

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026912.D
 Acq On : 25 Aug 2023 23:03
 Operator : SY/MD
 Sample : 04157-14MS
 Misc : 5.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:05:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336593	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	328610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	191901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	107952	19.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.040%
7) Chloroethane-d5	2.893	69	85518	20.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
11) 1,1-Dichloroethene-d2	4.027	65	54940	20.188	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.760%
21) 2-Butanone-d5	7.075	46	137683	86.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.140%#
24) Chloroform-d	7.648	84	270218	23.919	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	8.307	65	175038	28.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.320%
32) Benzene-d6	8.270	84	492222	21.734	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.920%
36) 1,2-Dichloropropane-d6	9.270	67	163747	23.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.840%
41) Toluene-d8	10.325	98	427255	21.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.920%
43) trans-1,3-Dichloroprop...	10.575	79	71911	24.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.922	63	66100	89.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	178.340%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183244	32.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.560%#
66) 1,2-Dichlorobenzene-d4	13.848	152	159082	23.161	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80399	17.568	ug/L	92
3) Chloromethane	2.228	50	104048	16.627	ug/L	96
5) Vinyl chloride	2.375	62	102893	17.200	ug/L	96
6) Bromomethane	2.783	94	55292	15.864	ug/L	98
8) Chloroethane	2.930	64	59883	16.706	ug/L	93
9) Trichlorofluoromethane	3.265	101	88222	17.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	97878	18.457	ug/L	99
12) 1,1-Dichloroethene	4.051	96	89162	17.922	ug/L	82
13) Acetone	4.124	43	77244	48.849	ug/L	97
14) Carbon disulfide	4.393	76	263705	14.733	ug/L	97
15) Methyl Acetate	4.667	43	102884	32.481	ug/L	99
16) Methylene chloride	4.923	84	125057	19.207	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	97862	17.627	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	203331	24.205	ug/L	98
19) 1,1-Dichloroethane	6.216	63	223382	19.550	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	113300	18.987	ug/L	95
22) 2-Butanone	7.173	43	140091	60.116	ug/L	98
23) Bromochloromethane	7.514	128	51912	20.139	ug/L	90
25) Chloroform	7.679	83	217037	19.661	ug/L	98

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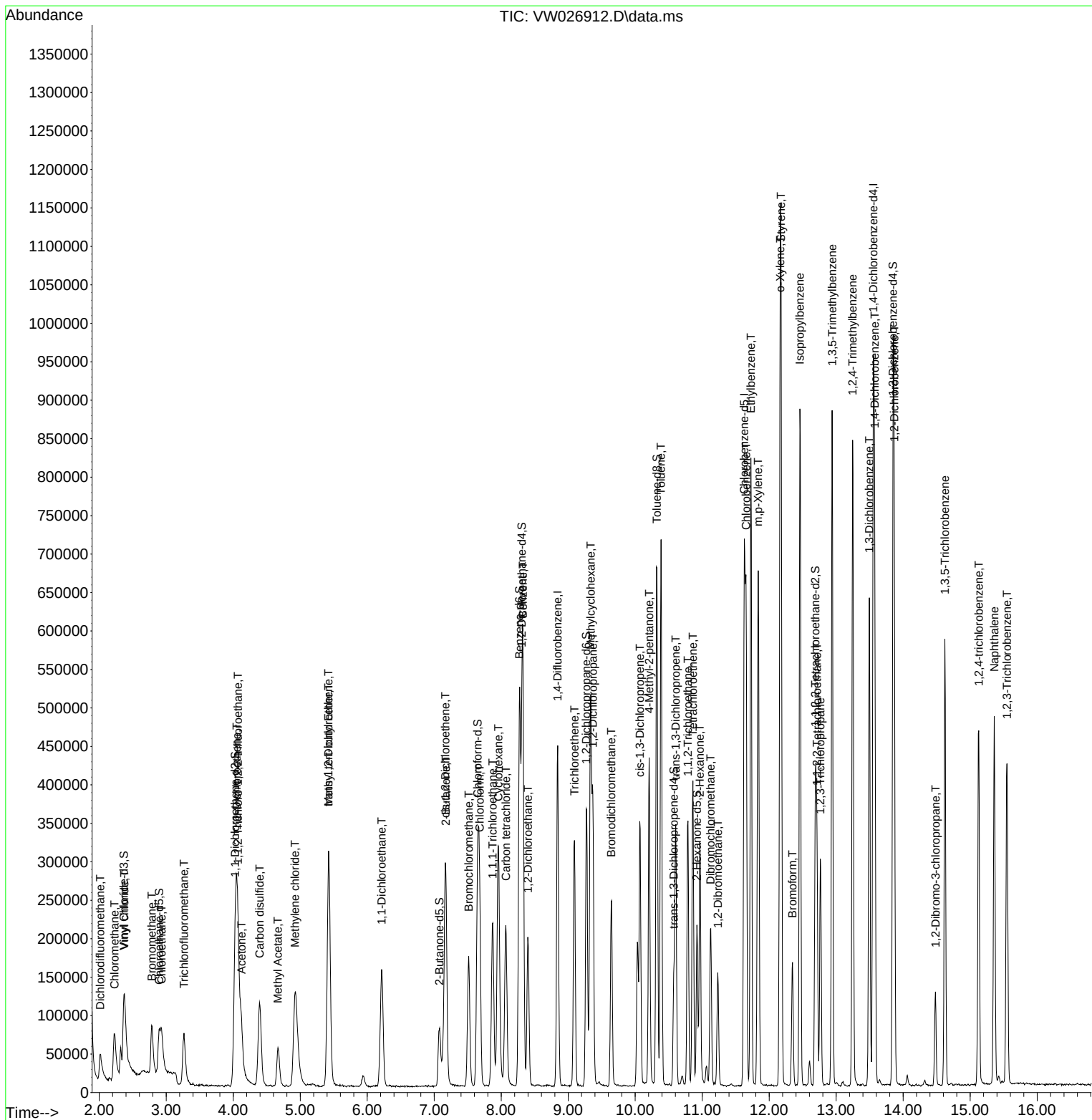
Instrument :
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 ClientSampleId :

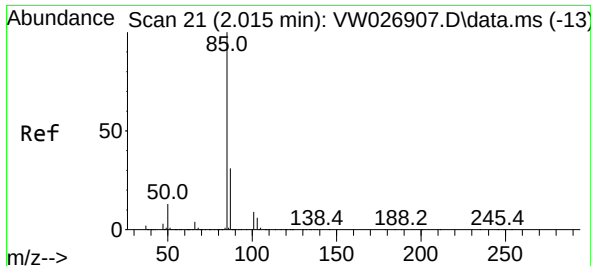
Quant Time: Aug 28 01:05:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	181062	23.512	ug/L	97
29) Cyclohexane	7.959	56	184688	18.174	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	171995	20.055	ug/L	98
31) Carbon tetrachloride	8.069	117	158544	20.219	ug/L	95
33) Benzene	8.325	78	456576	19.079	ug/L	100
34) Trichloroethene	9.093	95	110612	18.149	ug/L	97
35) Methylcyclohexane	9.337	83	187991	18.030	ug/L	98
37) 1,2-Dichloropropane	9.367	63	129763	19.797	ug/L	100
38) Bromodichloromethane	9.642	83	159682	20.767	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	190309	20.182	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	289733	67.954	ug/L	97
42) Toluene	10.386	91	477294	19.717	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	179121	22.069	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	102392	22.841	ug/L	97
46) Tetrachloroethene	10.861	164	81911	18.499	ug/L	97
48) 2-Hexanone	10.965	43	209643	72.261	ug/L	98
49) Dibromochloromethane	11.123	129	104696	22.330	ug/L	87
50) 1,2-Dibromoethane	11.233	107	94308	22.421	ug/L	95
51) Chlorobenzene	11.654	112	291174	19.042	ug/L	97
52) Ethylbenzene	11.727	91	534656	19.695	ug/L	97
53) m,p-Xylene	11.836	106	196606	19.549	ug/L	97
54) o-Xylene	12.166	106	186534	19.874	ug/L	91
55) Styrene	12.178	104	336786	20.637	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	150664	26.538	ug/L	99
59) Bromoform	12.349	173	67597	22.486	ug/L #	95
60) Isopropylbenzene	12.458	105	536286	18.797	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	117594	25.262	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	432198	19.165	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	436946	19.773	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	231621	18.667	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	231901	17.909	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	212731	18.853	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	32397	28.869	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	156553	18.675	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	135118	19.011	ug/L	99
71) Naphthalene	15.360	128	358160	26.417	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	131013	20.437	ug/L	99

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

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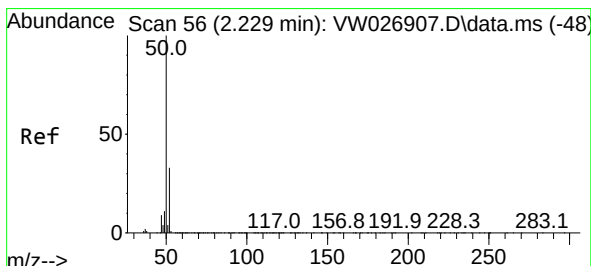
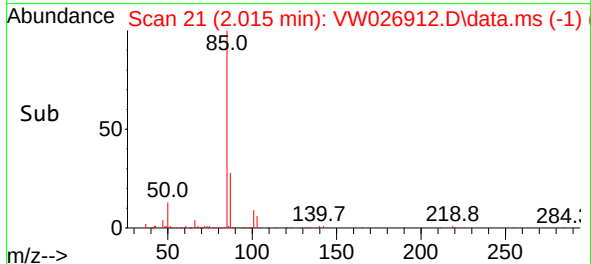
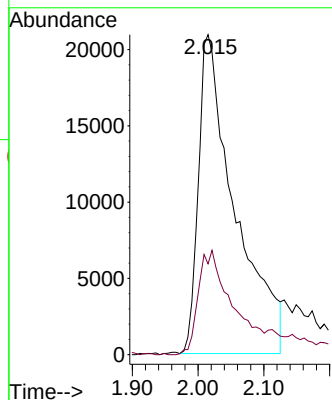
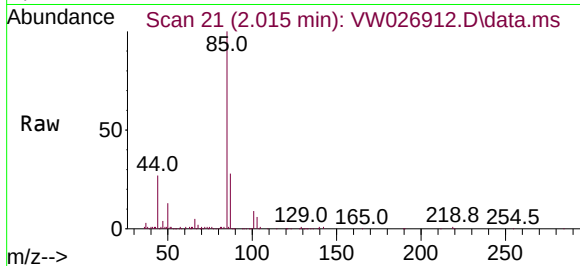




#2
Dichlorodifluoromethane
Concen: 17.568 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

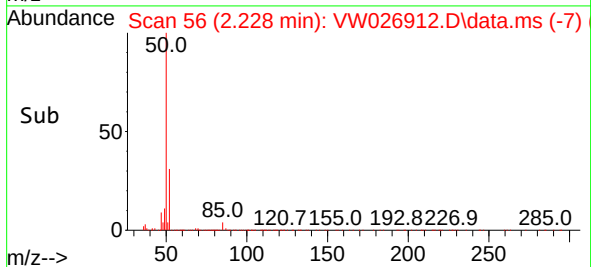
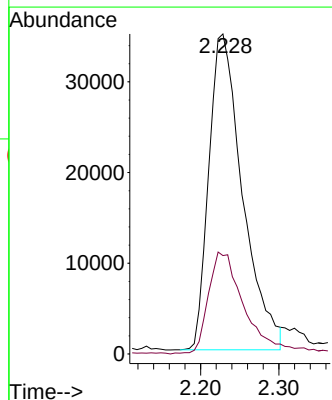
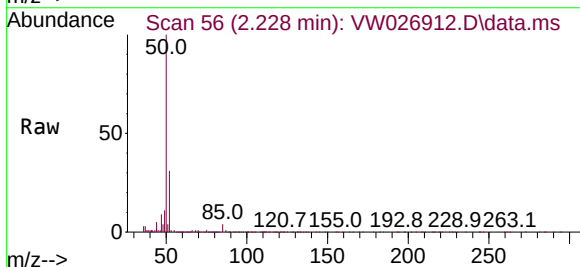
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MSVOA_W
ClientSampleId :

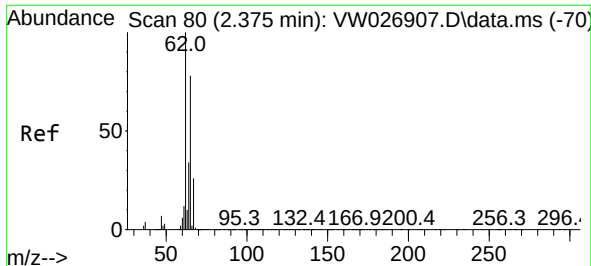
Tgt Ion: 85 Resp: 80399
Ion Ratio Lower Upper
85 100
87 28.6 19.5 29.3



#3
Chloromethane
Concen: 16.627 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion: 50 Resp: 104048
Ion Ratio Lower Upper
50 100
52 30.8 23.0 42.8

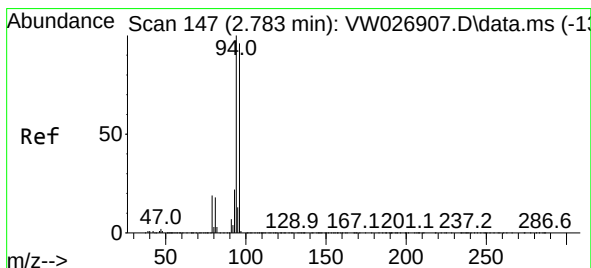
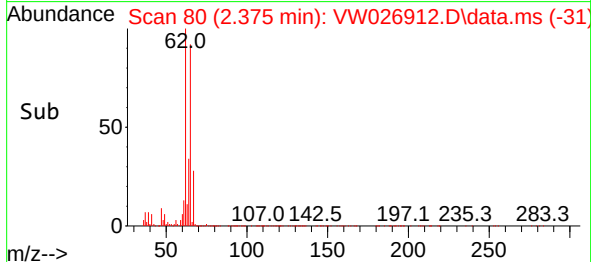
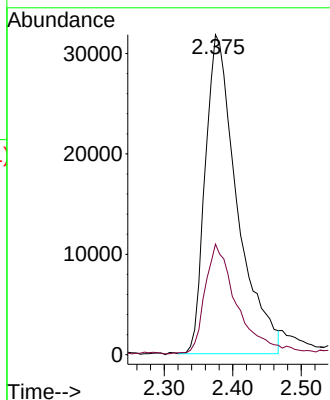
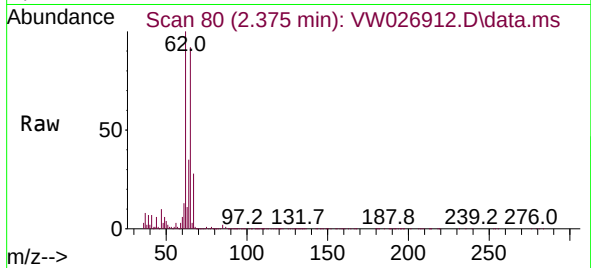




#5
 Vinyl chloride
 Concen: 17.200 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

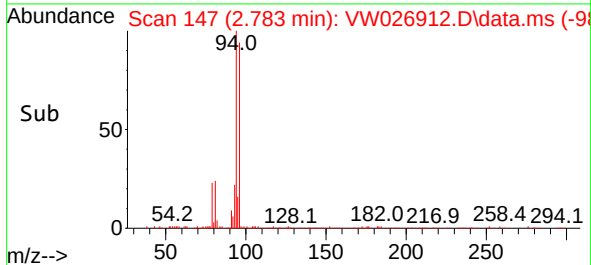
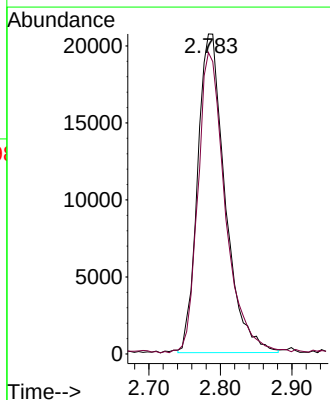
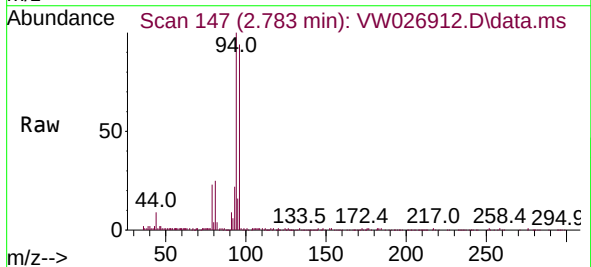
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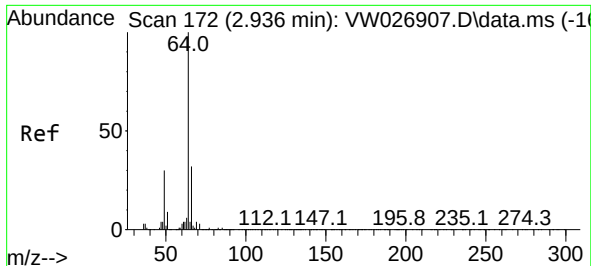
Tgt Ion: 62 Resp: 102893
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.7 42.3



