

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026957.D
 Acq On : 29 Aug 2023 18:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 20:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 29 20:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	359613	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	355176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	206677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	113011	19.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.480%
7) Chloroethane-d5	3.137	69	261	0.059	ug/L	0.24
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.240%#
11) 1,1-Dichloroethene-d2	4.027	65	59015	20.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.200%
21) 2-Butanone-d5	7.075	46	101144	59.527	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.060%
24) Chloroform-d	7.648	84	326016	27.011	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.040%
26) 1,2-Dichloroethane-d4	8.307	65	193657	29.075	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.280%
32) Benzene-d6	8.276	84	588665	24.048	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	9.270	67	193812	25.419	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	10.325	98	511021	24.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	10.575	79	78653	24.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.920%
47) 2-Hexanone-d5	10.922	63	51091	63.769	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	171668	28.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	182505	24.671	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	99103	20.269	ug/L	99
3) Chloromethane	2.229	50	145601	21.778	ug/L	100
5) Vinyl chloride	2.369	62	140458	21.976	ug/L	99
6) Bromomethane	2.783	94	80596	21.644	ug/L	89
8) Chloroethane	2.930	64	88306	23.059	ug/L	98
9) Trichlorofluoromethane	3.259	101	120785	23.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	130598	23.051	ug/L	95
12) 1,1-Dichloroethene	4.052	96	123536	23.241	ug/L	95
13) Acetone	4.119	43	68321	40.440	ug/L	98
14) Carbon disulfide	4.393	76	359738	18.812	ug/L	99
15) Methyl Acetate	4.667	43	99107	29.286	ug/L	100
16) Methylene chloride	4.923	84	173124	24.887	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	141204	23.806	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	277615	30.933	ug/L	98
19) 1,1-Dichloroethane	6.216	63	333528	27.321	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	168877	26.489	ug/L	93
22) 2-Butanone	7.167	43	129315	51.940	ug/L	99
23) Bromochloromethane	7.514	128	72125	26.189	ug/L	93
25) Chloroform	7.673	83	332838	28.222	ug/L	97

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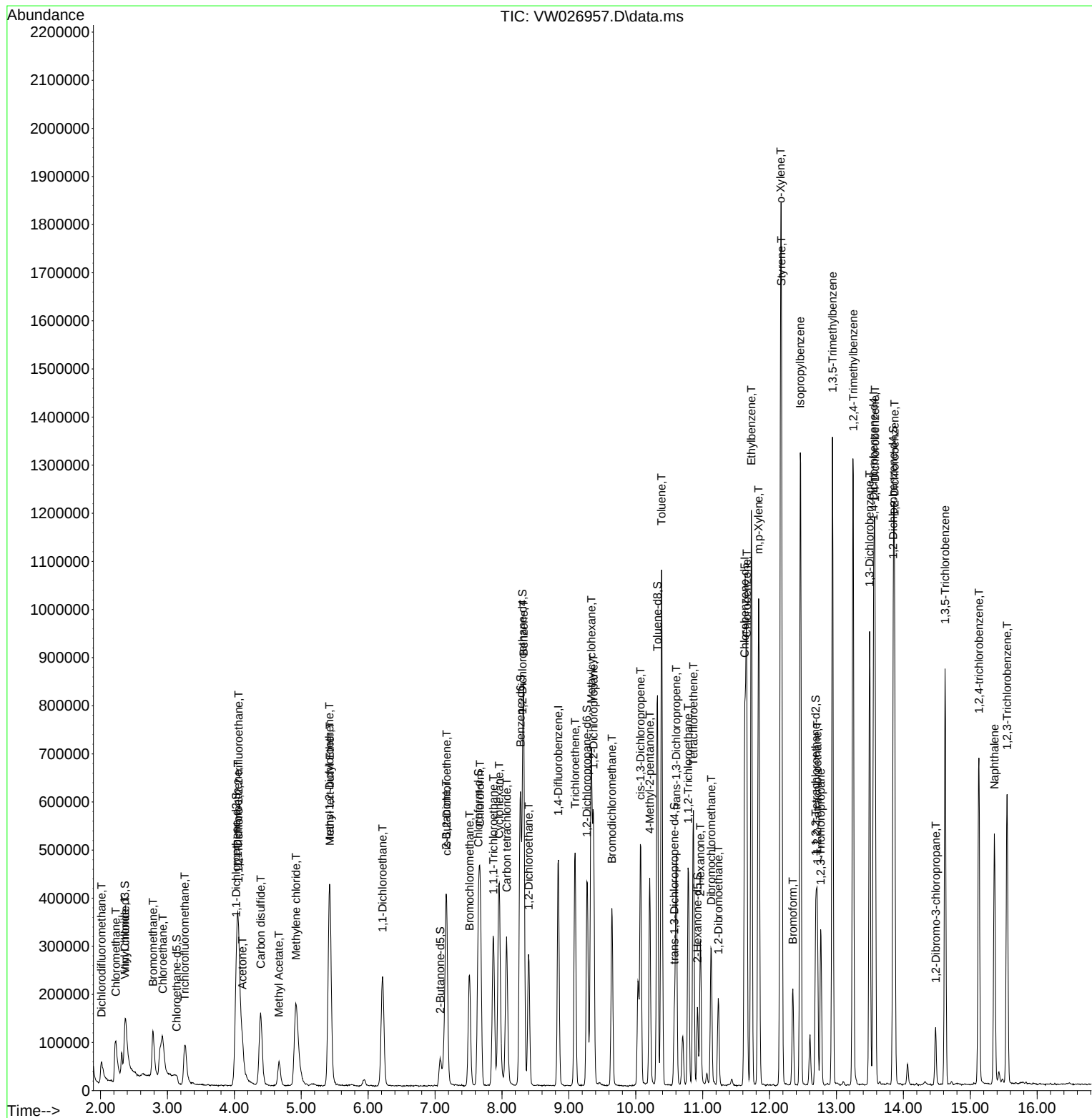
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	256221	31.142	ug/L	95
29) Cyclohexane	7.959	56	254818	23.199	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	246542	26.597	ug/L	98
31) Carbon tetrachloride	8.069	117	222074	26.202	ug/L	94
33) Benzene	8.325	78	676801	26.167	ug/L	100
34) Trichloroethene	9.093	95	168504	25.579	ug/L	97
35) Methylcyclohexane	9.337	83	261073	23.166	ug/L	98
37) 1,2-Dichloropropane	9.368	63	190424	26.879	ug/L	100
38) Bromodichloromethane	9.642	83	239344	28.798	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	281227	27.593	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	293877	63.771	ug/L	98
42) Toluene	10.386	91	715306	27.339	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	248722	28.353	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	131190	27.076	ug/L	97
46) Tetrachloroethene	10.861	164	120224	25.121	ug/L	90
48) 2-Hexanone	10.965	43	203894	65.023	ug/L	97
49) Dibromochloromethane	11.130	129	142374	28.095	ug/L	92
50) 1,2-Dibromoethane	11.233	107	116086	25.534	ug/L	97
51) Chlorobenzene	11.660	112	430361	26.039	ug/L	100
52) Ethylbenzene	11.727	91	795769	27.121	ug/L	98
53) m,p-Xylene	11.837	106	297344	27.355	ug/L	96
54) o-Xylene	12.166	106	292787	28.861	ug/L	98
55) Styrene	12.178	104	517126	29.317	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	169173	27.569	ug/L	98
59) Bromoform	12.349	173	84711	26.165	ug/L	97
60) Isopropylbenzene	12.459	105	811066	26.395	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	130695	26.069	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	656093	27.014	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	661301	27.786	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	342913	25.660	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	345949	24.806	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	314243	25.859	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	31437	26.011	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	231668	25.660	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	200114	26.142	ug/L	95
71) Naphthalene	15.360	128	412251	28.233	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	183457	26.571	ug/L	97

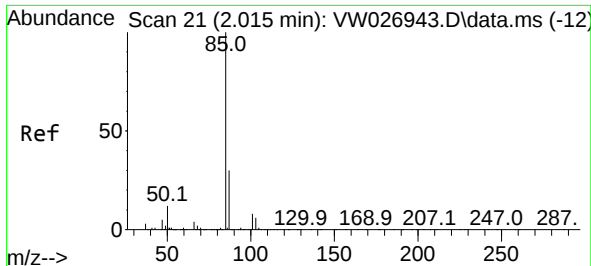
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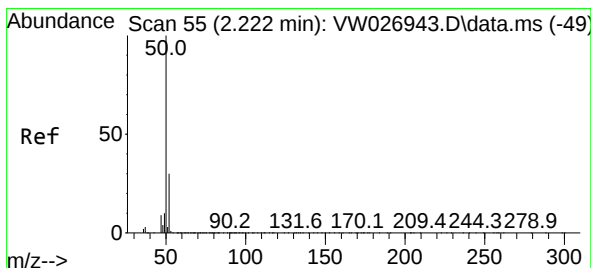
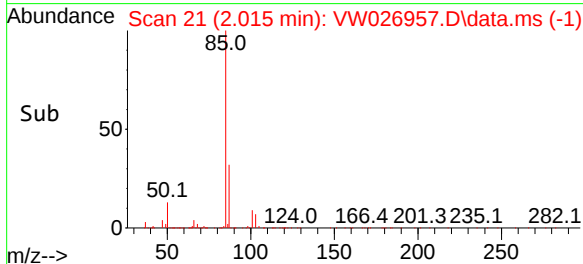
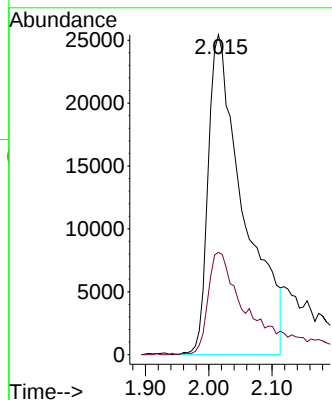
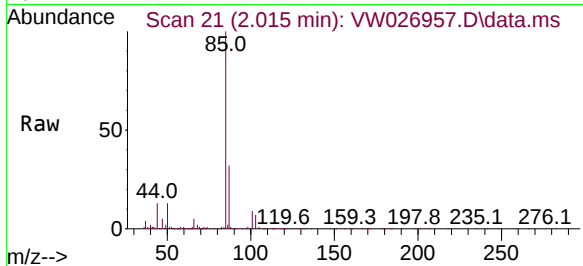




#2
Dichlorodifluoromethane
Concen: 20.269 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

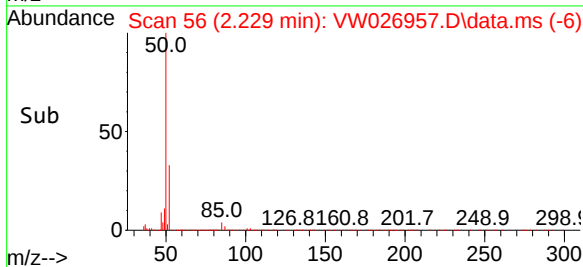
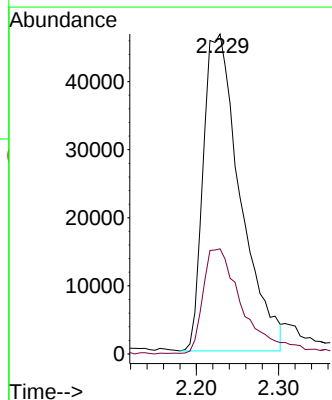
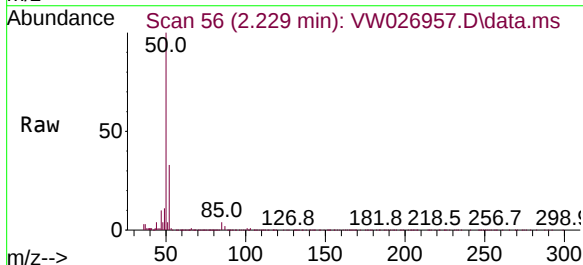
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ClientSampleId :

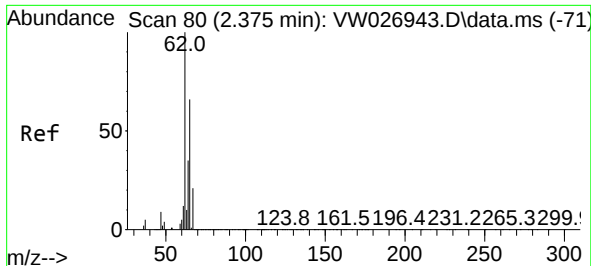
Tgt Ion: 85 Resp: 99103
Ion Ratio Lower Upper
85 100
87 24.0 19.5 29.3



#3
Chloromethane
Concen: 21.778 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 50 Resp: 145601
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

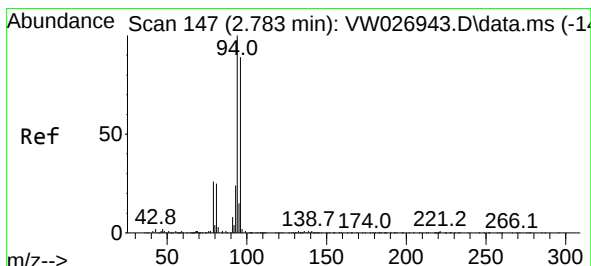
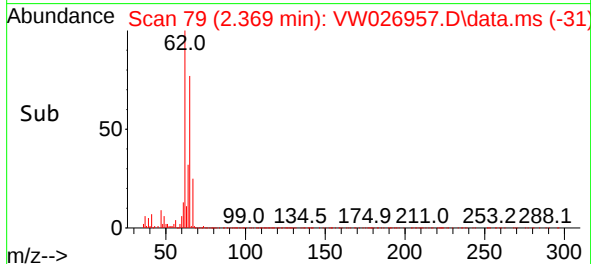
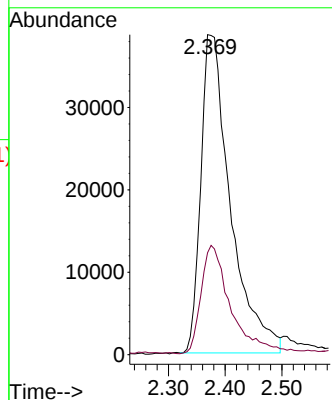
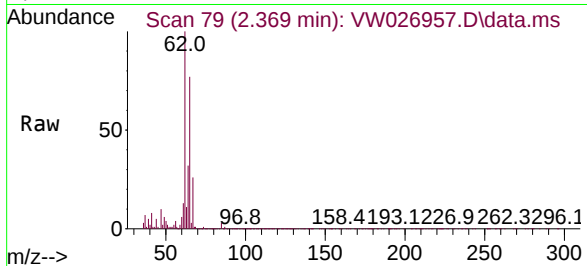




#5
 Vinyl chloride
 Concen: 21.976 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026957.D
 Acq: 29 Aug 2023 18:00

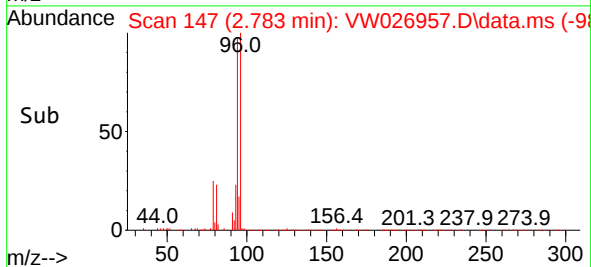
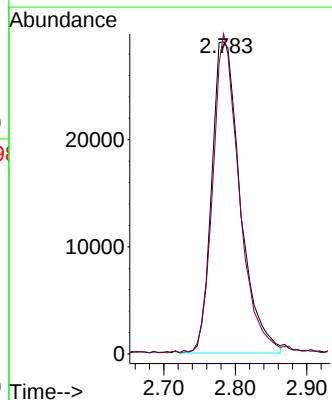
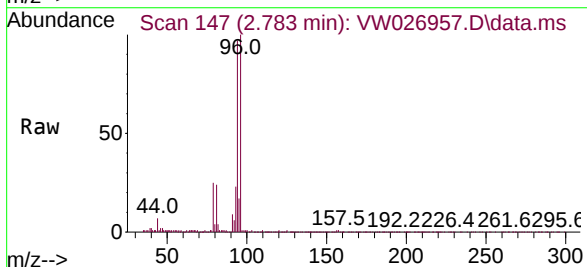
Instrument :
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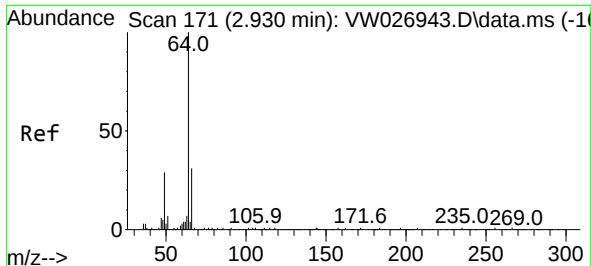
Tgt Ion: 62 Resp: 140458
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.7 42.3



