

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052623\
 Data File : VW026073.D
 Acq On : 26 May 2023 17:08
 Operator : SY/MD
 Sample : 02950-14MSD
 Misc : 4.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 26 23:19:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 23:14:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	654603	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	476700	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171731	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	179629	19.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
7) Chloroethane-d5	2.893	69	170711	24.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	4.021	65	86072	18.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.120%
21) 2-Butanone-d5	7.069	46	191538	62.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.920%
24) Chloroform-d	7.648	84	475363	25.184	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.301	65	263364	24.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.680%
32) Benzene-d6	8.270	84	843373	27.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.320%
36) 1,2-Dichloropropane-d6	9.276	67	301112	30.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.840%#
41) Toluene-d8	10.318	98	661757	23.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.320%
43) trans-1,3-Dichloroprop...	10.575	79	91514	22.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.922	63	126881	74.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.320%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	240659	31.682	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.720%#
66) 1,2-Dichlorobenzene-d4	13.854	152	159610	25.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	166250	22.733	ug/L #	85
3) Chloromethane	2.222	50	295792	27.431	ug/L	98
5) Vinyl chloride	2.375	62	307355	27.538	ug/L	99
6) Bromomethane	2.783	94	160671	26.468	ug/L	96
8) Chloroethane	2.930	64	193167	30.437	ug/L	99
9) Trichlorofluoromethane	3.265	101	204076	24.228	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	260128	28.396	ug/L	96
12) 1,1-Dichloroethene	4.045	96	217851	24.884	ug/L	95
13) Acetone	4.112	43	194369	71.481	ug/L	99
14) Carbon disulfide	4.393	76	647887	21.883	ug/L	99
15) Methyl Acetate	4.667	43	151644	28.300	ug/L	100
16) Methylene chloride	4.923	84	324618	24.046	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	236996	24.815	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	512961	35.388	ug/L	99
19) 1,1-Dichloroethane	6.216	63	548706	27.963	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	278215	27.152	ug/L	99
22) 2-Butanone	7.167	43	223438	59.510	ug/L	98
23) Bromochloromethane	7.514	128	119035	27.422	ug/L	95
25) Chloroform	7.673	83	514121	28.507	ug/L	99

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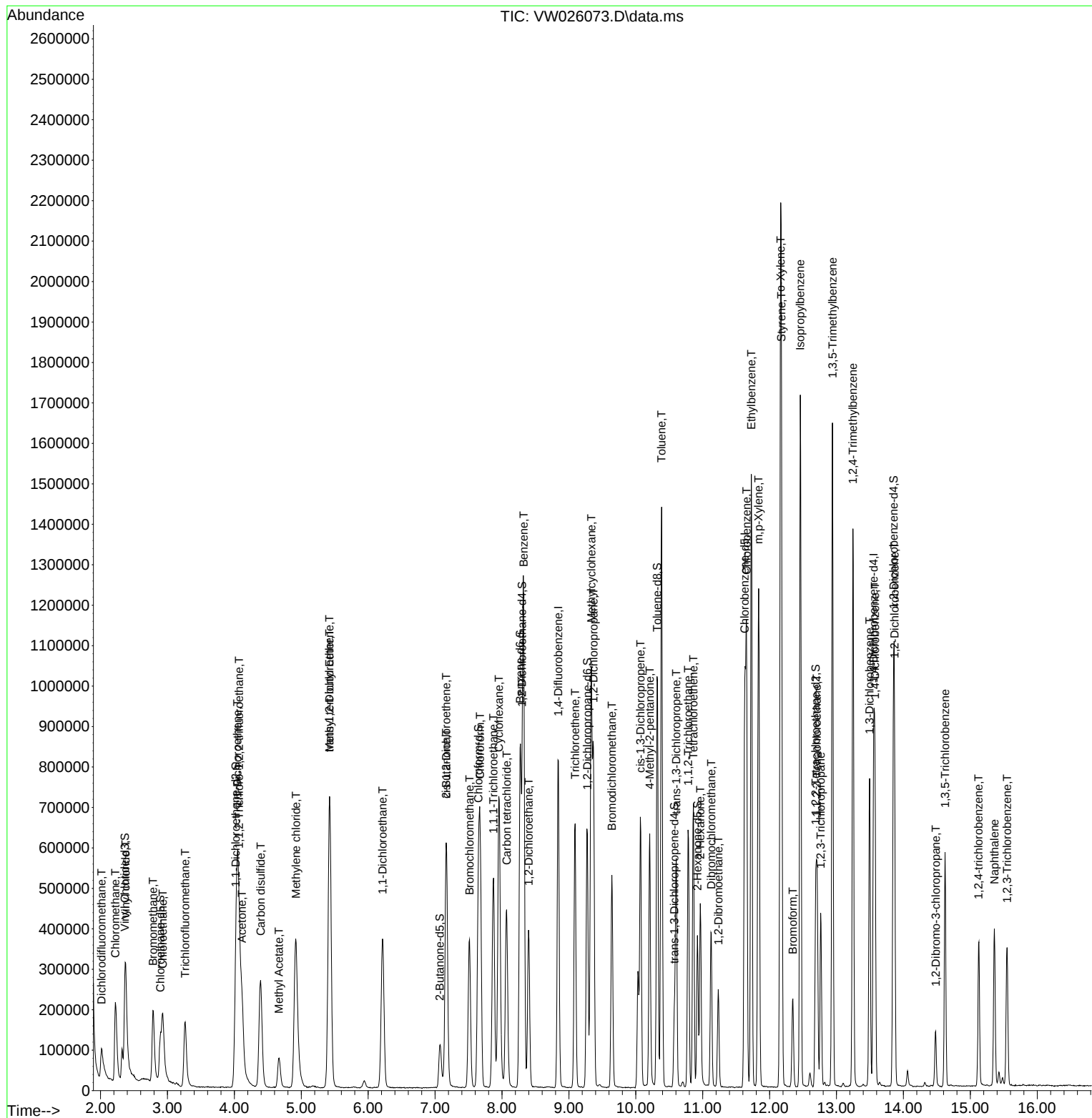
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	359474	28.066	ug/L	99
29) Cyclohexane	7.953	56	434938	29.442	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	415096	35.606	ug/L	99
31) Carbon tetrachloride	8.069	117	332897	31.730	ug/L	100
33) Benzene	8.325	78	1061469	32.185	ug/L	100
34) Trichloroethene	9.093	95	233305	27.568	ug/L	97
35) Methylcyclohexane	9.337	83	390804	25.963	ug/L	99
37) 1,2-Dichloropropane	9.367	63	306257	33.894	ug/L	100
38) Bromodichloromethane	9.642	83	344405	33.223	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	377067	28.456	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	433256	73.664	ug/L	99
42) Toluene	10.386	91	982727	29.162	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	301558	27.465	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	193899	32.079	ug/L	97
46) Tetrachloroethene	10.861	164	146681	24.636	ug/L	94
48) 2-Hexanone	10.965	43	301193	71.484	ug/L	98
49) Dibromochloromethane	11.129	129	192009	30.684	ug/L	98
50) 1,2-Dibromoethane	11.233	107	159976	28.710	ug/L	98
51) Chlorobenzene	11.654	112	533100	25.536	ug/L	97
52) Ethylbenzene	11.727	91	1031989	27.224	ug/L	100
53) m,p-Xylene	11.837	106	378717	27.145	ug/L	95
54) o-Xylene	12.166	106	389955	29.654	ug/L	99
55) Styrene	12.178	104	564755	25.092	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	235656	31.246	ug/L	97
59) Bromoform	12.349	173	95167	37.413	ug/L	99
60) Isopropylbenzene	12.458	105	1053711	40.366	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	177625	43.765	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	833554	40.316	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	726765	38.092	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	284523	25.320	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	272777	24.027	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	294934	29.430	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	36571	38.858	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	158892	21.301	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	103750	16.602	ug/L	99
71) Naphthalene	15.360	128	315084	26.714	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106196	19.153	ug/L	99

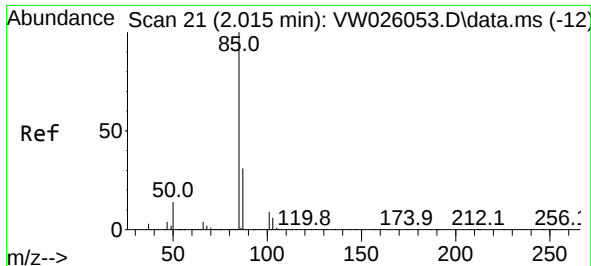
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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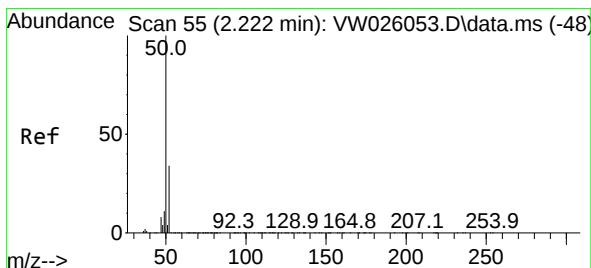
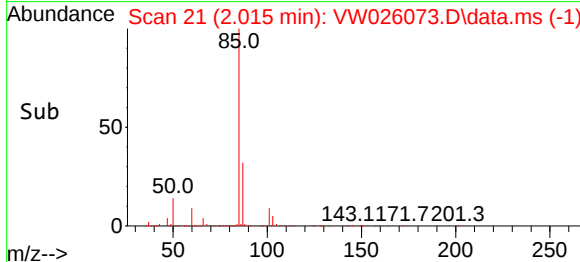
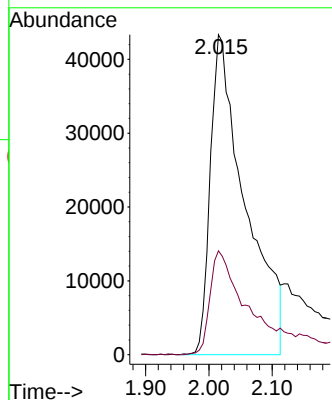
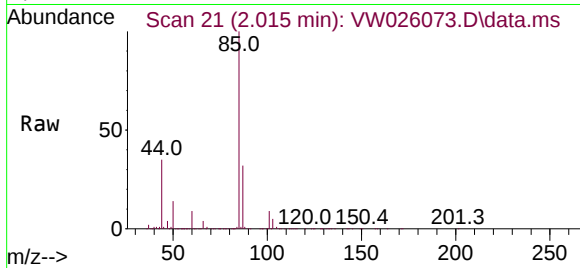




#2
 Dichlorodifluoromethane
 Concen: 22.733 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026073.D
 Acq: 26 May 2023 17:08

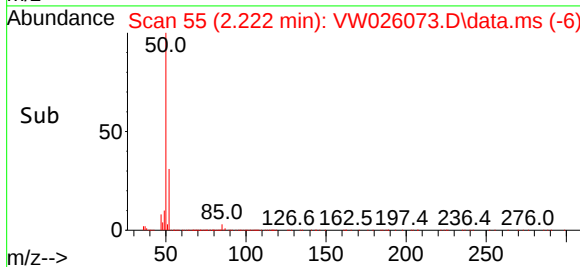
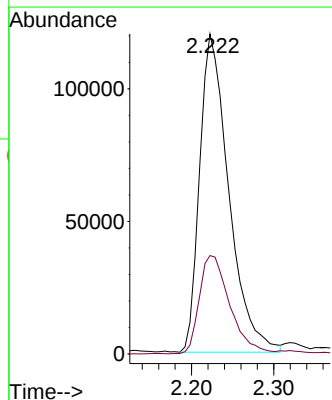
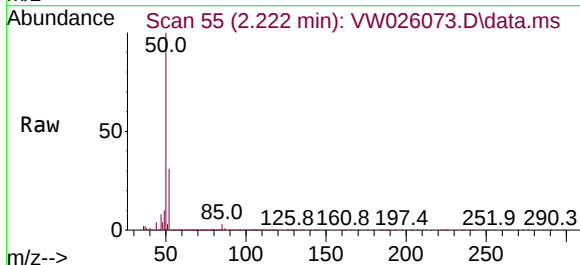
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 MSVOA_W
 ClientSampleId :

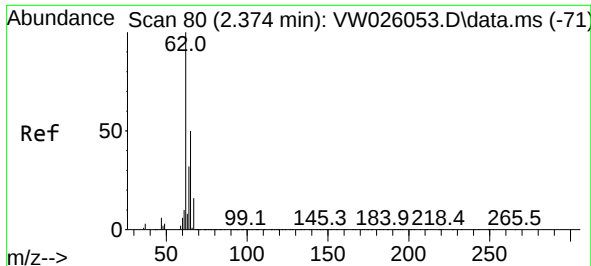
Tgt Ion: 85 Resp: 166250
 Ion Ratio Lower Upper
 85 100
 87 22.6 24.7 37.1#



#3
 Chloromethane
 Concen: 27.431 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026073.D
 Acq: 26 May 2023 17:08

Tgt Ion: 50 Resp: 295792
 Ion Ratio Lower Upper
 50 100
 52 30.8 22.1 41.1

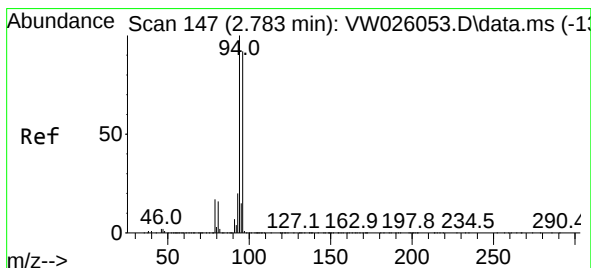
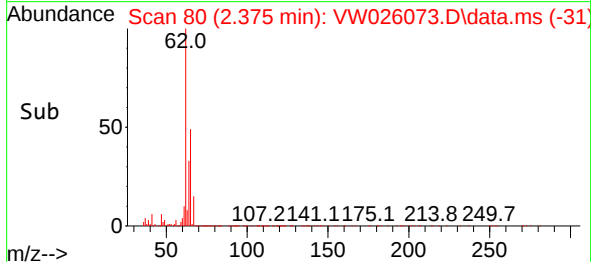
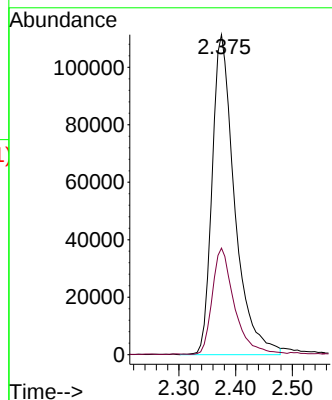
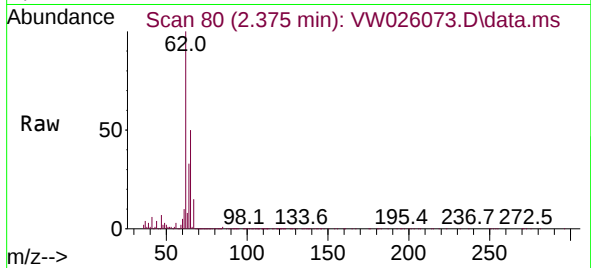




#5
 Vinyl chloride
 Concen: 27.538 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026073.D
 Acq: 26 May 2023 17:08

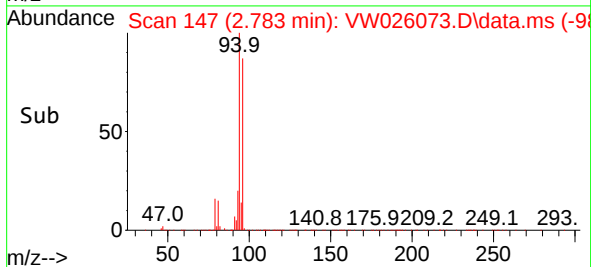
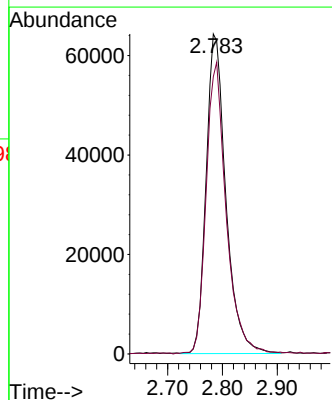
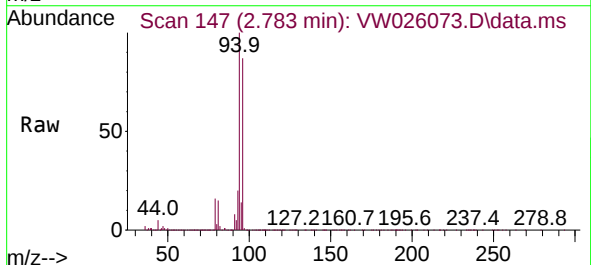
Instrument :
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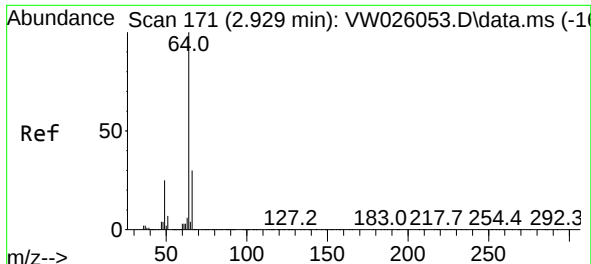
Tgt Ion: 62 Resp: 307355
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.3



