

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026861.D
 Acq On : 24 Aug 2023 18:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 25 02:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 02:23:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	337410	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	328737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	200931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	113364	20.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.760%
7) Chloroethane-d5	3.039	69	274	0.066	ug/L	0.14
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.280%#
11) 1,1-Dichloroethene-d2	4.015	65	62894	23.055	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	7.081	46	67680	42.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
24) Chloroform-d	7.648	84	303006	26.757	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.040%
26) 1,2-Dichloroethane-d4	8.307	65	175740	28.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.480%
32) Benzene-d6	8.270	84	553631	24.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	9.276	67	154206	21.851	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.400%
41) Toluene-d8	10.325	98	514301	26.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.575	79	76122	26.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.480%
47) 2-Hexanone-d5	10.922	63	38175	51.480	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138695	24.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	194905	27.101	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	107832	23.506	ug/L	94
3) Chloromethane	2.222	50	113424	18.082	ug/L	98
5) Vinyl chloride	2.375	62	129632	21.617	ug/L	100
6) Bromomethane	2.783	94	81492	23.325	ug/L	96
8) Chloroethane	2.930	64	78755	21.918	ug/L	96
9) Trichlorofluoromethane	3.265	101	135889	27.612	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	131467	24.731	ug/L	98
12) 1,1-Dichloroethene	4.039	96	123168	24.697	ug/L	90
13) Acetone	4.118	43	76332	48.155	ug/L	100
14) Carbon disulfide	4.393	76	357083	19.902	ug/L	98
16) Methylene chloride	4.917	84	149825	22.955	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	132485	23.806	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	234422	27.839	ug/L	96
19) 1,1-Dichloroethane	6.216	63	262258	22.897	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	150054	25.085	ug/L	91
22) 2-Butanone	7.167	43	94493	40.451	ug/L	93
23) Bromochloromethane	7.514	128	66395	25.695	ug/L	83
25) Chloroform	7.673	83	282636	25.542	ug/L	100
27) 1,2-Dichloroethane	8.398	62	210919	27.323	ug/L	98

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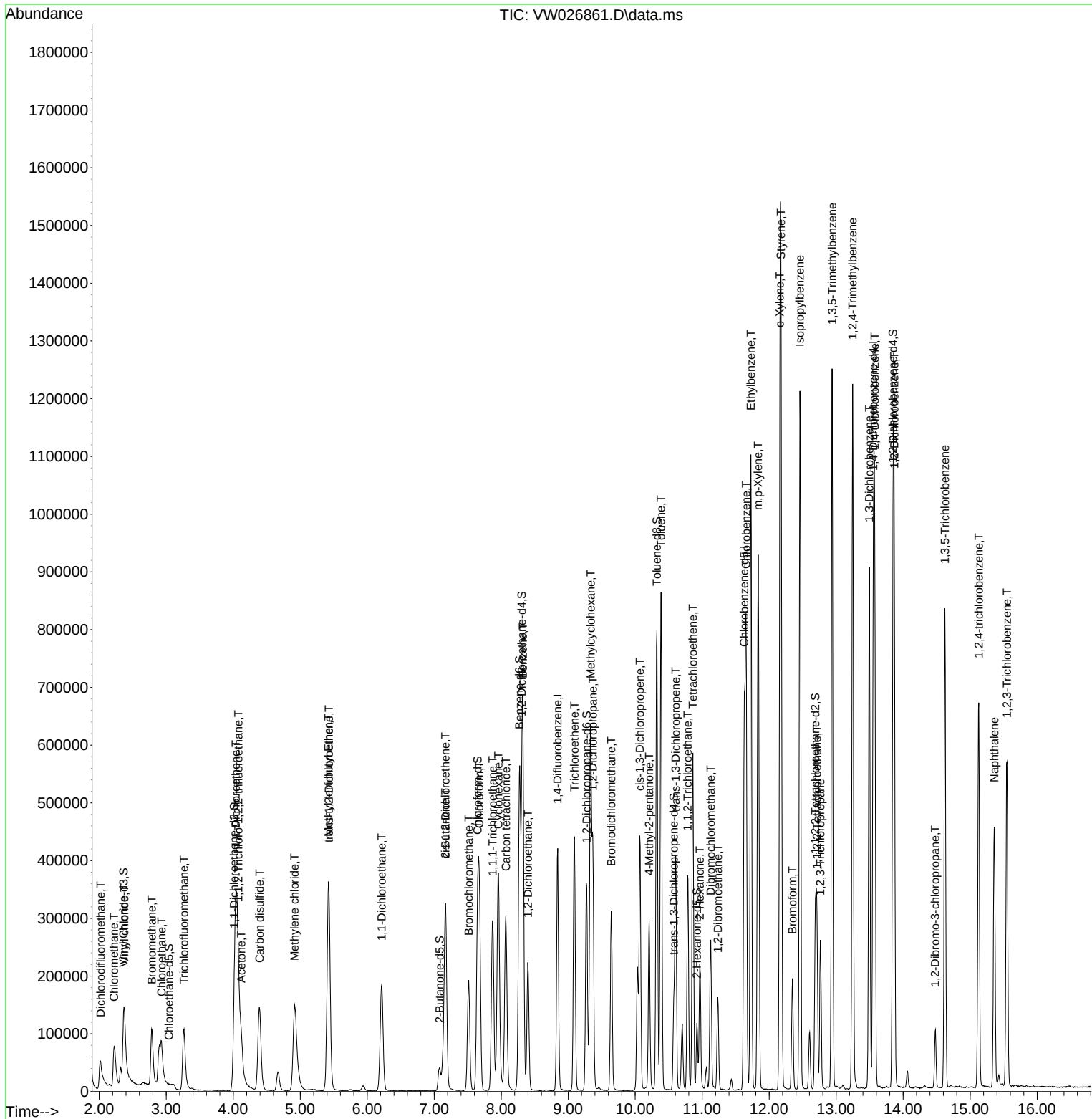
Instrument :
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 ClientSampleId :

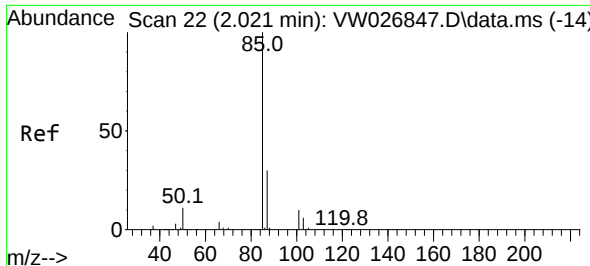
Quant Time: Aug 25 02:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 02:23:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	217476	21.392	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	250366	29.182	ug/L	98
31) Carbon tetrachloride	8.069	117	236811	30.188	ug/L	98
33) Benzene	8.325	78	561682	23.463	ug/L	100
34) Trichloroethene	9.093	95	154633	25.362	ug/L	96
35) Methylcyclohexane	9.337	83	249095	23.881	ug/L	93
37) 1,2-Dichloropropane	9.367	63	140356	21.405	ug/L #	97
38) Bromodichloromethane	9.642	83	203870	26.503	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	244596	25.929	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	183007	42.906	ug/L #	96
42) Toluene	10.386	91	609521	25.169	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	222017	27.344	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	109955	24.519	ug/L	96
46) Tetrachloroethene	10.861	164	123328	27.842	ug/L	93
48) 2-Hexanone	10.965	43	136864	47.157	ug/L	96
49) Dibromochloromethane	11.129	129	131718	28.082	ug/L	97
50) 1,2-Dibromoethane	11.233	107	104059	24.730	ug/L #	97
51) Chlorobenzene	11.654	112	400209	26.162	ug/L	98
52) Ethylbenzene	11.727	91	736714	27.128	ug/L	99
53) m,p-Xylene	11.837	106	279470	27.778	ug/L	92
54) o-Xylene	12.160	106	266452	28.377	ug/L	93
55) Styrene	12.178	104	465553	28.516	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	132250	23.285	ug/L #	99
59) Bromoform	12.349	173	84999	27.005	ug/L	96
60) Isopropylbenzene	12.458	105	749975	25.105	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	102936	21.120	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	644153	27.280	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	630389	27.244	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	344575	26.522	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	349022	25.742	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	306833	25.971	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	26892	22.887	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	248497	28.311	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	211752	28.454	ug/L	97
71) Naphthalene	15.360	128	376248	26.504	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	190291	28.349	ug/L	98

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

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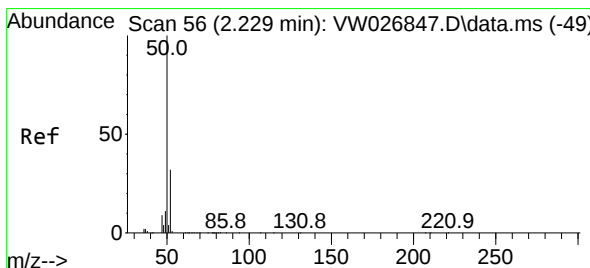
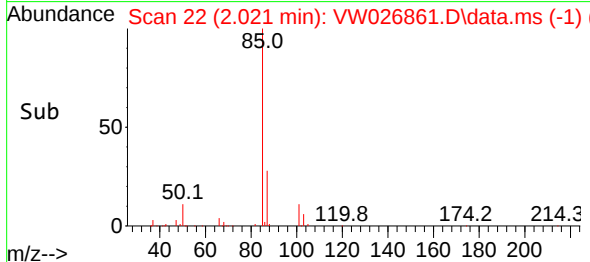
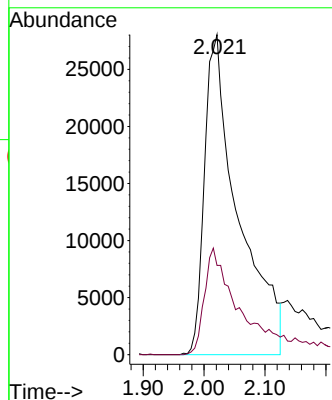
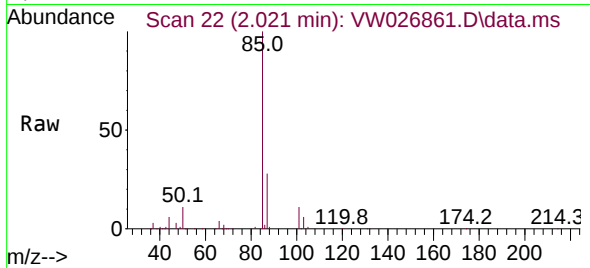




#2
 Dichlorodifluoromethane
 Concen: 23.506 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

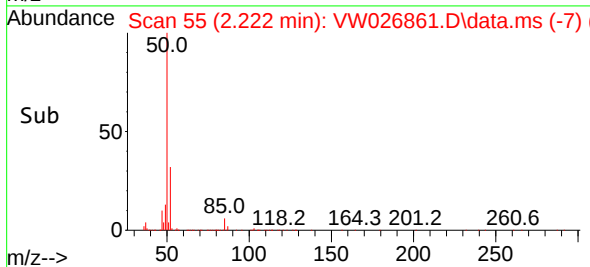
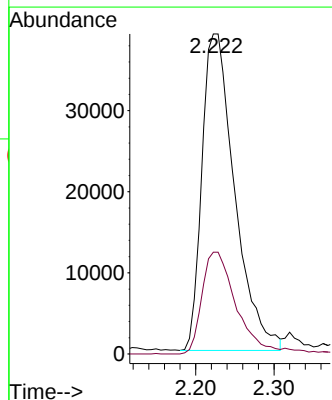
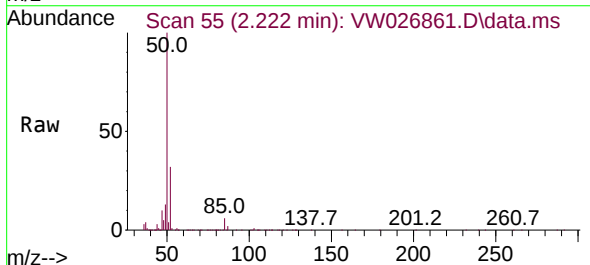
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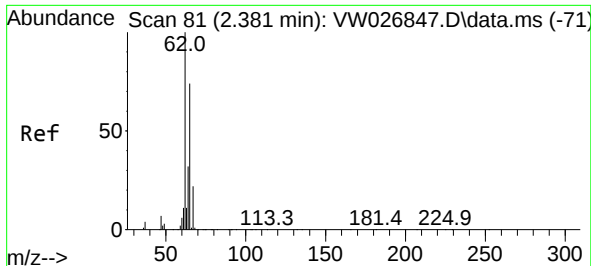
Tgt Ion: 85 Resp: 107832
 Ion Ratio Lower Upper
 85 100
 87 27.3 19.5 29.3



#3
 Chloromethane
 Concen: 18.082 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

Tgt Ion: 50 Resp: 113424
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.0 42.8

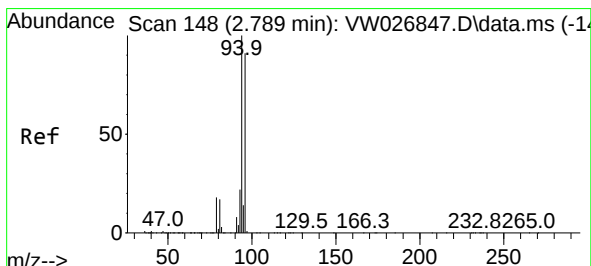
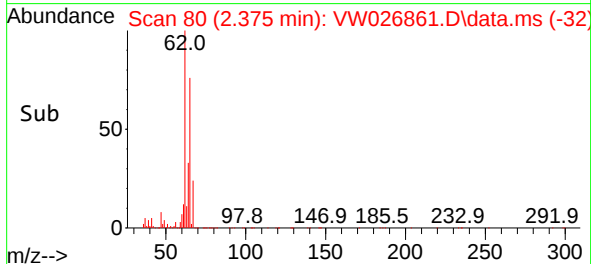
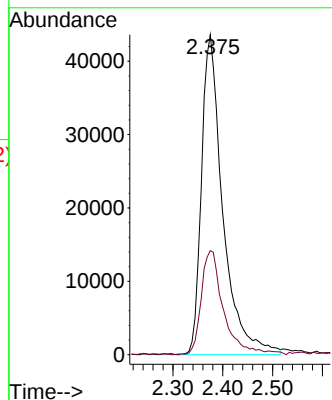
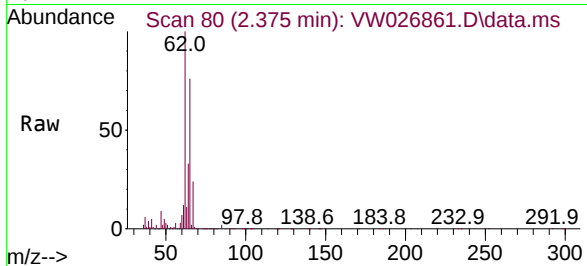




#5
 Vinyl chloride
 Concen: 21.617 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

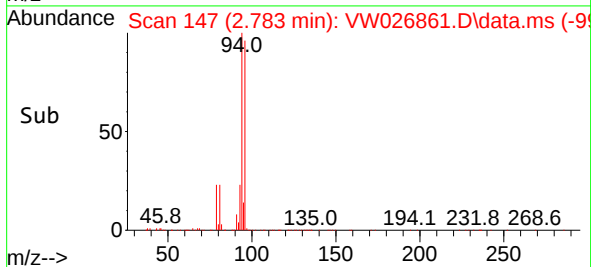
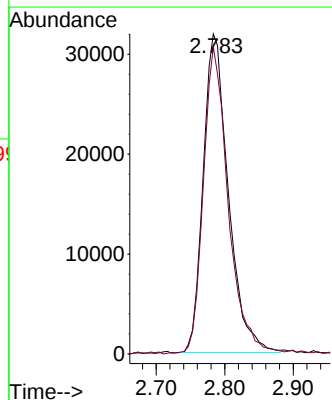
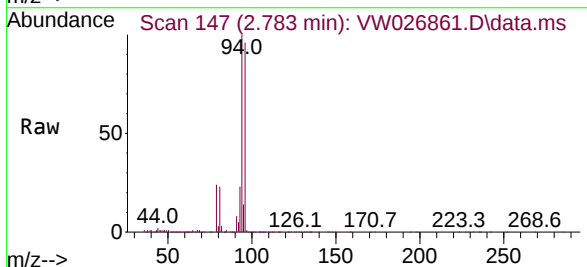
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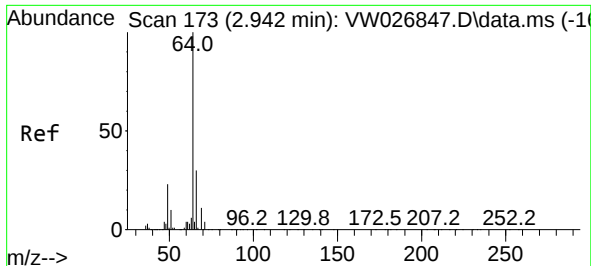
Tgt Ion: 62 Resp: 129632
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 23.325 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