#6
 Bromomethane
 Concen: 21.644 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026957.D
 Acq: 29 Aug 2023 18:00

Tgt Ion: 94 Resp: 80596
 Ion Ratio Lower Upper
 94 100
 96 102.6 64.8 120.3

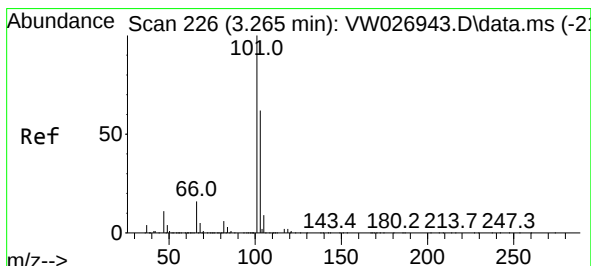
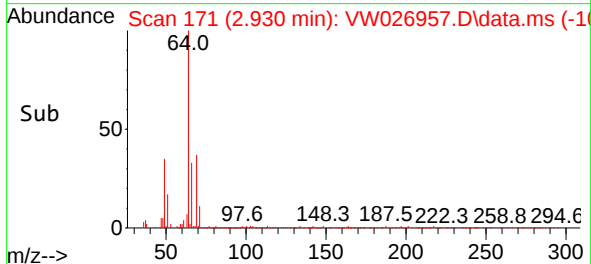
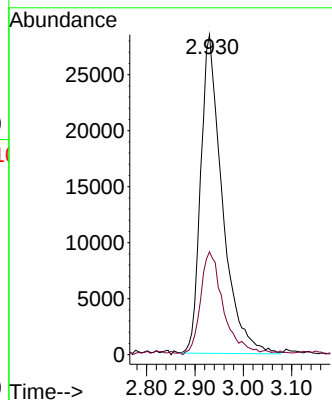
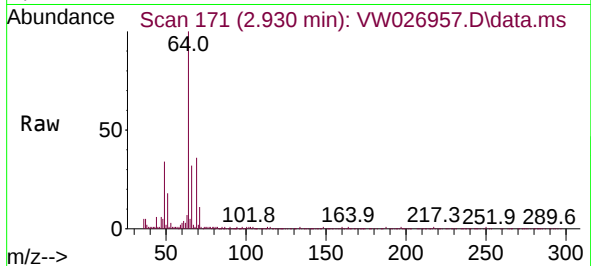




#8
Chloroethane
Concen: 23.059 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

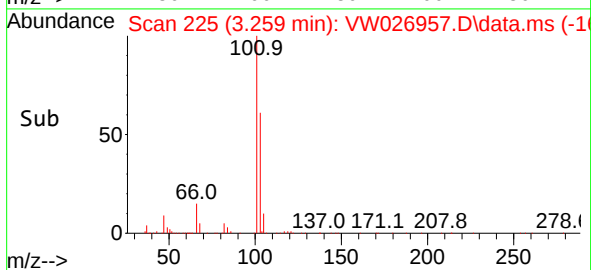
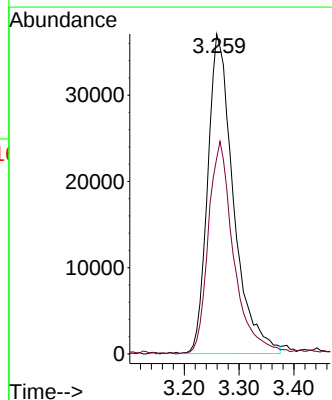
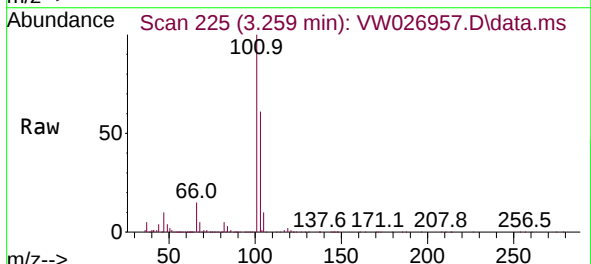
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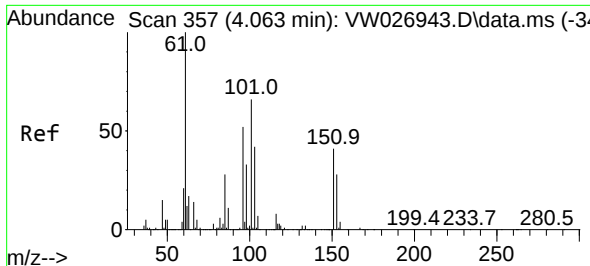
Tgt Ion: 64 Resp: 88306
Ion Ratio Lower Upper
64 100
66 32.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.028 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 101 Resp: 120785
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

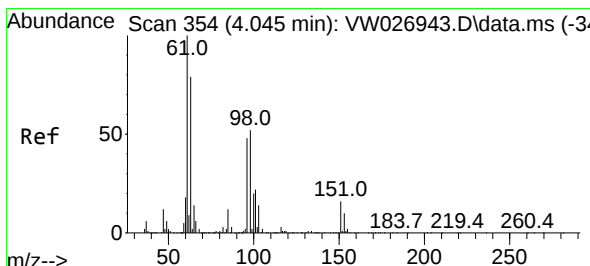
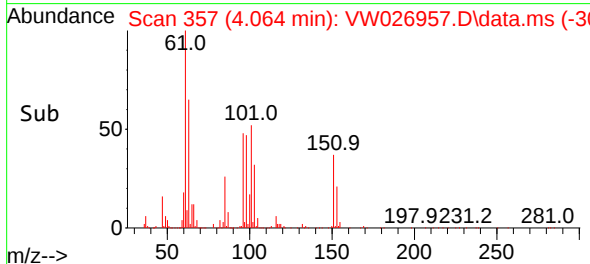
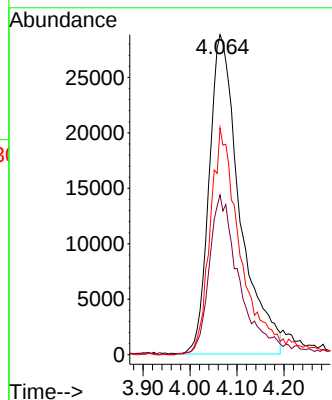
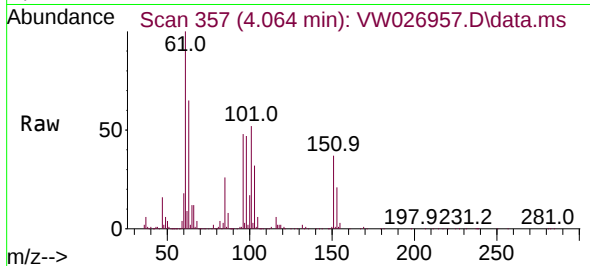




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.051 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW026957.D
 Acq: 29 Aug 2023 18:00

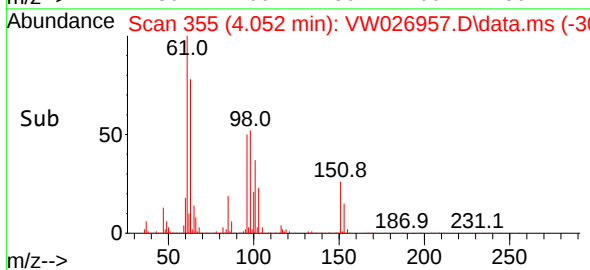
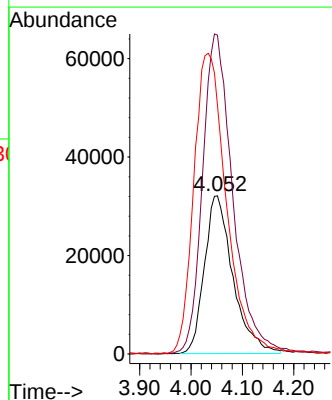
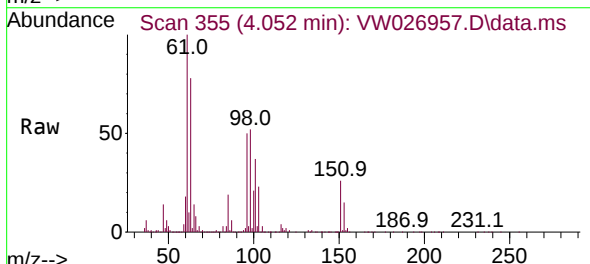
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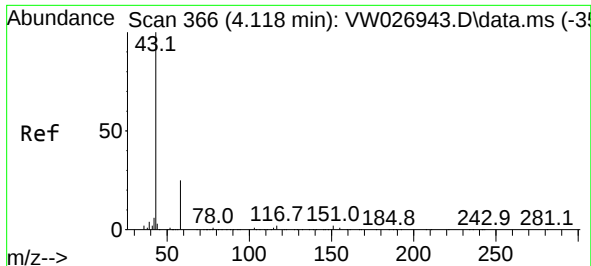
Tgt Ion:101 Resp: 130598
 Ion Ratio Lower Upper
 101 100
 85 47.3 32.8 49.2
 151 69.1 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 23.241 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026957.D
 Acq: 29 Aug 2023 18:00

Tgt Ion: 96 Resp: 123536
 Ion Ratio Lower Upper
 96 100
 61 201.7 133.2 247.4
 63 157.2 109.0 202.4

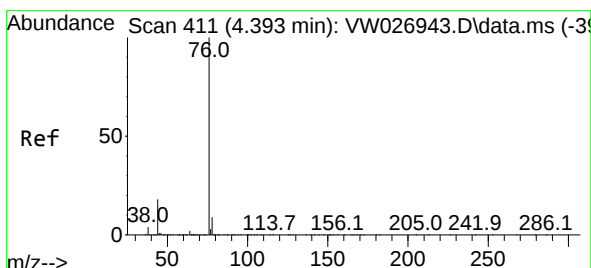
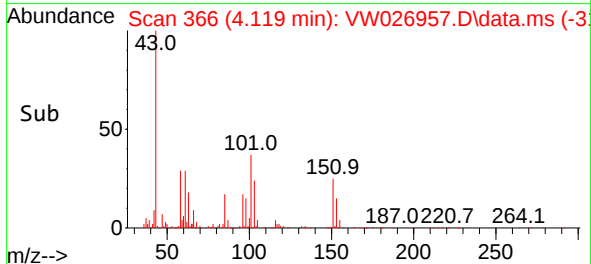
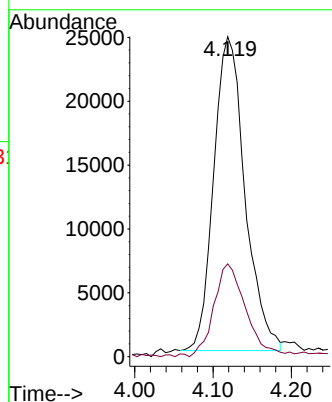
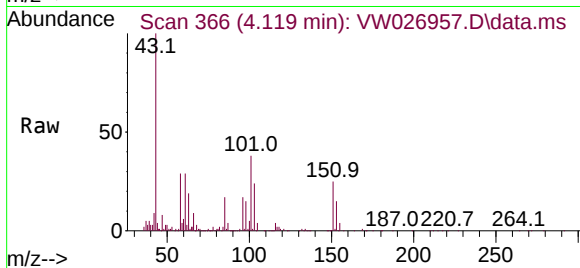




#13
Acetone
Concen: 40.440 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026957.D
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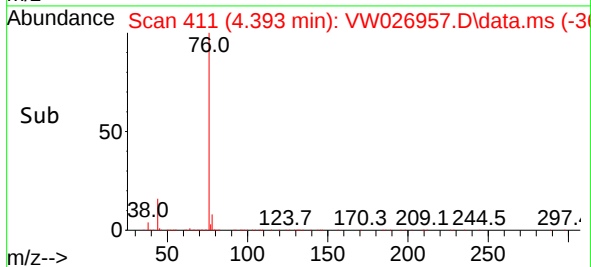
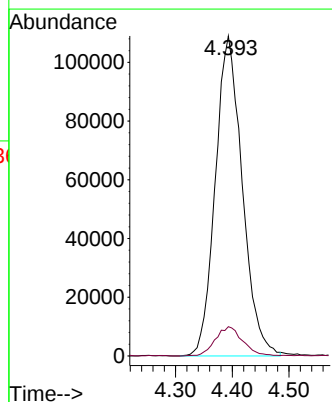
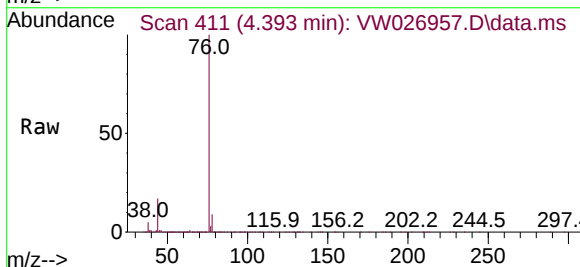
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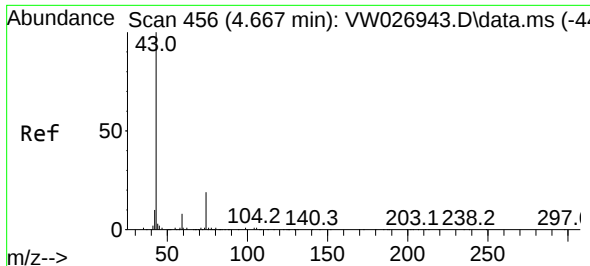
Tgt Ion: 43 Resp: 68321
Ion Ratio Lower Upper
43 100
58 29.9 0.0 57.4



#14
Carbon disulfide
Concen: 18.812 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026957.D
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Tgt Ion: 76 Resp: 359738
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

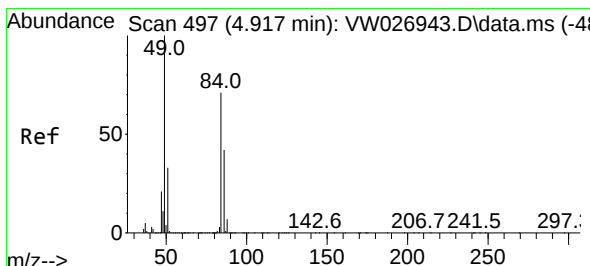
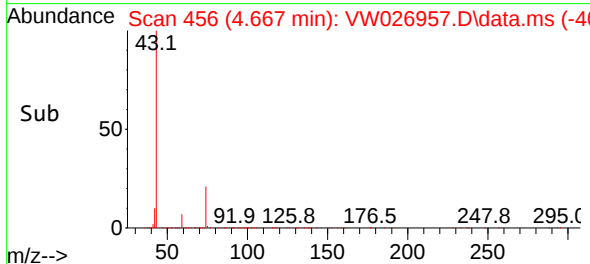
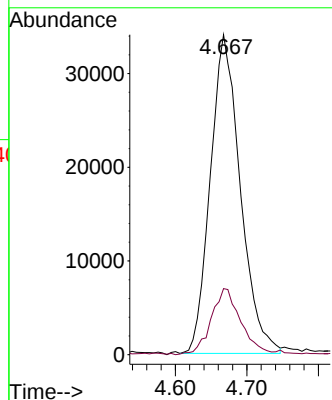
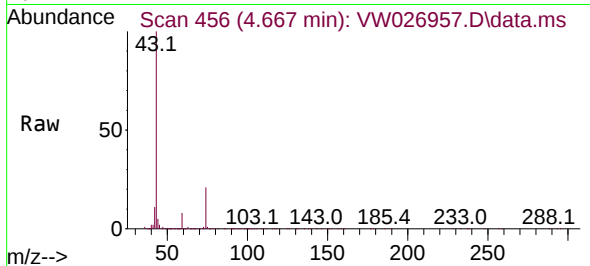




#15
Methyl Acetate
Concen: 29.286 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

