

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026907.D
 Acq On : 25 Aug 2023 19:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 01:50:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 01:43:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	460822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	453286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	250014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	191199	25.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.960%	
7) Chloroethane-d5	2.893	69	151882	26.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.840%	
11) 1,1-Dichloroethene-d2	4.027	65	94622	25.396	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.600%	
21) 2-Butanone-d5	7.081	46	129904	59.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.320%	
24) Chloroform-d	7.648	84	455727	29.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.880%	
26) 1,2-Dichloroethane-d4	8.307	65	247803	29.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 116.120%	
32) Benzene-d6	8.276	84	884571	28.315	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 113.280%	
36) 1,2-Dichloropropane-d6	9.276	67	285357	29.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 117.280%	
41) Toluene-d8	10.319	98	754747	28.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 112.560%	
43) trans-1,3-Dichloroprop...	10.575	79	108240	26.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.760%	
47) 2-Hexanone-d5	10.922	63	66790	65.320	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.640%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	226898	29.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.120%	
66) 1,2-Dichlorobenzene-d4	13.848	152	248145	27.730	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	144904	23.128	ug/L	# 84
3) Chloromethane	2.229	50	229883	26.833	ug/L	100
5) Vinyl chloride	2.375	62	224428	27.402	ug/L	97
6) Bromomethane	2.783	94	121863	25.539	ug/L	97
8) Chloroethane	2.936	64	131566	26.810	ug/L	97
9) Trichlorofluoromethane	3.265	101	178692	26.586	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	200922	27.674	ug/L	91
12) 1,1-Dichloroethene	4.051	96	182319	26.767	ug/L	92
13) Acetone	4.125	43	97548	45.059	ug/L	98
14) Carbon disulfide	4.393	76	544015	22.201	ug/L	99
15) Methyl Acetate	4.673	43	120948	27.890	ug/L	98
16) Methylene chloride	4.923	84	264056	29.622	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	204521	26.908	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	355581	30.919	ug/L	99
19) 1,1-Dichloroethane	6.216	63	460132	29.414	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	234031	28.646	ug/L	94
22) 2-Butanone	7.173	43	161445	50.603	ug/L	100
23) Bromochloromethane	7.514	128	95656	27.105	ug/L	92
25) Chloroform	7.673	83	430930	28.514	ug/L	99

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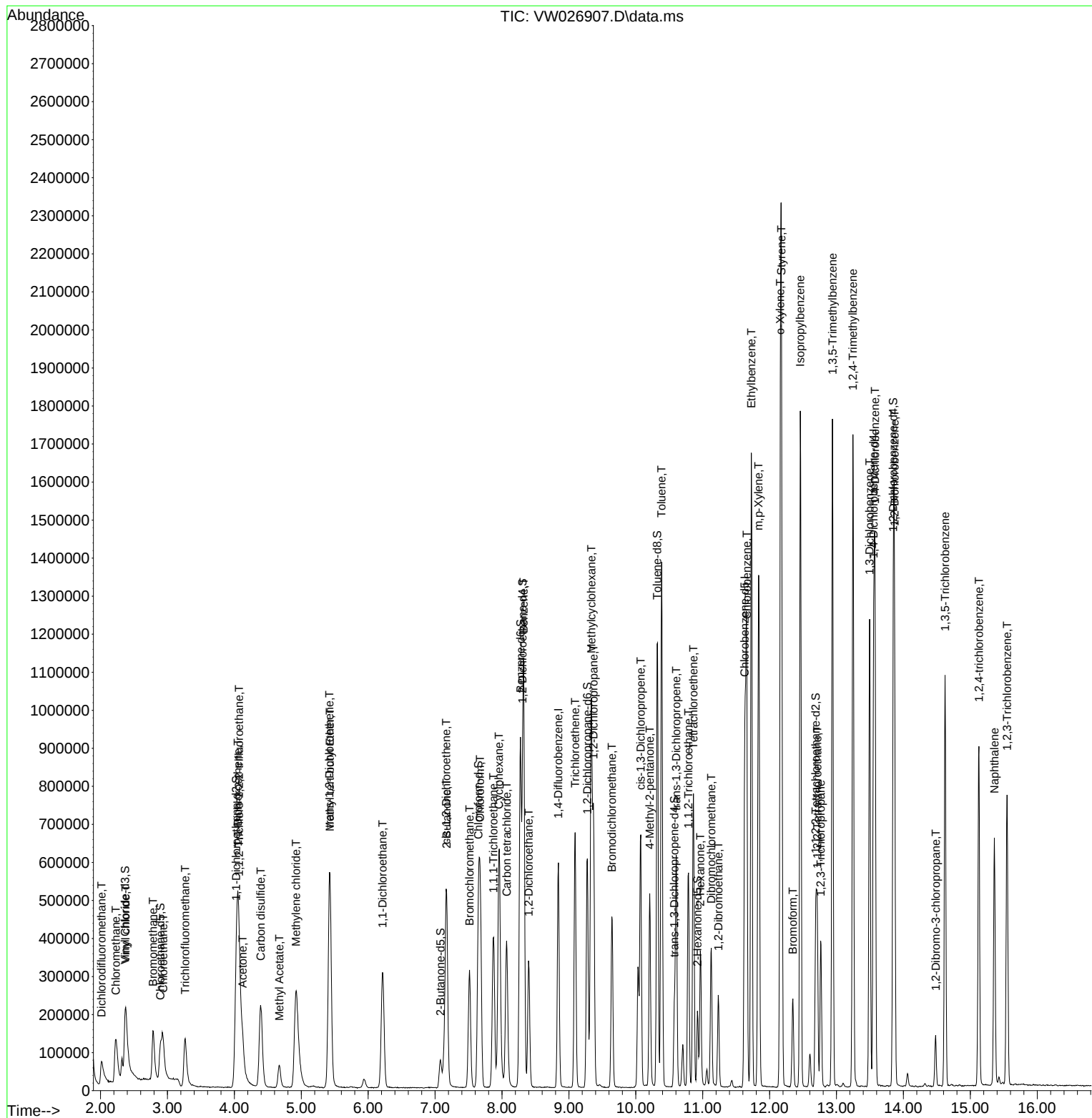
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27) 1,2-Dichloroethane	8.398	62	301789	28.624	ug/L	98
29) Cyclohexane	7.953	56	388410	27.708	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	328555	27.773	ug/L	100
31) Carbon tetrachloride	8.069	117	292145	27.009	ug/L	94
33) Benzene	8.325	78	944335	28.608	ug/L	100
34) Trichloroethene	9.093	95	235086	27.963	ug/L	98
35) Methylcyclohexane	9.337	83	391226	27.202	ug/L	99
37) 1,2-Dichloropropane	9.367	63	264380	29.240	ug/L	100
38) Bromodichloromethane	9.642	83	304515	28.710	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	382109	29.377	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	350194	59.544	ug/L	99
42) Toluene	10.386	91	969271	29.027	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	325947	29.114	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	173815	28.109	ug/L	99
46) Tetrachloroethene	10.861	164	163589	26.784	ug/L	91
48) 2-Hexanone	10.965	43	240792	60.169	ug/L	99
49) Dibromochloromethane	11.129	129	183468	28.368	ug/L	93
50) 1,2-Dibromoethane	11.233	107	157129	27.081	ug/L	98
51) Chlorobenzene	11.660	112	603252	28.600	ug/L	96
52) Ethylbenzene	11.727	91	1113914	29.747	ug/L	100
53) m,p-Xylene	11.837	106	397521	28.655	ug/L	95
54) o-Xylene	12.160	106	387279	29.912	ug/L	93
55) Styrene	12.178	104	682399	30.313	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	219540	28.034	ug/L	98
59) Bromoform	12.349	173	101997	26.043	ug/L	99
60) Isopropylbenzene	12.458	105	1091374	29.361	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	160016	26.385	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	881876	30.016	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	884014	30.705	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	444201	27.478	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	454957	26.968	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	397672	27.052	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	35467	24.259	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	306309	28.046	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	265101	28.629	ug/L	98
71) Naphthalene	15.360	128	511140	28.938	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	227168	27.199	ug/L	96

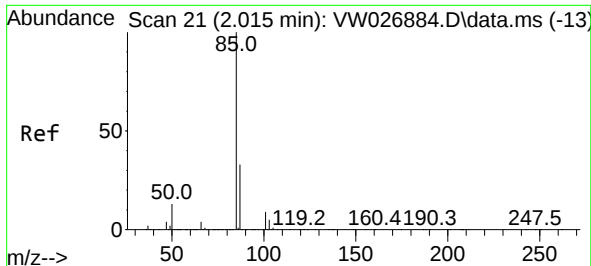
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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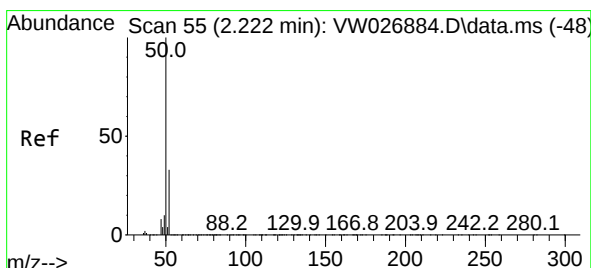
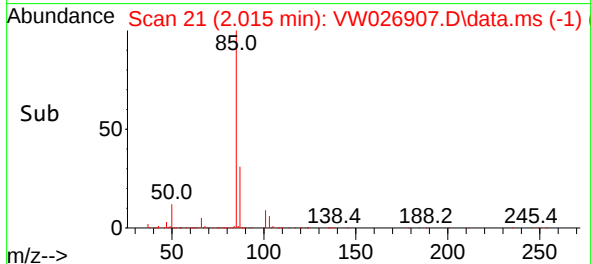
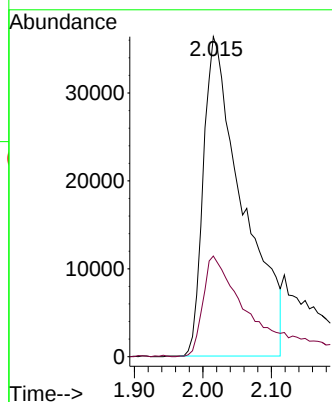
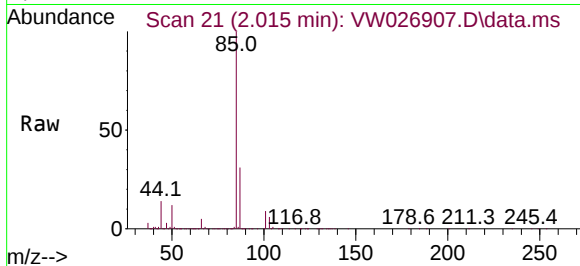




#2
 Dichlorodifluoromethane
 Concen: 23.128 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

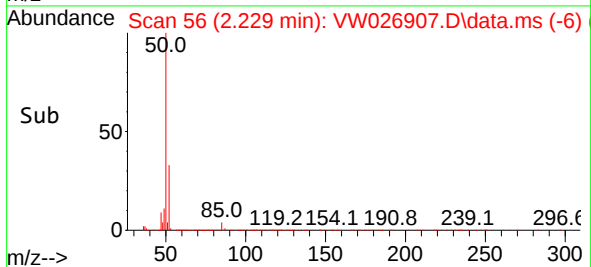
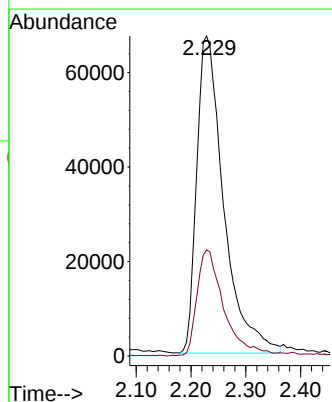
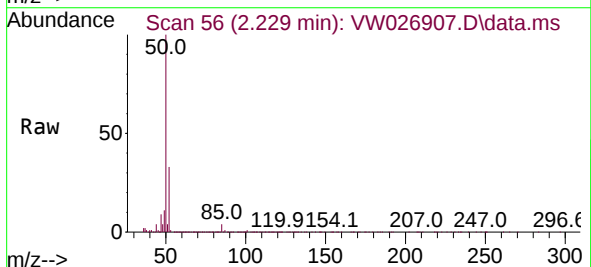
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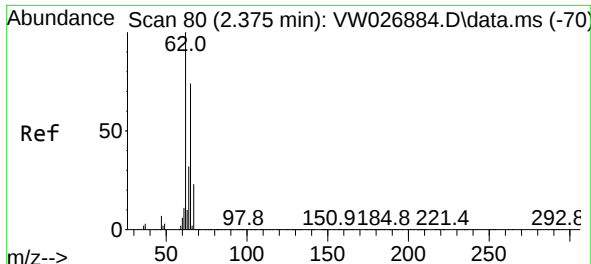
Tgt Ion: 85 Resp: 144904
 Ion Ratio Lower Upper
 85 100
 87 32.4 19.5 29.3#



#3
 Chloromethane
 Concen: 26.833 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

Tgt Ion: 50 Resp: 229883
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8

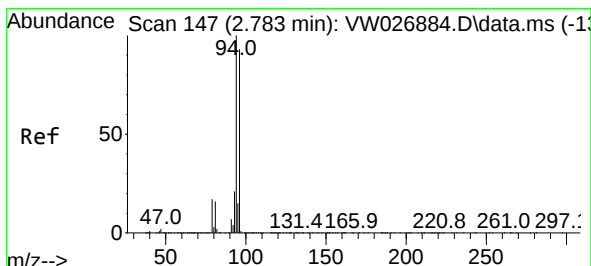
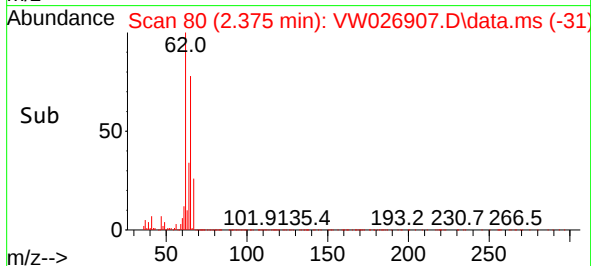
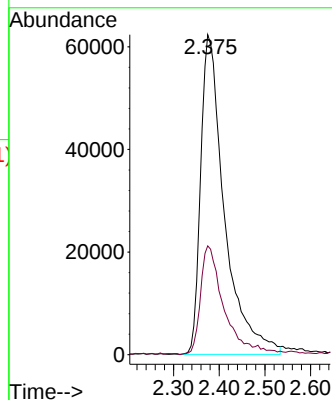
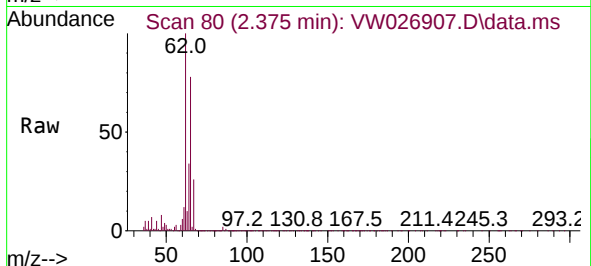




#5
 Vinyl chloride
 Concen: 27.402 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

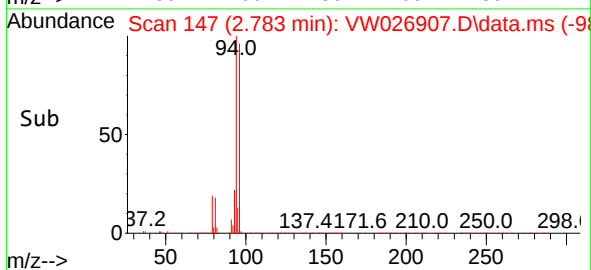
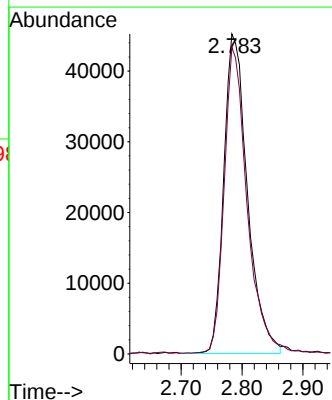
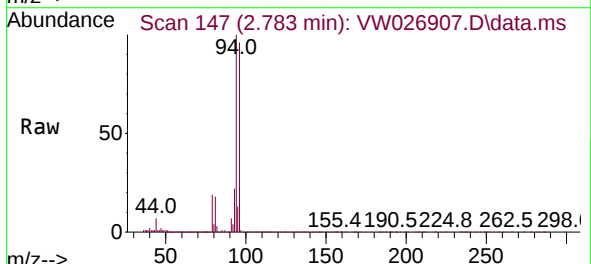
Instrument :
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 ClientSampleId :