Tgt Ion: 94 Resp: 81492
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.8 120.3

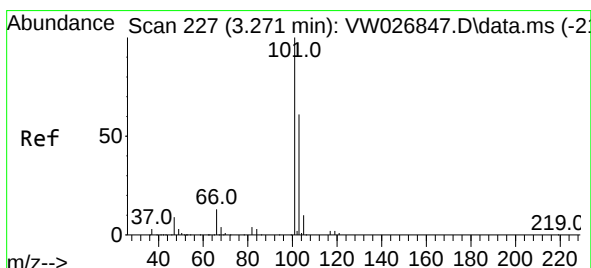
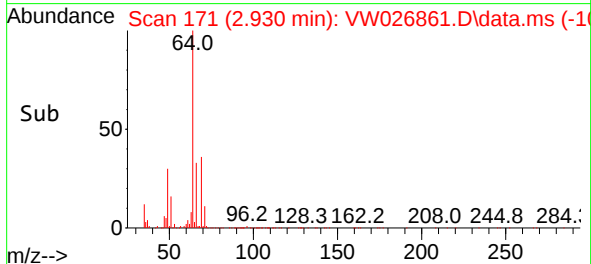
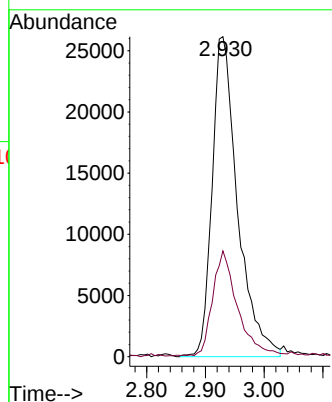
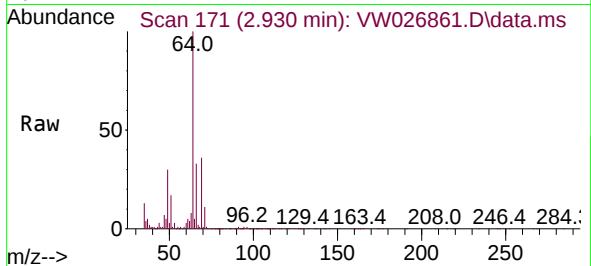




#8
Chloroethane
Concen: 21.918 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

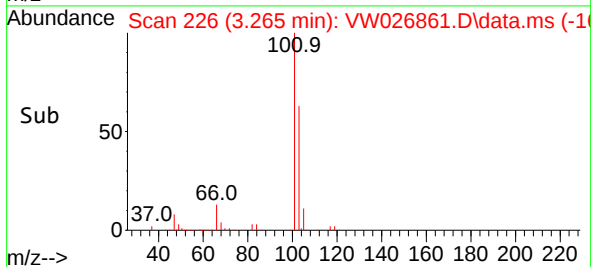
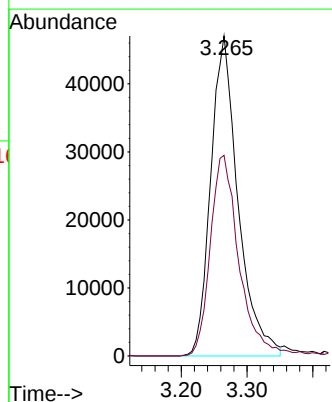
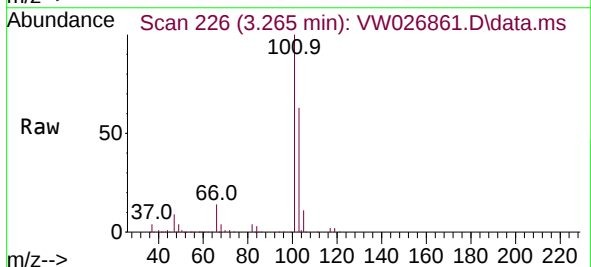
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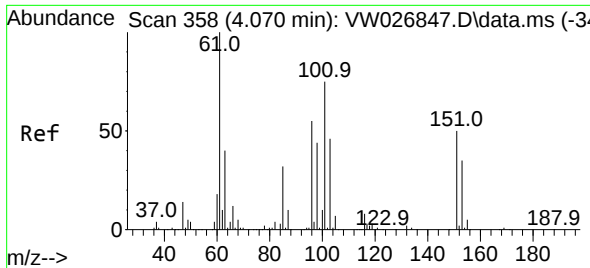
Tgt Ion: 64 Resp: 78755
Ion Ratio Lower Upper
64 100
66 33.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 27.612 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion:101 Resp: 135889
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9

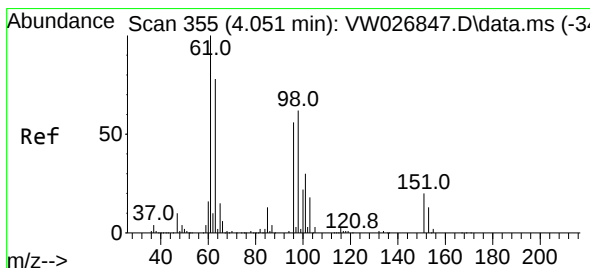
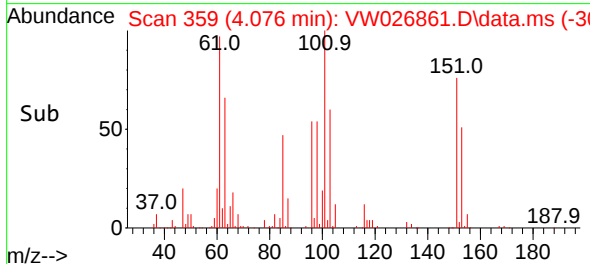
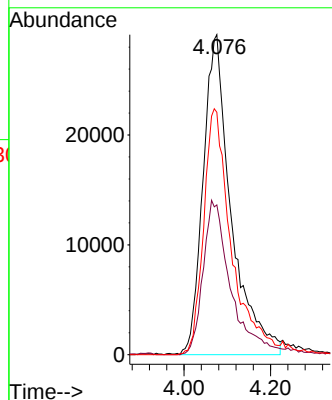
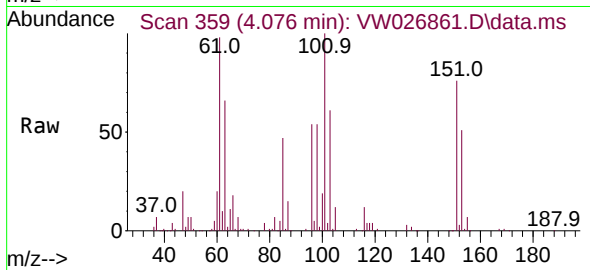




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.731 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

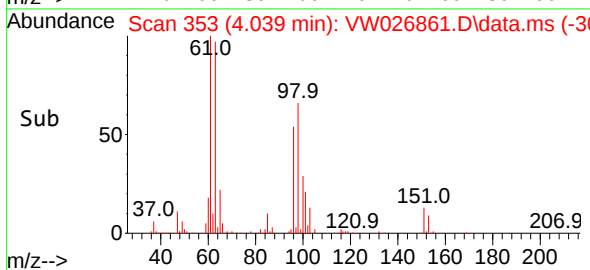
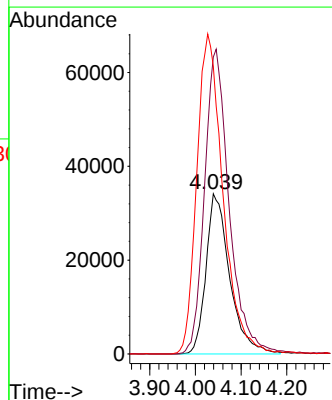
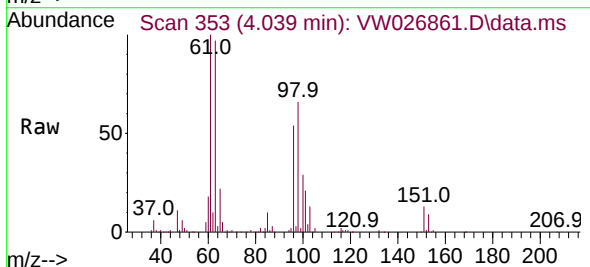
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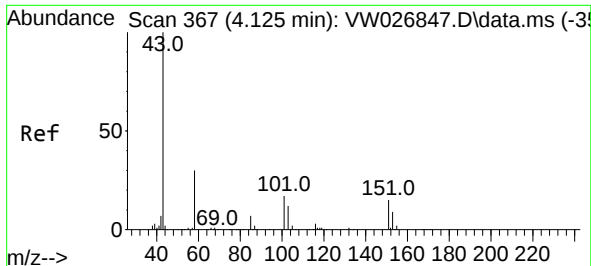
Tgt Ion:101 Resp: 131467
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.8 49.2
 151 65.9 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 24.697 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW026861.D
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Tgt Ion: 96 Resp: 123168
 Ion Ratio Lower Upper
 96 100
 61 185.3 133.2 247.4
 63 179.5 109.0 202.4

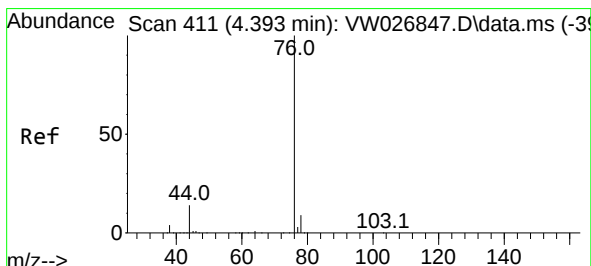
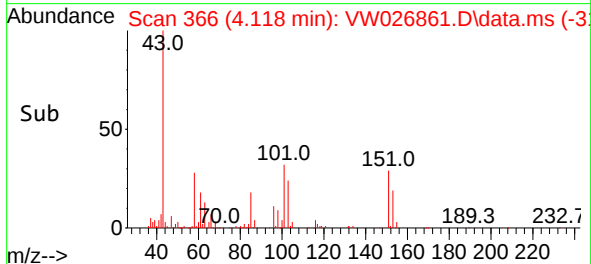
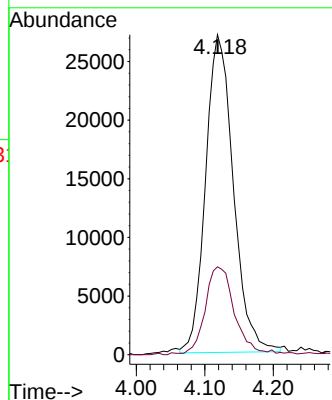
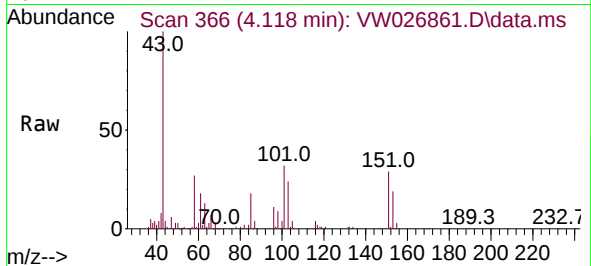




#13
Acetone
Concen: 48.155 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

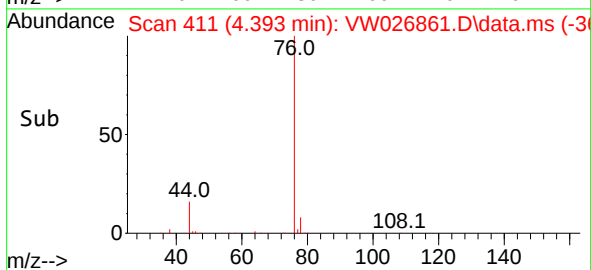
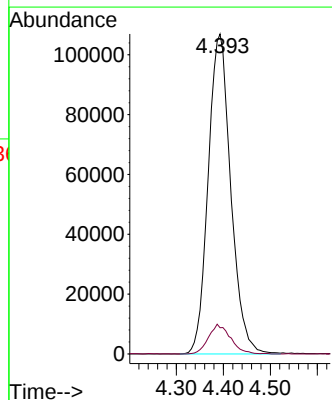
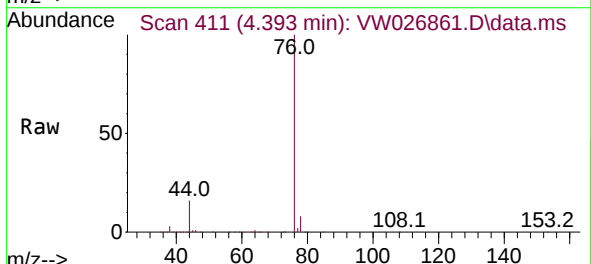
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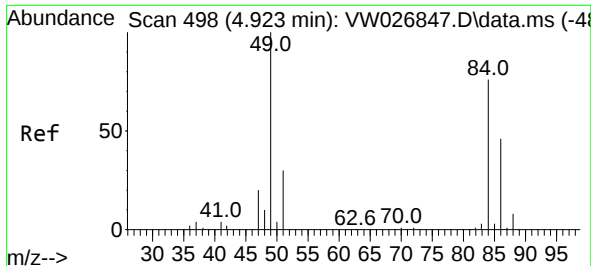
Tgt Ion: 43 Resp: 76332
Ion Ratio Lower Upper
43 100
58 28.6 0.0 57.4



#14
Carbon disulfide
Concen: 19.902 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026861.D
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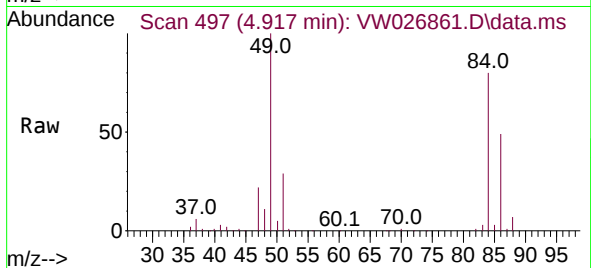
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Ion Ratio Lower Upper
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78 8.2 7.1 10.7



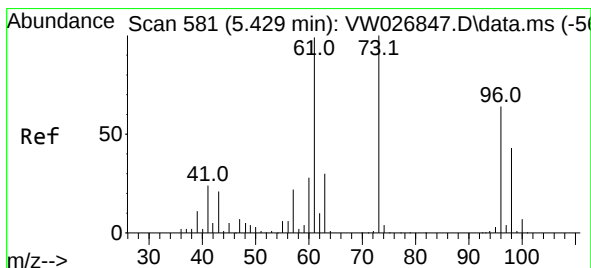
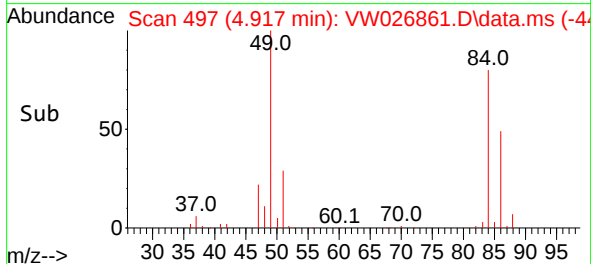
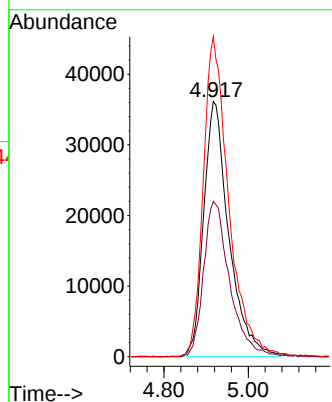


#16
Methylene chloride
Concen: 22.955 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Instrument :
MSVOA_W
ClientSampleId :