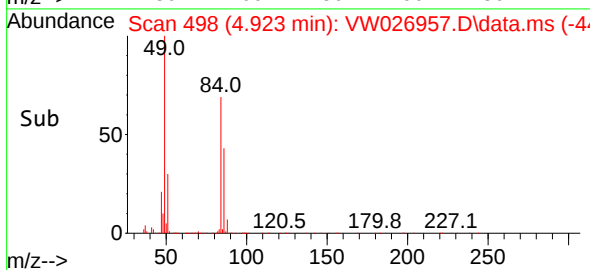
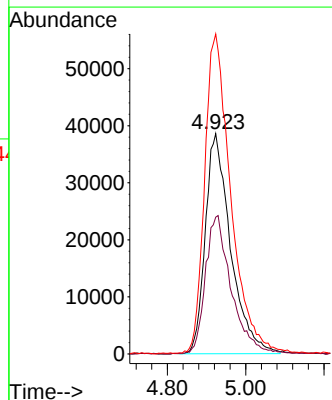
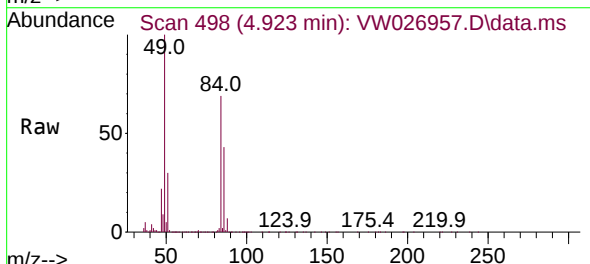
Instrument :
MSVOA_W
ClientSampleId :

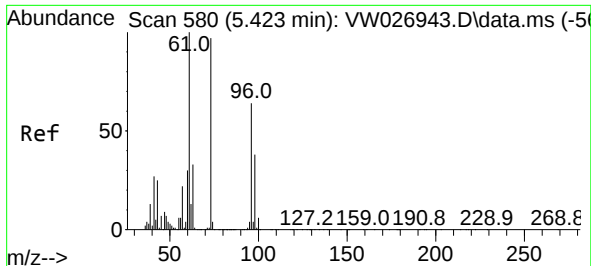
Tgt Ion: 43 Resp: 99107
Ion Ratio Lower Upper
43 100
74 20.4 16.4 24.6



#16
Methylene chloride
Concen: 24.887 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 84 Resp: 173124
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.9
49 145.2 96.0 178.2

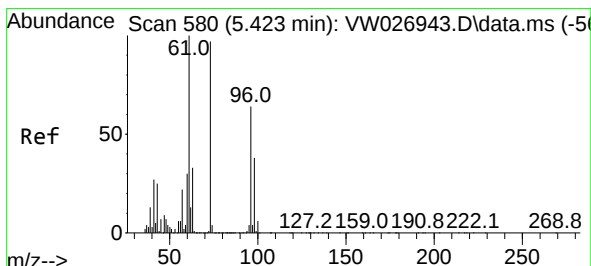
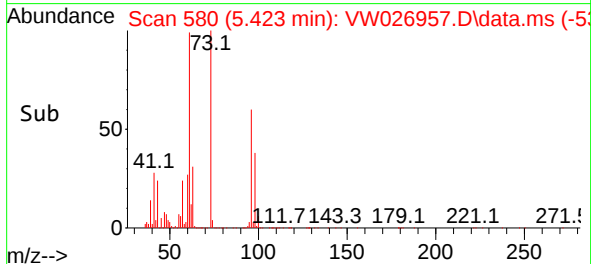
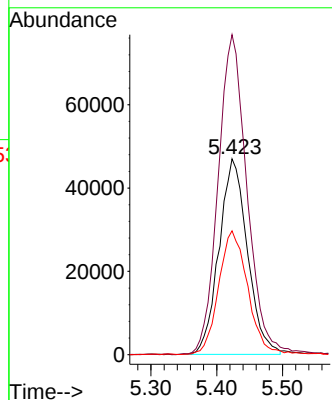
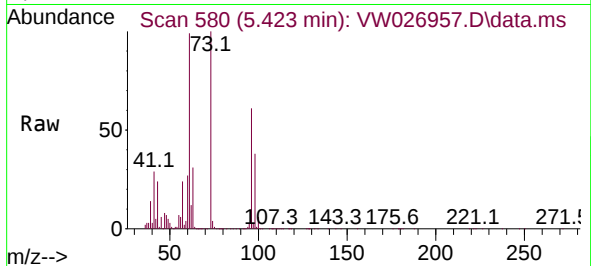




#17
trans-1,2-Dichloroethene
Concen: 23.806 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

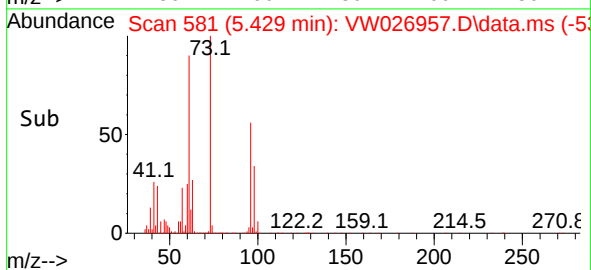
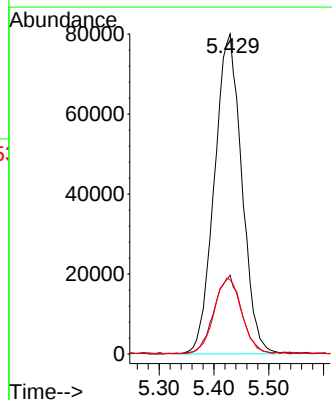
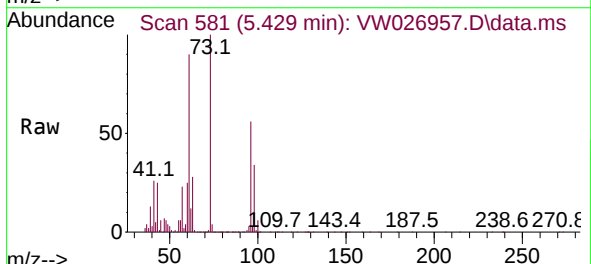
Instrument :
MSVOA_W
ClientSampleId :

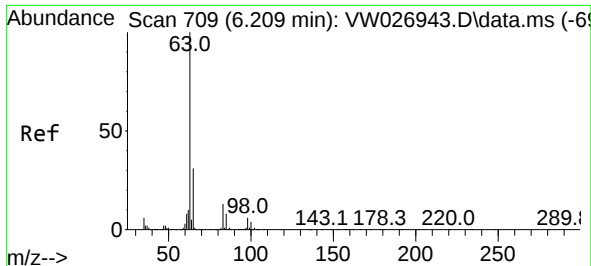
Tgt Ion: 96 Resp: 141204
Ion Ratio Lower Upper
96 100
61 163.4 109.4 203.2
98 63.2 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 30.933 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 73 Resp: 277615
Ion Ratio Lower Upper
73 100
43 24.2 18.0 27.0
57 23.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 27.321 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

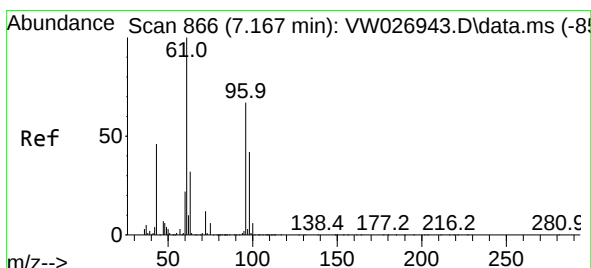
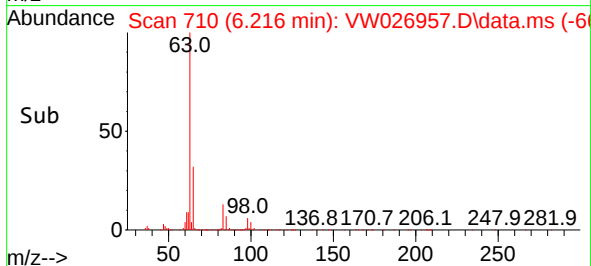
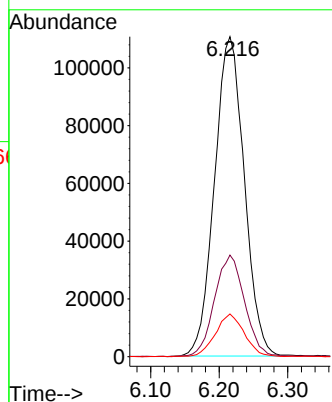
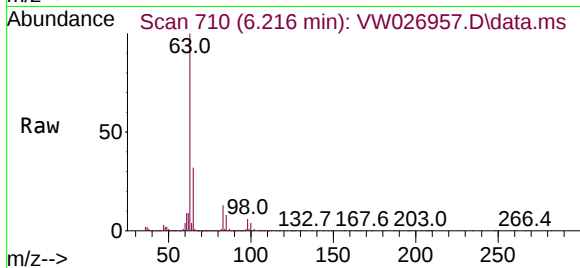
Tgt Ion: 63 Resp: 333528

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 13.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 26.489 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

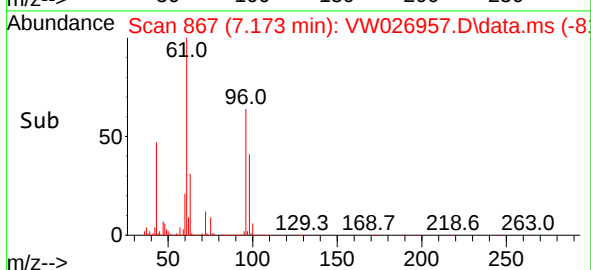
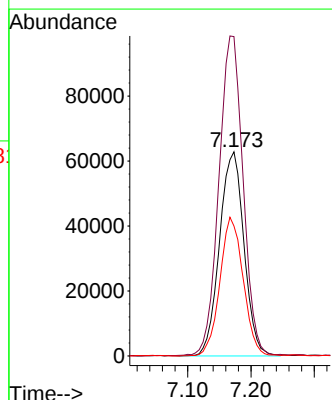
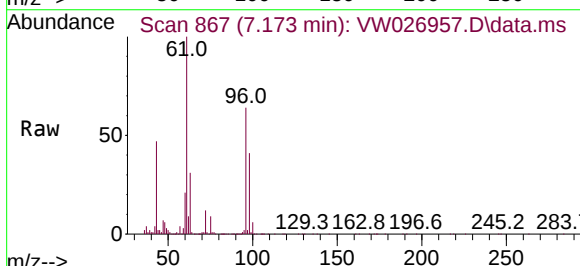
Tgt Ion: 96 Resp: 168877

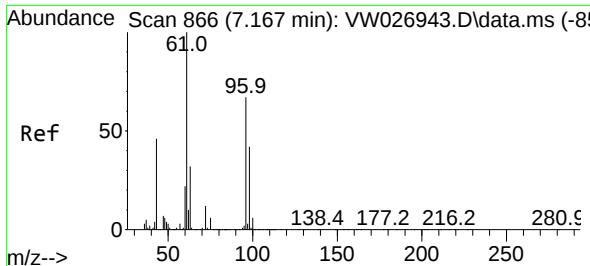
Ion Ratio Lower Upper

96 100

61 156.4 101.2 188.0

98 63.7 43.8 81.3

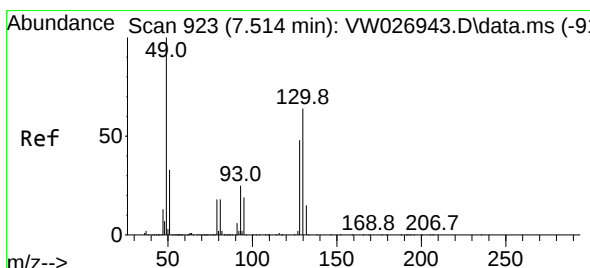
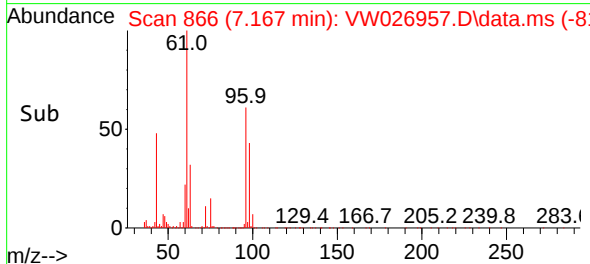
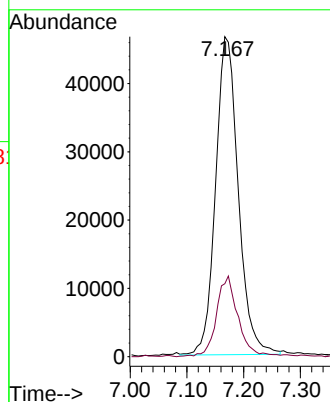
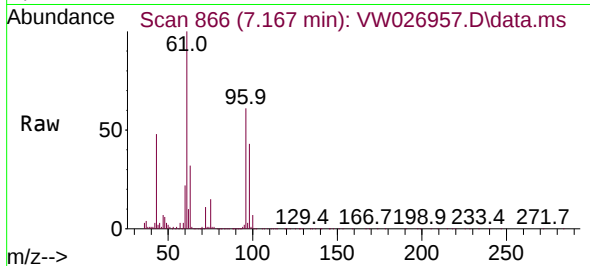




#22
2-Butanone
Concen: 51.940 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

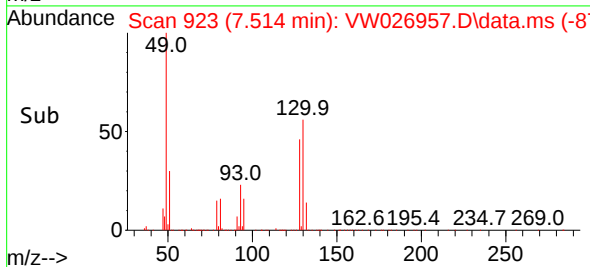
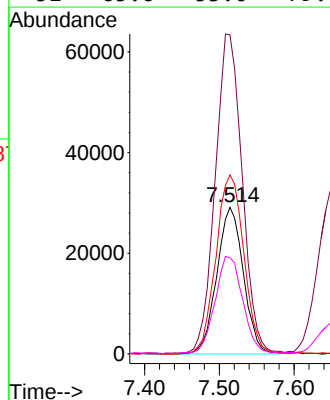
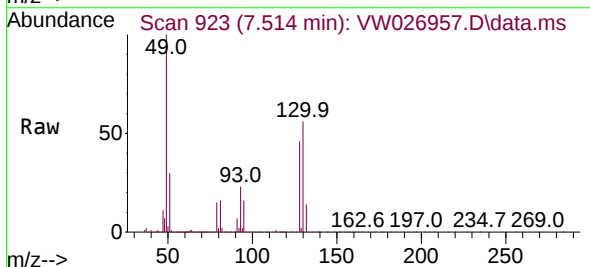
Instrument :
MSVOA_W
ClientSampleId :

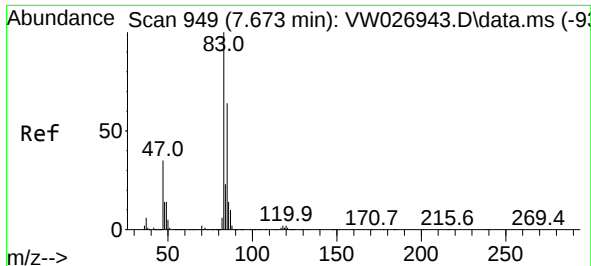
Tgt Ion: 43 Resp: 129315
Ion Ratio Lower Upper
43 100
72 23.0 11.8 35.4



#23
Bromochloromethane
Concen: 26.189 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 128 Resp: 72125
Ion Ratio Lower Upper
128 100
49 217.8 143.1 265.7
130 122.1 91.8 170.4
51 65.6 53.0 79.4