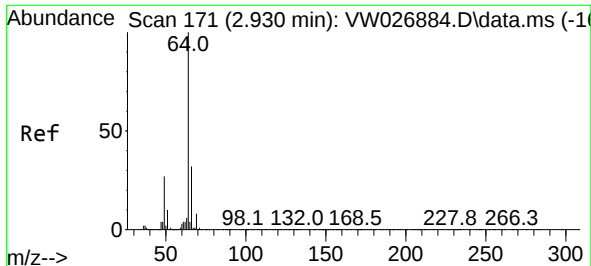
Tgt Ion: 62 Resp: 224428
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.7 42.3



#6
 Bromomethane
 Concen: 25.539 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

Tgt Ion: 94 Resp: 121863
 Ion Ratio Lower Upper
 94 100
 96 95.8 64.8 120.3

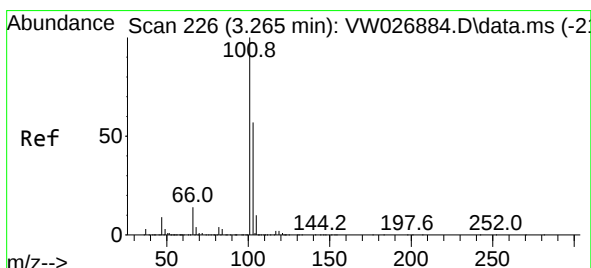
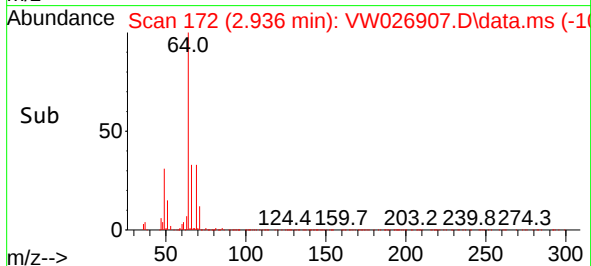
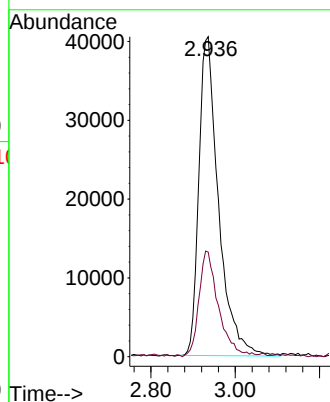
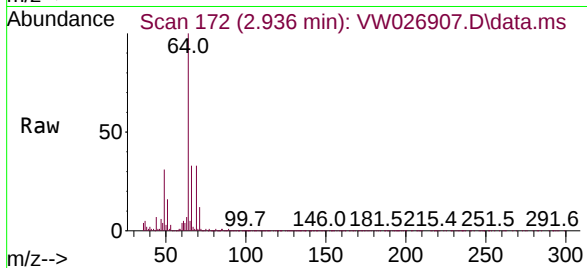




#8
Chloroethane
Concen: 26.810 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

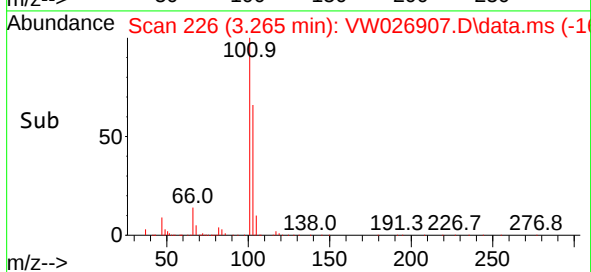
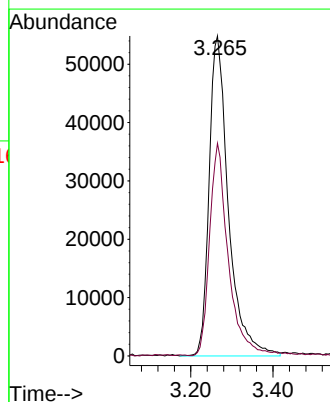
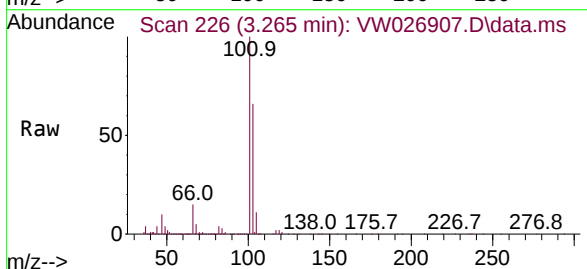
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ClientSampleId :

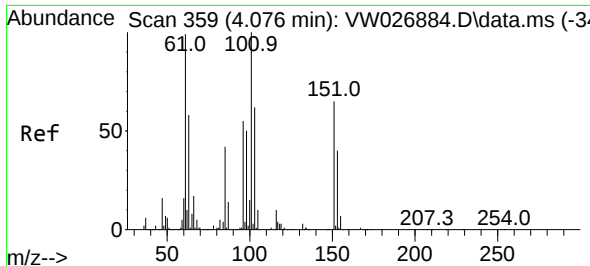
Tgt Ion: 64 Resp: 131566
Ion Ratio Lower Upper
64 100
66 32.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.586 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion:101 Resp: 178692
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

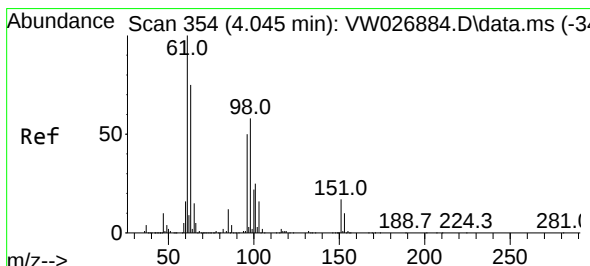
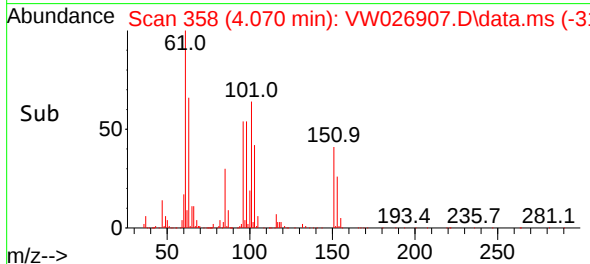
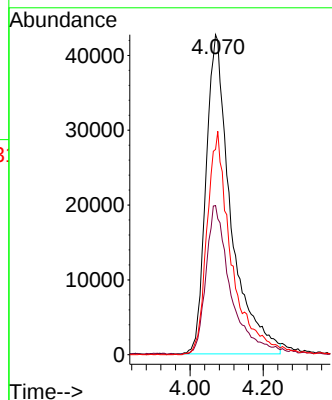
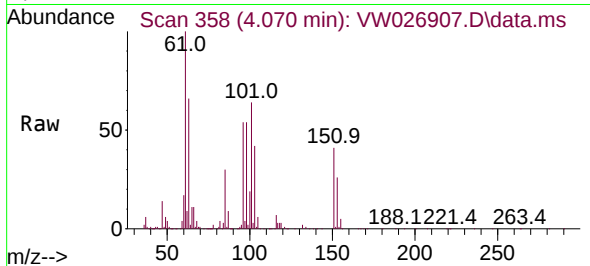




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.674 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

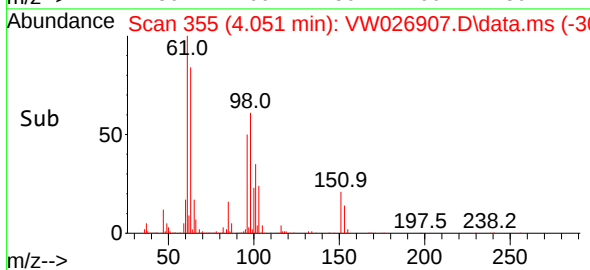
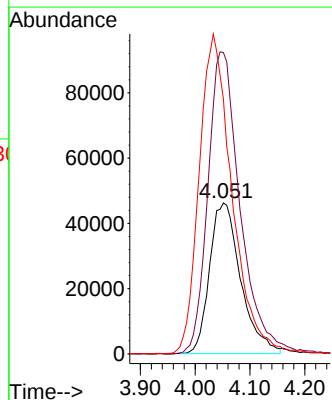
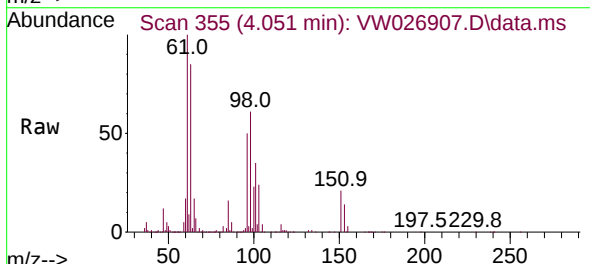
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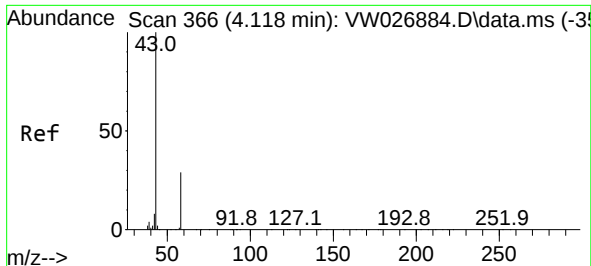
Tgt Ion:101 Resp: 200922
 Ion Ratio Lower Upper
 101 100
 85 45.2 32.8 49.2
 151 60.2 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 26.767 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

Tgt Ion: 96 Resp: 182319
 Ion Ratio Lower Upper
 96 100
 61 199.5 133.2 247.4
 63 168.7 109.0 202.4

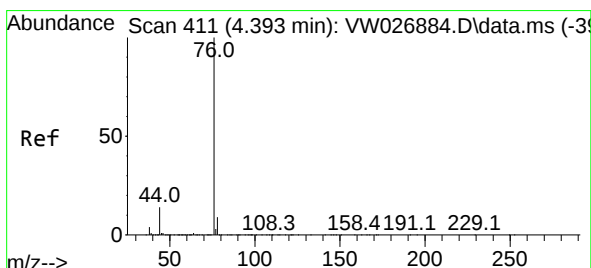
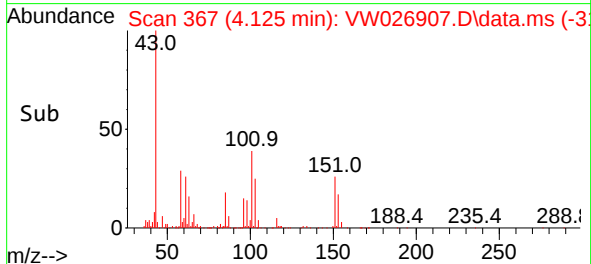
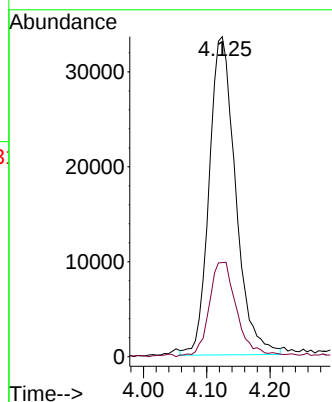
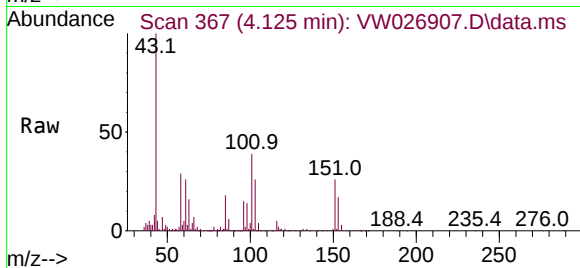




#13
Acetone
Concen: 45.059 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026907.D
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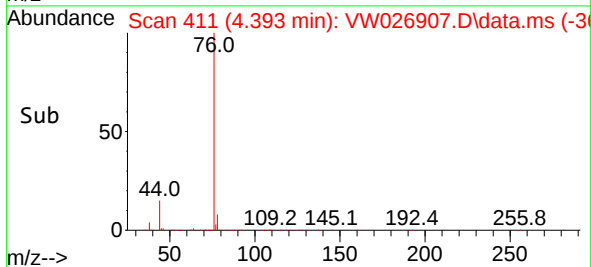
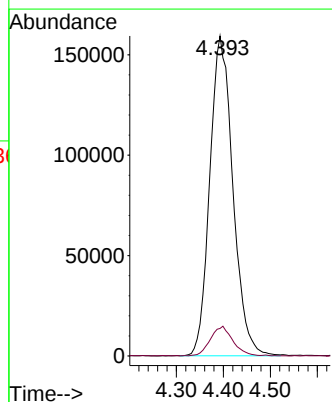
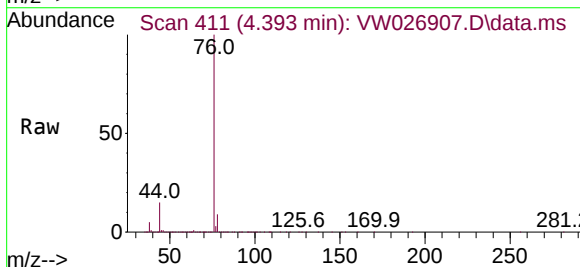
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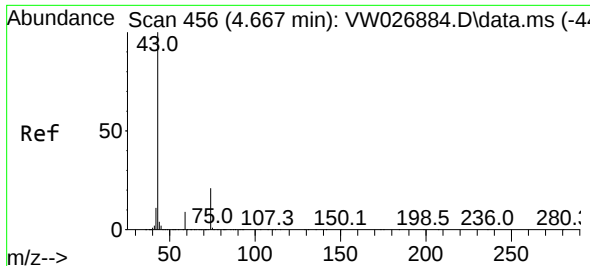
Tgt Ion: 43 Resp: 97548
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.4



#14
Carbon disulfide
Concen: 22.201 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 544015
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

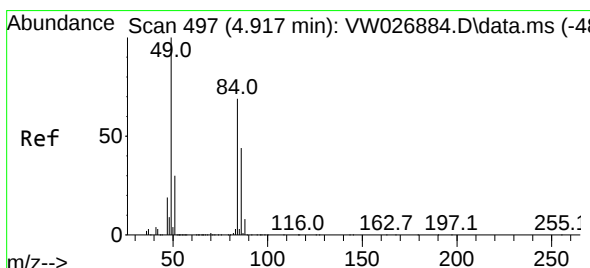
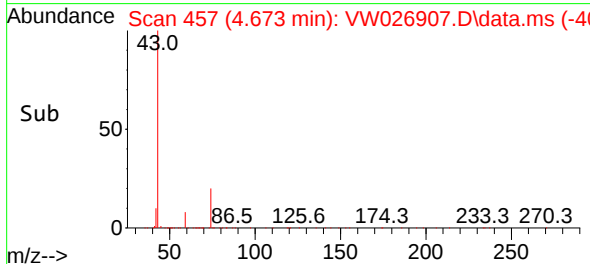
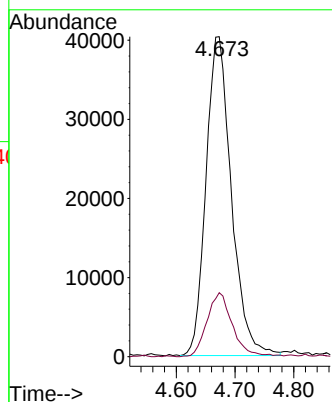
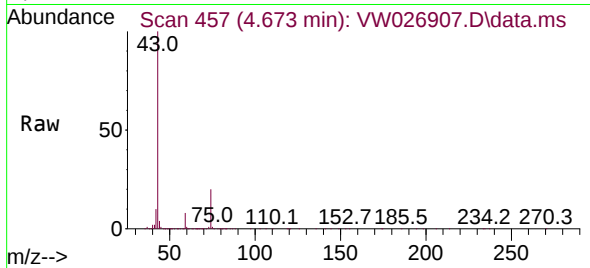




#15
Methyl Acetate
Concen: 27.890 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

