

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025871.D
 Acq On : 08 May 2023 09:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 09 02:55:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	601385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	224953	26.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.600%	
7) Chloroethane-d5	2.899	69	174746	27.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.640%	
11) 1,1-Dichloroethene-d2	4.021	65	107450	25.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.720%	
21) 2-Butanone-d5	7.075	46	121181	43.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.020%	
24) Chloroform-d	7.648	84	454658	26.219	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.880%	
26) 1,2-Dichloroethane-d4	8.301	65	242984	24.779	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.120%	
32) Benzene-d6	8.276	84	916764	25.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.280%	
36) 1,2-Dichloropropane-d6	9.270	67	287268	25.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.160%	
41) Toluene-d8	10.325	98	818699	25.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.440%	
43) trans-1,3-Dichloroprop...	10.575	79	109620	23.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.200%	
47) 2-Hexanone-d5	10.922	63	86797	44.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 89.600%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	206553	23.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 95.400%	
66) 1,2-Dichlorobenzene-d4	13.848	152	234535	24.529	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	168978	25.150	ug/L	94
3) Chloromethane	2.223	50	260539	26.300	ug/L	99
5) Vinyl chloride	2.375	62	281001	27.405	ug/L	99
6) Bromomethane	2.789	94	151652	27.193	ug/L	98
8) Chloroethane	2.936	64	164126	28.150	ug/L	97
9) Trichlorofluoromethane	3.265	101	203231	26.263	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	231639	27.524	ug/L	98
12) 1,1-Dichloroethene	4.045	96	211353	26.278	ug/L	95
13) Acetone	4.119	43	116800	46.756	ug/L	99
14) Carbon disulfide	4.387	76	699960	25.734	ug/L	99
15) Methyl Acetate	4.673	43	106949	21.725	ug/L	100
16) Methylene chloride	4.917	84	238251	19.210	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	228203	26.008	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	316577	23.772	ug/L	100
19) 1,1-Dichloroethane	6.222	63	472166	26.192	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	240779	25.578	ug/L	98
22) 2-Butanone	7.173	43	152357	44.169	ug/L	99
23) Bromochloromethane	7.514	128	99578	24.970	ug/L	97
25) Chloroform	7.673	83	435961	26.312	ug/L	100

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 Response via : Initial Calibration

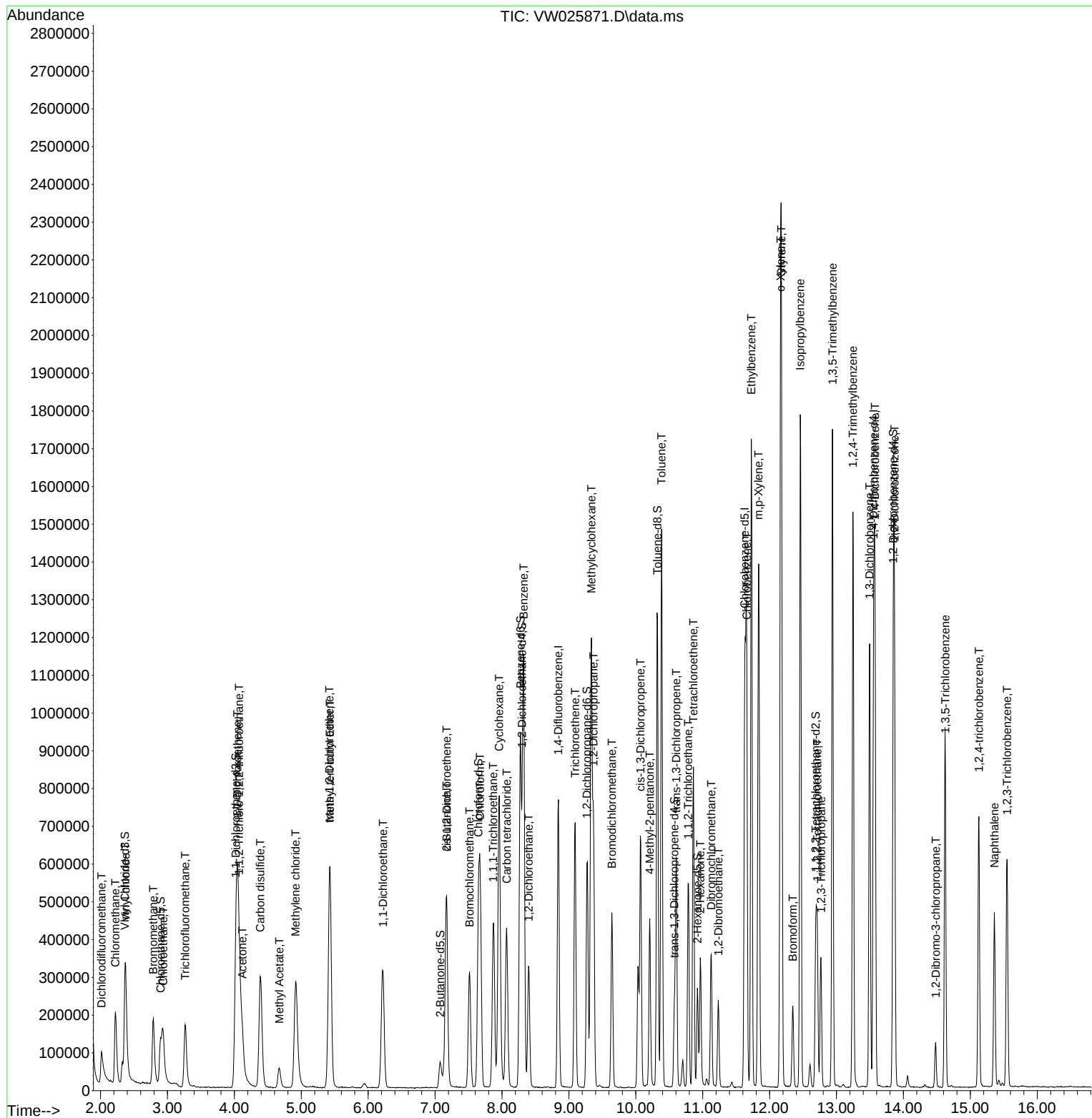
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	289691	24.619	ug/L	98
29) Cyclohexane	7.959	56	444562	26.399	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	347952	26.182	ug/L	99
31) Carbon tetrachloride	8.069	117	316550	26.468	ug/L	99
33) Benzene	8.325	78	984943	26.198	ug/L	100
34) Trichloroethene	9.093	95	248252	25.733	ug/L	99
35) Methylcyclohexane	9.337	83	447677	26.091	ug/L	99
37) 1,2-Dichloropropane	9.368	63	266147	25.839	ug/L	100
38) Bromodichloromethane	9.642	83	299975	25.384	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	375677	24.871	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	301889	45.027	ug/L	99
42) Toluene	10.386	91	1019592	26.542	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	313952	25.084	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	169264	24.566	ug/L	97
46) Tetrachloroethene	10.861	164	182373	26.871	ug/L	92
48) 2-Hexanone	10.965	43	222297	46.282	ug/L	99
49) Dibromochloromethane	11.129	129	182047	25.521	ug/L	100
50) 1,2-Dibromoethane	11.233	107	149683	23.565	ug/L	97
51) Chlorobenzene	11.660	112	603896	25.376	ug/L	95
52) Ethylbenzene	11.727	91	1144326	26.482	ug/L	100
53) m,p-Xylene	11.837	106	422993	26.597	ug/L	97
54) o-Xylene	12.166	106	388602	25.923	ug/L	97
55) Styrene	12.178	104	697363	27.180	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	203709	23.694	ug/L	97
59) Bromoform	12.349	173	93243	24.000	ug/L	98
60) Isopropylbenzene	12.458	105	1089943	27.338	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	146546	23.641	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	856772	27.132	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	780229	26.775	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	437638	25.499	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	454960	26.238	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	392593	25.649	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	31455	21.883	ug/L	93
69) 1,3,5-Trichlorobenzene	14.629	180	262983	23.084	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	214677	22.493	ug/L	98
71) Naphthalene	15.360	128	363565	20.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	192364	22.715	ug/L	98

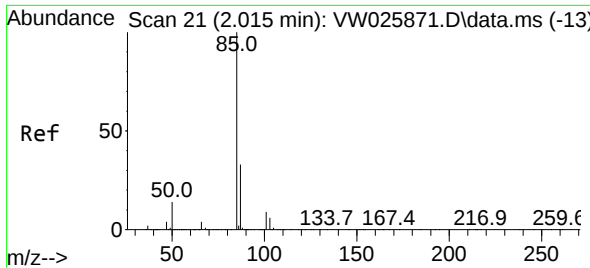
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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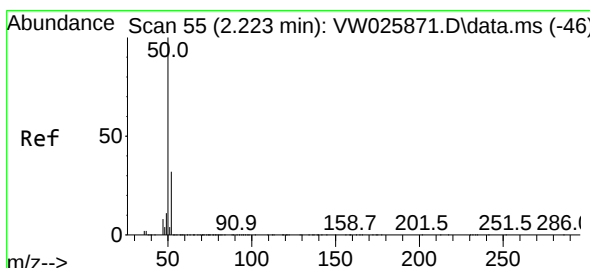
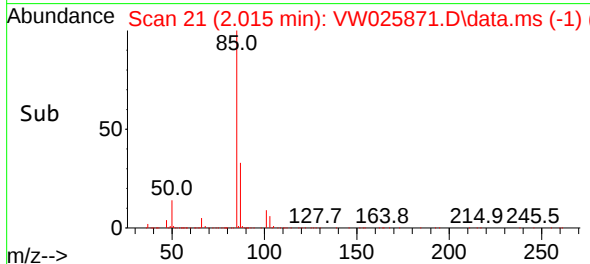
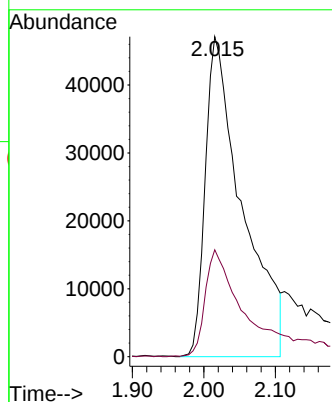
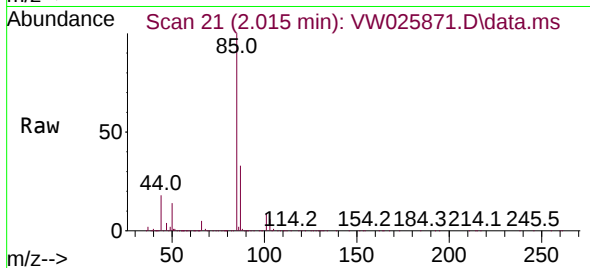