#6
 Bromomethane
 Concen: 15.864 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

Tgt Ion: 94 Resp: 55292
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.8 120.3

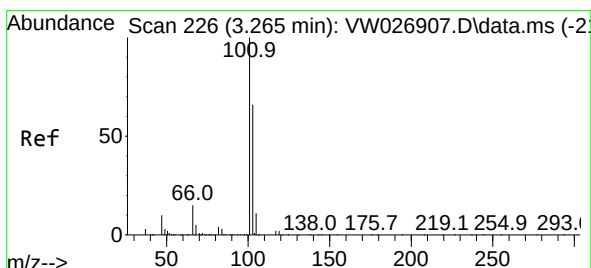
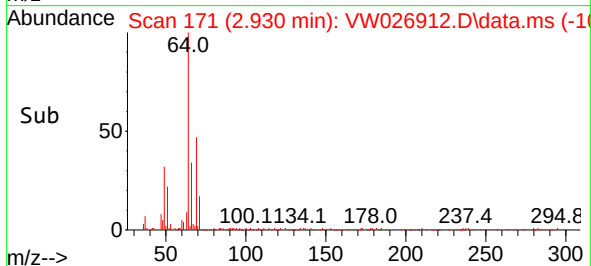
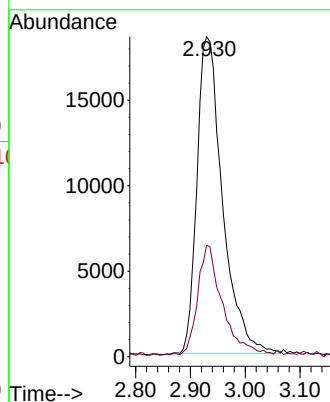
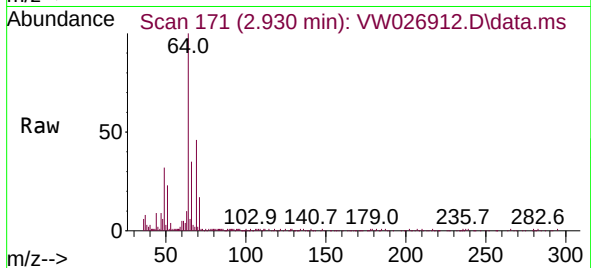




#8
Chloroethane
Concen: 16.706 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

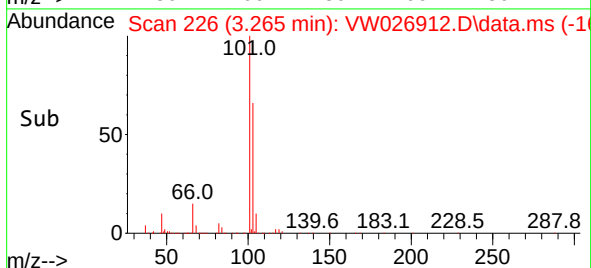
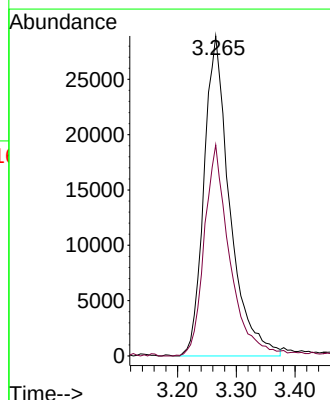
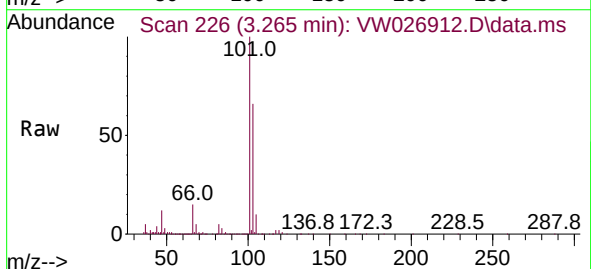
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ClientSampleId :

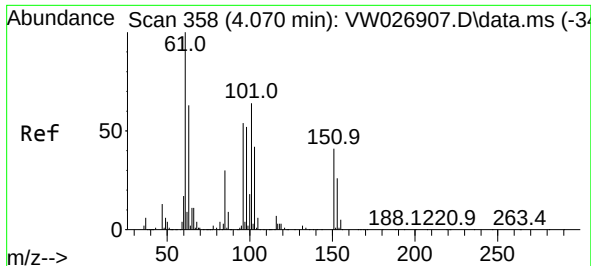
Tgt Ion: 64 Resp: 59883
Ion Ratio Lower Upper
64 100
66 34.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 17.970 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion: 101 Resp: 88222
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

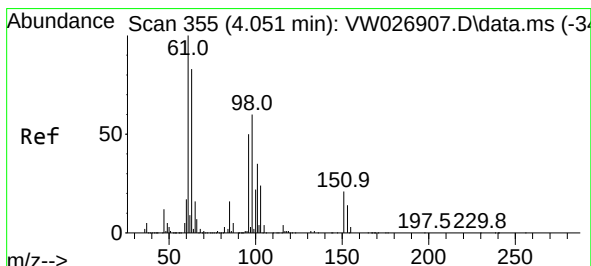
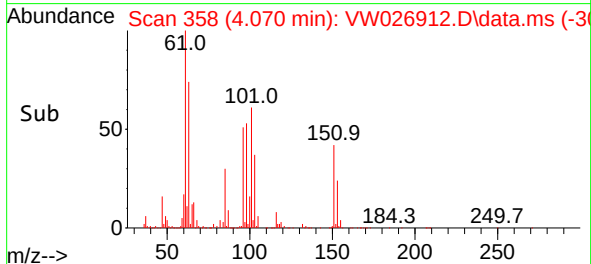
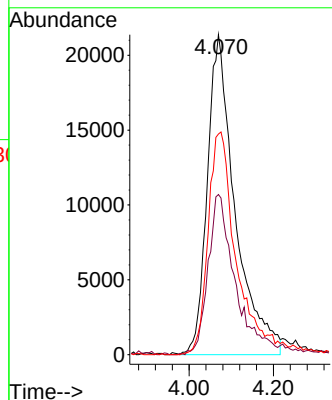
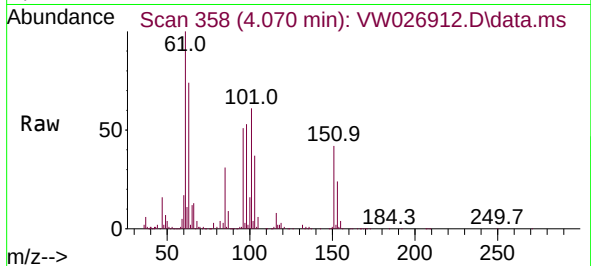




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.457 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

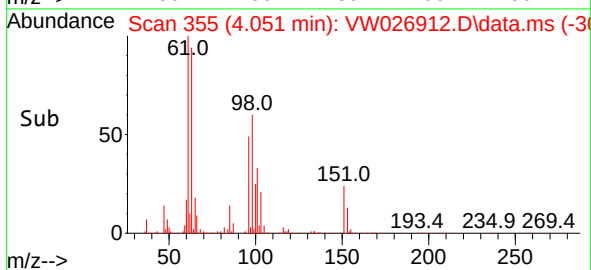
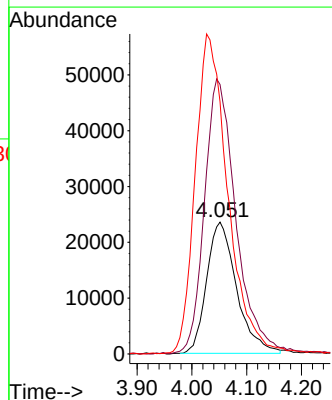
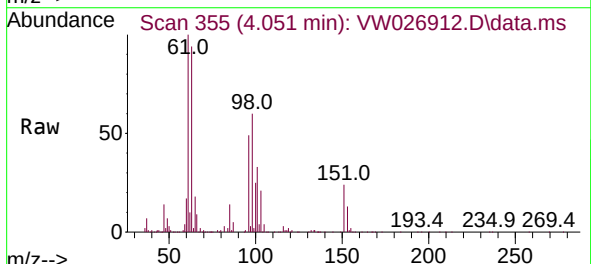
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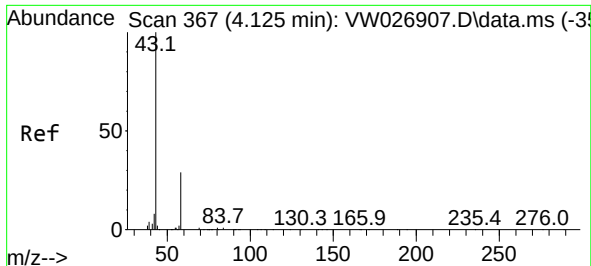
Tgt Ion:101 Resp: 97878
 Ion Ratio Lower Upper
 101 100
 85 39.6 32.8 49.2
 151 67.7 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 17.922 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

Tgt Ion: 96 Resp: 89162
 Ion Ratio Lower Upper
 96 100
 61 204.3 133.2 247.4
 63 191.2 109.0 202.4

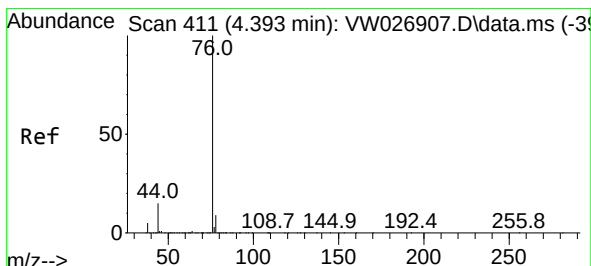
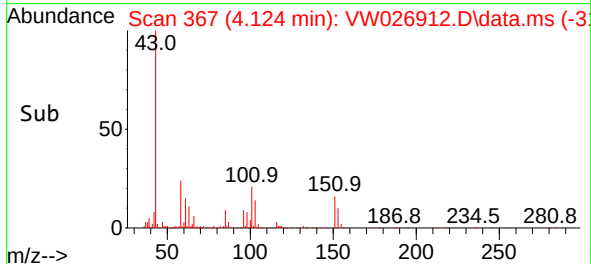
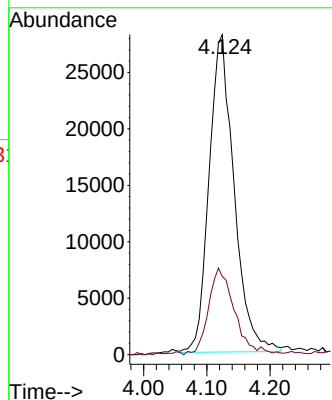
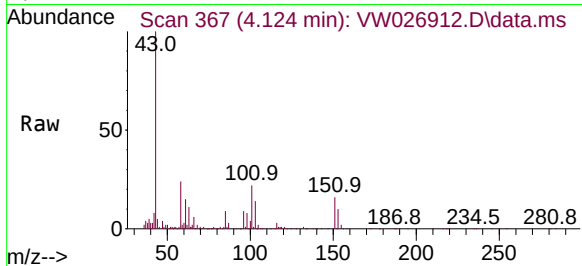




#13
Acetone
Concen: 48.849 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

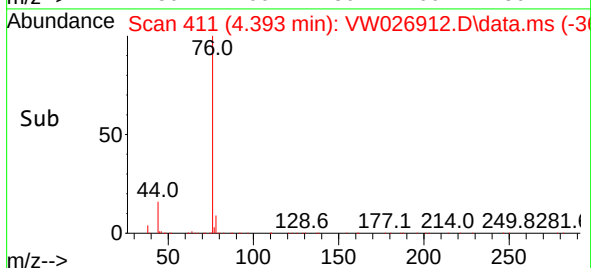
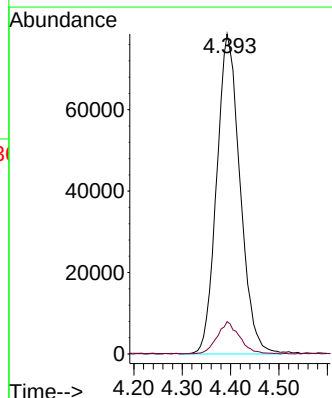
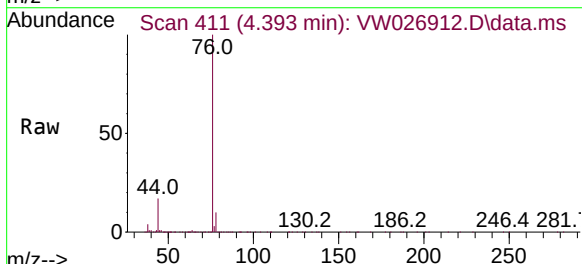
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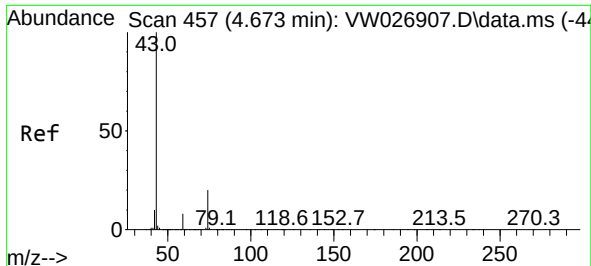
Tgt Ion: 43 Resp: 77244
Ion Ratio Lower Upper
43 100
58 26.9 0.0 57.4



#14
Carbon disulfide
Concen: 14.733 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion: 76 Resp: 263705
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

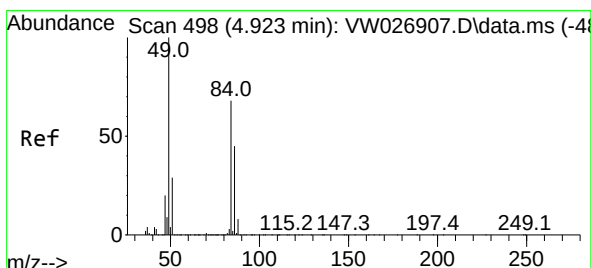
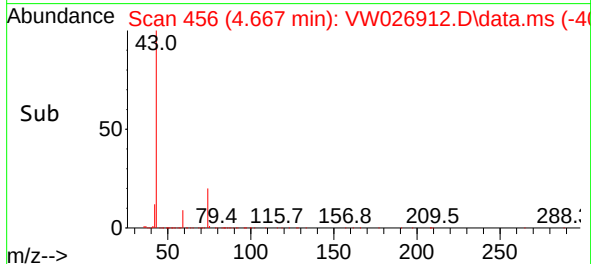
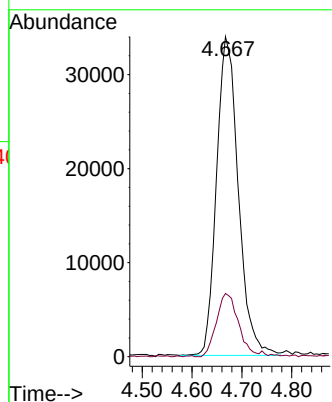
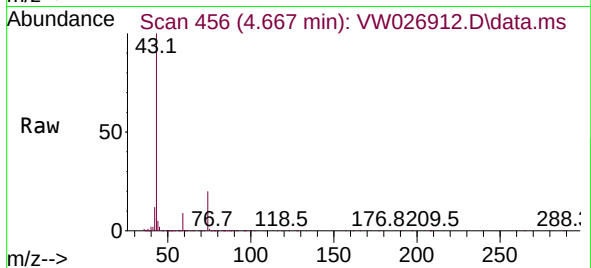




#15
Methyl Acetate
Concen: 32.481 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

