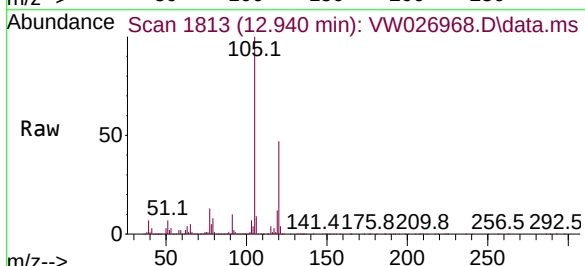
Acq: 31 Aug 2023 10:38

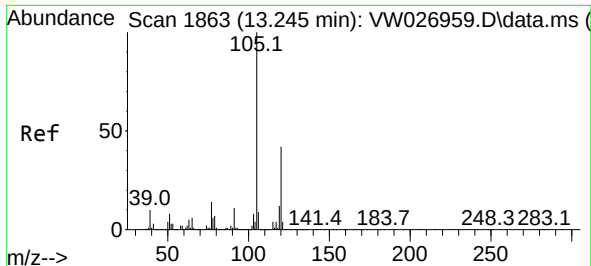
Tgt Ion:105 Resp: 748156

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.2

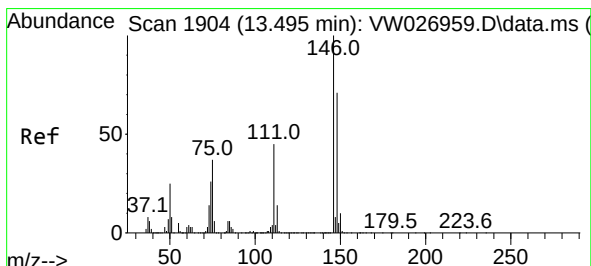
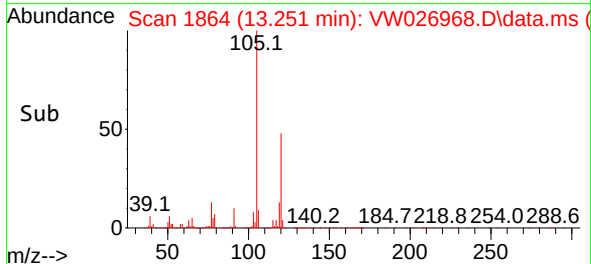
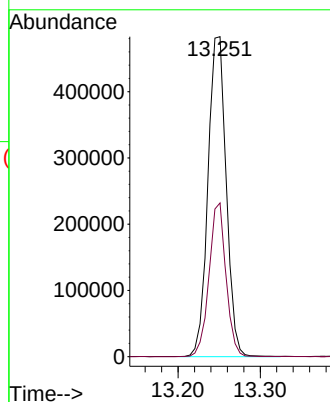
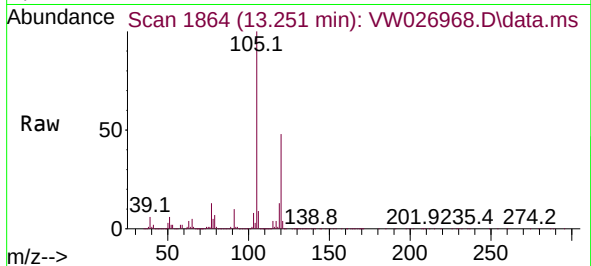




#63
1,2,4-Trimethylbenzene
Concen: 25.065 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