#2
Dichlorodifluoromethane
Concen: 25.150 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

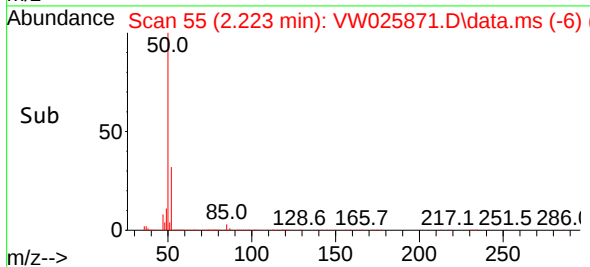
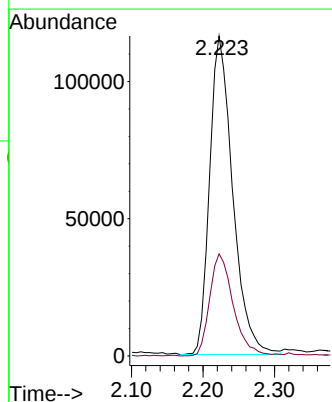
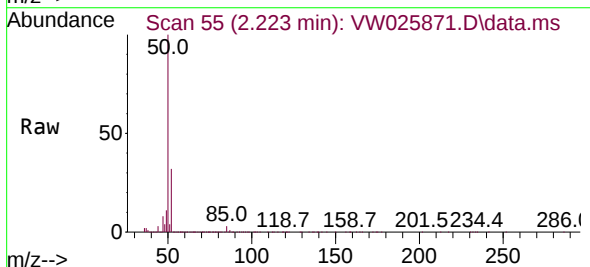
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MSVOA_W
ClientSampleId :

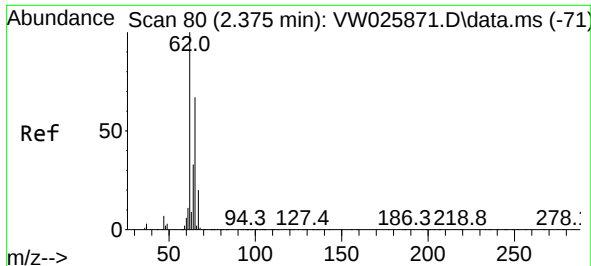
Tgt Ion: 85 Resp: 168978
Ion Ratio Lower Upper
85 100
87 34.0 24.7 37.1



#3
Chloromethane
Concen: 26.300 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion: 50 Resp: 260539
Ion Ratio Lower Upper
50 100
52 31.9 22.1 41.1

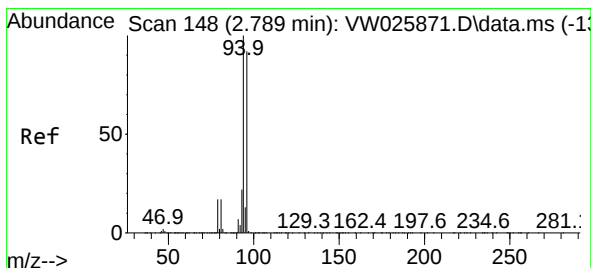
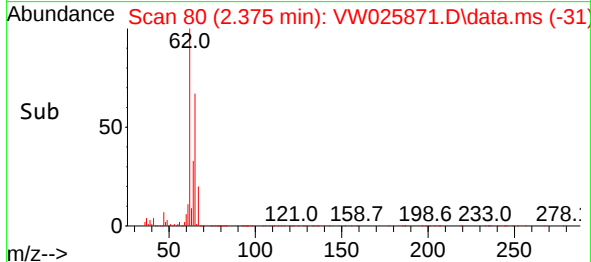
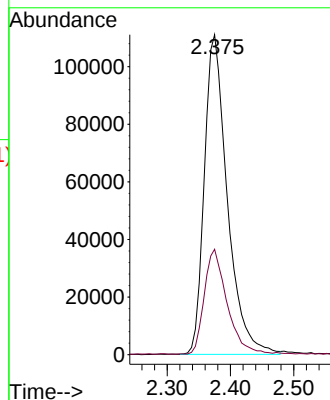
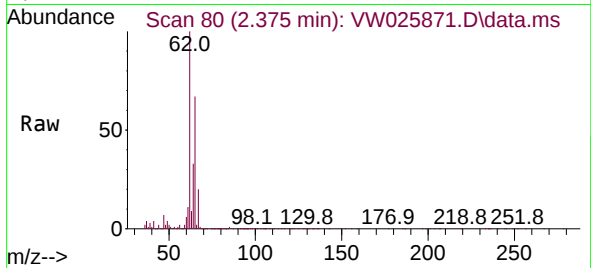




#5
 Vinyl chloride
 Concen: 27.405 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025871.D
 Acq: 08 May 2023 09:24

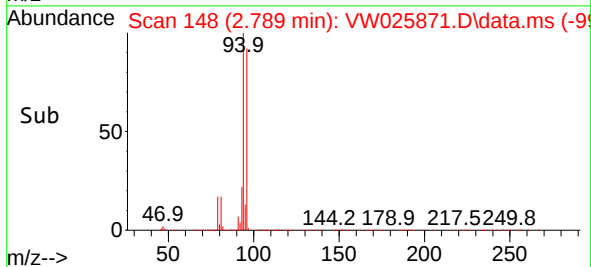
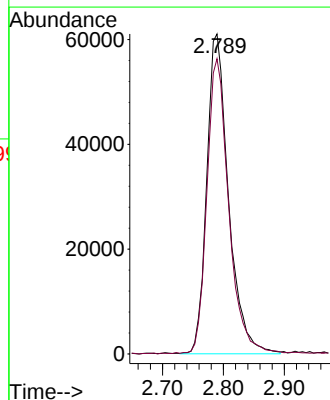
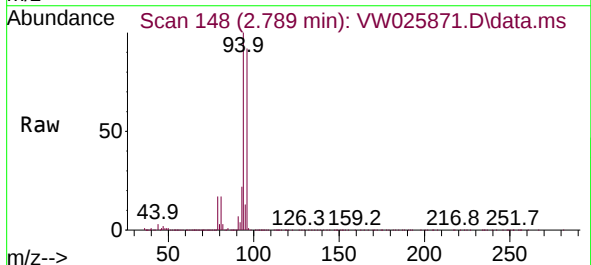
Instrument :
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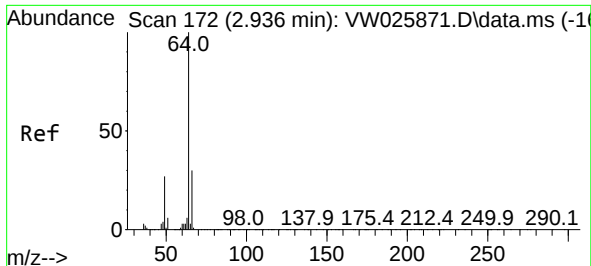
Tgt Ion: 62 Resp: 281001
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.3



#6
 Bromomethane
 Concen: 27.193 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025871.D
 Acq: 08 May 2023 09:24

Tgt Ion: 94 Resp: 151652
 Ion Ratio Lower Upper
 94 100
 96 92.3 63.1 117.1

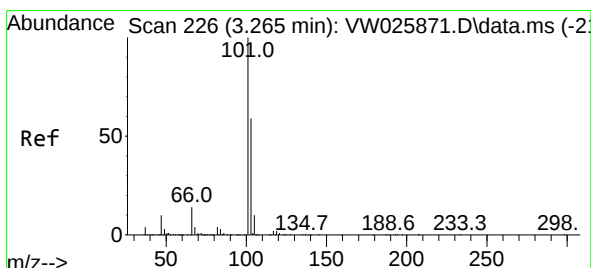
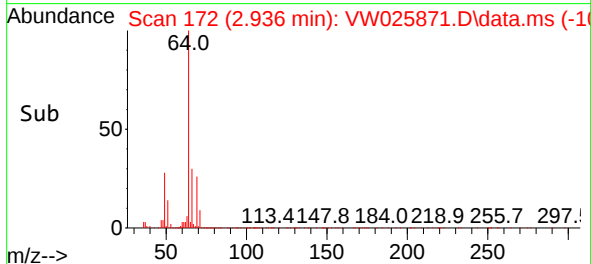
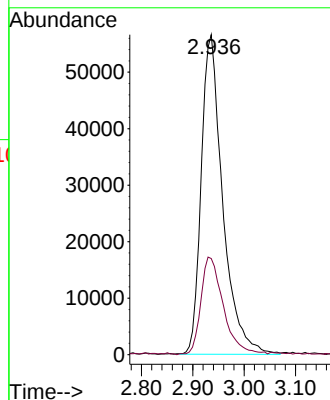
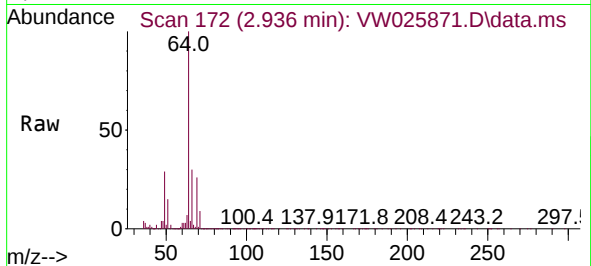




#8
Chloroethane
Concen: 28.150 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

