

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081423\
 Data File : VW026742.D
 Acq On : 14 Aug 2023 17:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 14 23:28:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 14 23:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	506568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	499261	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	275114	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	129522	15.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.200%
7) Chloroethane-d5	2.893	69	113050	18.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.040%
11) 1,1-Dichloroethene-d2	4.027	65	81054	19.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.160%
21) 2-Butanone-d5	7.081	46	113719	47.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.020%
24) Chloroform-d	7.648	84	417895	24.579	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	8.307	65	234087	24.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	8.276	84	834089	24.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.276	67	267456	24.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	10.325	98	717876	24.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	10.575	79	103451	23.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.922	63	60355	53.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225472	26.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	239328	24.305	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	154642	22.453	ug/L	94
3) Chloromethane	2.229	50	195763	20.786	ug/L	100
5) Vinyl chloride	2.381	62	178344	19.809	ug/L	100
6) Bromomethane	2.783	94	114139	21.760	ug/L	100
8) Chloroethane	2.936	64	112463	20.848	ug/L	99
9) Trichlorofluoromethane	3.265	101	162001	21.926	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	190534	23.873	ug/L	99
12) 1,1-Dichloroethene	4.058	96	180688	24.132	ug/L	93
13) Acetone	4.131	43	77940	32.751	ug/L	97
14) Carbon disulfide	4.393	76	637048	23.650	ug/L	98
15) Methyl Acetate	4.673	43	123429	25.892	ug/L	98
16) Methylene chloride	4.929	84	234222	23.902	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	210190	25.157	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	334873	26.488	ug/L	100
19) 1,1-Dichloroethane	6.216	63	442866	25.754	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	232412	25.879	ug/L	98
22) 2-Butanone	7.173	43	162316	46.282	ug/L	99
23) Bromochloromethane	7.514	128	103535	26.688	ug/L	96
25) Chloroform	7.679	83	424483	25.551	ug/L	96

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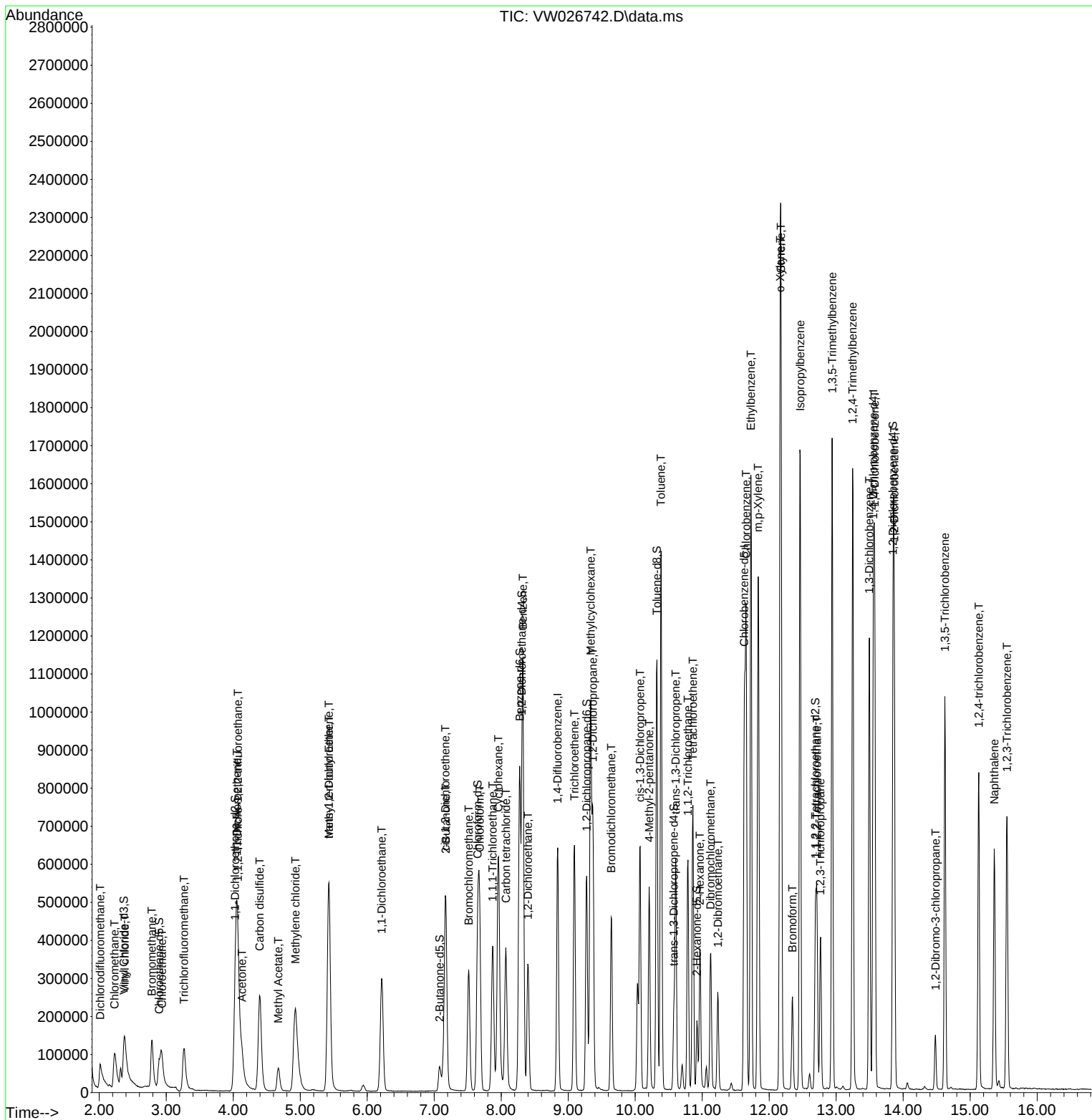
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 ClientSampleId :

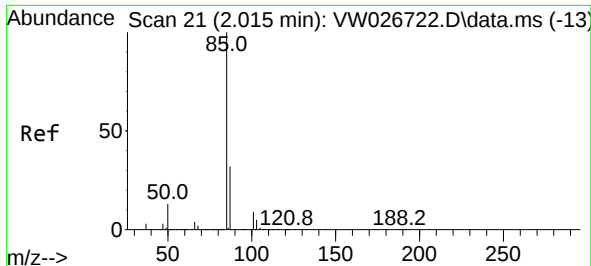
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 Quant Title : SFAM01.0
 QLast Update : Mon Aug 14 23:23:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	311242	26.855	ug/L	99
29) Cyclohexane	7.959	56	367660	23.813	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	308410	23.669	ug/L	99
31) Carbon tetrachloride	8.069	117	285141	23.934	ug/L	97
33) Benzene	8.325	78	953739	26.232	ug/L	100
34) Trichloroethene	9.093	95	227615	24.581	ug/L	99
35) Methylcyclohexane	9.337	83	392414	24.772	ug/L	98
37) 1,2-Dichloropropane	9.368	63	265978	26.708	ug/L	99
38) Bromodichloromethane	9.642	83	309184	26.466	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	372216	25.981	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	364939	56.337	ug/L	99
42) Toluene	10.386	91	982316	26.709	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	320404	25.983	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	184772	27.129	ug/L	99
46) Tetrachloroethene	10.861	164	159726	23.743	ug/L	95
48) 2-Hexanone	10.965	43	245277	55.646	ug/L	100
49) Dibromochloromethane	11.123	129	189423	26.592	ug/L	92
50) 1,2-Dibromoethane	11.233	107	169318	26.495	ug/L	100
51) Chlorobenzene	11.654	112	595971	25.653	ug/L	99
52) Ethylbenzene	11.727	91	1085490	26.319	ug/L	100
53) m,p-Xylene	11.837	106	402751	26.359	ug/L	97
54) o-Xylene	12.166	106	390244	27.366	ug/L	98
55) Styrene	12.178	104	704630	28.418	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	230620	26.737	ug/L	99
59) Bromoform	12.349	173	109243	25.348	ug/L	96
60) Isopropylbenzene	12.465	105	1037009	25.353	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	173317	25.971	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	833956	25.795	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	847082	26.738	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	447561	25.160	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	454015	24.456	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	403060	24.917	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	38667	24.034	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	289366	24.078	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	248735	24.411	ug/L	98
71) Naphthalene	15.360	128	500980	25.775	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	233449	25.401	ug/L	98

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

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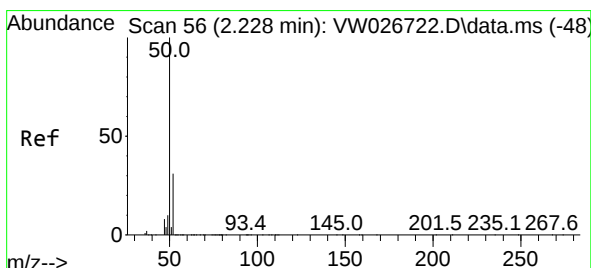
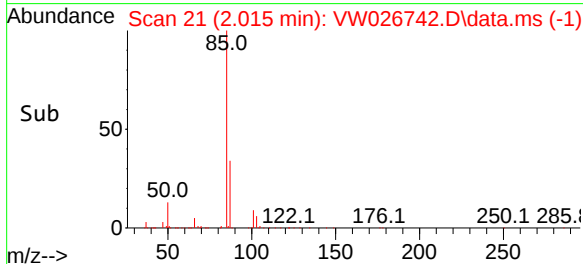
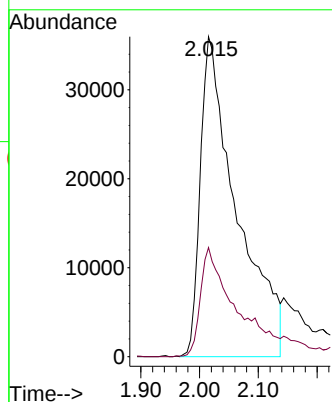
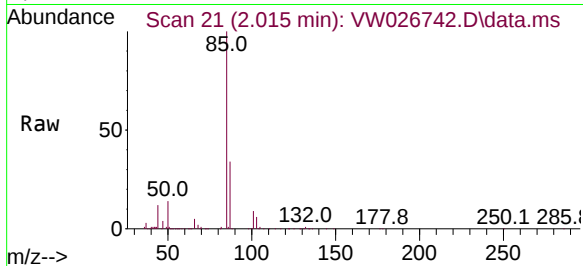




#2
 Dichlorodifluoromethane
 Concen: 22.453 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026742.D
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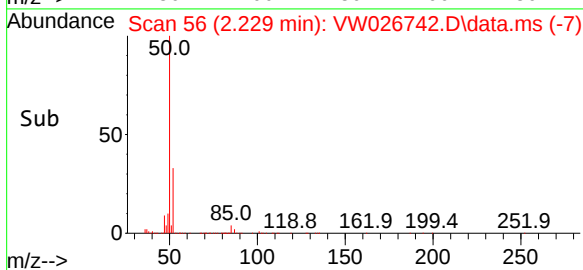
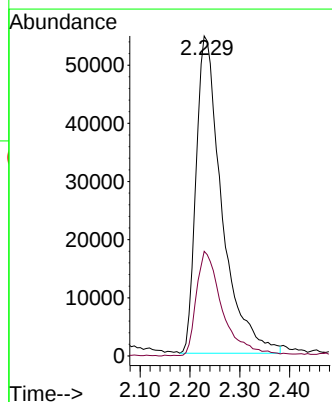
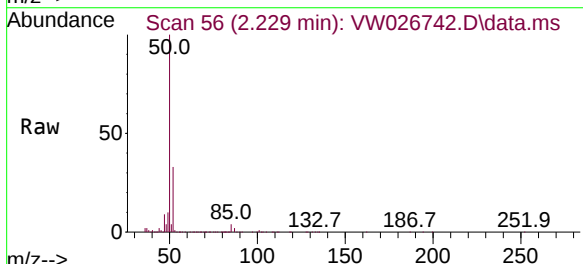
Instrument :
 MSVOA_W
 ClientSampleId :

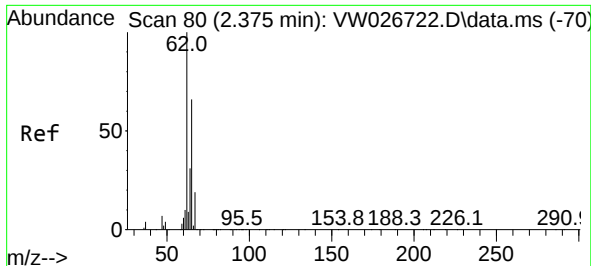
Tgt Ion: 85 Resp: 154642
 Ion Ratio Lower Upper
 85 100
 87 27.3 19.5 29.3



#3
 Chloromethane
 Concen: 20.786 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026742.D
 Acq: 14 Aug 2023 17:43

Tgt Ion: 50 Resp: 195763
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8

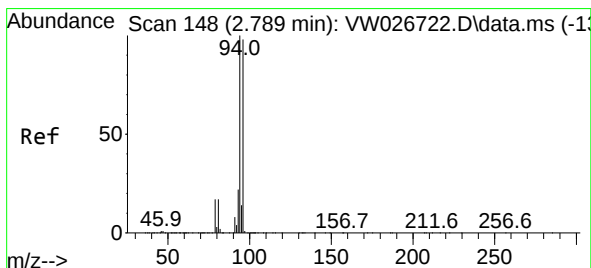
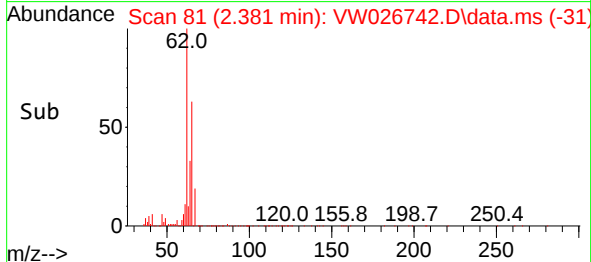
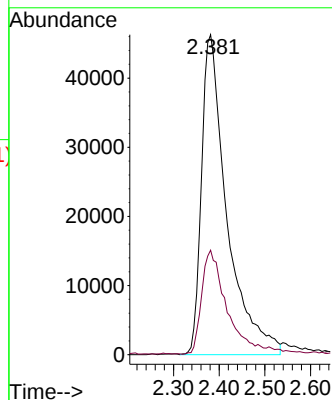
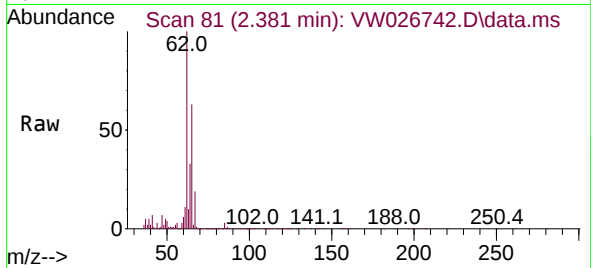




#5
 Vinyl chloride
 Concen: 19.809 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026742.D
 Acq: 14 Aug 2023 17:43

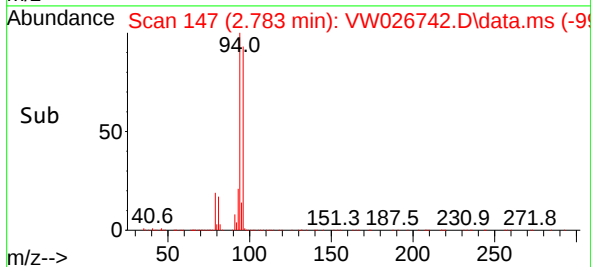
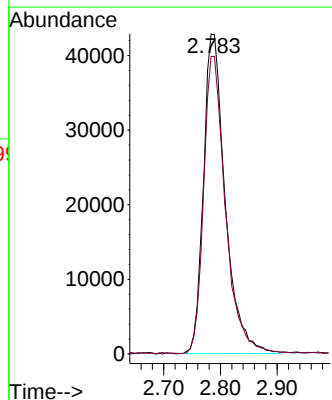
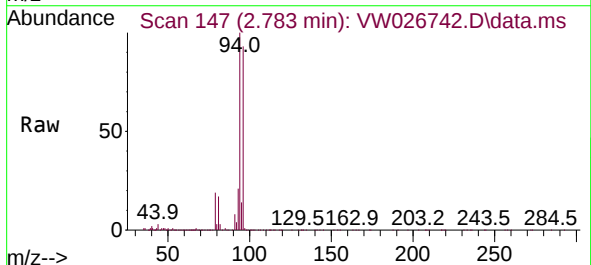
Instrument :
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 ClientSampleId :