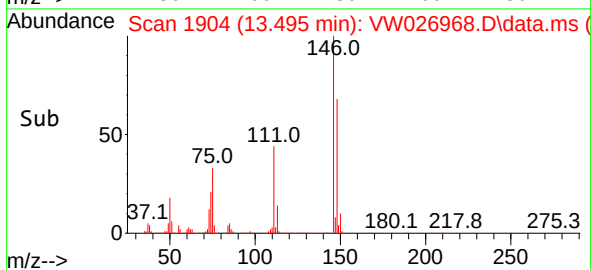
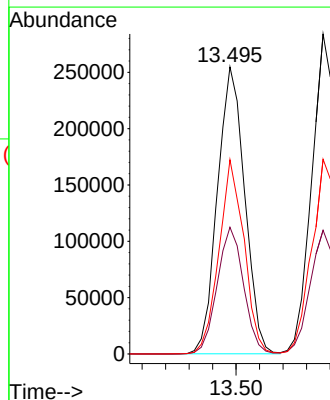
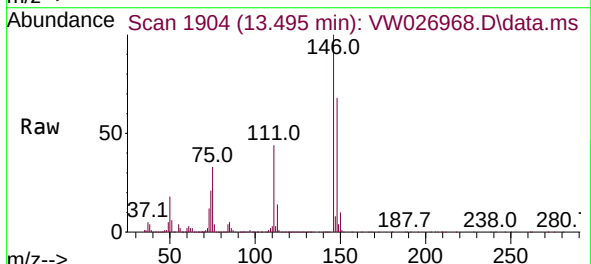
Instrument :
MSVOA_W
ClientSampleId :

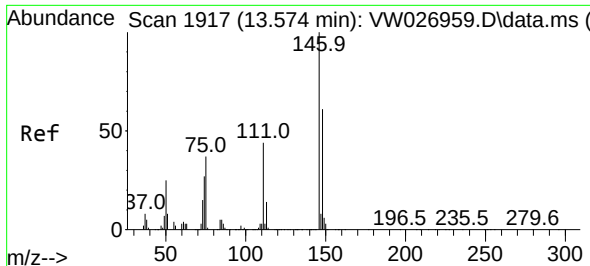
Tgt Ion:105 Resp: 744693
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 24.643 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion:146 Resp: 411095
Ion Ratio Lower Upper
146 100
111 44.2 29.1 54.1
148 67.7 38.8 72.0

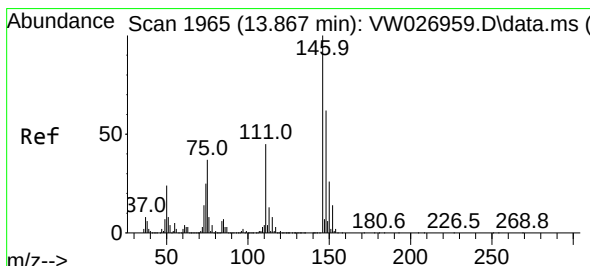
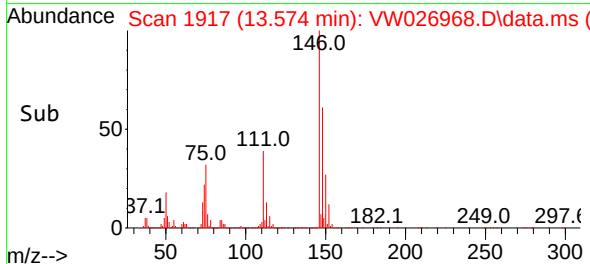
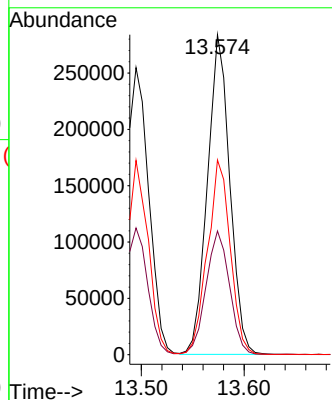
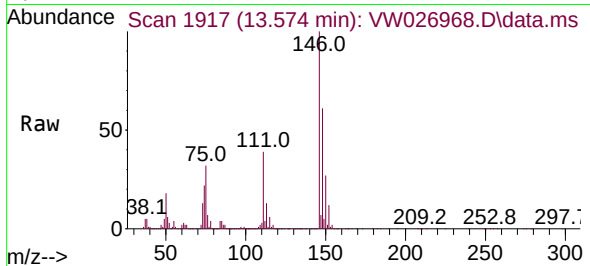




#65
1,4-Dichlorobenzene
Concen: 24.715 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