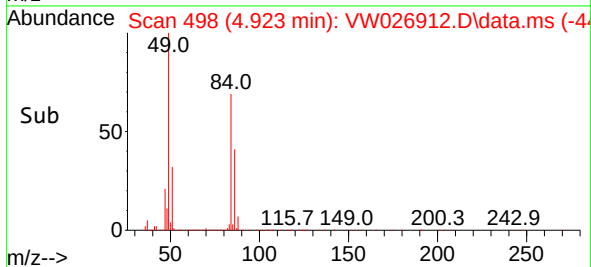
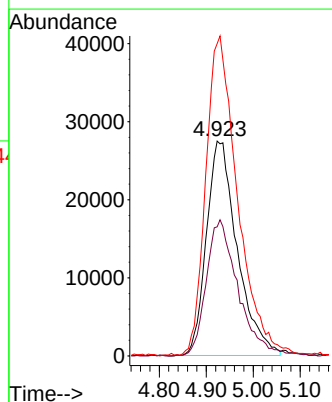
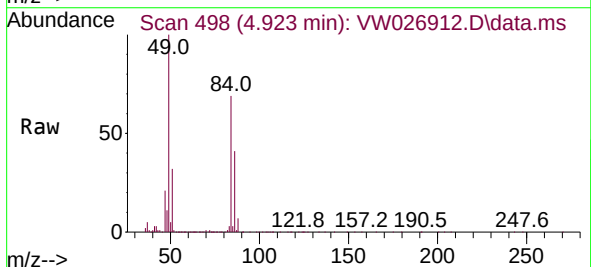
Instrument :
MSVOA_W
ClientSampleId :

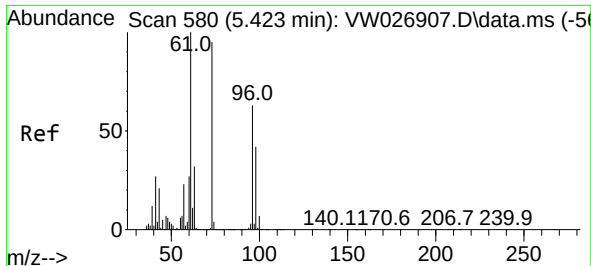
Tgt Ion: 43 Resp: 102884
Ion Ratio Lower Upper
43 100
74 19.9 16.4 24.6



#16
Methylene chloride
Concen: 19.207 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

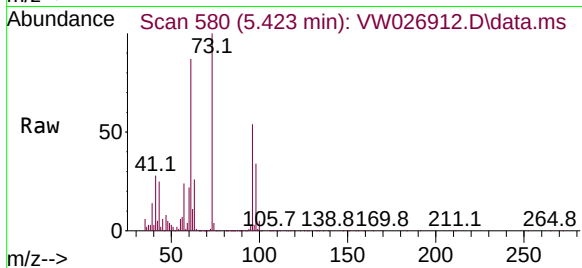
Tgt Ion: 84 Resp: 125057
Ion Ratio Lower Upper
84 100
86 60.1 43.5 80.9
49 145.3 96.0 178.2



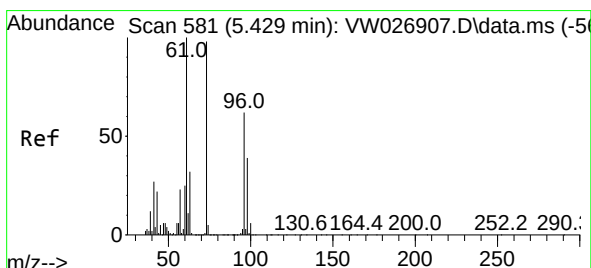
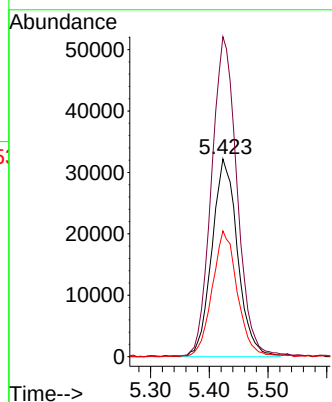
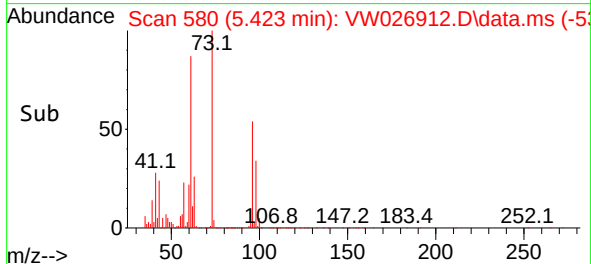


#17
trans-1,2-Dichloroethene
Concen: 17.627 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

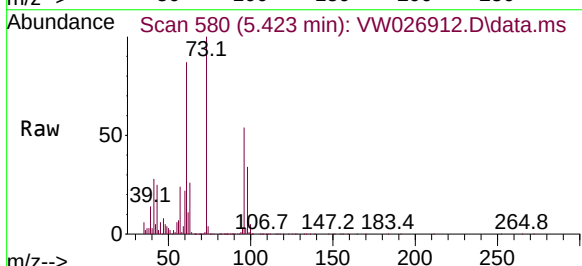
Instrument :
MSVOA_W
ClientSampleId :



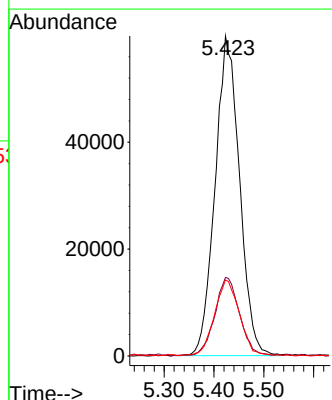
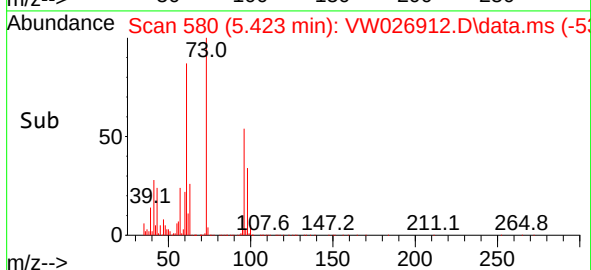
Tgt Ion: 96 Resp: 97862
Ion Ratio Lower Upper
96 100
61 161.9 109.4 203.2
98 63.6 43.6 81.0

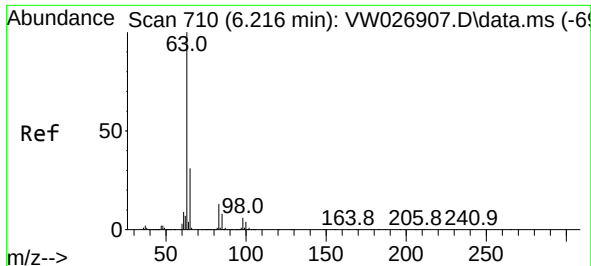


#18
Methyl tert-butyl Ether
Concen: 24.205 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03



Tgt Ion: 73 Resp: 203331
Ion Ratio Lower Upper
73 100
43 24.2 18.0 27.0
57 23.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 19.550 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

ClientSampleId :

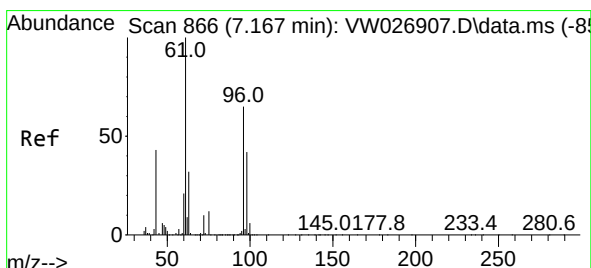
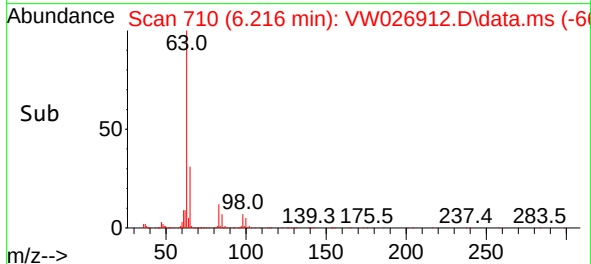
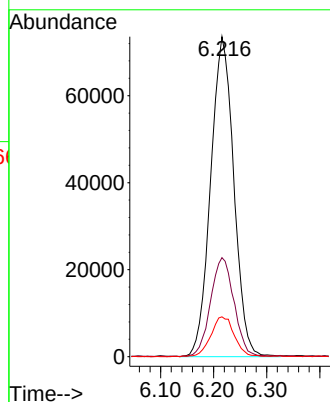
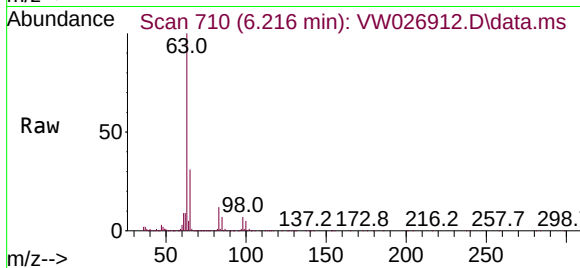
Tgt Ion: 63 Resp: 223382

Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.6

83 12.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 18.987 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

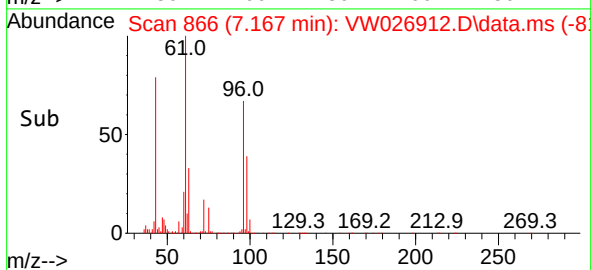
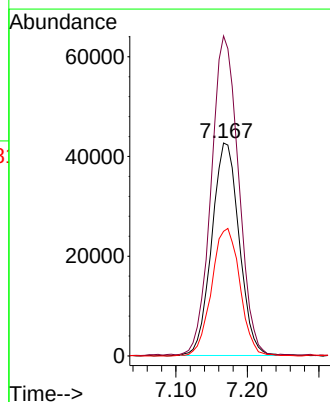
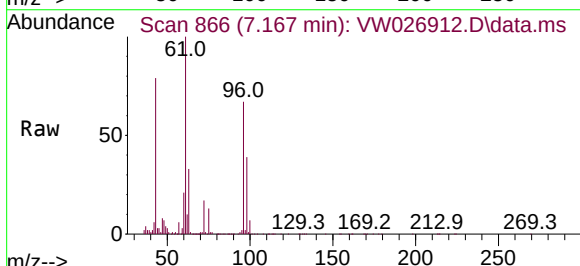
Tgt Ion: 96 Resp: 113300

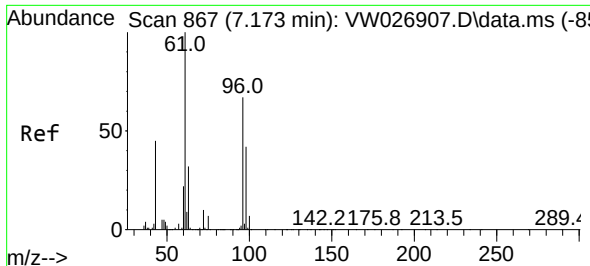
Ion Ratio Lower Upper

96 100

61 150.2 101.2 188.0

98 58.5 43.8 81.3

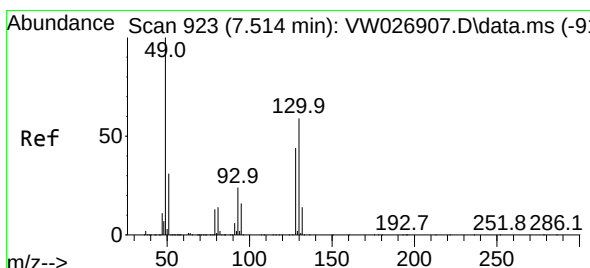
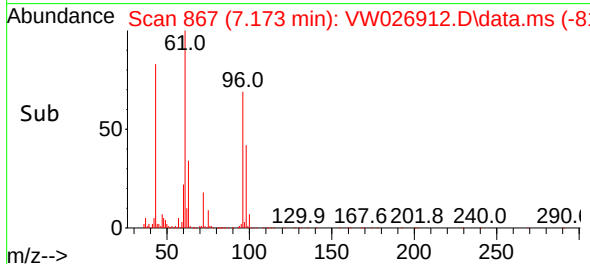
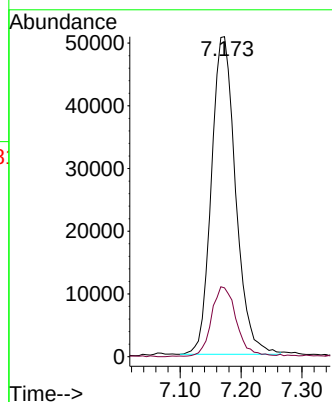
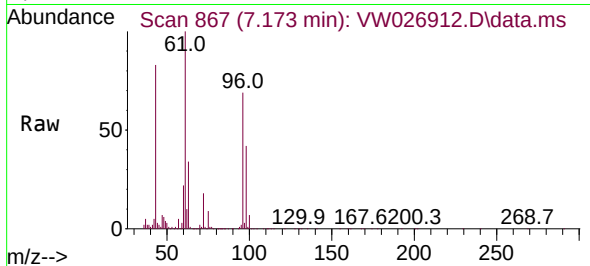




#22
2-Butanone
Concen: 60.116 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

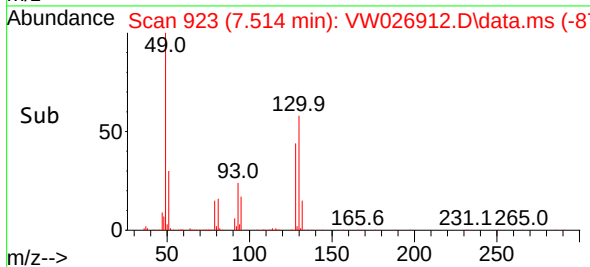
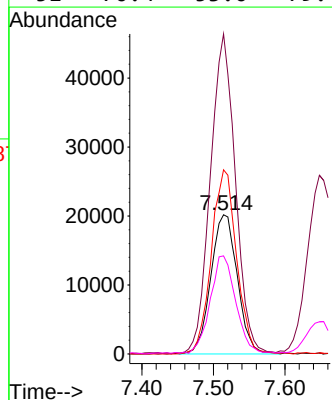
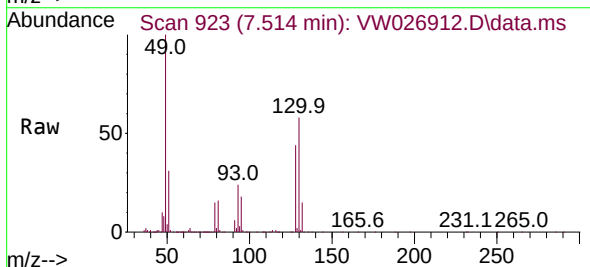
Instrument :
MSVOA_W
ClientSampleId :

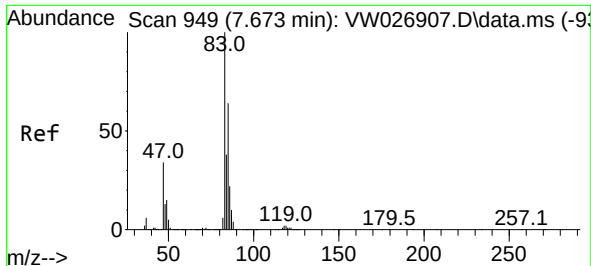
Tgt Ion: 43 Resp: 140091
Ion Ratio Lower Upper
43 100
72 22.7 11.8 35.4



#23
Bromochloromethane
Concen: 20.139 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion: 128 Resp: 51912
Ion Ratio Lower Upper
128 100
49 229.8 143.1 265.7
130 132.2 91.8 170.4
51 70.4 53.0 79.4