#6
 Bromomethane
 Concen: 26.468 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026073.D
 Acq: 26 May 2023 17:08

Tgt Ion: 94 Resp: 160671
 Ion Ratio Lower Upper
 94 100
 96 86.6 63.1 117.1





#8

Chloroethane

Concen: 30.437 ug/L

RT: 2.930 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

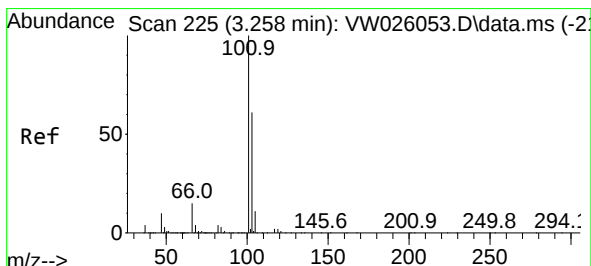
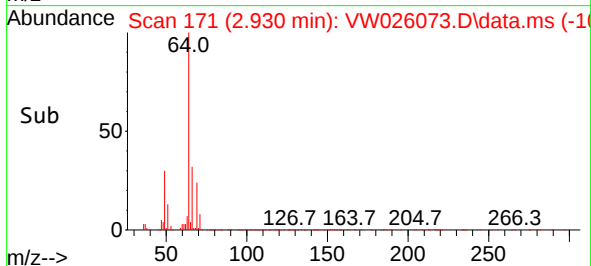
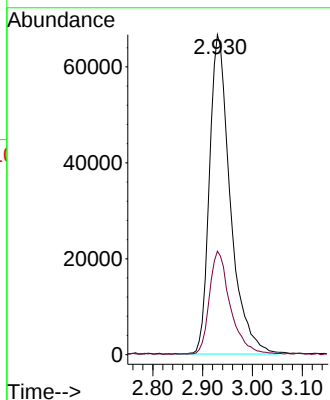
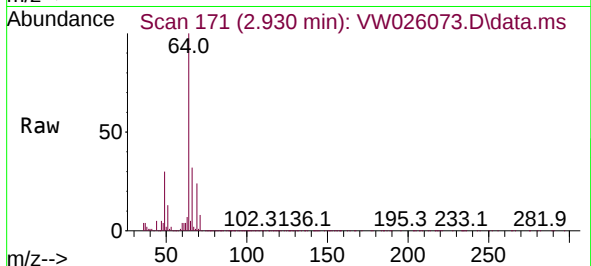
ClientSampleId :

Tgt Ion: 64 Resp: 193167

Ion Ratio Lower Upper

64 100

66 32.4 22.3 41.3



#9

Trichlorofluoromethane

Concen: 24.228 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.006 min

Lab File: VW026073.D

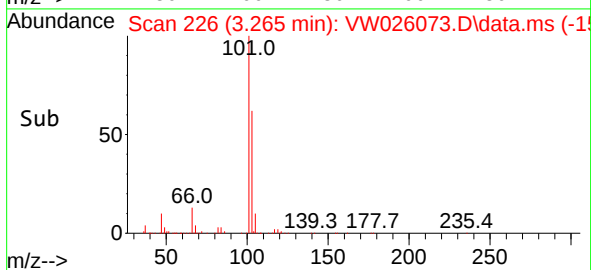
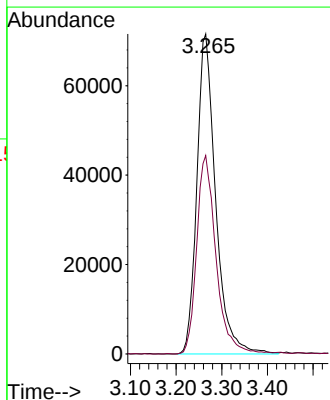
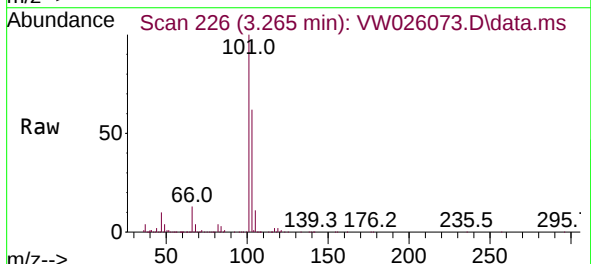
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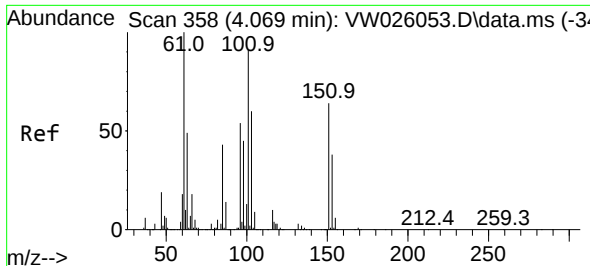
Tgt Ion: 101 Resp: 204076

Ion Ratio Lower Upper

101 100

103 63.8 50.6 76.0

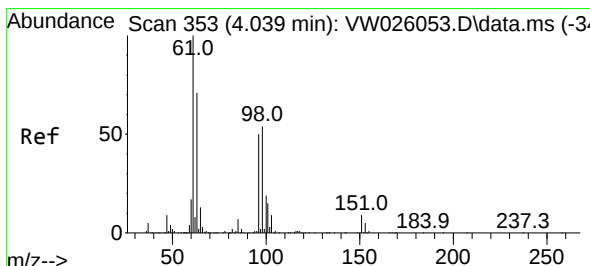
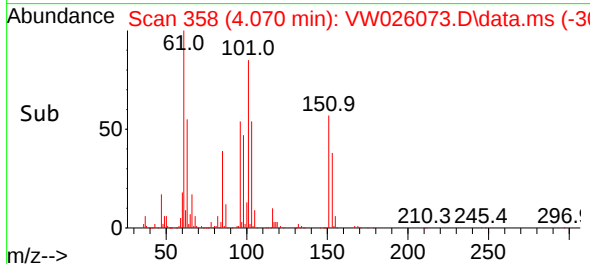
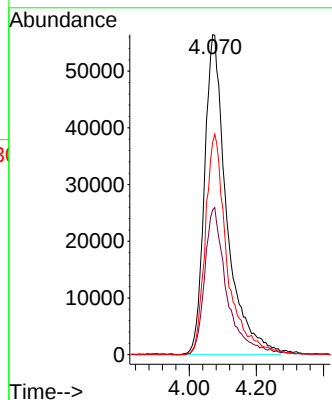
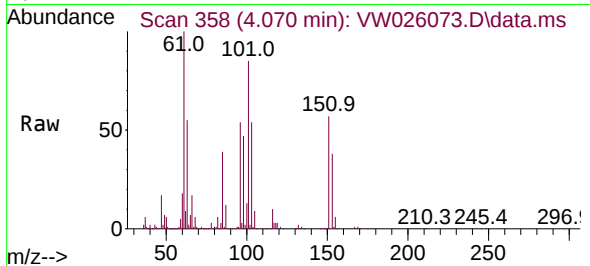




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.396 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026073.D
 Acq: 26 May 2023 17:08

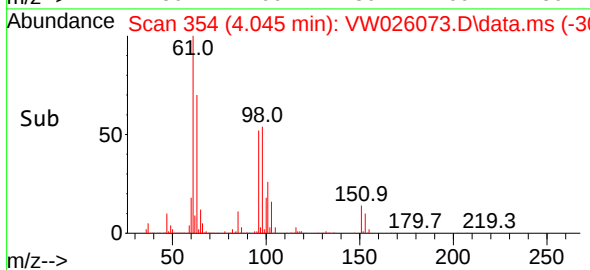
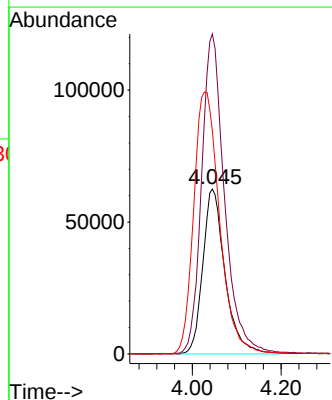
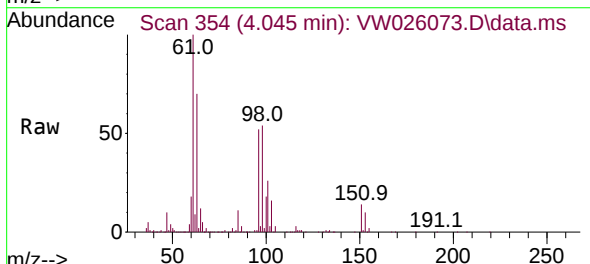
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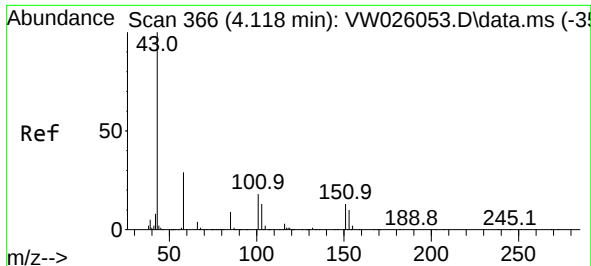
Tgt Ion:101 Resp: 260128
 Ion Ratio Lower Upper
 101 100
 85 44.3 33.9 50.9
 151 63.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.884 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026073.D
 Acq: 26 May 2023 17:08

Tgt Ion: 96 Resp: 217851
 Ion Ratio Lower Upper
 96 100
 61 193.9 135.0 250.8
 63 135.3 104.9 194.7

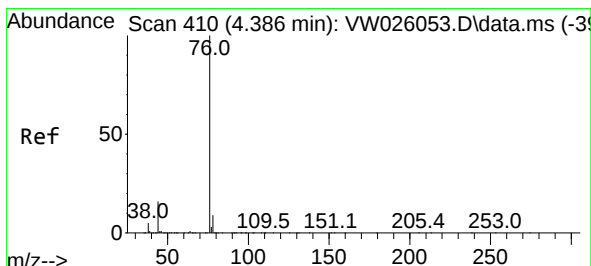
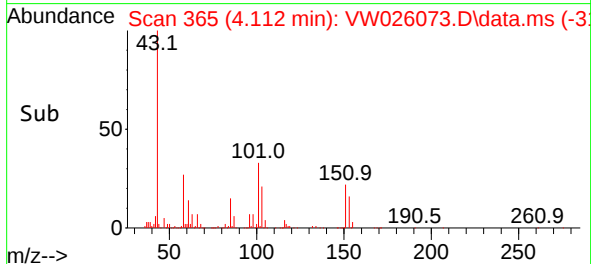
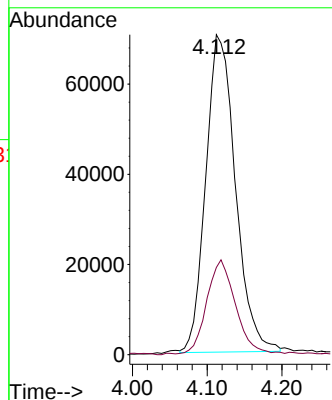
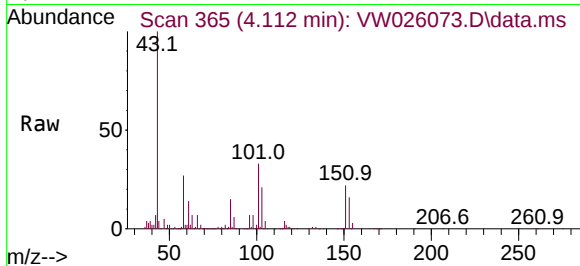




#13
Acetone
Concen: 71.481 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

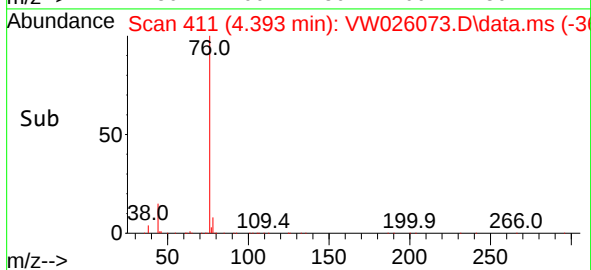
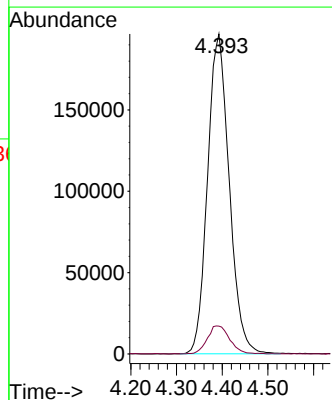
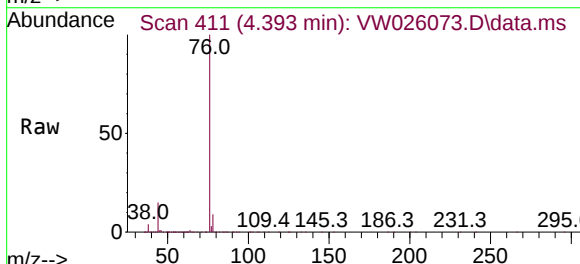
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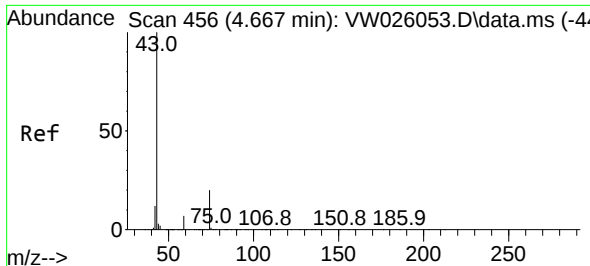
Tgt Ion: 43 Resp: 194369
Ion Ratio Lower Upper
43 100
58 28.8 0.0 58.2



#14
Carbon disulfide
Concen: 21.883 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026073.D
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Tgt Ion: 76 Resp: 647887
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

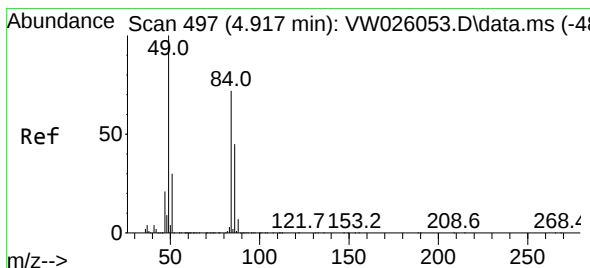
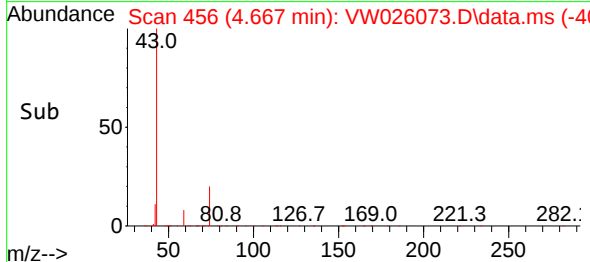
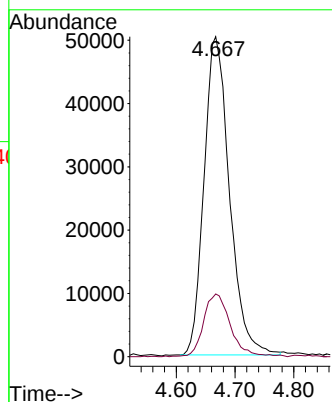
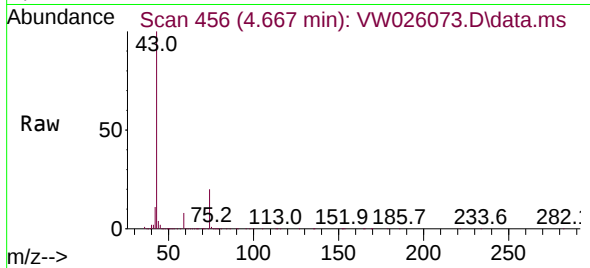