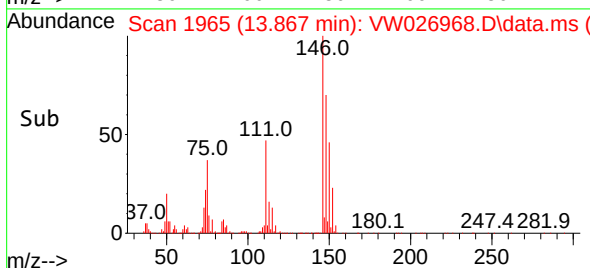
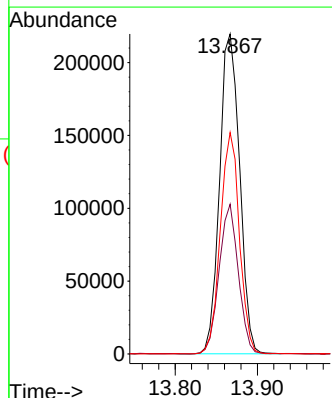
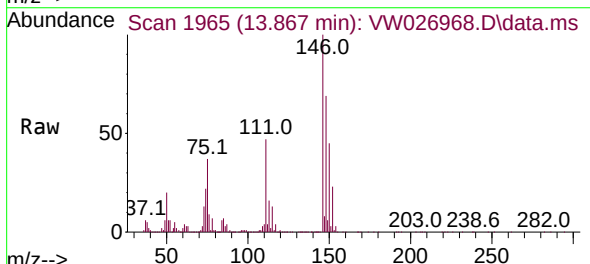
Instrument :
MSVOA_W
ClientSampleId :

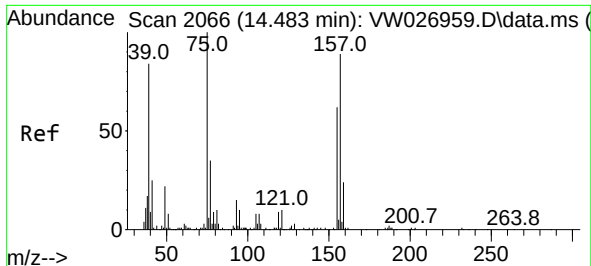
Tgt Ion:146 Resp: 430272
Ion Ratio Lower Upper
146 100
111 38.7 28.3 52.7
148 60.8 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 24.495 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026968.D
Acq: 31 Aug 2023 10:38

Tgt Ion:146 Resp: 371591
Ion Ratio Lower Upper
146 100
111 46.8 34.6 52.0
148 69.2 53.4 80.0





#68

1,2-Dibromo-3-chloropropane

Concen: 20.296 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

ClientSampleId :

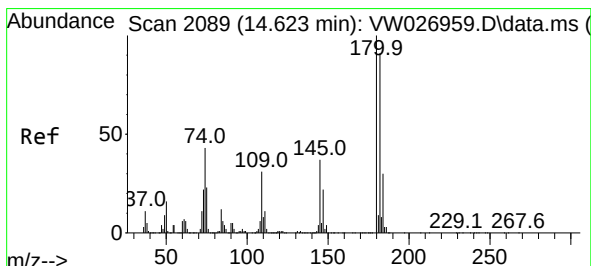
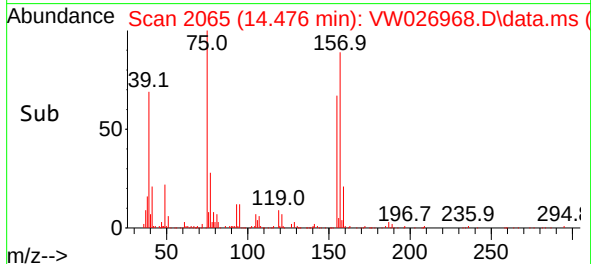
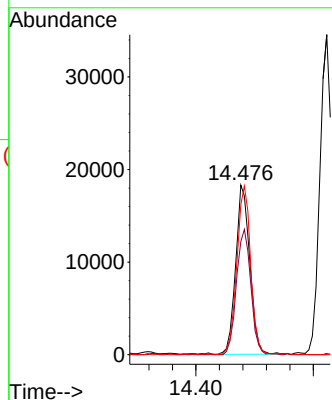
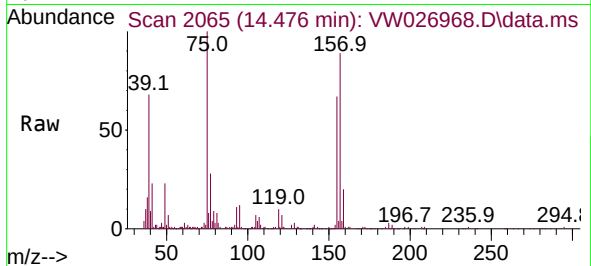
Tgt Ion: 75 Resp: 30621