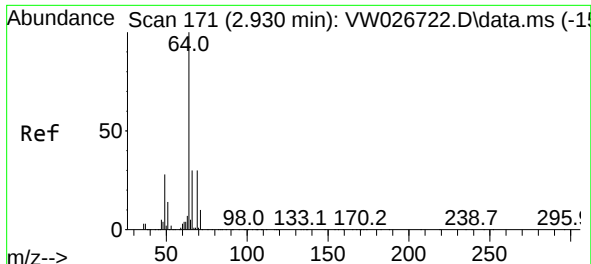
Tgt Ion: 62 Resp: 178344
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.7 42.3



#6
 Bromomethane
 Concen: 21.760 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026742.D
 Acq: 14 Aug 2023 17:43

Tgt Ion: 94 Resp: 114139
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.8 120.3

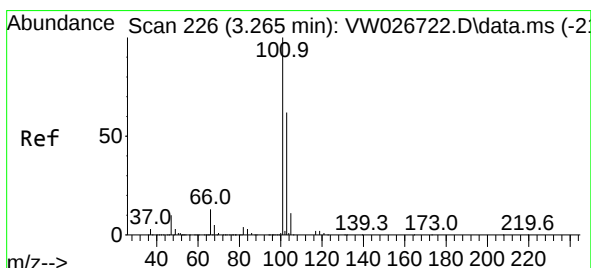
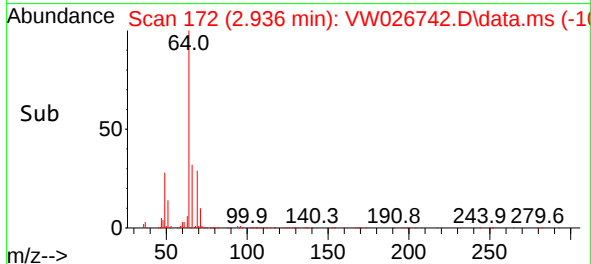
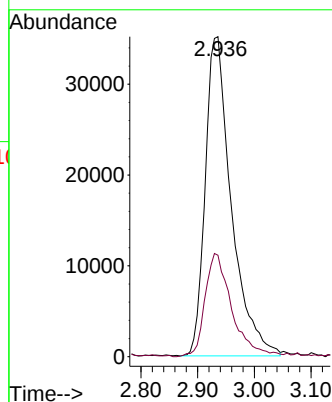
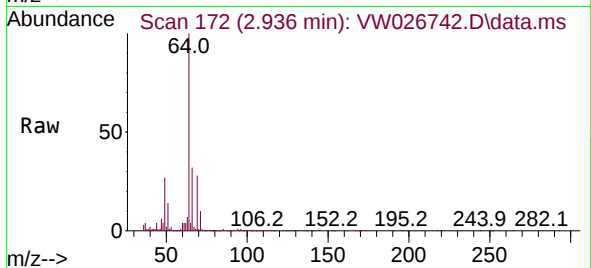




#8
Chloroethane
Concen: 20.848 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

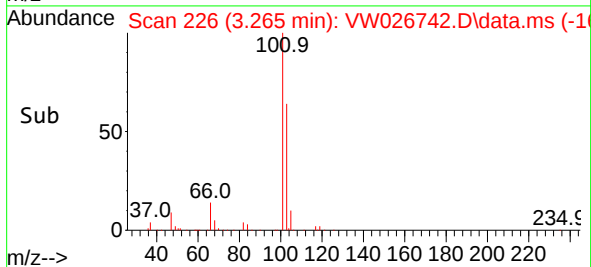
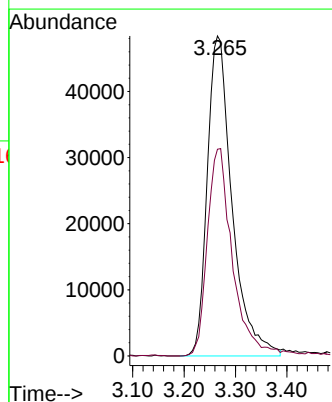
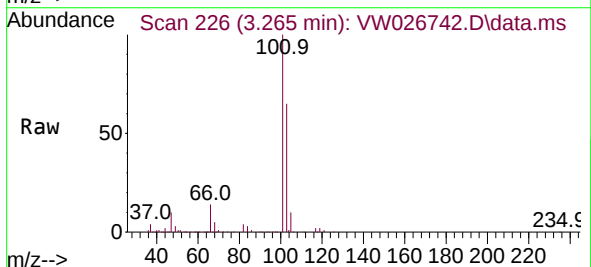
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ClientSampleId :

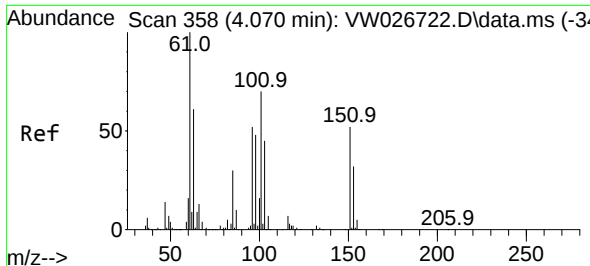
Tgt Ion: 64 Resp: 112463
Ion Ratio Lower Upper
64 100
66 31.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.926 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

Tgt Ion:101 Resp: 162001
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9

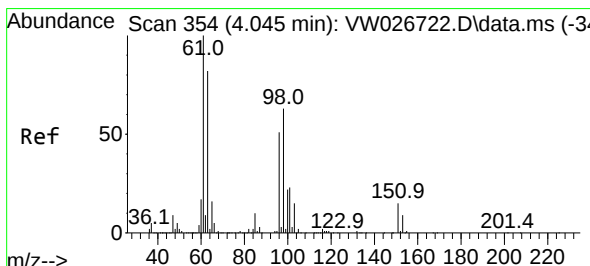
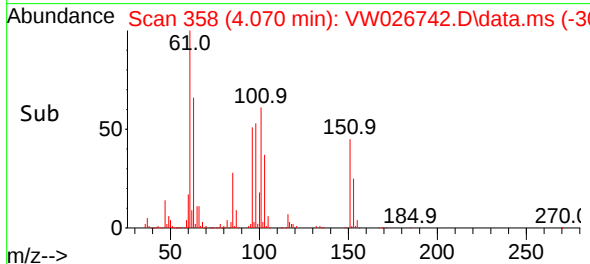
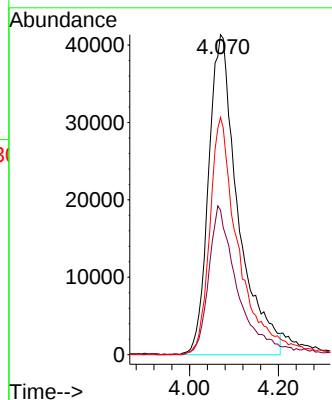
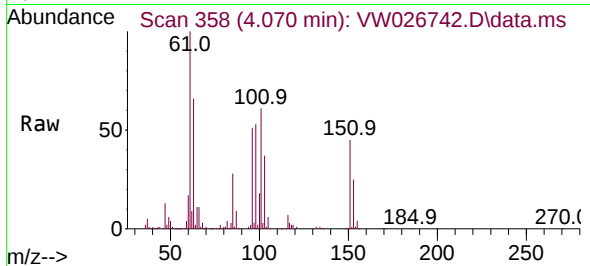




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.873 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026742.D
 Acq: 14 Aug 2023 17:43

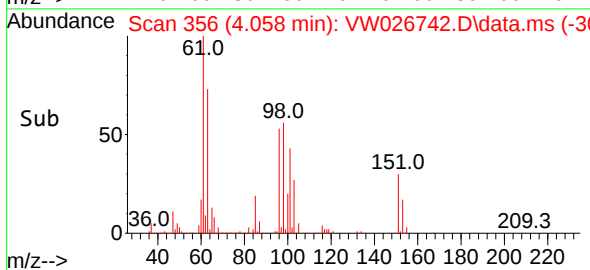
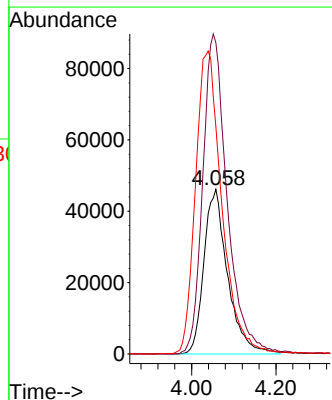
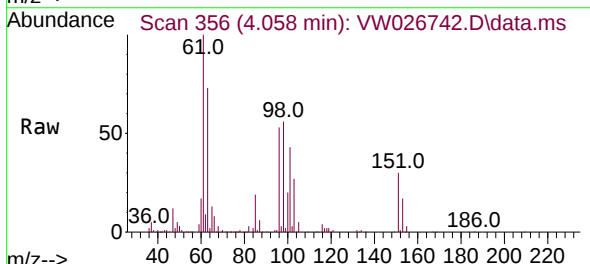
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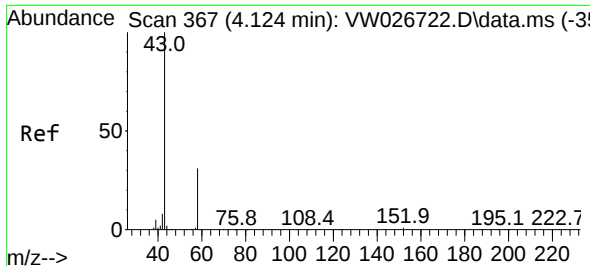
Tgt Ion:101 Resp: 190534
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.8 49.2
 151 69.4 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 24.132 ug/L
 RT: 4.058 min Scan# 356
 Delta R.T. 0.012 min
 Lab File: VW026742.D
 Acq: 14 Aug 2023 17:43

Tgt Ion: 96 Resp: 180688
 Ion Ratio Lower Upper
 96 100
 61 188.9 133.2 247.4
 63 138.1 109.0 202.4

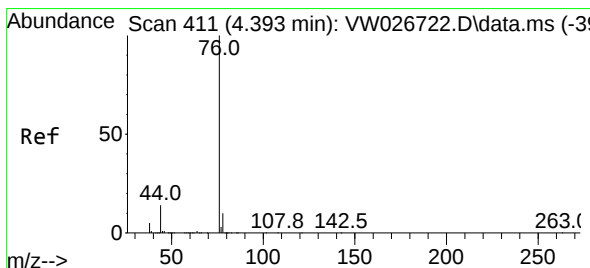
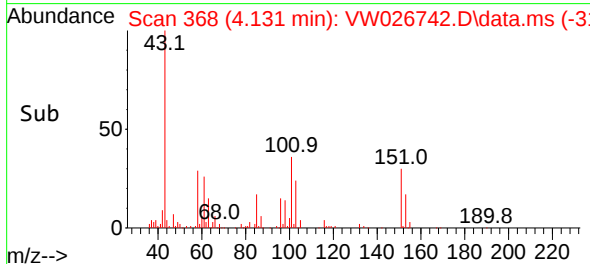
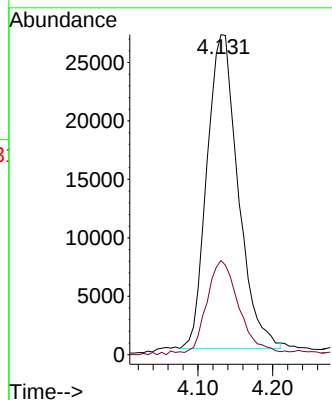
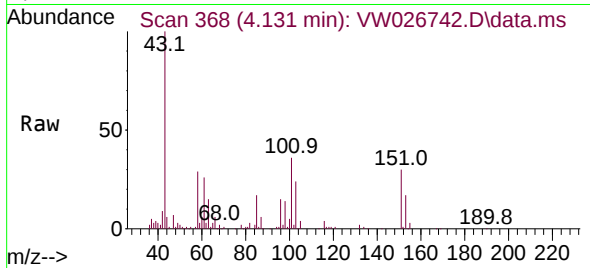




#13
Acetone
Concen: 32.751 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

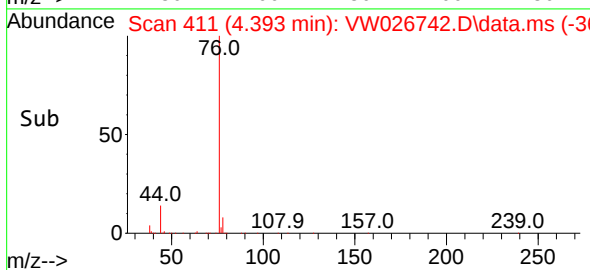
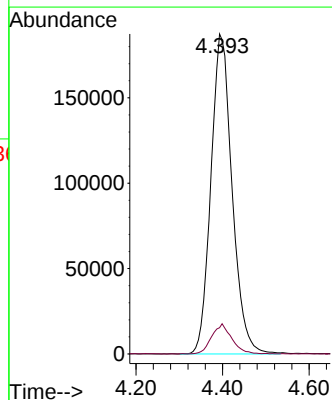
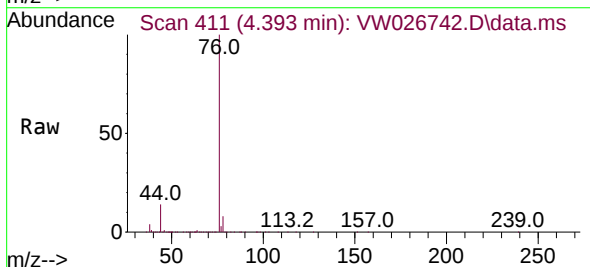
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ClientSampleId :

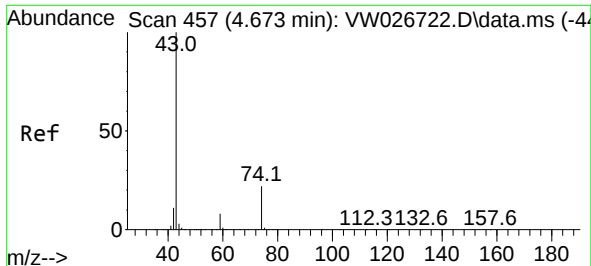
Tgt Ion: 43 Resp: 77940
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.4



#14
Carbon disulfide
Concen: 23.650 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

Tgt Ion: 76 Resp: 637048
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7

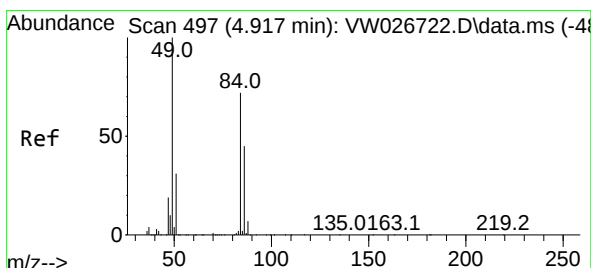
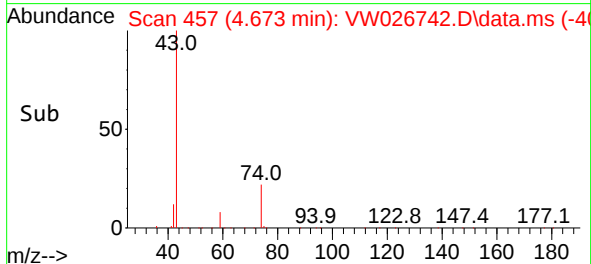
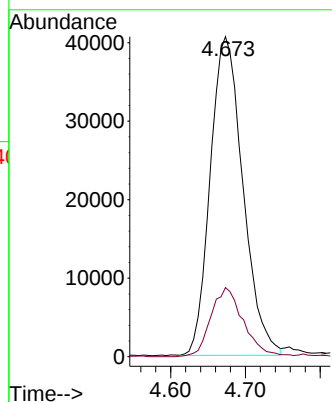
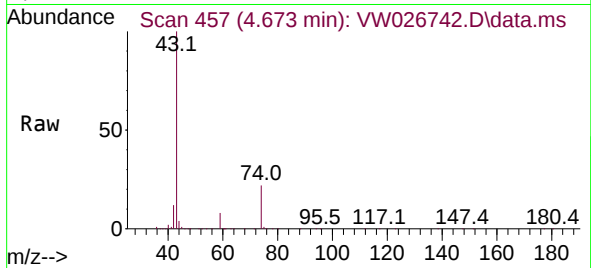




#15
Methyl Acetate
Concen: 25.892 ug/L
RT: 4.673 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