#15
Methyl Acetate
Concen: 28.300 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

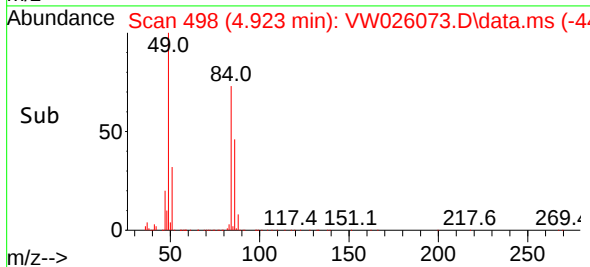
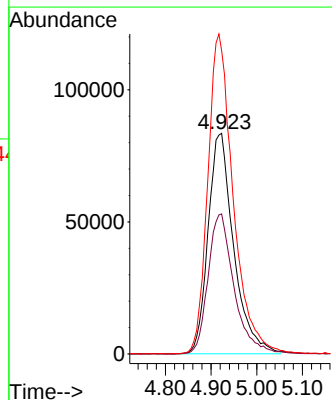
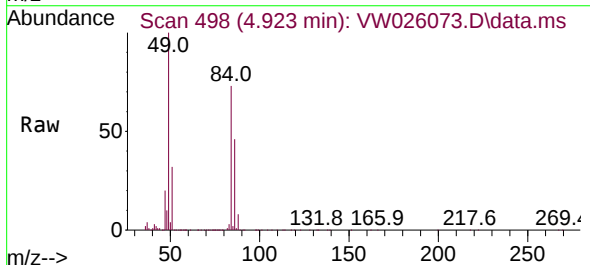
Instrument :
MSVOA_W
ClientSampleId :

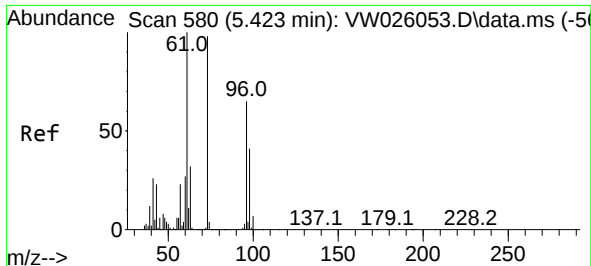
Tgt Ion: 43 Resp: 151644
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7



#16
Methylene chloride
Concen: 24.046 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

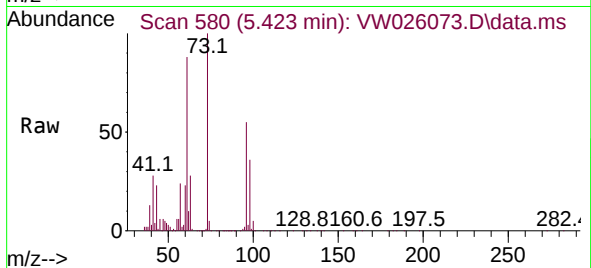
Tgt Ion: 84 Resp: 324618
Ion Ratio Lower Upper
84 100
86 63.4 41.7 77.5
49 137.4 95.3 177.1



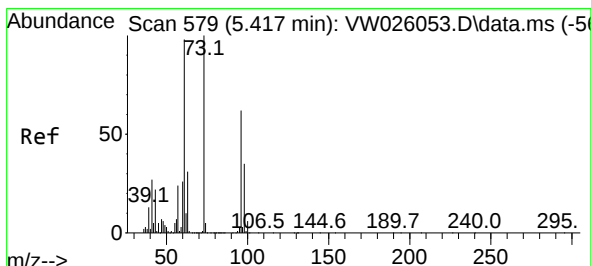
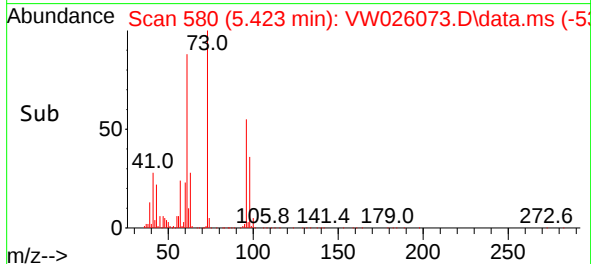
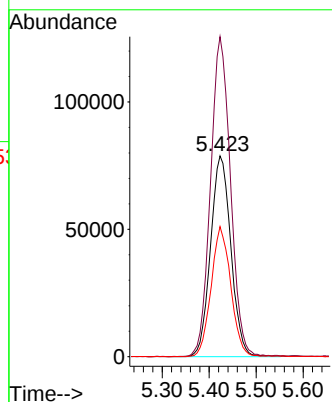


#17
trans-1,2-Dichloroethene
Concen: 24.815 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Instrument :
MSVOA_W
ClientSampleId :

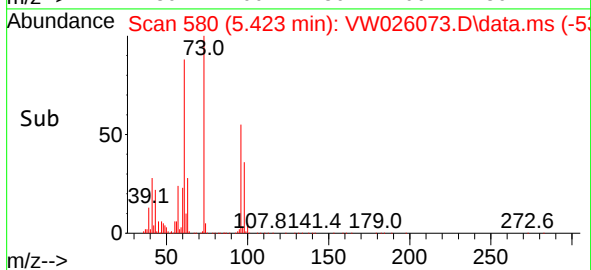
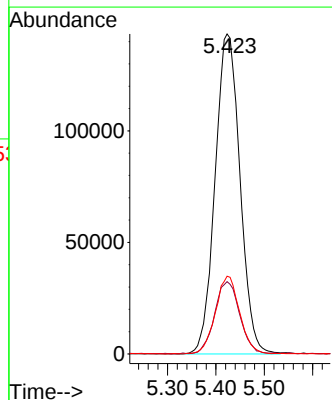
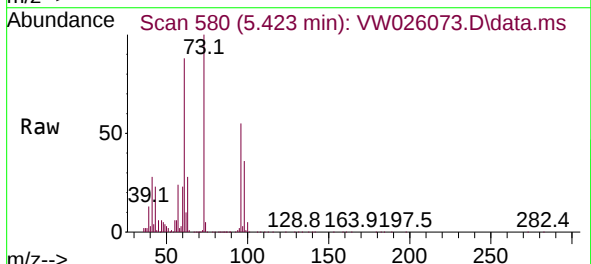


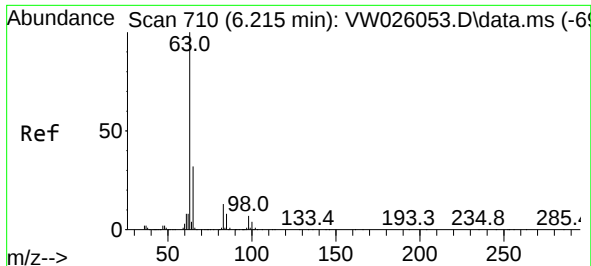
Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.3	108.1	200.9
98	64.7	44.0	81.8



#18
Methyl tert-butyl Ether
Concen: 35.388 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.6	18.2	27.4
57	23.6	19.2	28.8





#19

1,1-Dichloroethane

Concen: 27.963 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :

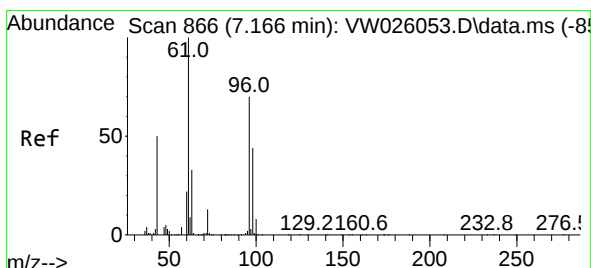
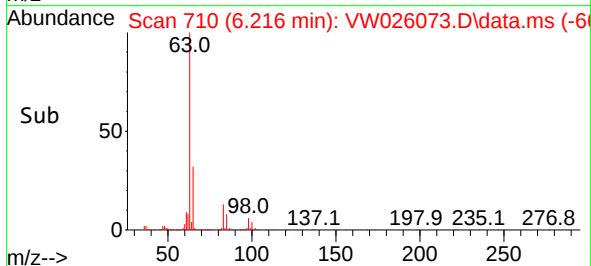
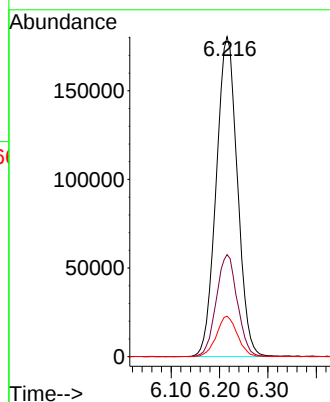
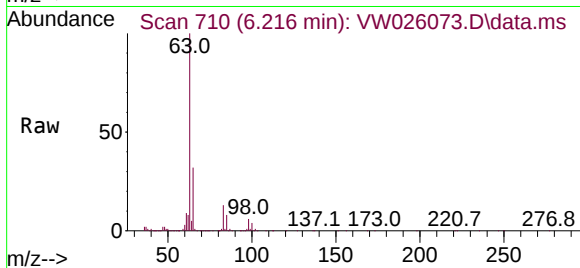
Tgt Ion: 63 Resp: 548706

Ion Ratio Lower Upper

63 100

65 31.9 22.4 41.6

83 12.6 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 27.152 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

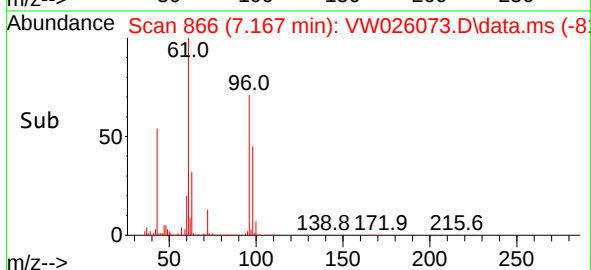
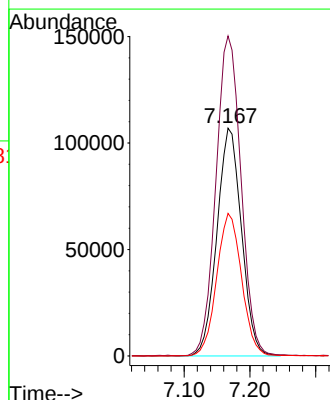
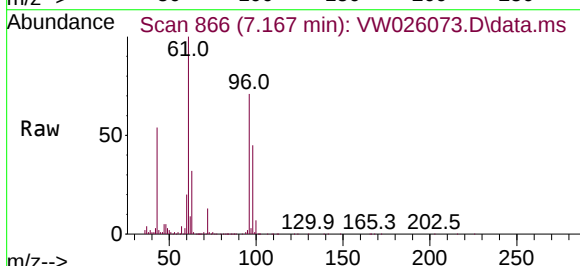
Tgt Ion: 96 Resp: 278215

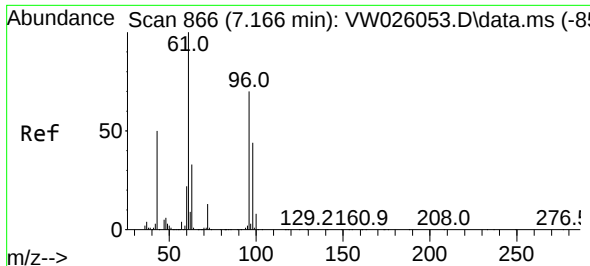
Ion Ratio Lower Upper

96 100

61 140.4 98.6 183.0

98 62.6 45.2 84.0

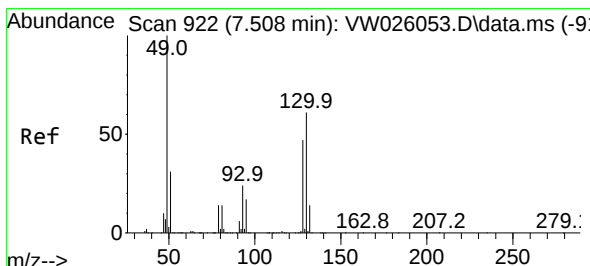
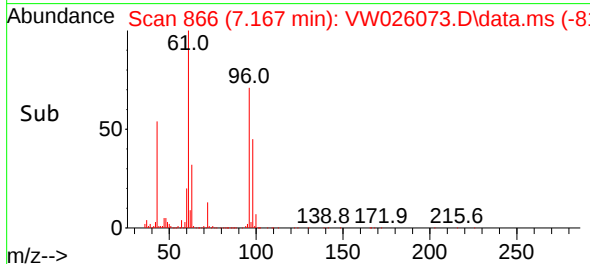
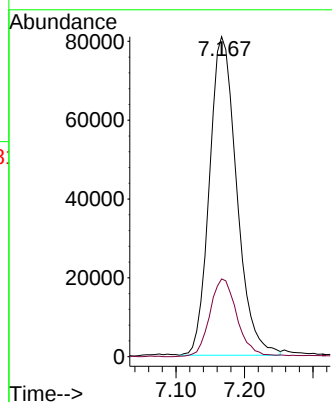
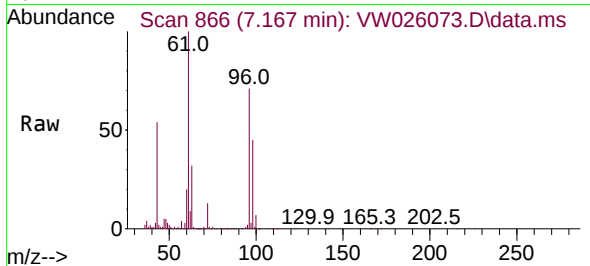




#22
2-Butanone
Concen: 59.510 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

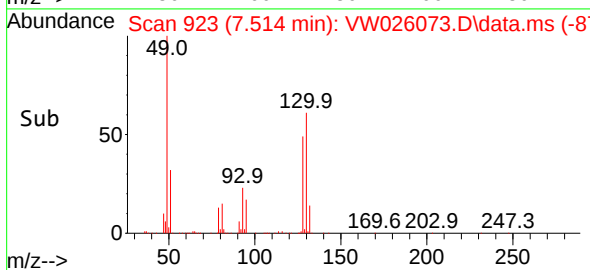
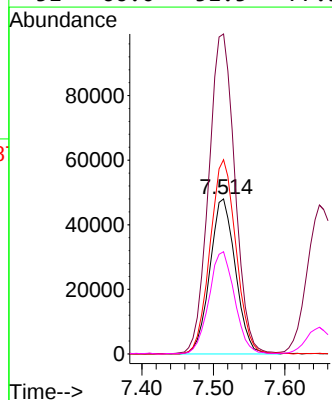
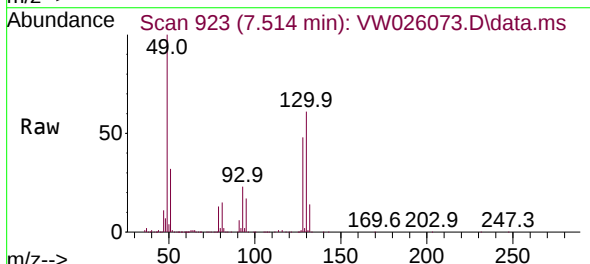
Instrument :
MSVOA_W
ClientSampleId :

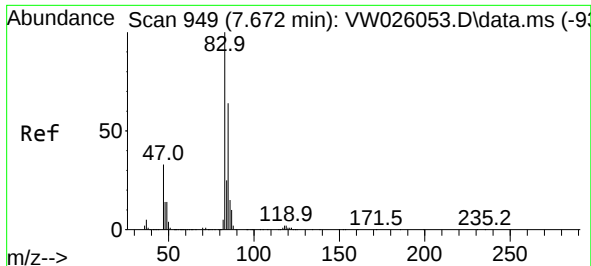
Tgt Ion: 43 Resp: 223438
Ion Ratio Lower Upper
43 100
72 24.6 11.8 35.4



#23
Bromochloromethane
Concen: 27.422 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion: 128 Resp: 119035
Ion Ratio Lower Upper
128 100
49 206.5 151.5 281.5
130 125.3 91.3 169.6
51 66.0 51.5 77.3