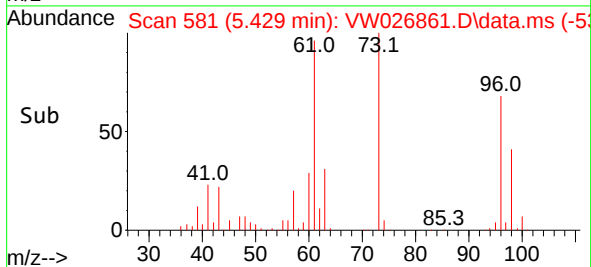
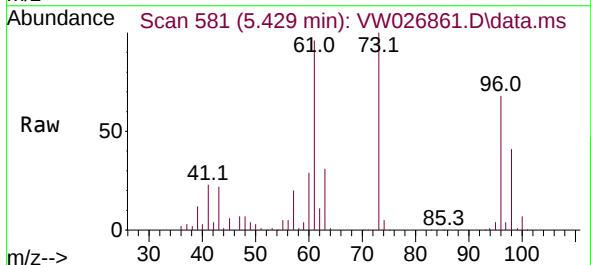
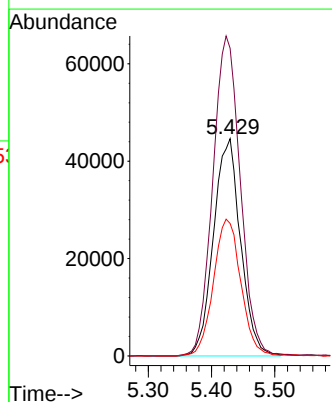


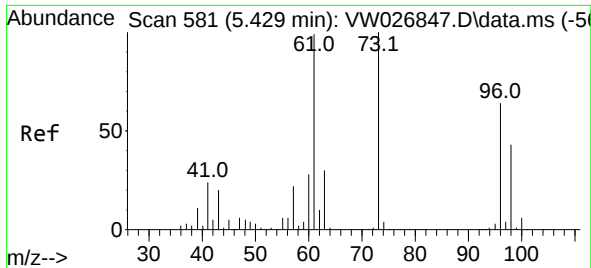
Tgt Ion: 84 Resp: 149825
Ion Ratio Lower Upper
84 100
86 60.9 43.5 80.9
49 125.4 96.0 178.2



#17
trans-1,2-Dichloroethene
Concen: 23.806 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion: 96 Resp: 132485
Ion Ratio Lower Upper
96 100
61 141.6 109.4 203.2
98 61.0 43.6 81.0

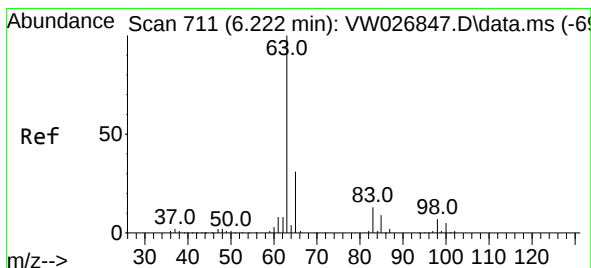
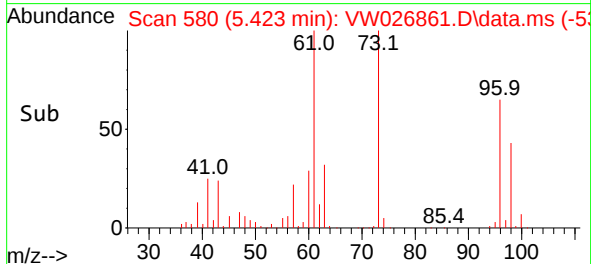
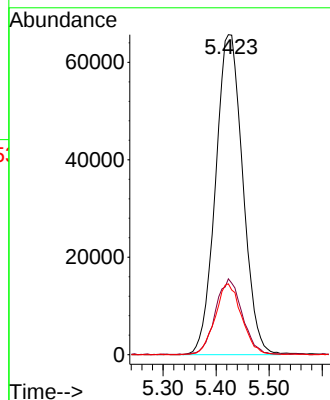
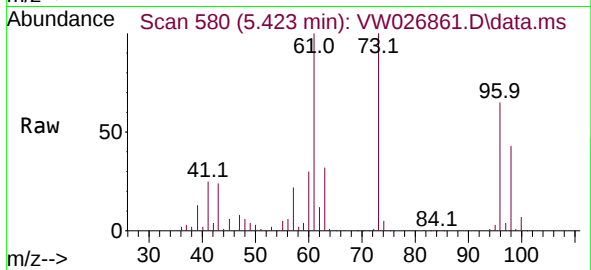




#18
Methyl tert-butyl Ether
Concen: 27.839 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

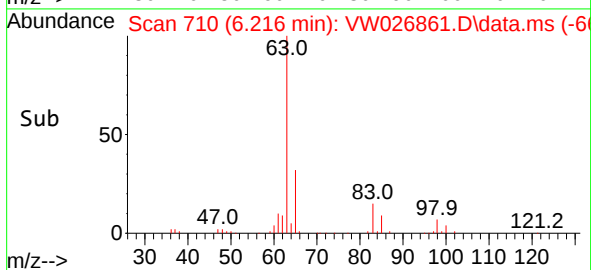
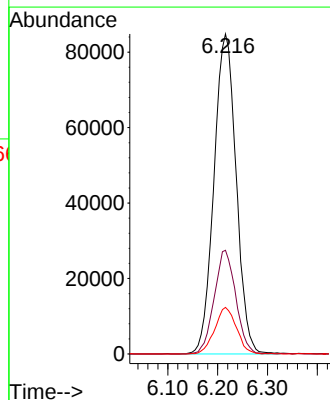
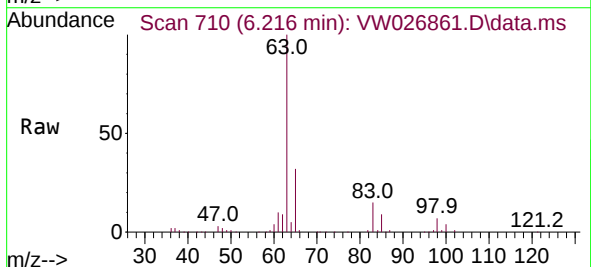
Instrument :
MSVOA_W
ClientSampleId :

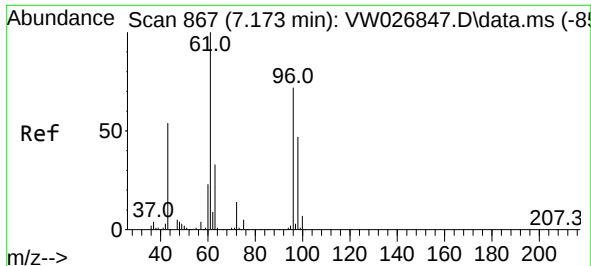
Tgt Ion: 73 Resp: 234422
Ion Ratio Lower Upper
73 100
43 23.3 18.0 27.0
57 21.5 19.3 28.9



#19
1,1-Dichloroethane
Concen: 22.897 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion: 63 Resp: 262258
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.6
83 14.5 9.0 16.6

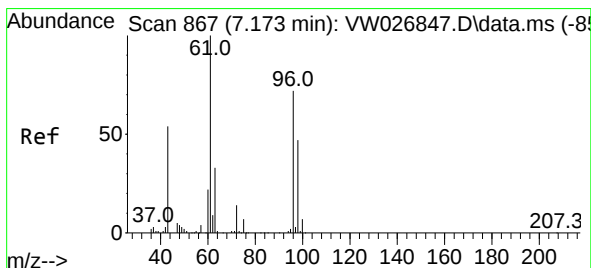
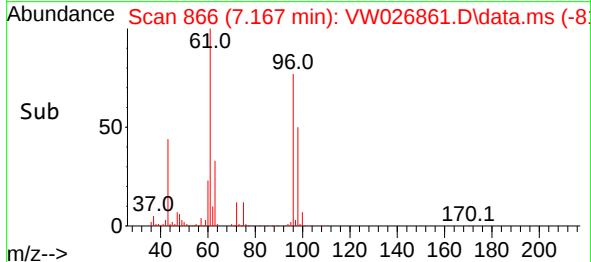
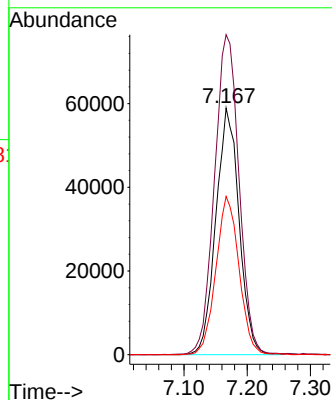
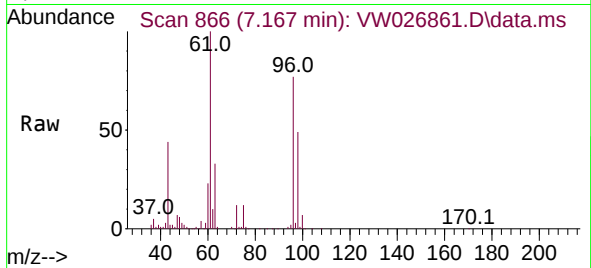




#20
 cis-1,2-Dichloroethene
 Concen: 25.085 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

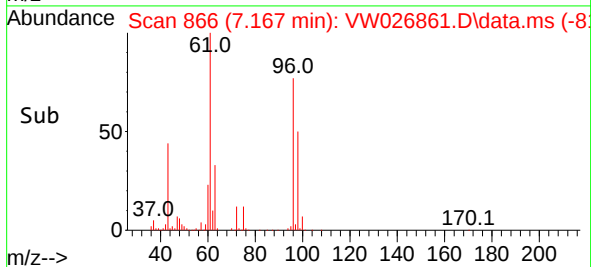
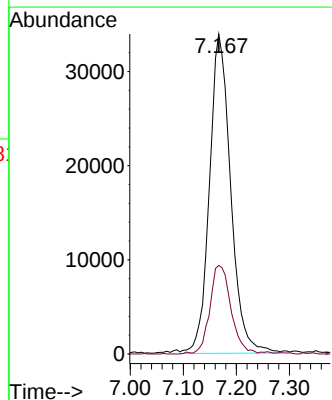
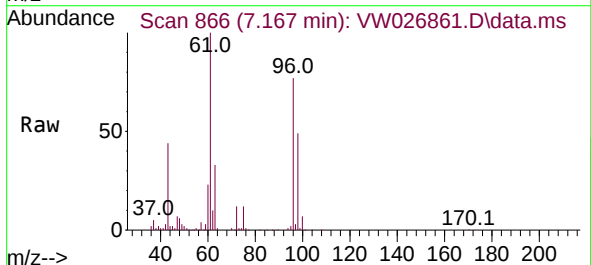
Instrument :
 MSVOA_W
 ClientSampleId :

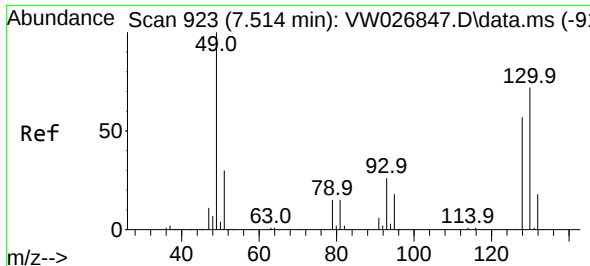
Tgt Ion: 96 Resp: 150054
 Ion Ratio Lower Upper
 96 100
 61 129.7 101.2 188.0
 98 64.2 43.8 81.3



#22
 2-Butanone
 Concen: 40.451 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

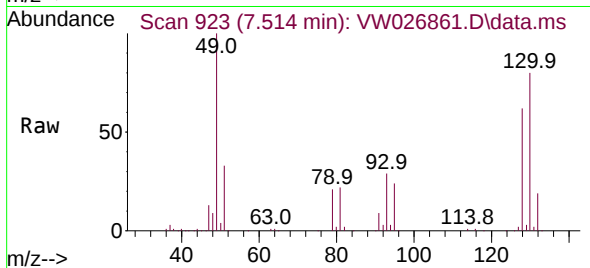
Tgt Ion: 43 Resp: 94493
 Ion Ratio Lower Upper
 43 100
 72 27.0 11.8 35.4



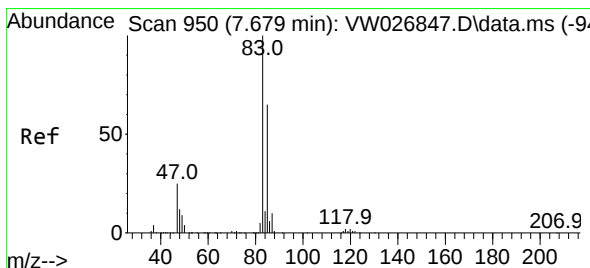
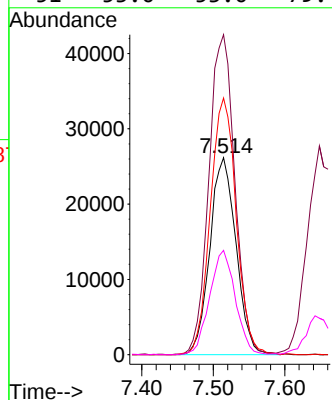
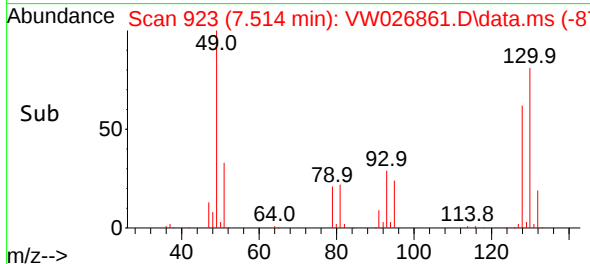


#23
Bromochloromethane
Concen: 25.695 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

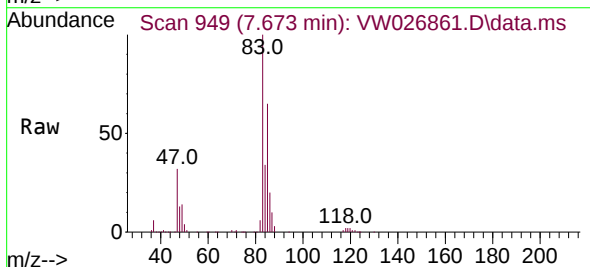
Instrument :
MSVOA_W
ClientSampleId :



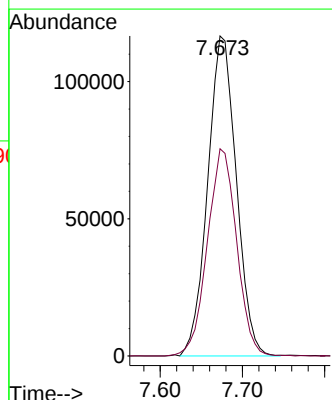
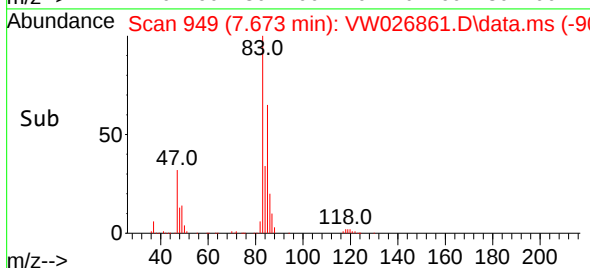
Tgt Ion:	128	Resp:	66395
Ion	Ratio	Lower	Upper
128	100		
49	162.5	143.1	265.7
130	130.4	91.8	170.4
51	53.0	53.0	79.4

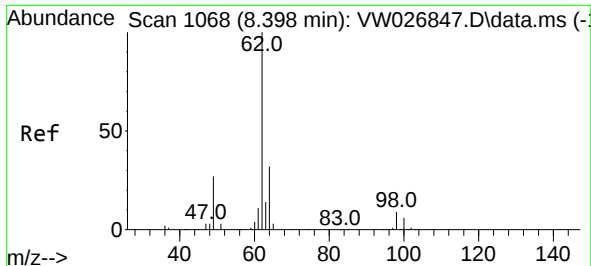


#25
Chloroform
Concen: 25.542 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26



Tgt Ion:	83	Resp:	282636
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.4	84.2