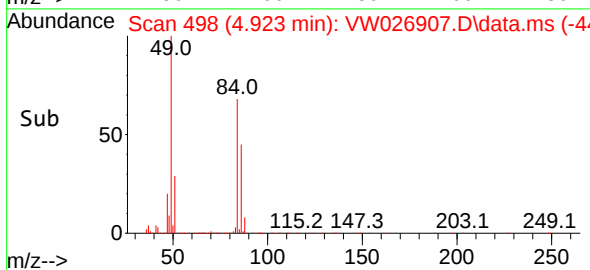
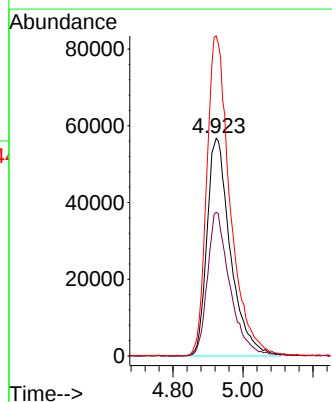
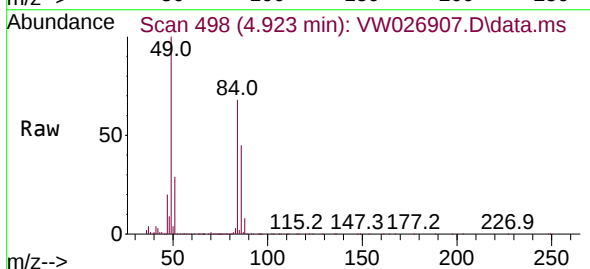
Instrument :
MSVOA_W
ClientSampleId :

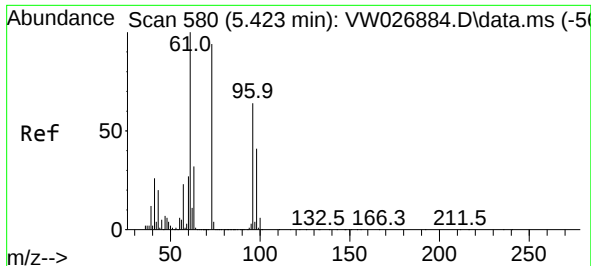
Tgt Ion: 43 Resp: 120948
Ion Ratio Lower Upper
43 100
74 19.6 16.4 24.6



#16
Methylene chloride
Concen: 29.622 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion: 84 Resp: 264056
Ion Ratio Lower Upper
84 100
86 66.0 43.5 80.9
49 147.0 96.0 178.2

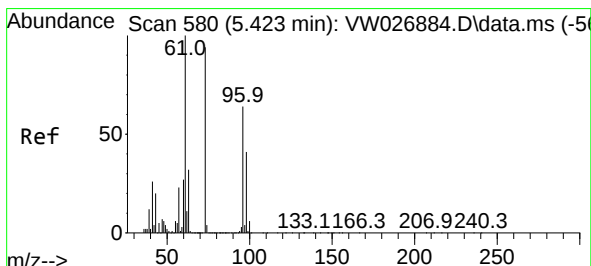
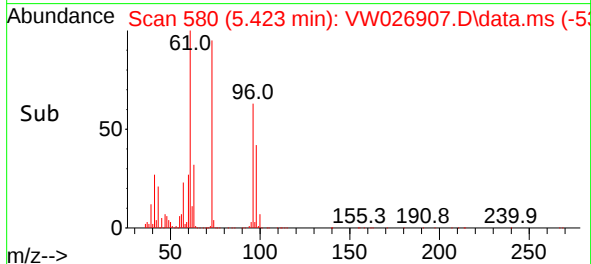
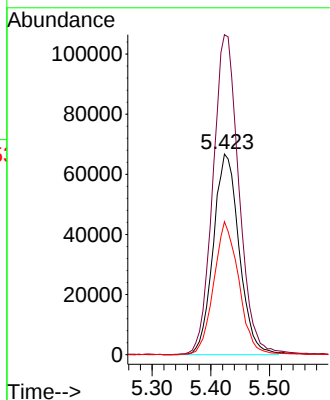
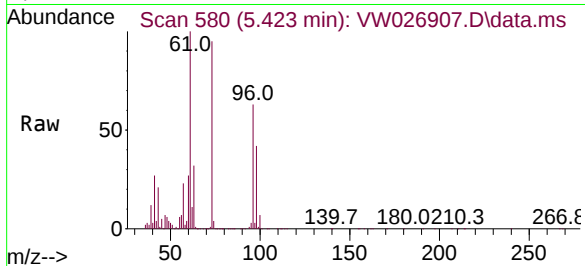




#17
trans-1,2-Dichloroethene
Concen: 26.908 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

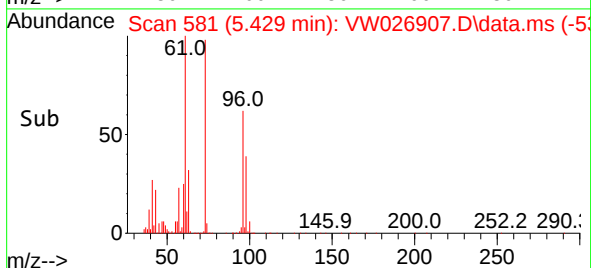
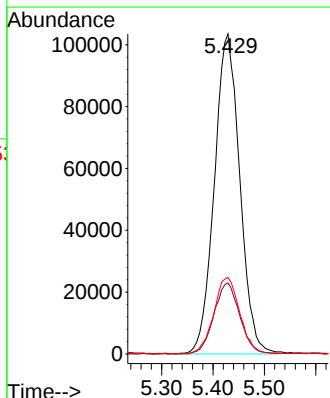
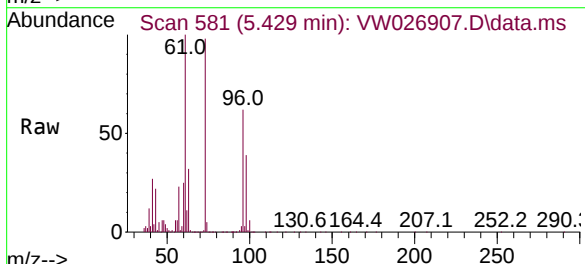
Instrument :
MSVOA_W
ClientSampleId :

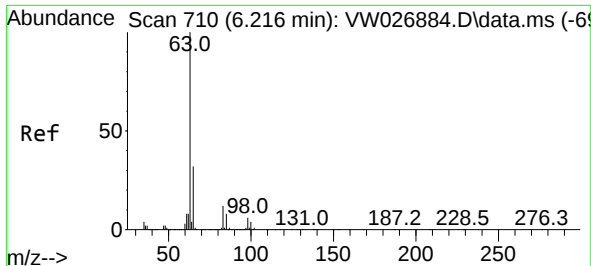
Tgt Ion: 96 Resp: 204521
Ion Ratio Lower Upper
96 100
61 159.5 109.4 203.2
98 66.2 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 30.919 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion: 73 Resp: 355581
Ion Ratio Lower Upper
73 100
43 22.7 18.0 27.0
57 24.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 29.414 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

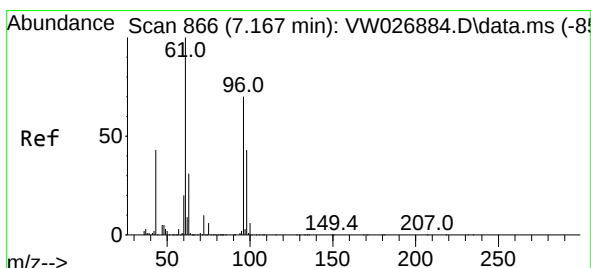
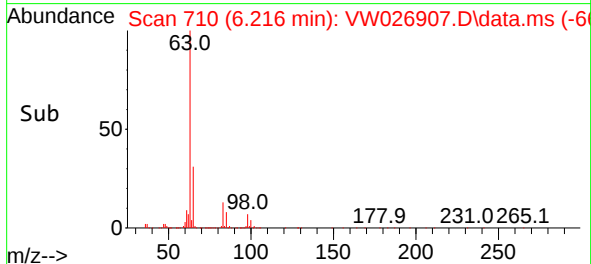
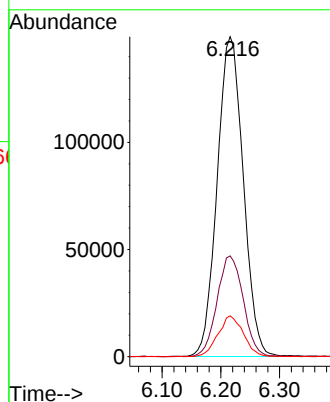
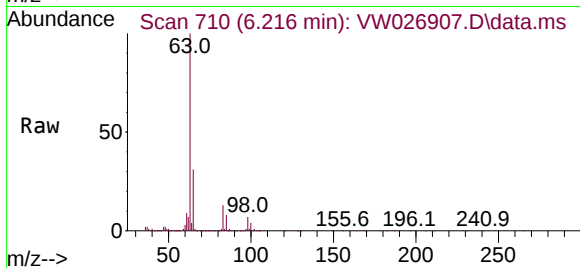
Tgt Ion: 63 Resp: 460132

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 28.646 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

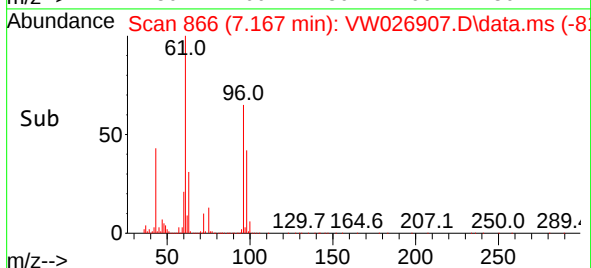
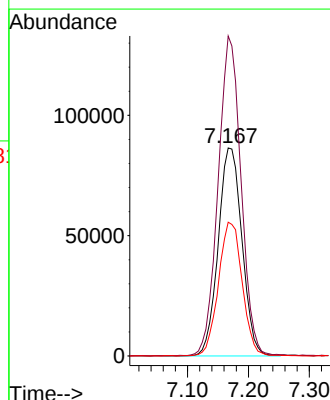
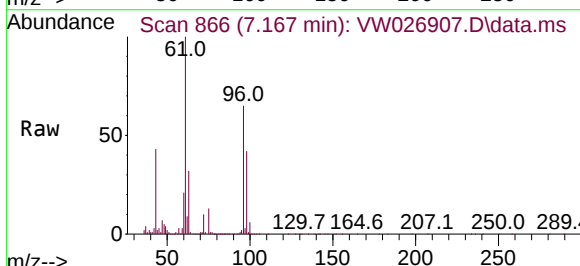
Tgt Ion: 96 Resp: 234031

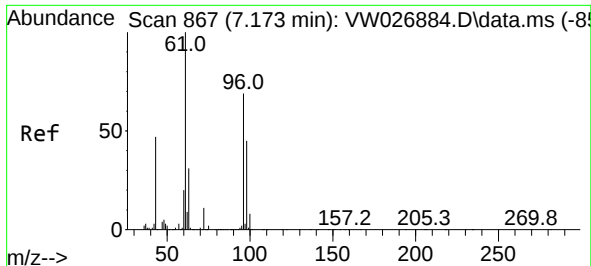
Ion Ratio Lower Upper

96 100

61 153.8 101.2 188.0

98 64.3 43.8 81.3

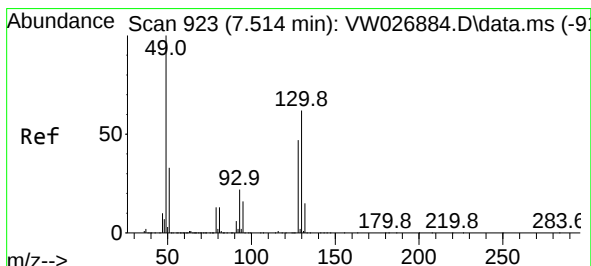
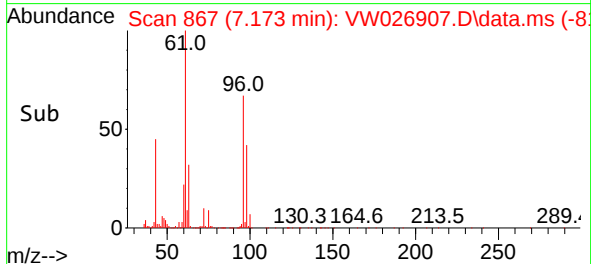
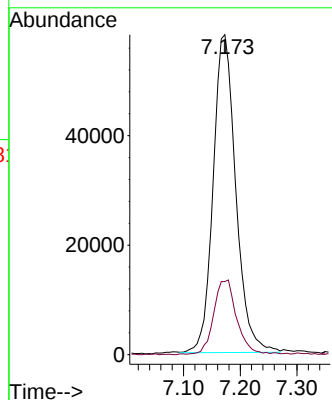
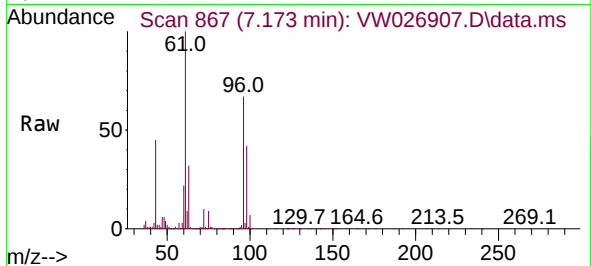




#22
2-Butanone
Concen: 50.603 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

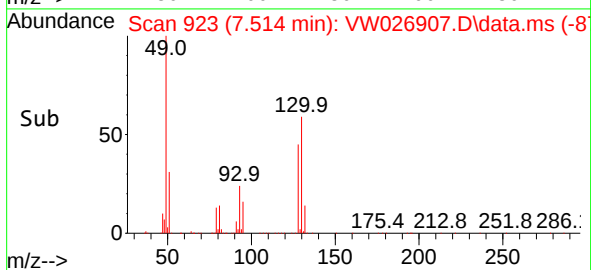
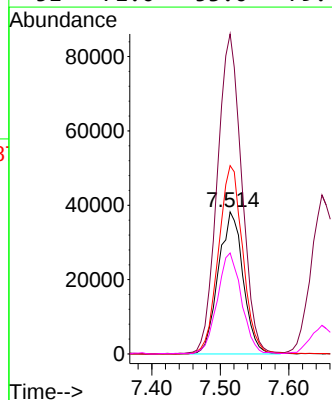
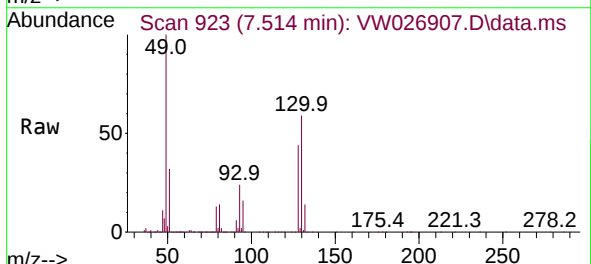
Instrument :
MSVOA_W
ClientSampleId :

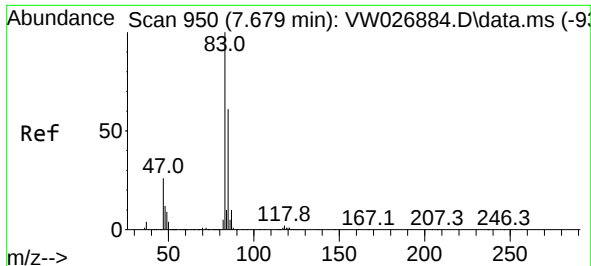
Tgt Ion: 43 Resp: 161445
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.4



#23
Bromochloromethane
Concen: 27.105 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion: 128 Resp: 95656
Ion Ratio Lower Upper
128 100
49 225.2 143.1 265.7
130 132.5 91.8 170.4
51 71.0 53.0 79.4