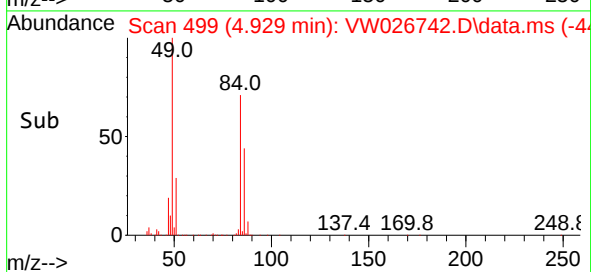
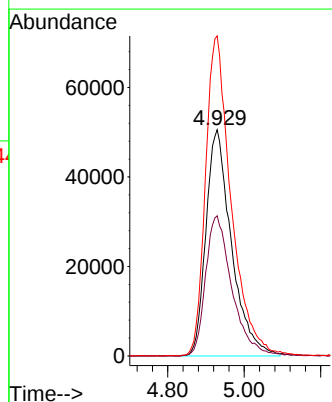
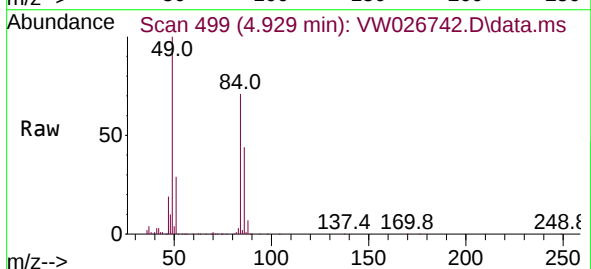
Instrument :
MSVOA_W
ClientSampleId :

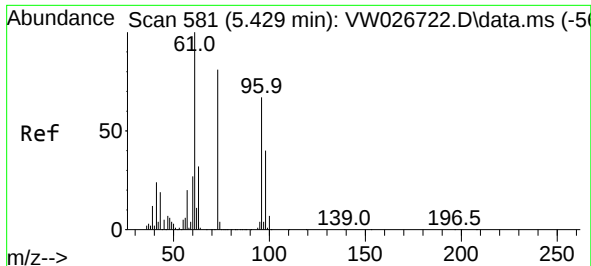
Tgt Ion: 43 Resp: 123429
Ion Ratio Lower Upper
43 100
74 21.5 16.4 24.6



#16
Methylene chloride
Concen: 23.902 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

Tgt Ion: 84 Resp: 234222
Ion Ratio Lower Upper
84 100
86 61.9 43.5 80.9
49 141.4 96.0 178.2

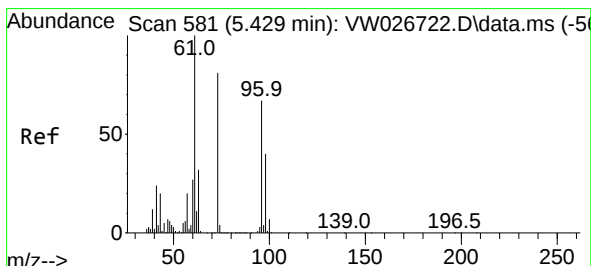
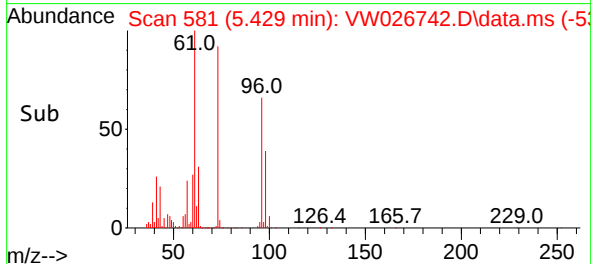
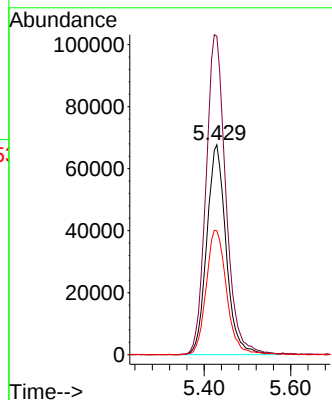
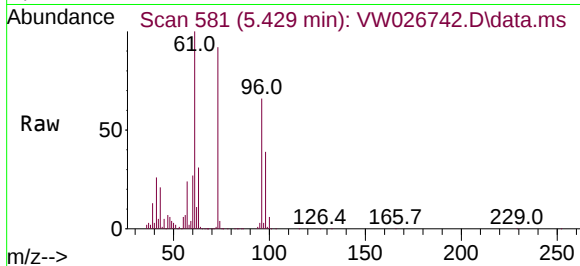




#17
trans-1,2-Dichloroethene
Concen: 25.157 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

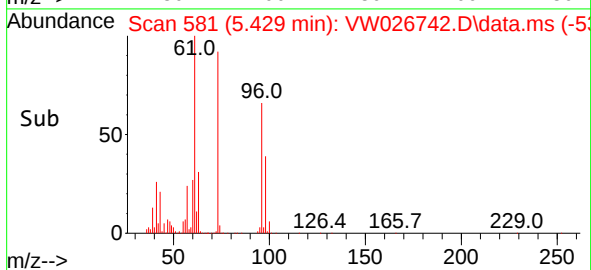
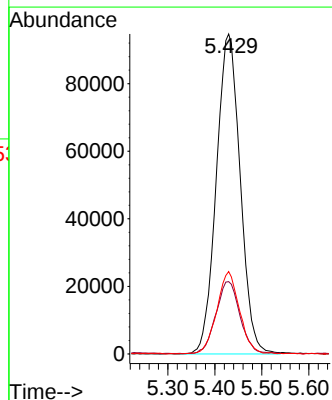
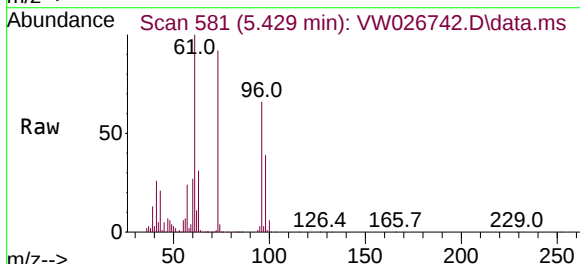
Instrument :
MSVOA_W
ClientSampleId :

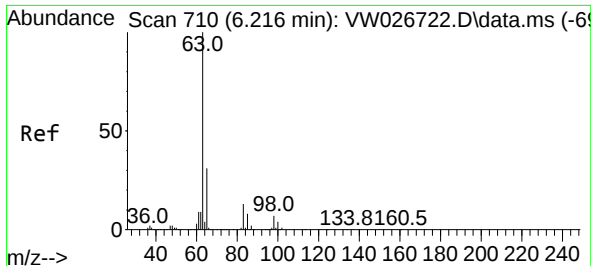
Tgt Ion: 96 Resp: 210190
Ion Ratio Lower Upper
96 100
61 151.6 109.4 203.2
98 59.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.488 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

Tgt Ion: 73 Resp: 334873
Ion Ratio Lower Upper
73 100
43 22.7 18.0 27.0
57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.754 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

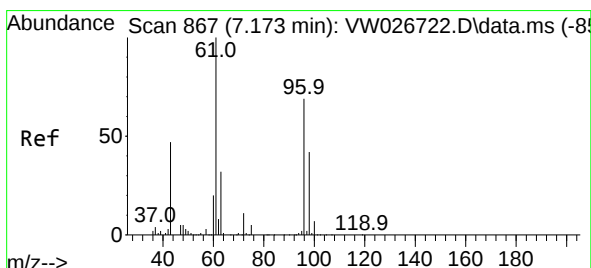
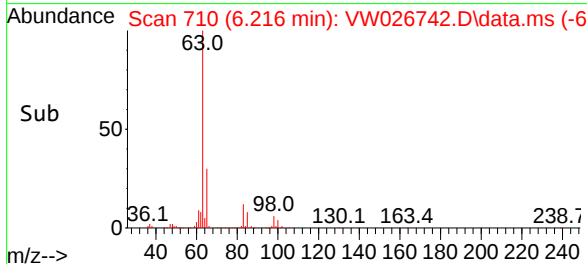
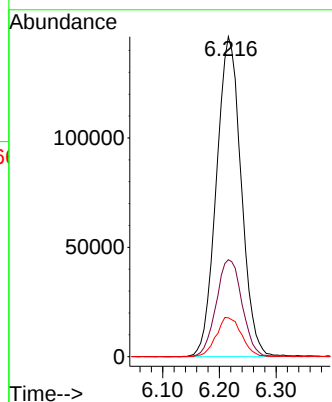
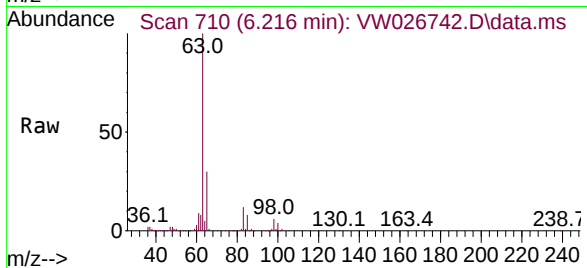
Tgt Ion: 63 Resp: 442866

Ion Ratio Lower Upper

63 100

65 30.3 21.8 40.6

83 12.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.879 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

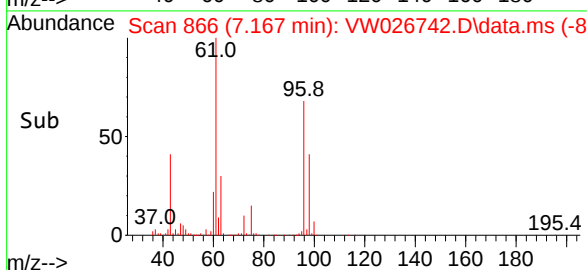
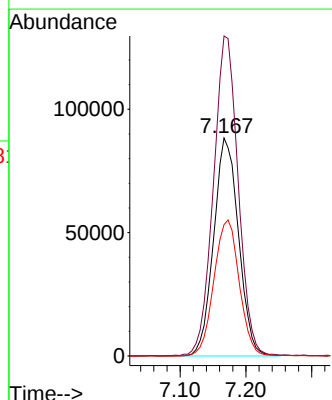
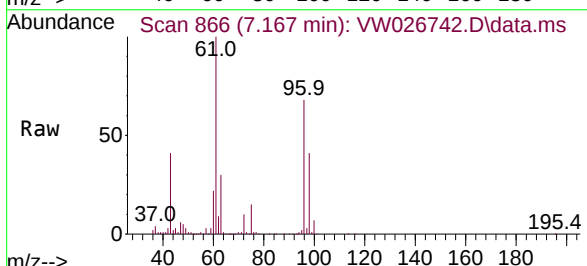
Tgt Ion: 96 Resp: 232412

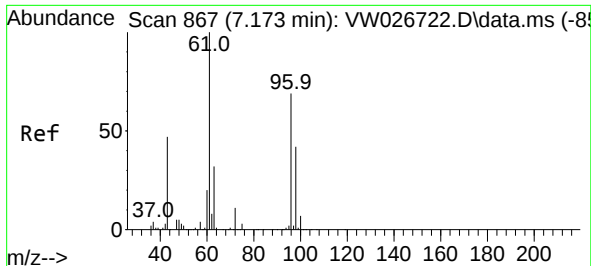
Ion Ratio Lower Upper

96 100

61 146.8 101.2 188.0

98 60.3 43.8 81.3

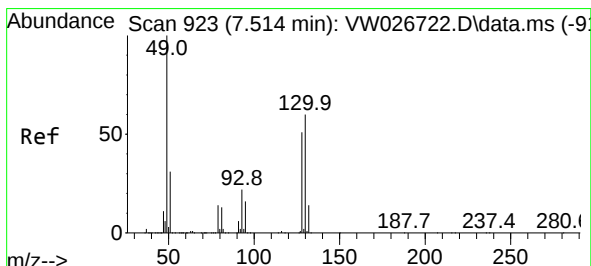
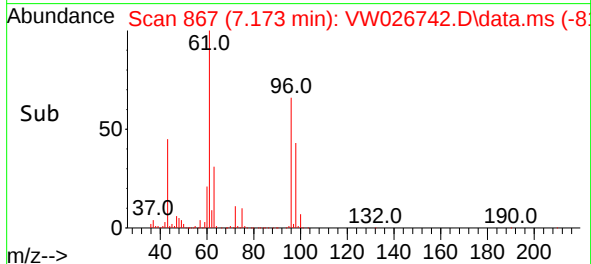
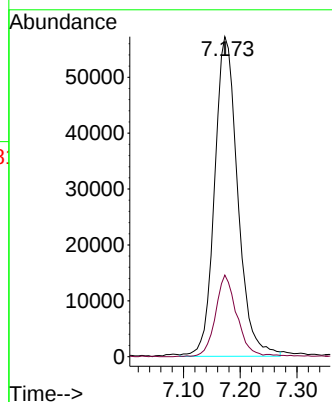
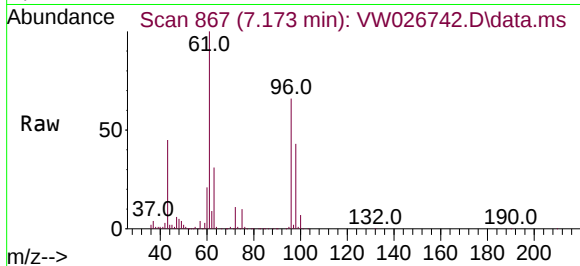




#22
2-Butanone
Concen: 46.282 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

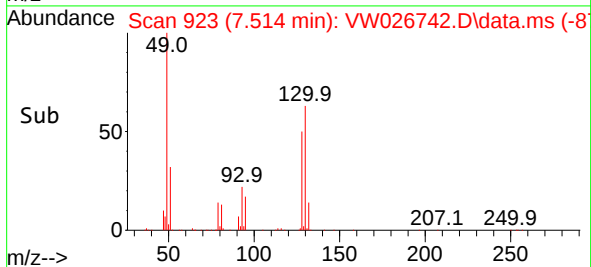
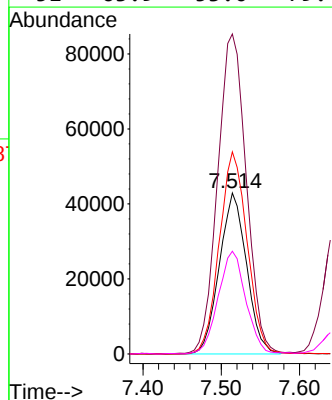
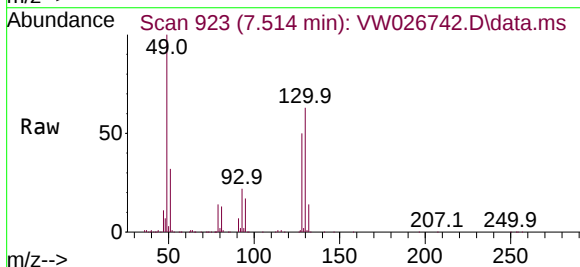
Instrument :
MSVOA_W
ClientSampleId :

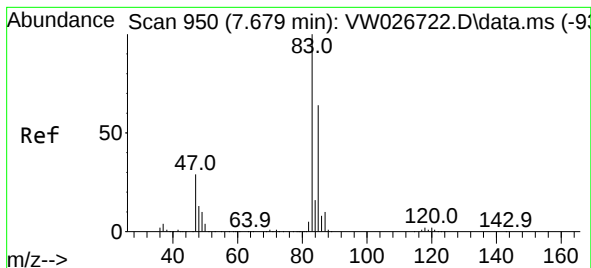
Tgt Ion: 43 Resp: 162316
Ion Ratio Lower Upper
43 100
72 22.9 11.8 35.4



#23
Bromochloromethane
Concen: 26.688 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

Tgt Ion: 128 Resp: 103535
Ion Ratio Lower Upper
128 100
49 198.9 143.1 265.7
130 125.6 91.8 170.4
51 63.9 53.0 79.4