Ion Ratio Lower Upper

75 100

155 66.7 55.0 82.6

157 88.5 77.8 116.6



#69

1,3,5-Trichlorobenzene

Concen: 24.873 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Tgt Ion: 180 Resp: 280328

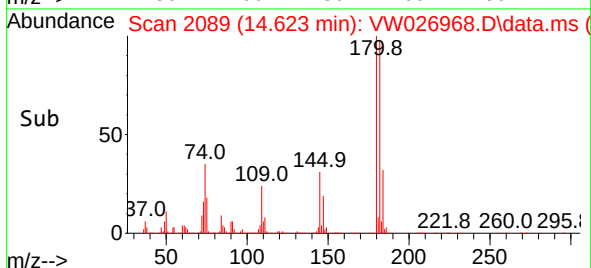
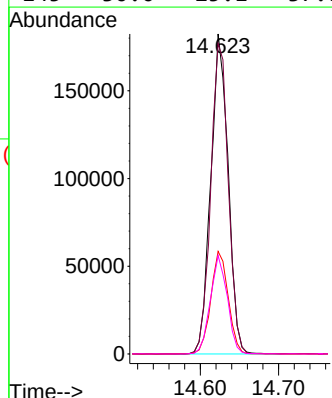
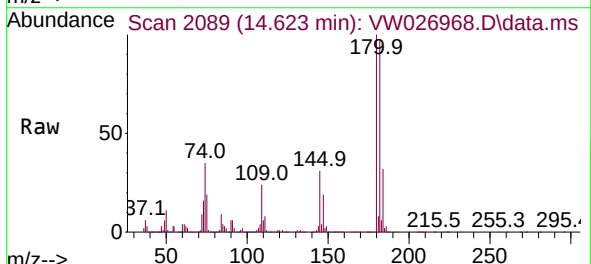
Ion Ratio Lower Upper

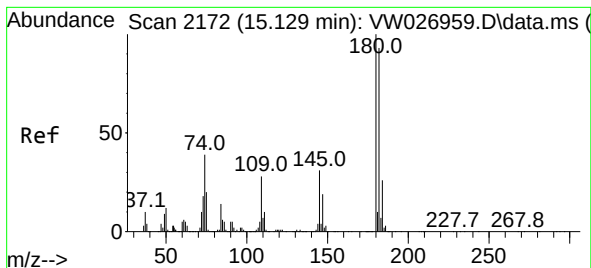
180 100

182 98.2 75.2 112.8

184 32.0 23.8 35.8

145 30.0 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 24.046 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

Instrument :

MSVOA_W

ClientSampleId :

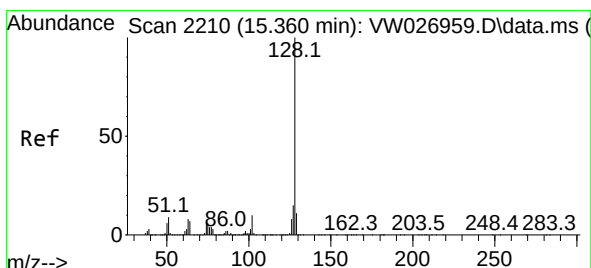
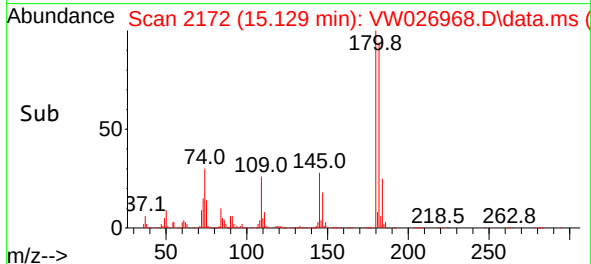
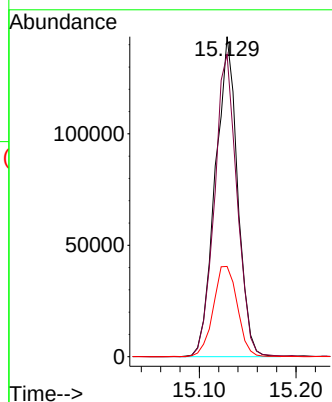
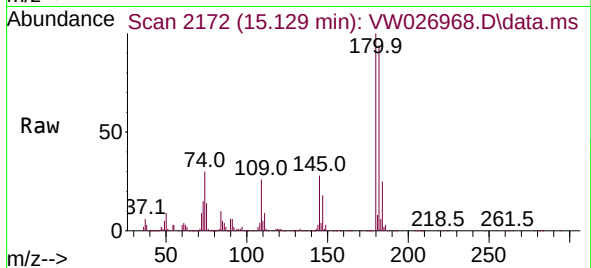
Tgt Ion:180 Resp: 229777