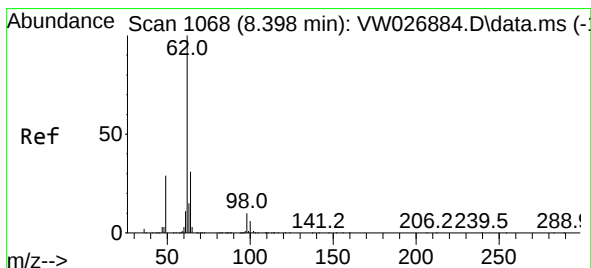
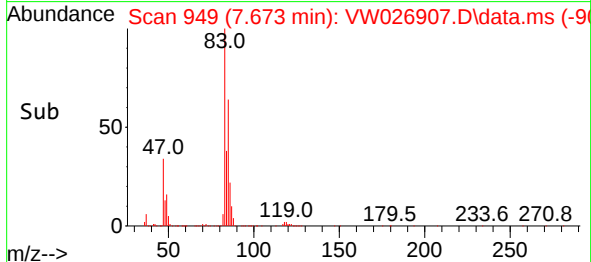
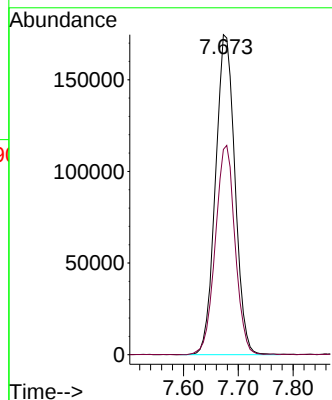
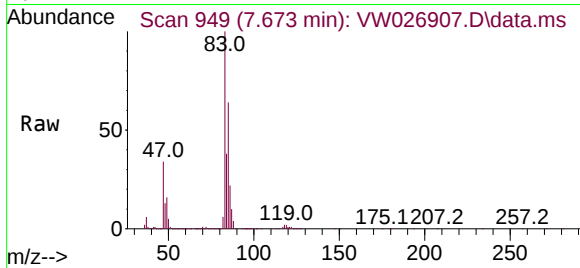




#25
Chloroform
Concen: 28.514 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

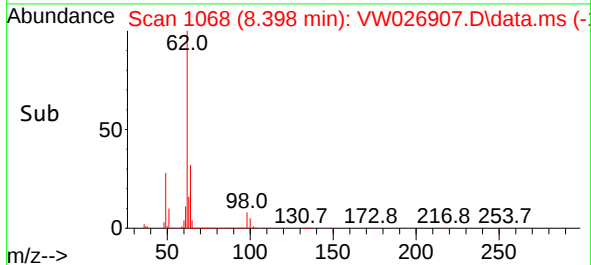
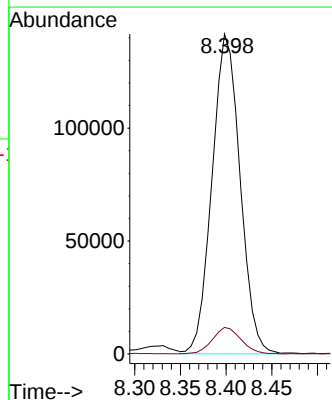
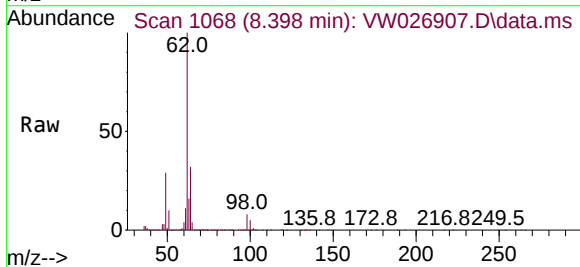
Instrument :
MSVOA_W
ClientSampleId :

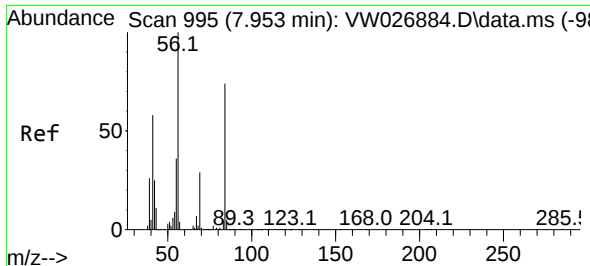
Tgt Ion: 83 Resp: 430930
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 28.624 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

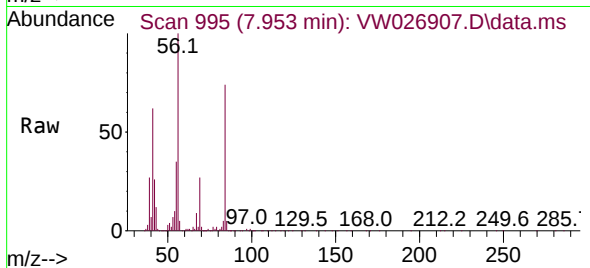
Tgt Ion: 62 Resp: 301789
Ion Ratio Lower Upper
62 100
98 8.3 7.1 10.7



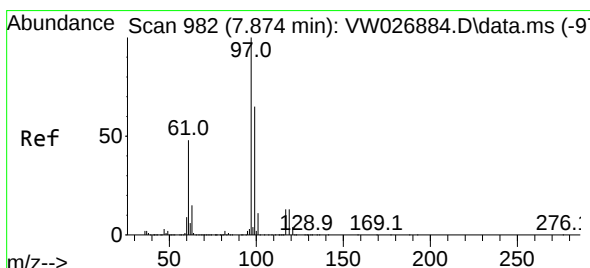
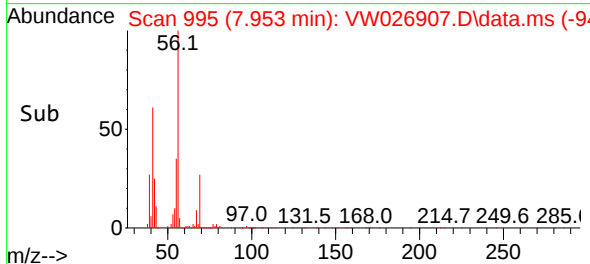
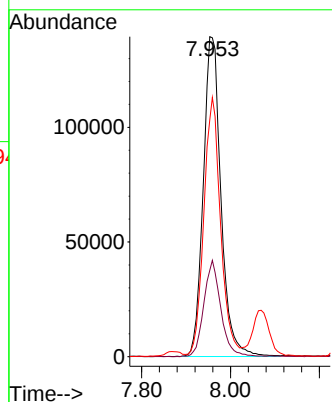


#29
Cyclohexane
Concen: 27.708 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Instrument :
MSVOA_W
ClientSampleId :

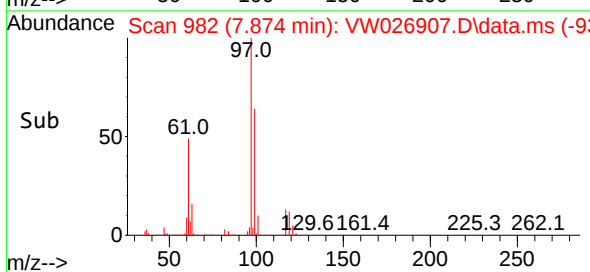
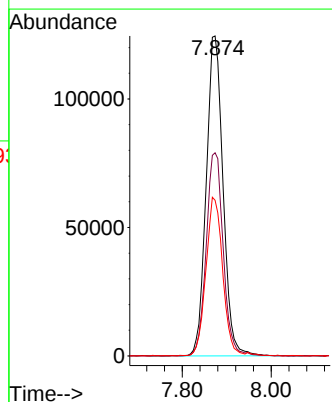
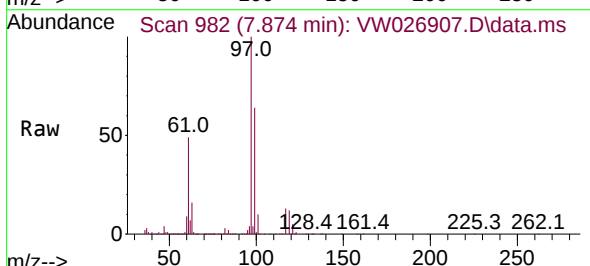


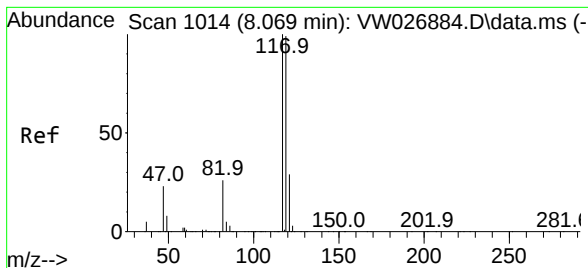
Tgt Ion: 56 Resp: 388410
Ion Ratio Lower Upper
56 100
69 28.3 23.2 34.8
84 76.2 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 27.773 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion: 97 Resp: 328555
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 49.2 39.2 58.8





#31

Carbon tetrachloride

Concen: 27.009 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

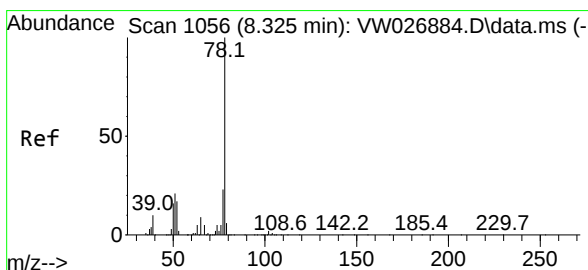
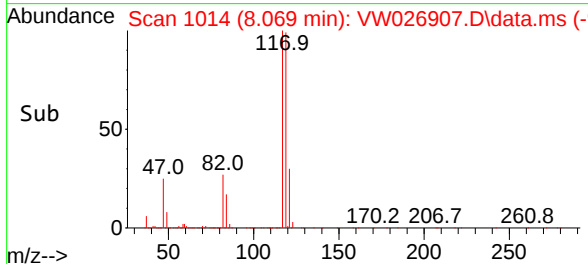
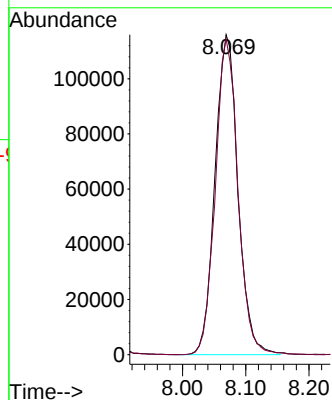
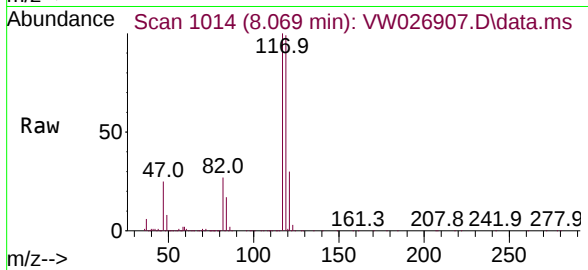
ClientSampleId :

Tgt Ion:117 Resp: 292145

Ion Ratio Lower Upper

117 100

119 97.3 73.0 109.4



#33

Benzene

Concen: 28.608 ug/L

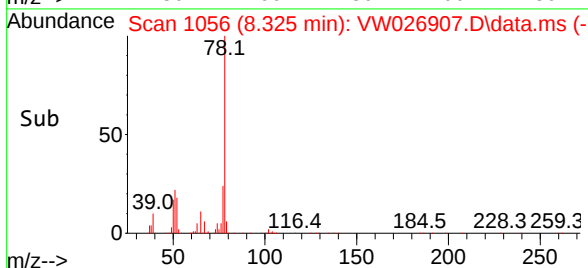
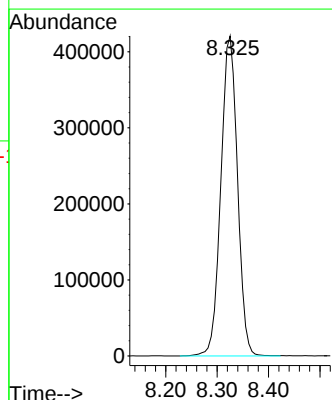
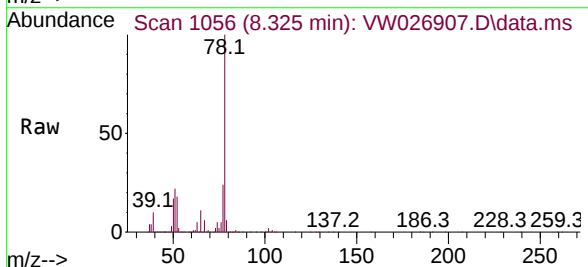
RT: 8.325 min Scan# 1056

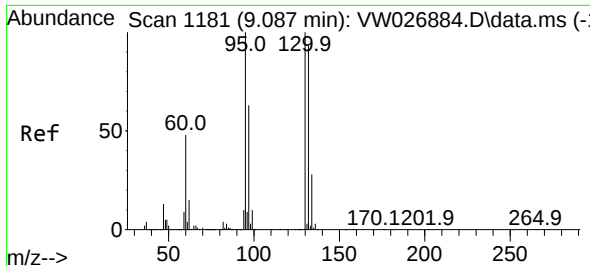
Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Tgt Ion: 78 Resp: 944335





#34

Trichloroethene

Concen: 27.963 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 235086

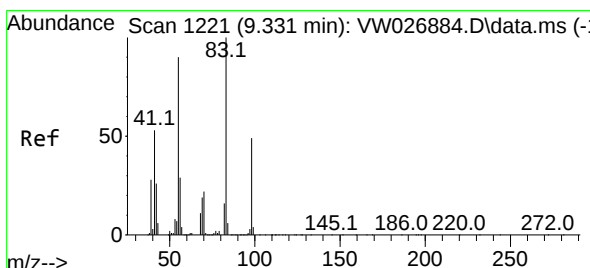
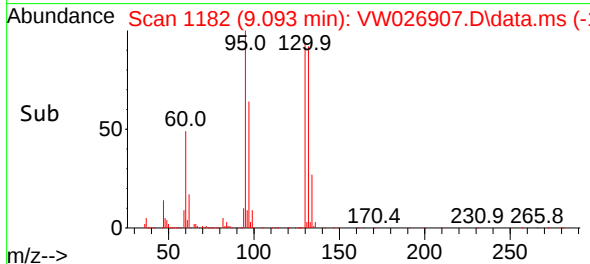
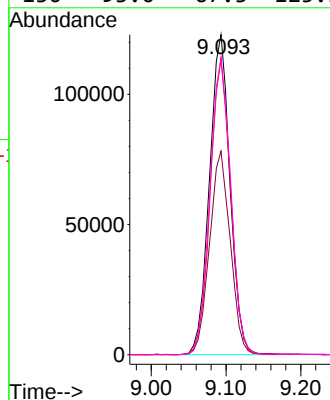
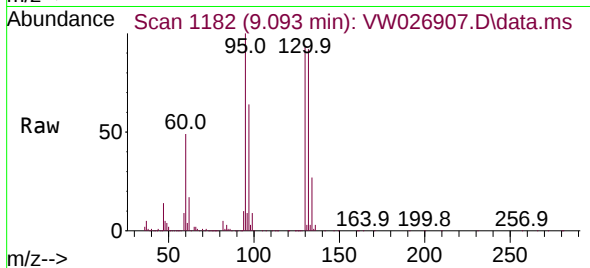
Ion Ratio Lower Upper

95 100

97 63.6 44.6 82.8

132 92.3 66.4 123.2

130 93.0 67.3 125.1



#35

Methylcyclohexane

Concen: 27.202 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

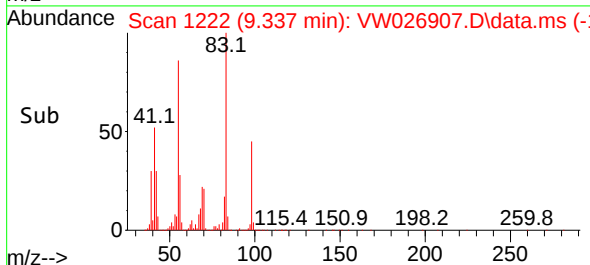
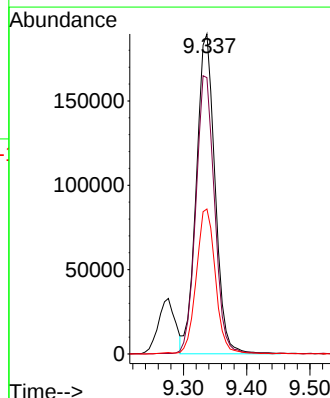
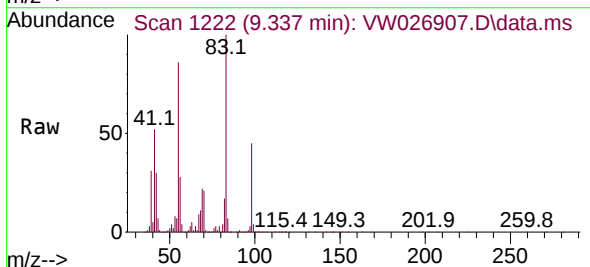
Tgt Ion: 83 Resp: 391226