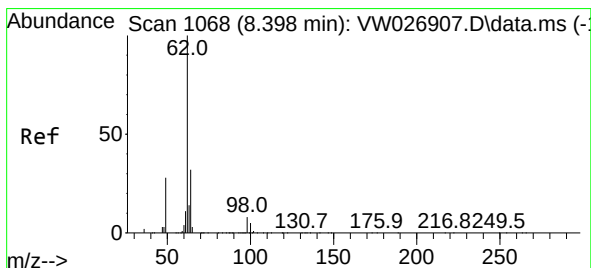
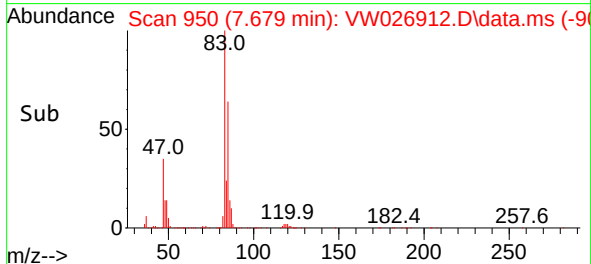
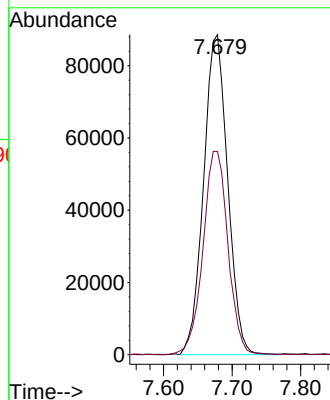
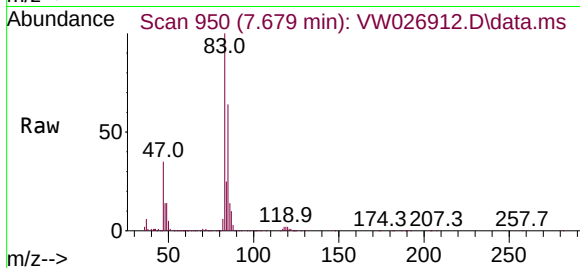




#25
Chloroform
Concen: 19.661 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

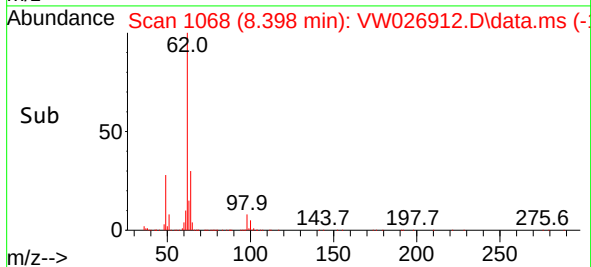
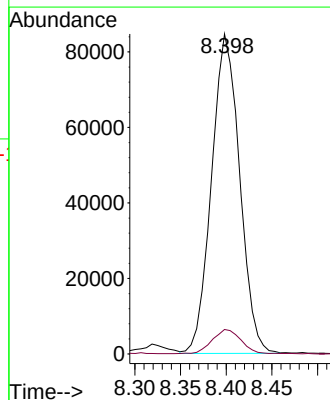
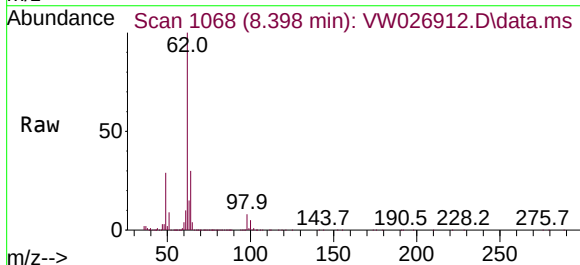
Instrument :
MSVOA_W
ClientSampleId :

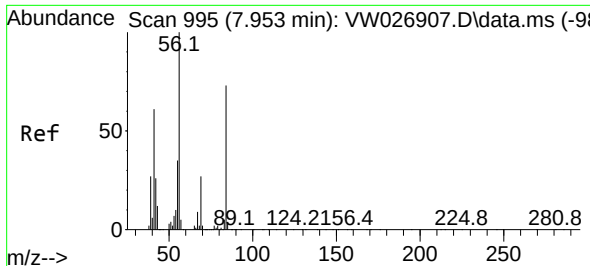
Tgt Ion: 83 Resp: 217037
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.512 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion: 62 Resp: 181062
Ion Ratio Lower Upper
62 100
98 7.7 7.1 10.7

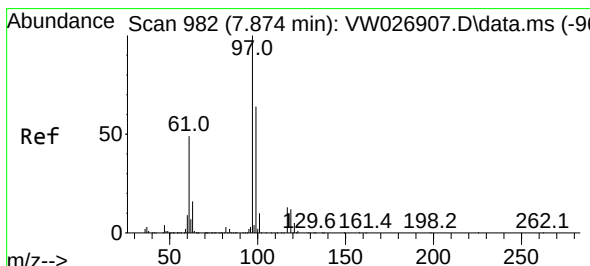
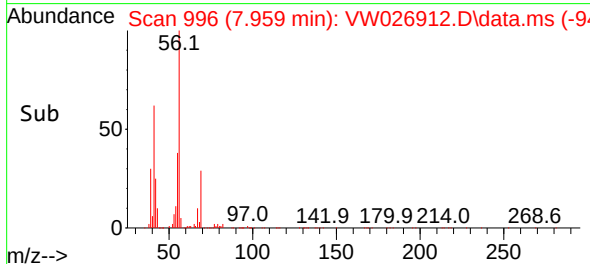
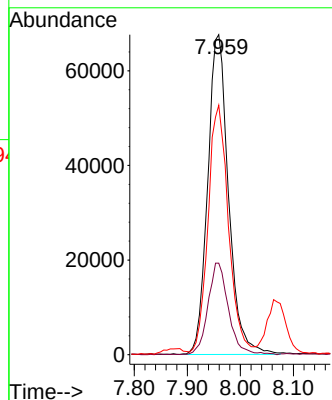
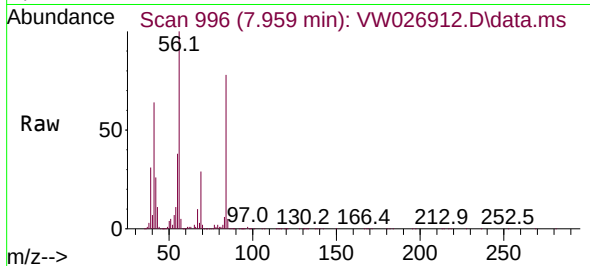




#29
Cyclohexane
Concen: 18.174 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

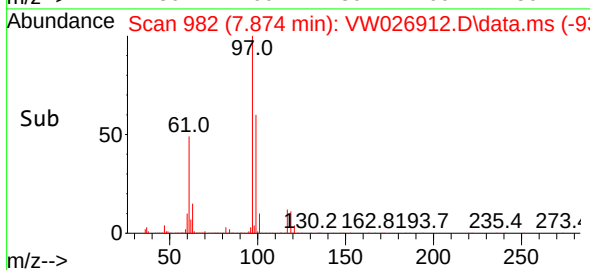
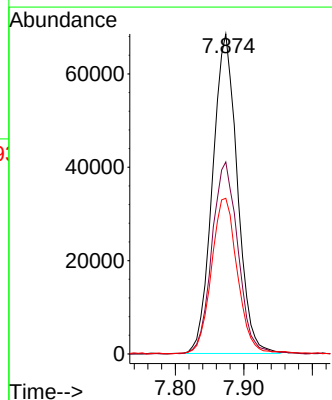
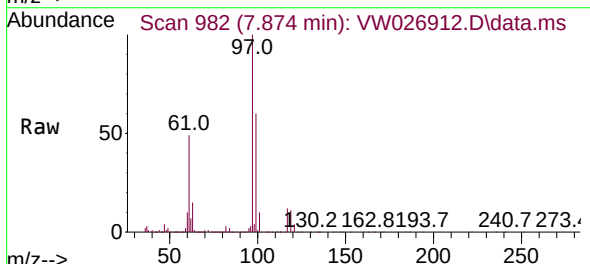
Instrument :
MSVOA_W
ClientSampleId :

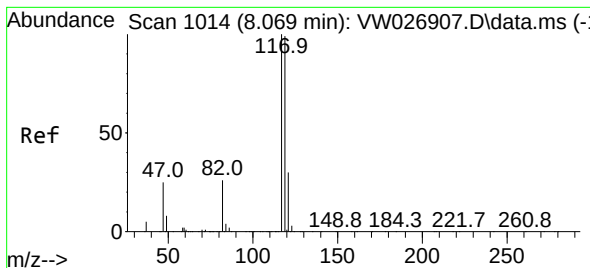
Tgt Ion: 56 Resp: 184688
Ion Ratio Lower Upper
56 100
69 27.7 23.2 34.8
84 76.5 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 20.055 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion: 97 Resp: 171995
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 51.3 39.2 58.8





#31

Carbon tetrachloride

Concen: 20.219 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

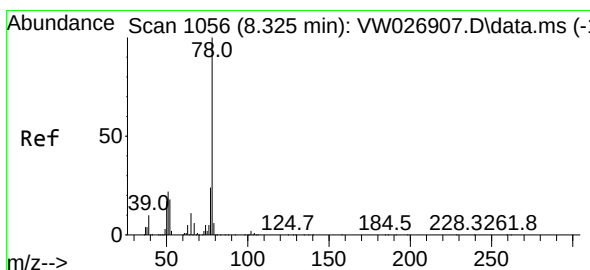
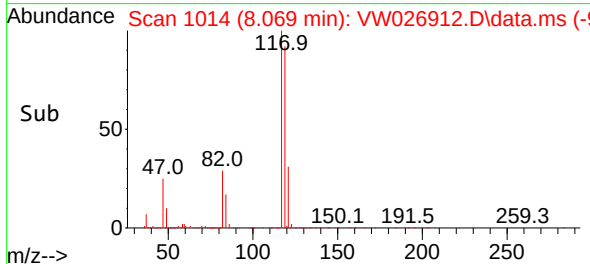
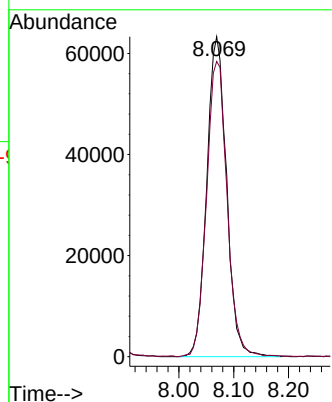
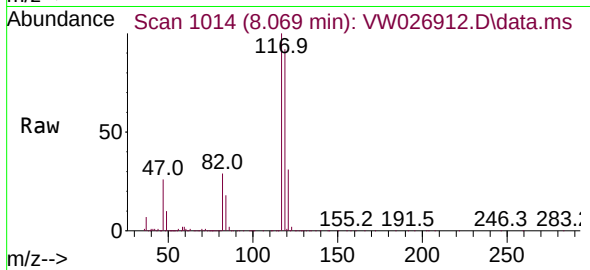
ClientSampleId :

Tgt Ion:117 Resp: 158544

Ion Ratio Lower Upper

117 100

119 95.5 73.0 109.4



#33

Benzene

Concen: 19.079 ug/L

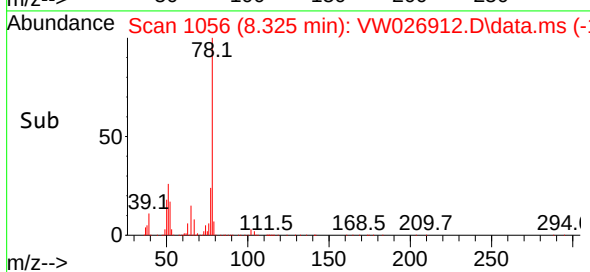
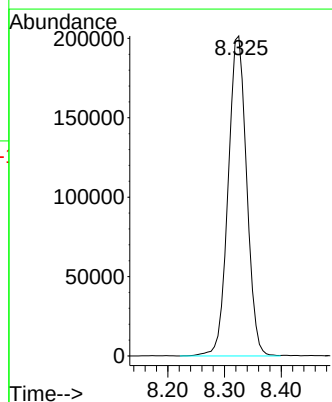
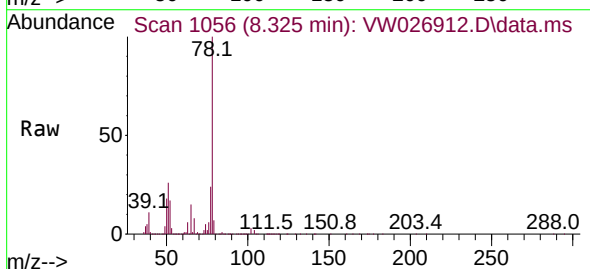
RT: 8.325 min Scan# 1056

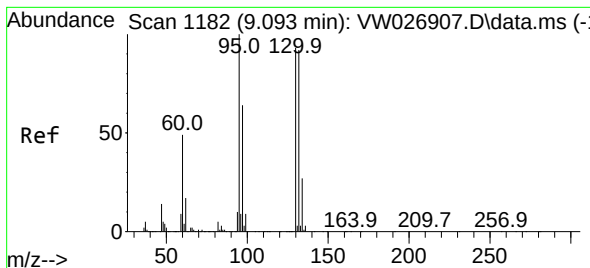
Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Tgt Ion: 78 Resp: 456576





#34

Trichloroethene

Concen: 18.149 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

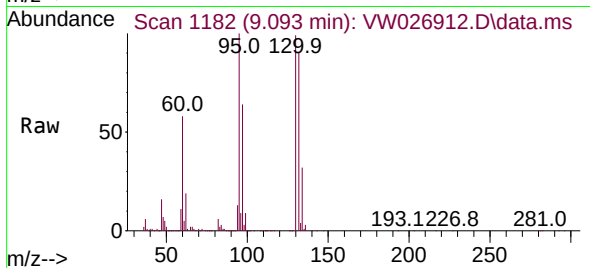
Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 110612

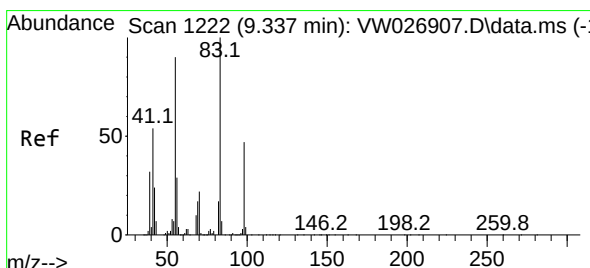
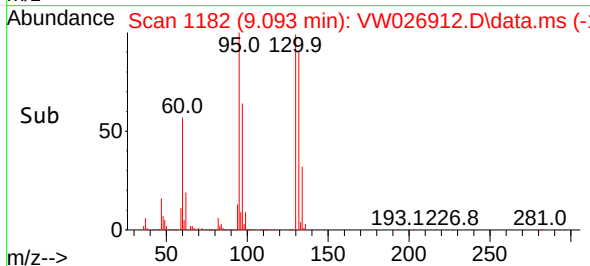
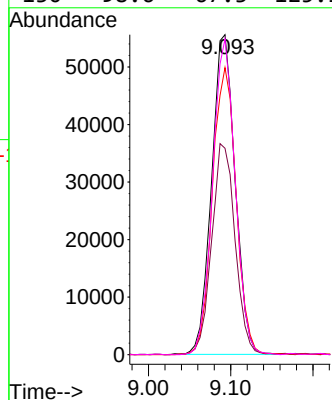
Ion Ratio Lower Upper

95 100

97 64.5 44.6 82.8

132 89.7 66.4 123.2

130 98.6 67.3 125.1



#35

Methylcyclohexane

Concen: 18.030 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

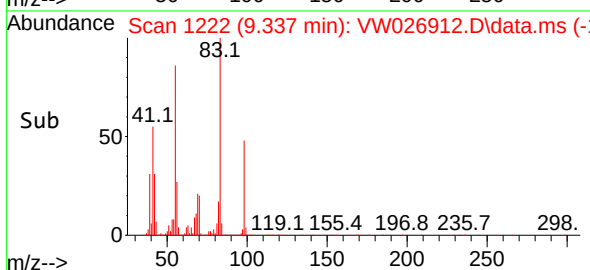
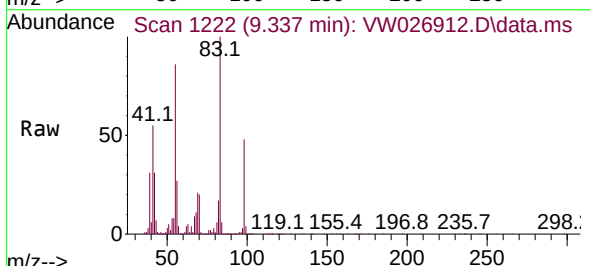
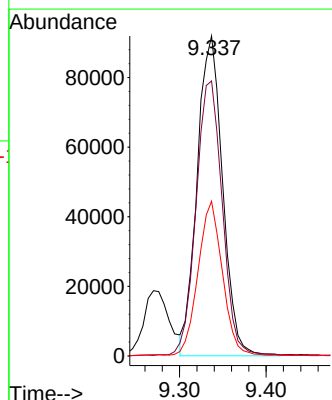
Tgt Ion: 83 Resp: 187991