#25

Chloroform

Concen: 25.551 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

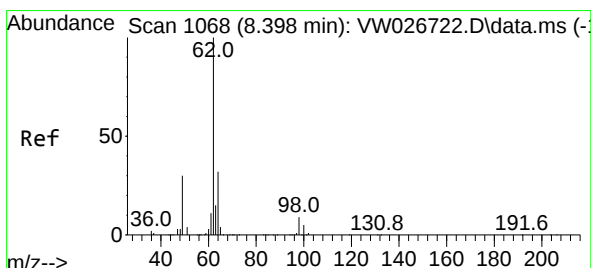
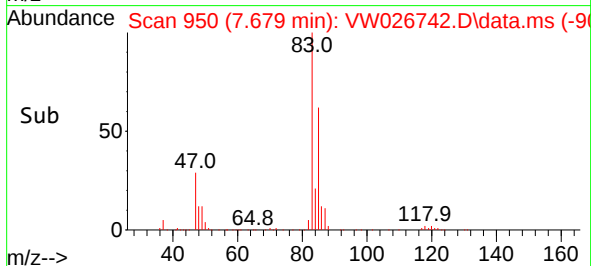
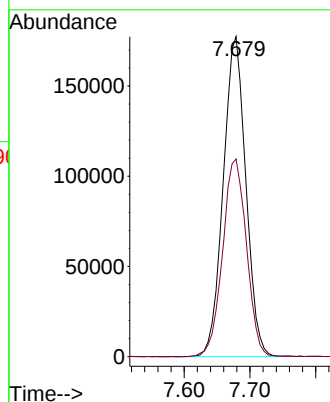
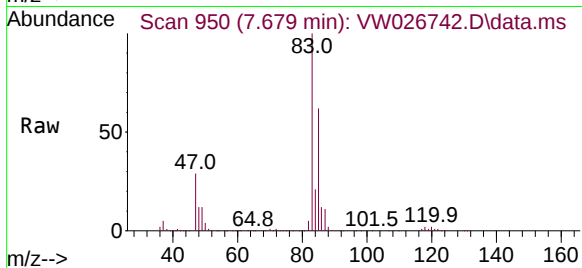
ClientSampleId :

Tgt Ion: 83 Resp: 424483

Ion Ratio Lower Upper

83 100

85 61.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 26.855 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026742.D

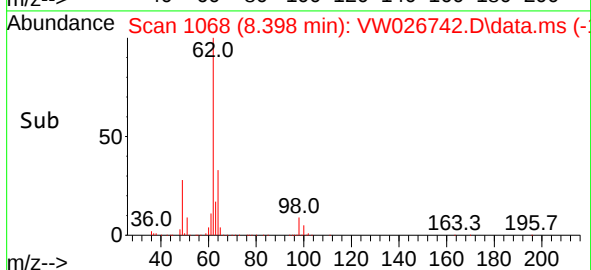
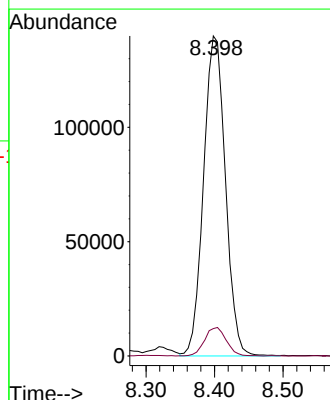
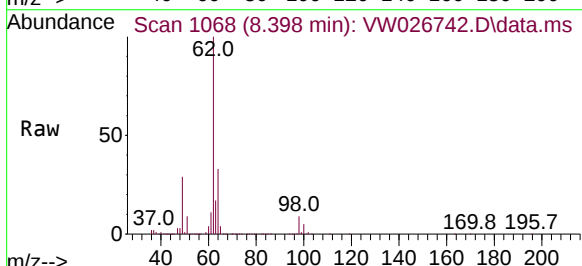
Acq: 14 Aug 2023 17:43

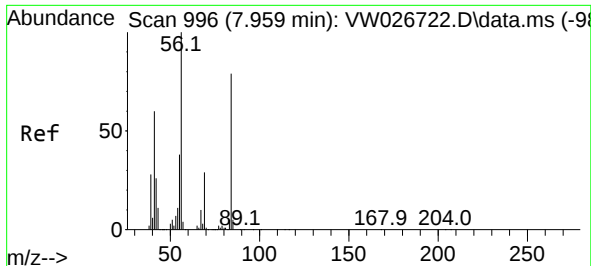
Tgt Ion: 62 Resp: 311242

Ion Ratio Lower Upper

62 100

98 8.5 7.1 10.7





#29

Cyclohexane

Concen: 23.813 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

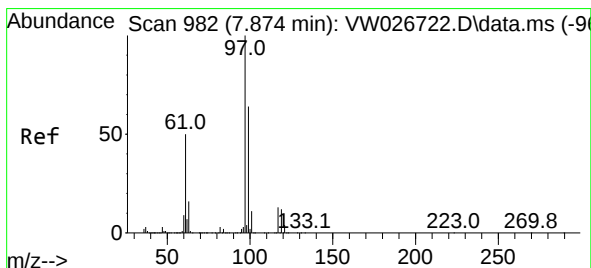
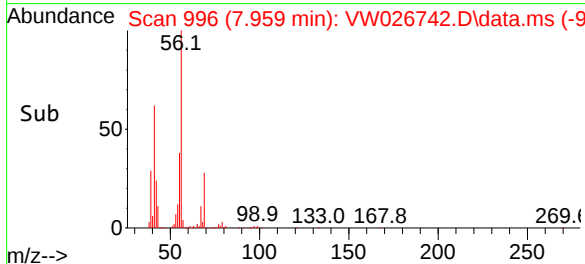
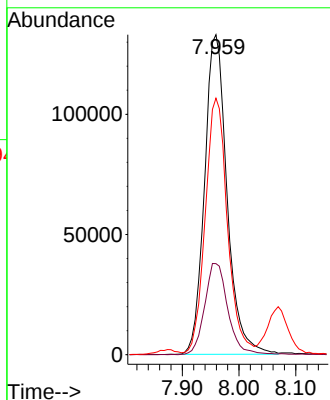
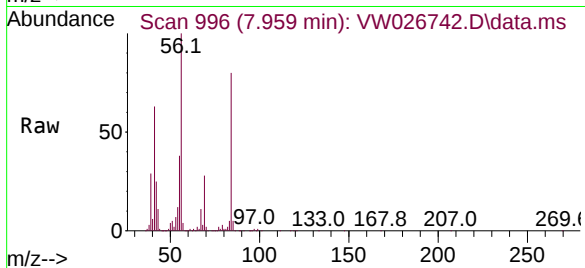
Tgt Ion: 56 Resp: 367660

Ion Ratio Lower Upper

56 100

69 29.3 23.2 34.8

84 78.8 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 23.669 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

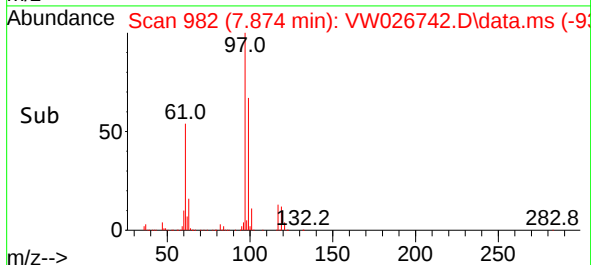
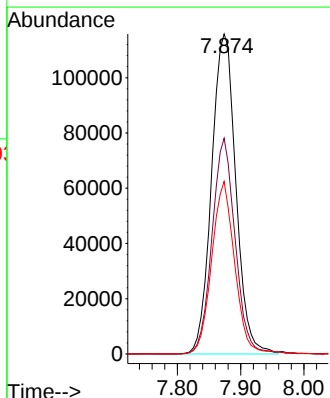
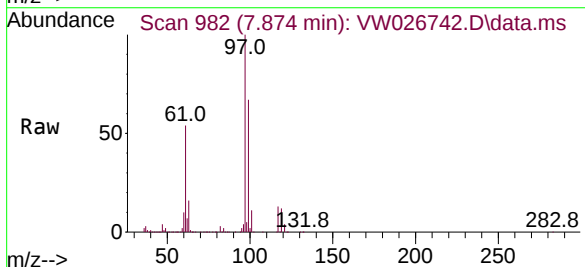
Tgt Ion: 97 Resp: 308410

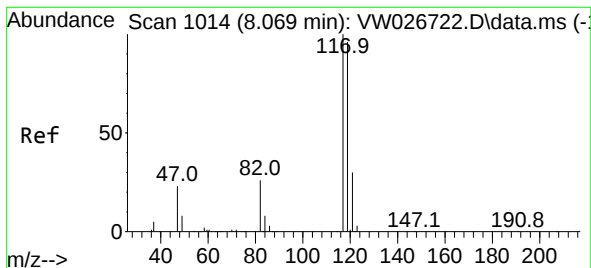
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 50.6 39.2 58.8





#31

Carbon tetrachloride

Concen: 23.934 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

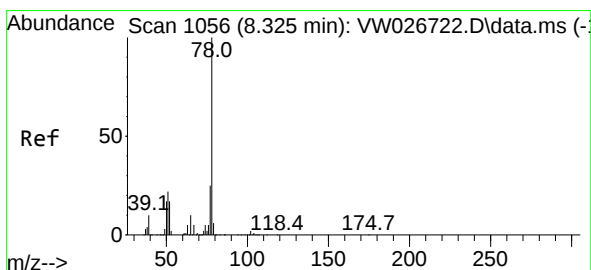
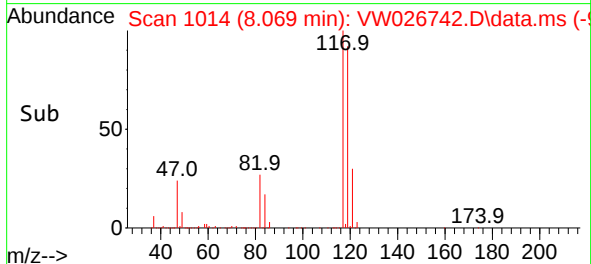
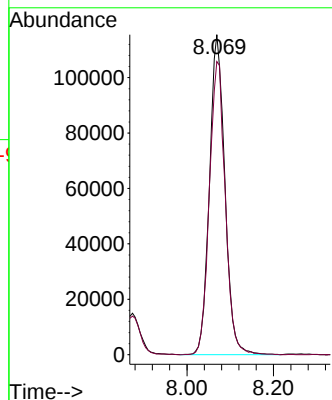
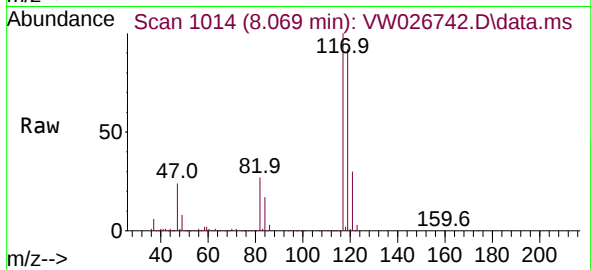
ClientSampleId :

Tgt Ion:117 Resp: 285141

Ion Ratio Lower Upper

117 100

119 94.4 73.0 109.4



#33

Benzene

Concen: 26.232 ug/L

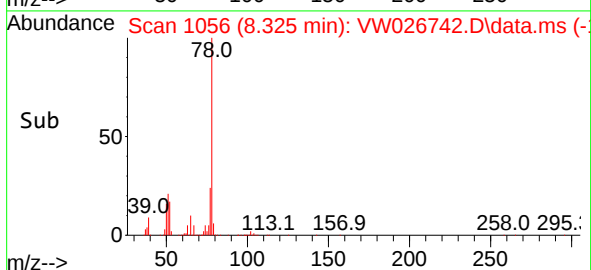
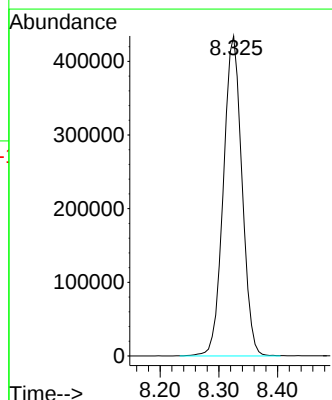
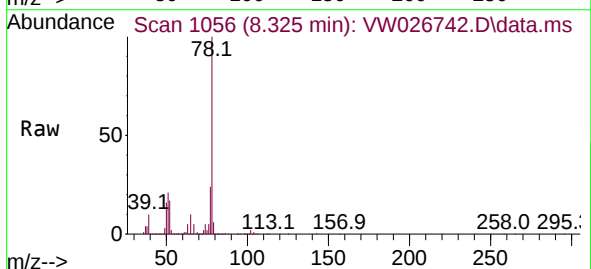
RT: 8.325 min Scan# 1056

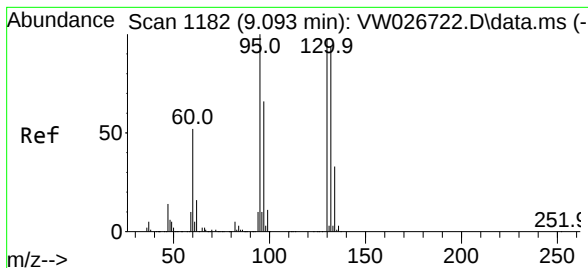
Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Tgt Ion: 78 Resp: 953739





#34

Trichloroethene

Concen: 24.581 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 227615

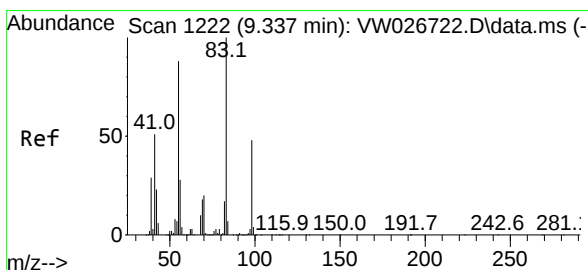
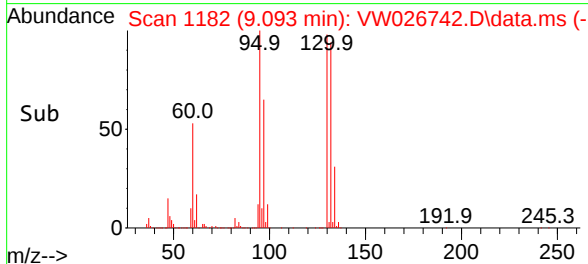
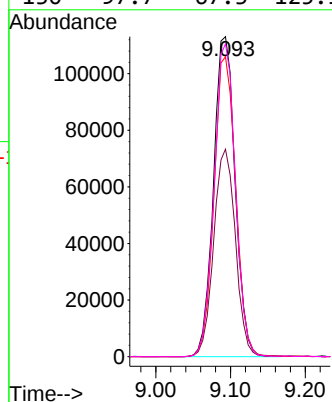
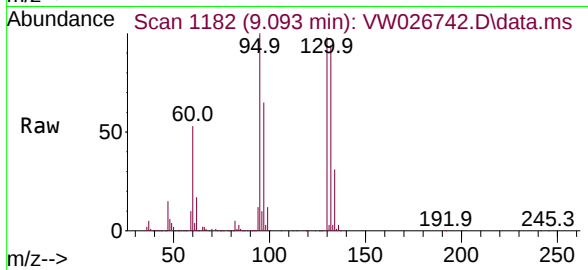
Ion Ratio Lower Upper

95 100

97 64.8 44.6 82.8

132 93.7 66.4 123.2

130 97.7 67.3 125.1



#35

Methylcyclohexane

Concen: 24.772 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

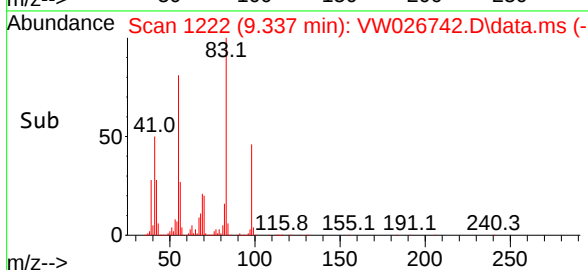
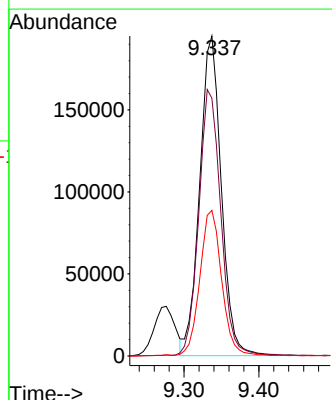
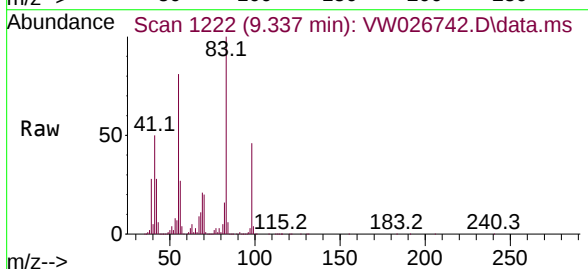
Tgt Ion: 83 Resp: 392414