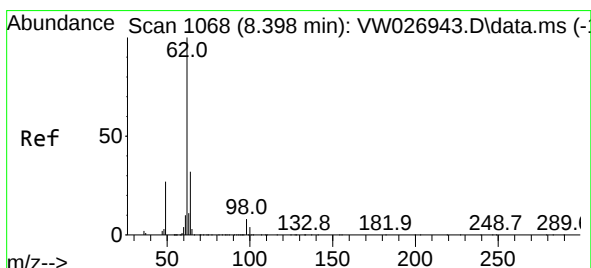
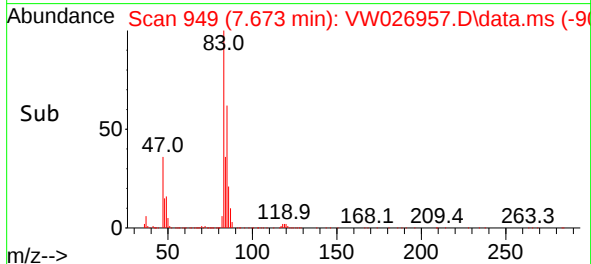
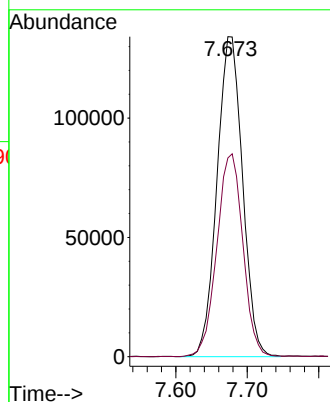
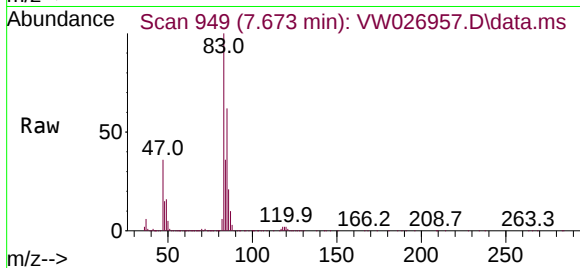




#25
Chloroform
Concen: 28.222 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

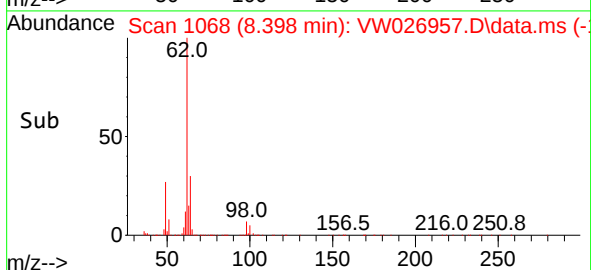
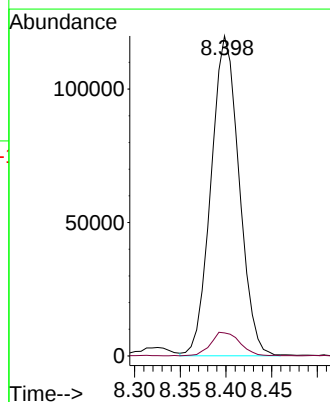
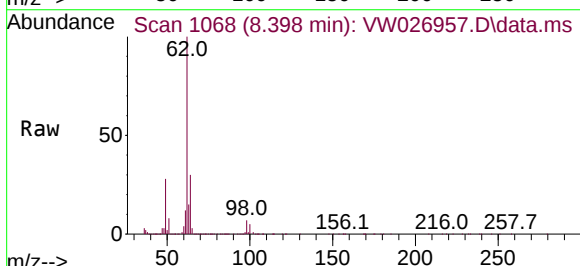
Instrument :
MSVOA_W
ClientSampleId :

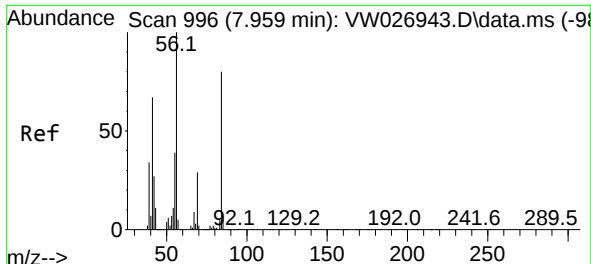
Tgt Ion: 83 Resp: 332838
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 31.142 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

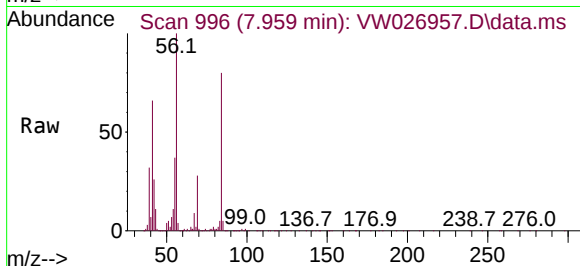
Tgt Ion: 62 Resp: 256221
Ion Ratio Lower Upper
62 100
98 7.2 7.1 10.7



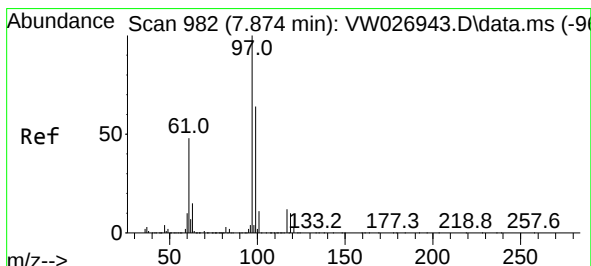
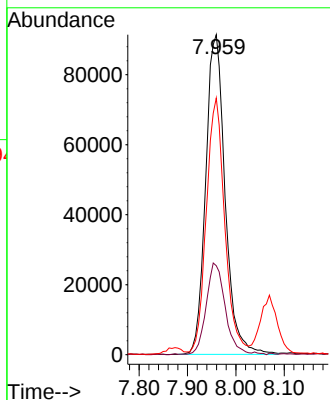
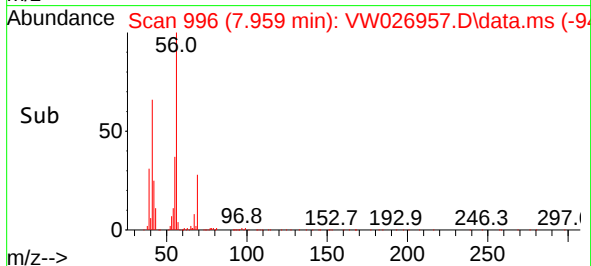


#29
Cyclohexane
Concen: 23.199 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :

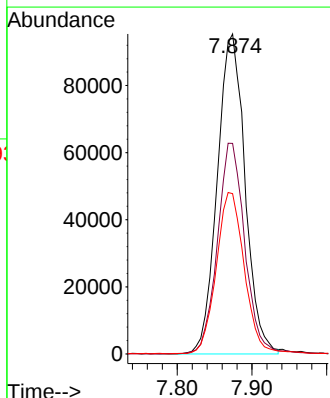
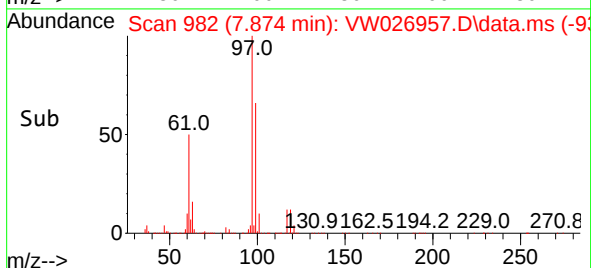
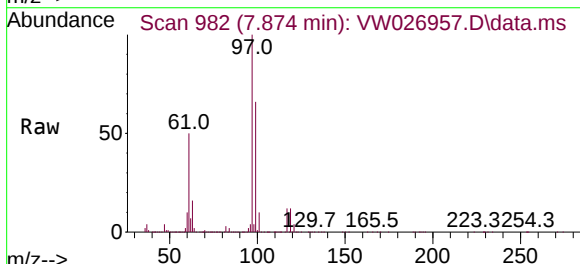


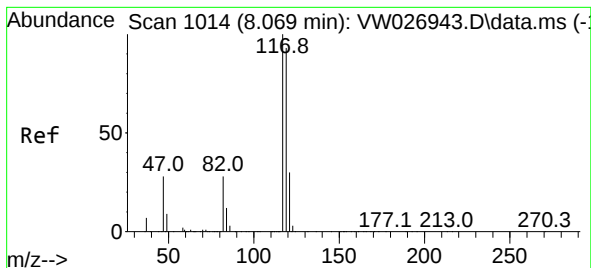
Tgt Ion: 56 Resp: 254818
Ion Ratio Lower Upper
56 100
69 27.7 23.2 34.8
84 76.3 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 26.597 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 97 Resp: 246542
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 50.8 39.2 58.8





#31

Carbon tetrachloride

Concen: 26.202 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

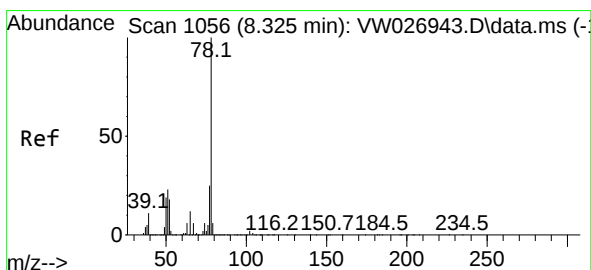
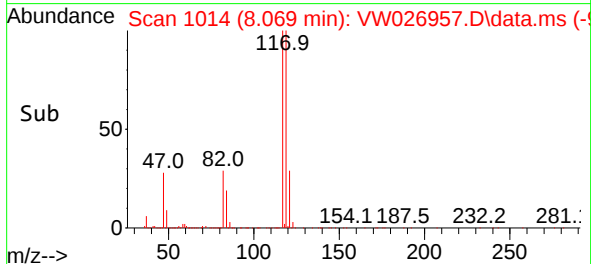
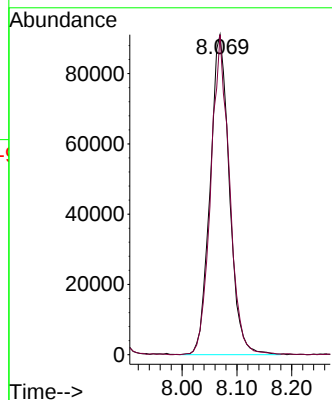
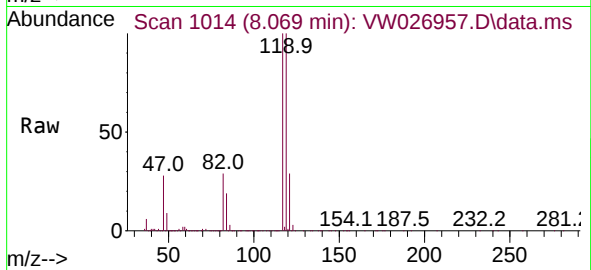
ClientSampleId :

Tgt Ion:117 Resp: 222074

Ion Ratio Lower Upper

117 100

119 96.4 73.0 109.4



#33

Benzene

Concen: 26.167 ug/L

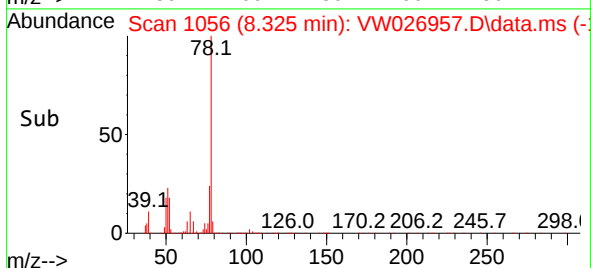
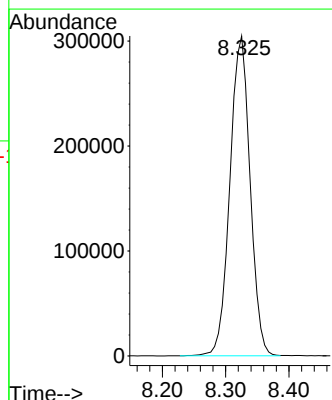
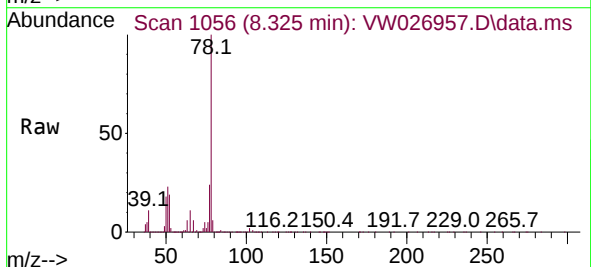
RT: 8.325 min Scan# 1056

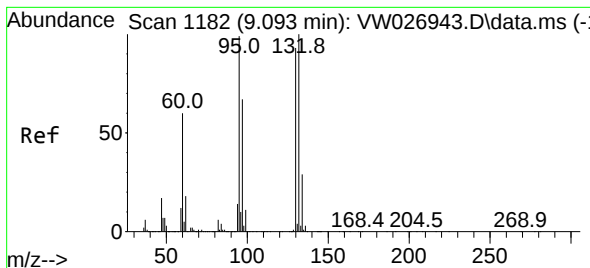
Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Tgt Ion: 78 Resp: 676801





#34

Trichloroethene

Concen: 25.579 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

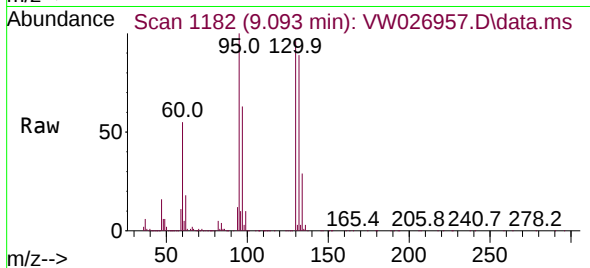
Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 168504

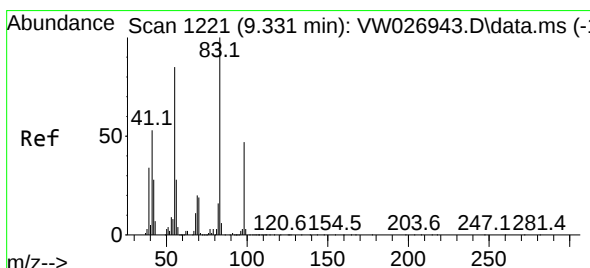
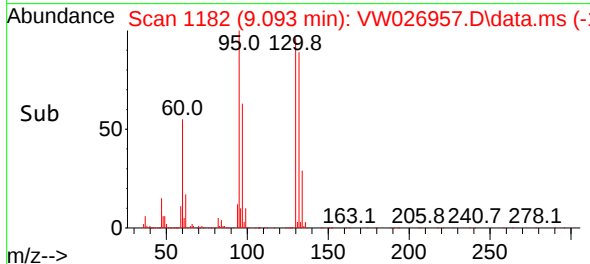
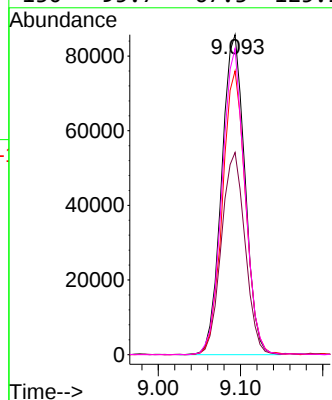
Ion Ratio Lower Upper

95 100

97 63.2 44.6 82.8

132 88.7 66.4 123.2

130 95.7 67.3 125.1



#35

Methylcyclohexane

Concen: 23.166 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

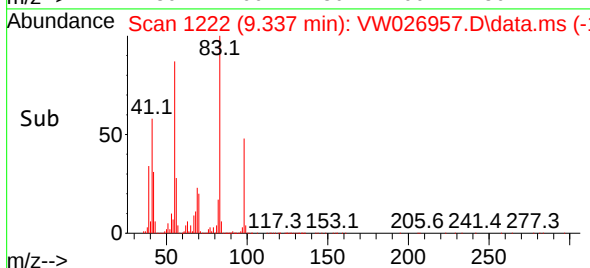
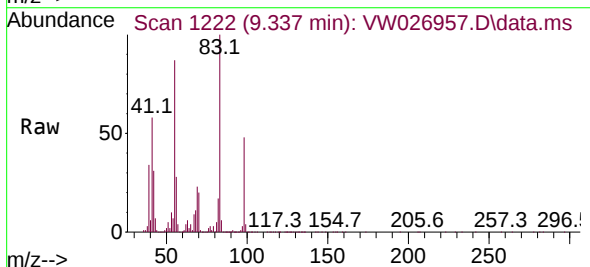
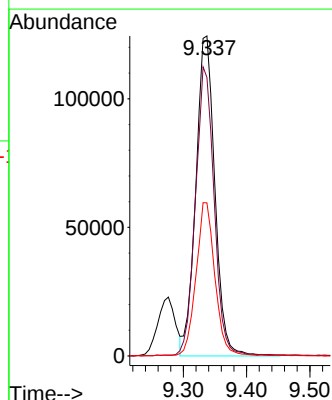
Tgt Ion: 83 Resp: 261073