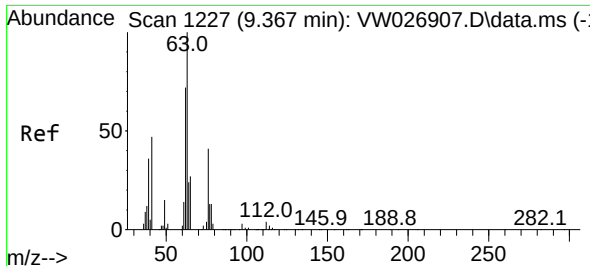
Ion Ratio Lower Upper

83 100

55 88.6 69.3 103.9

98 46.4 37.4 56.0





#37

1,2-Dichloropropane

Concen: 19.797 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

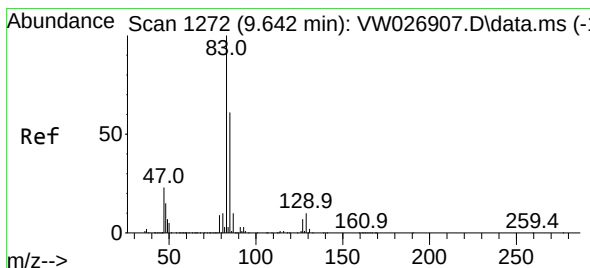
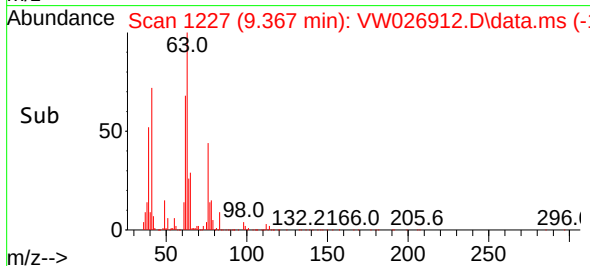
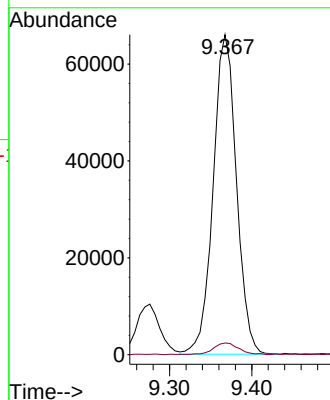
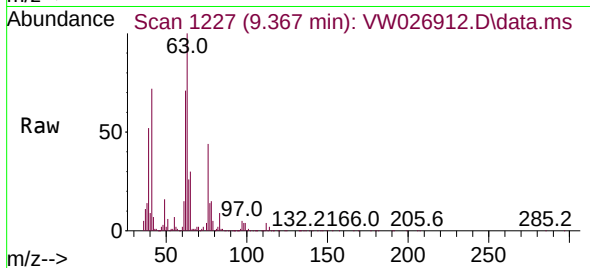
ClientSampleId :

Tgt Ion: 63 Resp: 129763

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 20.767 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

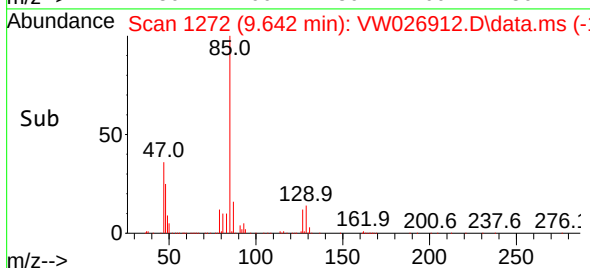
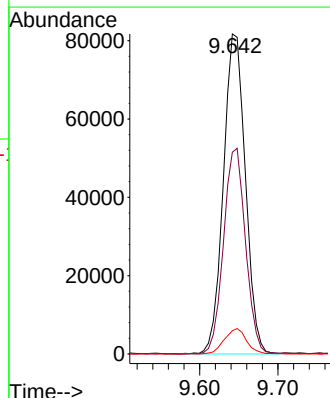
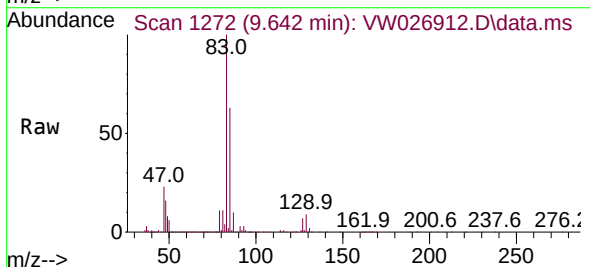
Tgt Ion: 83 Resp: 159682

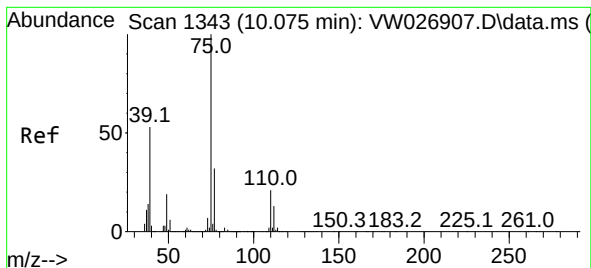
Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.2

127 7.2 6.2 9.2

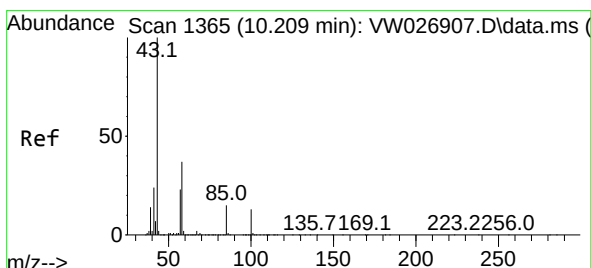
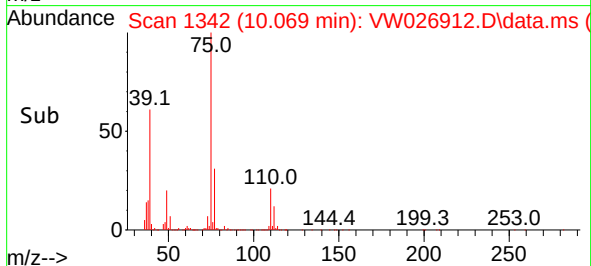
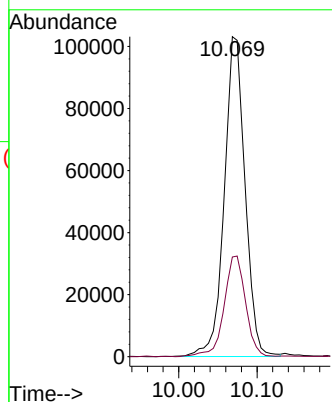
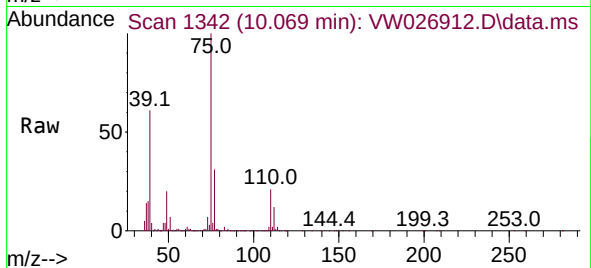




#39
 cis-1,3-Dichloropropene
 Concen: 20.182 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

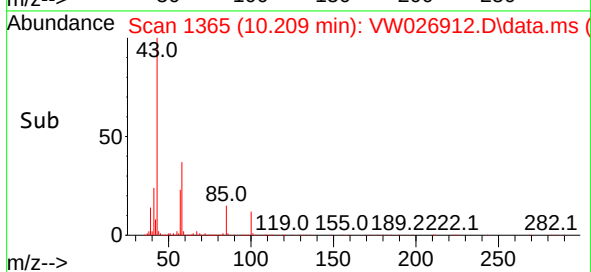
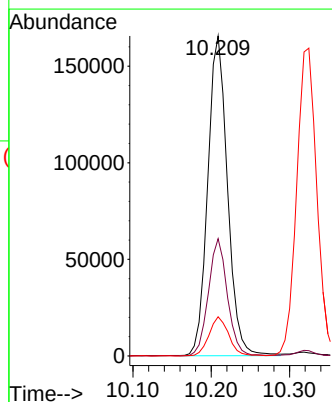
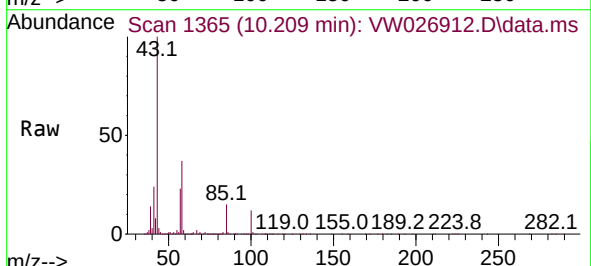
Instrument :
 MSVOA_W
 ClientSampleId :

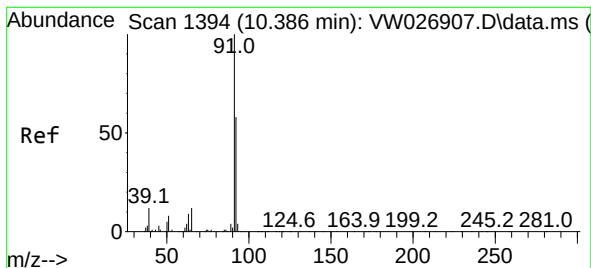
Tgt Ion: 75 Resp: 190309
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 67.954 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

Tgt Ion: 43 Resp: 289733
 Ion Ratio Lower Upper
 43 100
 58 34.8 29.2 43.8
 100 12.3 10.7 16.1





#42

Toluene

Concen: 19.717 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

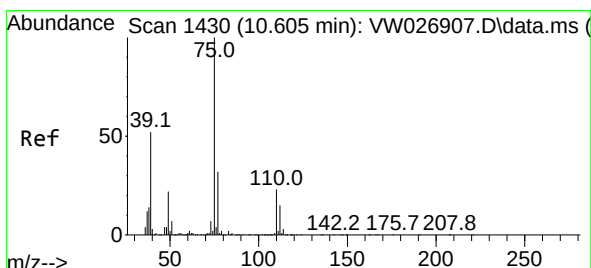
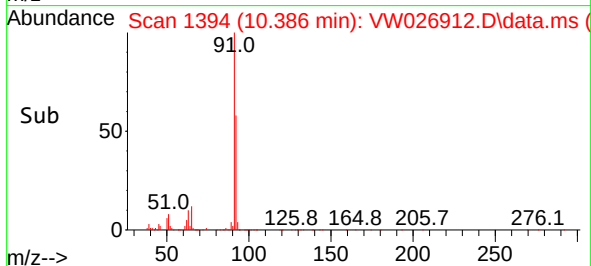
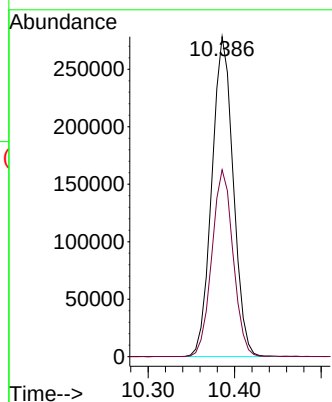
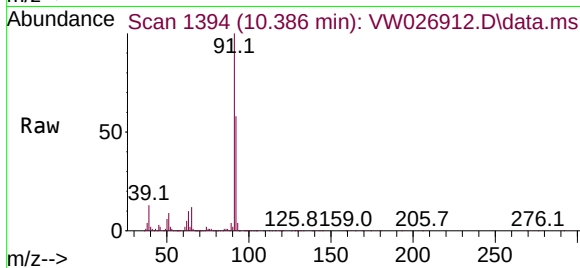
ClientSampleId :

Tgt Ion: 91 Resp: 477294

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 22.069 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026912.D

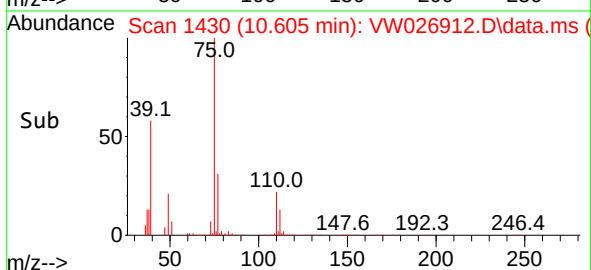
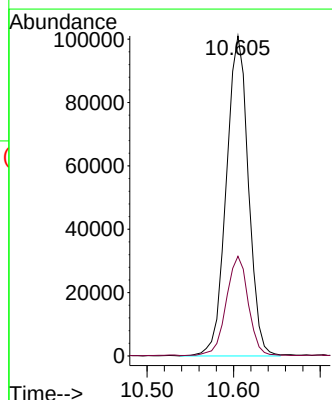
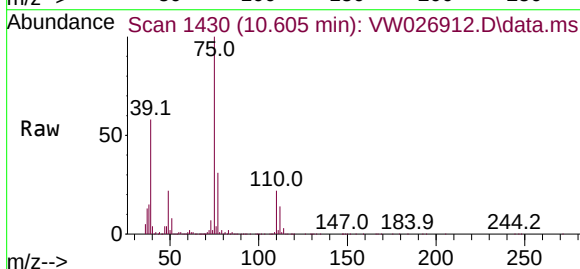
Acq: 25 Aug 2023 23:03

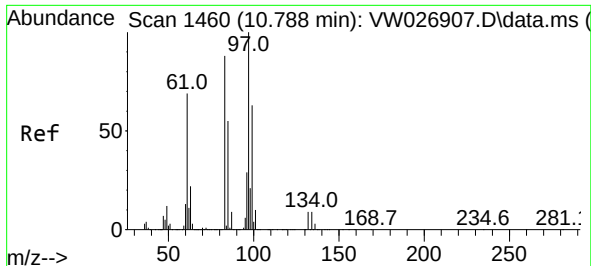
Tgt Ion: 75 Resp: 179121

Ion Ratio Lower Upper

75 100

77 31.1 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 22.841 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

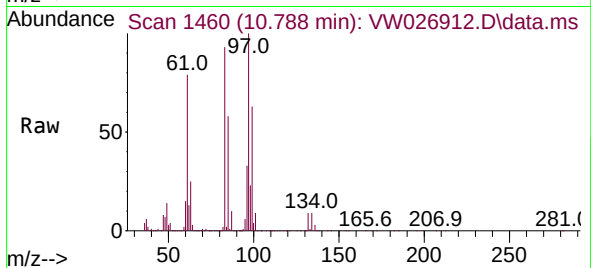
Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 102392

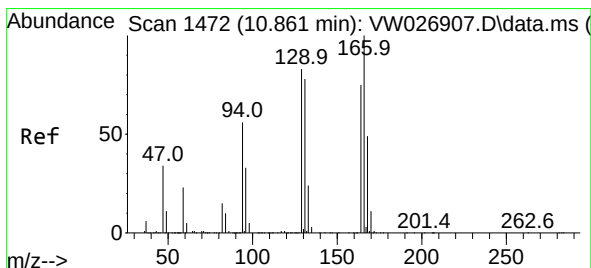
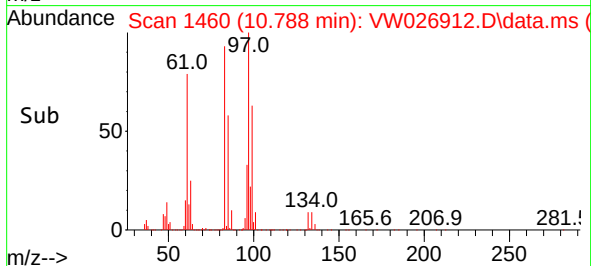
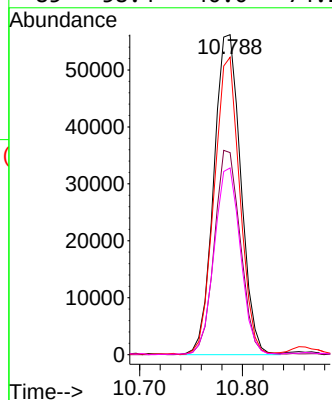
Ion Ratio Lower Upper

97 100

99 63.2 44.2 82.0

83 93.0 61.9 114.9

85 58.4 40.0 74.2



#46

Tetrachloroethene

Concen: 18.499 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Tgt Ion:164 Resp: 81911