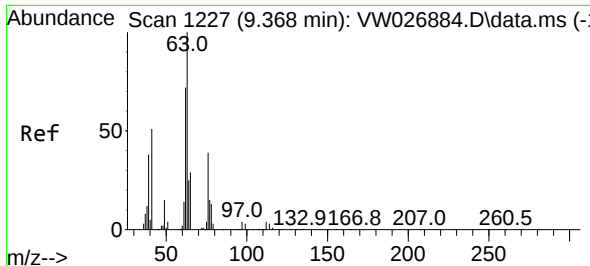
Ion Ratio Lower Upper

83 100

55 86.2 69.3 103.9

98 46.2 37.4 56.0





#37

1,2-Dichloropropane

Concen: 29.240 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

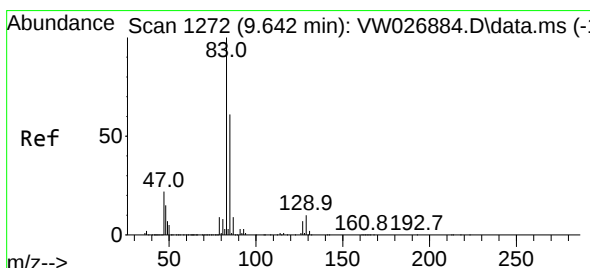
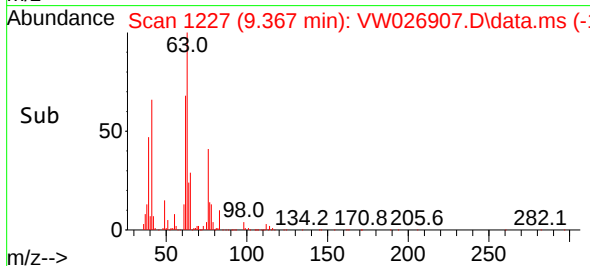
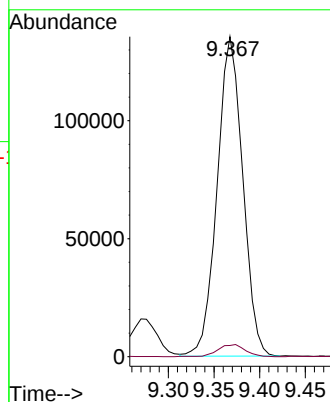
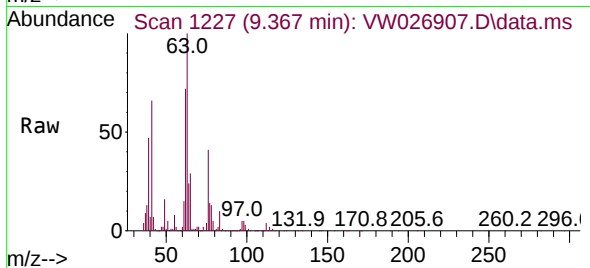
ClientSampleId :

Tgt Ion: 63 Resp: 264380

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 28.710 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

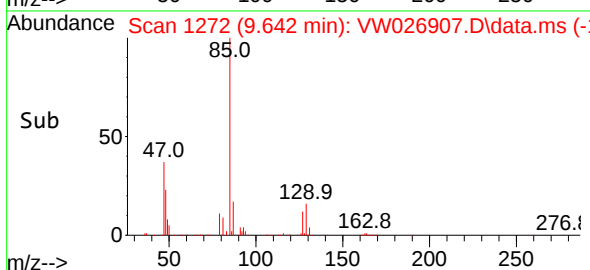
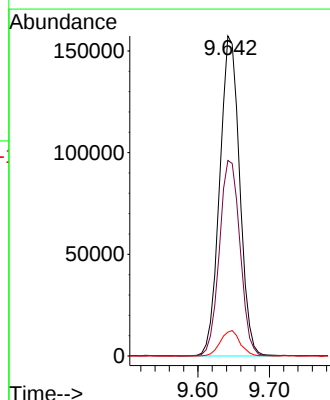
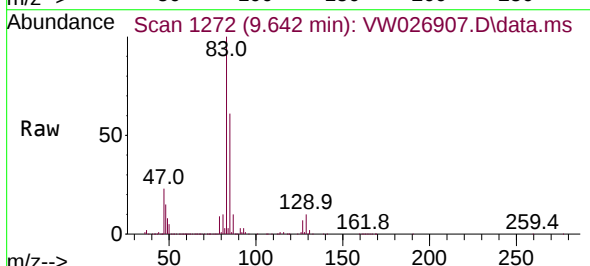
Tgt Ion: 83 Resp: 304515

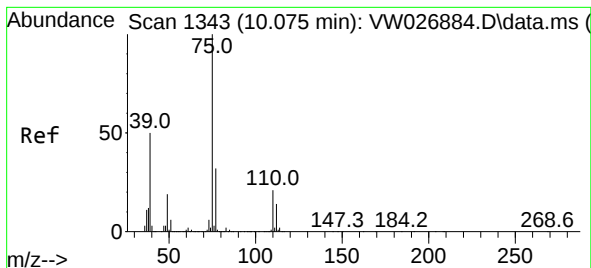
Ion Ratio Lower Upper

83 100

85 61.1 45.4 84.2

127 7.5 6.2 9.2

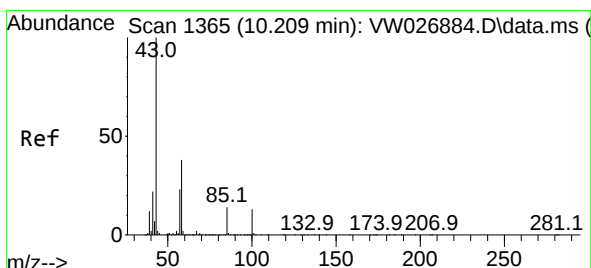
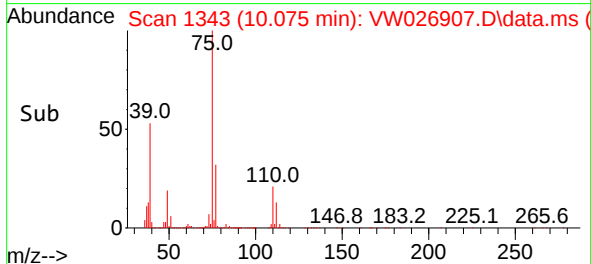
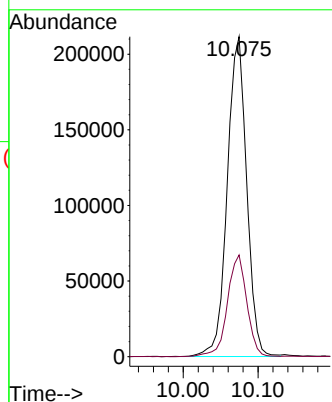
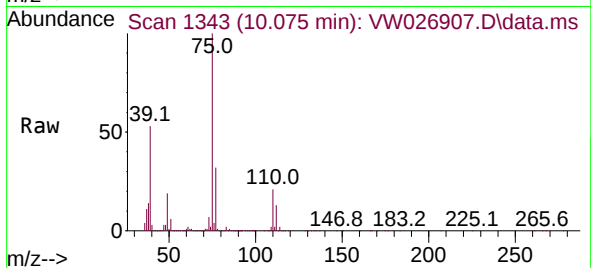




#39
 cis-1,3-Dichloropropene
 Concen: 29.377 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

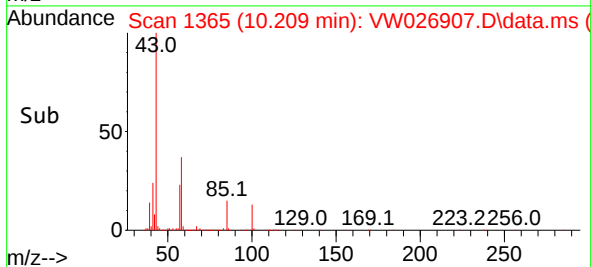
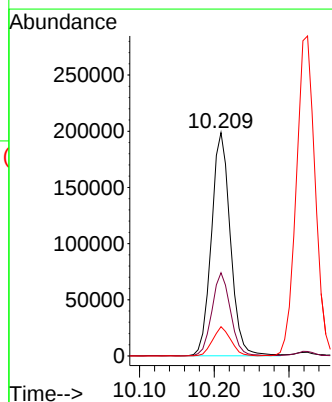
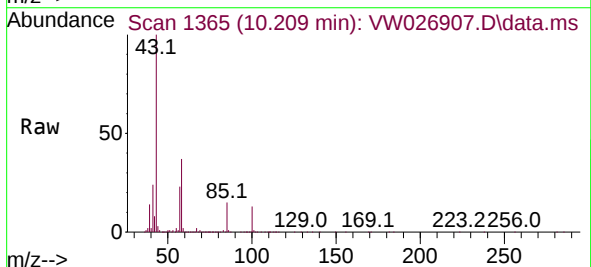
Instrument :
 MSVOA_W
 ClientSampleId :

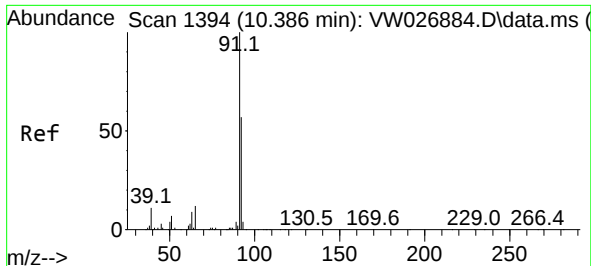
Tgt Ion: 75 Resp: 382109
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 59.544 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026907.D
 Acq: 25 Aug 2023 19:56

Tgt Ion: 43 Resp: 350194
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.2 43.8
 100 12.5 10.7 16.1

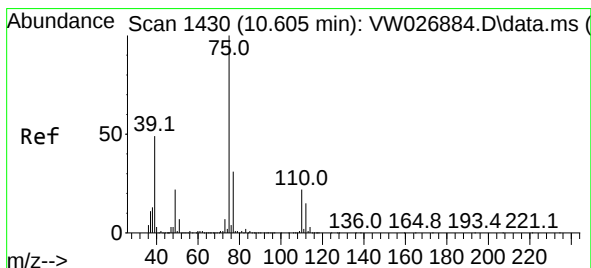
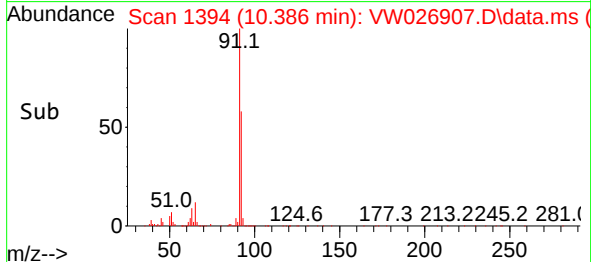
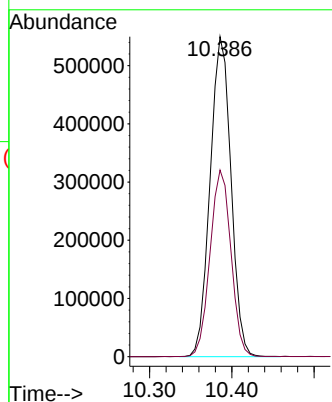
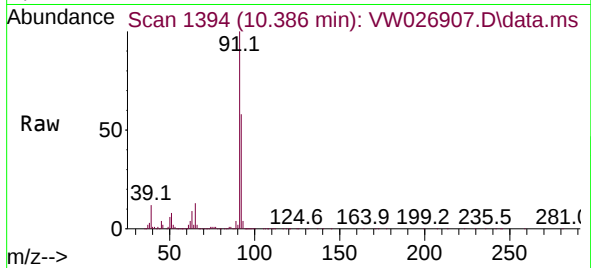




#42
Toluene
Concen: 29.027 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

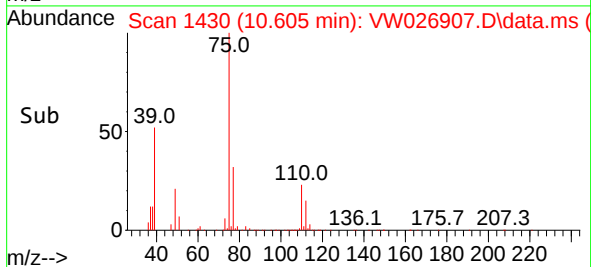
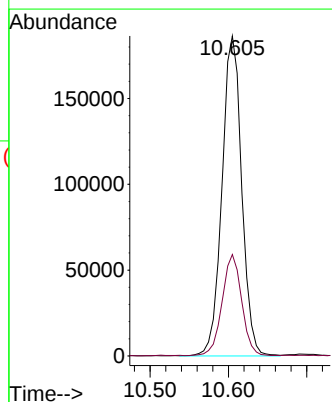
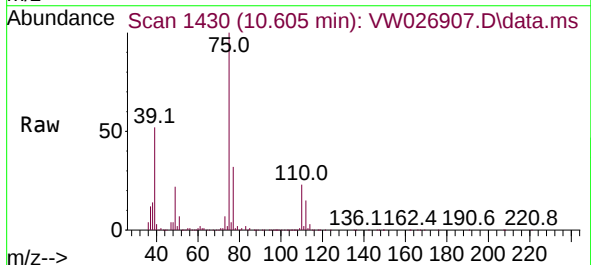
Instrument :
MSVOA_W
ClientSampleId :

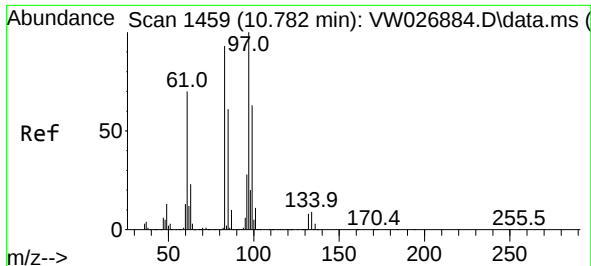
Tgt Ion: 91 Resp: 969271
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 29.114 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion: 75 Resp: 325947
Ion Ratio Lower Upper
75 100
77 31.7 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 28.109 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 173815

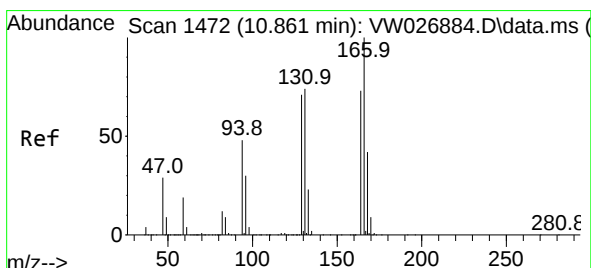
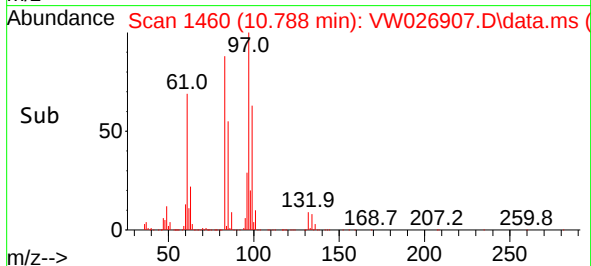
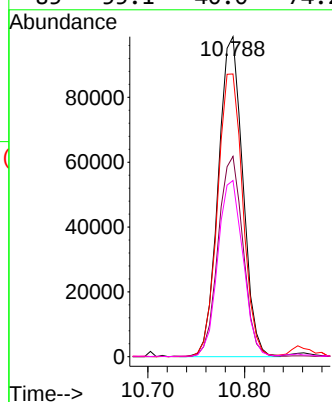
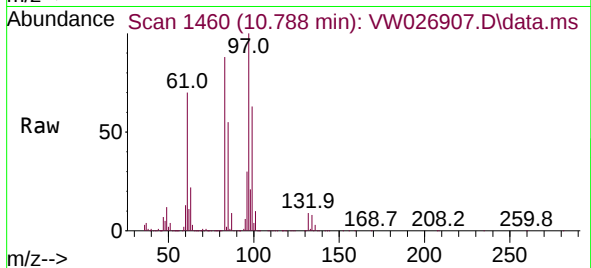
Ion Ratio Lower Upper

97 100

99 62.6 44.2 82.0

83 88.4 61.9 114.9

85 55.1 40.0 74.2



#46

Tetrachloroethene

Concen: 26.784 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Tgt Ion:164 Resp: 163589