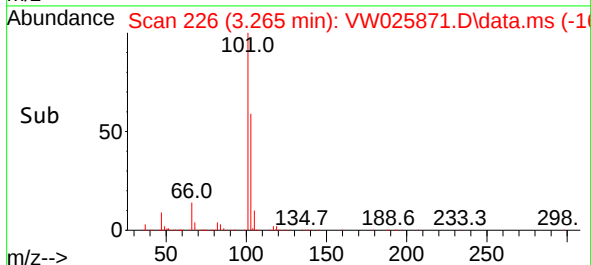
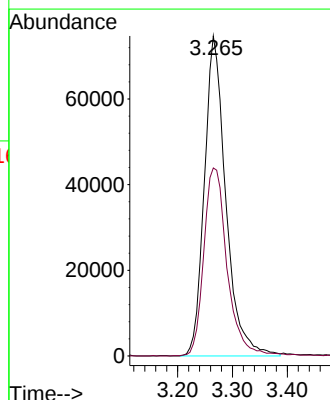
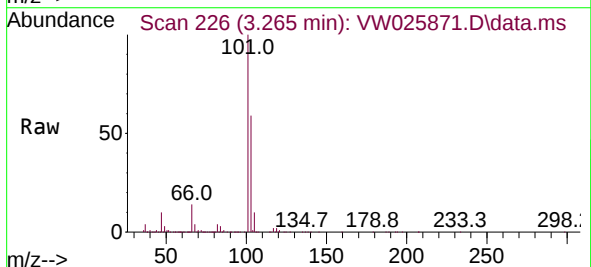
Instrument :
MSVOA_W
ClientSampleId :

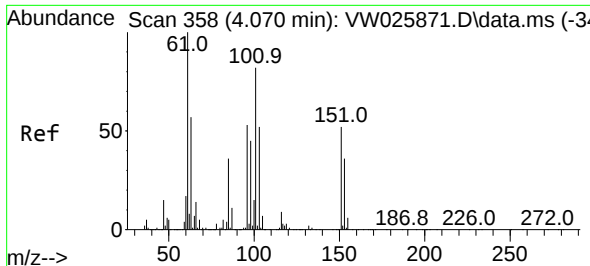
Tgt Ion: 64 Resp: 164126
Ion Ratio Lower Upper
64 100
66 30.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 26.263 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion: 101 Resp: 203231
Ion Ratio Lower Upper
101 100
103 62.8 50.6 76.0

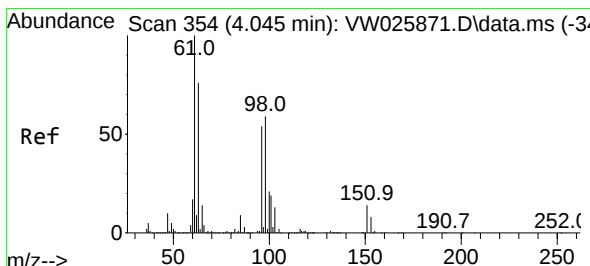
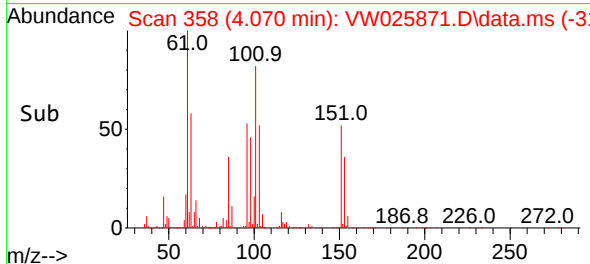
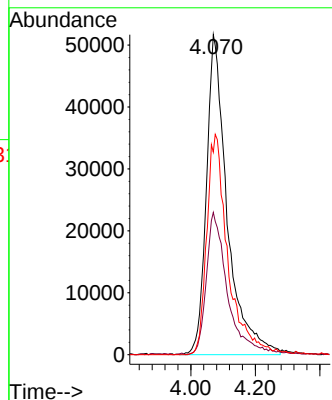
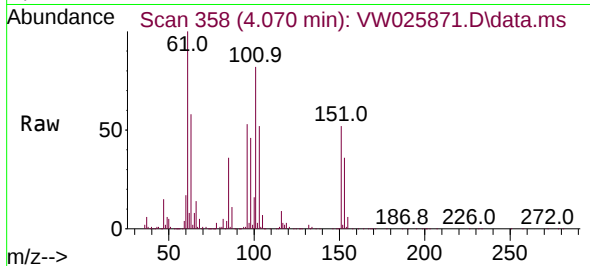




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.524 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW025871.D
 Acq: 08 May 2023 09:24

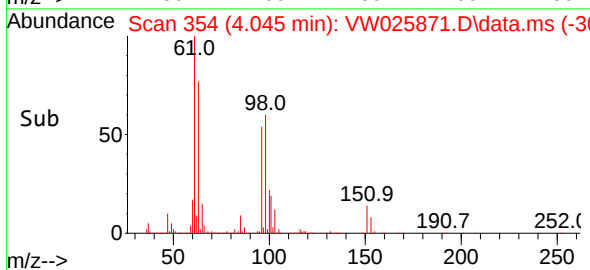
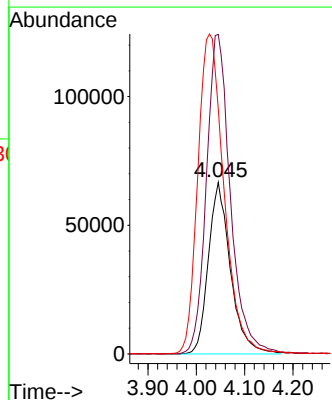
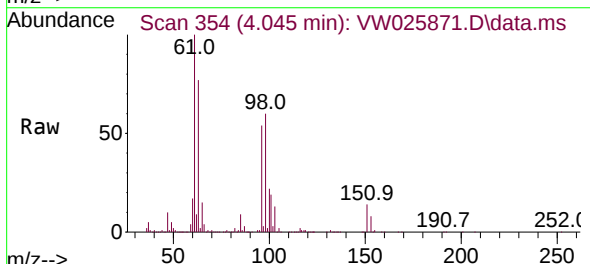
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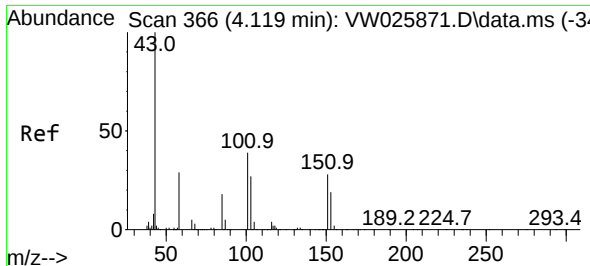
Tgt Ion:101 Resp: 231639
 Ion Ratio Lower Upper
 101 100
 85 41.0 33.9 50.9
 151 69.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.278 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025871.D
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Tgt Ion: 96 Resp: 211353
 Ion Ratio Lower Upper
 96 100
 61 186.2 135.0 250.8
 63 142.9 104.9 194.7

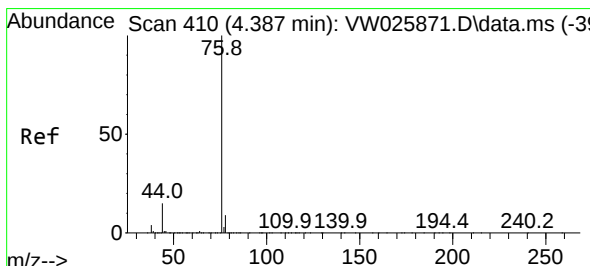
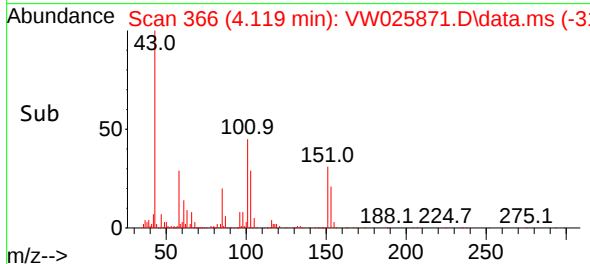
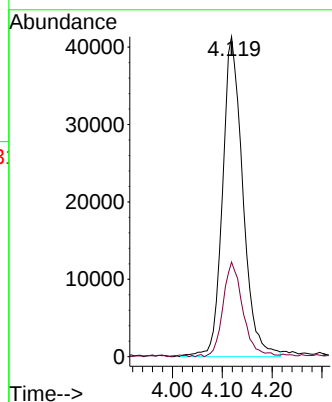
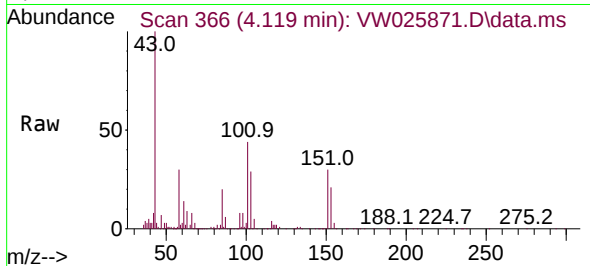




#13
Acetone
Concen: 46.756 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
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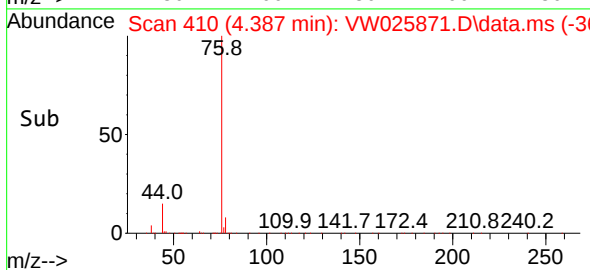
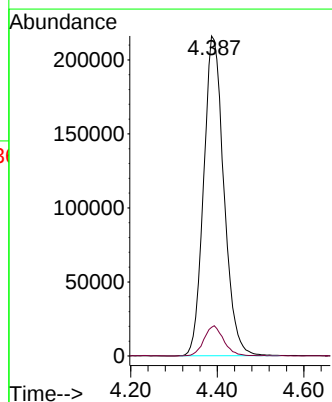
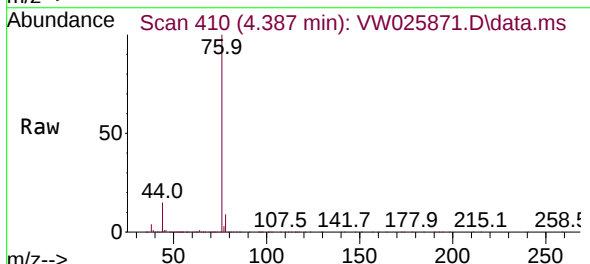
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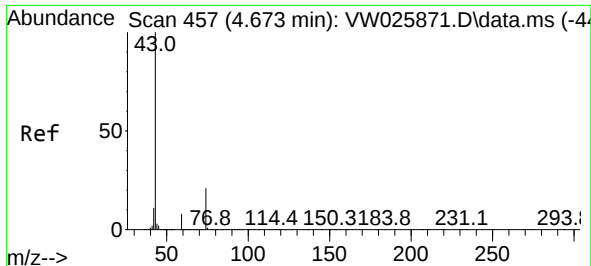
Tgt Ion: 43 Resp: 116800
Ion Ratio Lower Upper
43 100
58 28.3 0.0 58.2