Ion Ratio Lower Upper

180 100

182 95.3 72.5 108.7

145 30.5 24.7 37.1



#71

Naphthalene

Concen: 22.947 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026968.D

Acq: 31 Aug 2023 10:38

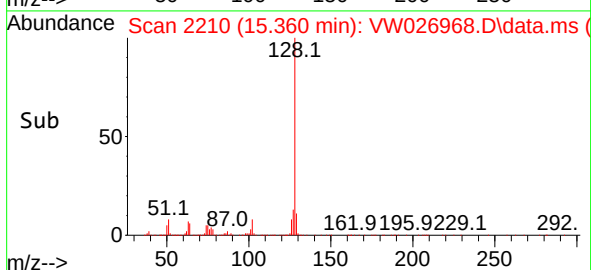
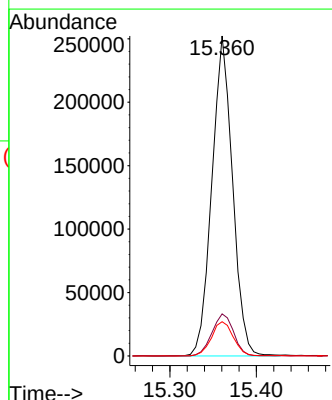
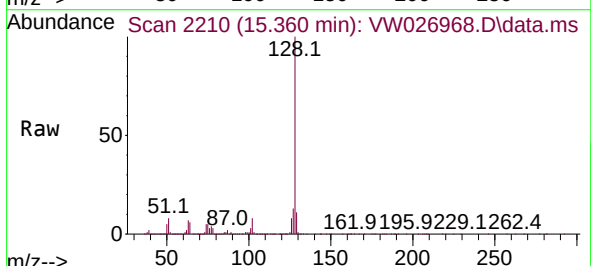
Tgt Ion:128 Resp: 418273

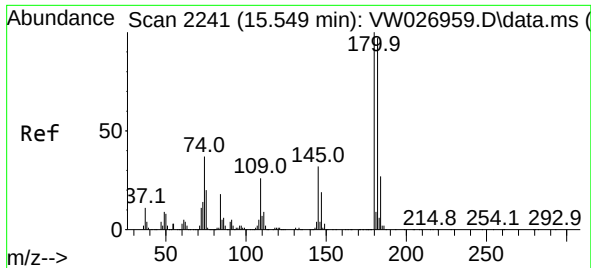
Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

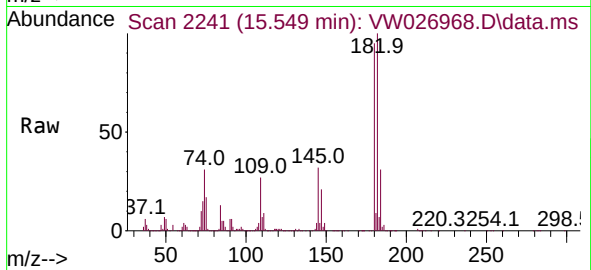
129 11.4 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 25.955 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026968.D
 Acq: 31 Aug 2023 10:38

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.6	112.0
145	31.3	27.0	40.6