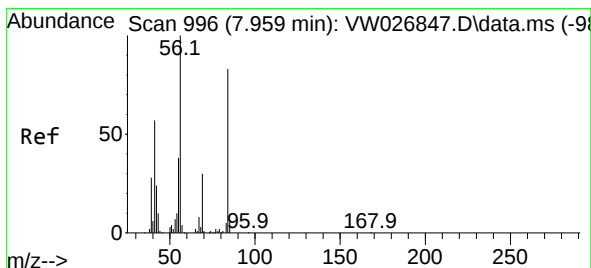
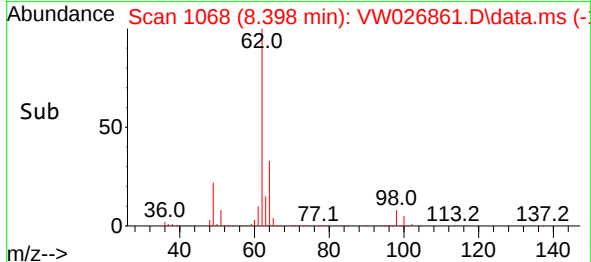
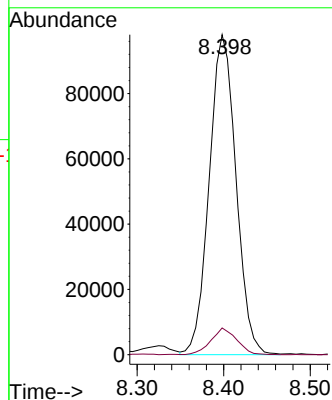
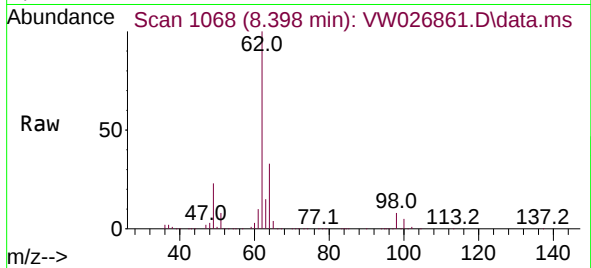




#27
1,2-Dichloroethane
Concen: 27.323 ug/L
RT: 8.398 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

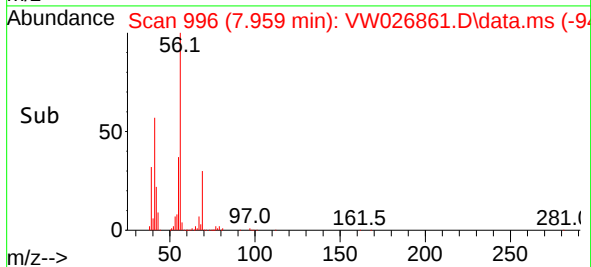
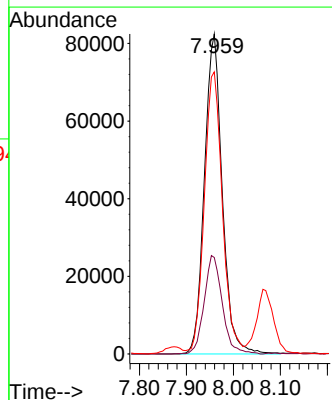
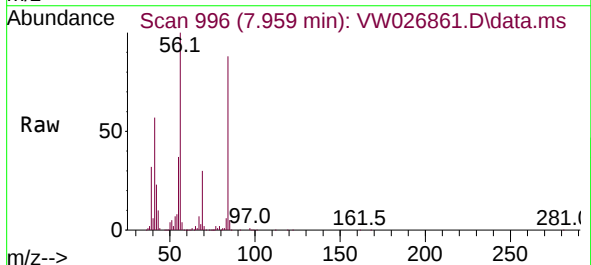
Instrument :
MSVOA_W
ClientSampleId :

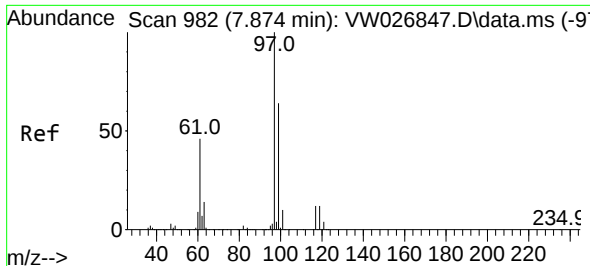
Tgt Ion: 62 Resp: 210919
Ion Ratio Lower Upper
62 100
98 8.3 7.1 10.7



#29
Cyclohexane
Concen: 21.392 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion: 56 Resp: 217476
Ion Ratio Lower Upper
56 100
69 31.1 23.2 34.8
84 89.3 62.7 94.1



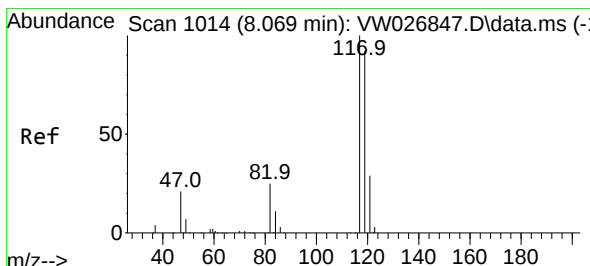
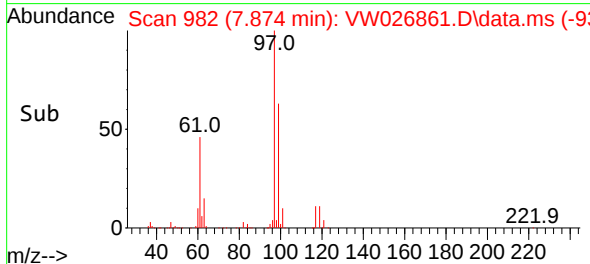
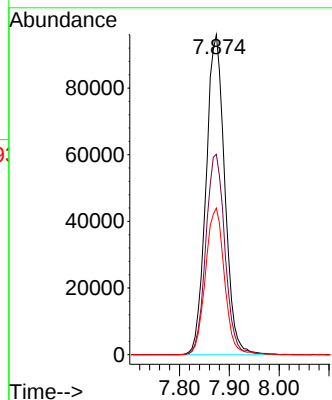
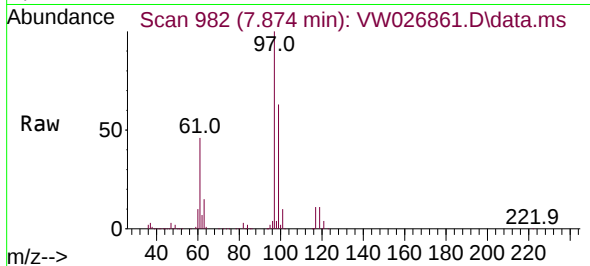


#30
 1,1,1-Trichloroethane
 Concen: 29.182 ug/L
 RT: 7.874 min Scan# 982
 Delta R.T. 0.000 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 97 Resp: 250366

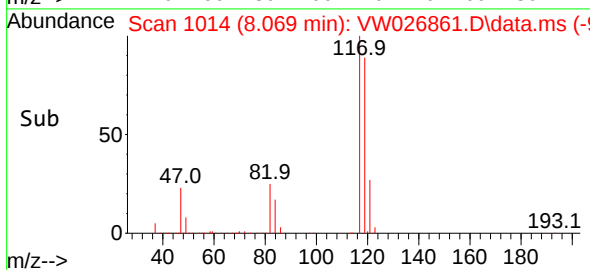
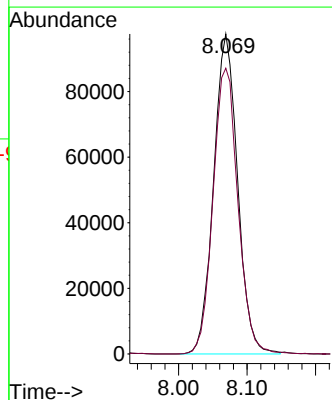
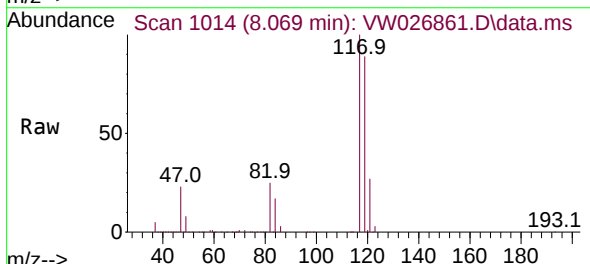
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.2	76.8
61	46.5	39.2	58.8

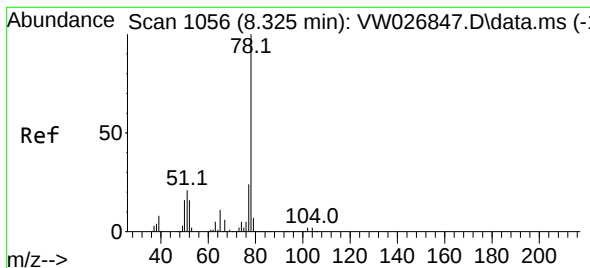


#31
 Carbon tetrachloride
 Concen: 30.188 ug/L
 RT: 8.069 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

Tgt Ion: 117 Resp: 236811

Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.0	109.4





#33

Benzene

Concen: 23.463 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW026861.D

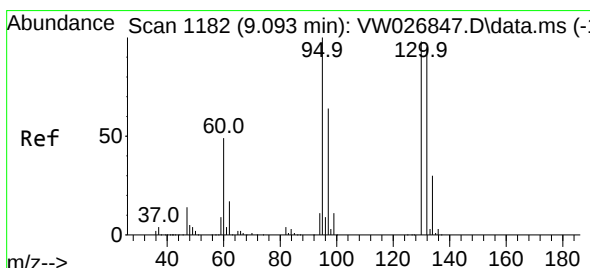
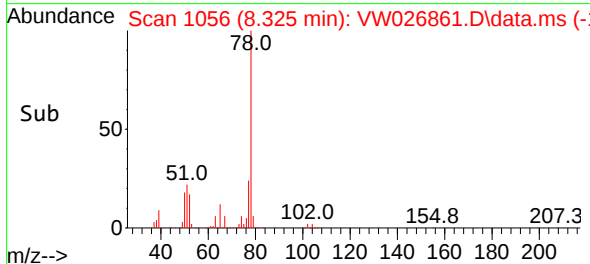
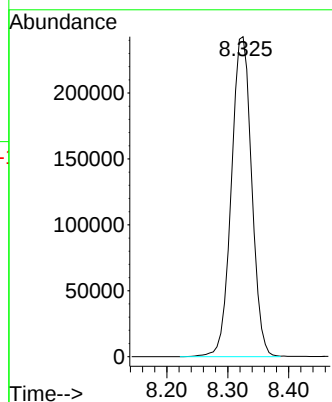
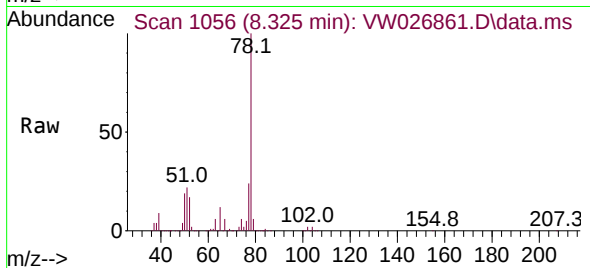
Acq: 24 Aug 2023 18:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 561682



#34

Trichloroethene

Concen: 25.362 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

Tgt Ion: 95 Resp: 154633

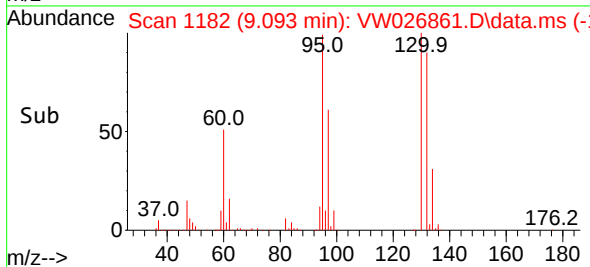
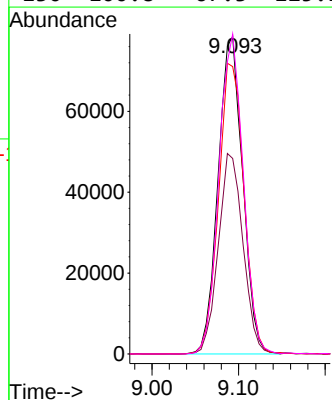
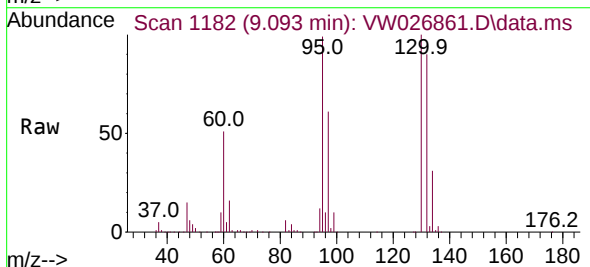
Ion Ratio Lower Upper

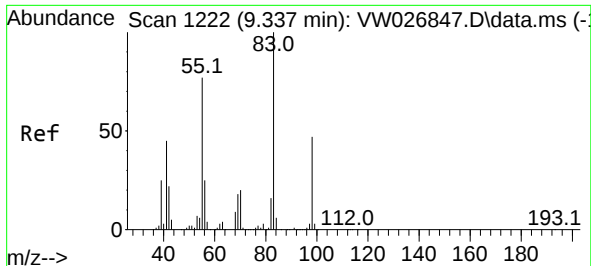
95 100

97 61.6 44.6 82.8

132 90.5 66.4 123.2

130 100.8 67.3 125.1





#35

Methylcyclohexane

Concen: 23.881 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.000 min

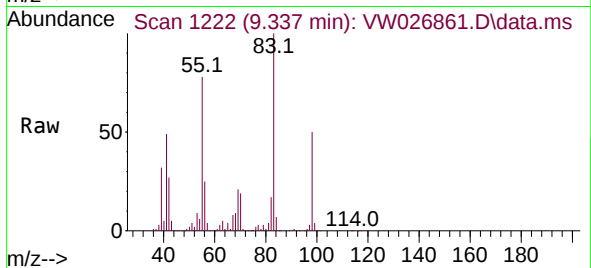
Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

Instrument :

MSVOA_W

ClientSampleId :



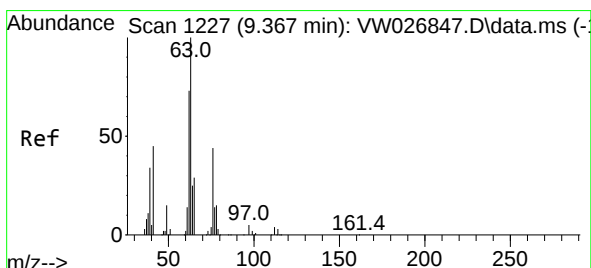
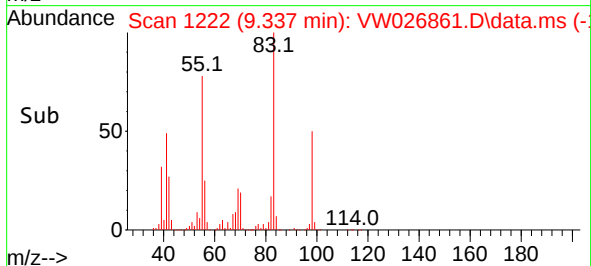
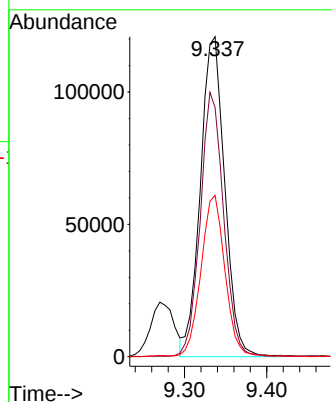
Tgt Ion: 83 Resp: 249095

Ion Ratio Lower Upper

83 100

55 79.4 69.3 103.9

98 49.6 37.4 56.0



#37

1,2-Dichloropropane

Concen: 21.405 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026861.D

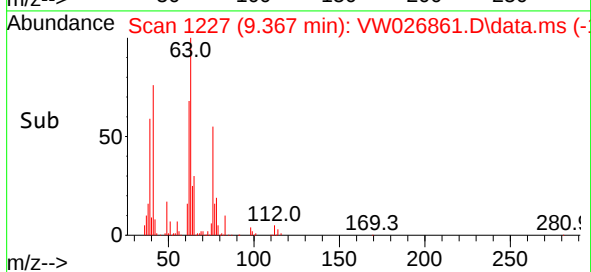
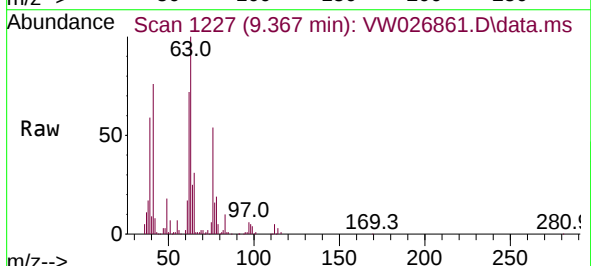
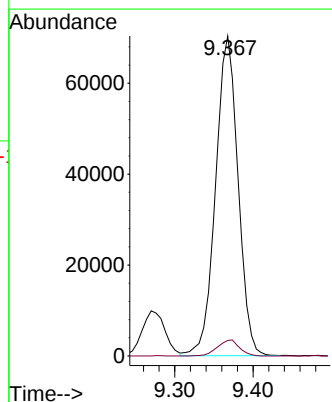
Acq: 24 Aug 2023 18:26