#14
Carbon disulfide
Concen: 25.734 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 699960
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

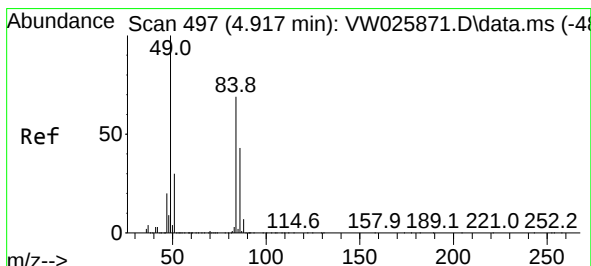
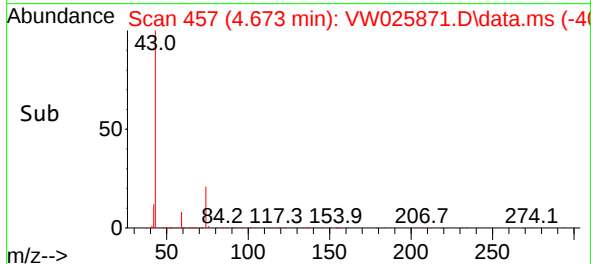
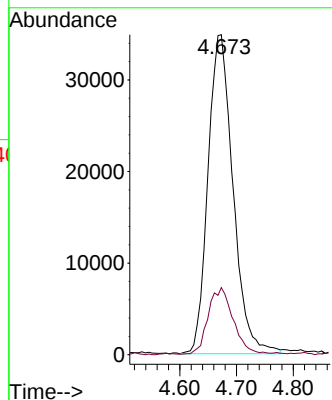
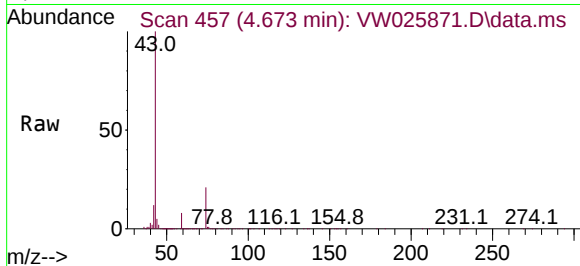




#15
Methyl Acetate
Concen: 21.725 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

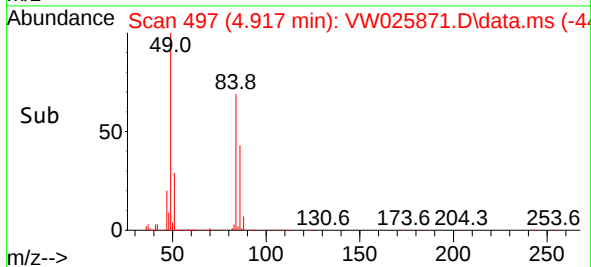
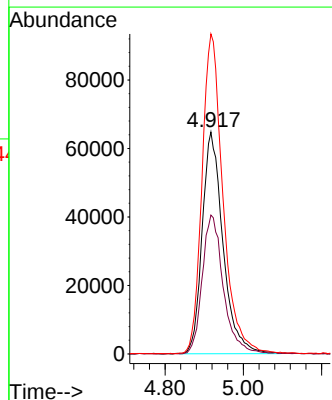
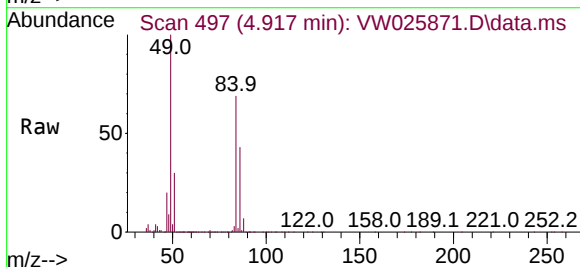
Instrument :
MSVOA_W
ClientSampleId :

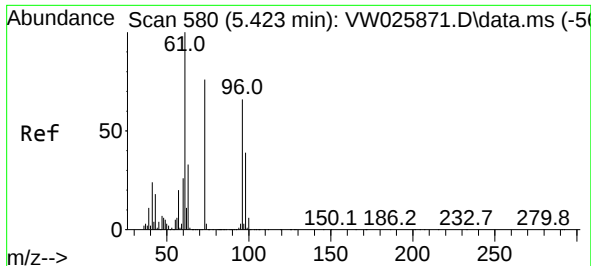
Tgt Ion: 43 Resp: 106949
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7



#16
Methylene chloride
Concen: 19.210 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion: 84 Resp: 238251
Ion Ratio Lower Upper
84 100
86 62.5 41.7 77.5
49 144.1 95.3 177.1

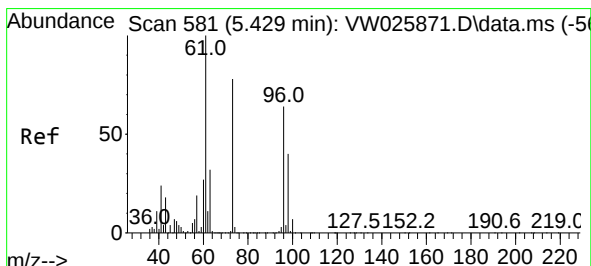
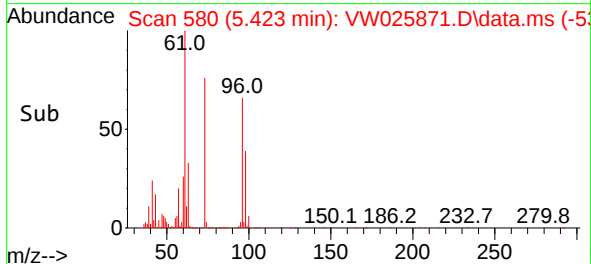
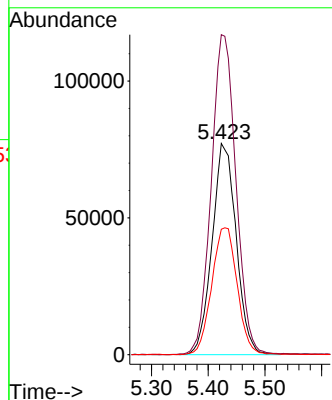
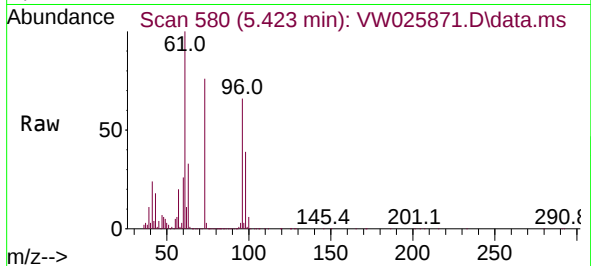




#17
trans-1,2-Dichloroethene
Concen: 26.008 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

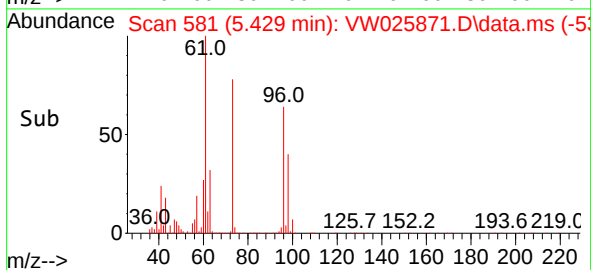
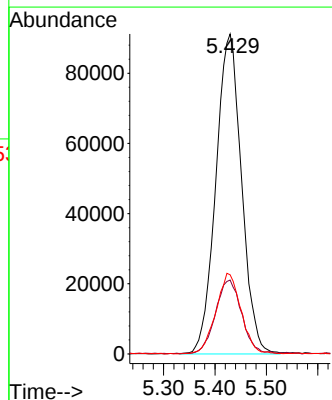
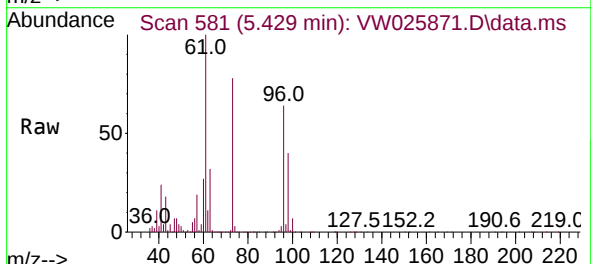
Instrument :
MSVOA_W
ClientSampleId :

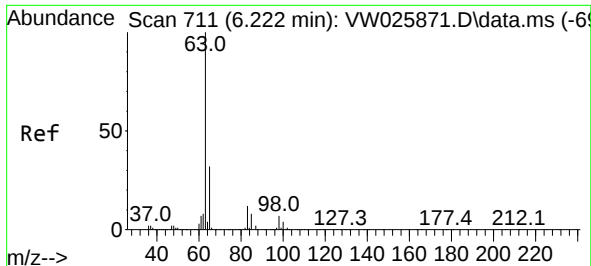
Tgt Ion: 96 Resp: 228203
Ion Ratio Lower Upper
96 100
61 151.5 108.1 200.9
98 59.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 23.772 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion: 73 Resp: 316577
Ion Ratio Lower Upper
73 100
43 22.9 18.2 27.4
57 24.2 19.2 28.8





#19

1,1-Dichloroethane

Concen: 26.192 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

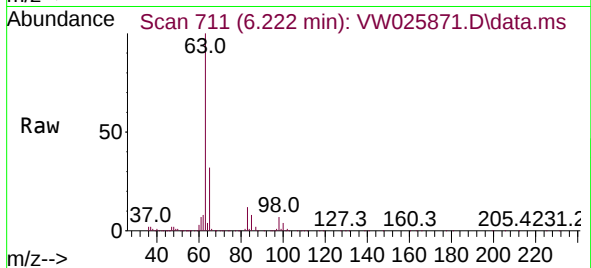
Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :



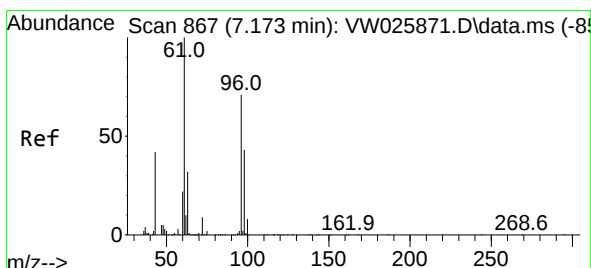
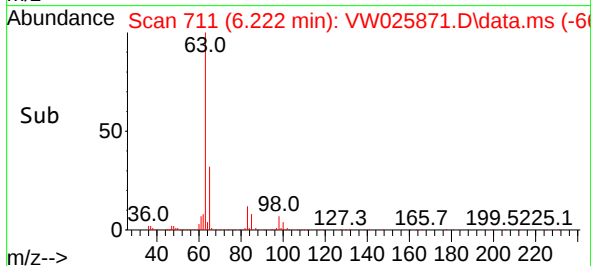
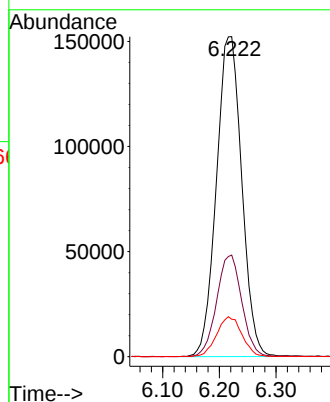
Tgt Ion: 63 Resp: 472166

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 11.7 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.578 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

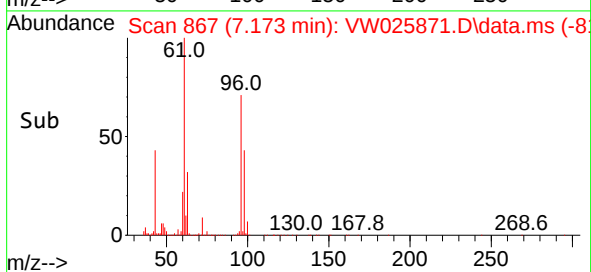
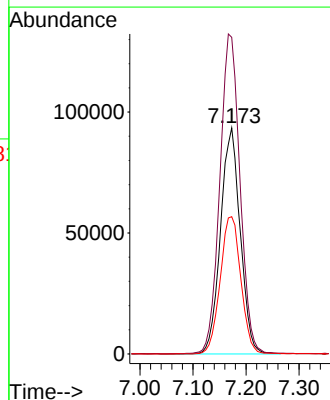
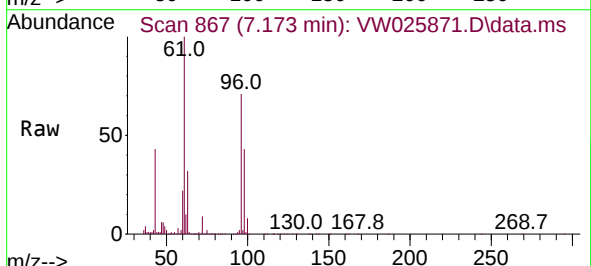
Tgt Ion: 96 Resp: 240779

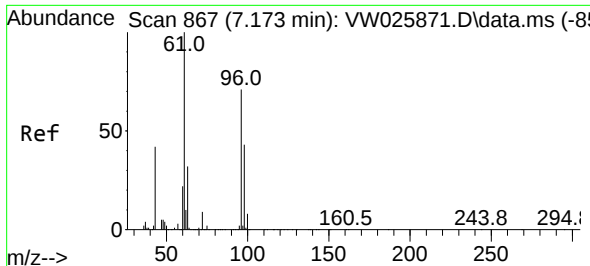
Ion Ratio Lower Upper

96 100

61 140.1 98.6 183.0

98 60.8 45.2 84.0

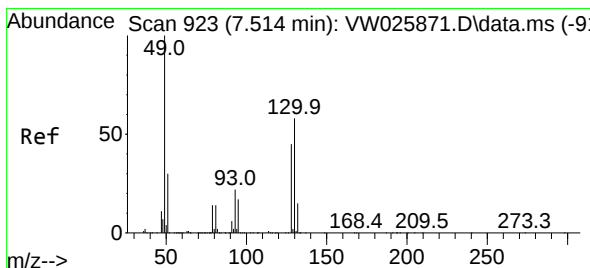
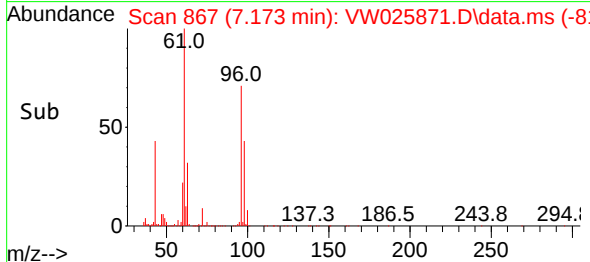
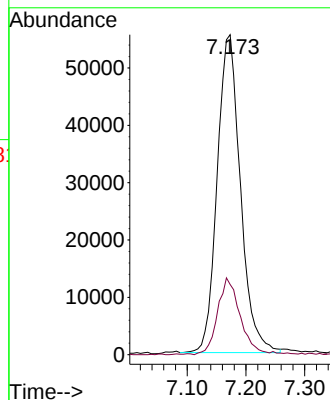
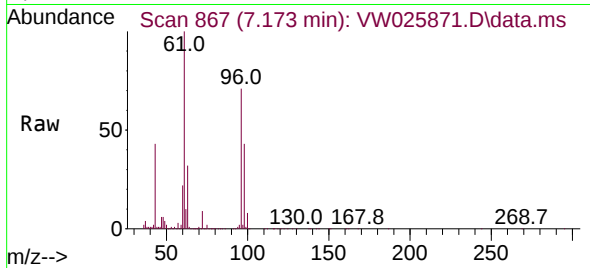




#22
2-Butanone
Concen: 44.169 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

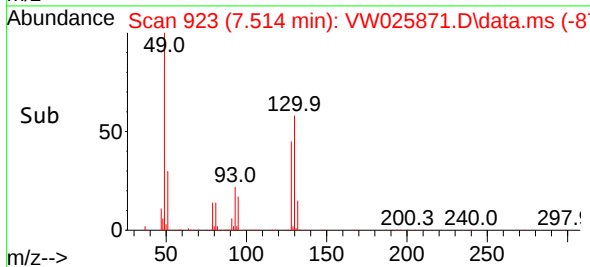
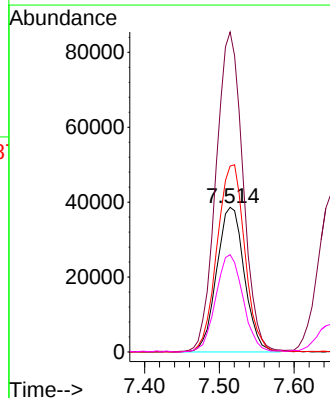
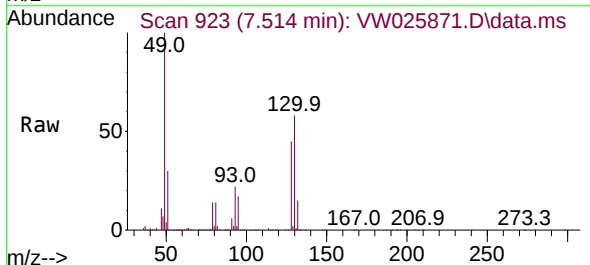
Instrument :
MSVOA_W
ClientSampleId :

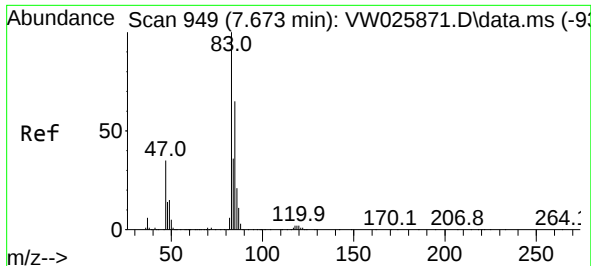
Tgt Ion: 43 Resp: 152357
Ion Ratio Lower Upper
43 100
72 23.3 11.8 35.4



#23
Bromochloromethane
Concen: 24.970 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion: 128 Resp: 99578
Ion Ratio Lower Upper
128 100
49 221.3 151.5 281.5
130 128.6 91.3 169.6
51 67.2 51.5 77.3

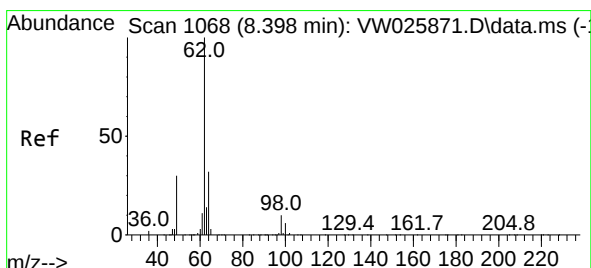
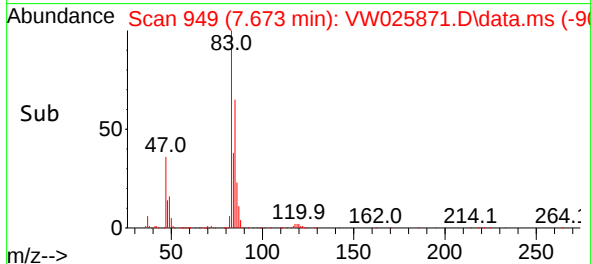
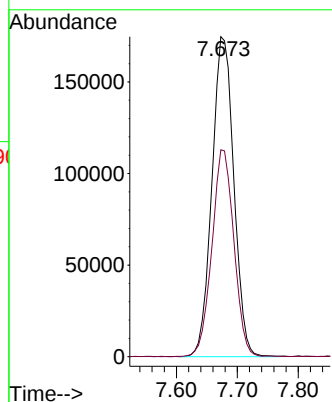
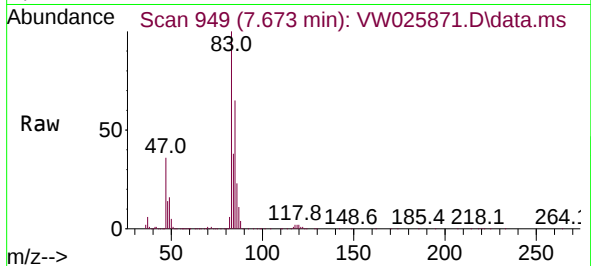