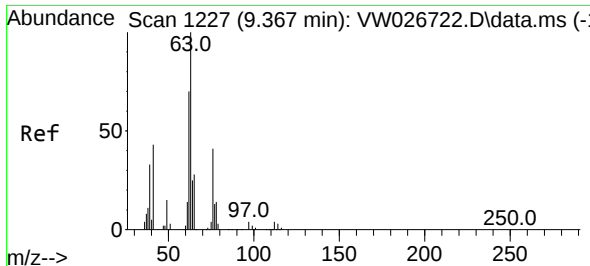
Ion Ratio Lower Upper

83 100

55 84.2 69.3 103.9

98 45.7 37.4 56.0





#37

1,2-Dichloropropane

Concen: 26.708 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

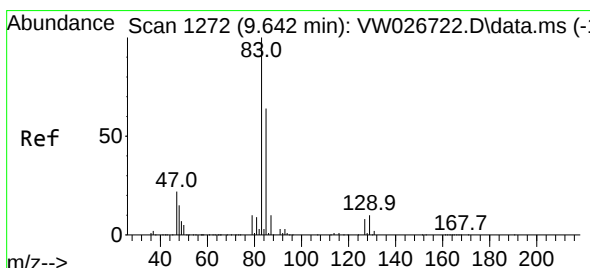
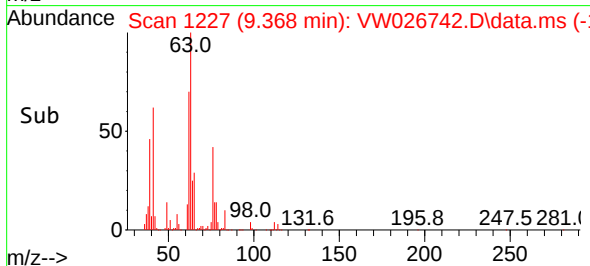
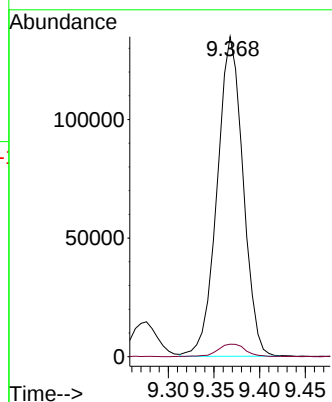
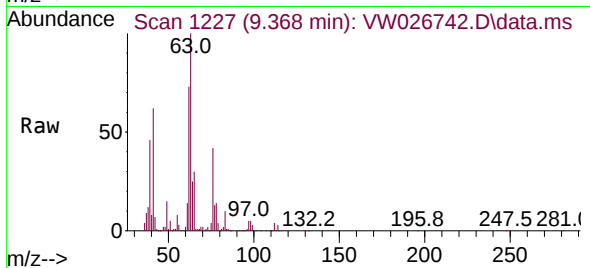
ClientSampleId :

Tgt Ion: 63 Resp: 265978

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 26.466 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

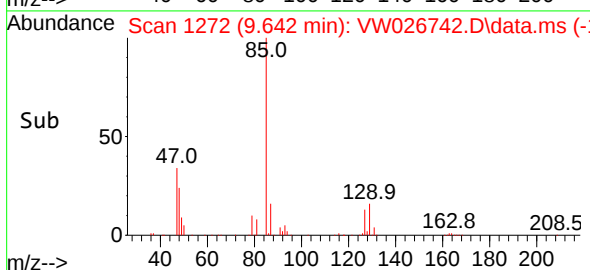
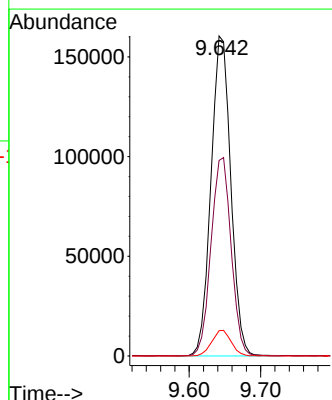
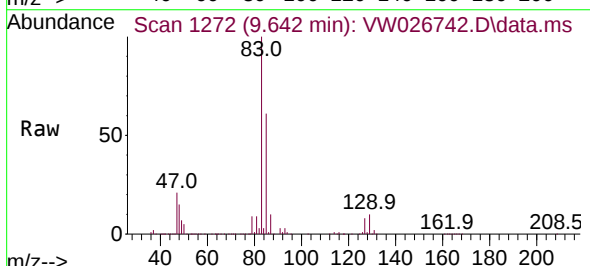
Tgt Ion: 83 Resp: 309184

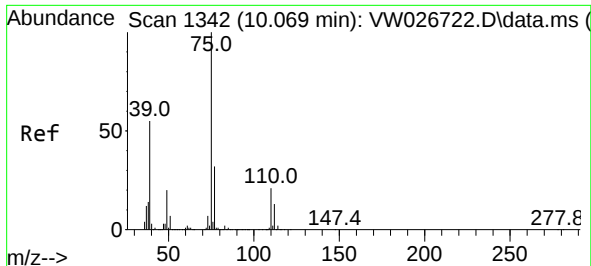
Ion Ratio Lower Upper

83 100

85 61.1 45.4 84.2

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.981 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

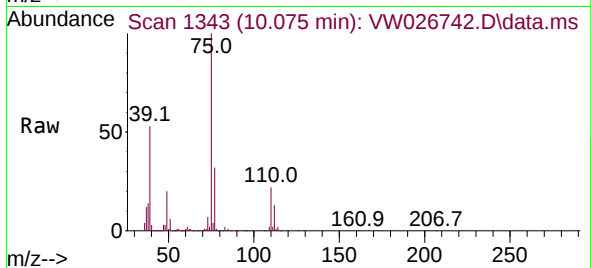
Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

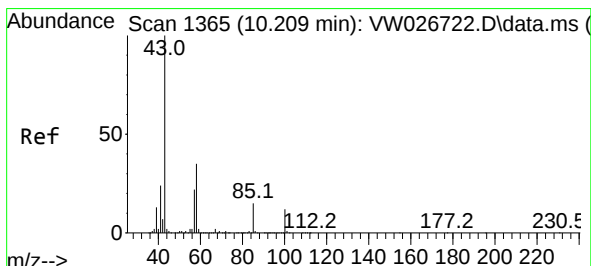
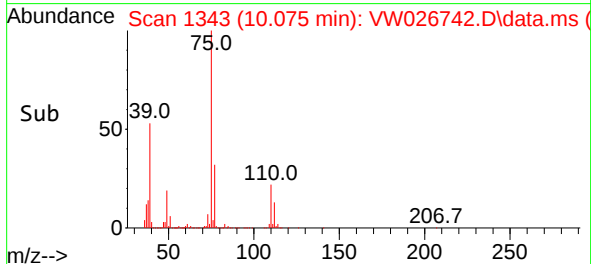
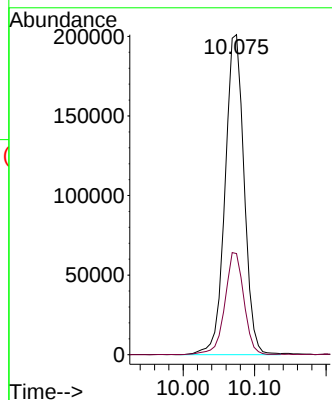


Tgt Ion: 75 Resp: 372216

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 56.337 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

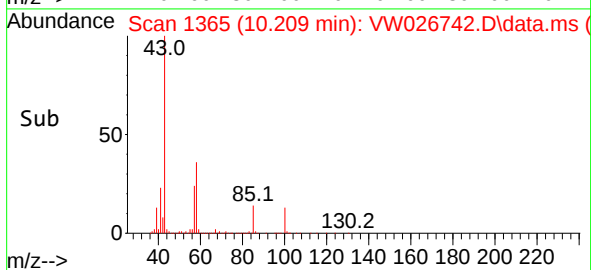
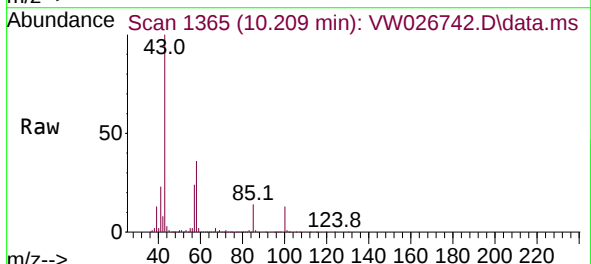
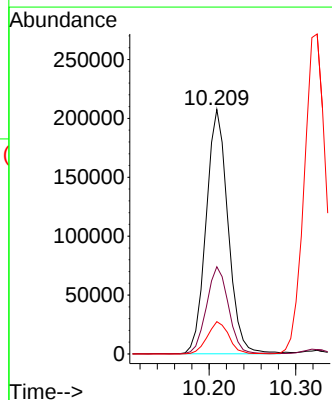
Tgt Ion: 43 Resp: 364939

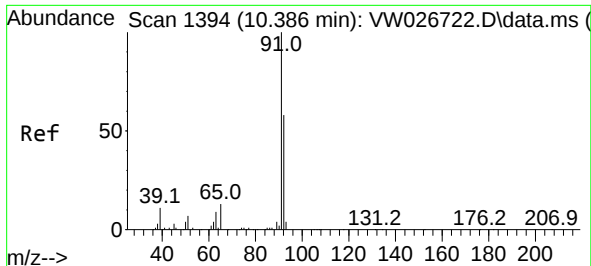
Ion Ratio Lower Upper

43 100

58 36.0 29.2 43.8

100 13.0 10.7 16.1

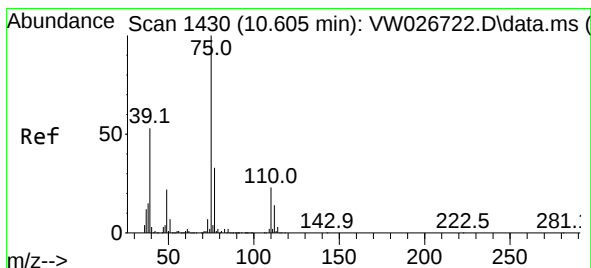
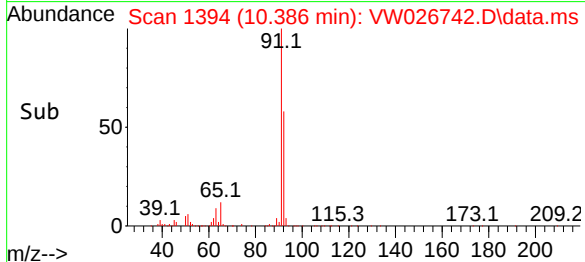
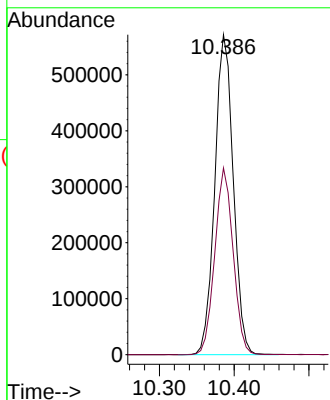
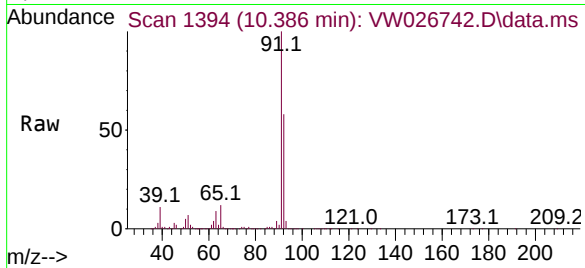




#42
Toluene
Concen: 26.709 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

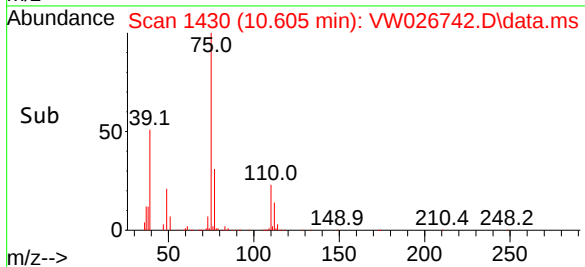
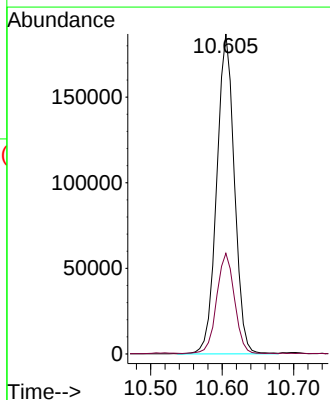
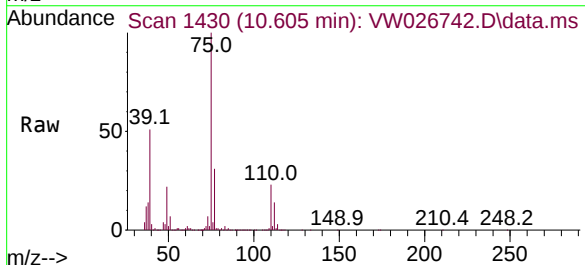
Instrument :
MSVOA_W
ClientSampleId :

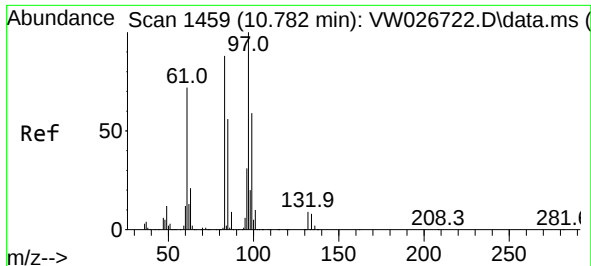
Tgt Ion: 91 Resp: 982316
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.983 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

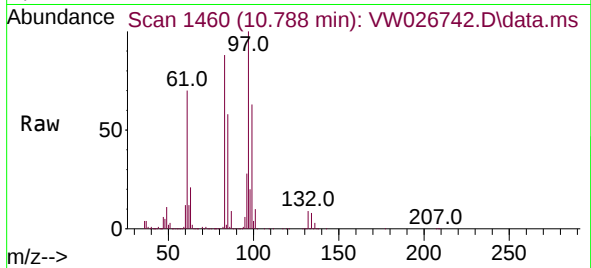
Tgt Ion: 75 Resp: 320404
Ion Ratio Lower Upper
75 100
77 31.5 21.2 39.4



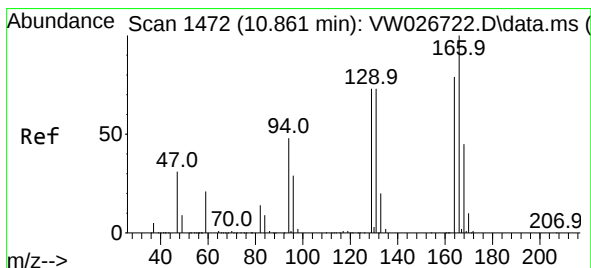
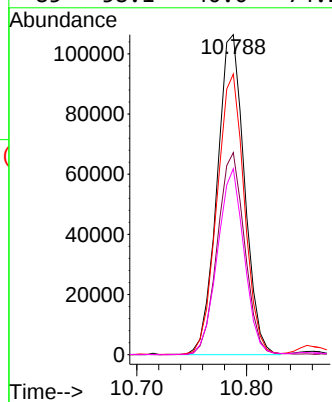
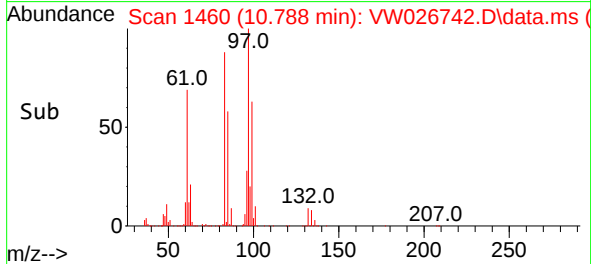


#45
1,1,2-Trichloroethane
Concen: 27.129 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

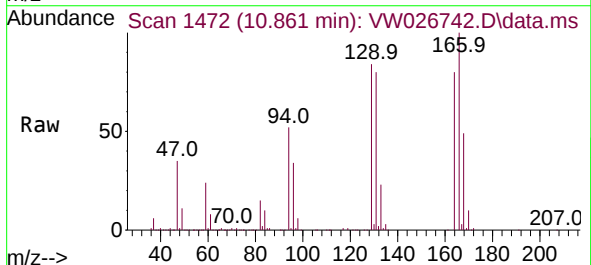
Instrument :
MSVOA_W
ClientSampleId :