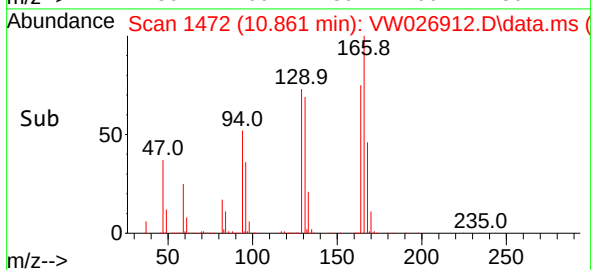
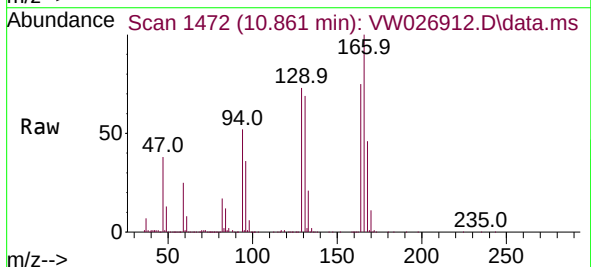
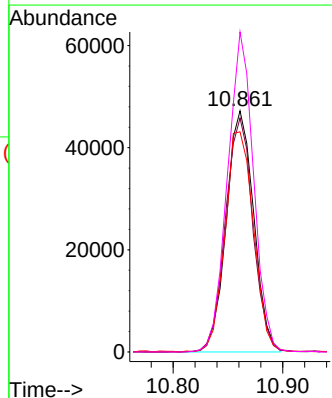
Ion Ratio Lower Upper

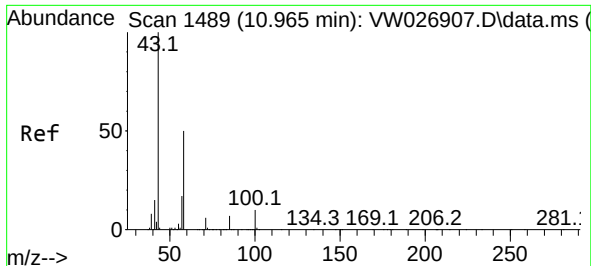
164 100

129 97.0 68.1 126.5

131 91.3 65.5 121.7

166 132.7 89.1 165.5

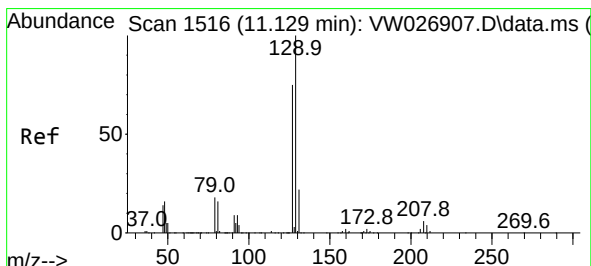
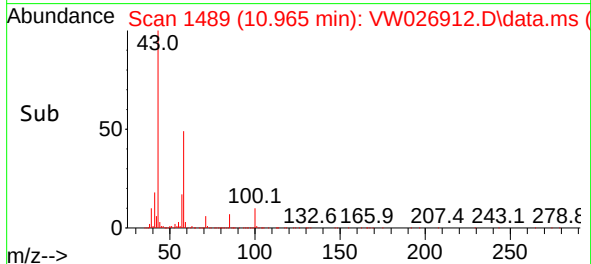
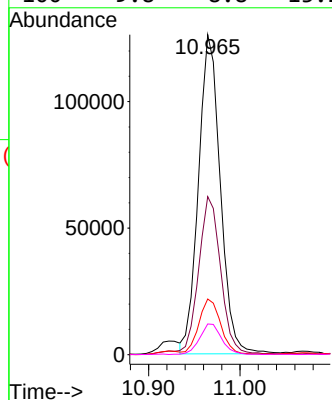
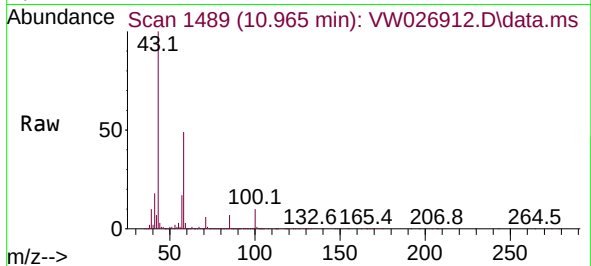




#48
2-Hexanone
Concen: 72.261 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

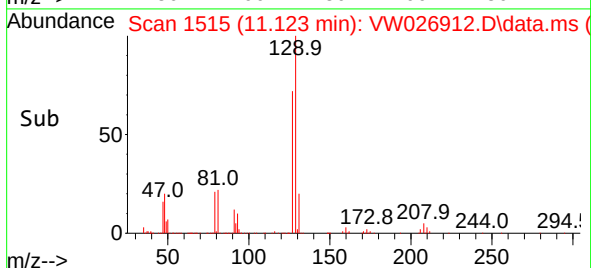
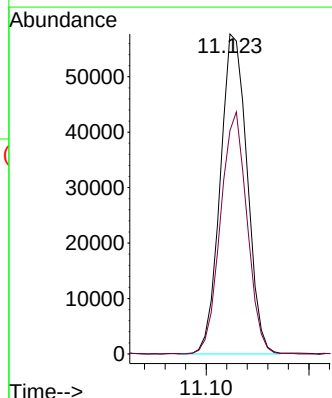
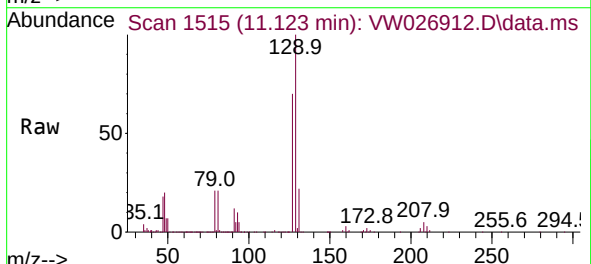
Instrument :
MSVOA_W
ClientSampleId :

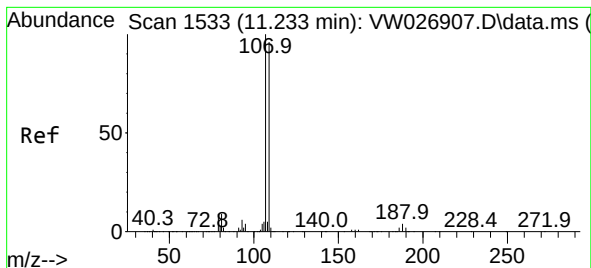
Tgt Ion: 43 Resp: 209643
Ion Ratio Lower Upper
43 100
58 49.9 41.1 61.7
57 17.6 14.3 21.5
100 9.8 8.8 13.2



#49
Dibromochloromethane
Concen: 22.330 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion: 129 Resp: 104696
Ion Ratio Lower Upper
129 100
127 69.8 56.6 105.2

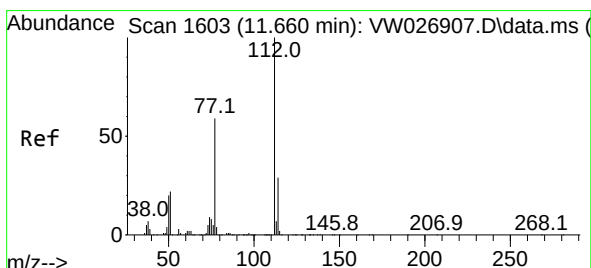
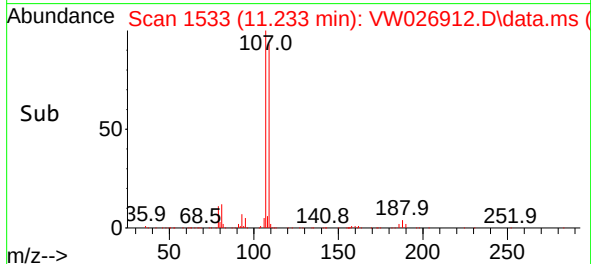
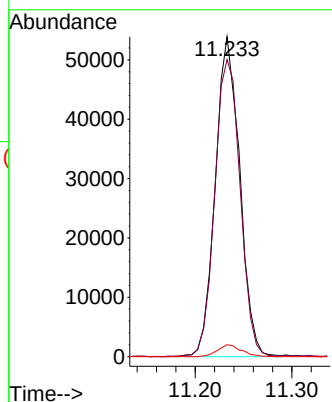
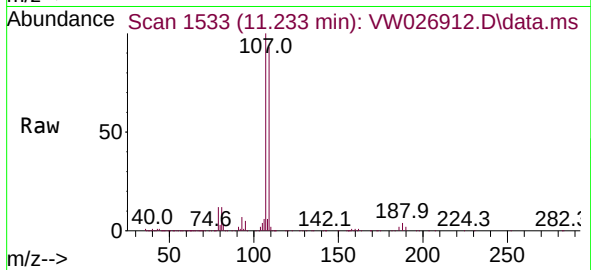




#50
1,2-Dibromoethane
Concen: 22.421 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

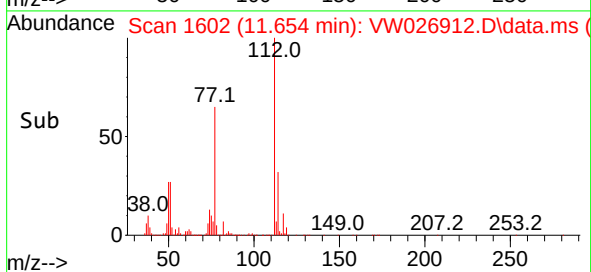
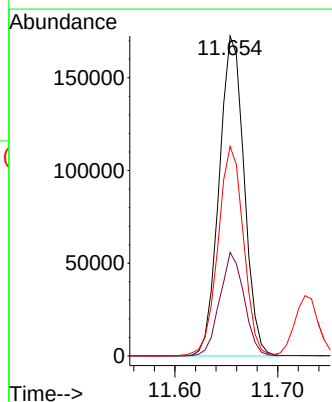
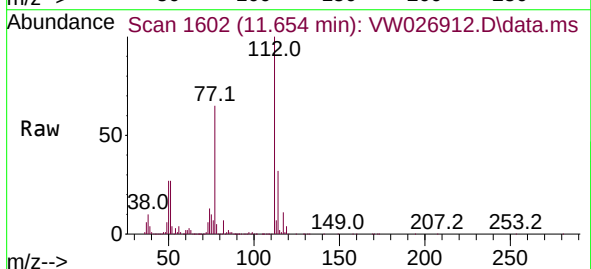
Instrument :
MSVOA_W
ClientSampleId :

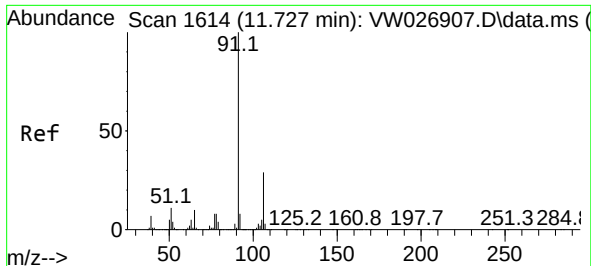
Tgt Ion:107 Resp: 94308
Ion Ratio Lower Upper
107 100
109 92.9 68.8 127.8
188 3.8 2.7 4.1



#51
Chlorobenzene
Concen: 19.042 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion:112 Resp: 291174
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 65.4 50.2 75.2

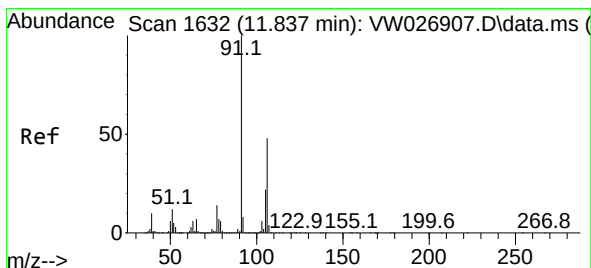
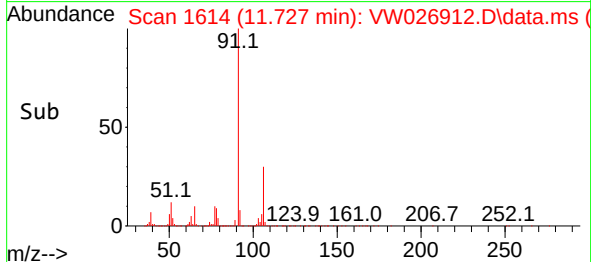
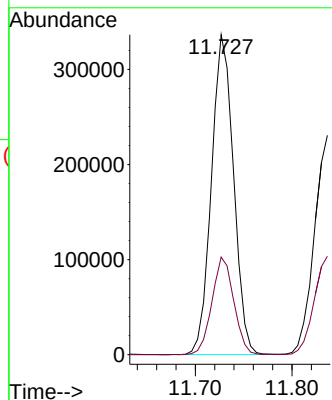
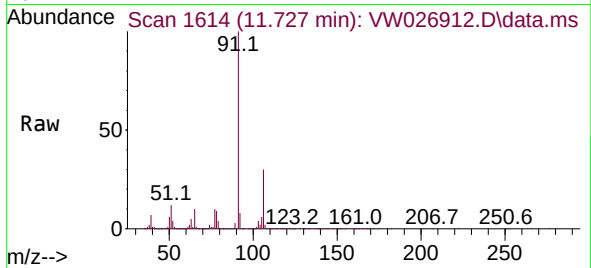




#52
Ethylbenzene
Concen: 19.695 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

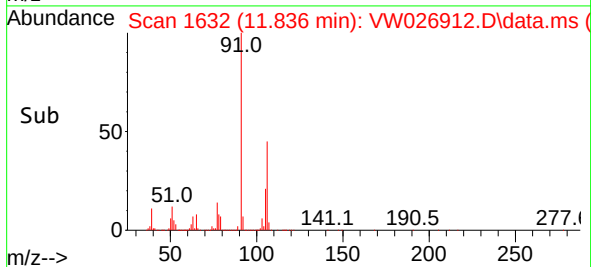
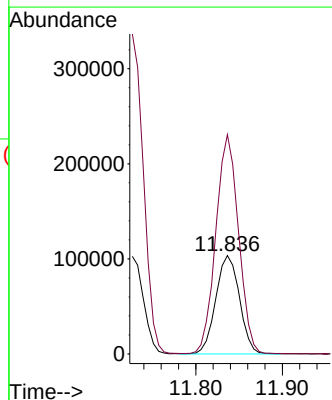
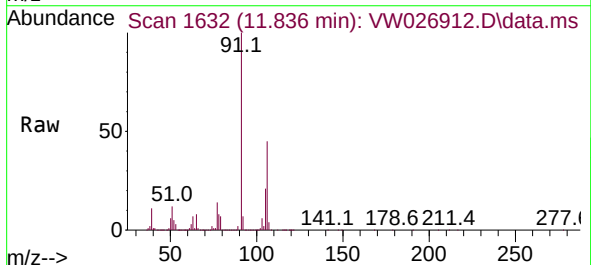
Instrument :
MSVOA_W
ClientSampleId :

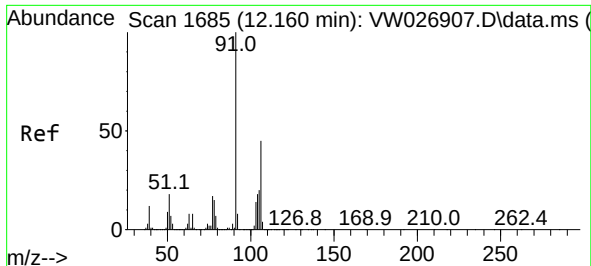
Tgt Ion: 91 Resp: 534656
Ion Ratio Lower Upper
91 100
106 30.5 20.2 37.6



#53
m,p-Xylene
Concen: 19.549 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion:106 Resp: 196606
Ion Ratio Lower Upper
106 100
91 222.7 152.9 284.1

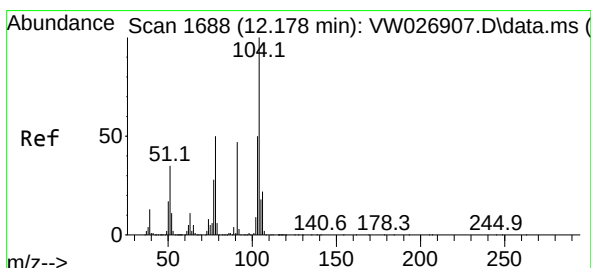
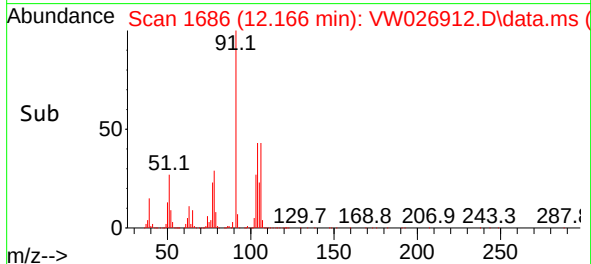
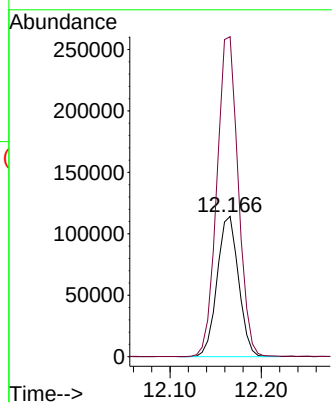
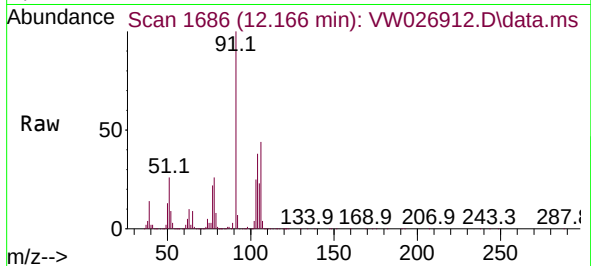