#25
Chloroform
Concen: 26.312 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

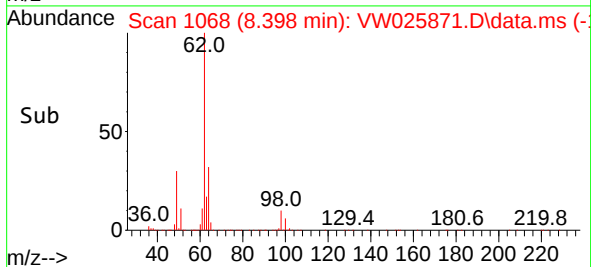
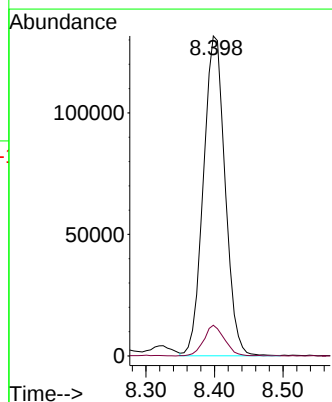
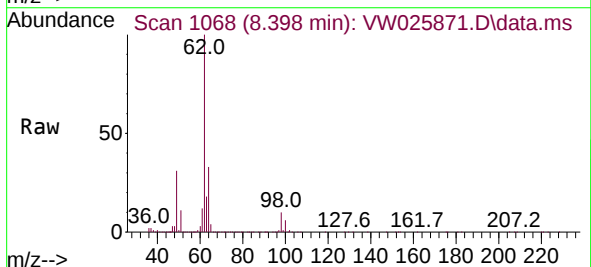
Instrument :
MSVOA_W
ClientSampleId :

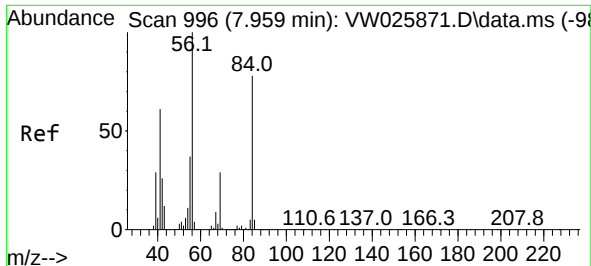
Tgt Ion: 83 Resp: 435961
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.619 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

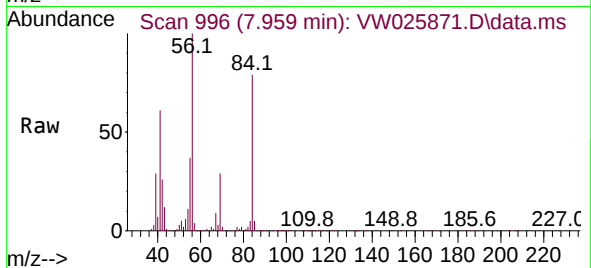
Tgt Ion: 62 Resp: 289691
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8



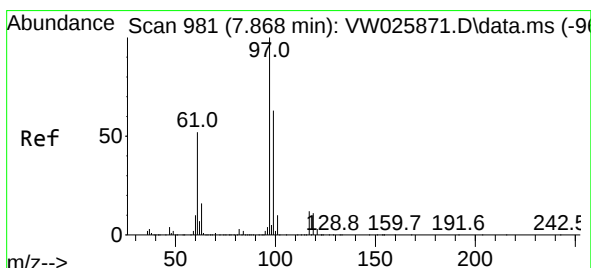
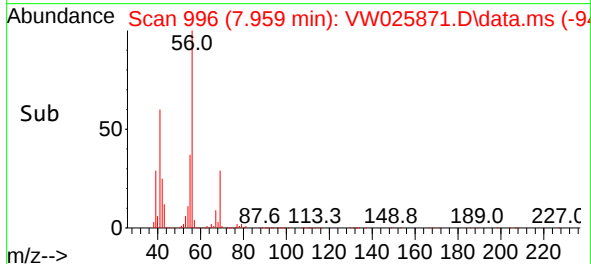
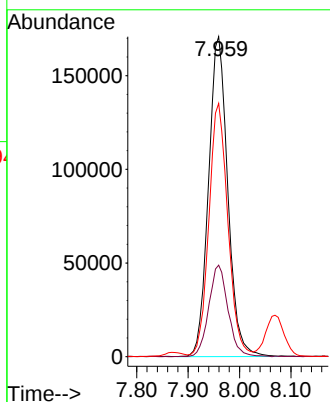


#29
Cyclohexane
Concen: 26.399 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Instrument :
MSVOA_W
ClientSampleId :

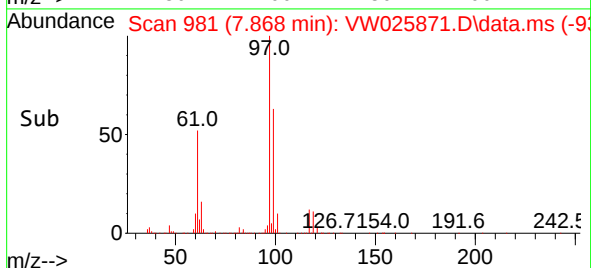
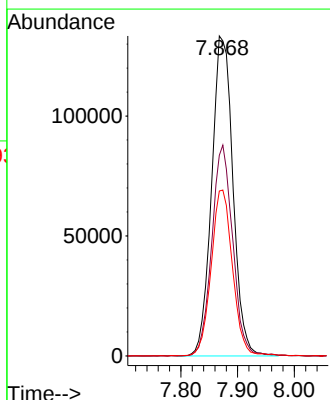
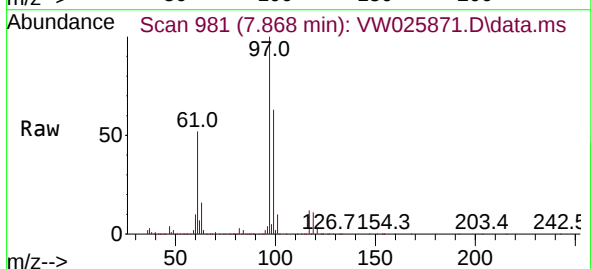


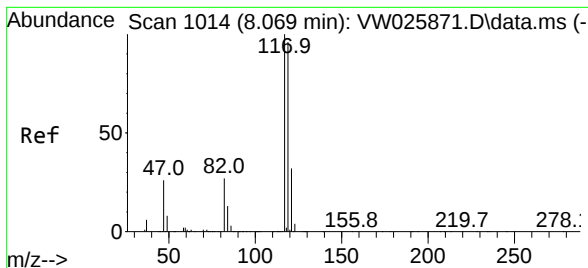
Tgt Ion: 56 Resp: 444562
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.0
84 78.1 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 26.182 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion: 97 Resp: 347952
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 51.5 40.4 60.6





#31

Carbon tetrachloride

Concen: 26.468 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

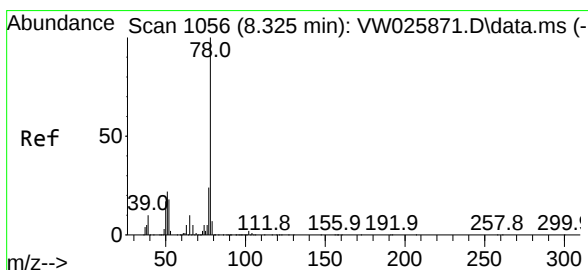
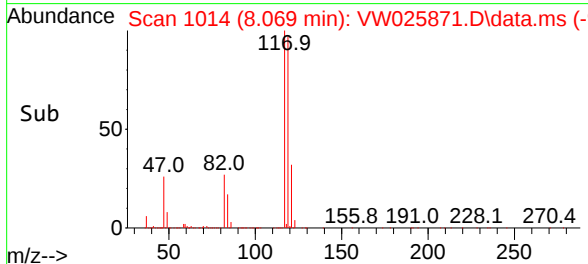
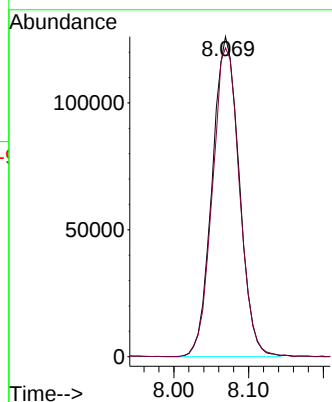
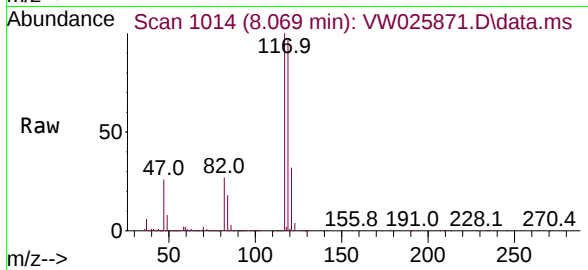
ClientSampleId :