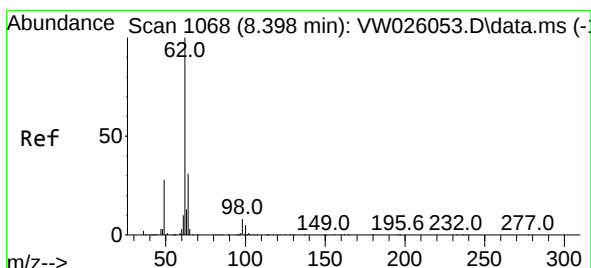
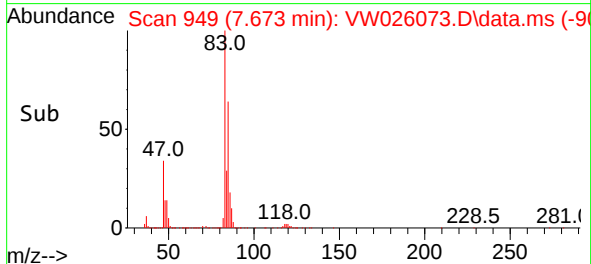
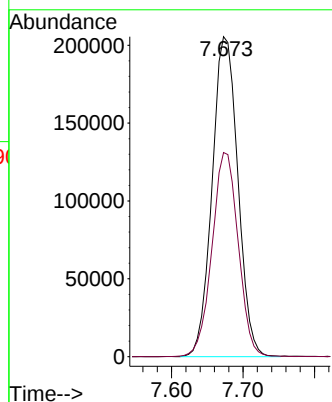
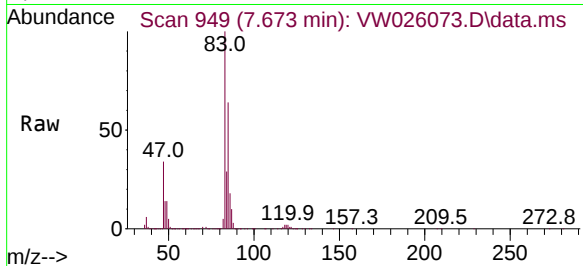




#25
Chloroform
Concen: 28.507 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

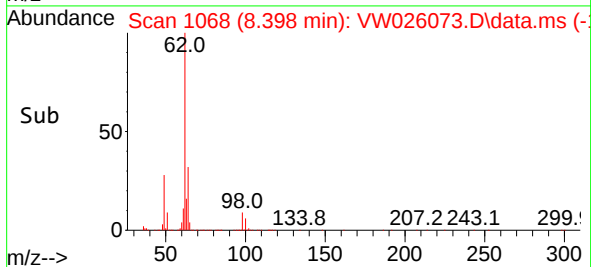
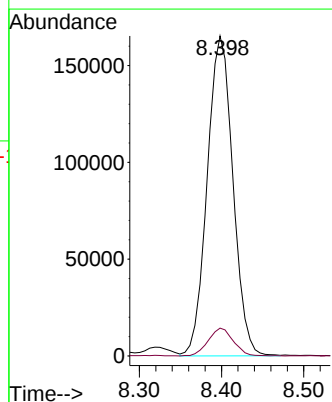
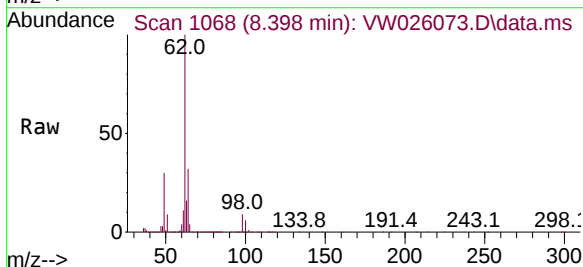
Instrument :
MSVOA_W
ClientSampleId :

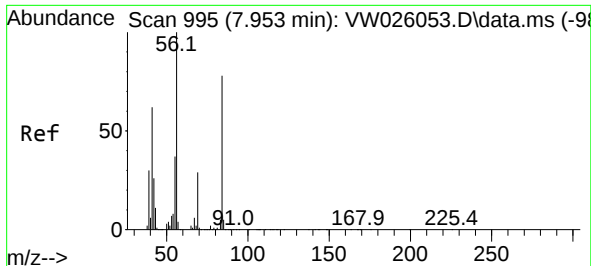
Tgt Ion: 83 Resp: 514121
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 28.066 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

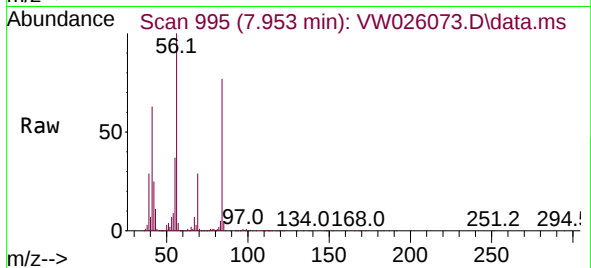
Tgt Ion: 62 Resp: 359474
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8



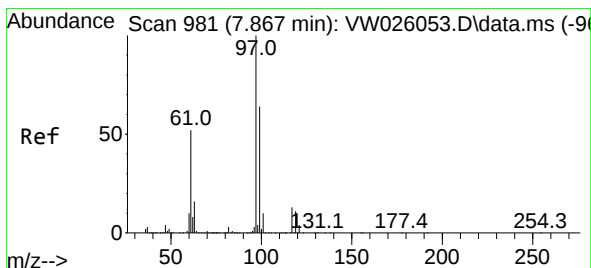
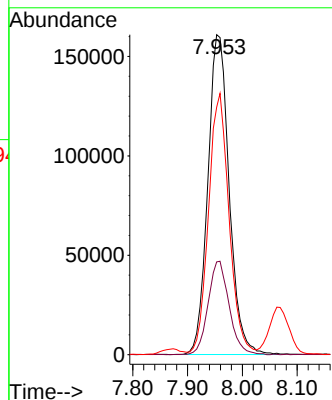
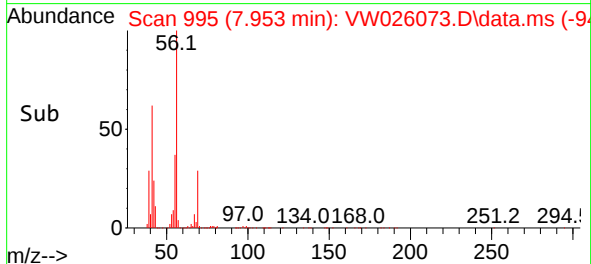


#29
Cyclohexane
Concen: 29.442 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

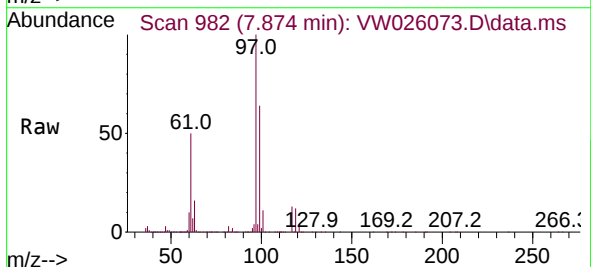
Instrument :
MSVOA_W
ClientSampleId :



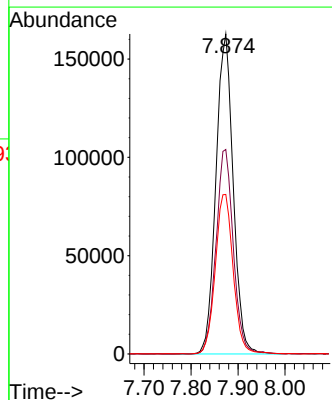
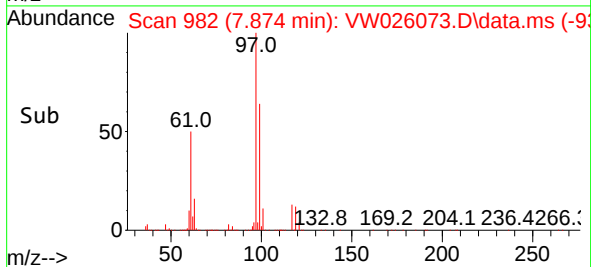
Tgt Ion: 56 Resp: 434938
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.0
84 78.8 63.3 94.9

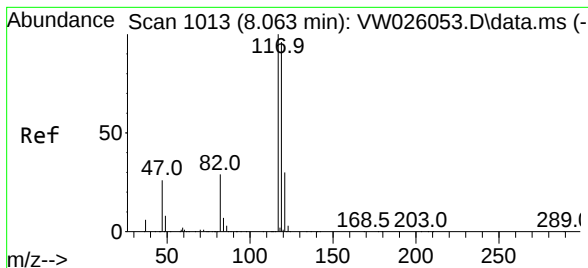


#30
1,1,1-Trichloroethane
Concen: 35.606 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08



Tgt Ion: 97 Resp: 415096
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 51.5 40.4 60.6





#31

Carbon tetrachloride

Concen: 31.730 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

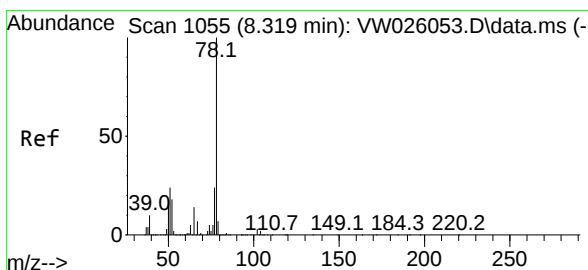
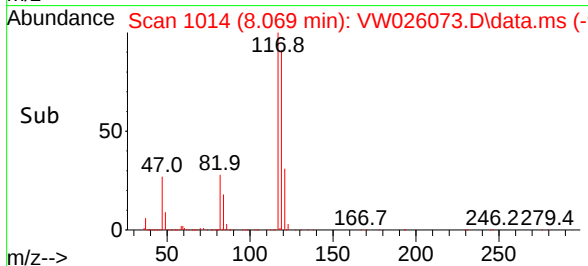
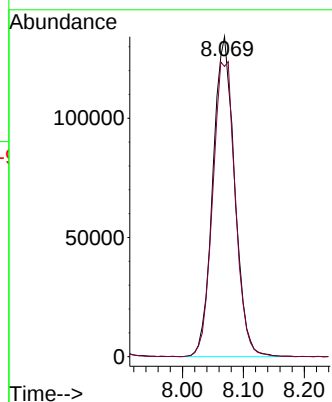
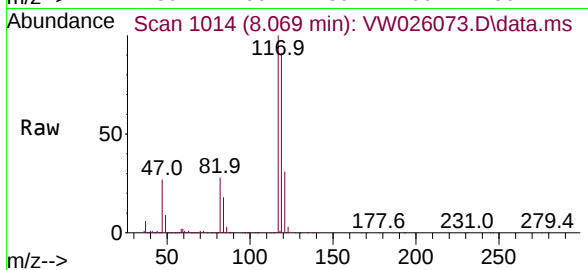
ClientSampleId :

Tgt Ion:117 Resp: 332897

Ion Ratio Lower Upper

117 100

119 95.9 76.9 115.3



#33

Benzene

Concen: 32.185 ug/L

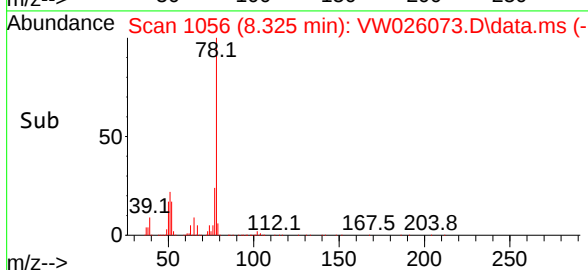
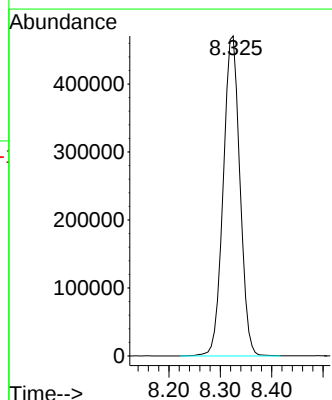
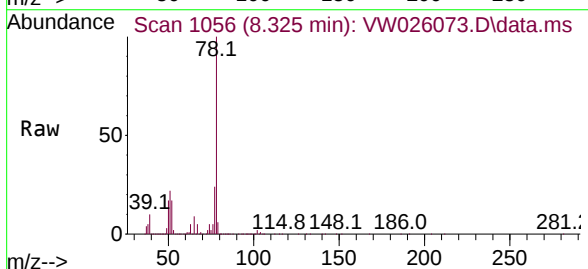
RT: 8.325 min Scan# 1056

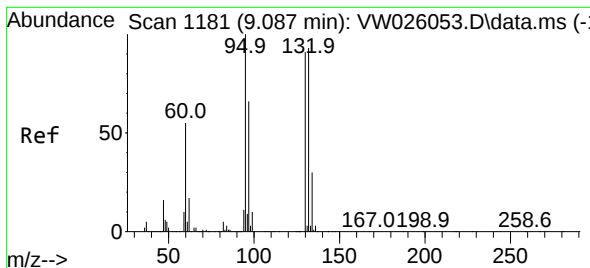
Delta R.T. 0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Tgt Ion: 78 Resp: 1061469





#34

Trichloroethene

Concen: 27.568 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

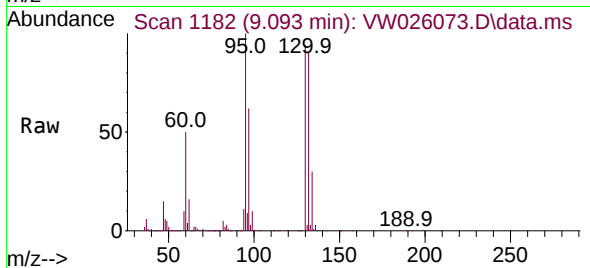
Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 233305

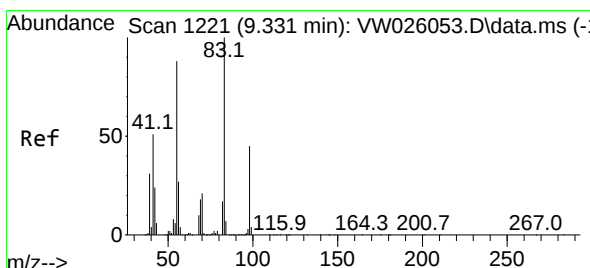
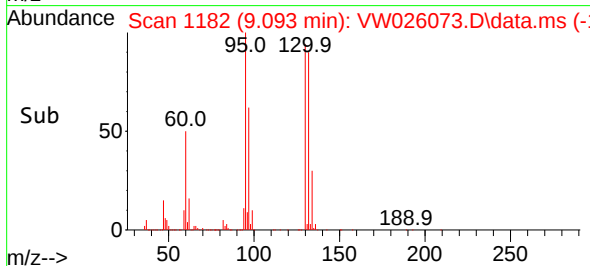
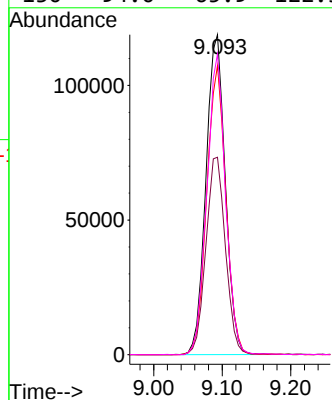
Ion Ratio Lower Upper

95 100

97 61.7 45.9 85.3

132 90.4 66.0 122.6

130 94.0 65.9 122.3



#35

Methylcyclohexane

Concen: 25.963 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

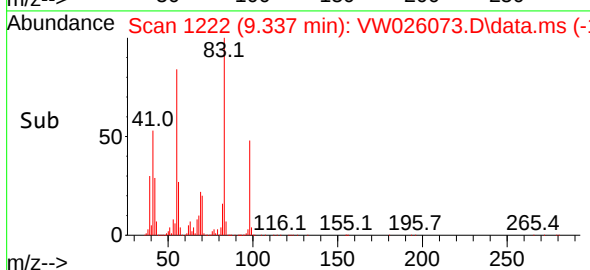
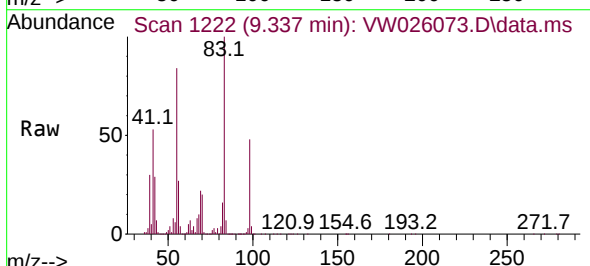
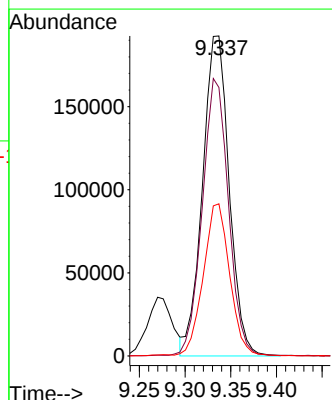
Tgt Ion: 83 Resp: 390804