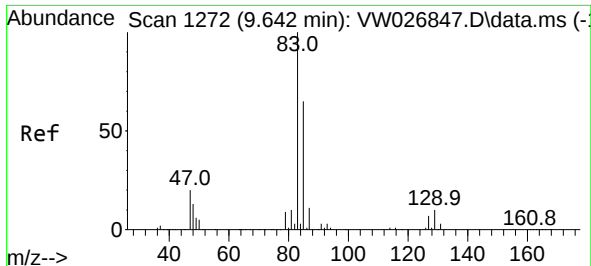
Tgt Ion: 63 Resp: 140356

Ion Ratio Lower Upper

63 100

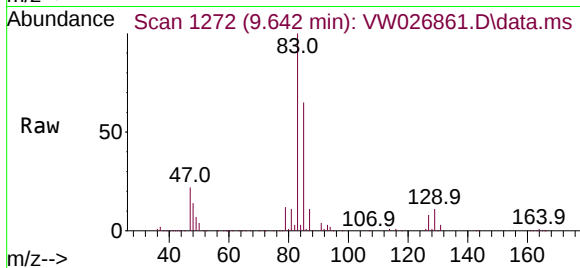
112 4.9 3.1 4.7#



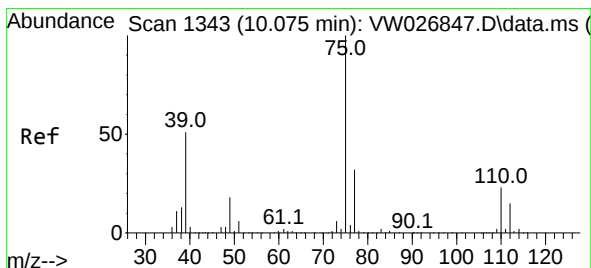
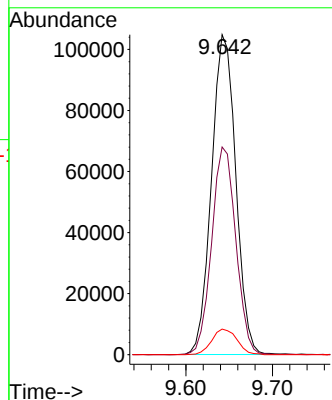
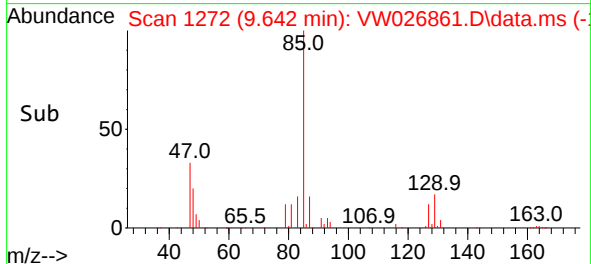


#38
Bromodichloromethane
Concen: 26.503 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Instrument :
MSVOA_W
ClientSampleId :

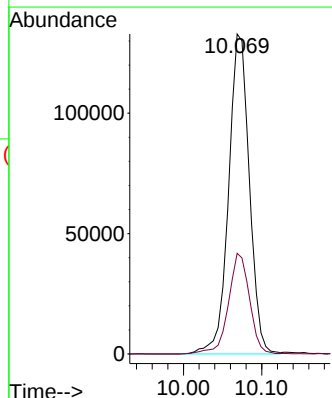
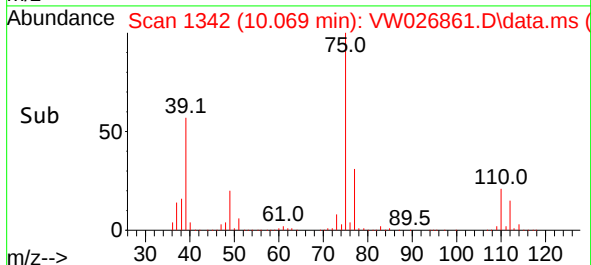
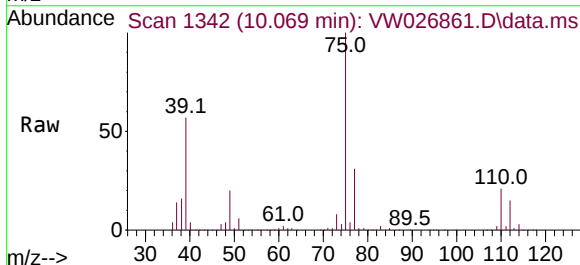


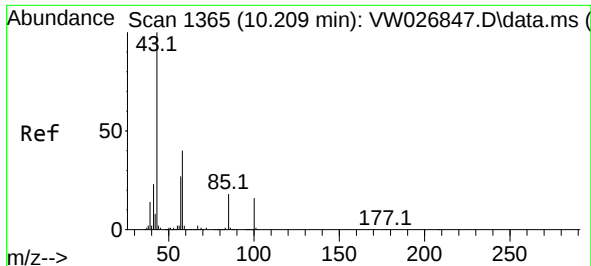
Tgt Ion: 83 Resp: 203870
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2
127 8.0 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 25.929 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion: 75 Resp: 244596
Ion Ratio Lower Upper
75 100
77 31.5 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 42.906 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

Instrument :

MSVOA_W

ClientSampleId :

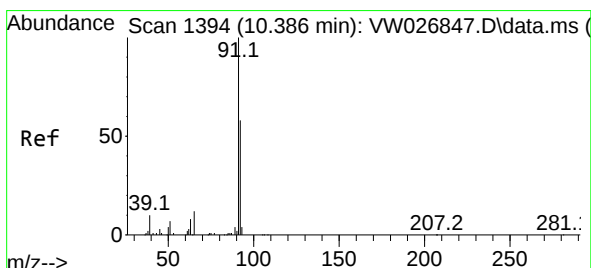
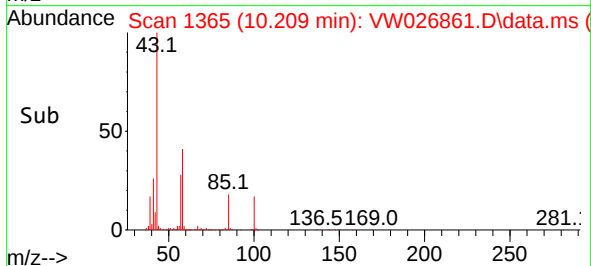
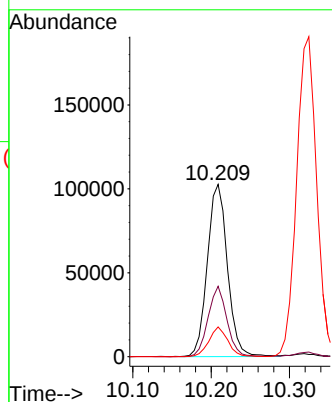
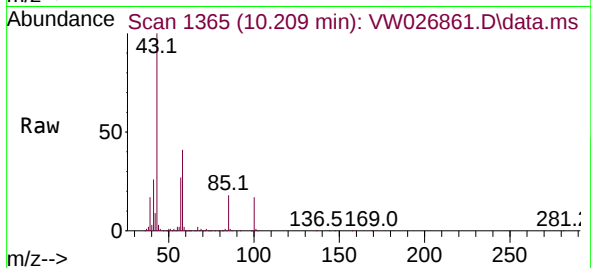
Tgt Ion: 43 Resp: 183007

Ion Ratio Lower Upper

43 100

58 38.4 29.2 43.8

100 16.3 10.7 16.1#



#42

Toluene

Concen: 25.169 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026861.D

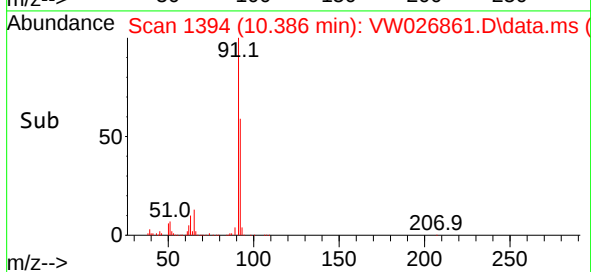
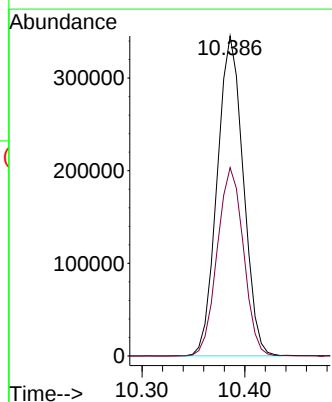
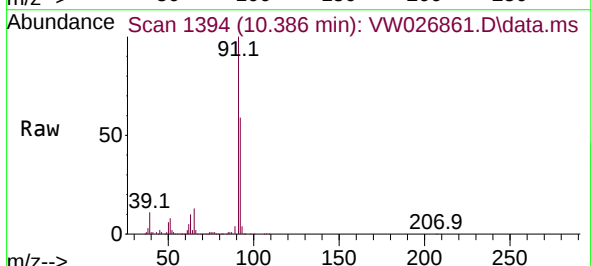
Acq: 24 Aug 2023 18:26

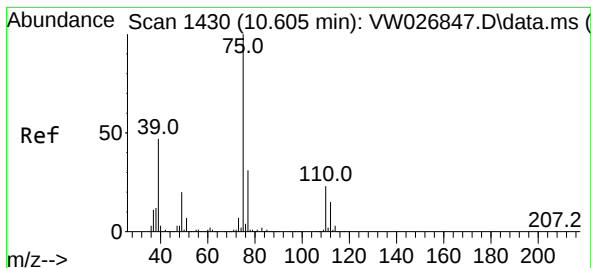
Tgt Ion: 91 Resp: 609521

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8

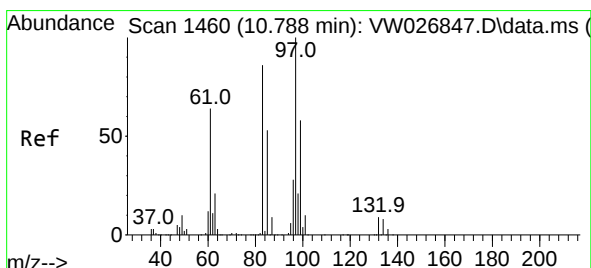
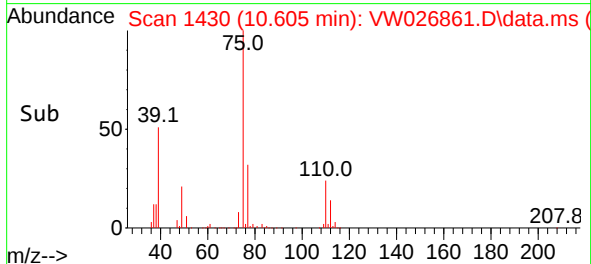
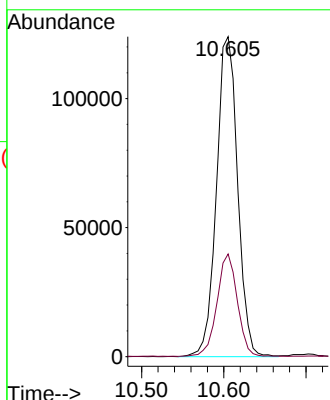
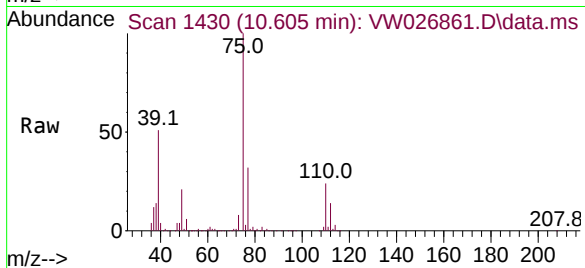




#44
trans-1,3-Dichloropropene
Concen: 27.344 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

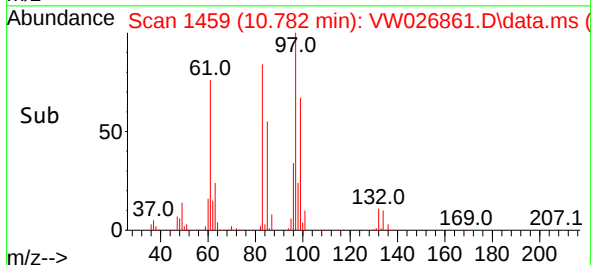
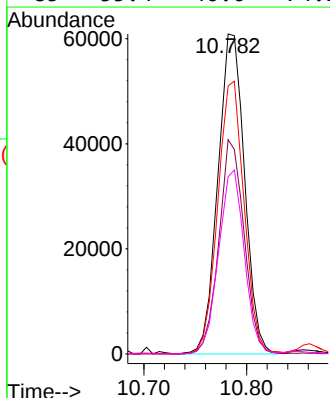
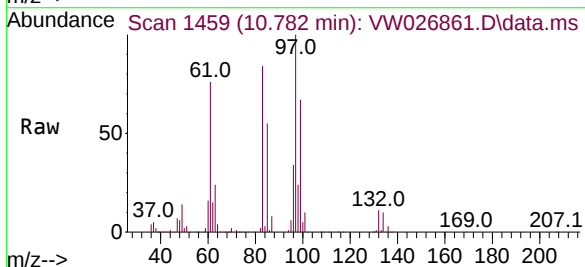
Instrument :
MSVOA_W
ClientSampleId :

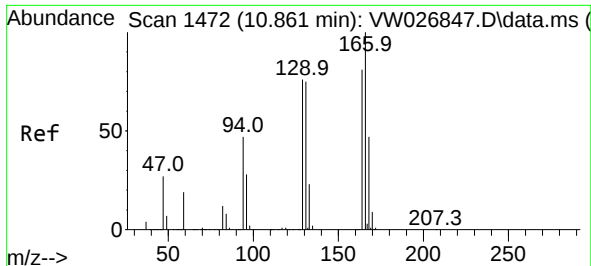
Tgt Ion: 75 Resp: 222017
Ion Ratio Lower Upper
75 100
77 32.1 21.2 39.4



#45
1,1,2-Trichloroethane
Concen: 24.519 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

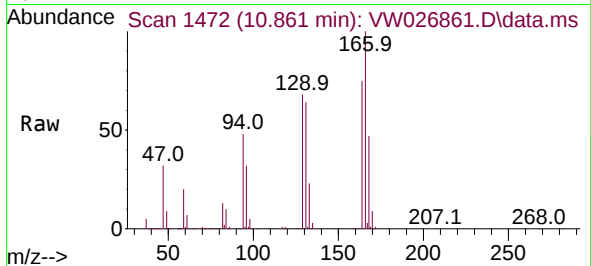
Tgt Ion: 97 Resp: 109955
Ion Ratio Lower Upper
97 100
99 67.0 44.2 82.0
83 83.8 61.9 114.9
85 55.4 40.0 74.2



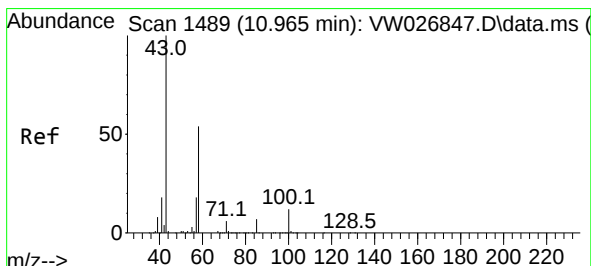
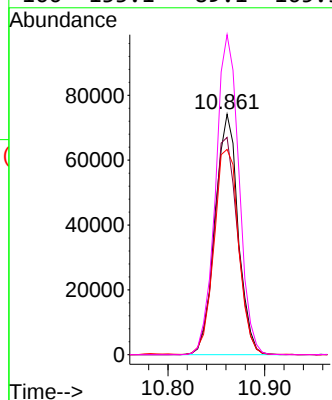
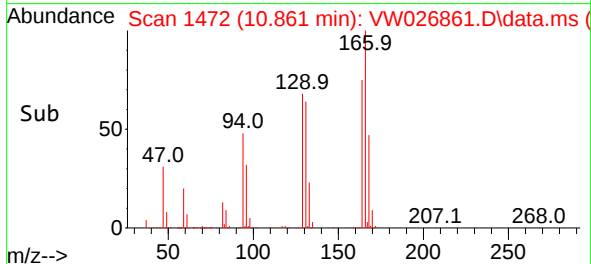