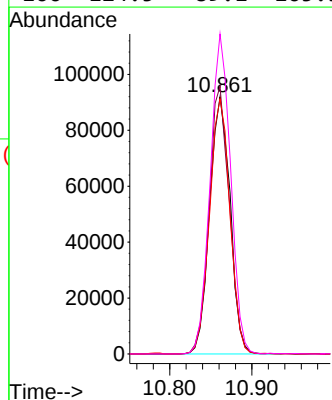
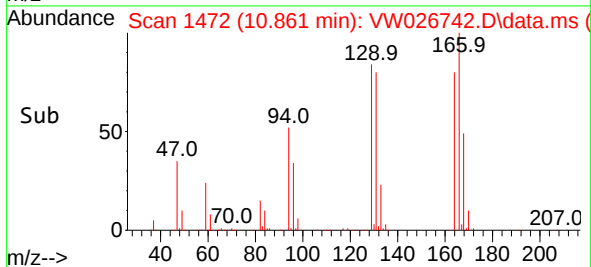
Tgt Ion: 97 Resp: 184772
Ion Ratio Lower Upper
97 100
99 63.1 44.2 82.0
83 87.7 61.9 114.9
85 58.1 40.0 74.2

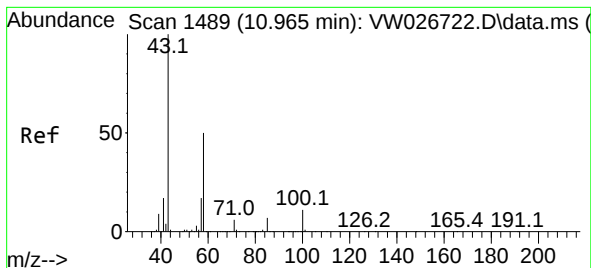


#46
Tetrachloroethene
Concen: 23.743 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43



Tgt Ion: 164 Resp: 159726
Ion Ratio Lower Upper
164 100
129 104.1 68.1 126.5
131 99.3 65.5 121.7
166 124.5 89.1 165.5





#48

2-Hexanone

Concen: 55.646 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 245277

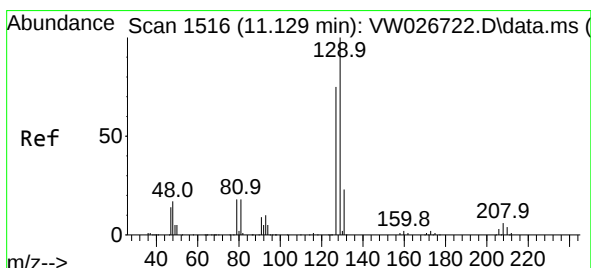
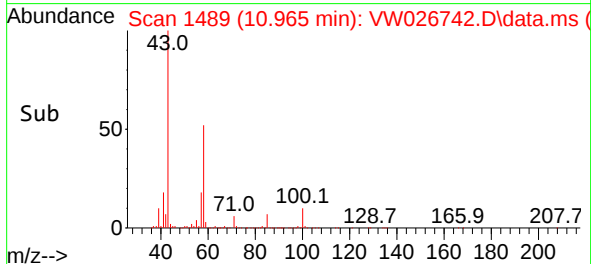
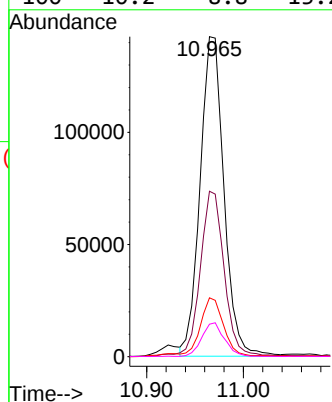
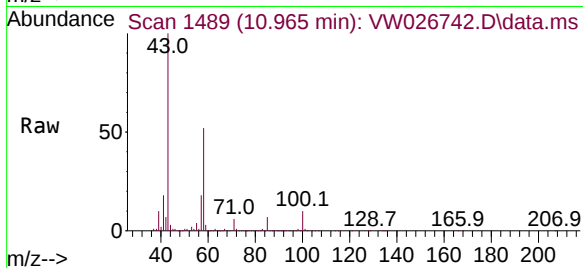
Ion Ratio Lower Upper

43 100

58 51.4 41.1 61.7

57 17.6 14.3 21.5

100 10.2 8.8 13.2



#49

Dibromochloromethane

Concen: 26.592 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW026742.D

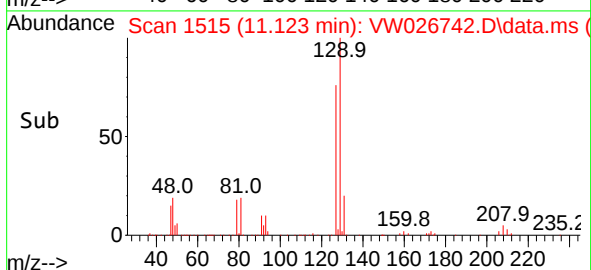
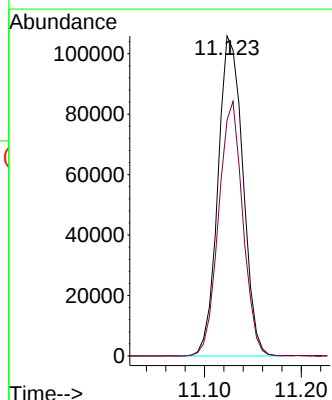
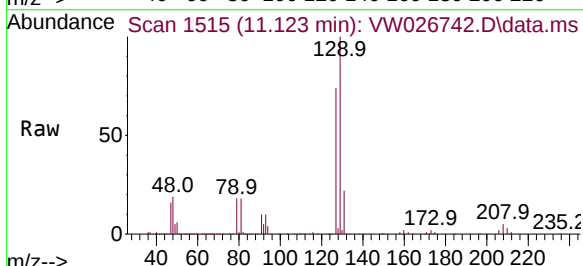
Acq: 14 Aug 2023 17:43

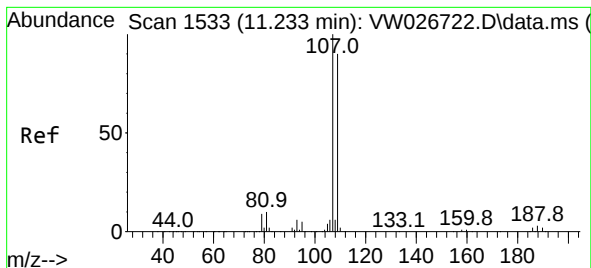
Tgt Ion: 129 Resp: 189423

Ion Ratio Lower Upper

129 100

127 73.8 56.6 105.2





#50

1,2-Dibromoethane

Concen: 26.495 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

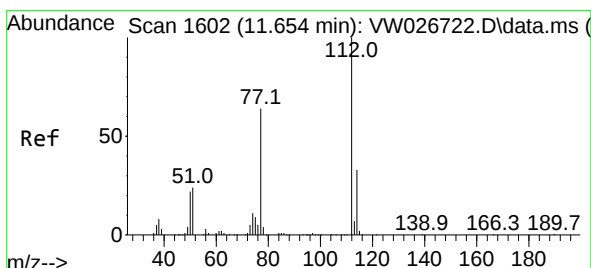
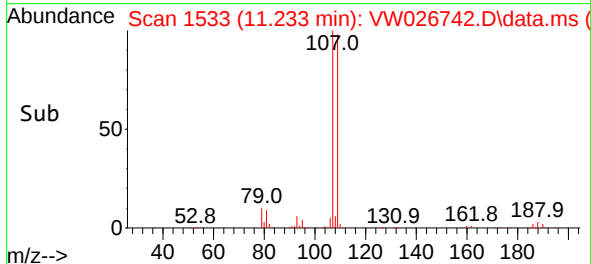
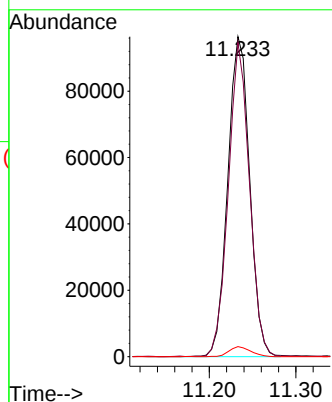
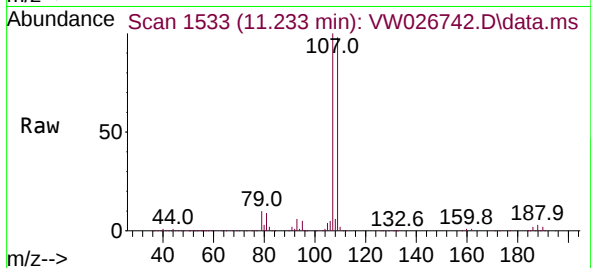
Tgt Ion:107 Resp: 169318

Ion Ratio Lower Upper

107 100

109 98.2 68.8 127.8

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 25.653 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

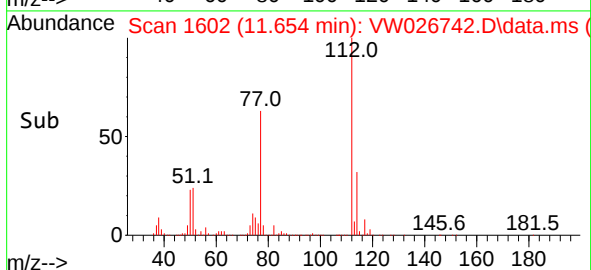
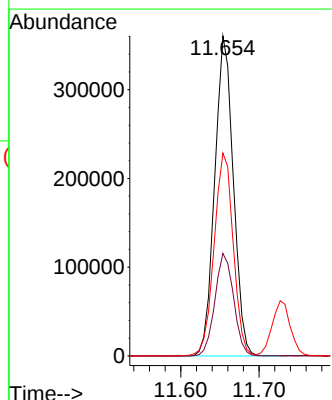
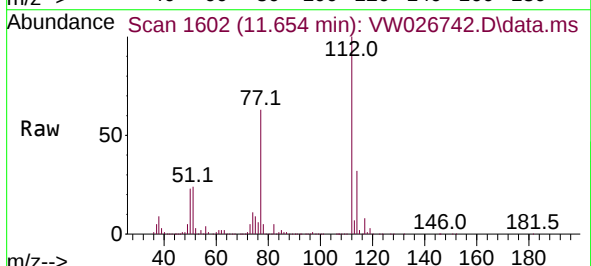
Tgt Ion:112 Resp: 595971

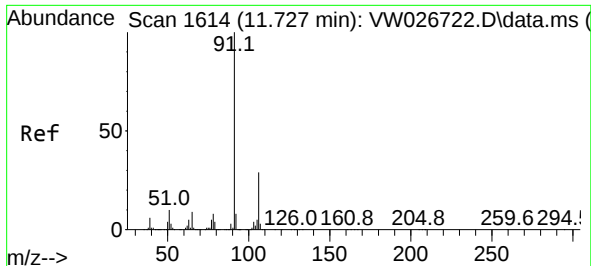
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 63.4 50.2 75.2

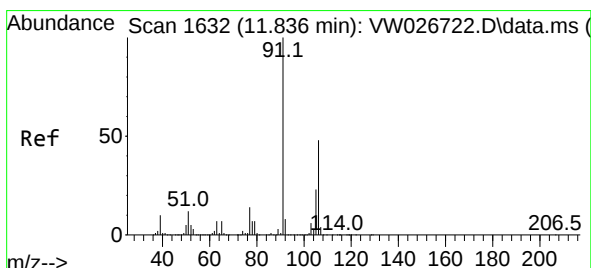
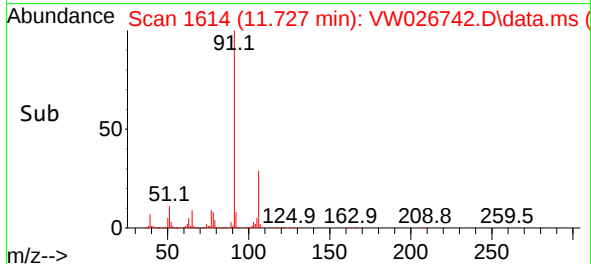
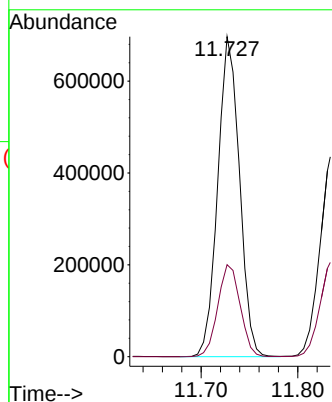
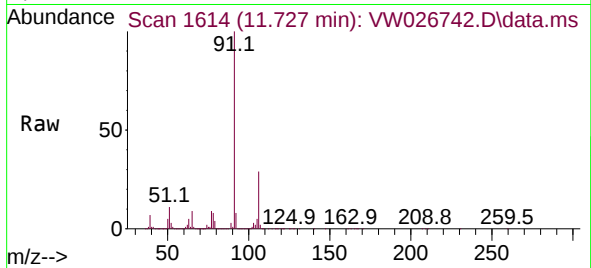




#52
Ethylbenzene
Concen: 26.319 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

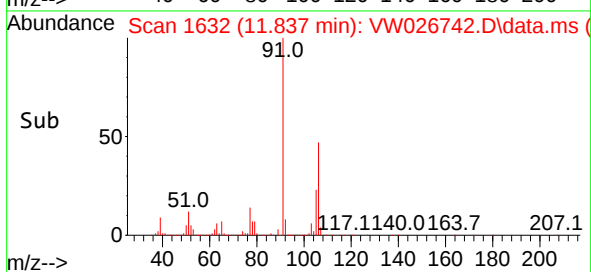
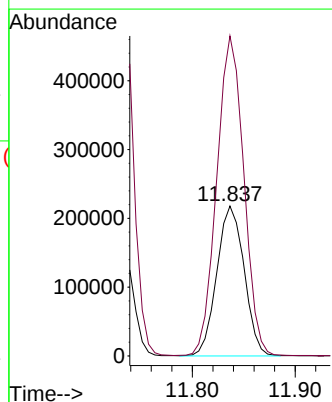
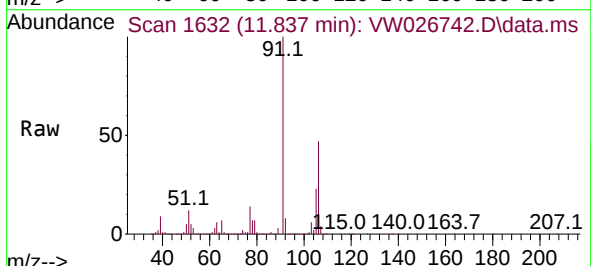
Instrument :
MSVOA_W
ClientSampleId :

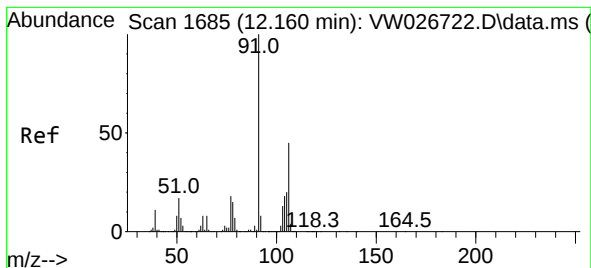
Tgt Ion: 91 Resp: 1085490
Ion Ratio Lower Upper
91 100
106 28.7 20.2 37.6



#53
m,p-Xylene
Concen: 26.359 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