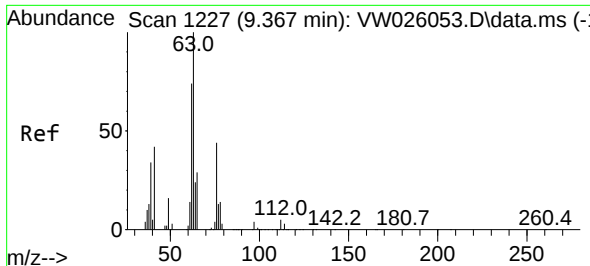
Ion Ratio Lower Upper

83 100

55 85.2 69.0 103.4

98 47.1 37.1 55.7





#37

1,2-Dichloropropane

Concen: 33.894 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

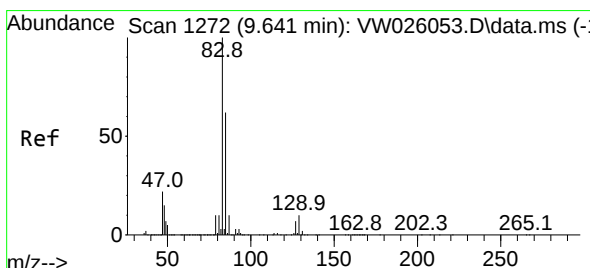
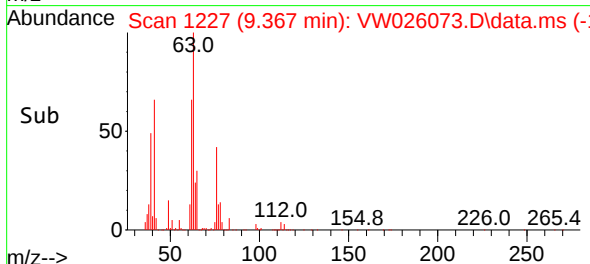
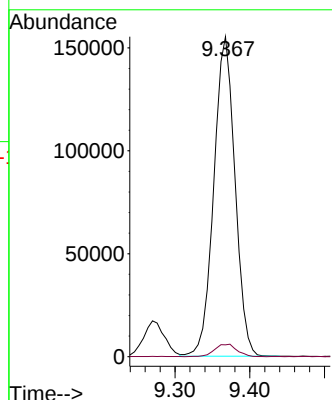
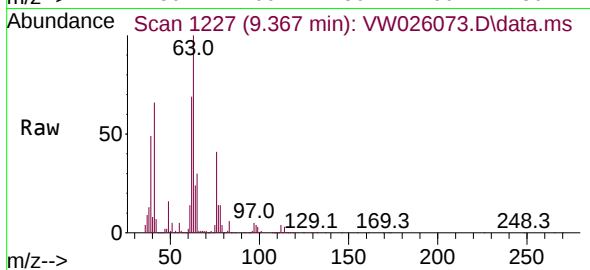
ClientSampleId :

Tgt Ion: 63 Resp: 306257

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 33.223 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

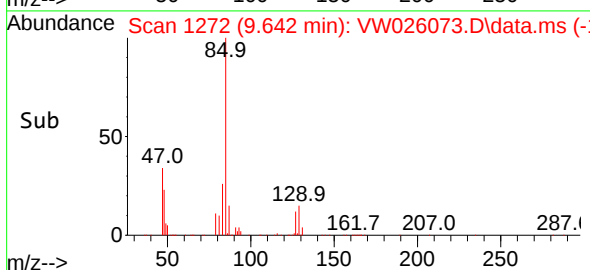
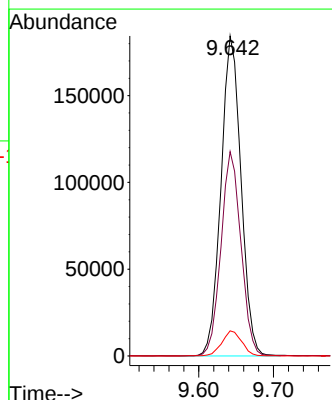
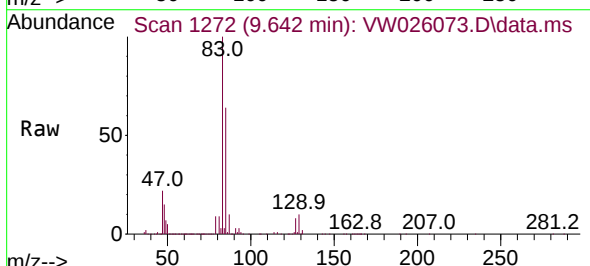
Tgt Ion: 83 Resp: 344405

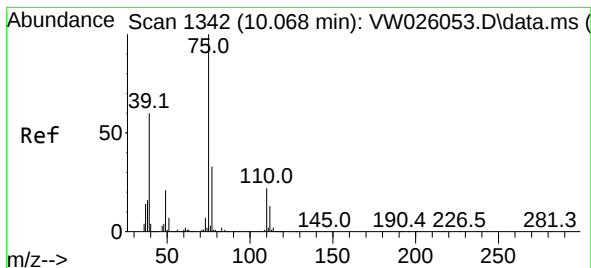
Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.5

127 7.8 6.5 9.7

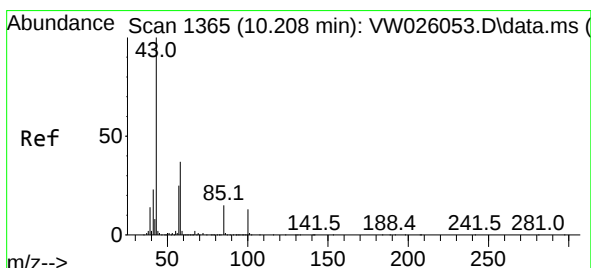
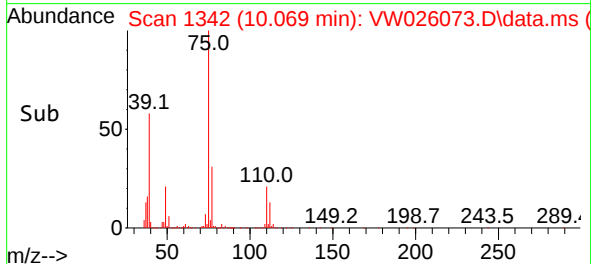
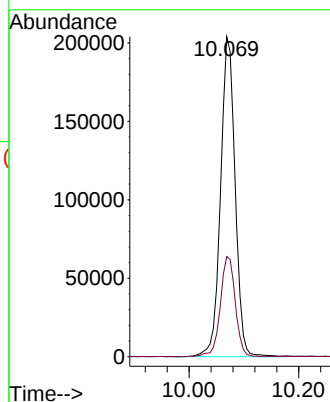
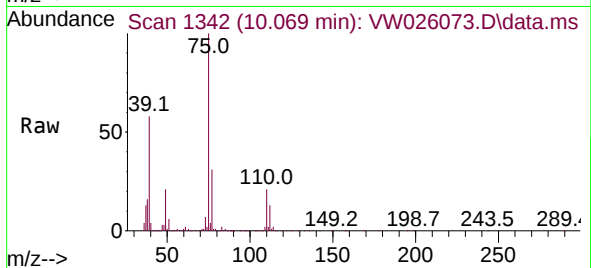




#39
cis-1,3-Dichloropropene
Concen: 28.456 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

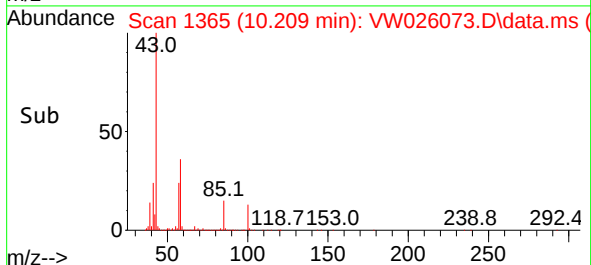
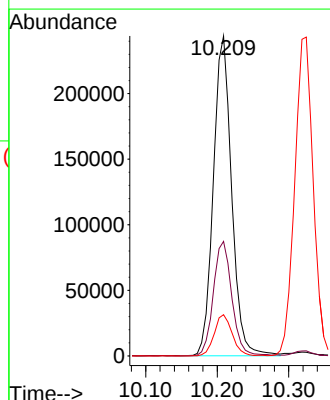
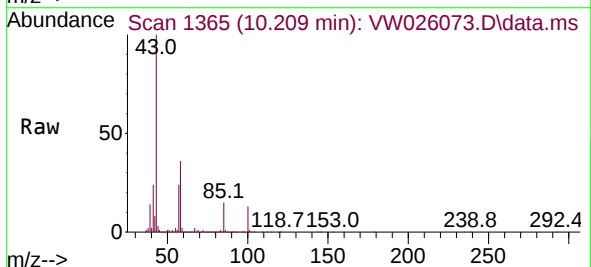
Instrument :
MSVOA_W
ClientSampleId :

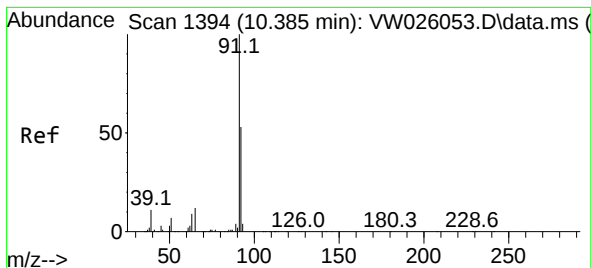
Tgt Ion: 75 Resp: 377067
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 73.664 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion: 43 Resp: 433256
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0
100 12.7 10.1 15.1





#42

Toluene

Concen: 29.162 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

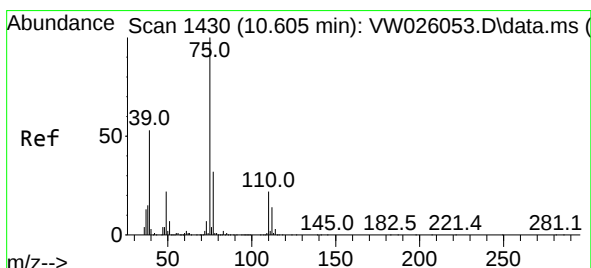
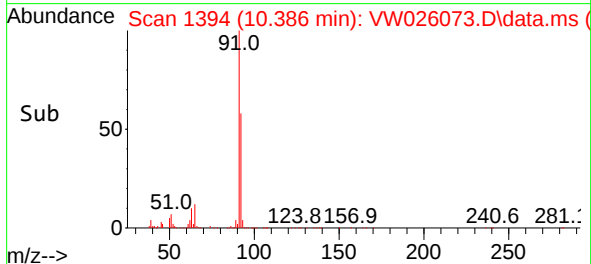
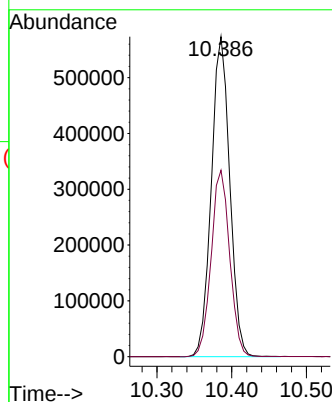
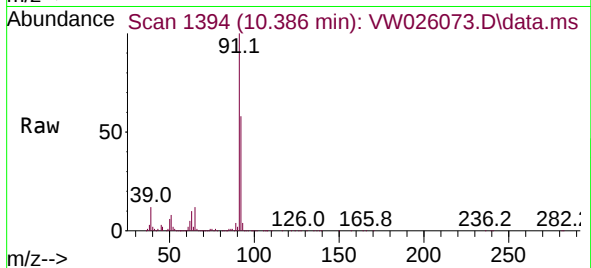
ClientSampleId :

Tgt Ion: 91 Resp: 982727

Ion Ratio Lower Upper

91 100

92 58.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 27.465 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026073.D

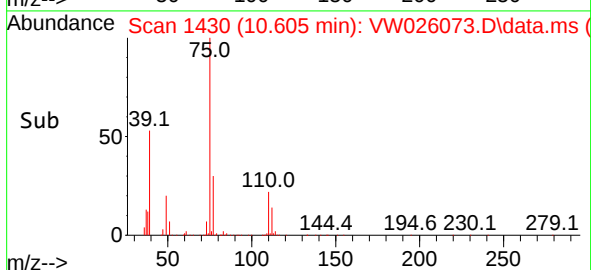
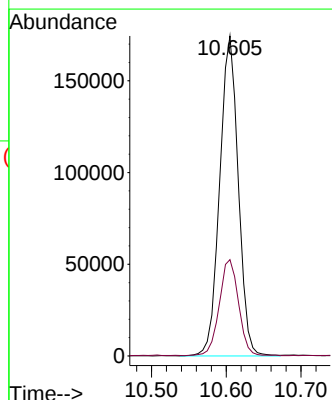
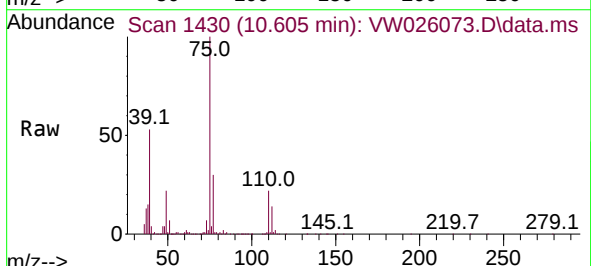
Acq: 26 May 2023 17:08

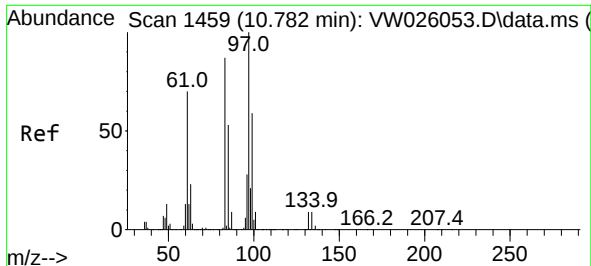
Tgt Ion: 75 Resp: 301558

Ion Ratio Lower Upper

75 100

77 30.1 21.8 40.4

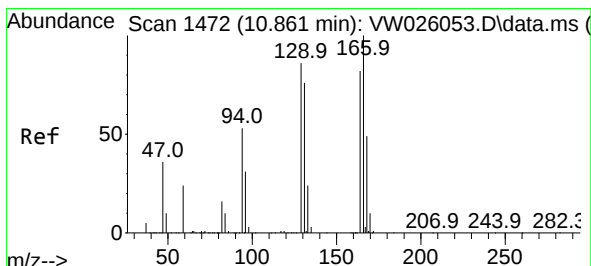
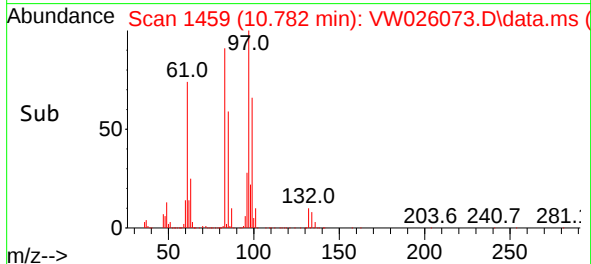
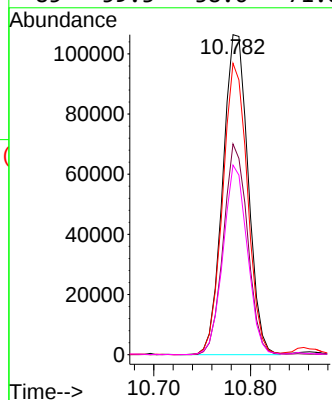
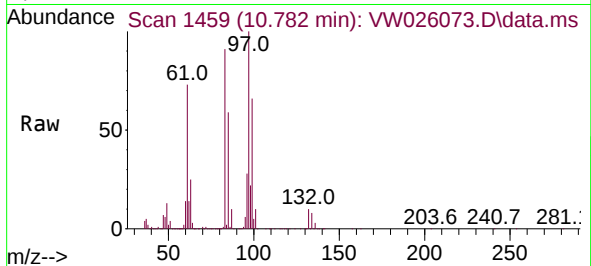




#45
1,1,2-Trichloroethane
Concen: 32.079 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