#54
o-Xylene
Concen: 19.874 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

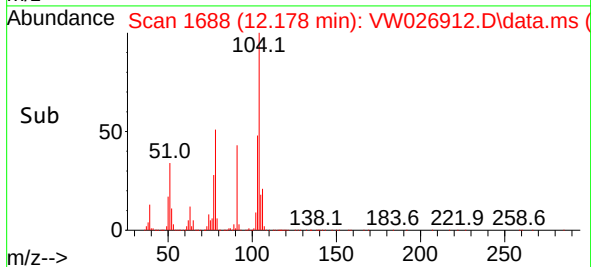
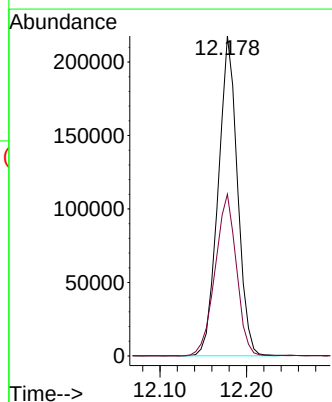
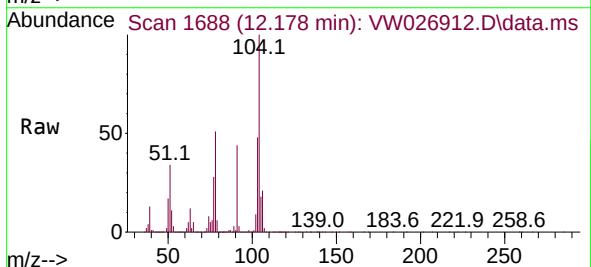
Instrument :
MSVOA_W
ClientSampleId :

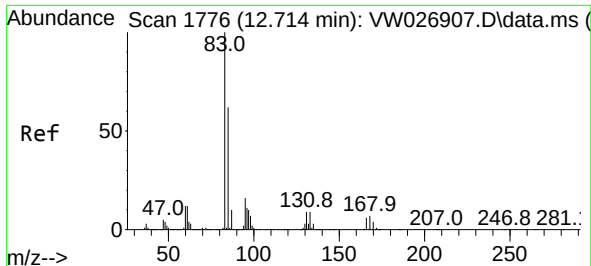
Tgt Ion:106 Resp: 186534
Ion Ratio Lower Upper
106 100
91 228.1 149.9 278.3



#55
Styrene
Concen: 20.637 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

Tgt Ion:104 Resp: 336786
Ion Ratio Lower Upper
104 100
78 50.5 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 26.538 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

ClientSampleId :

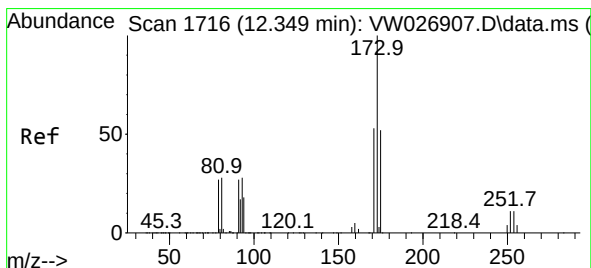
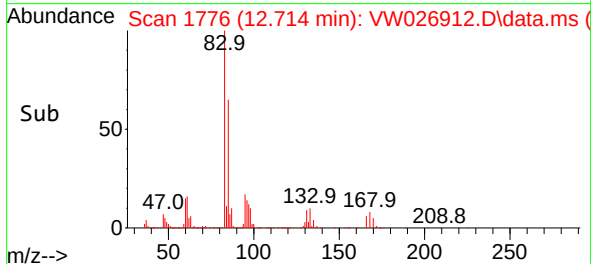
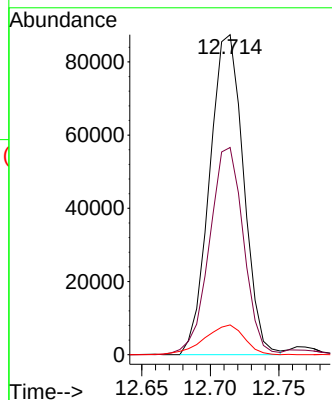
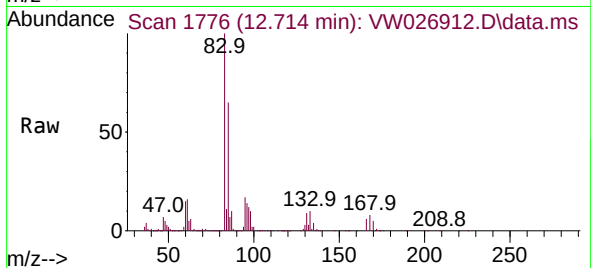
Tgt Ion: 83 Resp: 150664

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.3

131 9.3 7.4 11.0



#59

Bromoform

Concen: 22.486 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

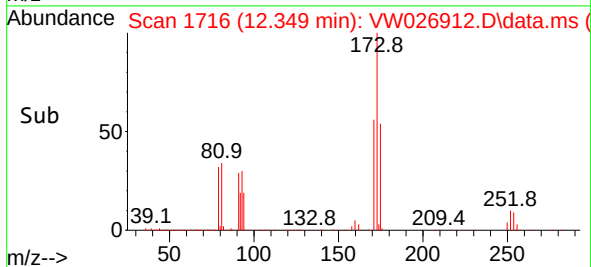
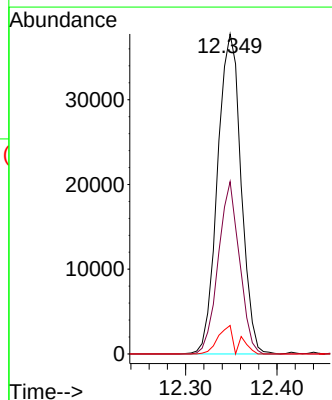
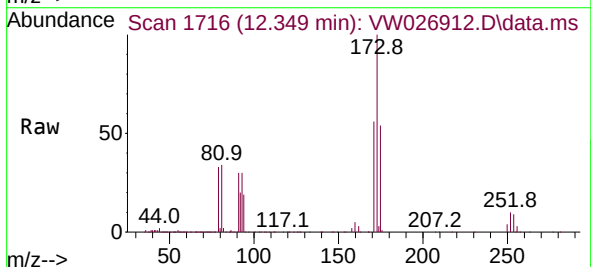
Tgt Ion: 173 Resp: 67597

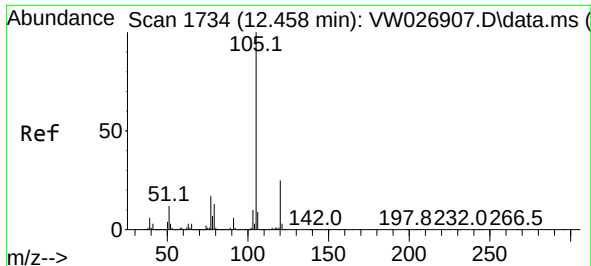
Ion Ratio Lower Upper

173 100

175 48.5 36.6 55.0

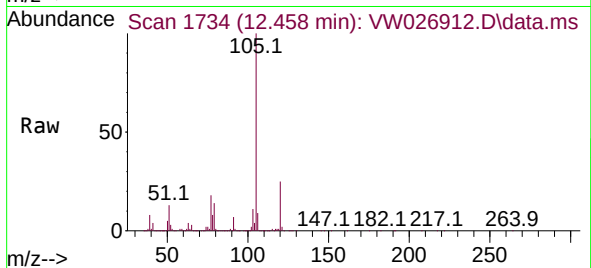
254 5.3 7.8 11.6#



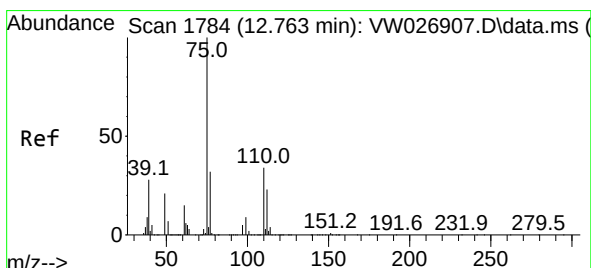
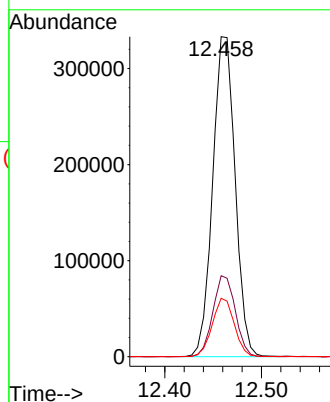
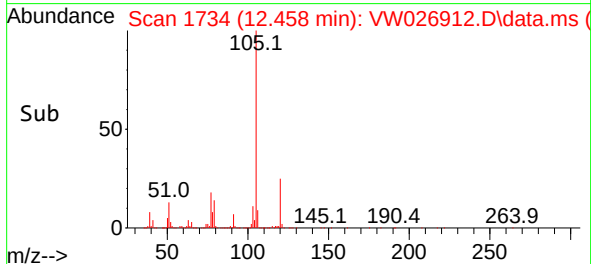


#60
Isopropylbenzene
Concen: 18.797 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

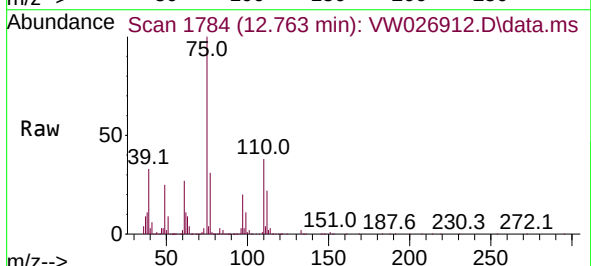
Instrument :
MSVOA_W
ClientSampleId :



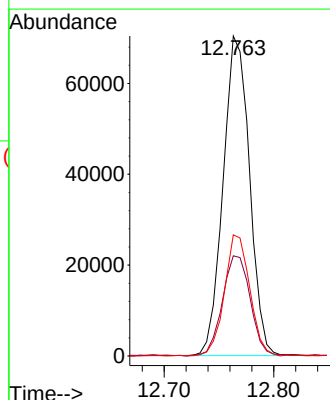
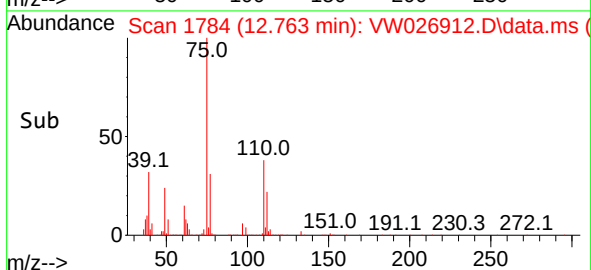
Tgt Ion:105 Resp: 536286
Ion Ratio Lower Upper
105 100
120 25.3 21.0 31.6
77 17.8 13.4 20.2

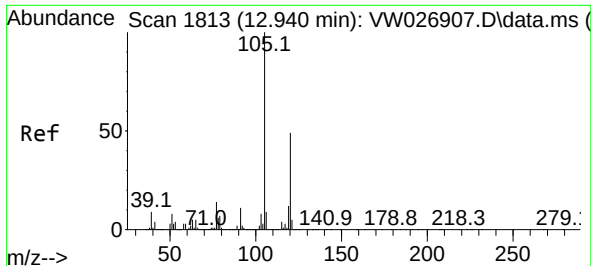


#61
1,2,3-Trichloropropane
Concen: 25.262 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03



Tgt Ion: 75 Resp: 117594
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
110 36.4 29.9 44.9

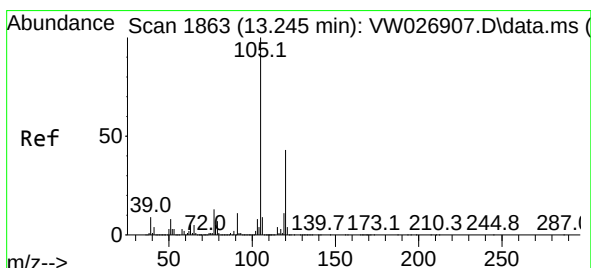
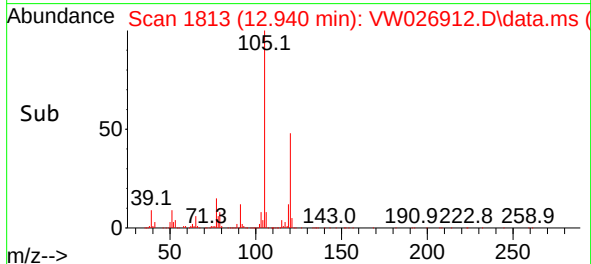
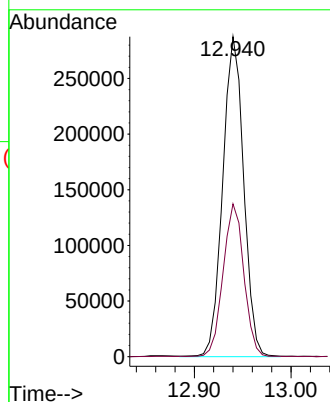
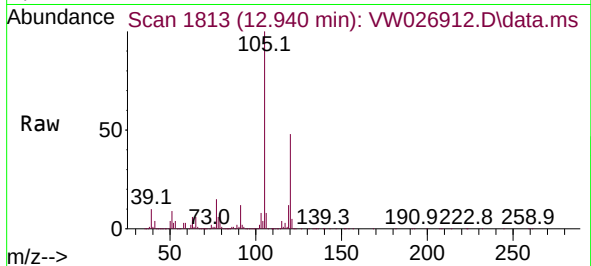




#62
 1,3,5-Trimethylbenzene
 Concen: 19.165 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

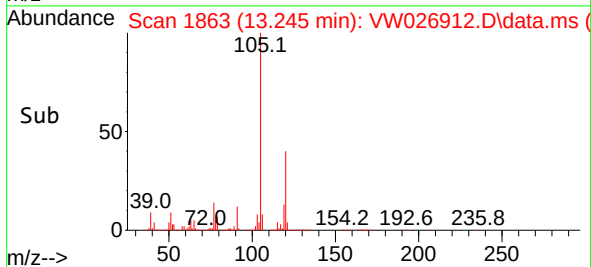
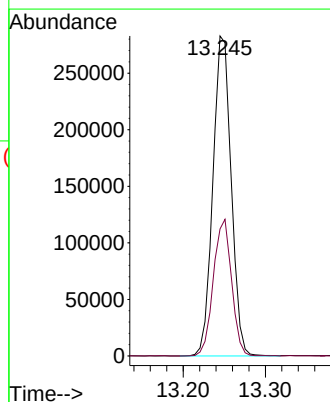
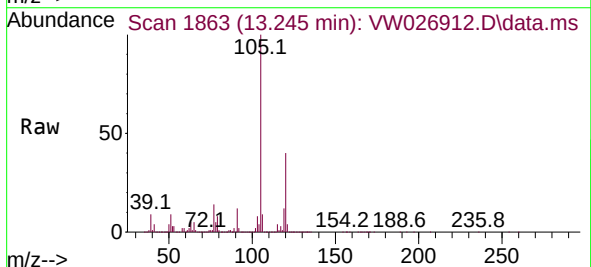
Instrument :
 MSVOA_W
 ClientSampleId :

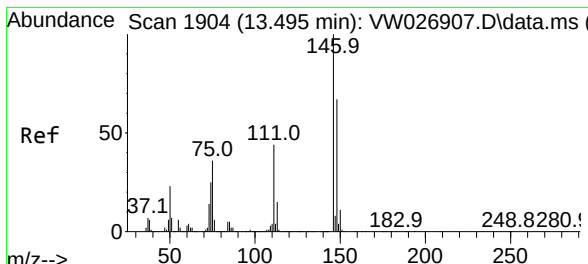
Tgt Ion:105 Resp: 432198
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 19.773 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