#46
Tetrachloroethene
Concen: 27.842 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

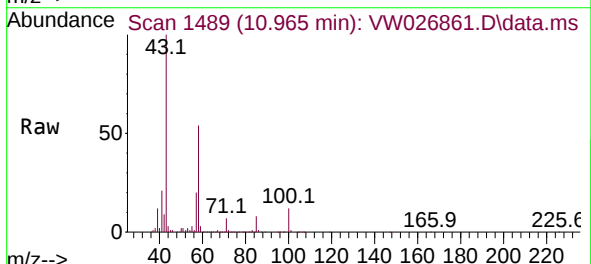
Instrument :
MSVOA_W
ClientSampleId :



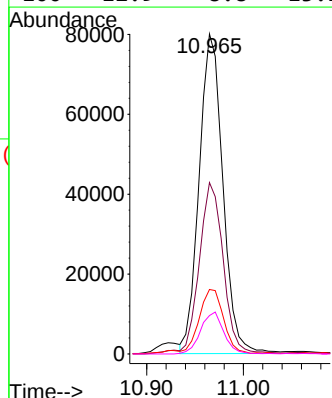
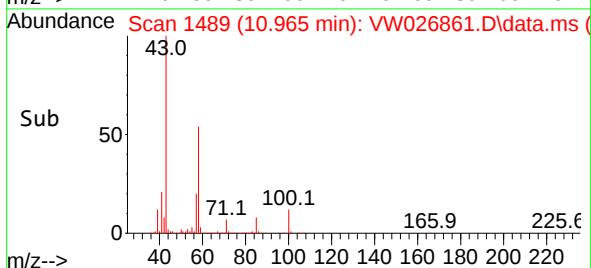
Tgt Ion:164 Resp: 123328
Ion Ratio Lower Upper
164 100
129 90.4 68.1 126.5
131 85.4 65.5 121.7
166 133.1 89.1 165.5

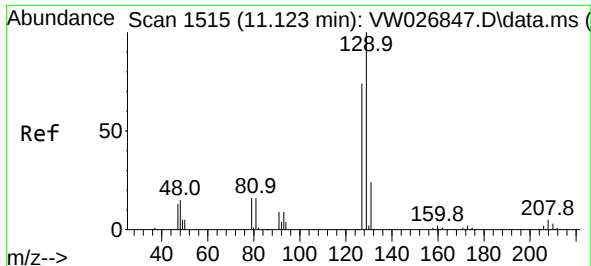


#48
2-Hexanone
Concen: 47.157 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26



Tgt Ion: 43 Resp: 136864
Ion Ratio Lower Upper
43 100
58 53.7 41.1 61.7
57 20.7 14.3 21.5
100 12.9 8.8 13.2





#49

Dibromochloromethane

Concen: 28.082 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

Instrument :

MSVOA_W

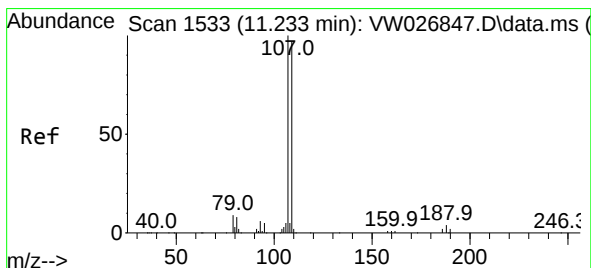
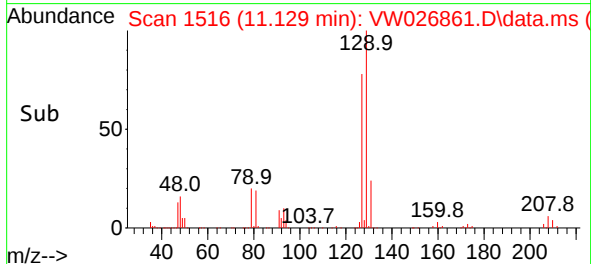
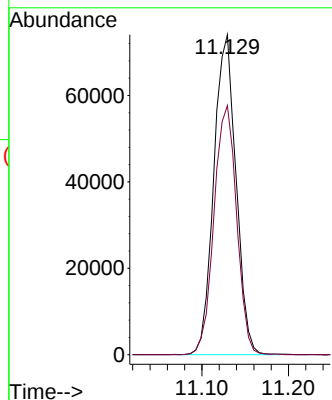
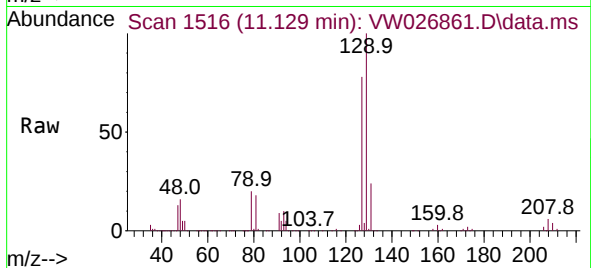
ClientSampleId :

Tgt Ion:129 Resp: 131718

Ion Ratio Lower Upper

129 100

127 77.9 56.6 105.2



#50

1,2-Dibromoethane

Concen: 24.730 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

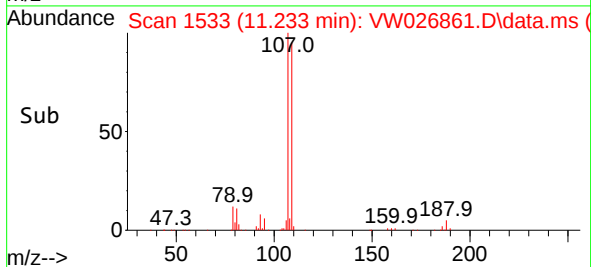
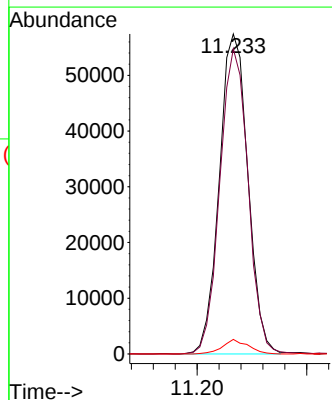
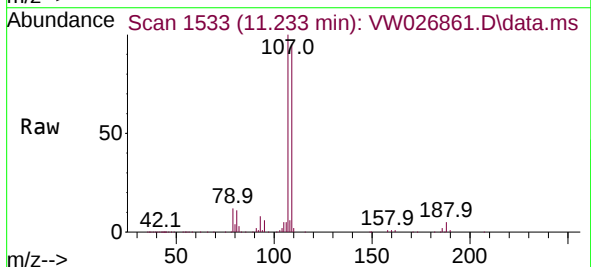
Tgt Ion:107 Resp: 104059

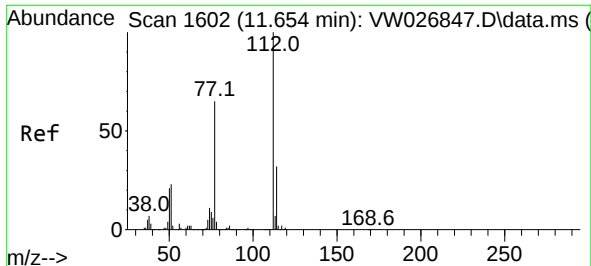
Ion Ratio Lower Upper

107 100

109 95.4 68.8 127.8

188 4.6 2.7 4.1#

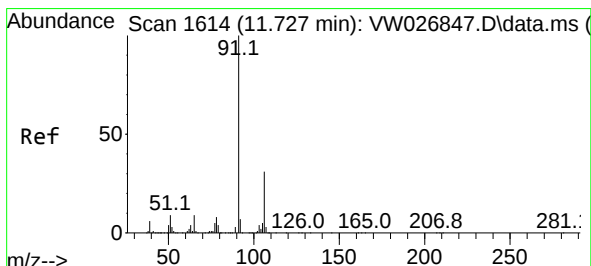
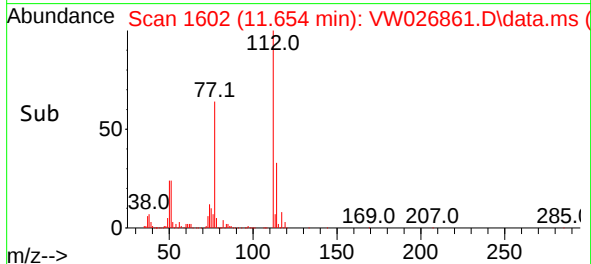
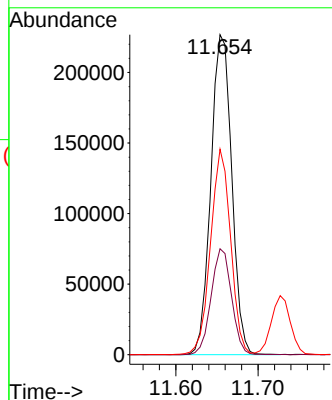
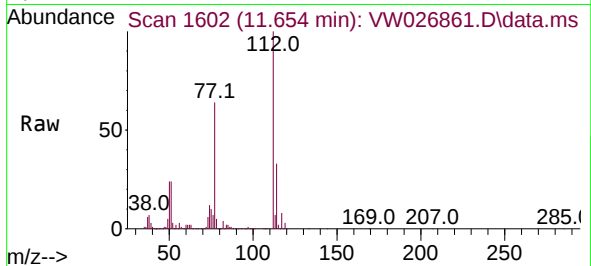




#51
Chlorobenzene
Concen: 26.162 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

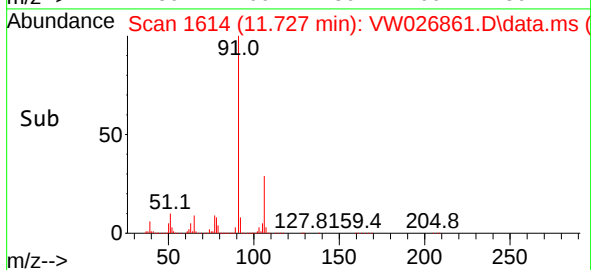
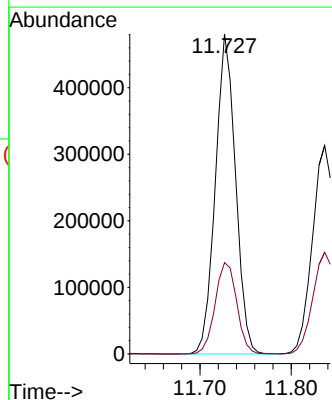
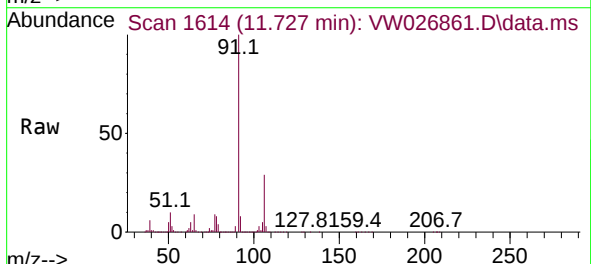
Instrument :
MSVOA_W
ClientSampleId :

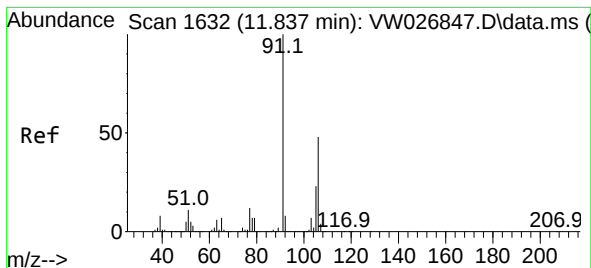
Tgt Ion:112 Resp: 400209
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 64.2 50.2 75.2



#52
Ethylbenzene
Concen: 27.128 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion: 91 Resp: 736714
Ion Ratio Lower Upper
91 100
106 28.6 20.2 37.6

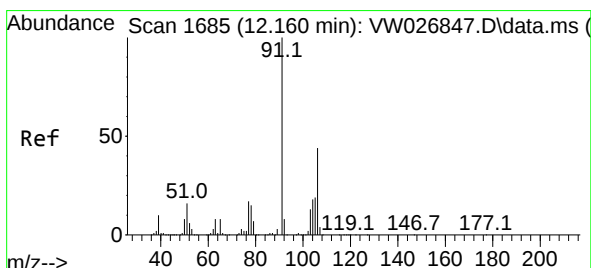
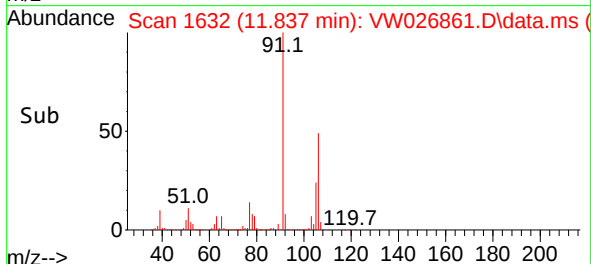
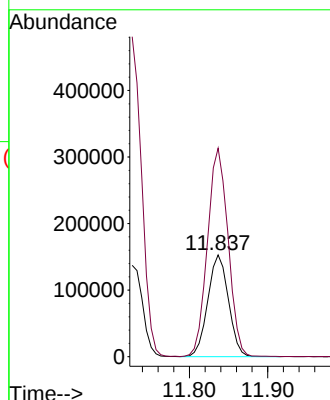
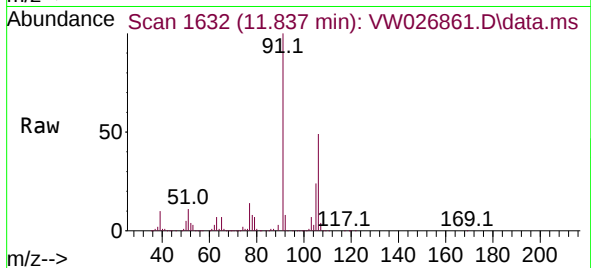




#53
m,p-Xylene
Concen: 27.778 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

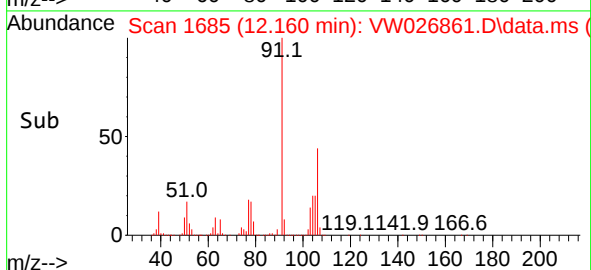
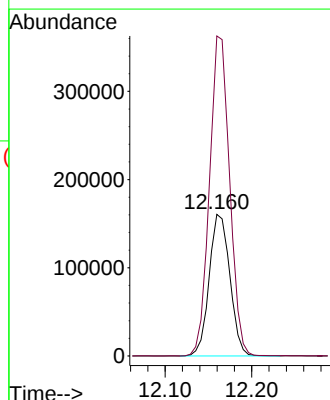
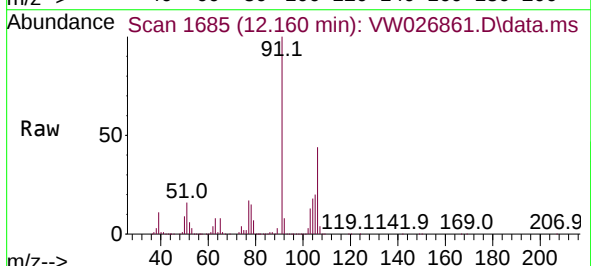
Instrument :
MSVOA_W
ClientSampleId :

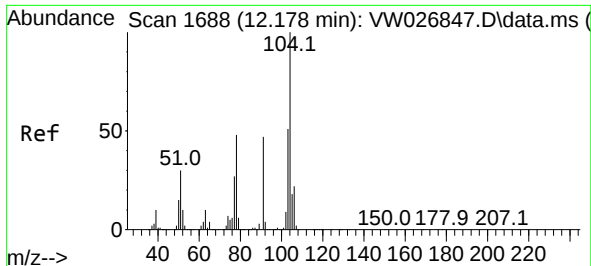
Tgt Ion:106 Resp: 279470
Ion Ratio Lower Upper
106 100
91 204.9 152.9 284.1