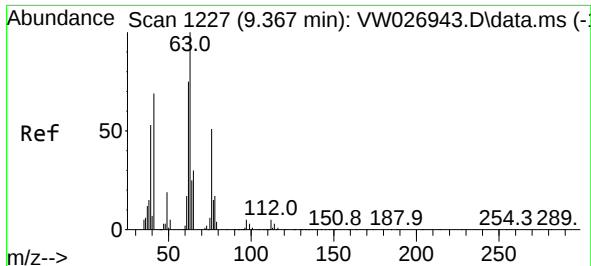
Ion Ratio Lower Upper

83 100

55 88.2 69.3 103.9

98 47.4 37.4 56.0





#37

1,2-Dichloropropane

Concen: 26.879 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

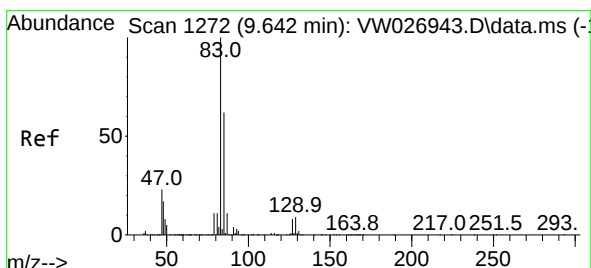
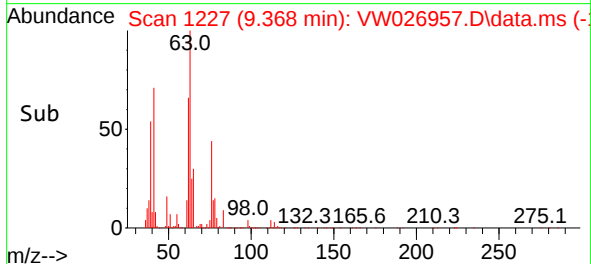
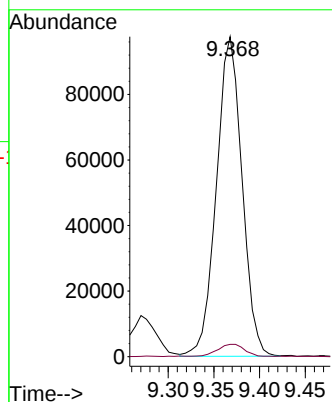
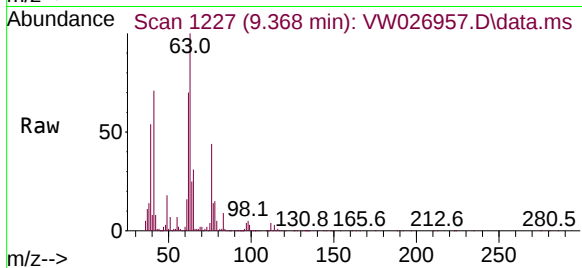
ClientSampleId :

Tgt Ion: 63 Resp: 190424

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 28.798 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

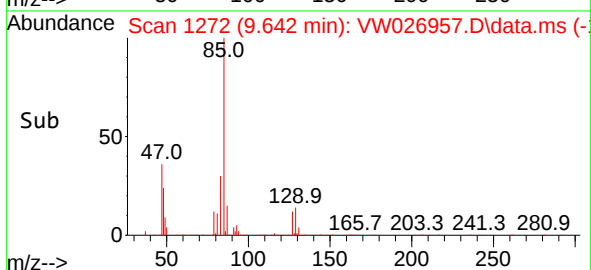
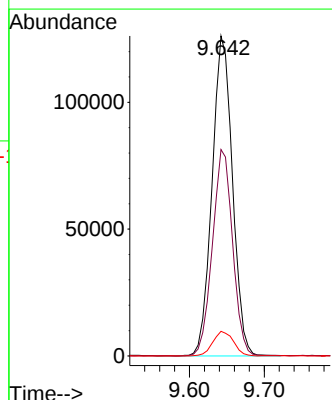
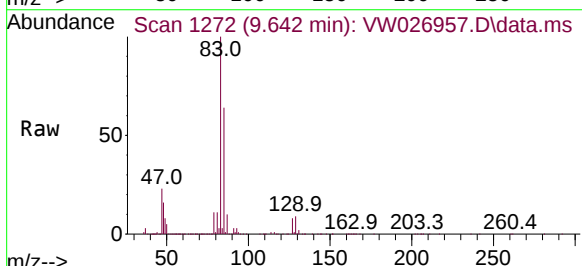
Tgt Ion: 83 Resp: 239344

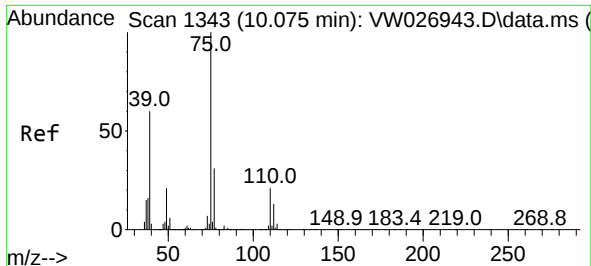
Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 27.593 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

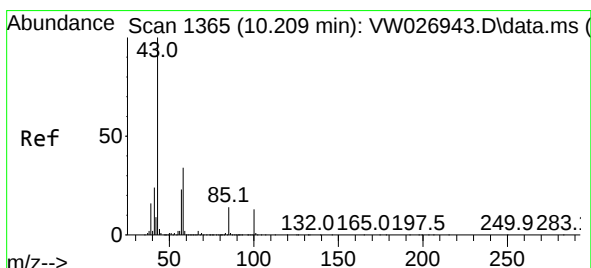
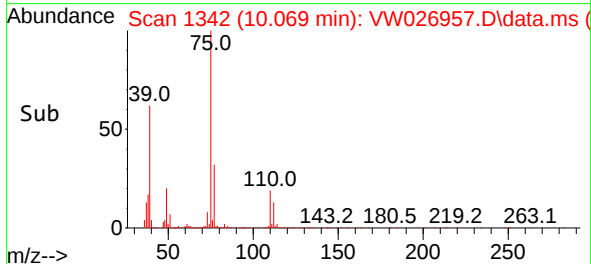
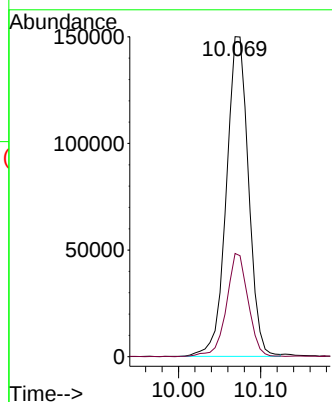
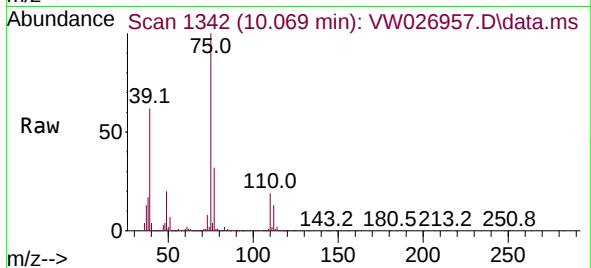
ClientSampleId :

Tgt Ion: 75 Resp: 281227

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 63.771 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

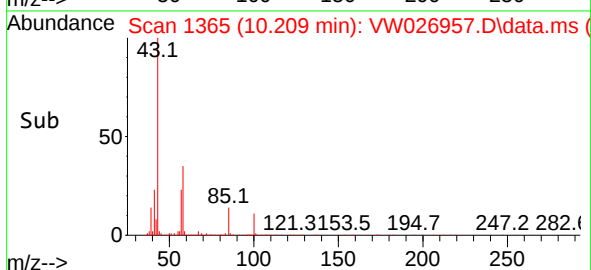
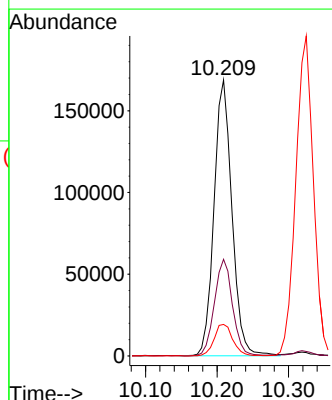
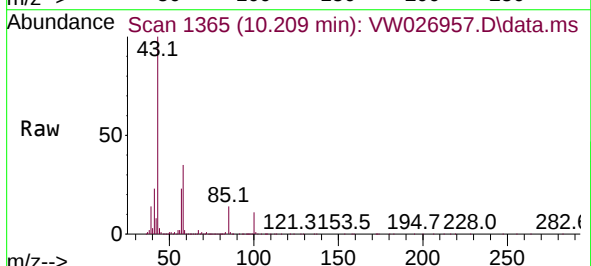
Tgt Ion: 43 Resp: 293877

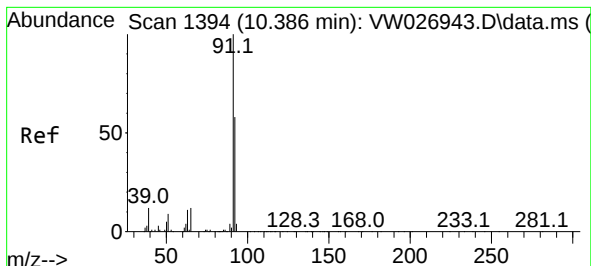
Ion Ratio Lower Upper

43 100

58 35.5 29.2 43.8

100 12.0 10.7 16.1





#42

Toluene

Concen: 27.339 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

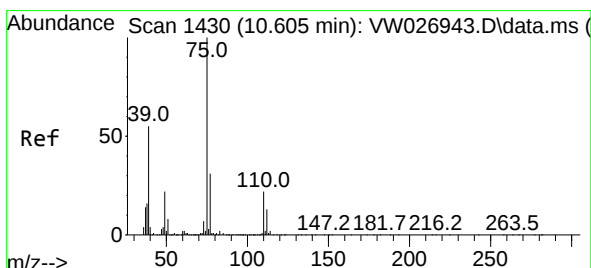
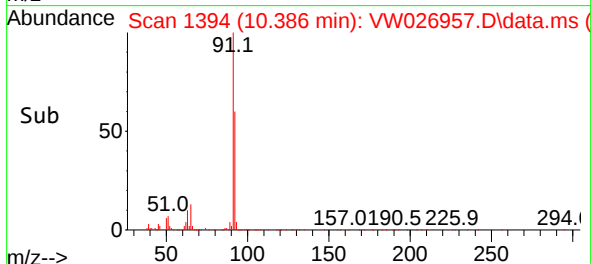
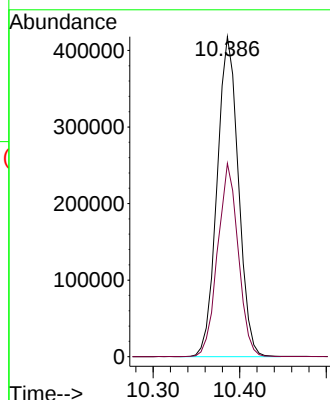
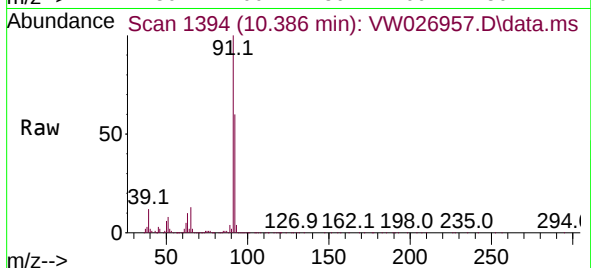
ClientSampleId :

Tgt Ion: 91 Resp: 715306

Ion Ratio Lower Upper

91 100

92 60.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 28.353 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026957.D

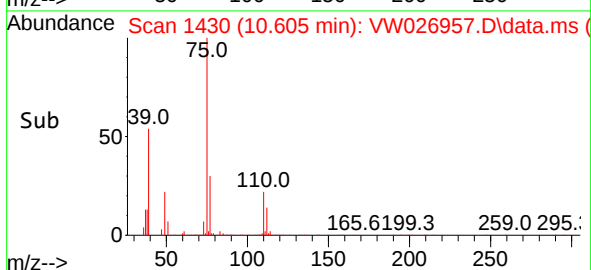
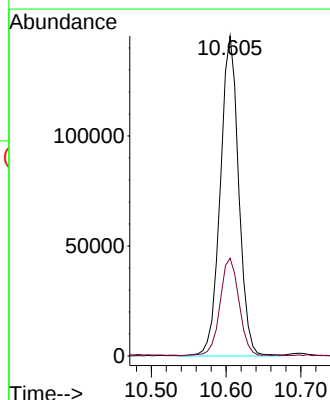
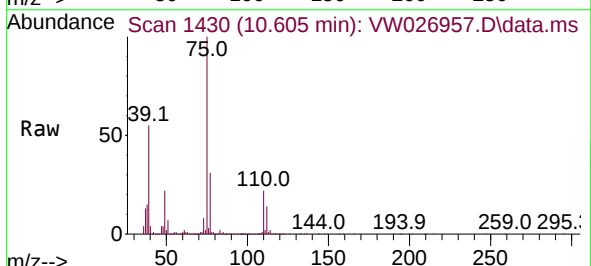
Acq: 29 Aug 2023 18:00

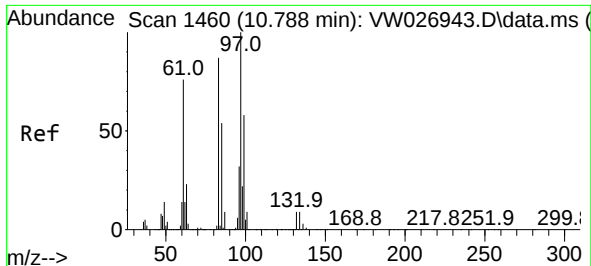
Tgt Ion: 75 Resp: 248722

Ion Ratio Lower Upper

75 100

77 30.5 21.2 39.4

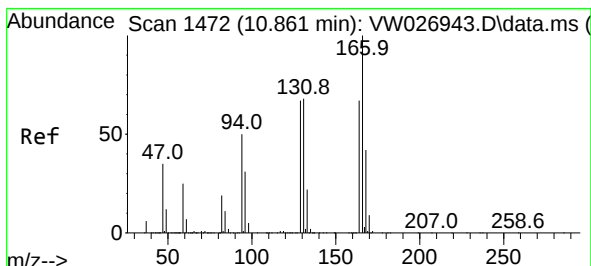
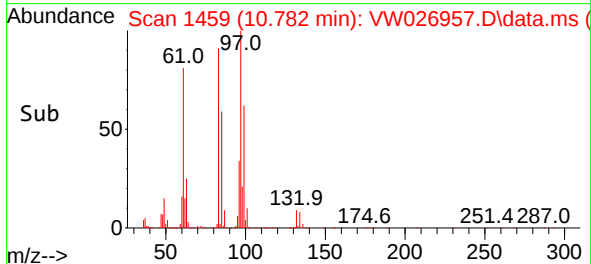
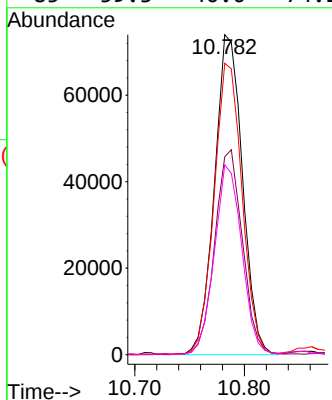
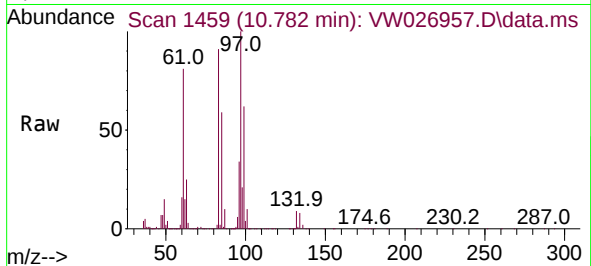




#45
1,1,2-Trichloroethane
Concen: 27.076 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