Tgt Ion:117 Resp: 316550

Ion Ratio Lower Upper

117 100

119 97.0 76.9 115.3



#33

Benzene

Concen: 26.198 ug/L

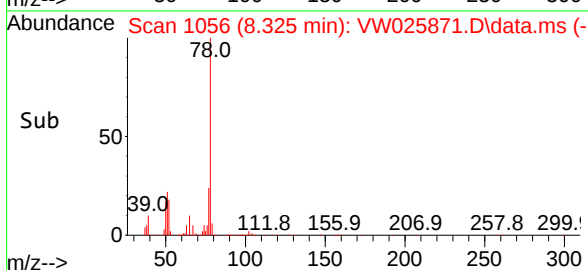
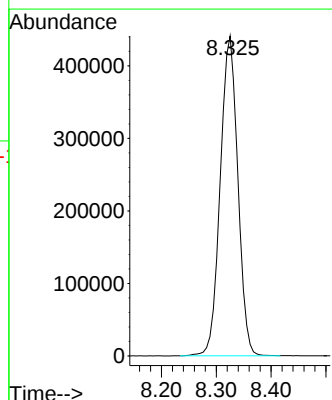
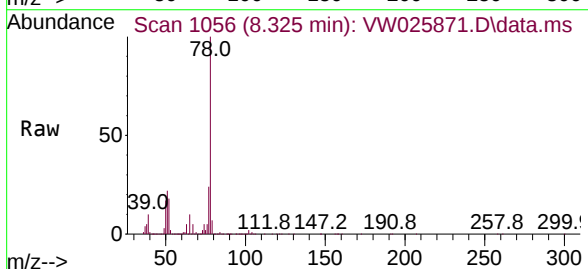
RT: 8.325 min Scan# 1056

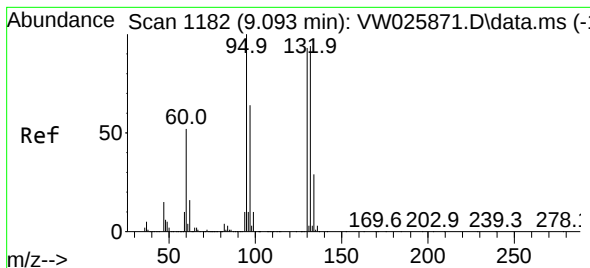
Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Tgt Ion: 78 Resp: 984943





#34

Trichloroethene

Concen: 25.733 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

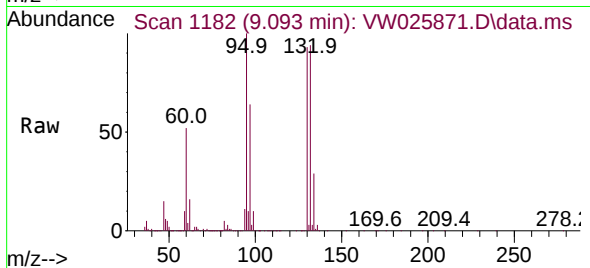
Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 248252

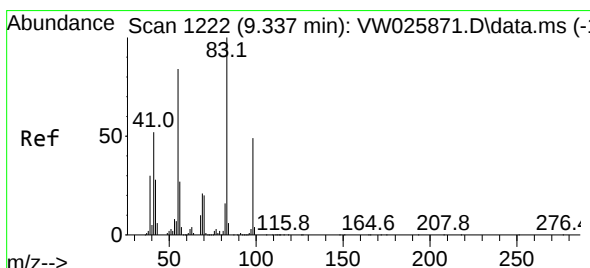
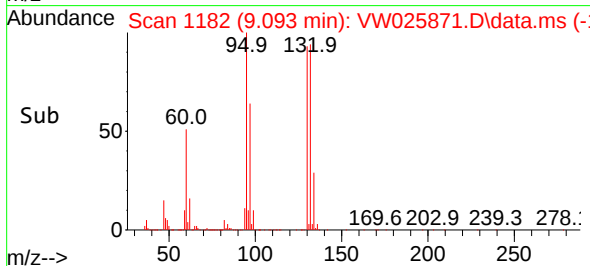
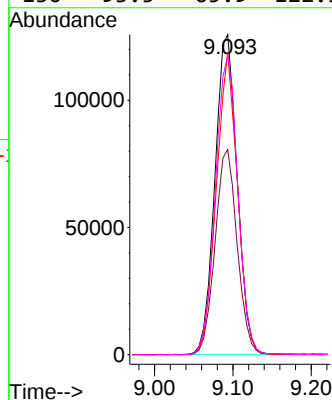
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 94.4 66.0 122.6

130 93.5 65.9 122.3



#35

Methylcyclohexane

Concen: 26.091 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

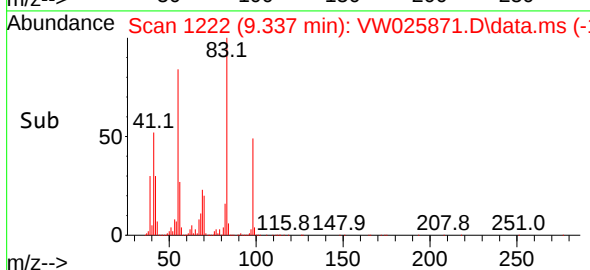
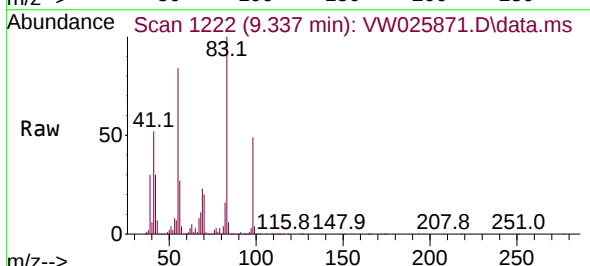
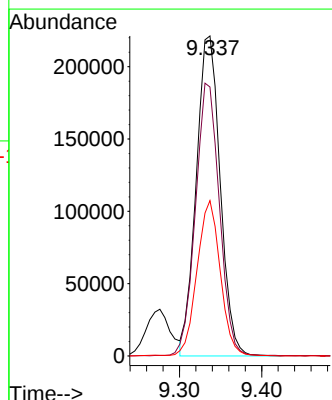
Tgt Ion: 83 Resp: 447677

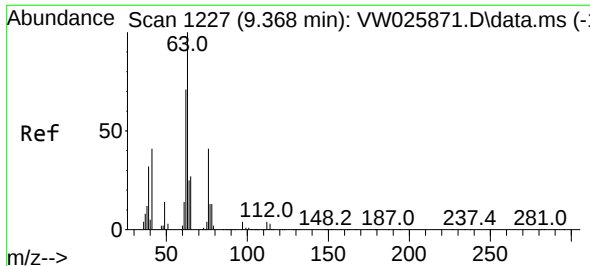
Ion Ratio Lower Upper

83 100

55 85.3 69.0 103.4

98 47.2 37.1 55.7





#37

1,2-Dichloropropane

Concen: 25.839 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

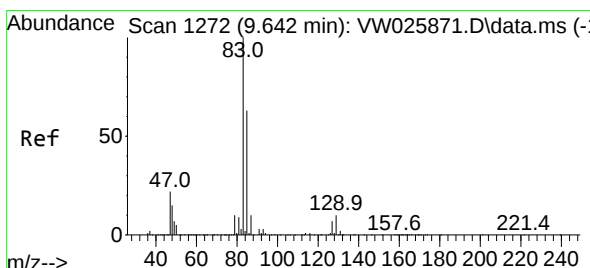
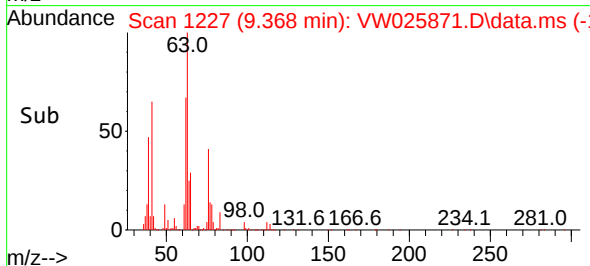
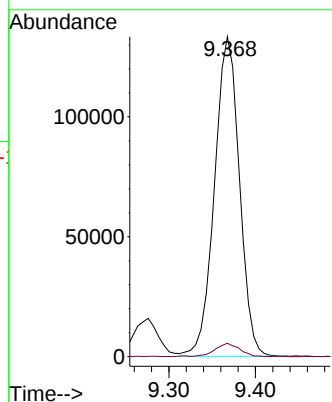
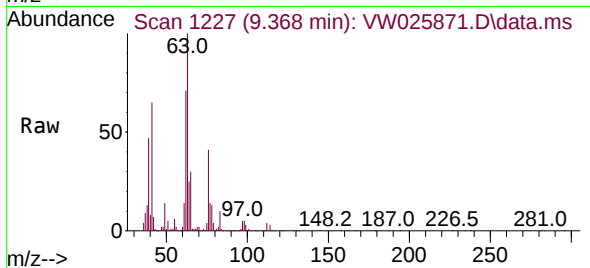
ClientSampleId :

Tgt Ion: 63 Resp: 266147

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 25.384 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

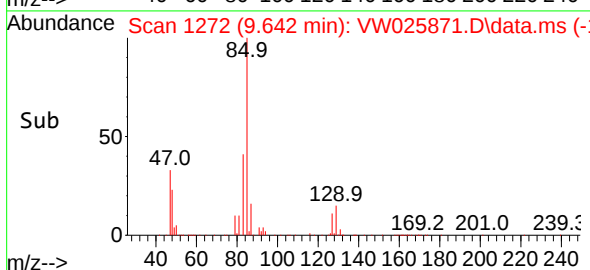
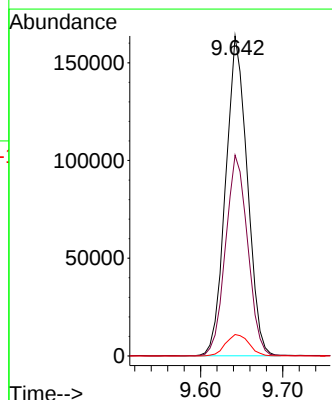
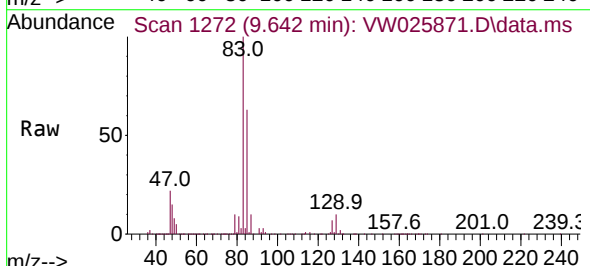
Tgt Ion: 83 Resp: 299975

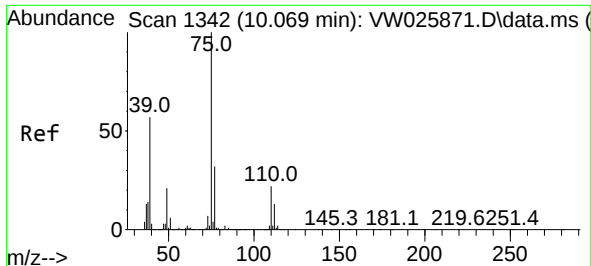
Ion Ratio Lower Upper

83 100

85 62.7 44.4 82.5

127 6.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 24.871 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