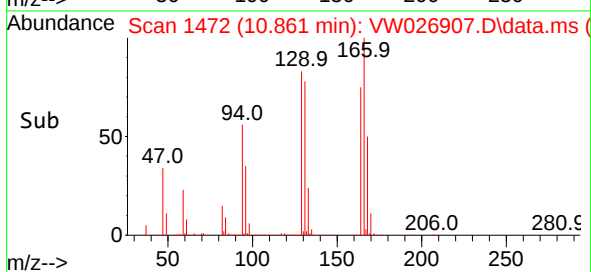
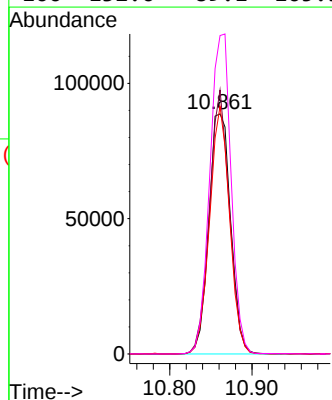
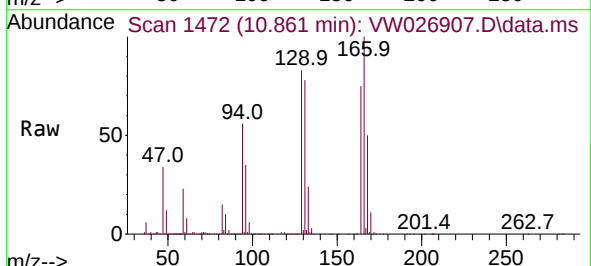
Ion Ratio Lower Upper

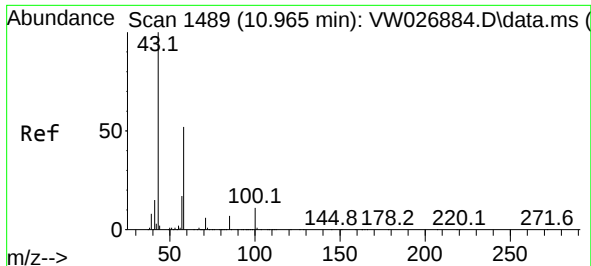
164 100

129 109.9 68.1 126.5

131 103.1 65.5 121.7

166 132.6 89.1 165.5



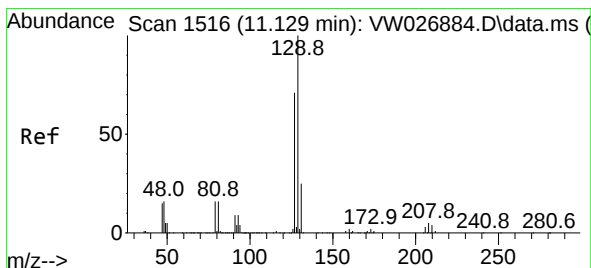
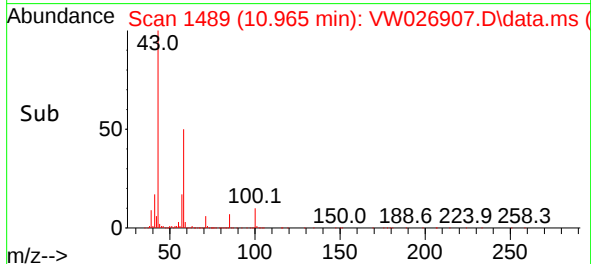
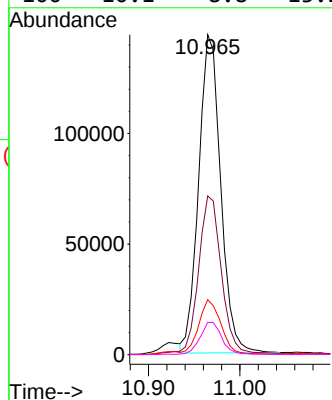
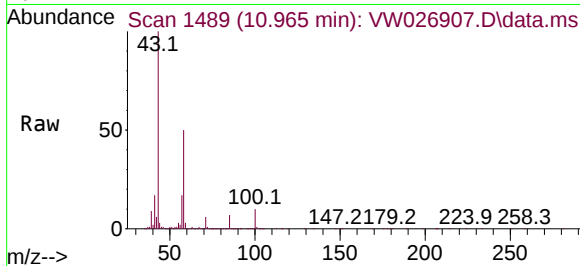


#48
2-Hexanone
Concen: 60.169 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 240792

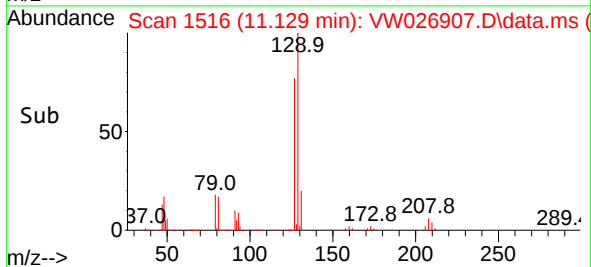
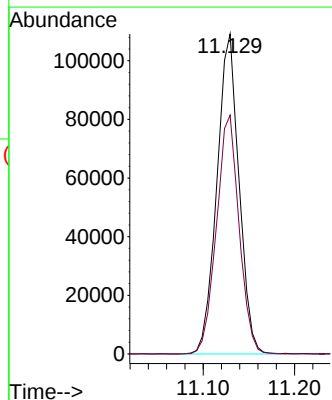
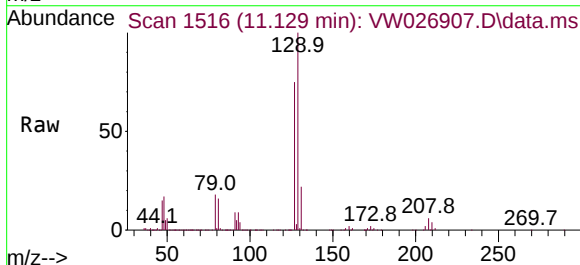
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.1	61.7
57	17.2	14.3	21.5
100	10.1	8.8	13.2

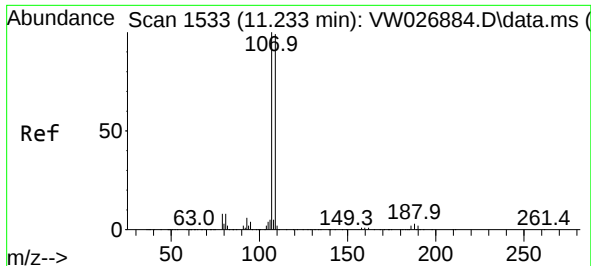


#49
Dibromochloromethane
Concen: 28.368 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion: 129 Resp: 183468

Ion	Ratio	Lower	Upper
129	100		
127	74.6	56.6	105.2





#50

1,2-Dibromoethane

Concen: 27.081 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

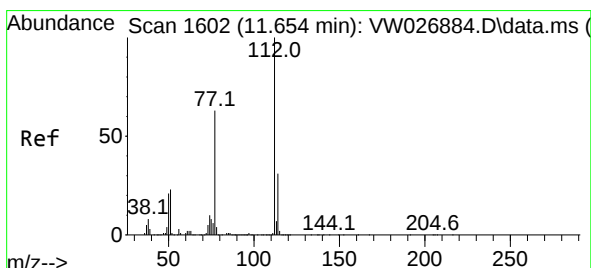
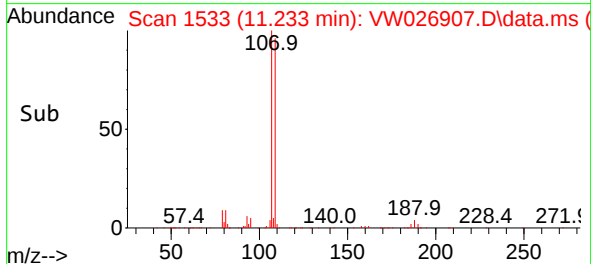
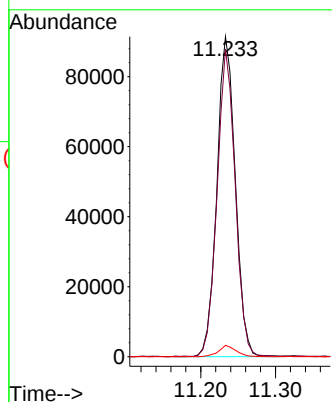
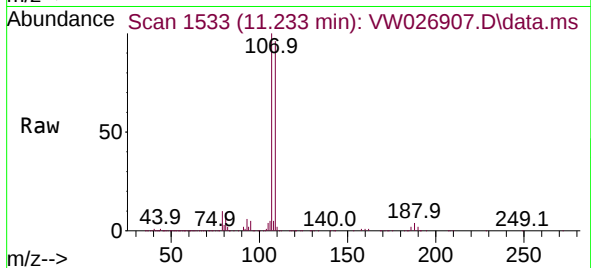
Tgt Ion:107 Resp: 157129

Ion Ratio Lower Upper

107 100

109 96.1 68.8 127.8

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 28.600 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

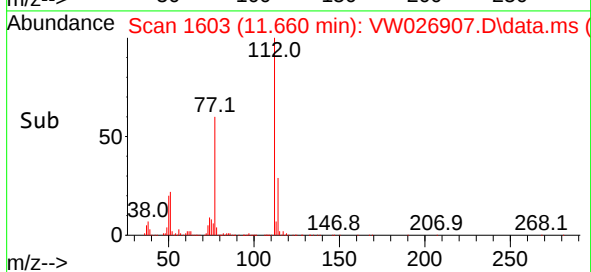
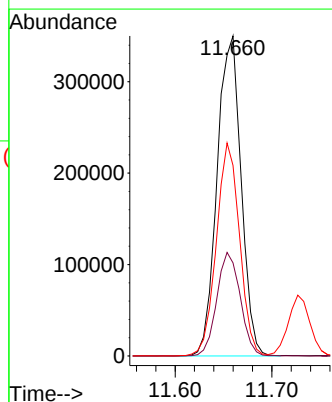
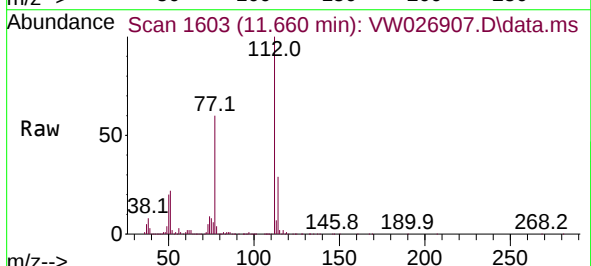
Tgt Ion:112 Resp: 603252

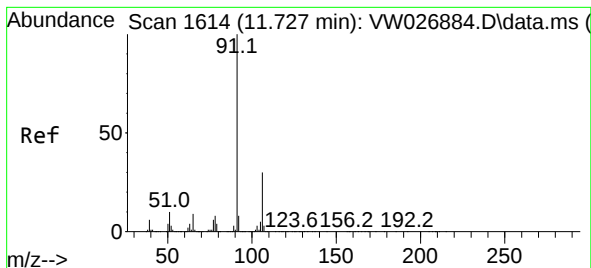
Ion Ratio Lower Upper

112 100

114 29.1 22.4 41.6

77 59.6 50.2 75.2

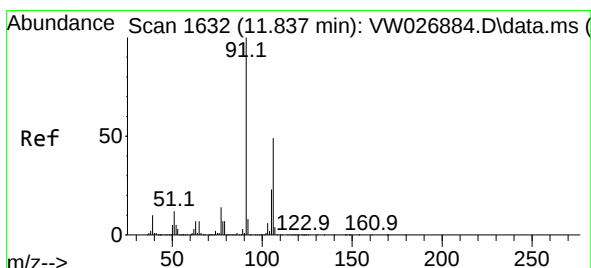
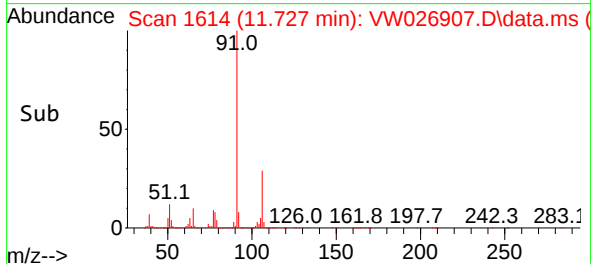
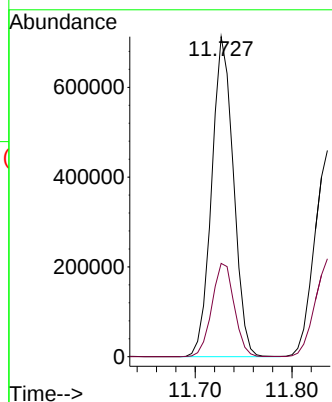
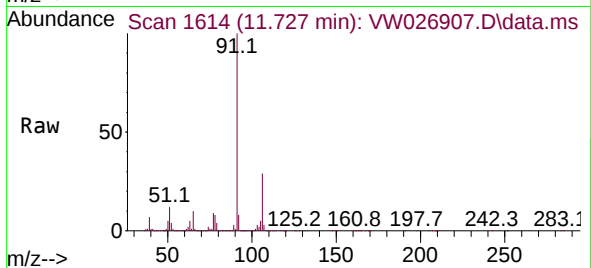




#52
Ethylbenzene
Concen: 29.747 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

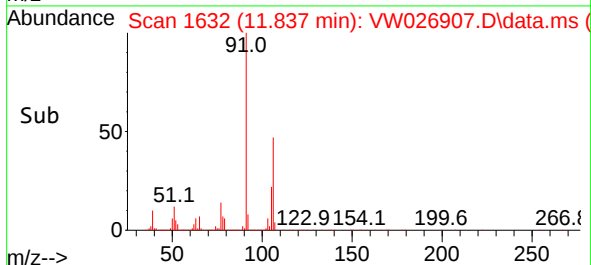
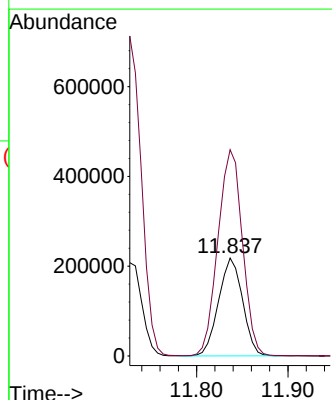
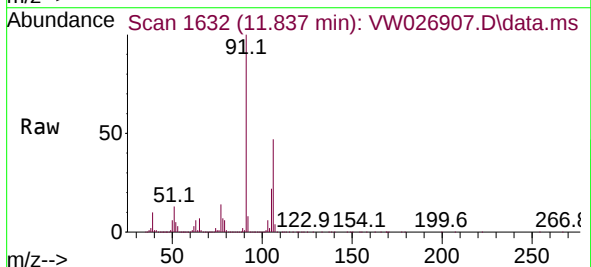
Instrument :
MSVOA_W
ClientSampleId :

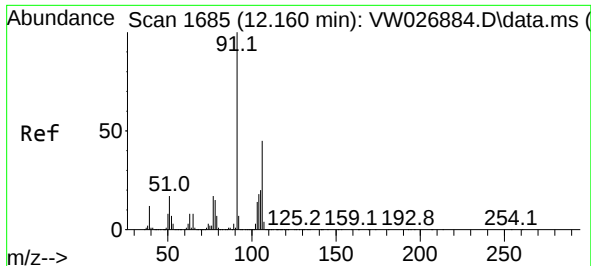
Tgt Ion: 91 Resp: 1113914
Ion Ratio Lower Upper
91 100
106 29.1 20.2 37.6



#53
m,p-Xylene
Concen: 28.655 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion:106 Resp: 397521
Ion Ratio Lower Upper
106 100
91 210.6 152.9 284.1