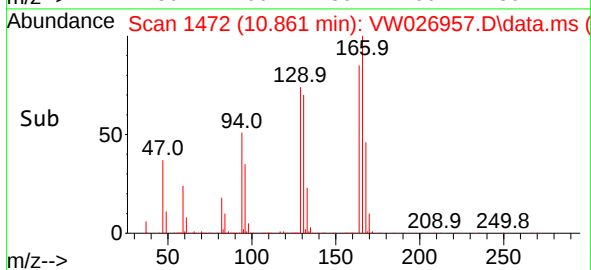
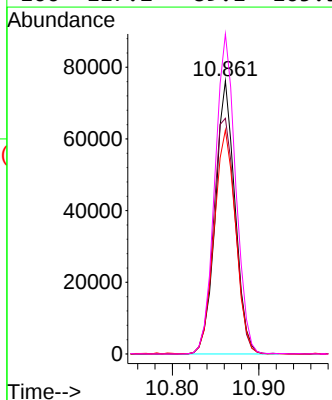
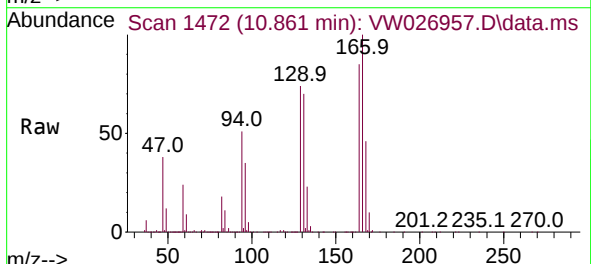
Instrument :
MSVOA_W
ClientSampleId :

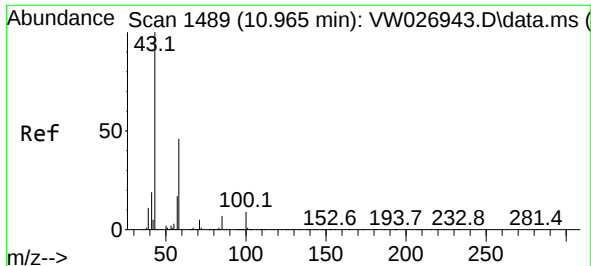
Tgt Ion: 97	Resp: 131190
Ion Ratio	Lower Upper
97 100	
99 61.8	44.2 82.0
83 91.0	61.9 114.9
85 59.3	40.0 74.2



#46
Tetrachloroethene
Concen: 25.121 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt	Ion:164	Resp:	120224
	Ratio	Lower	Upper
164	100		
129	86.3	68.1	126.5
131	82.0	65.5	121.7
166	117.2	89.1	165.5



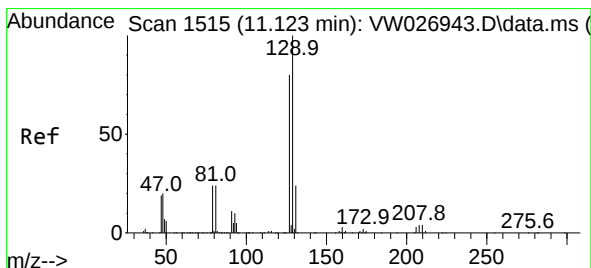
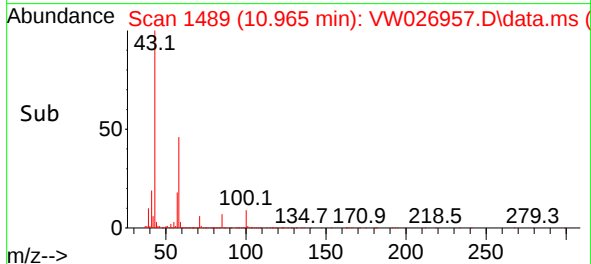
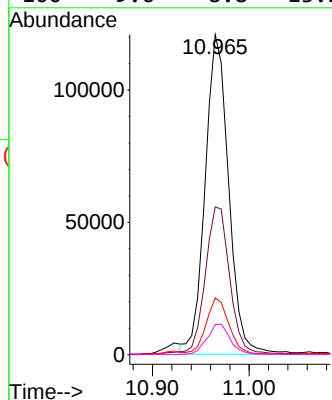
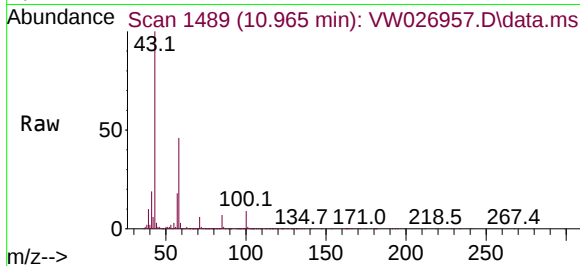


#48
2-Hexanone
Concen: 65.023 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 203894

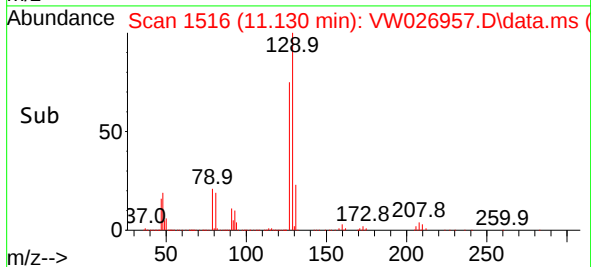
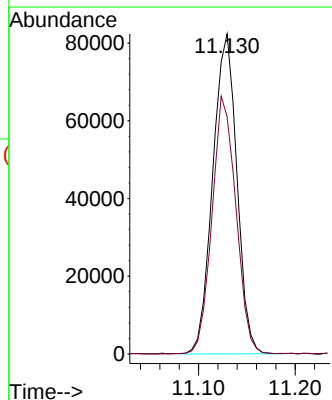
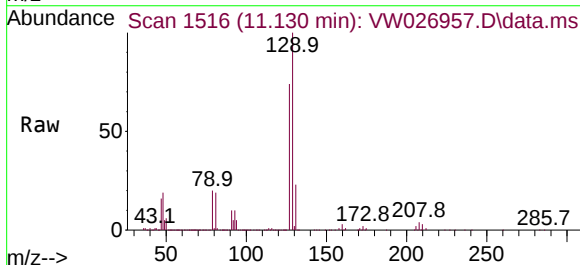
Ion	Ratio	Lower	Upper
43	100		
58	48.7	41.1	61.7
57	17.2	14.3	21.5
100	9.6	8.8	13.2

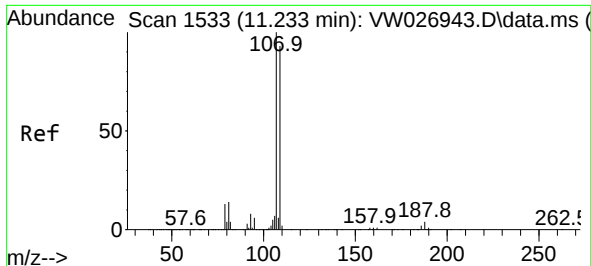


#49
Dibromochloromethane
Concen: 28.095 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 129 Resp: 142374

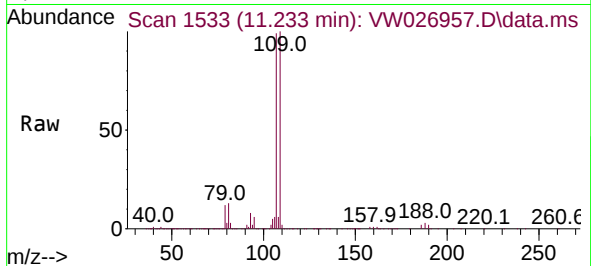
Ion	Ratio	Lower	Upper
129	100		
127	74.2	56.6	105.2



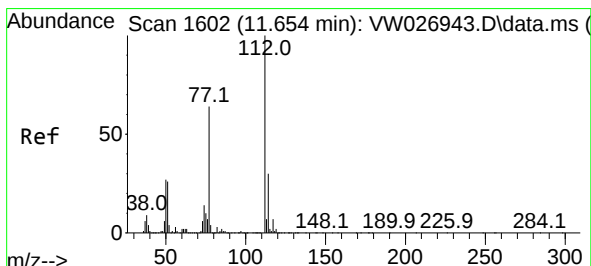
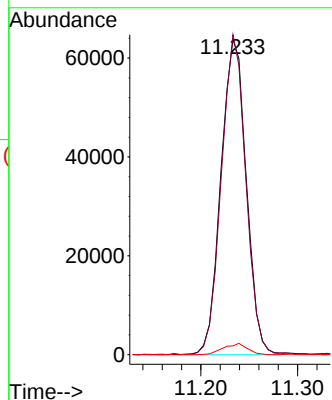
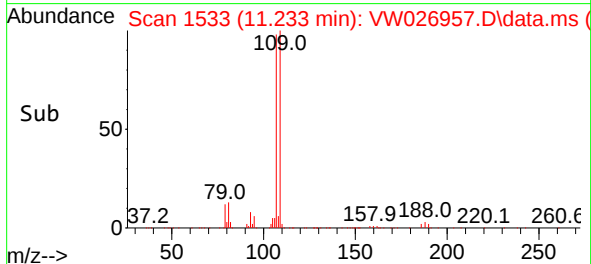


#50
1,2-Dibromoethane
Concen: 25.534 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Instrument :
MSVOA_W
ClientSampleId :

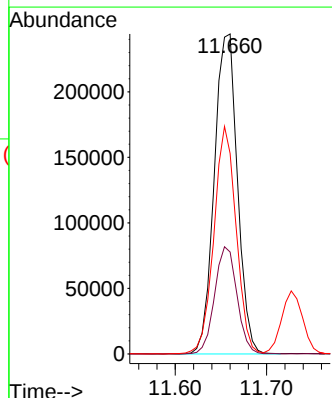
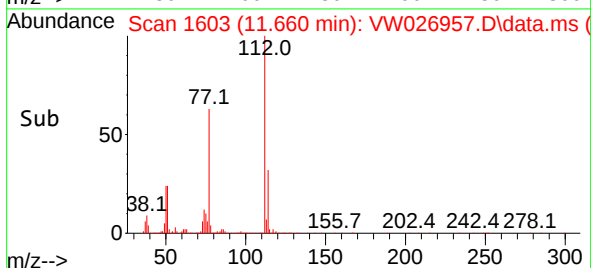
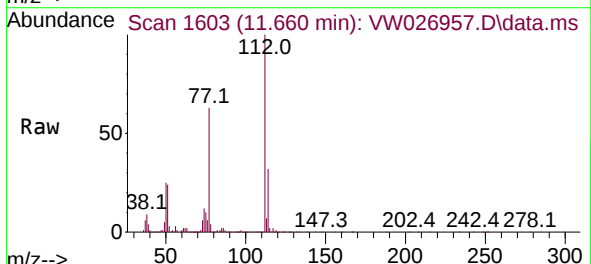


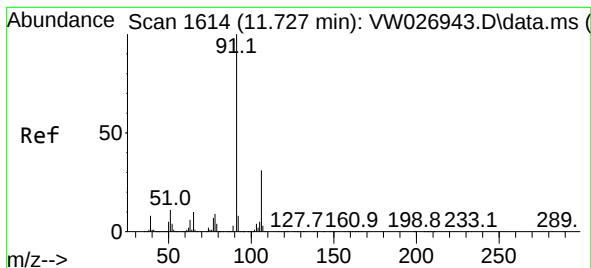
Tgt Ion:107 Resp: 116086
Ion Ratio Lower Upper
107 100
109 101.5 68.8 127.8
188 2.8 2.7 4.1



#51
Chlorobenzene
Concen: 26.039 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion:112 Resp: 430361
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 62.6 50.2 75.2

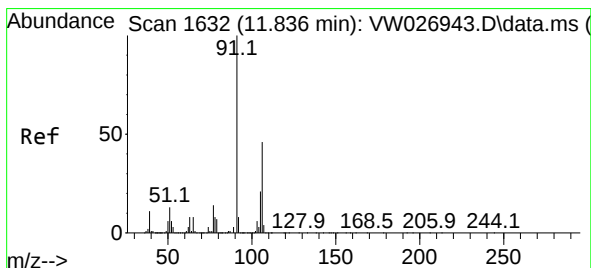
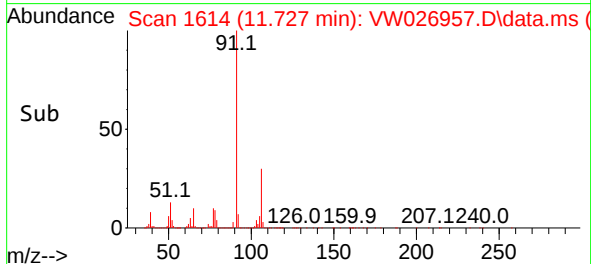
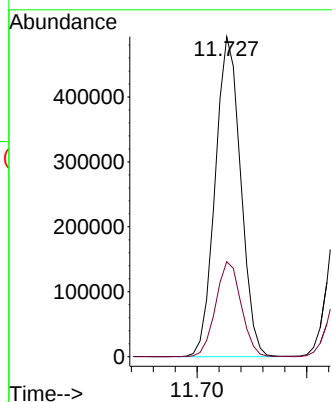
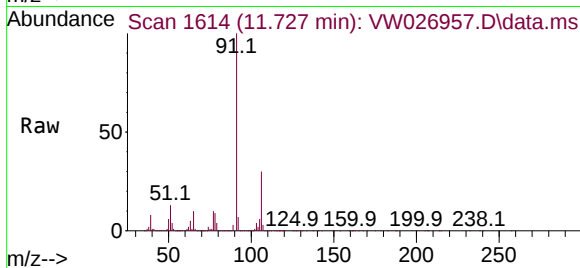




#52
Ethylbenzene
Concen: 27.121 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

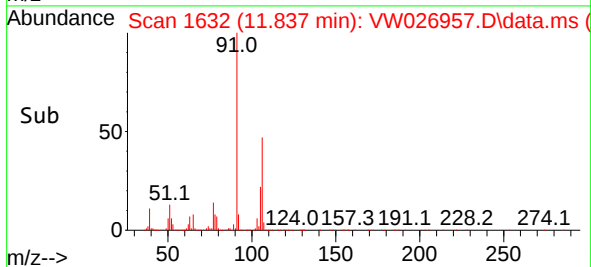
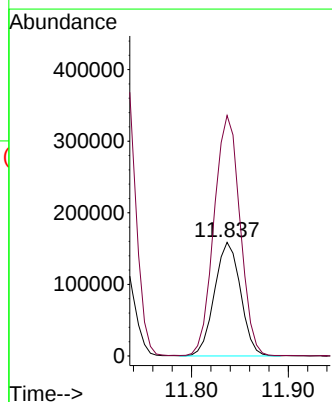
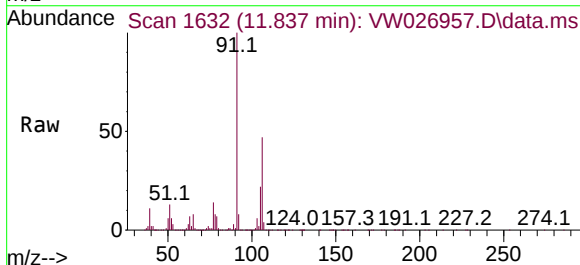
Instrument :
MSVOA_W
ClientSampleId :

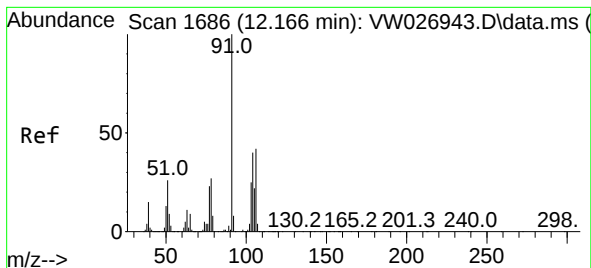
Tgt Ion: 91 Resp: 795769
Ion Ratio Lower Upper
91 100
106 29.7 20.2 37.6



#53
m,p-Xylene
Concen: 27.355 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion: 106 Resp: 297344
Ion Ratio Lower Upper
106 100
91 211.6 152.9 284.1