#54
o-Xylene
Concen: 28.377 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion:106 Resp: 266452
Ion Ratio Lower Upper
106 100
91 225.9 149.9 278.3

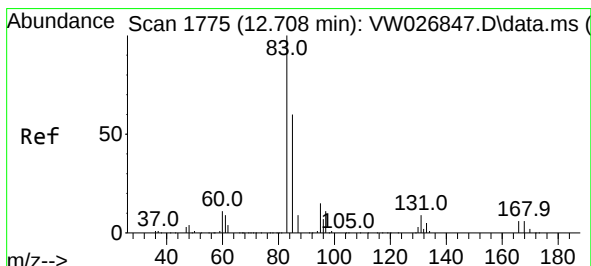
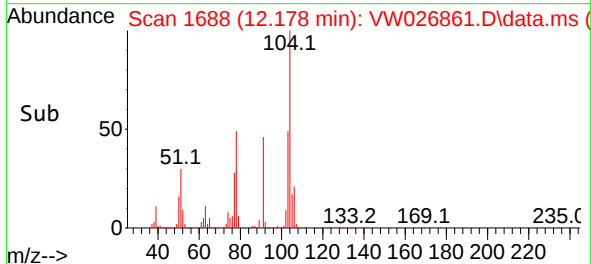
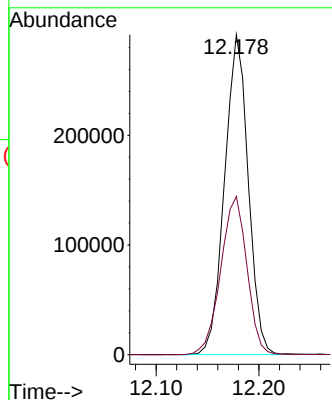
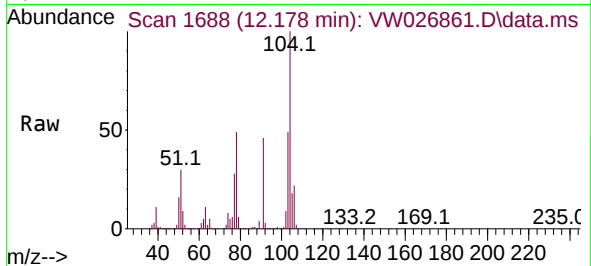




#55
Styrene
Concen: 28.516 ug/L
RT: 12.178 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

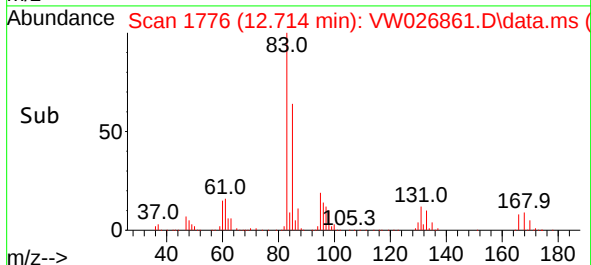
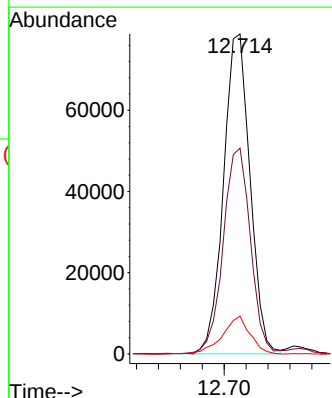
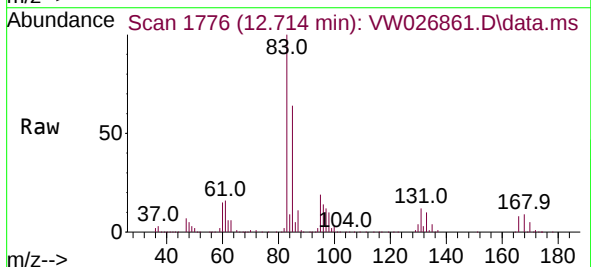
Instrument :
MSVOA_W
ClientSampleId :

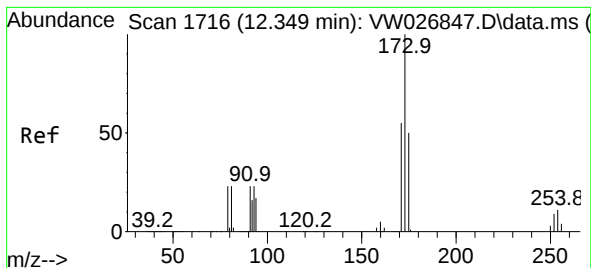
Tgt Ion:104 Resp: 465553
Ion Ratio Lower Upper
104 100
78 49.4 33.0 61.2



#57
1,1,2,2-Tetrachloroethane
Concen: 23.285 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion: 83 Resp: 132250
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
131 11.8 7.4 11.0#





#59

Bromoform

Concen: 27.005 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026861.D

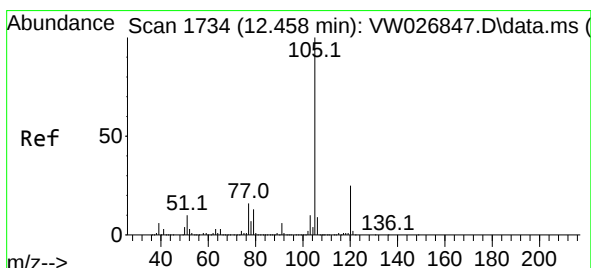
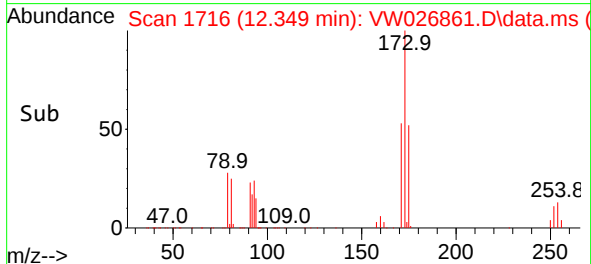
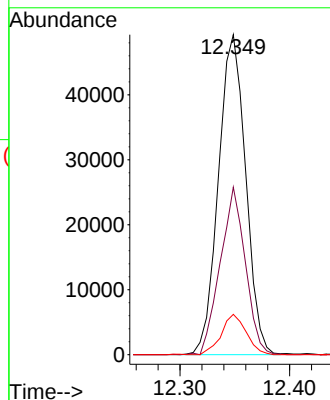
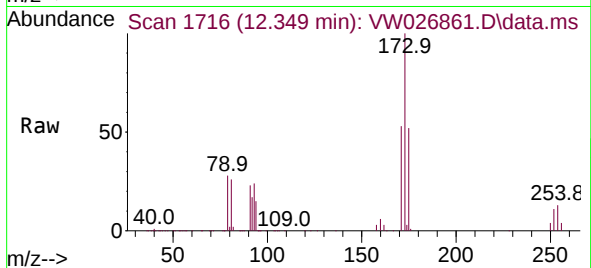
Acq: 24 Aug 2023 18:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	84999
Ion Ratio	Lower	Upper
173	100	
175	48.1	36.6 55.0
254	11.6	7.8 11.6



#60

Isopropylbenzene

Concen: 25.105 ug/L

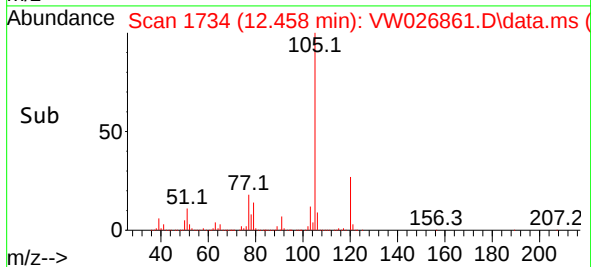
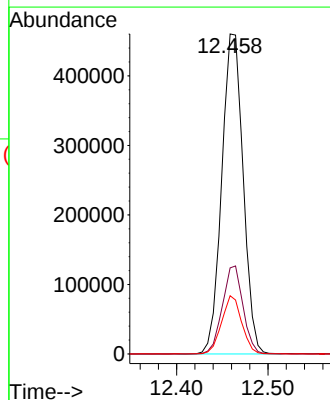
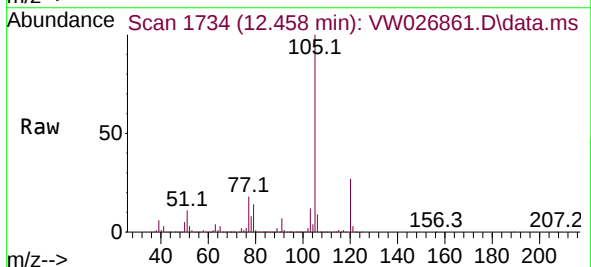
RT: 12.458 min Scan# 1734

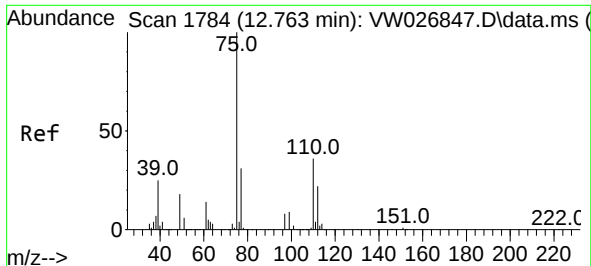
Delta R.T. 0.000 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

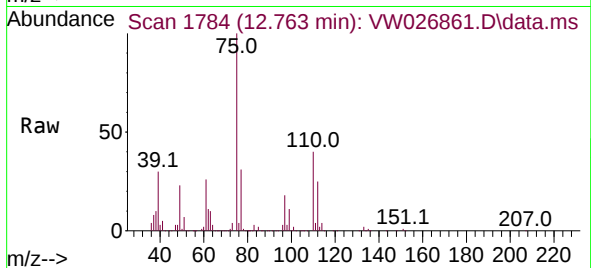
Tgt Ion:105	Resp:	749975
Ion Ratio	Lower	Upper
105	100	
120	26.5	21.0 31.6
77	17.1	13.4 20.2



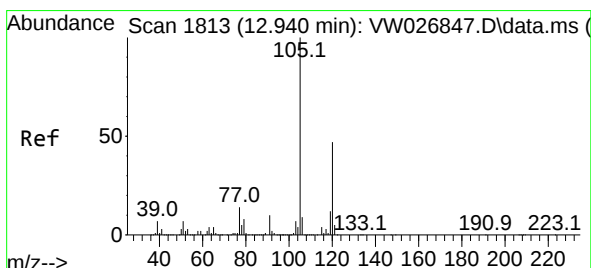
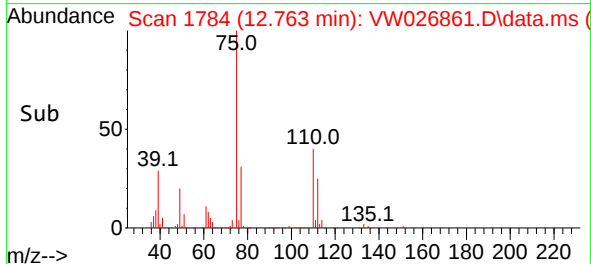
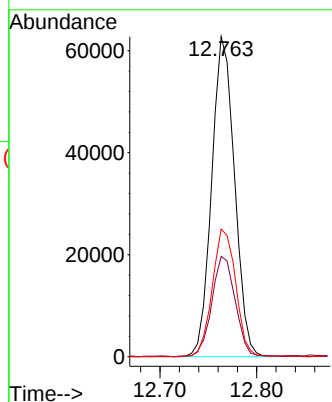


#61
1,2,3-Trichloropropane
Concen: 21.120 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Instrument :
MSVOA_W
ClientSampleId :

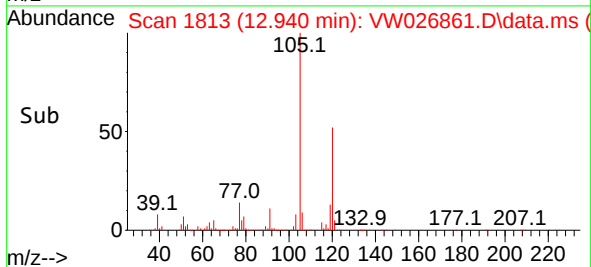
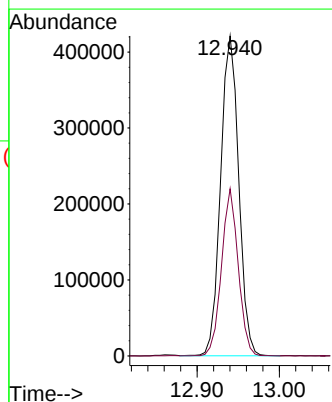
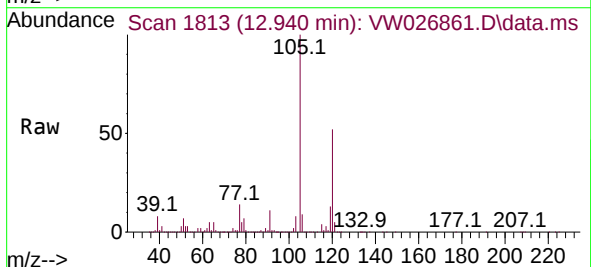


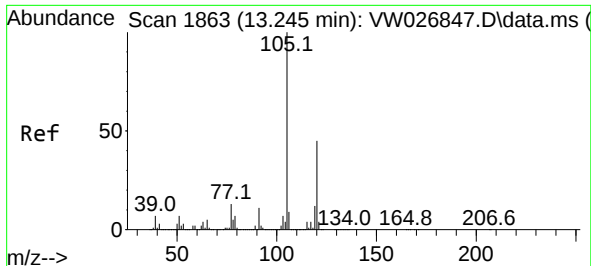
Tgt Ion: 75 Resp: 102936
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 40.8 29.9 44.9



#62
1,3,5-Trimethylbenzene
Concen: 27.280 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion: 105 Resp: 644153
Ion Ratio Lower Upper
105 100
120 48.1 37.4 56.2

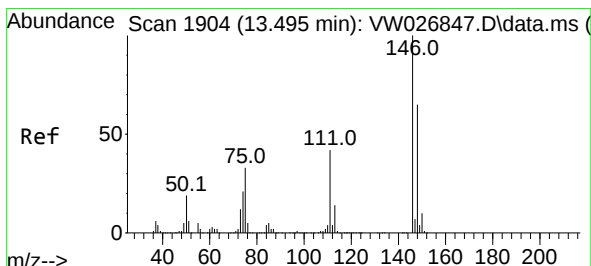
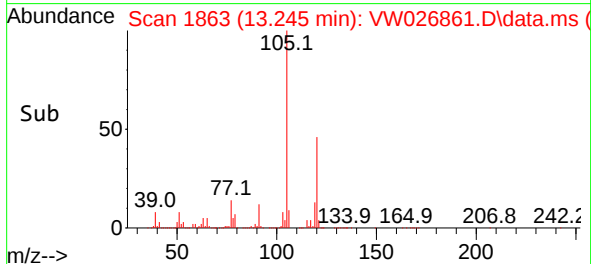
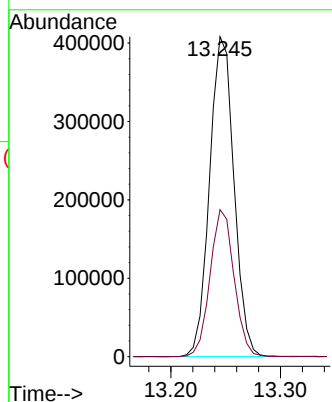
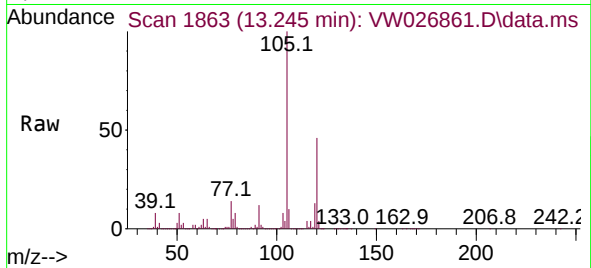




#63
1,2,4-Trimethylbenzene
Concen: 27.244 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