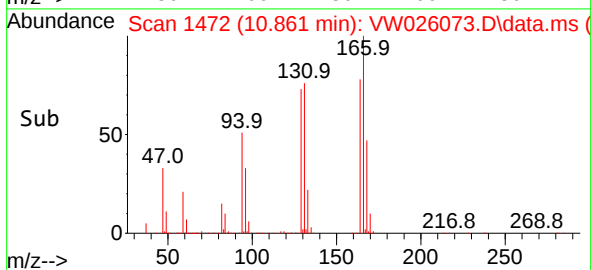
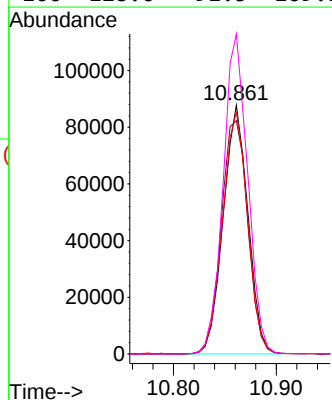
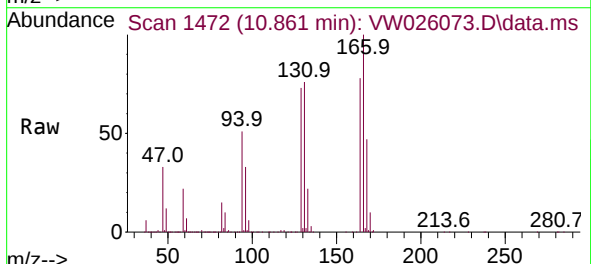
Instrument :
MSVOA_W
ClientSampleId :

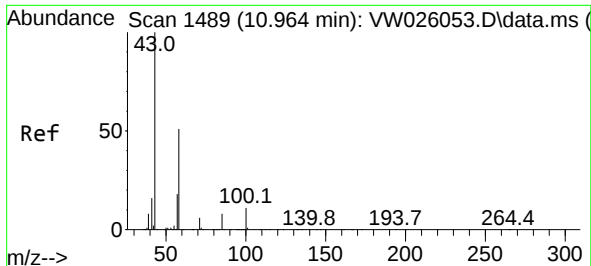
Tgt Ion: 97	Resp: 193899
Ion Ratio	Lower Upper
97 100	
99 65.9	44.5 82.7
83 91.0	63.0 117.0
85 59.3	38.6 71.8



#46
Tetrachloroethene
Concen: 24.636 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

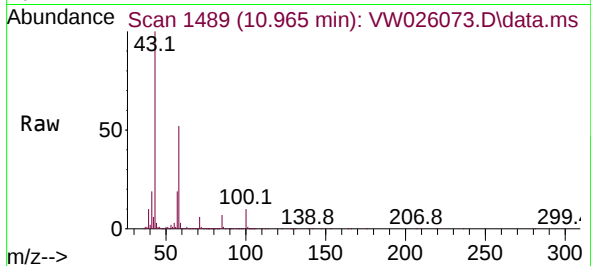
Tgt	Ion:164	Resp:	146681
Ion	Ratio	Lower	Upper
164	100		
129	93.8	74.3	138.1
131	97.1	71.3	132.3
166	128.6	91.5	169.9



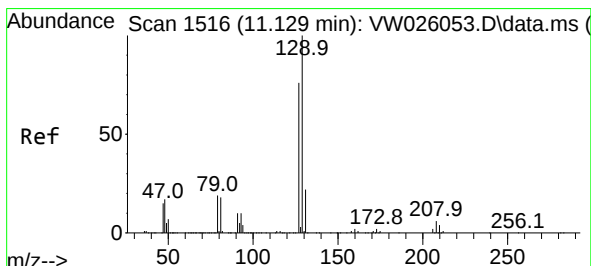
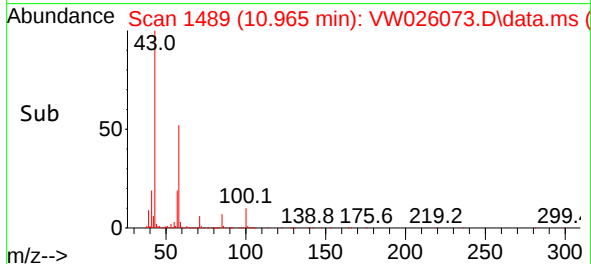
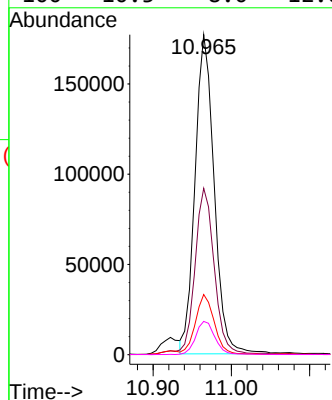


#48
2-Hexanone
Concen: 71.484 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Instrument :
MSVOA_W
ClientSampleId :

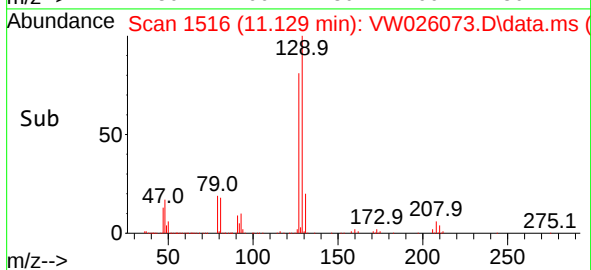
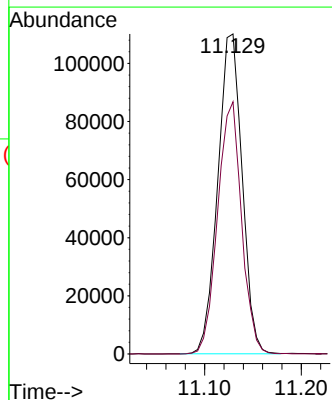
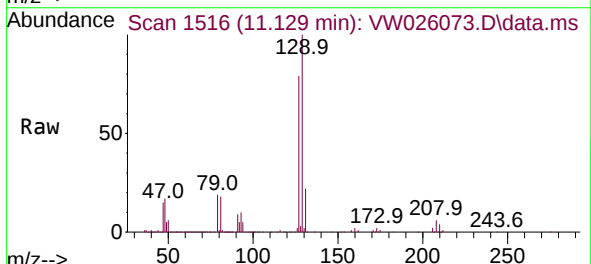


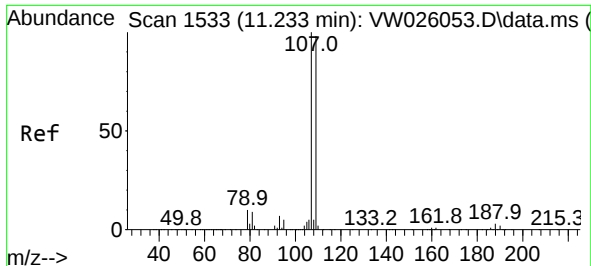
Tgt Ion:	43	Resp:	301193
Ion	Ratio	Lower	Upper
43	100		
58	52.3	40.8	61.2
57	18.5	13.6	20.4
100	10.3	8.0	12.0



#49
Dibromochloromethane
Concen: 30.684 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion:	129	Resp:	192009
Ion	Ratio	Lower	Upper
129	100		
127	78.8	56.1	104.3





#50

1,2-Dibromoethane

Concen: 28.710 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :

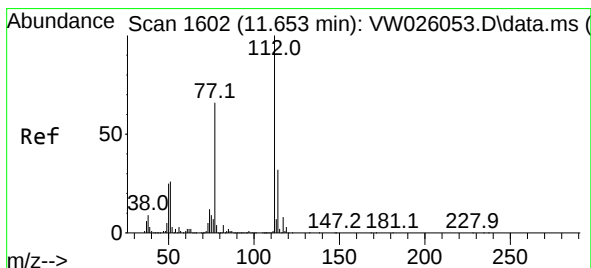
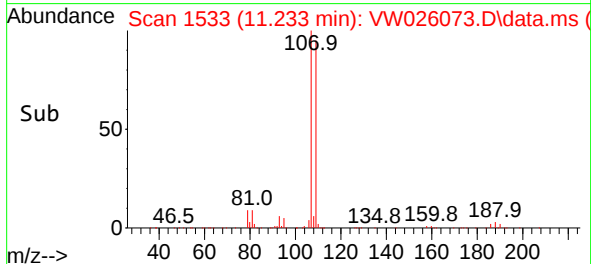
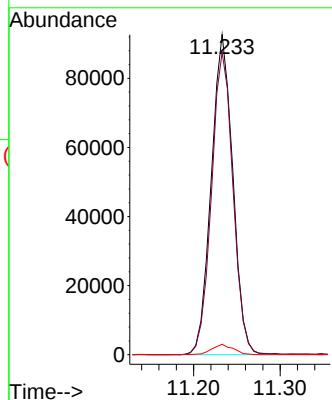
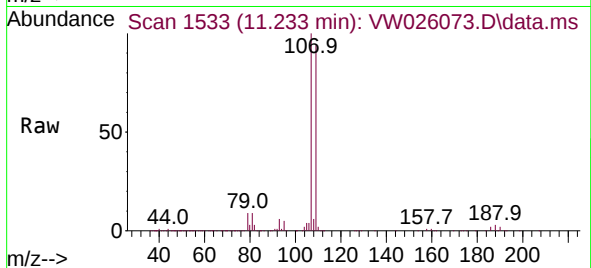
Tgt Ion:107 Resp: 159976

Ion Ratio Lower Upper

107 100

109 94.4 67.5 125.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 25.536 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

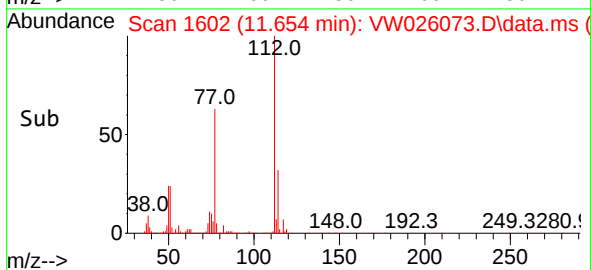
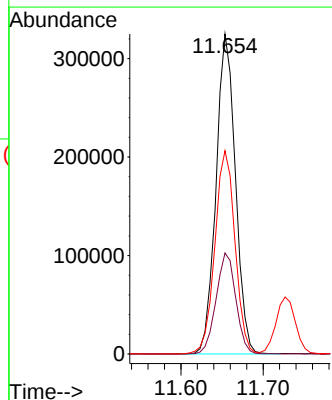
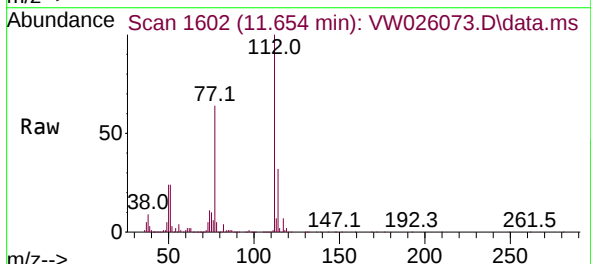
Tgt Ion:112 Resp: 533100

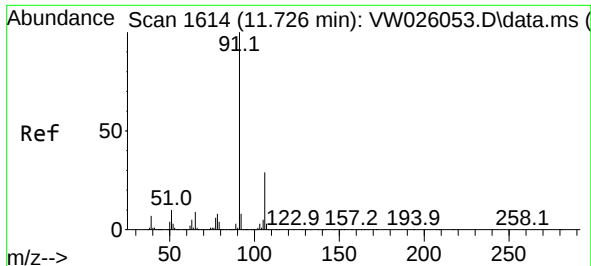
Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.3

77 63.5 53.0 79.6

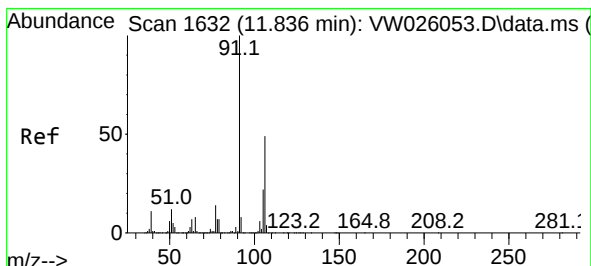
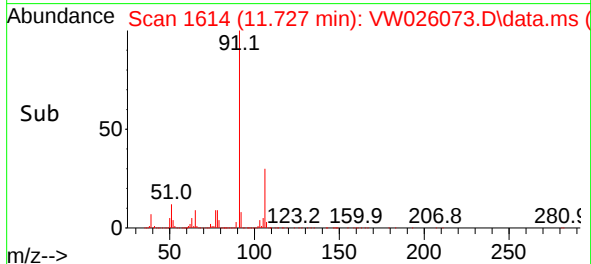
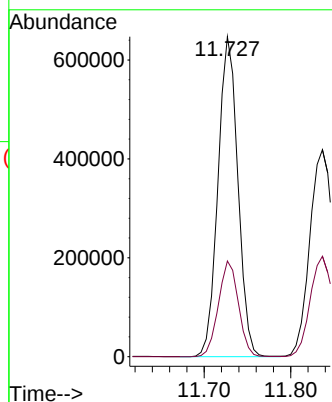
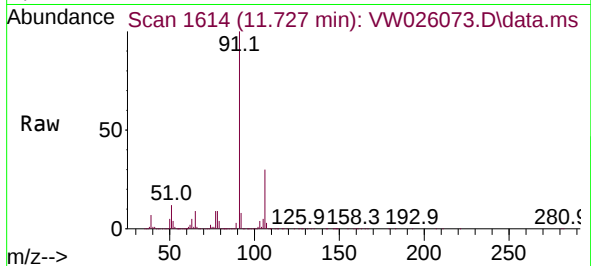




#52
Ethylbenzene
Concen: 27.224 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

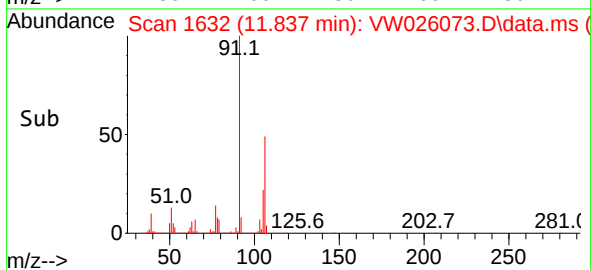
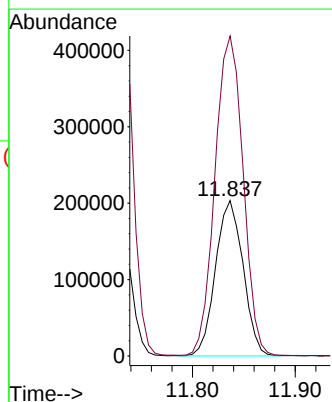
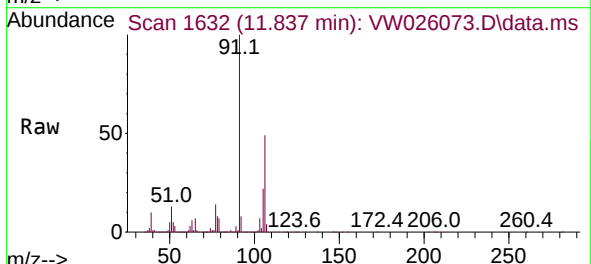
Instrument :
MSVOA_W
ClientSampleId :

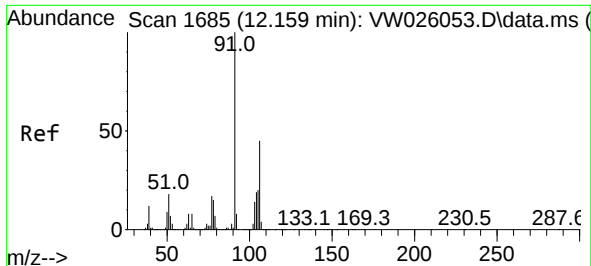
Tgt Ion: 91 Resp: 1031989
Ion Ratio Lower Upper
91 100
106 29.9 20.8 38.6



#53
m,p-Xylene
Concen: 27.145 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion:106 Resp: 378717
Ion Ratio Lower Upper
106 100
91 205.9 150.1 278.9