Tgt Ion: 106 Resp: 402751
Ion Ratio Lower Upper
106 100
91 213.5 152.9 284.1





#54

o-Xylene

Concen: 27.366 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

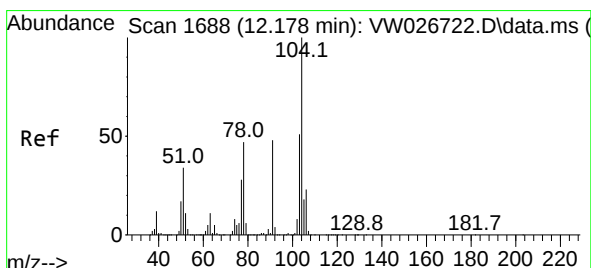
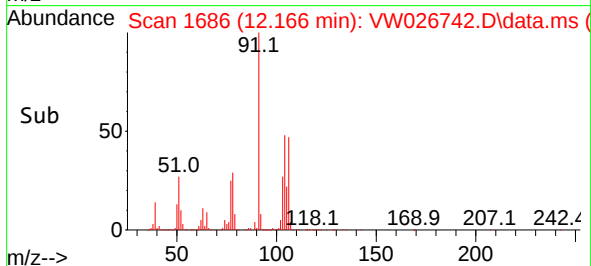
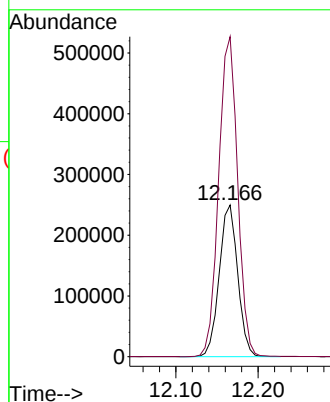
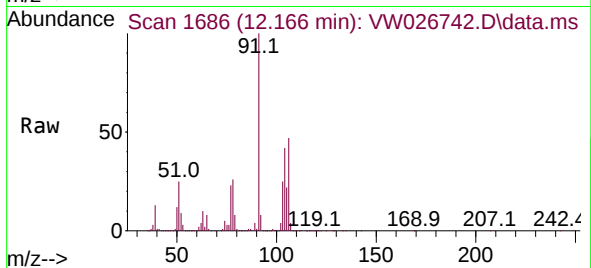
ClientSampleId :

Tgt Ion:106 Resp: 390244

Ion Ratio Lower Upper

106 100

91 211.0 149.9 278.3



#55

Styrene

Concen: 28.418 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026742.D

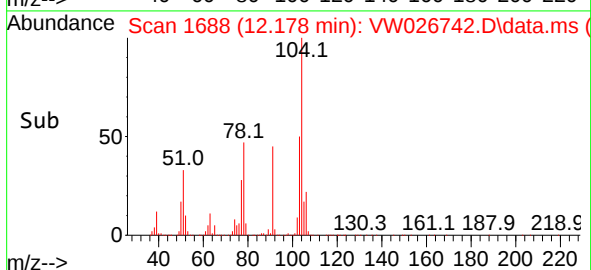
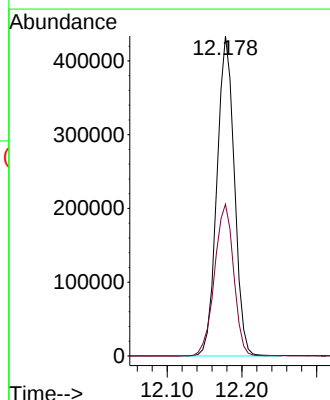
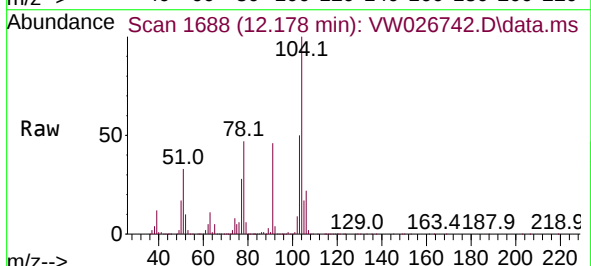
Acq: 14 Aug 2023 17:43

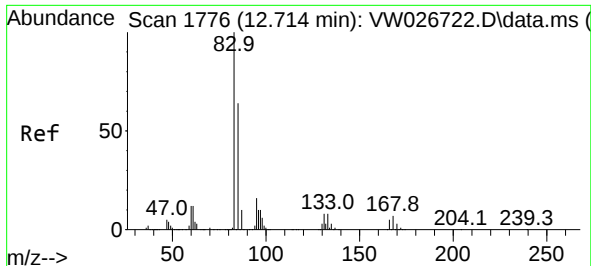
Tgt Ion:104 Resp: 704630

Ion Ratio Lower Upper

104 100

78 47.5 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 26.737 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

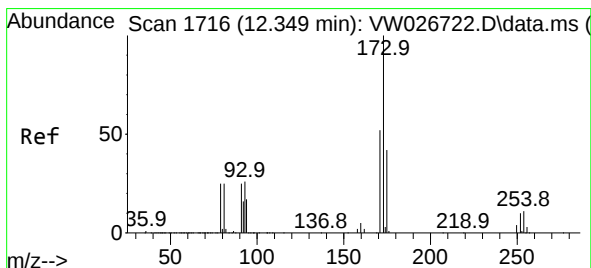
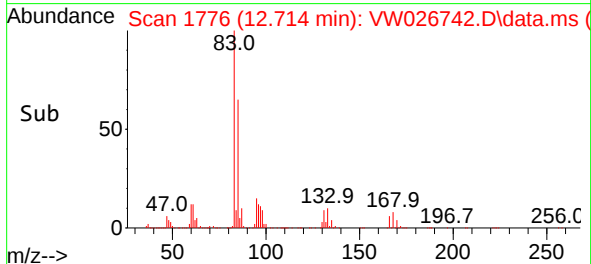
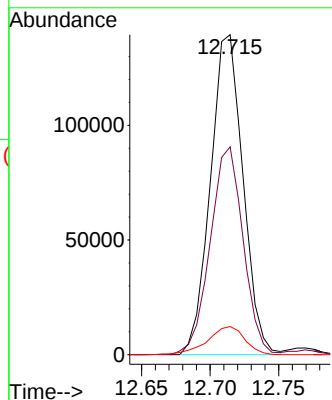
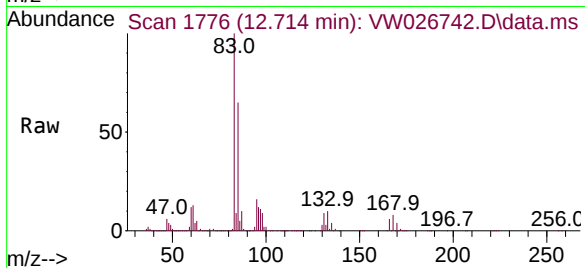
Tgt Ion: 83 Resp: 230620

Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.3

131 8.8 7.4 11.0



#59

Bromoform

Concen: 25.348 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

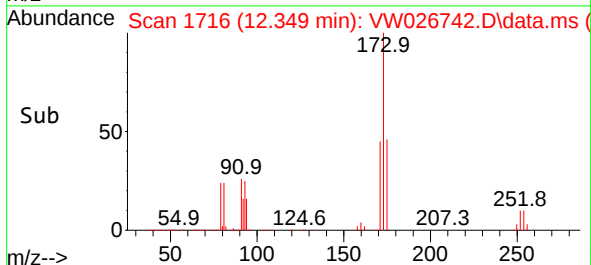
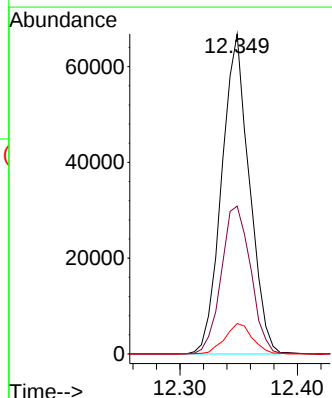
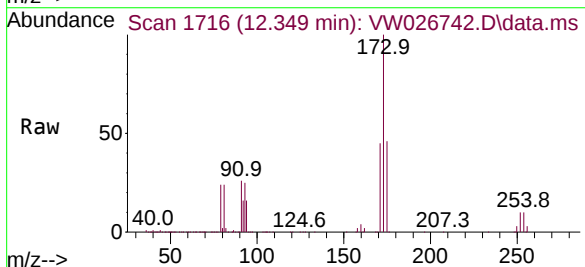
Tgt Ion:173 Resp: 109243

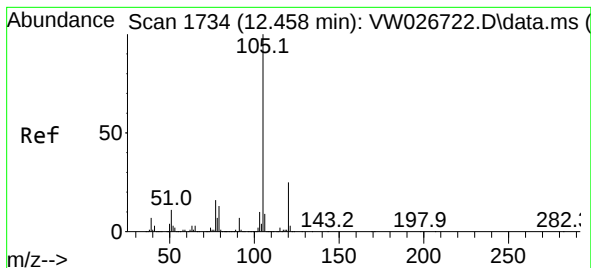
Ion Ratio Lower Upper

173 100

175 49.1 36.6 55.0

254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 25.353 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

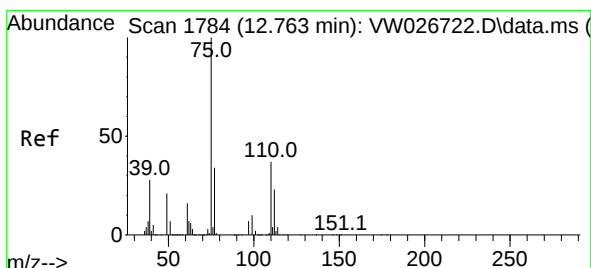
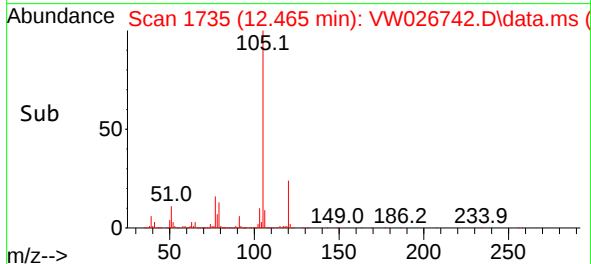
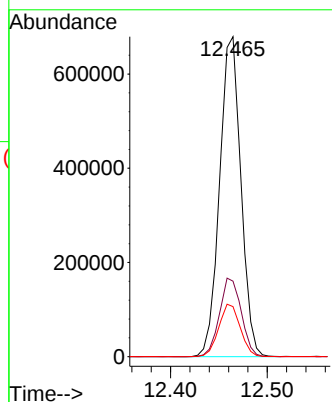
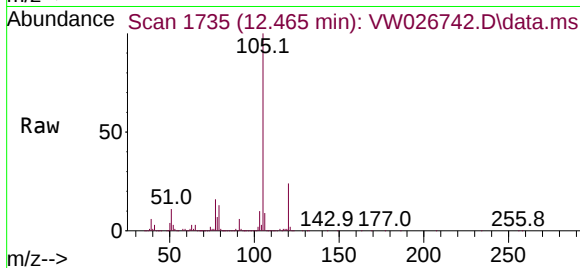
Tgt Ion:105 Resp: 1037009

Ion Ratio Lower Upper

105 100

120 25.2 21.0 31.6

77 16.5 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.971 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

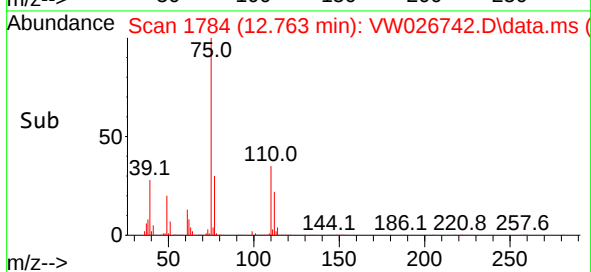
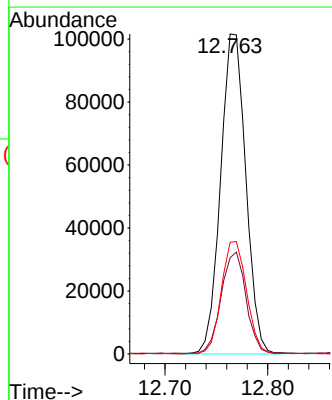
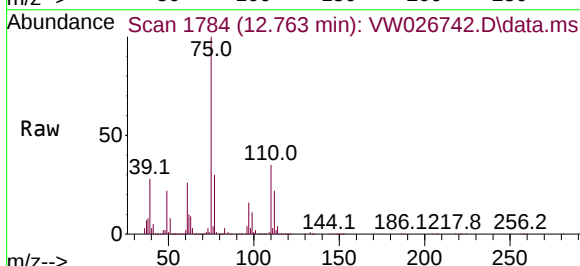
Tgt Ion: 75 Resp: 173317

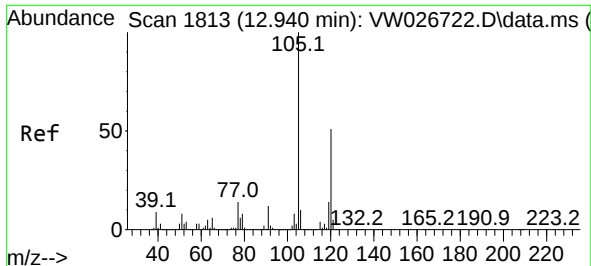
Ion Ratio Lower Upper

75 100

77 31.3 26.1 39.1

110 35.0 29.9 44.9

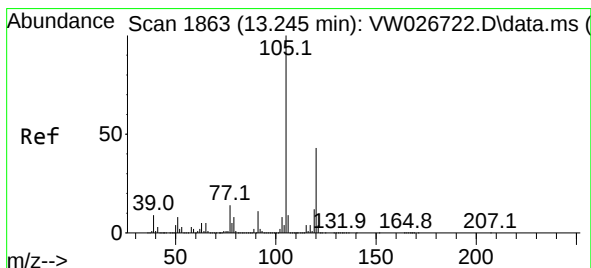
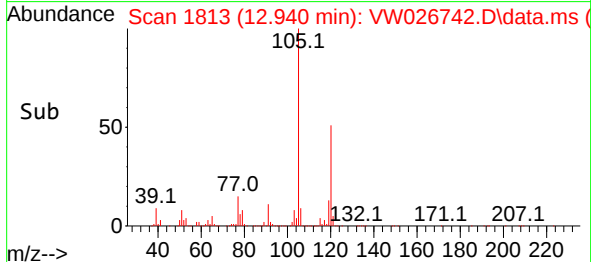
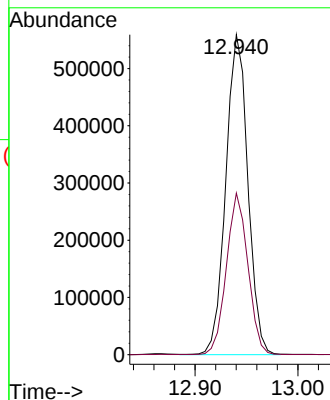
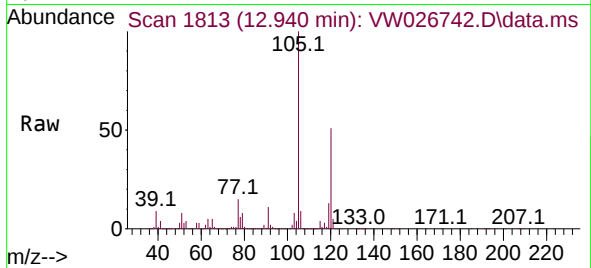




#62
1,3,5-Trimethylbenzene
Concen: 25.795 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

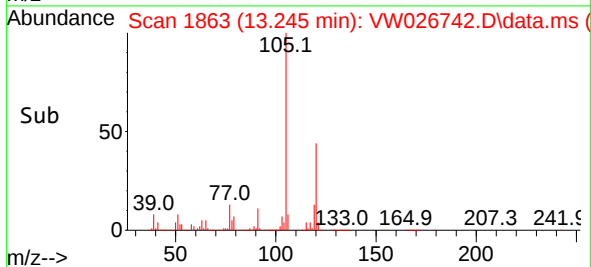
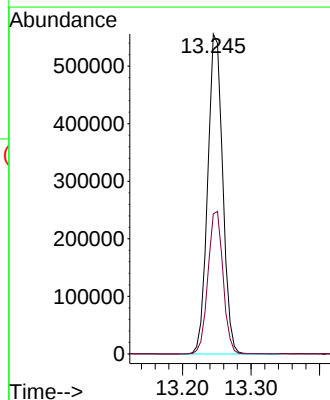
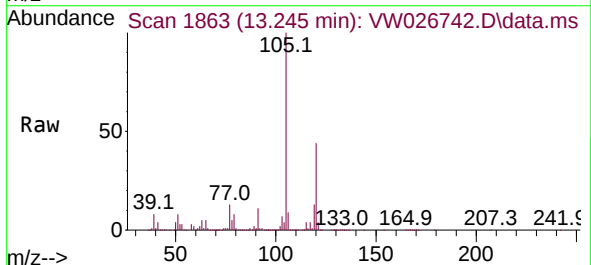
Instrument :
MSVOA_W
ClientSampleId :