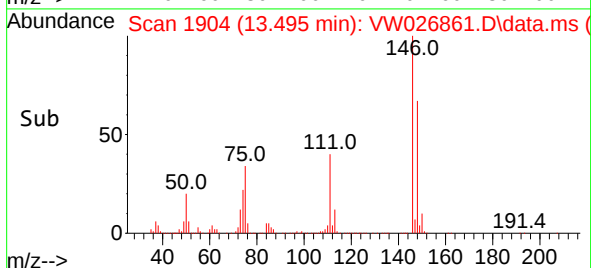
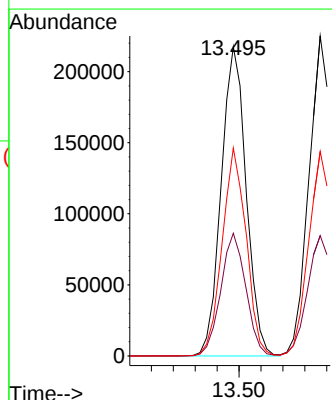
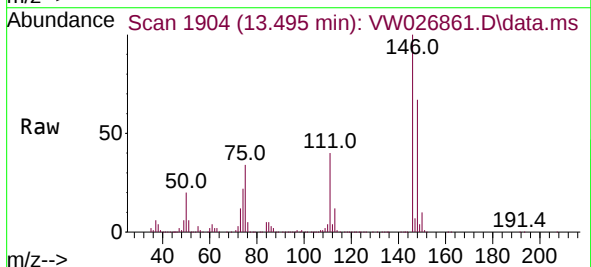
Instrument :
MSVOA_W
ClientSampleId :

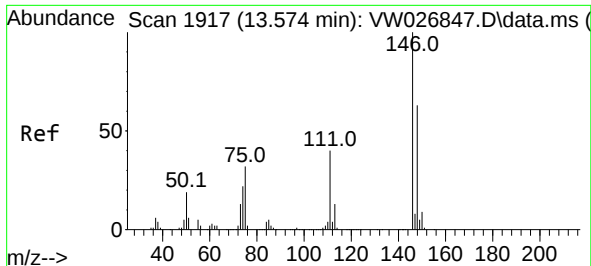
Tgt Ion:105 Resp: 630389
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 26.522 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion:146 Resp: 344575
Ion Ratio Lower Upper
146 100
111 39.7 29.1 54.1
148 67.3 38.8 72.0

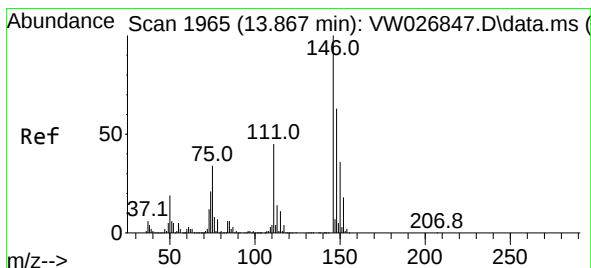
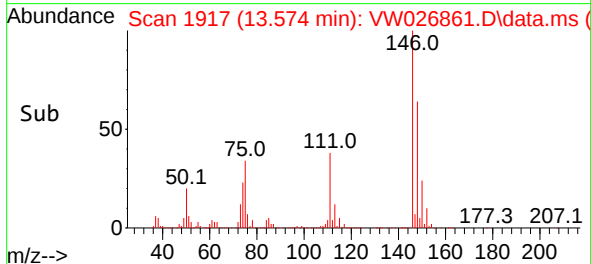
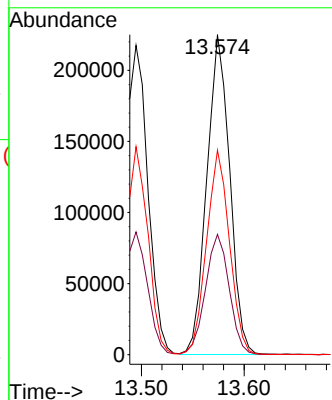
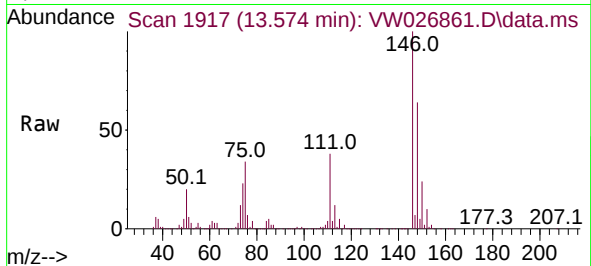




#65
1,4-Dichlorobenzene
Concen: 25.742 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

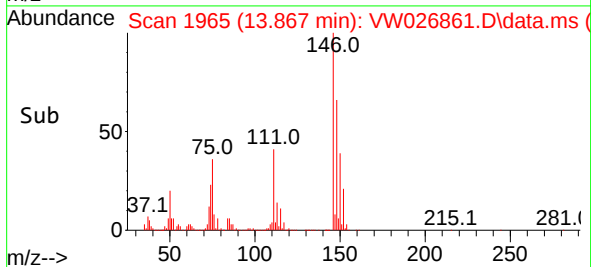
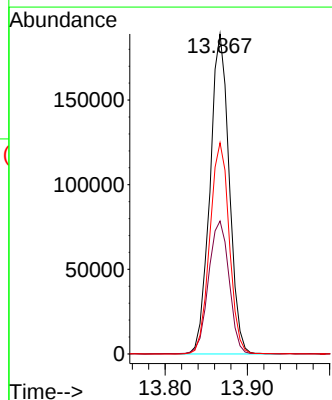
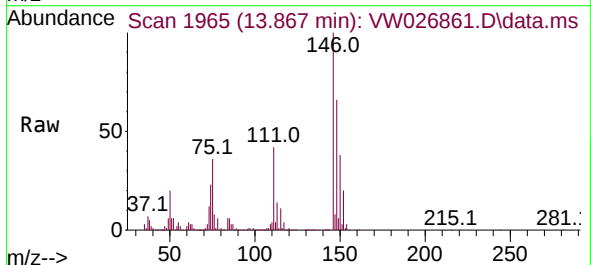
Instrument :
MSVOA_W
ClientSampleId :

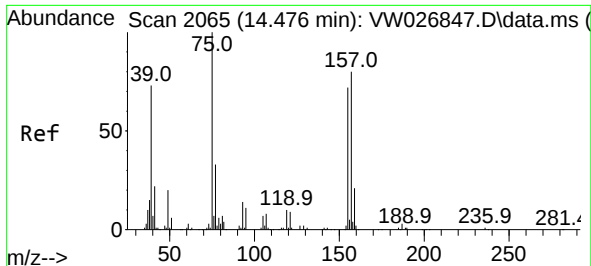
Tgt Ion:146 Resp: 349022
Ion Ratio Lower Upper
146 100
111 37.6 28.3 52.7
148 63.9 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 25.971 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026861.D
Acq: 24 Aug 2023 18:26

Tgt Ion:146 Resp: 306833
Ion Ratio Lower Upper
146 100
111 41.5 34.6 52.0
148 66.0 53.4 80.0





#68

1,2-Dibromo-3-chloropropane

Concen: 22.887 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

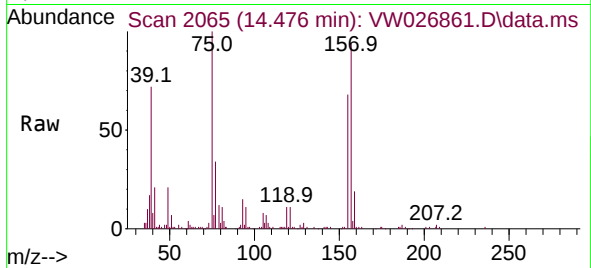
Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

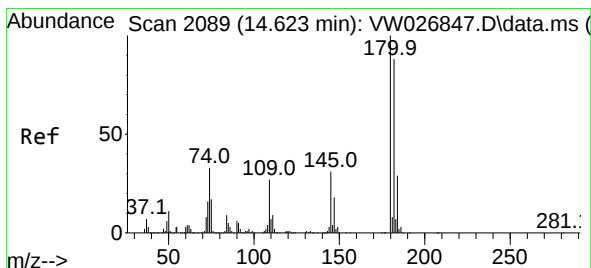
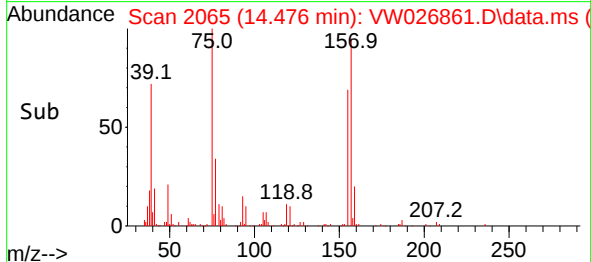
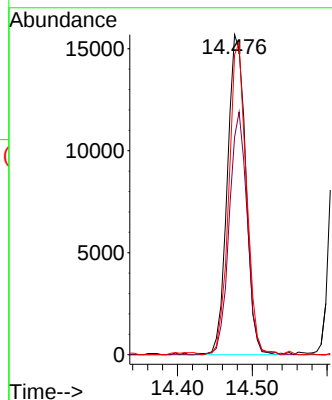
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75	Resp: 26892
Ion Ratio	Lower Upper
75	100
155	68.1 55.0 82.6
157	93.8 77.8 116.6



#69

1,3,5-Trichlorobenzene

Concen: 28.311 ug/L

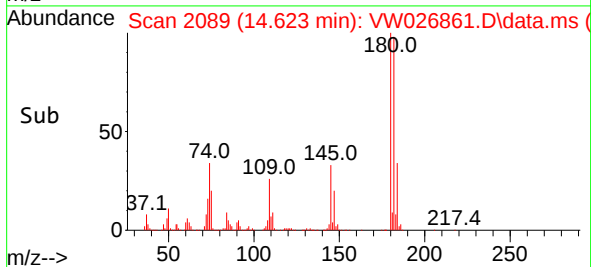
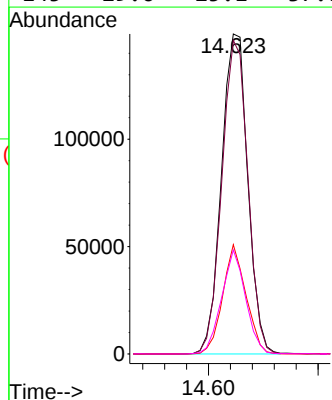
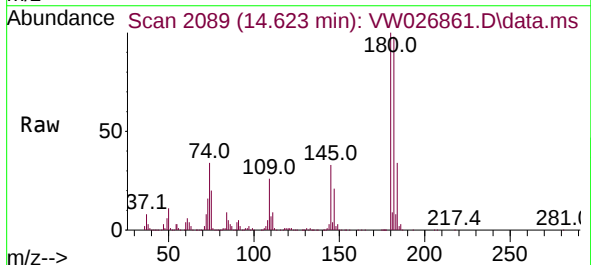
RT: 14.623 min Scan# 2089

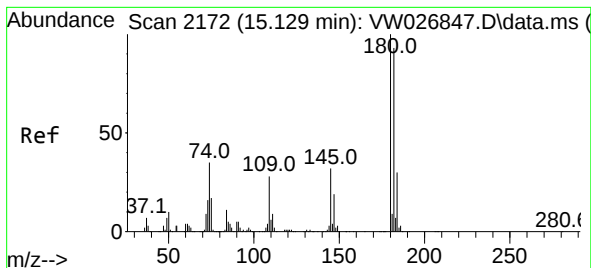
Delta R.T. -0.000 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

Tgt Ion: 180	Resp: 248497
Ion Ratio	Lower Upper
180	100
182	96.7 75.2 112.8
184	30.2 23.8 35.8
145	29.6 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 28.454 ug/L

RT: 15.129 min Scan# 2117

Delta R.T. 0.000 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

Instrument :

MSVOA_W

ClientSampleId :

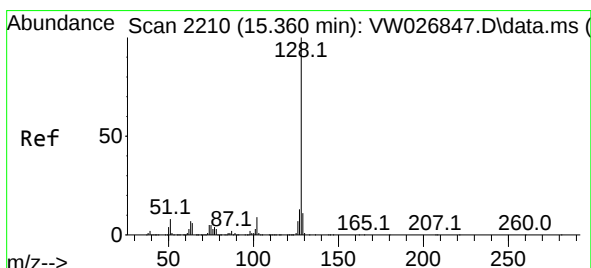
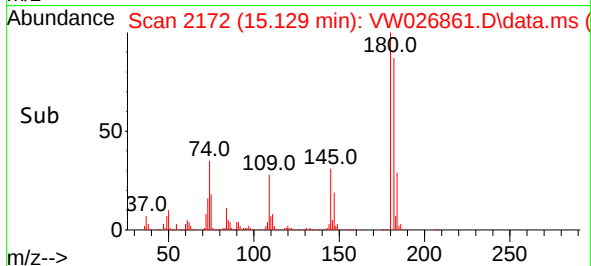
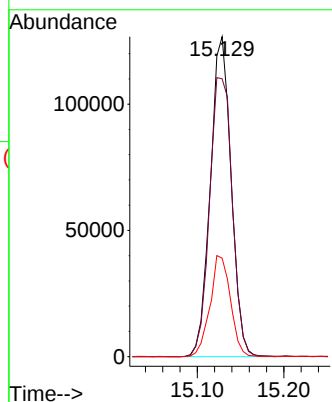
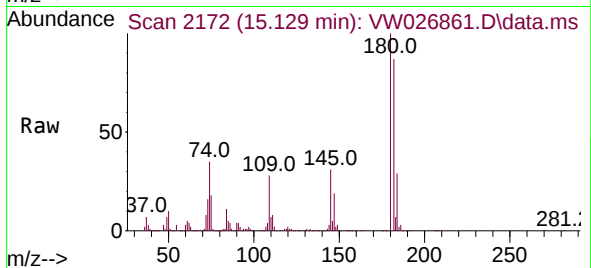
Tgt Ion:180 Resp: 211752

Ion Ratio Lower Upper

180 100

182 94.9 72.5 108.7

145 31.0 24.7 37.1



#71

Naphthalene

Concen: 26.504 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026861.D

Acq: 24 Aug 2023 18:26

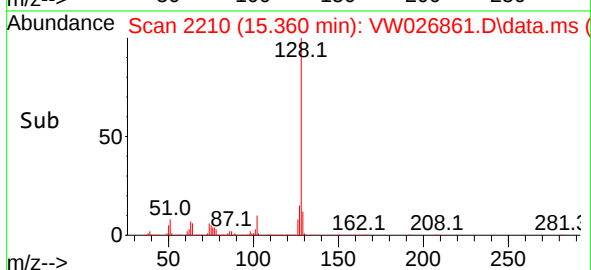
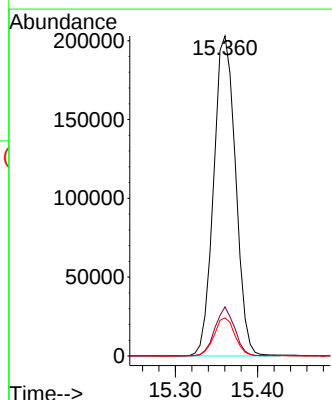
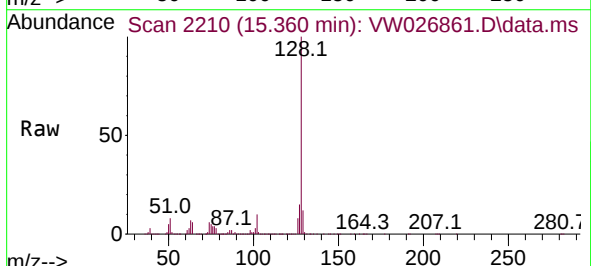
Tgt Ion:128 Resp: 376248

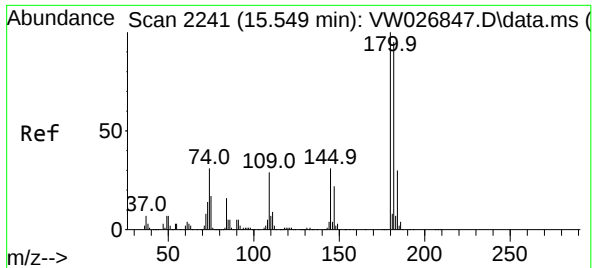
Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.4 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 28.349 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026861.D
 Acq: 24 Aug 2023 18:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	190291
Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.6	112.0
145	32.0	27.0	40.6