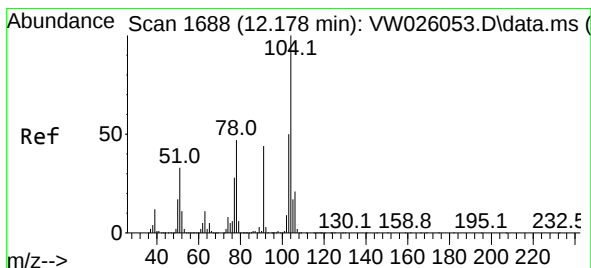
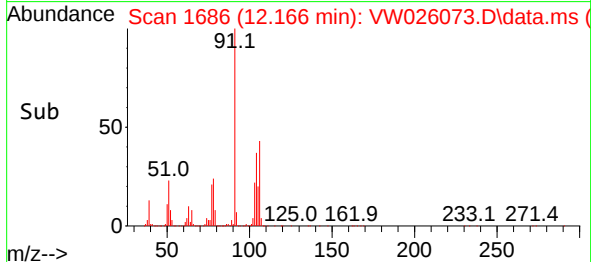
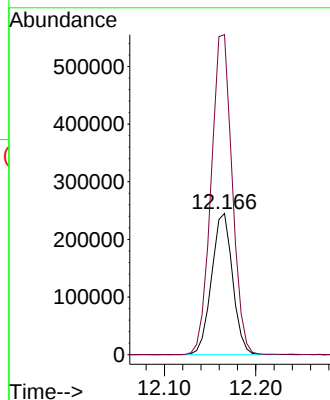
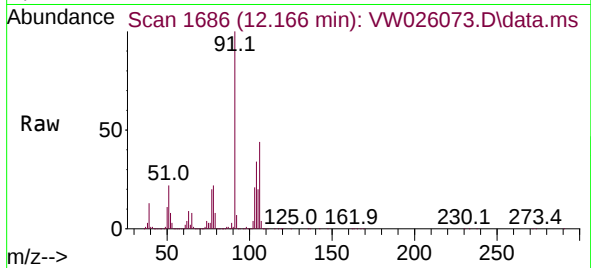




#54
o-Xylene
Concen: 29.654 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

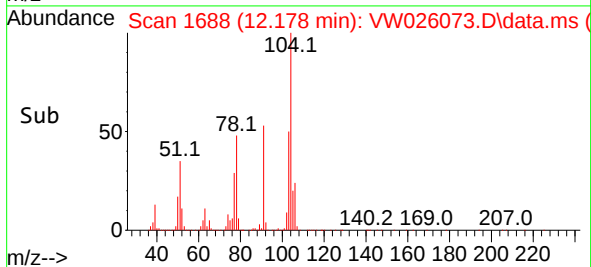
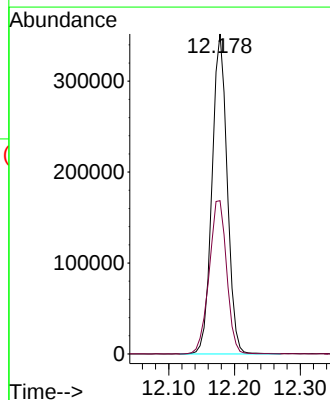
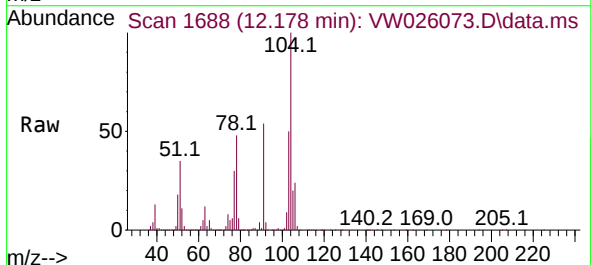
Instrument :
MSVOA_W
ClientSampleId :

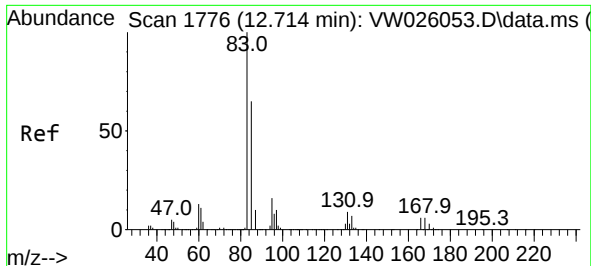
Tgt Ion:106 Resp: 389955
Ion Ratio Lower Upper
106 100
91 226.6 157.8 293.1



#55
Styrene
Concen: 25.092 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion:104 Resp: 564755
Ion Ratio Lower Upper
104 100
78 47.9 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 31.246 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :

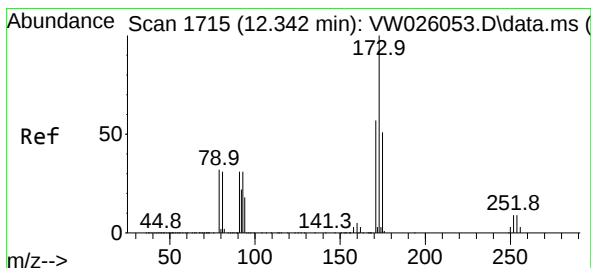
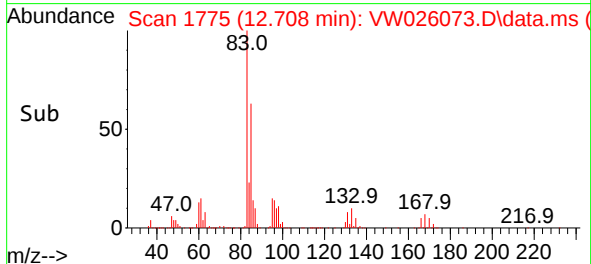
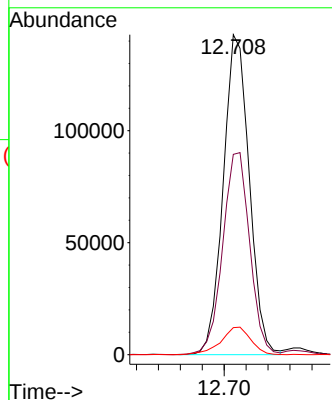
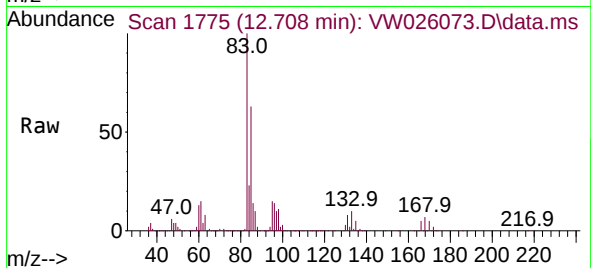
Tgt Ion: 83 Resp: 235656

Ion Ratio Lower Upper

83 100

85 62.6 45.6 84.8

131 8.5 8.1 12.1



#59

Bromoform

Concen: 37.413 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

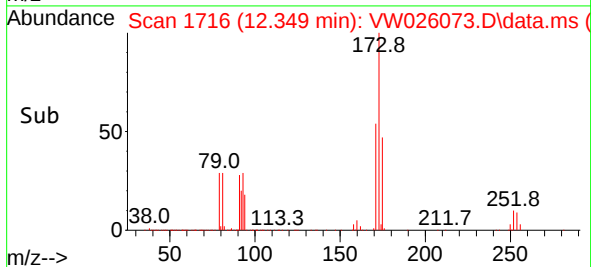
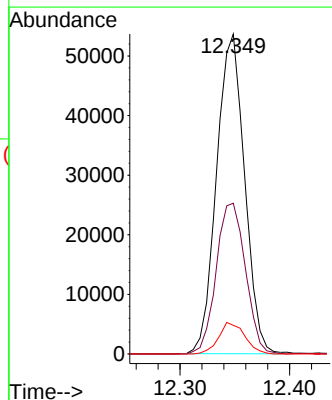
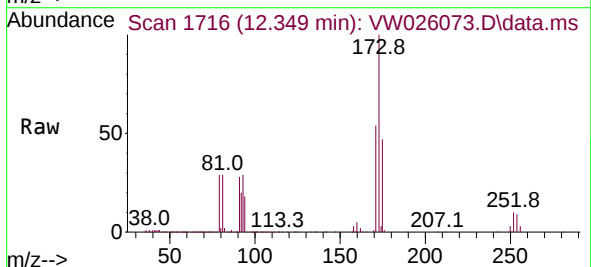
Tgt Ion:173 Resp: 95167

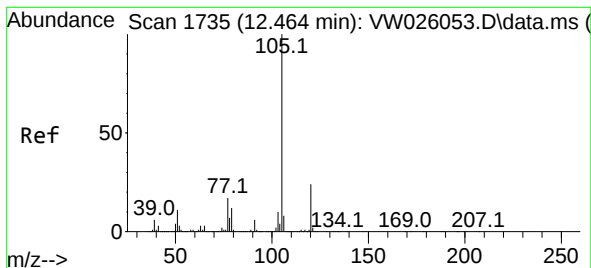
Ion Ratio Lower Upper

173 100

175 49.2 38.6 57.8

254 9.2 7.6 11.4





#60

Isopropylbenzene

Concen: 40.366 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :

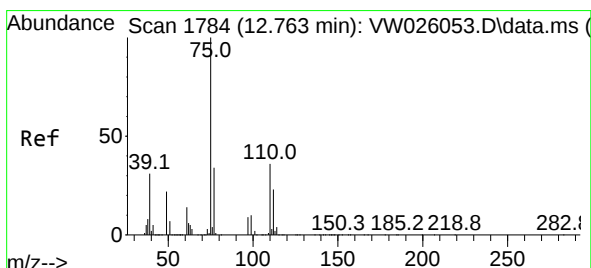
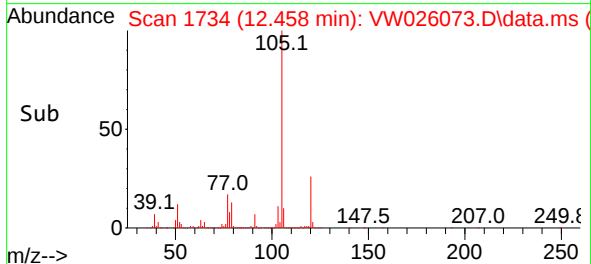
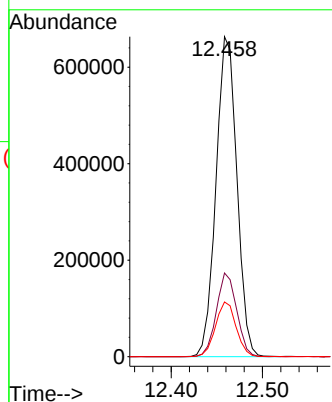
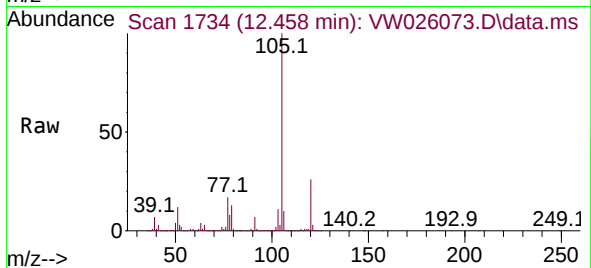
Tgt Ion:105 Resp: 1053711

Ion Ratio Lower Upper

105 100

120 25.4 21.1 31.7

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 43.765 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

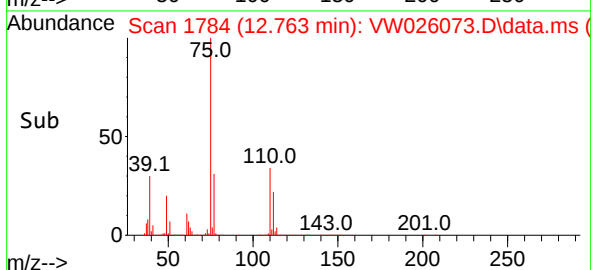
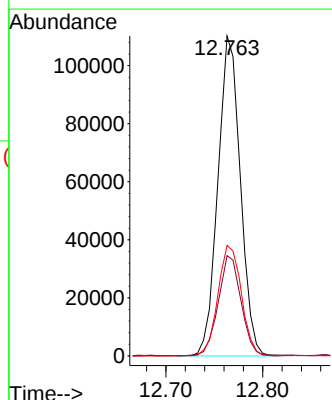
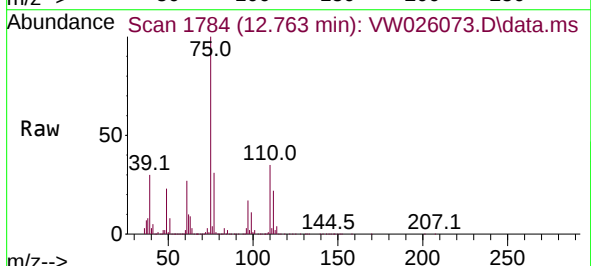
Tgt Ion: 75 Resp: 177625

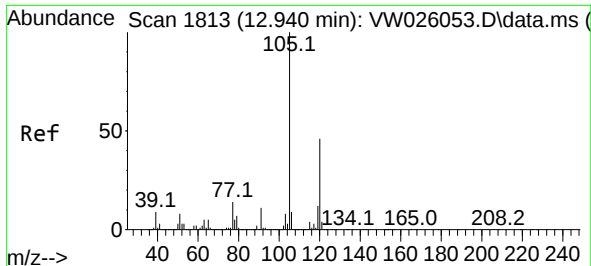
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 36.0 27.6 41.4

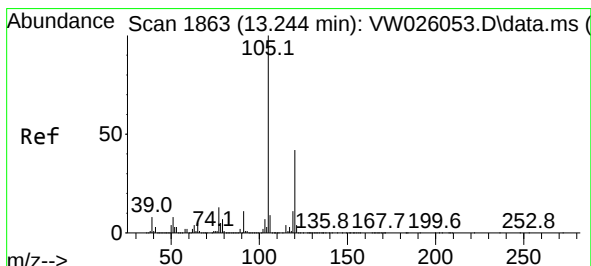
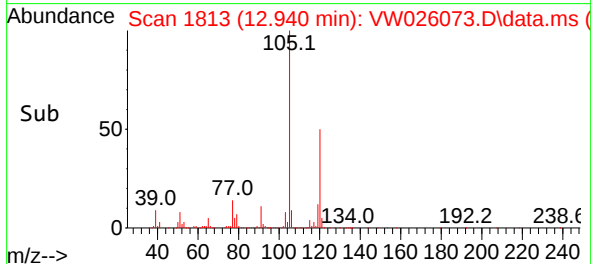
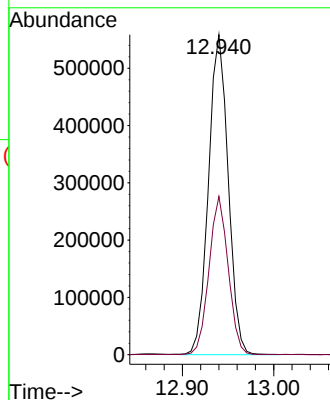
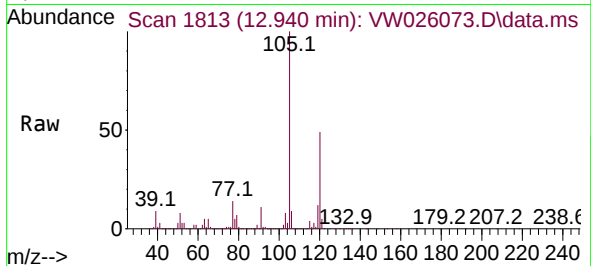




#62
1,3,5-Trimethylbenzene
Concen: 40.316 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

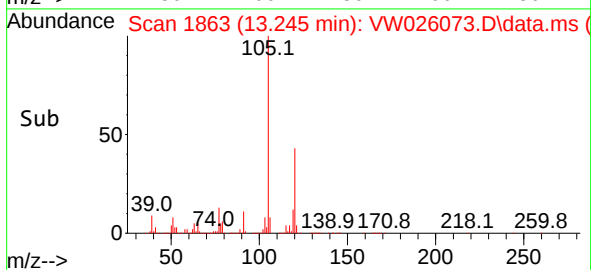
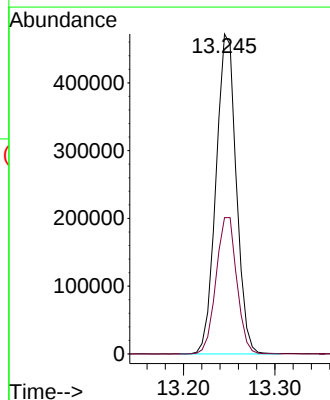
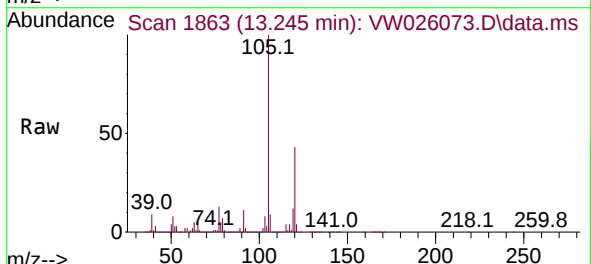
Instrument :
MSVOA_W
ClientSampleId :