Tgt Ion:105 Resp: 436946
 Ion Ratio Lower Upper
 105 100
 120 42.5 36.2 54.4



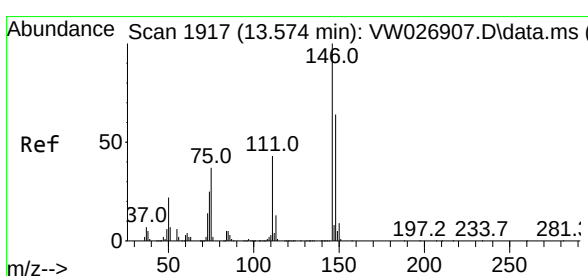
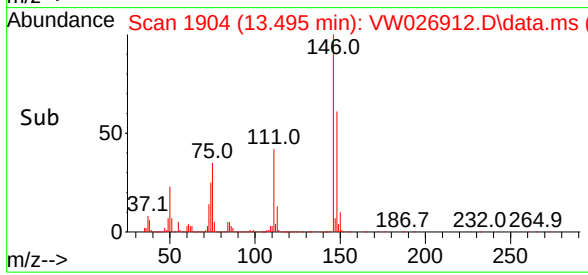
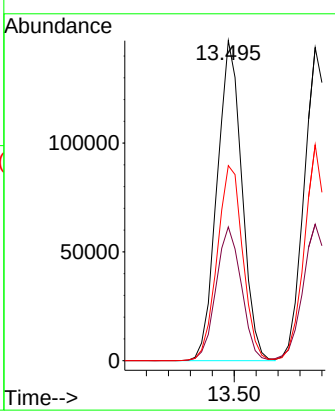
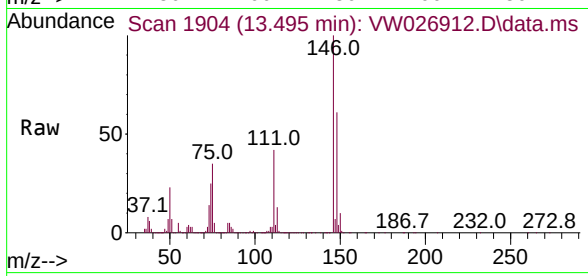


#64
 1,3-Dichlorobenzene
 Concen: 18.667 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 231621

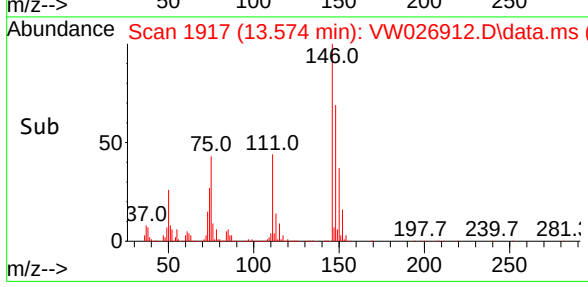
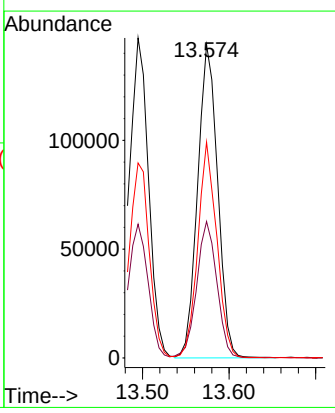
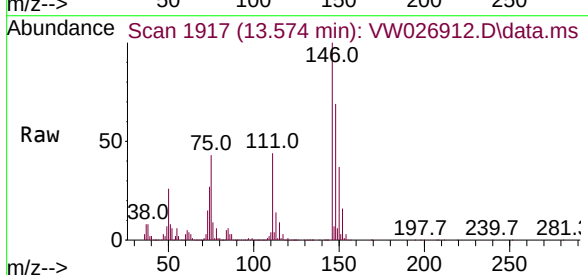
Ion	Ratio	Lower	Upper
146	100		
111	41.8	29.1	54.1
148	60.9	38.8	72.0

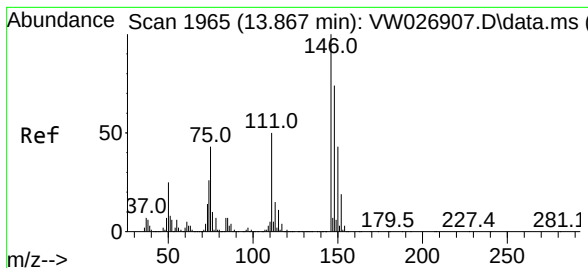


#65
 1,4-Dichlorobenzene
 Concen: 17.909 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW026912.D
 Acq: 25 Aug 2023 23:03

Tgt Ion:146 Resp: 231901

Ion	Ratio	Lower	Upper
146	100		
111	43.6	28.3	52.7
148	68.9	44.2	82.2





#67

1,2-Dichlorobenzene

Concen: 18.853 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

ClientSampleId :

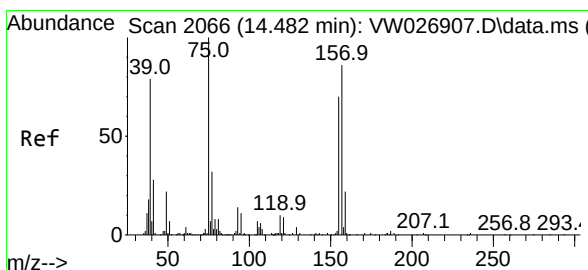
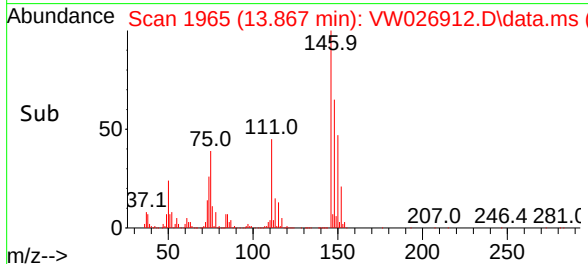
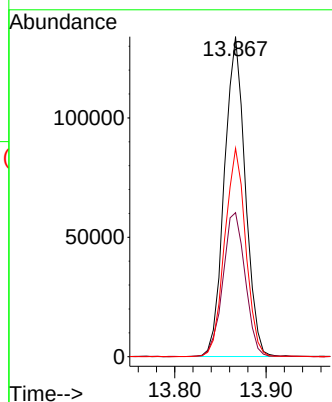
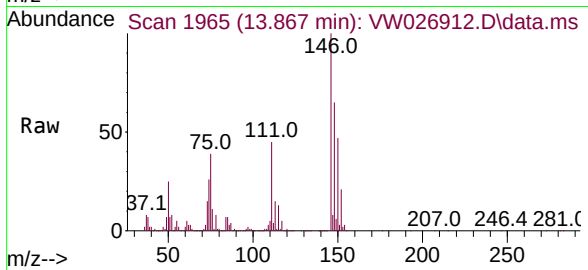
Tgt Ion:146 Resp: 212731

Ion Ratio Lower Upper

146 100

111 45.0 34.6 52.0

148 65.1 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.869 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

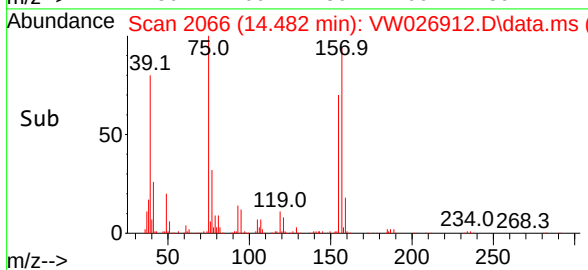
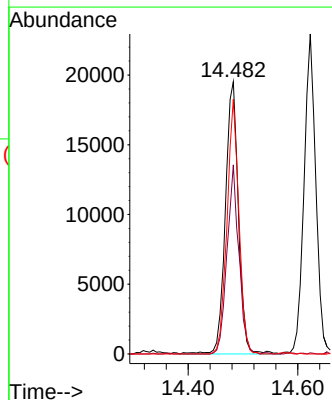
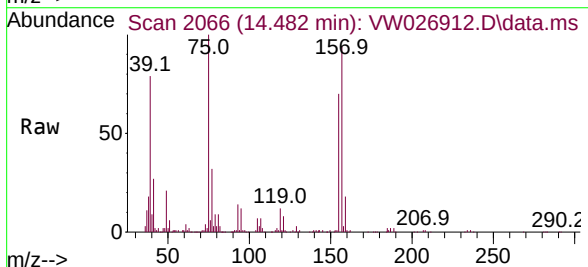
Tgt Ion: 75 Resp: 32397

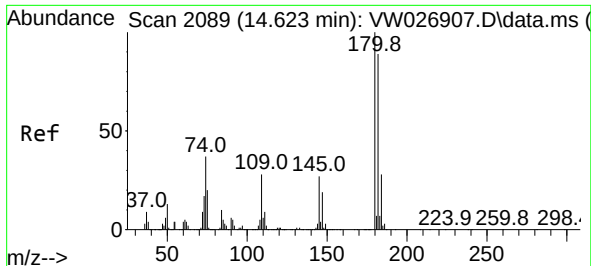
Ion Ratio Lower Upper

75 100

155 69.5 55.0 82.6

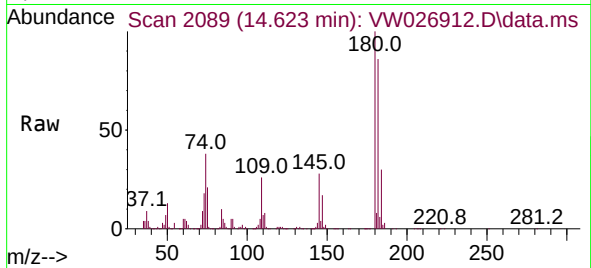
157 93.7 77.8 116.6



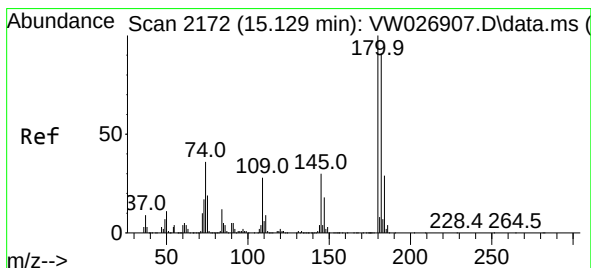
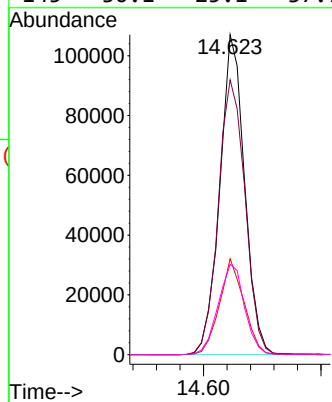
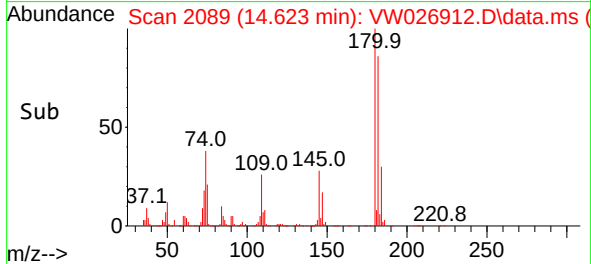


#69
1,3,5-Trichlorobenzene
Concen: 18.675 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03

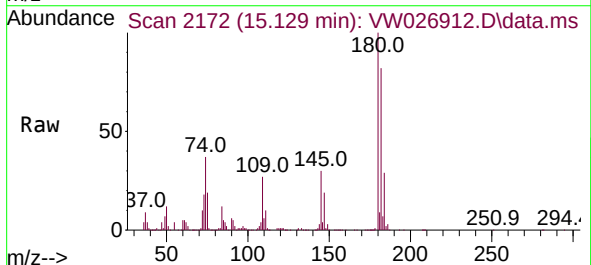
Instrument :
MSVOA_W
ClientSampleId :



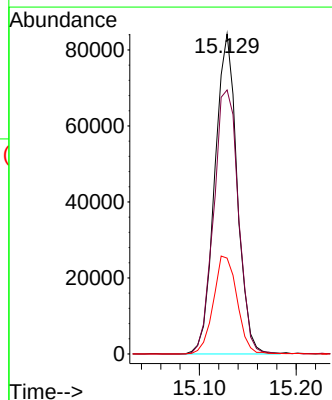
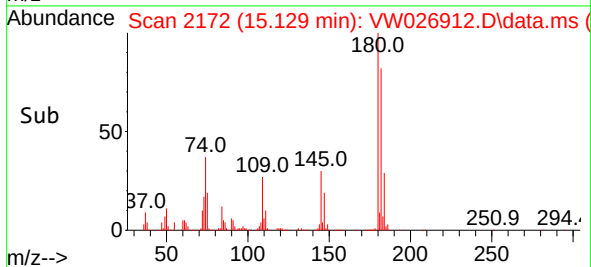
Tgt Ion:180 Resp: 156553
Ion Ratio Lower Upper
180 100
182 92.9 75.2 112.8
184 29.7 23.8 35.8
145 30.1 25.1 37.7

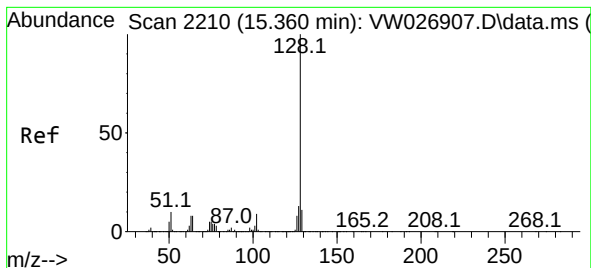


#70
1,2,4-trichlorobenzene
Concen: 19.011 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026912.D
Acq: 25 Aug 2023 23:03



Tgt Ion:180 Resp: 135118
Ion Ratio Lower Upper
180 100
182 91.2 72.5 108.7
145 32.5 24.7 37.1





#71

Naphthalene

Concen: 26.417 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Instrument :

MSVOA_W

ClientSampleId :

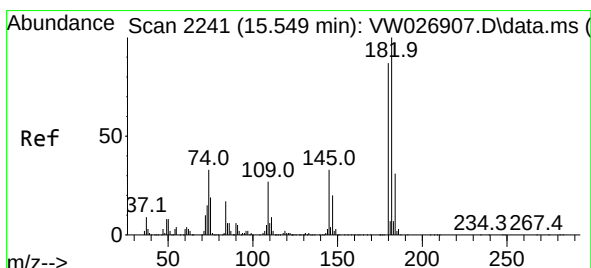
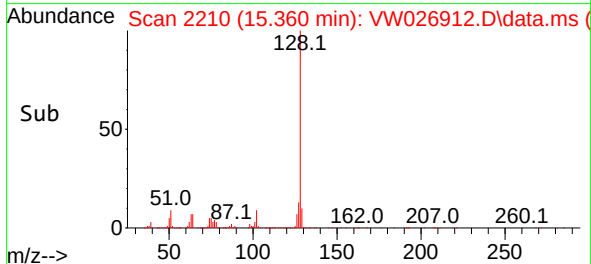
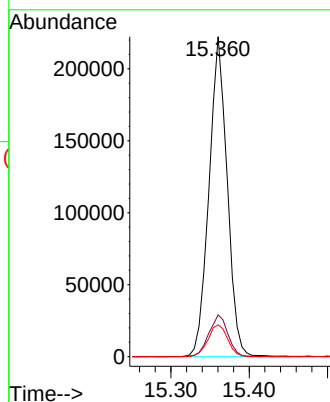
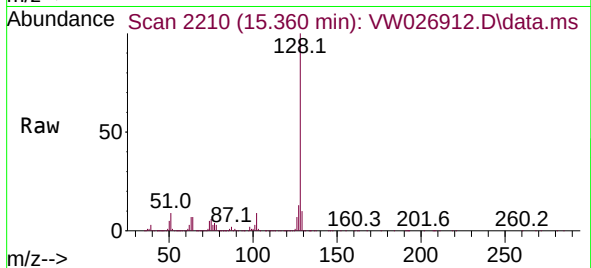
Tgt Ion:128 Resp: 358160

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 20.437 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026912.D

Acq: 25 Aug 2023 23:03

Tgt Ion:180 Resp: 131013

Ion Ratio Lower Upper

180 100

182 93.5 74.6 112.0

145 35.1 27.0 40.6