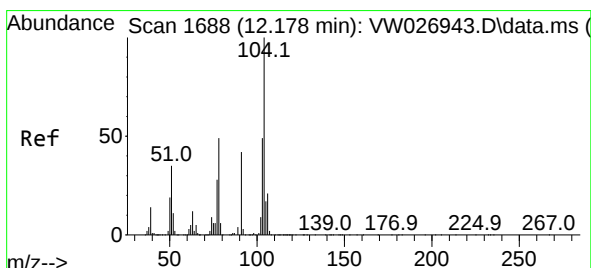
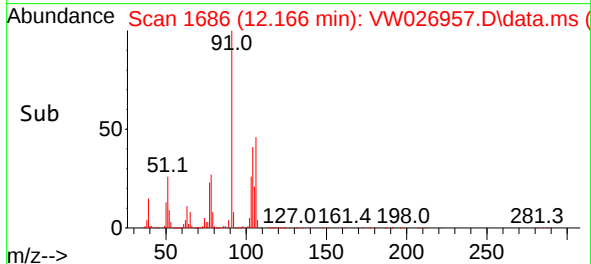
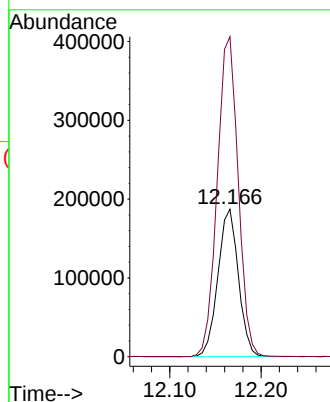
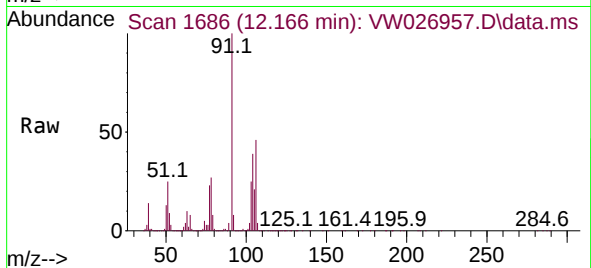




#54
o-Xylene
Concen: 28.861 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

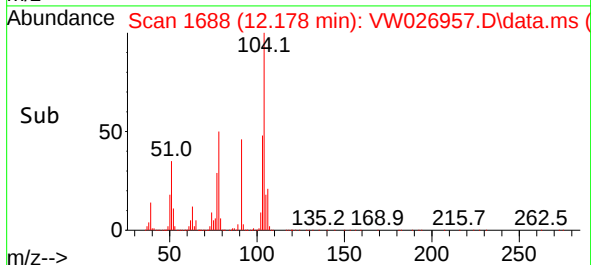
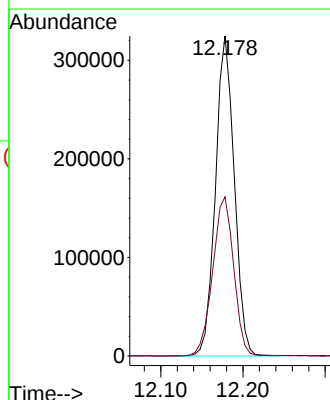
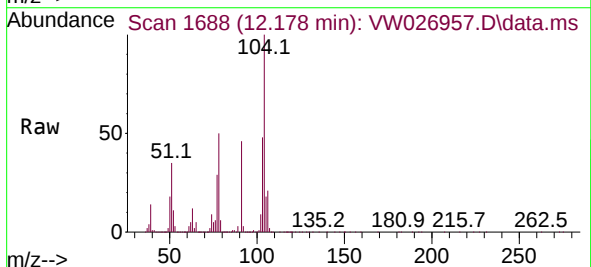
Instrument :
MSVOA_W
ClientSampleId :

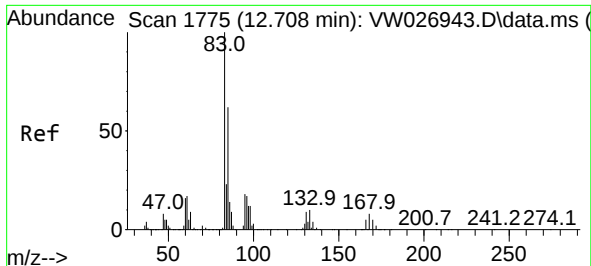
Tgt Ion:106 Resp: 292787
Ion Ratio Lower Upper
106 100
91 217.0 149.9 278.3



#55
Styrene
Concen: 29.317 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion:104 Resp: 517126
Ion Ratio Lower Upper
104 100
78 49.7 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 27.569 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

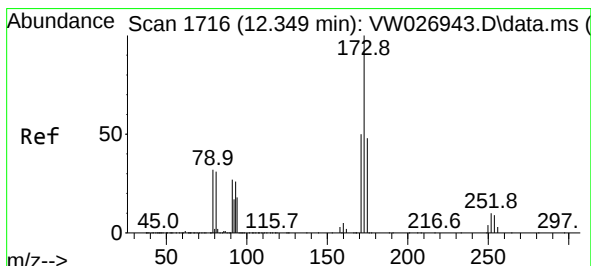
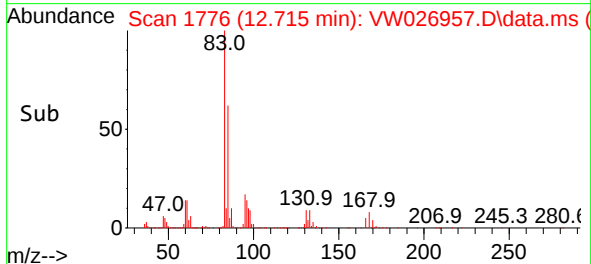
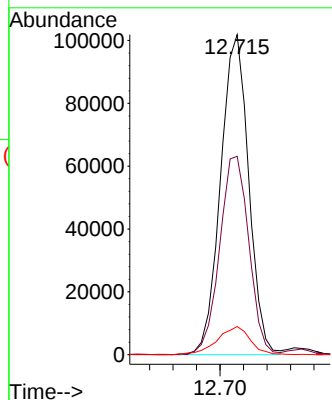
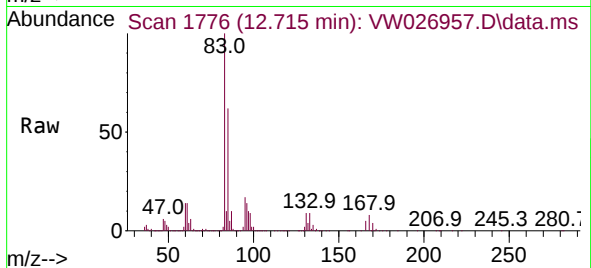
Tgt Ion: 83 Resp: 169173

Ion Ratio Lower Upper

83 100

85 62.0 44.9 83.3

131 8.8 7.4 11.0



#59

Bromoform

Concen: 26.165 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

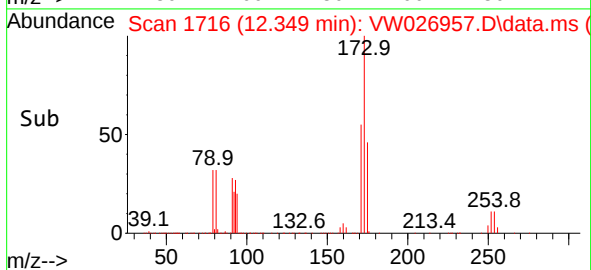
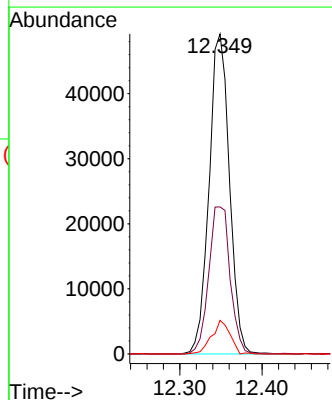
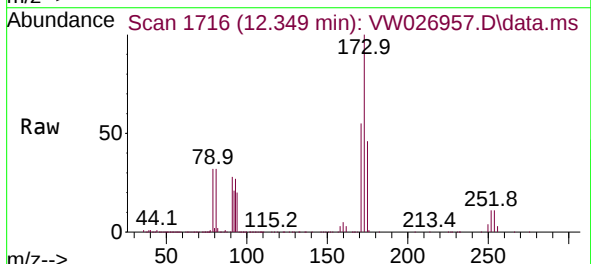
Tgt Ion: 173 Resp: 84711

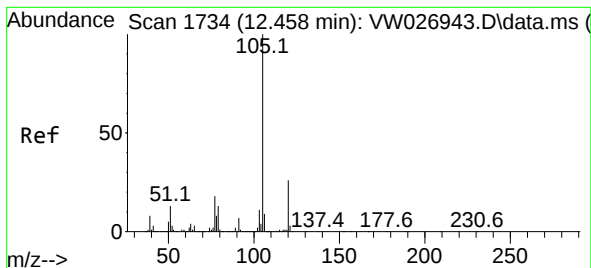
Ion Ratio Lower Upper

173 100

175 48.3 36.6 55.0

254 9.4 7.8 11.6





#60

Isopropylbenzene

Concen: 26.395 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

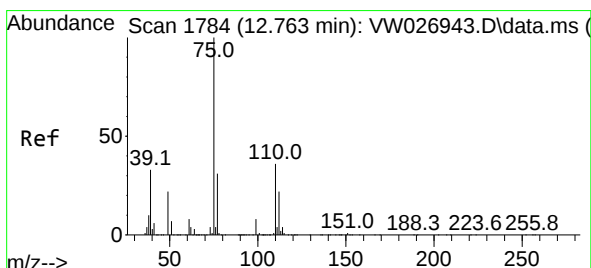
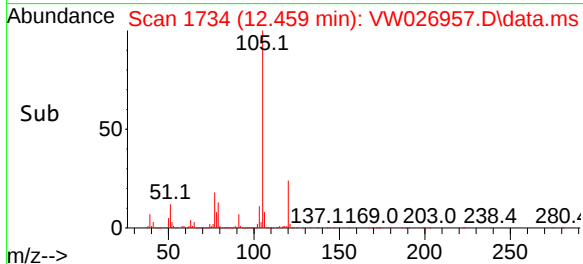
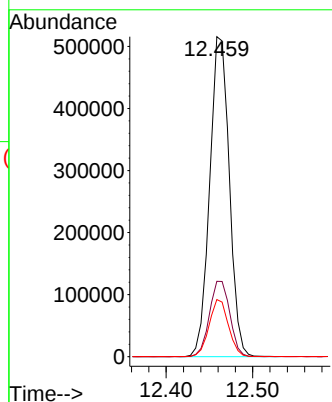
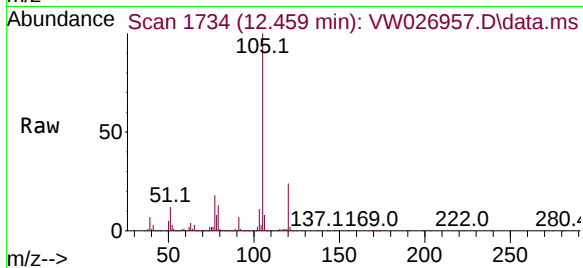
Tgt Ion:105 Resp: 811066

Ion Ratio Lower Upper

105 100

120 24.6 21.0 31.6

77 17.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.069 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

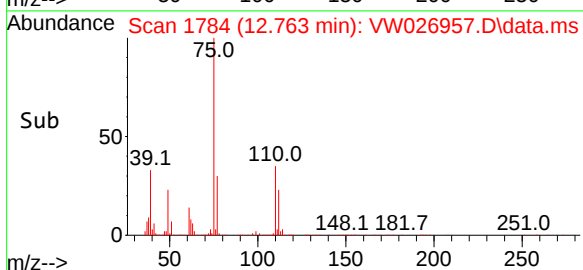
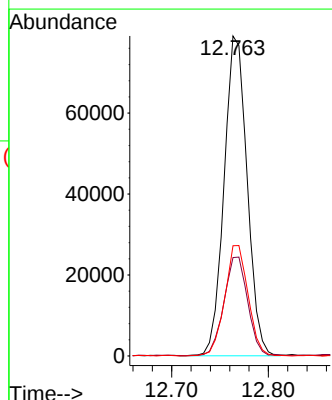
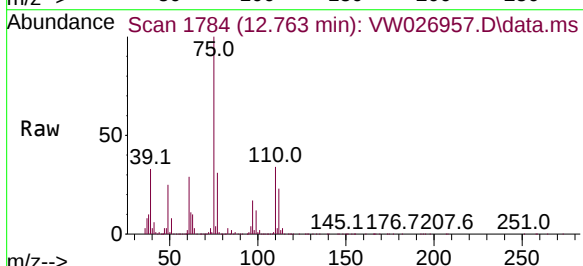
Tgt Ion: 75 Resp: 130695

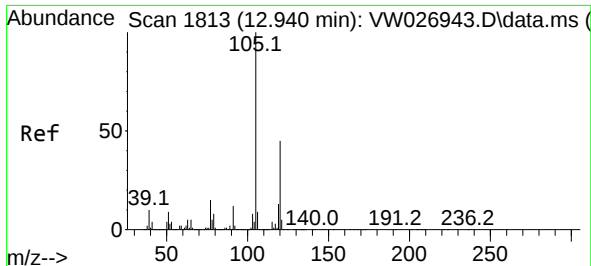
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

110 35.0 29.9 44.9

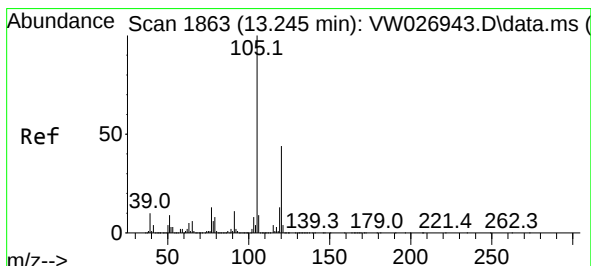
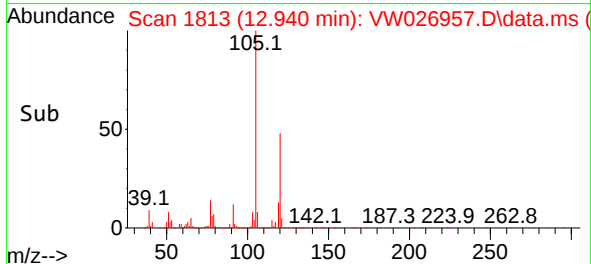
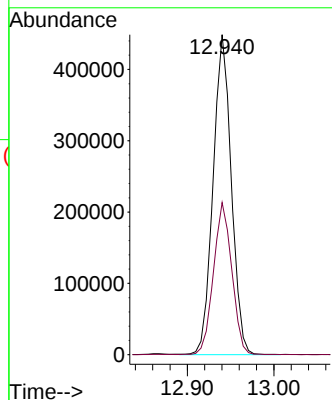
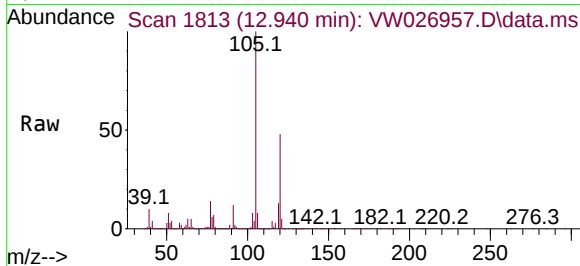




#62
1,3,5-Trimethylbenzene
Concen: 27.014 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

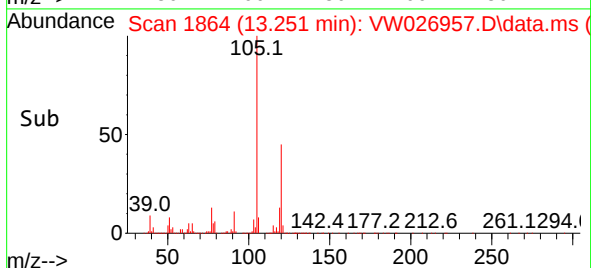
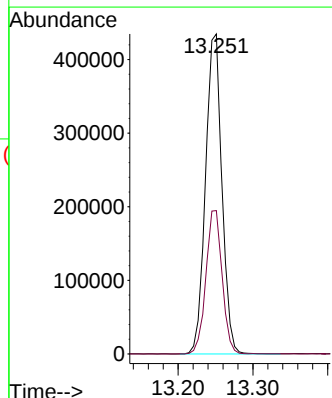
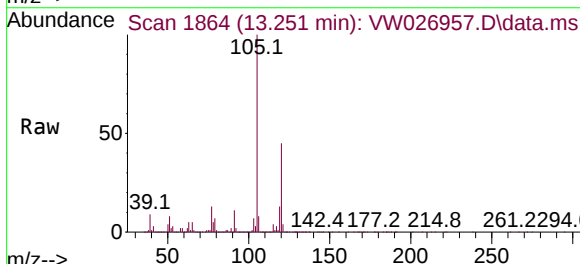
Instrument :
MSVOA_W
ClientSampleId :