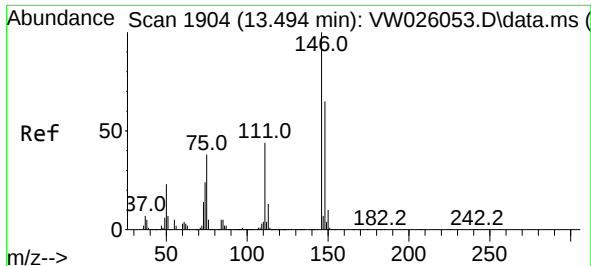
Tgt Ion:105 Resp: 833554
Ion Ratio Lower Upper
105 100
120 48.1 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 38.092 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion:105 Resp: 726765
Ion Ratio Lower Upper
105 100
120 43.7 34.7 52.1

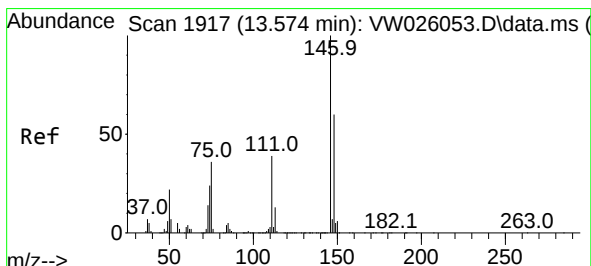
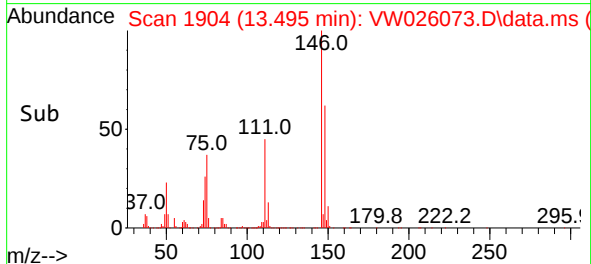
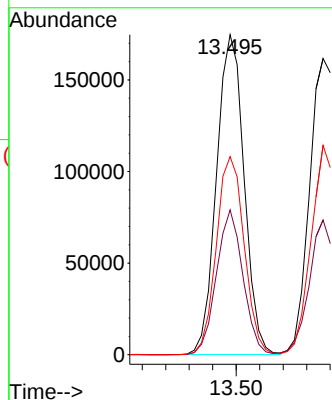
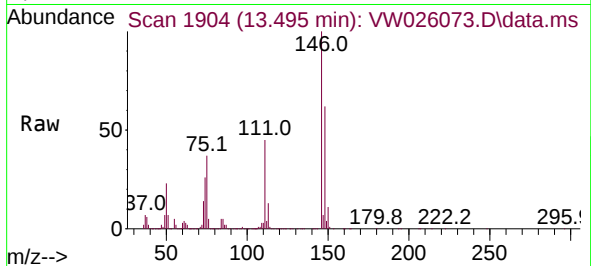




#64
1,3-Dichlorobenzene
Concen: 25.320 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

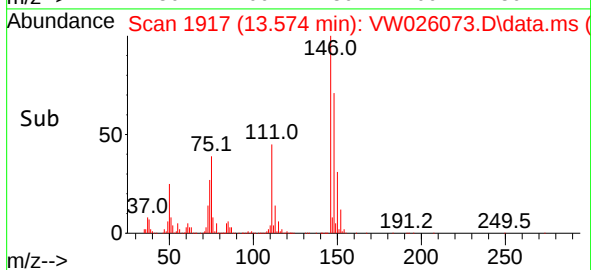
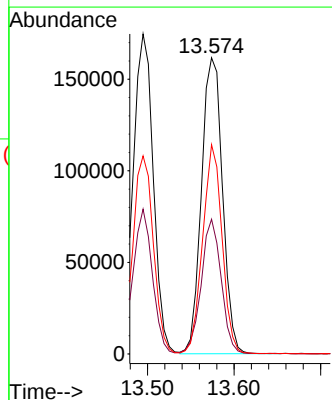
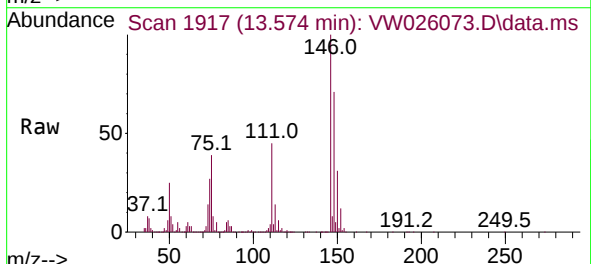
Instrument :
MSVOA_W
ClientSampleId :

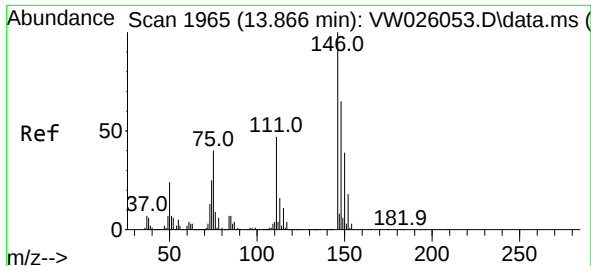
Tgt Ion:146 Resp: 284523
Ion Ratio Lower Upper
146 100
111 45.2 30.4 56.4
148 61.9 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 24.027 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026073.D
Acq: 26 May 2023 17:08

Tgt Ion:146 Resp: 272777
Ion Ratio Lower Upper
146 100
111 45.5 27.9 51.9
148 70.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 29.430 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :

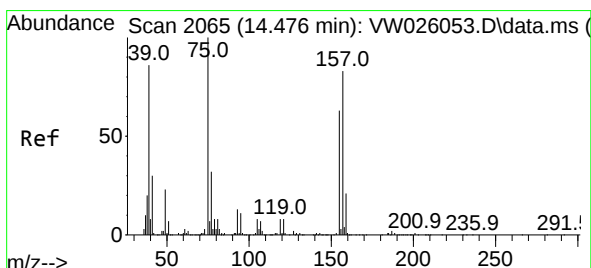
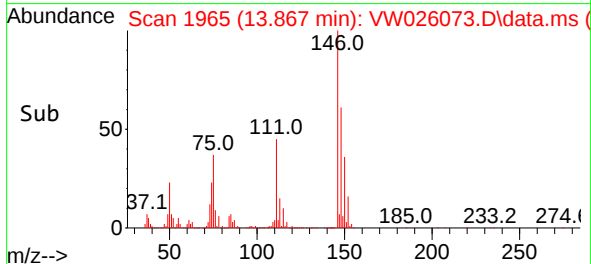
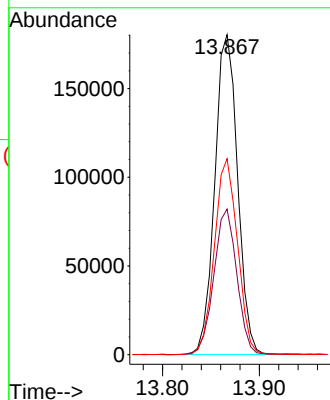
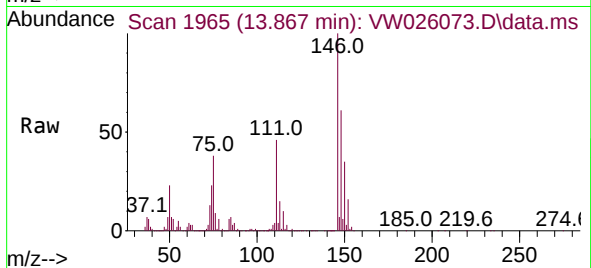
Tgt Ion:146 Resp: 294934

Ion Ratio Lower Upper

146 100

111 45.5 37.7 56.5

148 61.2 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 38.858 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

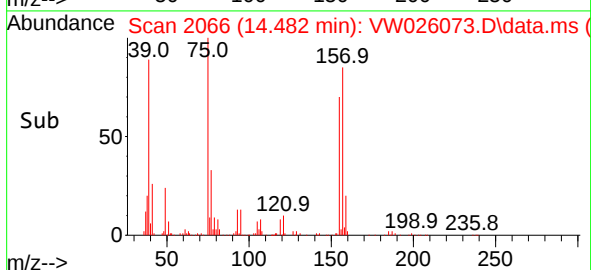
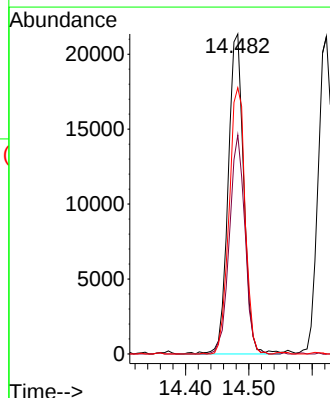
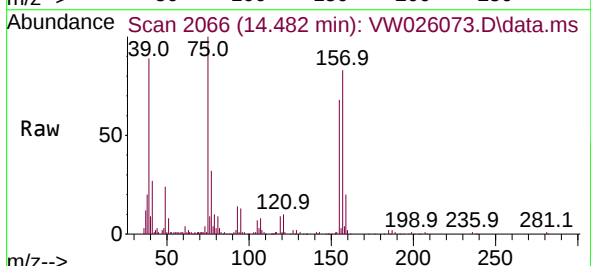
Tgt Ion: 75 Resp: 36571

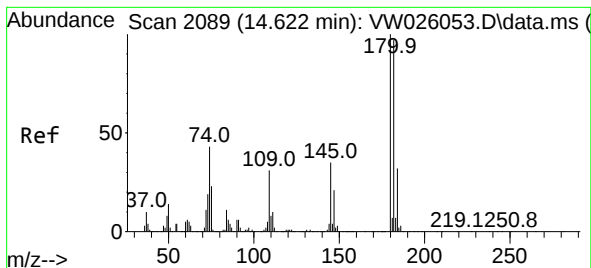
Ion Ratio Lower Upper

75 100

155 68.4 56.3 84.5

157 83.2 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 21.301 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 158892

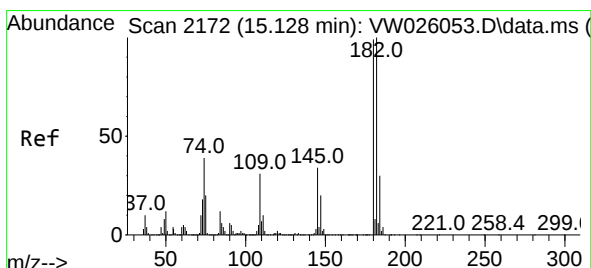
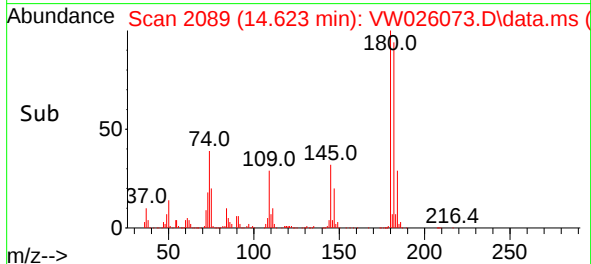
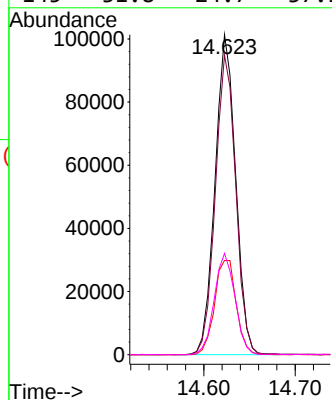
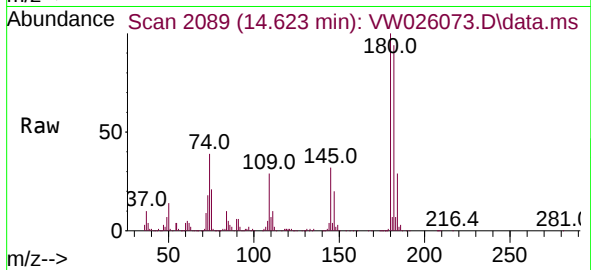
Ion Ratio Lower Upper

180 100

182 92.7 77.4 116.0

184 31.0 24.7 37.1

145 31.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 16.602 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

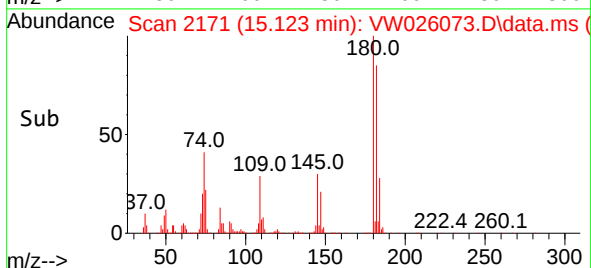
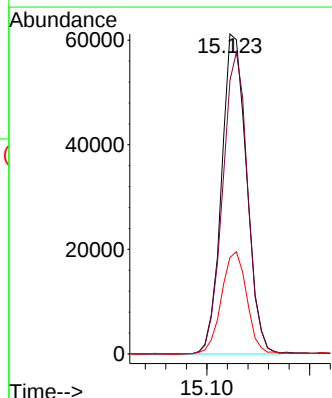
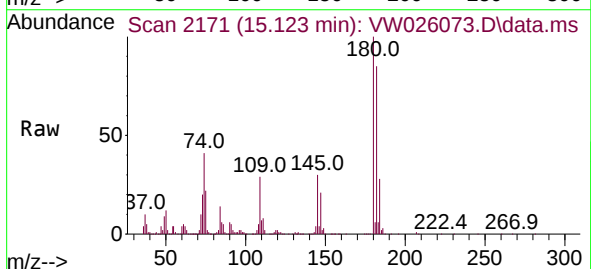
Tgt Ion:180 Resp: 103750

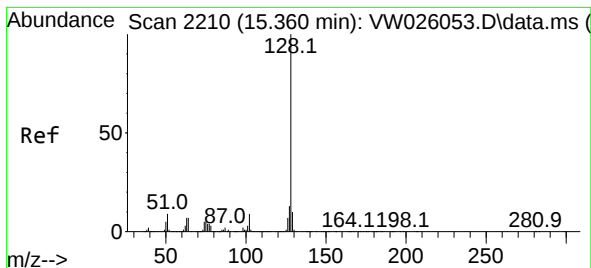
Ion Ratio Lower Upper

180 100

182 93.5 74.3 111.5

145 32.4 25.4 38.0





#71

Naphthalene

Concen: 26.714 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Instrument :

MSVOA_W

ClientSampleId :

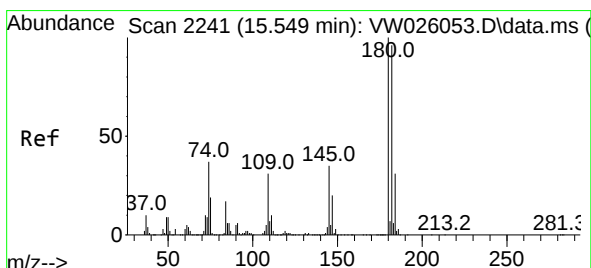
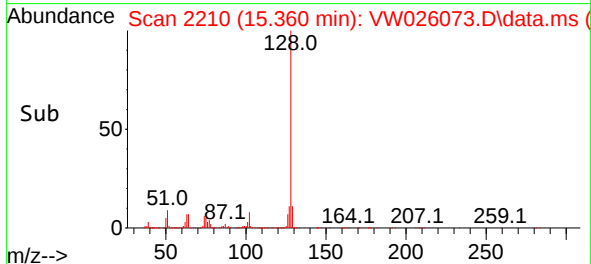
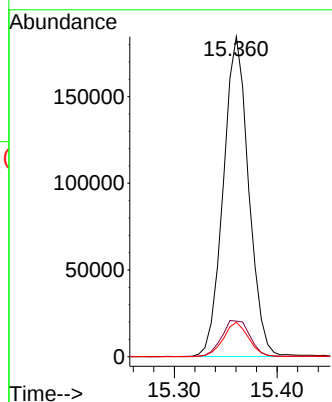
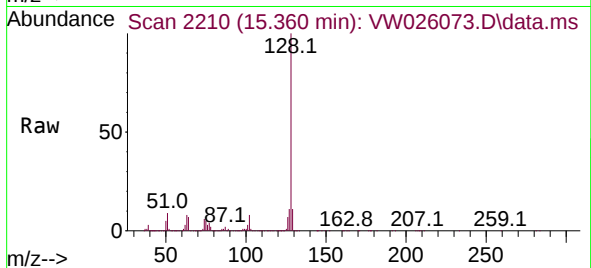
Tgt Ion:128 Resp: 315084

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 19.153 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026073.D

Acq: 26 May 2023 17:08

Tgt Ion:180 Resp: 106196

Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

145 36.0 28.0 42.0