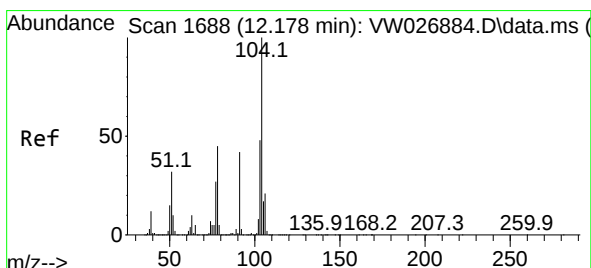
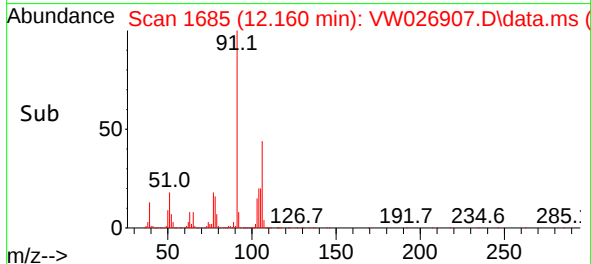
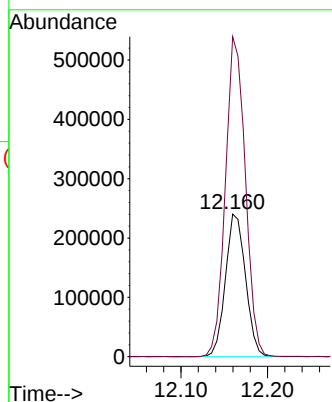
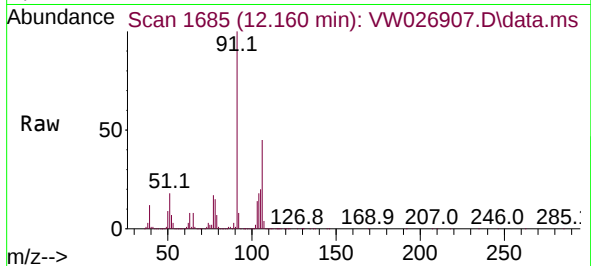




#54
o-Xylene
Concen: 29.912 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

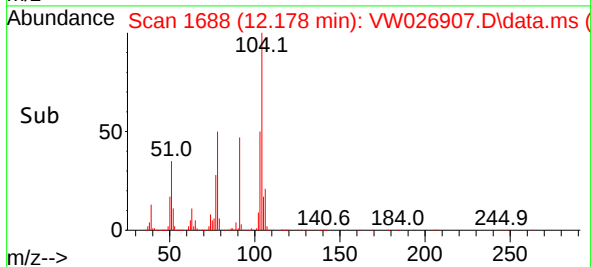
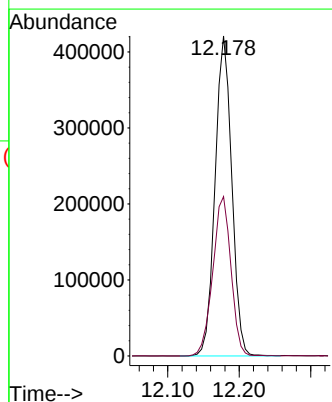
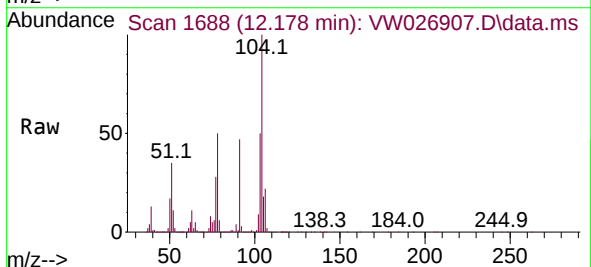
Instrument :
MSVOA_W
ClientSampleId :

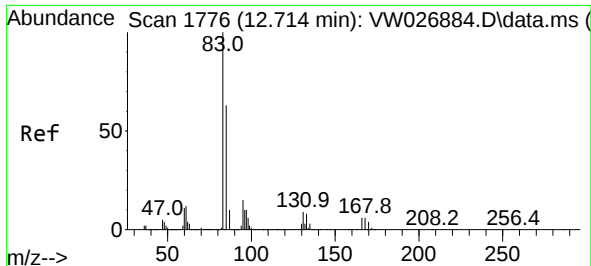
Tgt Ion:106 Resp: 387279
Ion Ratio Lower Upper
106 100
91 224.4 149.9 278.3



#55
Styrene
Concen: 30.313 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026907.D
Acq: 25 Aug 2023 19:56

Tgt Ion:104 Resp: 682399
Ion Ratio Lower Upper
104 100
78 49.8 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 28.034 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

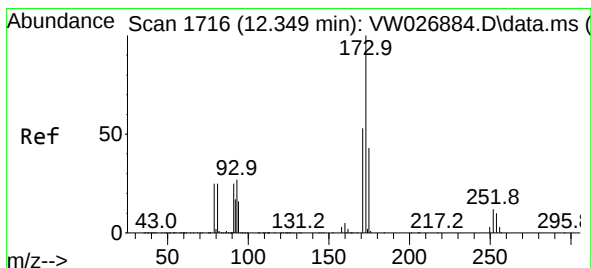
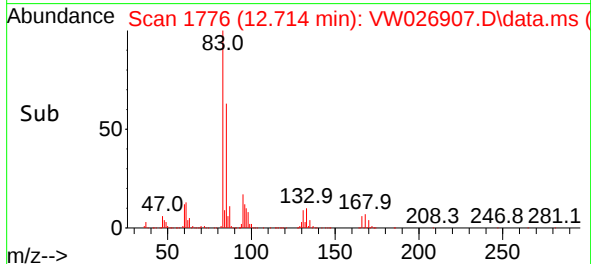
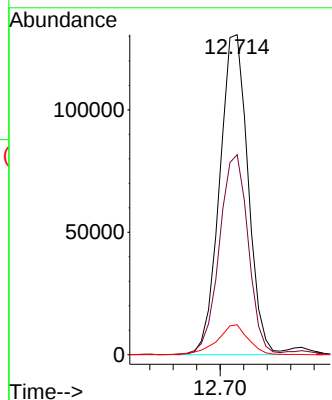
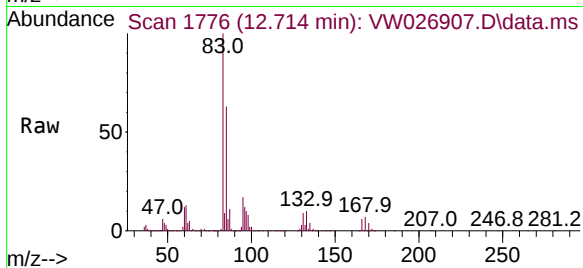
Tgt Ion: 83 Resp: 219540

Ion Ratio Lower Upper

83 100

85 62.5 44.9 83.3

131 9.4 7.4 11.0



#59

Bromoform

Concen: 26.043 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

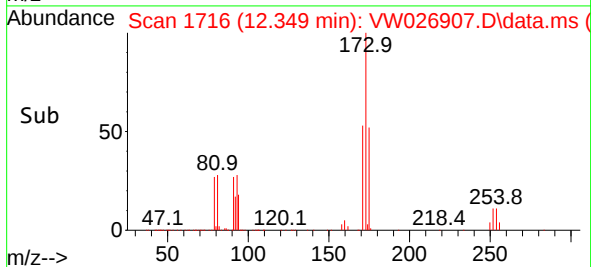
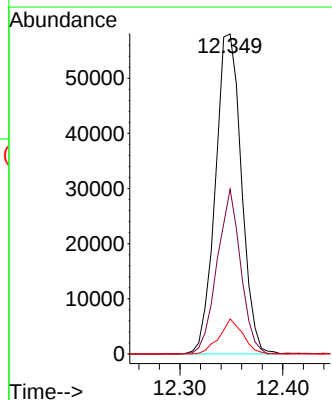
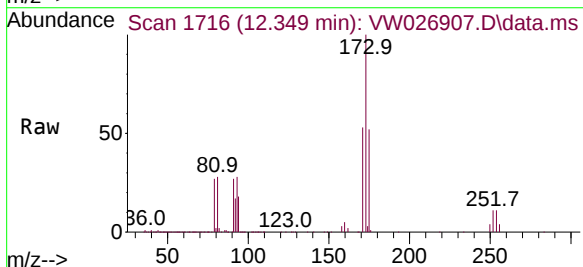
Tgt Ion: 173 Resp: 101997

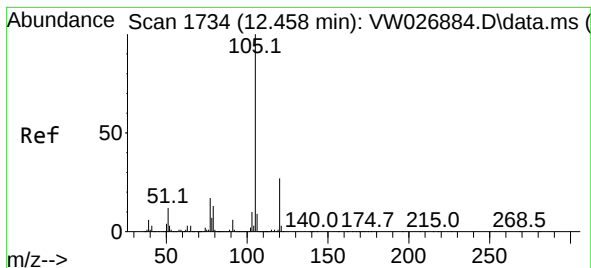
Ion Ratio Lower Upper

173 100

175 46.7 36.6 55.0

254 9.9 7.8 11.6





#60

Isopropylbenzene

Concen: 29.361 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

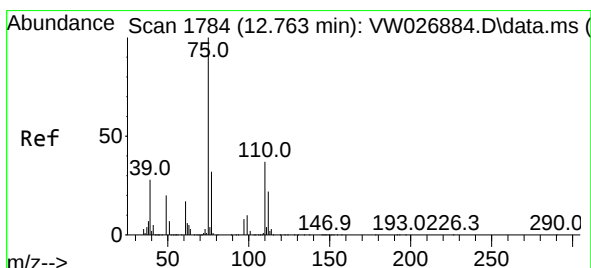
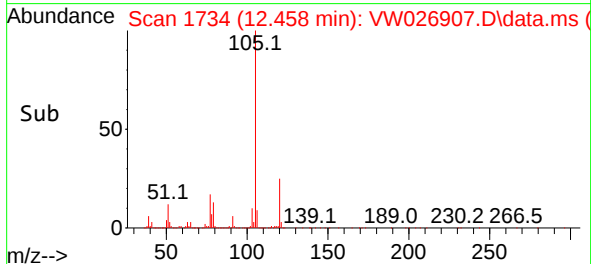
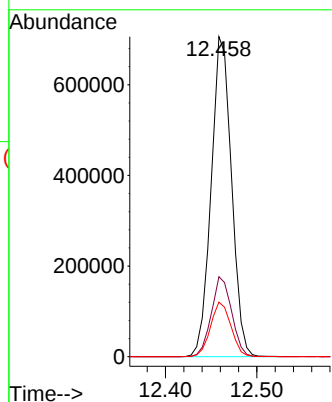
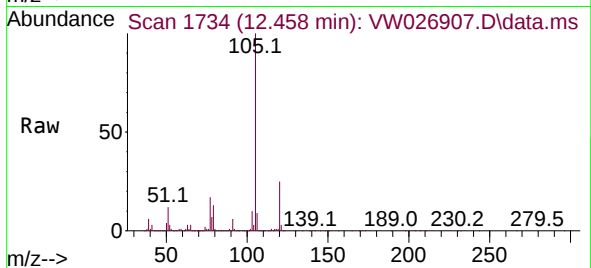
Tgt Ion:105 Resp: 1091374

Ion Ratio Lower Upper

105 100

120 25.0 21.0 31.6

77 17.1 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.385 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

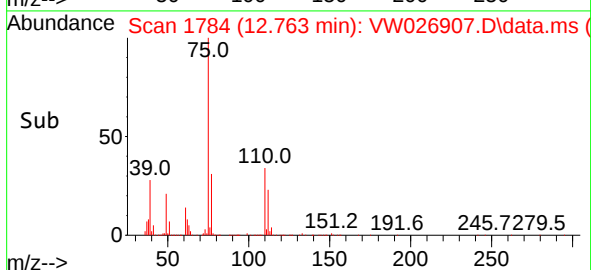
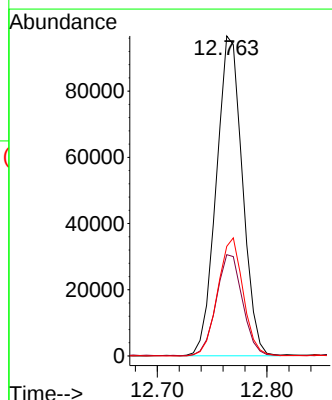
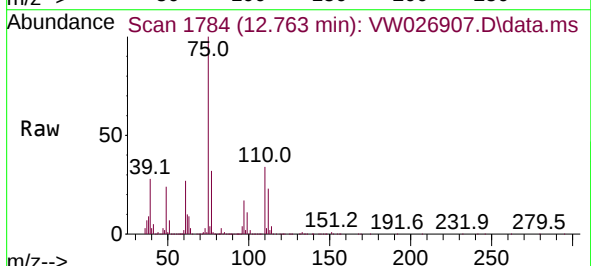
Tgt Ion: 75 Resp: 160016

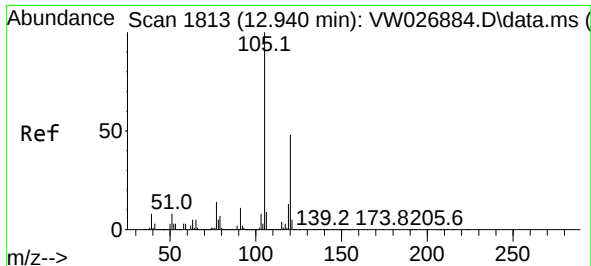
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 35.9 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 30.016 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

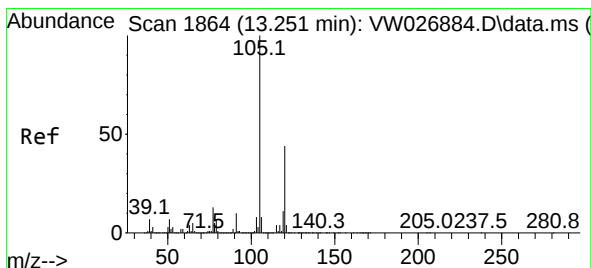
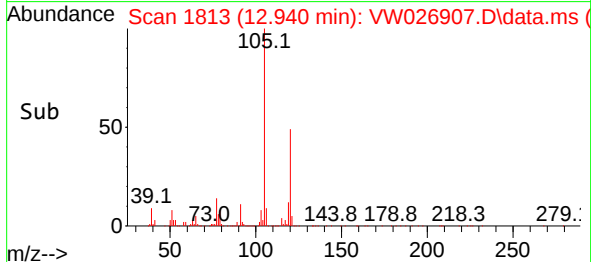
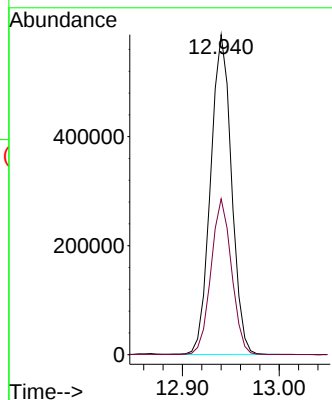
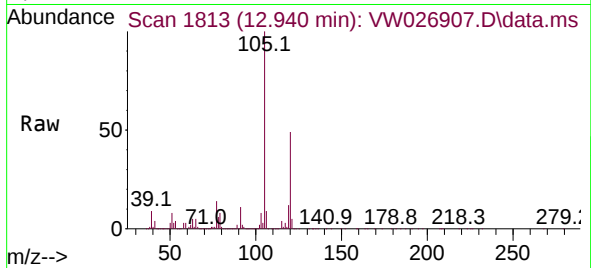
ClientSampleId :

Tgt Ion:105 Resp: 881876

Ion Ratio Lower Upper

105 100

120 47.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 30.705 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VW026907.D

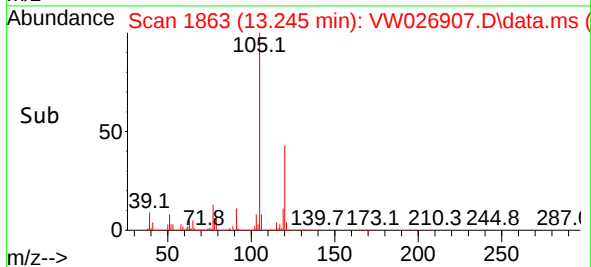
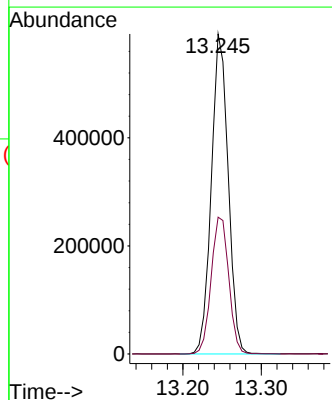
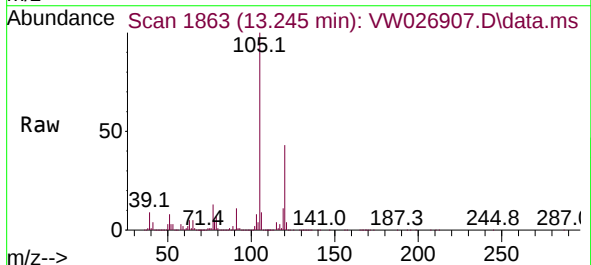
Acq: 25 Aug 2023 19:56