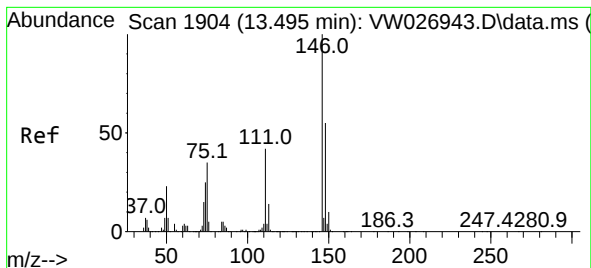
Tgt Ion:105 Resp: 656093
Ion Ratio Lower Upper
105 100
120 47.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 27.786 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026957.D
Acq: 29 Aug 2023 18:00

Tgt Ion:105 Resp: 661301
Ion Ratio Lower Upper
105 100
120 44.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 25.660 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

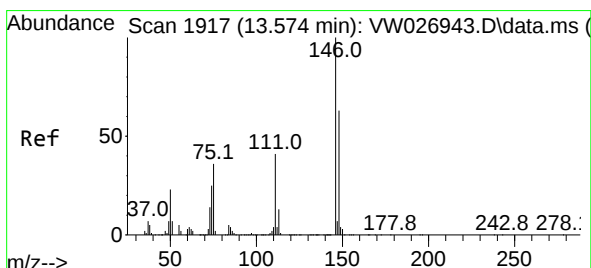
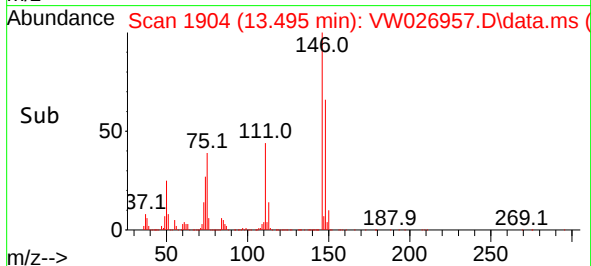
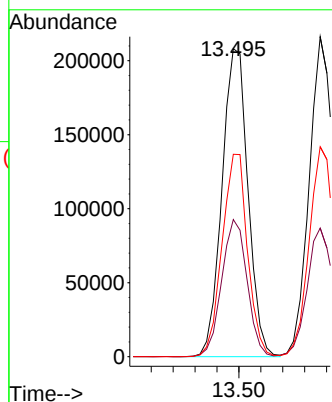
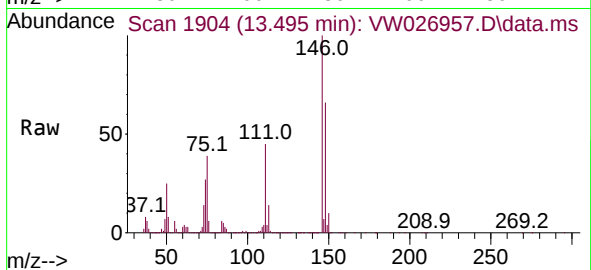
Tgt Ion:146 Resp: 342913

Ion Ratio Lower Upper

146 100

111 44.5 29.1 54.1

148 65.7 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 24.806 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

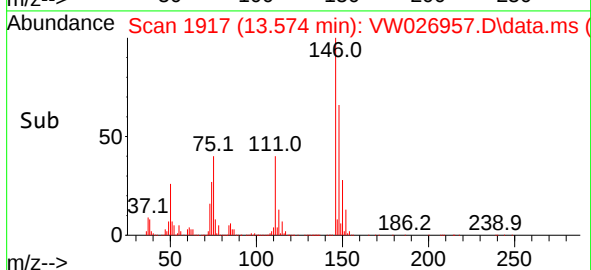
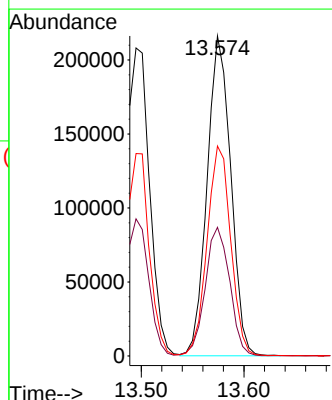
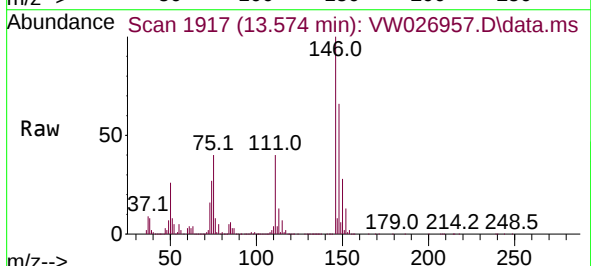
Tgt Ion:146 Resp: 345949

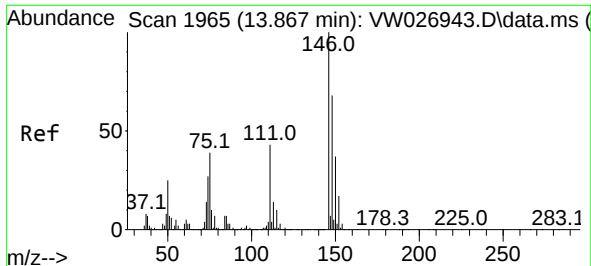
Ion Ratio Lower Upper

146 100

111 40.2 28.3 52.7

148 65.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 25.859 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

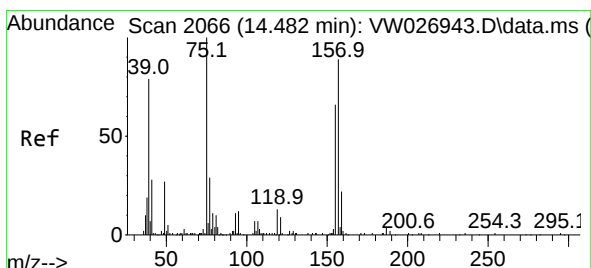
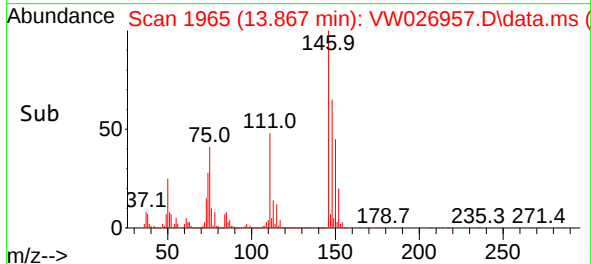
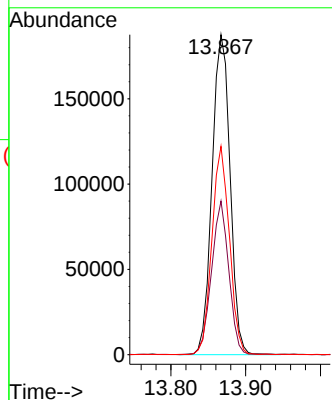
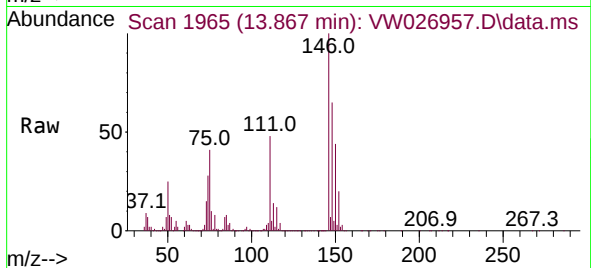
Tgt Ion:146 Resp: 314243

Ion Ratio Lower Upper

146 100

111 48.0 34.6 52.0

148 65.1 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.011 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

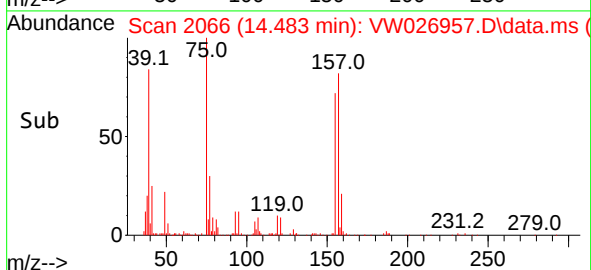
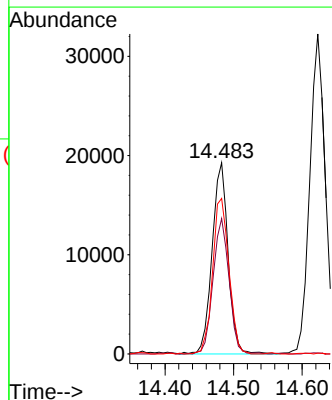
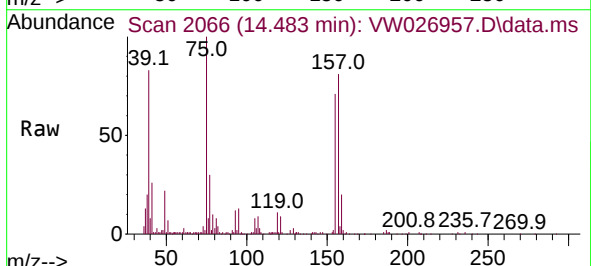
Tgt Ion: 75 Resp: 31437

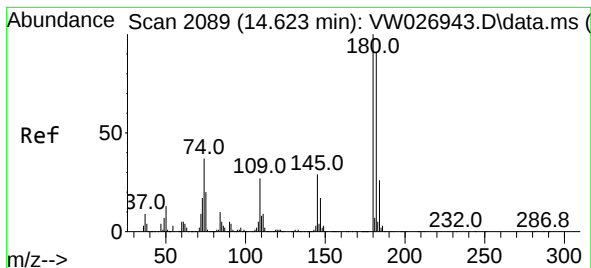
Ion Ratio Lower Upper

75 100

155 70.8 55.0 82.6

157 81.4 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 25.660 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 231668

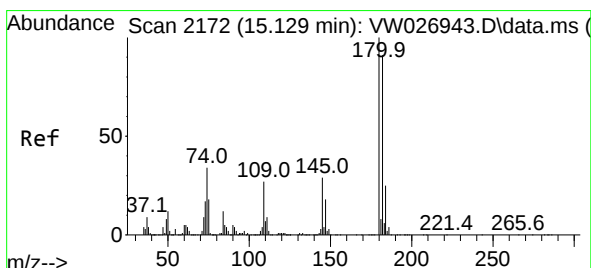
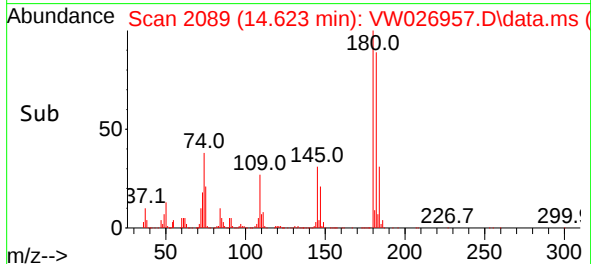
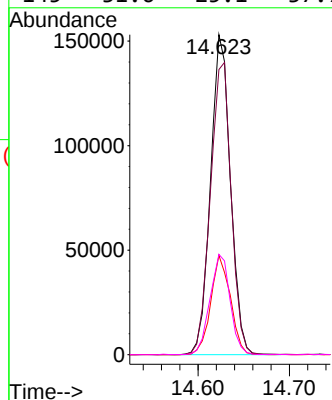
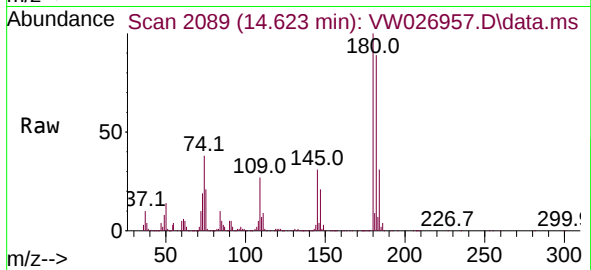
Ion Ratio Lower Upper

180 100

182 95.5 75.2 112.8

184 30.5 23.8 35.8

145 31.6 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 26.142 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

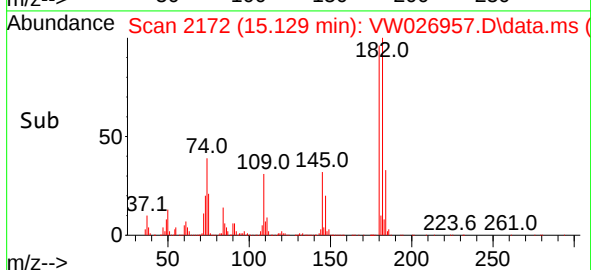
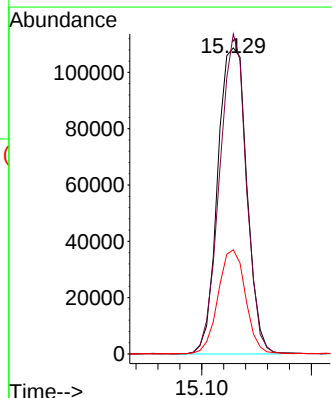
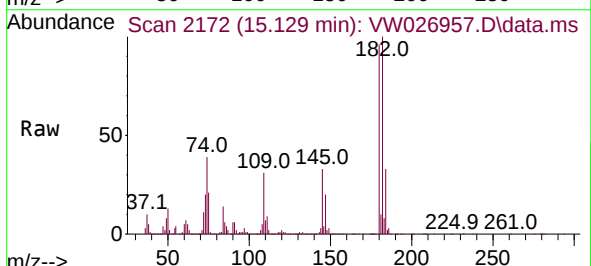
Tgt Ion:180 Resp: 200114

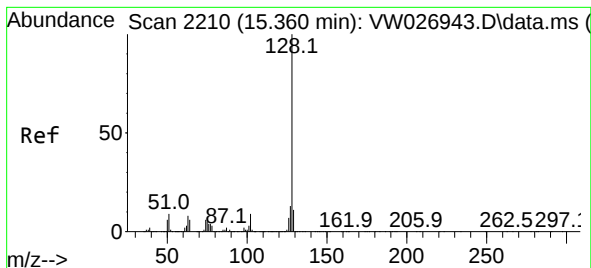
Ion Ratio Lower Upper

180 100

182 96.1 72.5 108.7

145 32.2 24.7 37.1





#71

Naphthalene

Concen: 28.233 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Instrument :

MSVOA_W

ClientSampleId :

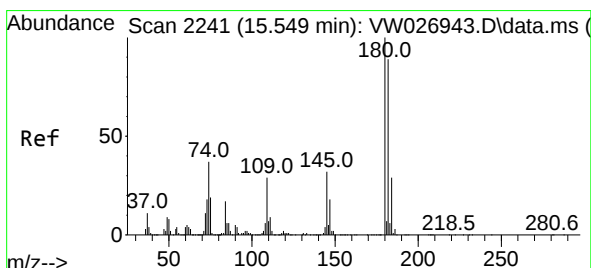
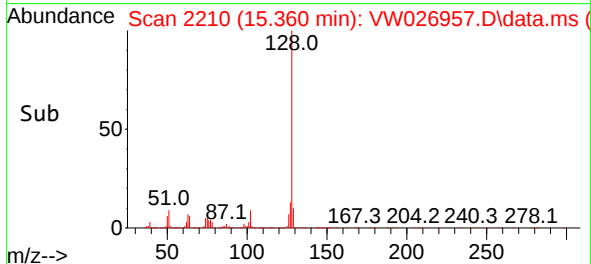
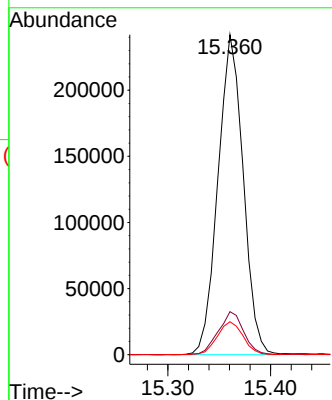
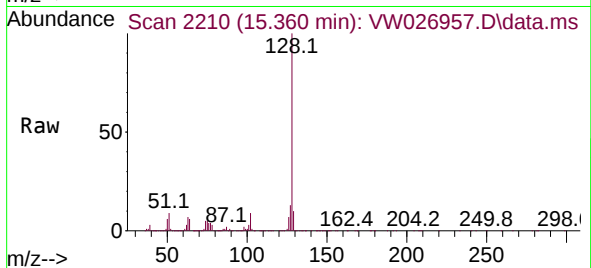
Tgt Ion:128 Resp: 412251

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.5 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.571 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026957.D

Acq: 29 Aug 2023 18:00

Tgt Ion:180 Resp: 183457

Ion Ratio Lower Upper

180 100

182 90.3 74.6 112.0

145 32.9 27.0 40.6