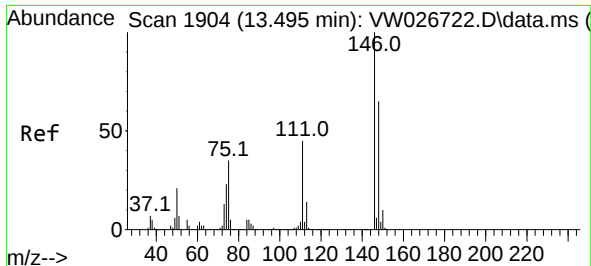
Tgt Ion:105 Resp: 833956
Ion Ratio Lower Upper
105 100
120 49.3 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.738 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

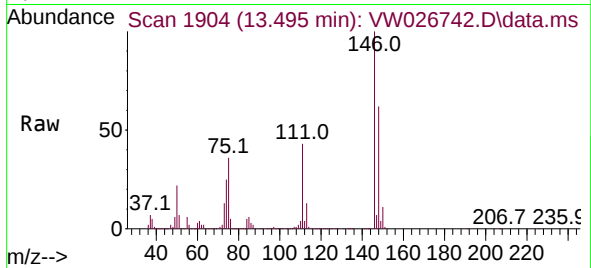
Tgt Ion:105 Resp: 847082
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.4



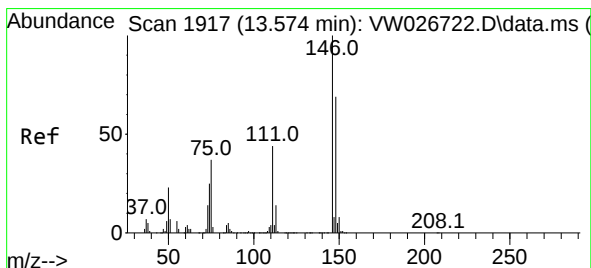
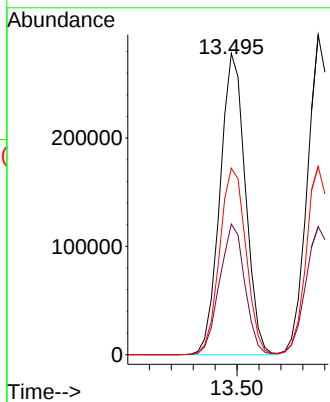
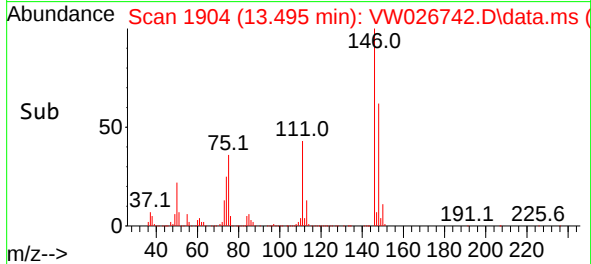


#64
1,3-Dichlorobenzene
Concen: 25.160 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43

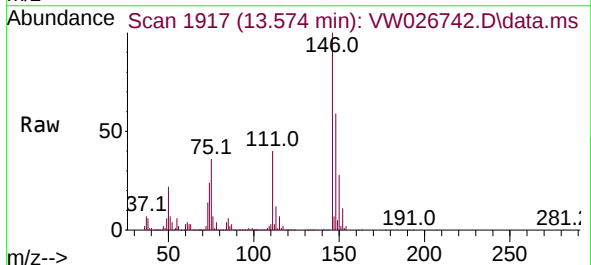
Instrument :
MSVOA_W
ClientSampleId :



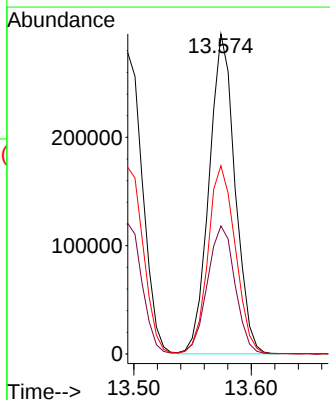
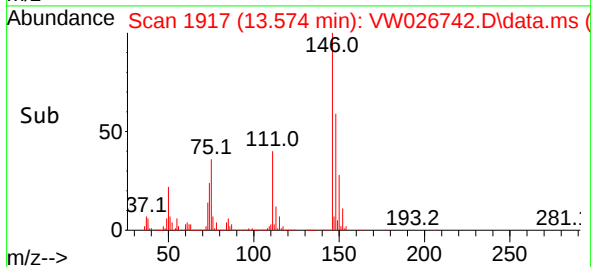
Tgt Ion:146 Resp: 447561
Ion Ratio Lower Upper
146 100
111 43.3 29.1 54.1
148 61.9 38.8 72.0

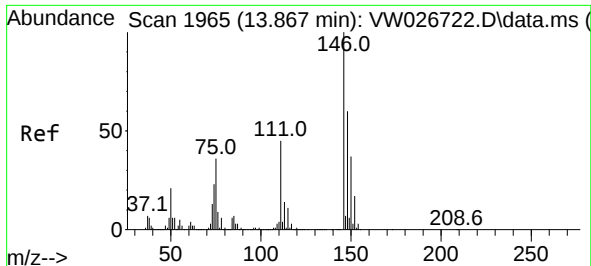


#65
1,4-Dichlorobenzene
Concen: 24.456 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026742.D
Acq: 14 Aug 2023 17:43



Tgt Ion:146 Resp: 454015
Ion Ratio Lower Upper
146 100
111 40.0 28.3 52.7
148 58.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.917 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

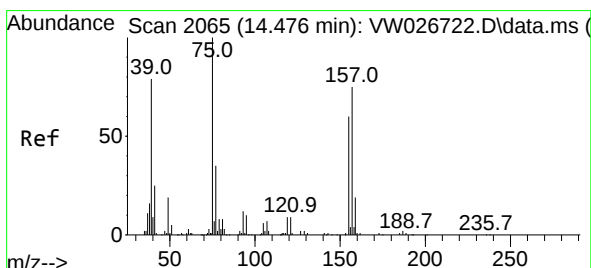
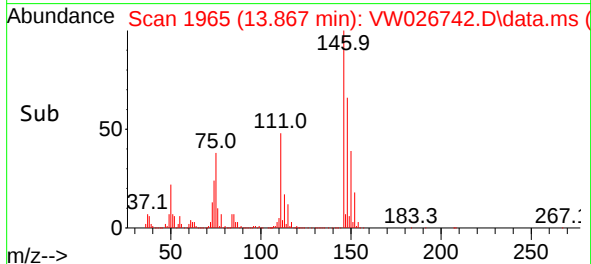
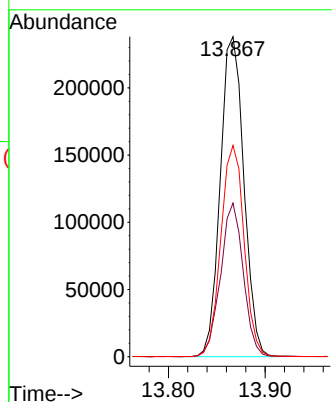
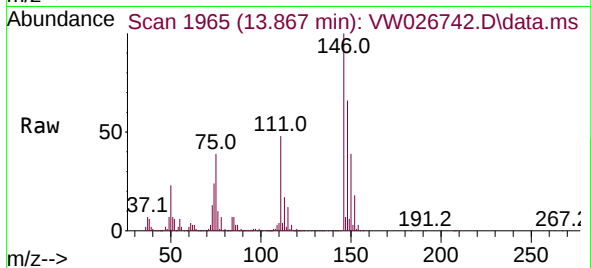
Tgt Ion:146 Resp: 403060

Ion Ratio Lower Upper

146 100

111 48.0 34.6 52.0

148 66.0 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.034 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

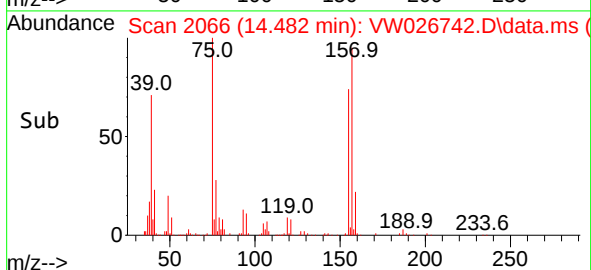
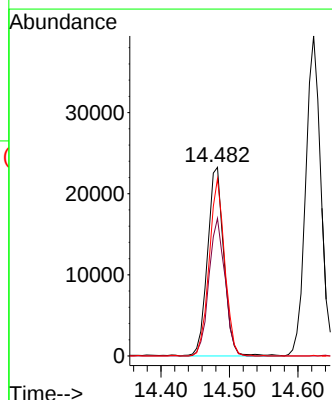
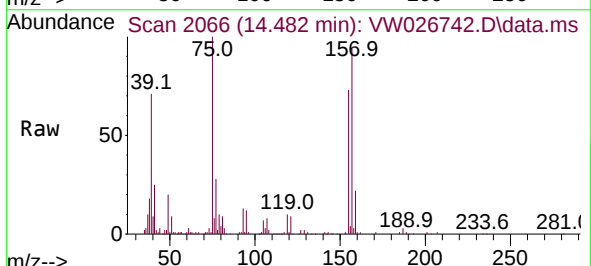
Tgt Ion: 75 Resp: 38667

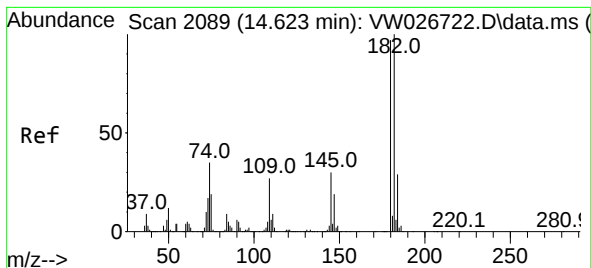
Ion Ratio Lower Upper

75 100

155 72.9 55.0 82.6

157 93.9 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 24.078 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

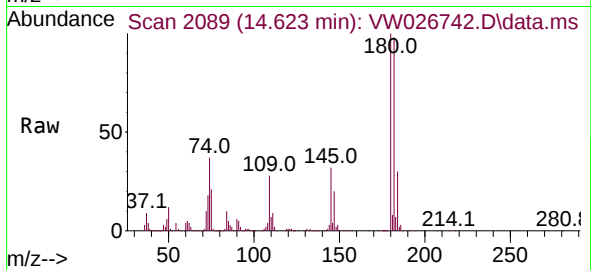
Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 289366

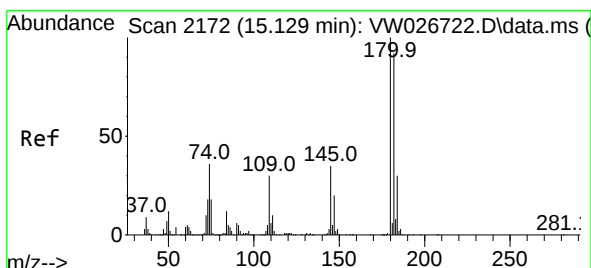
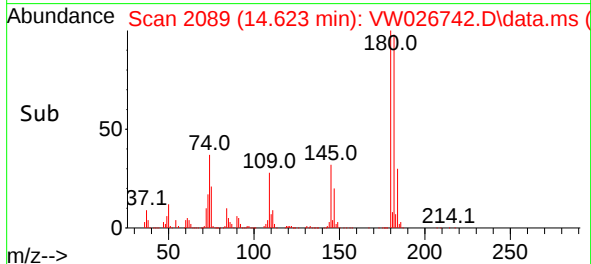
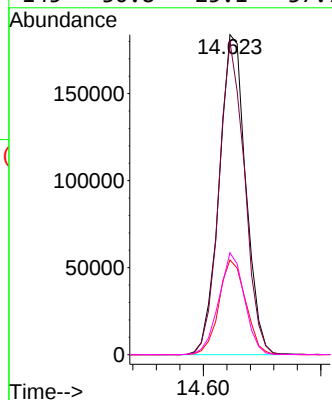
Ion Ratio Lower Upper

180 100

182 94.1 75.2 112.8

184 29.8 23.8 35.8

145 30.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 24.411 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

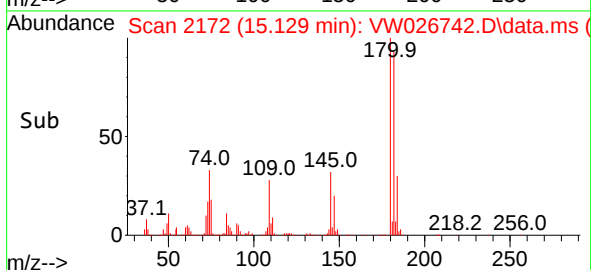
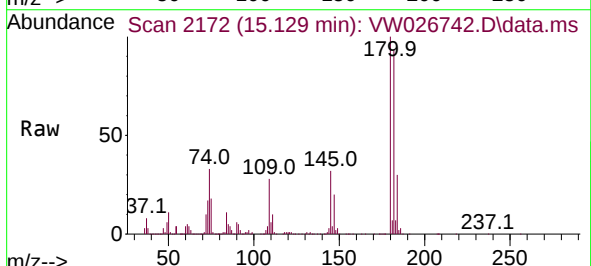
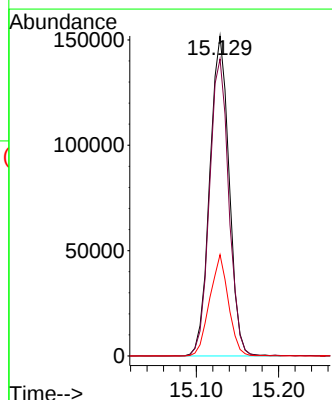
Tgt Ion:180 Resp: 248735

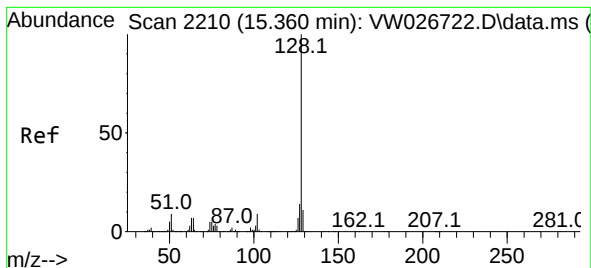
Ion Ratio Lower Upper

180 100

182 92.5 72.5 108.7

145 30.7 24.7 37.1





#71

Naphthalene

Concen: 25.775 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Instrument :

MSVOA_W

ClientSampleId :

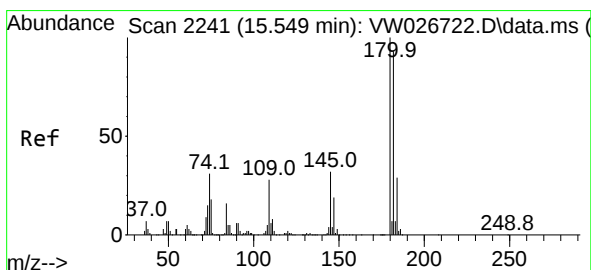
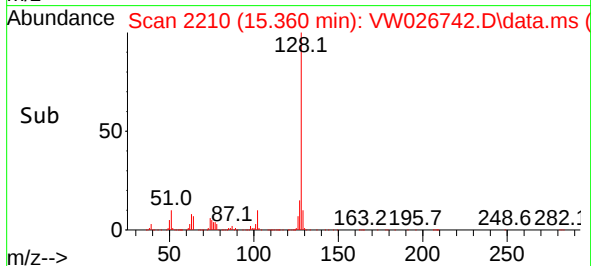
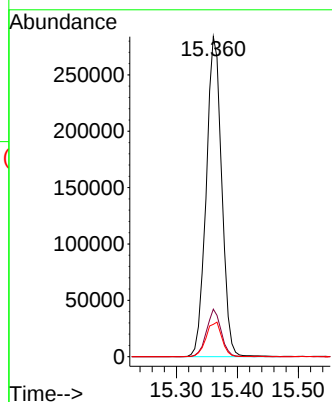
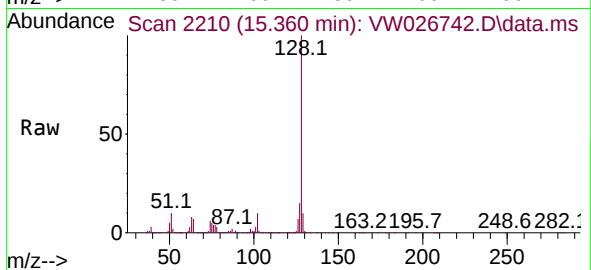
Tgt Ion:128 Resp: 500980

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.1 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.401 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026742.D

Acq: 14 Aug 2023 17:43

Tgt Ion:180 Resp: 233449

Ion Ratio Lower Upper

180 100

182 92.3 74.6 112.0

145 32.0 27.0 40.6