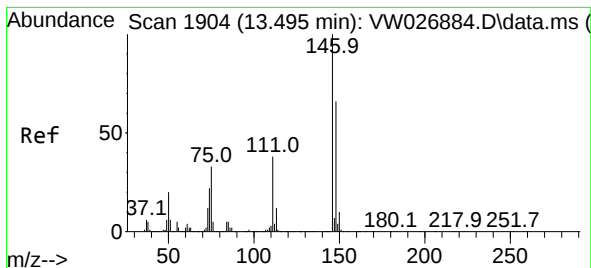
Tgt Ion:105 Resp: 884014

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 27.478 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

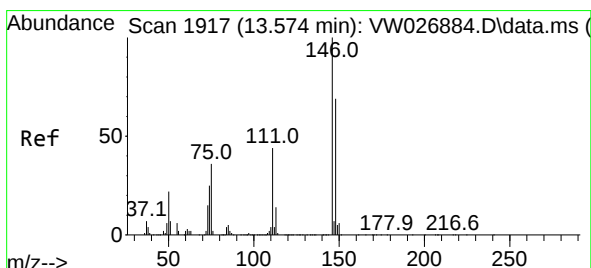
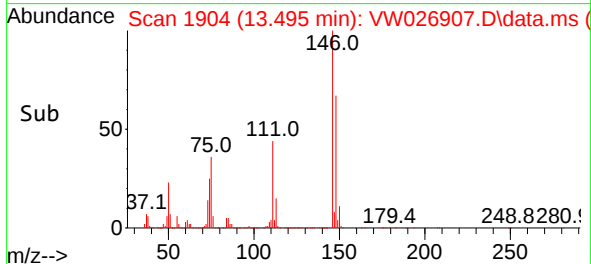
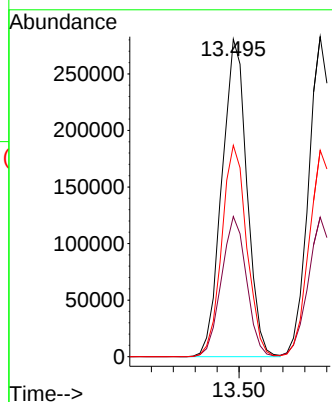
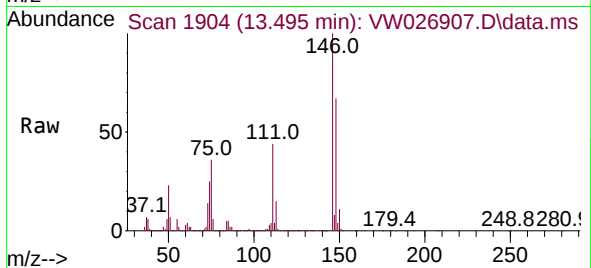
Tgt Ion:146 Resp: 444201

Ion Ratio Lower Upper

146 100

111 44.1 29.1 54.1

148 66.5 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 26.968 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

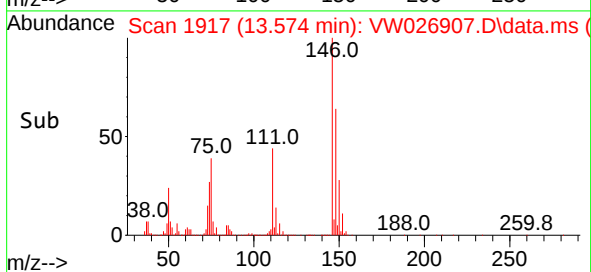
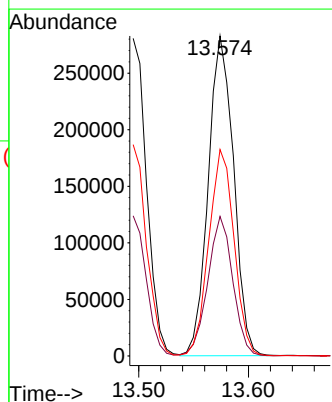
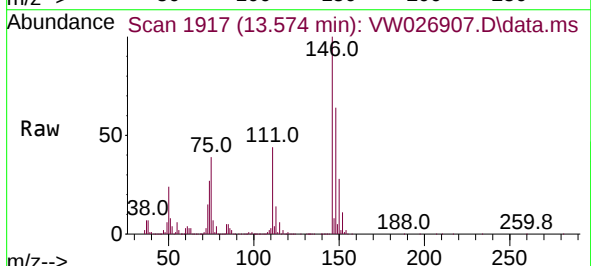
Tgt Ion:146 Resp: 454957

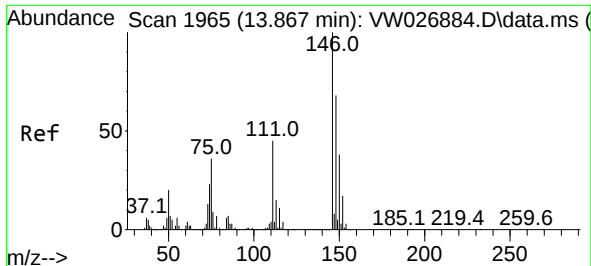
Ion Ratio Lower Upper

146 100

111 43.6 28.3 52.7

148 64.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 27.052 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

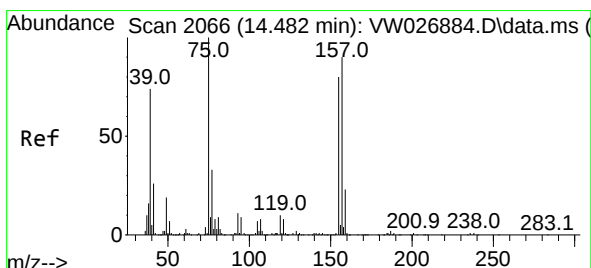
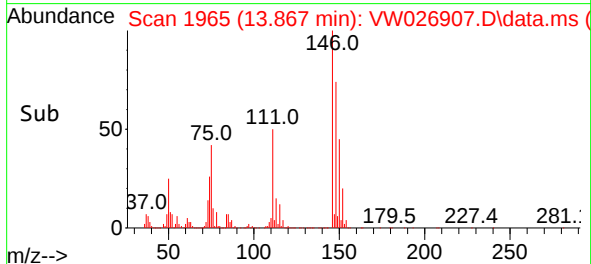
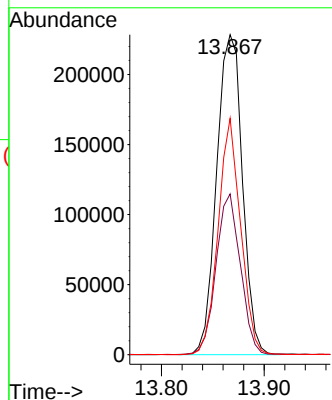
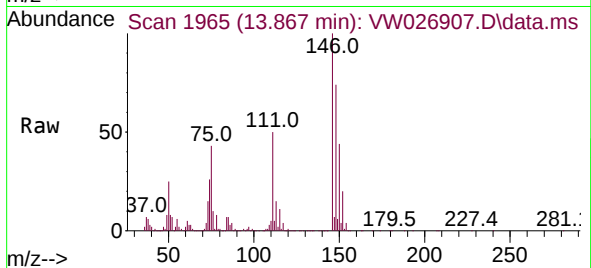
Tgt Ion:146 Resp: 397672

Ion Ratio Lower Upper

146 100

111 50.3 34.6 52.0

148 73.9 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.259 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

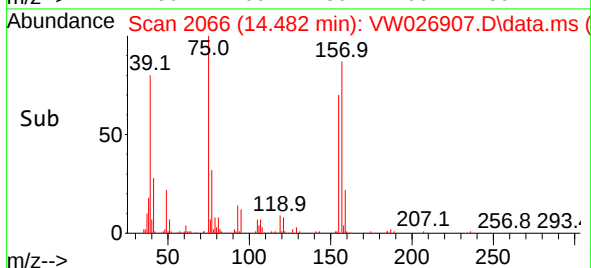
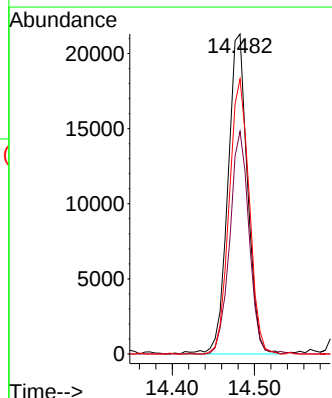
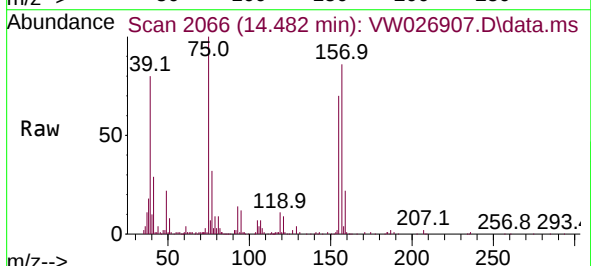
Tgt Ion: 75 Resp: 35467

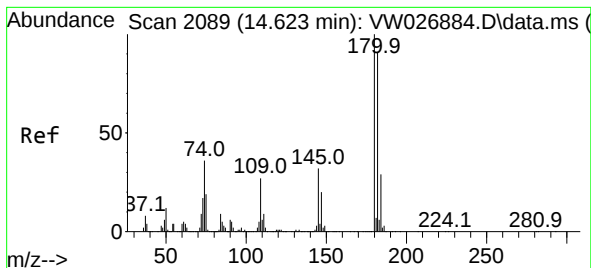
Ion Ratio Lower Upper

75 100

155 69.5 55.0 82.6

157 85.9 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 28.046 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

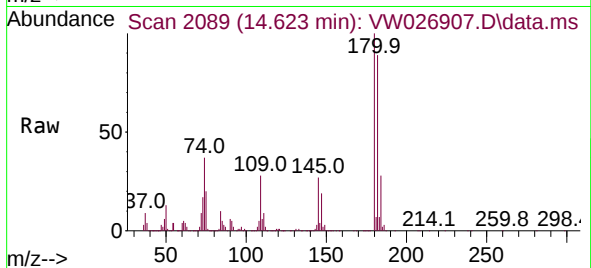
Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 306309

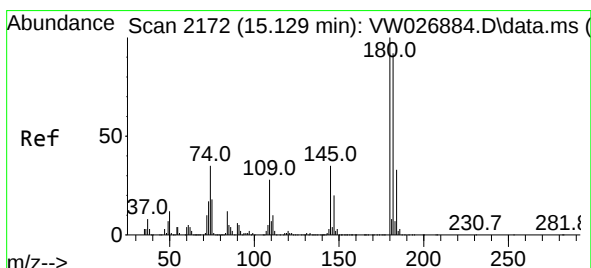
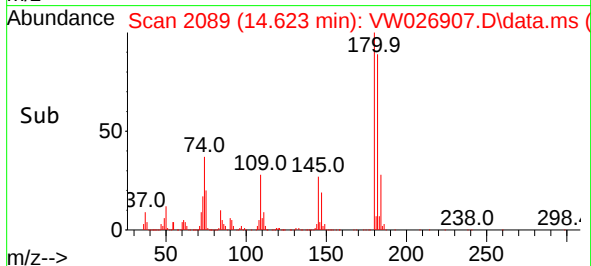
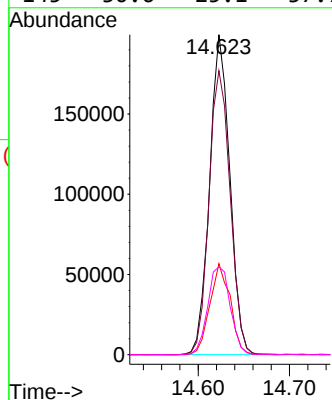
Ion Ratio Lower Upper

180 100

182 93.0 75.2 112.8

184 28.7 23.8 35.8

145 30.6 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 28.629 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

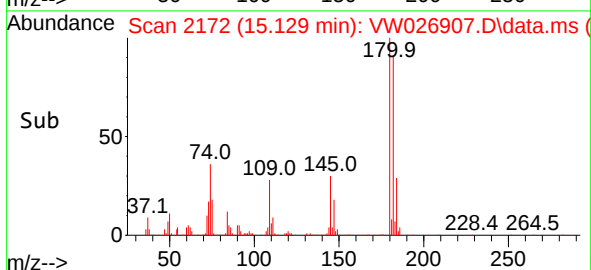
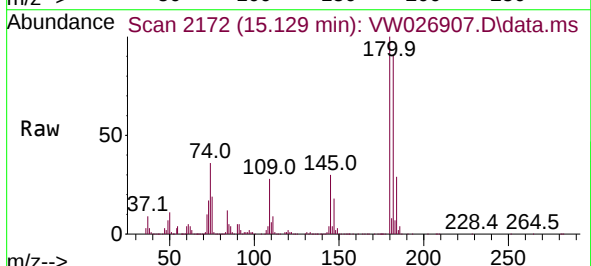
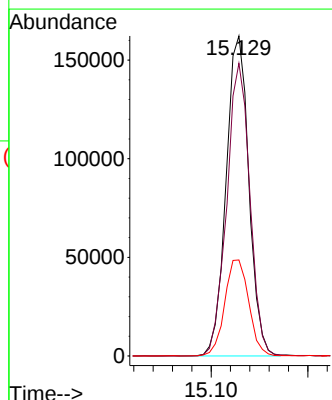
Tgt Ion:180 Resp: 265101

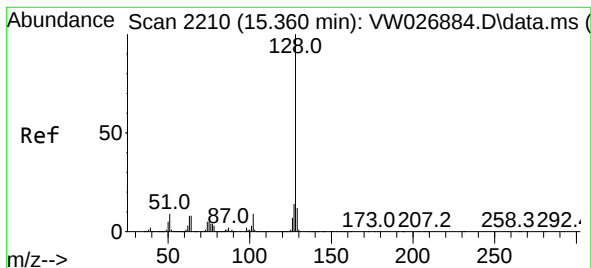
Ion Ratio Lower Upper

180 100

182 92.7 72.5 108.7

145 31.6 24.7 37.1





#71

Naphthalene

Concen: 28.938 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Instrument :

MSVOA_W

ClientSampleId :

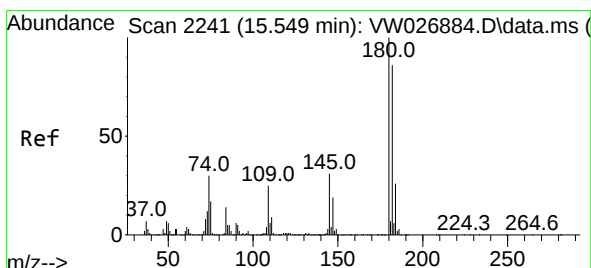
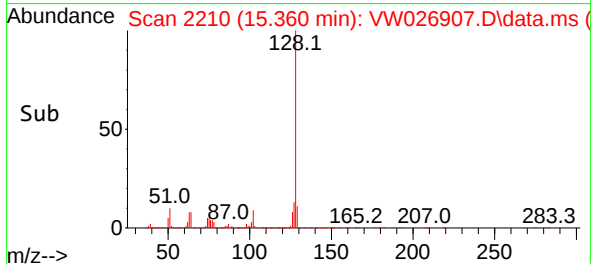
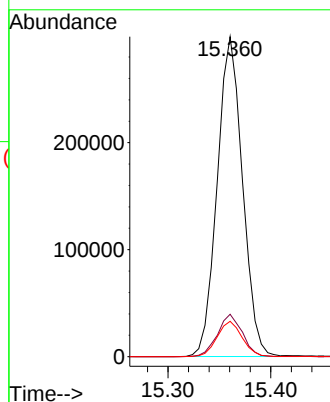
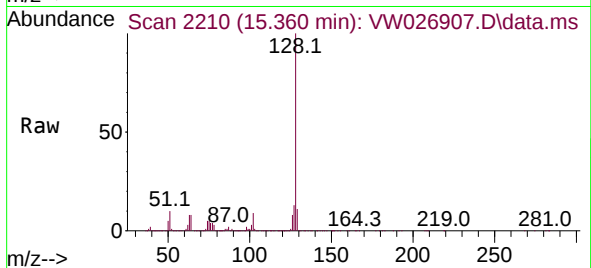
Tgt Ion:128 Resp: 511140

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 27.199 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026907.D

Acq: 25 Aug 2023 19:56

Tgt Ion:180 Resp: 227168

Ion Ratio Lower Upper

180 100

182 97.6 74.6 112.0

145 36.1 27.0 40.6