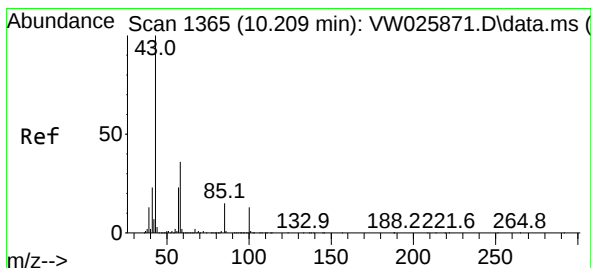
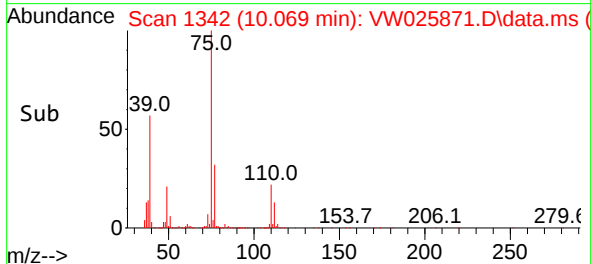
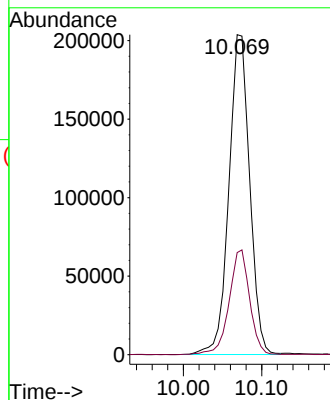
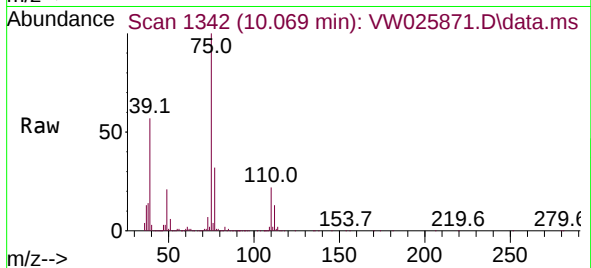
ClientSampleId :

Tgt Ion: 75 Resp: 375677

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 45.027 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

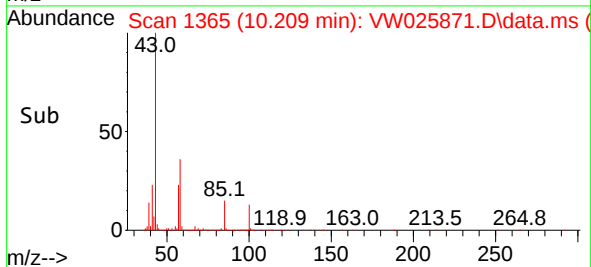
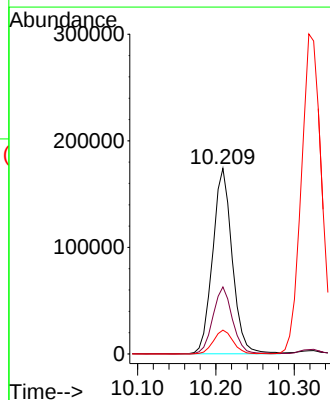
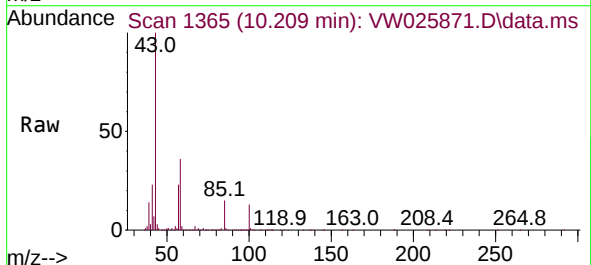
Tgt Ion: 43 Resp: 301889

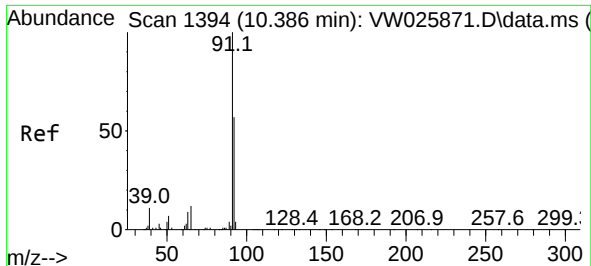
Ion Ratio Lower Upper

43 100

58 36.1 29.4 44.0

100 13.0 10.1 15.1

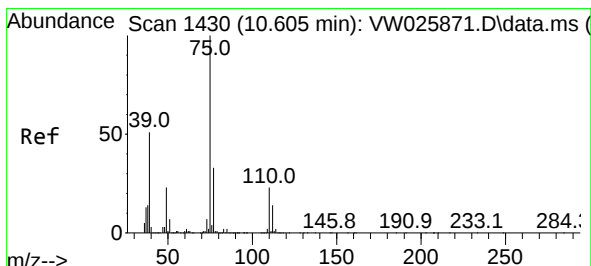
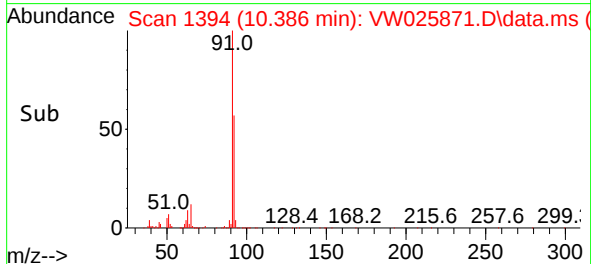
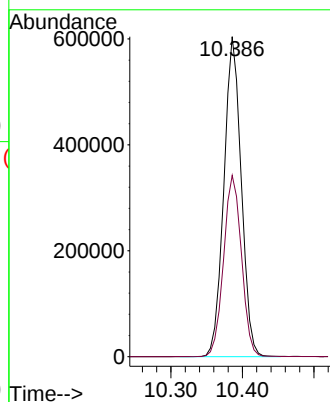
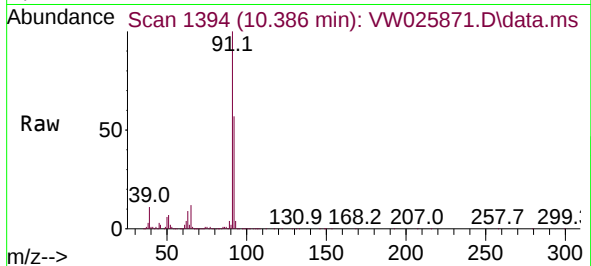




#42
Toluene
Concen: 26.542 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

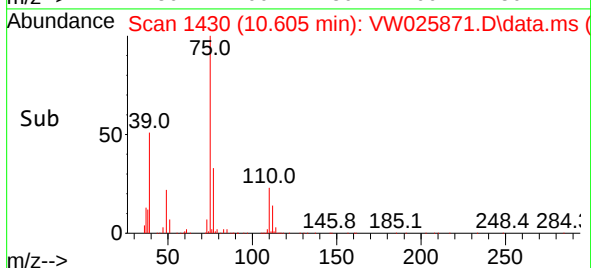
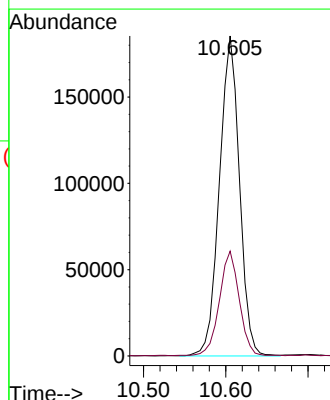
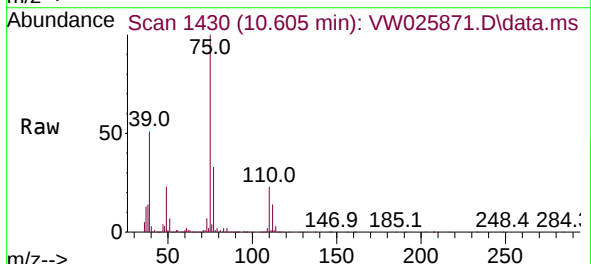
Instrument :
MSVOA_W
ClientSampleId :

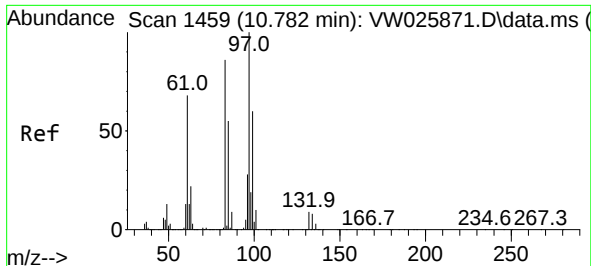
Tgt Ion: 91 Resp: 1019592
Ion Ratio Lower Upper
91 100
92 56.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 25.084 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion: 75 Resp: 313952
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.566 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 169264

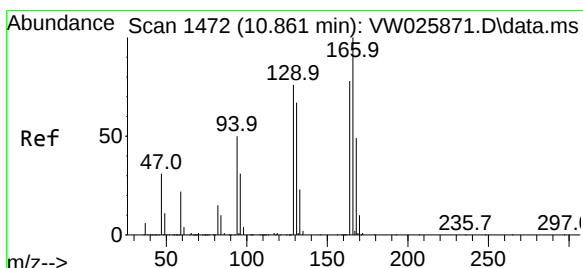
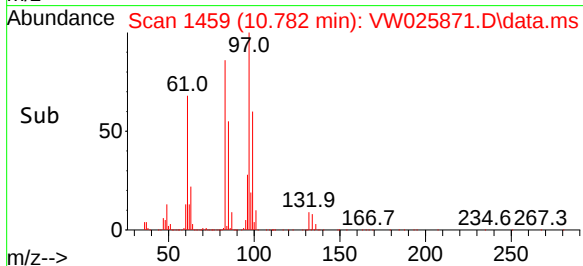
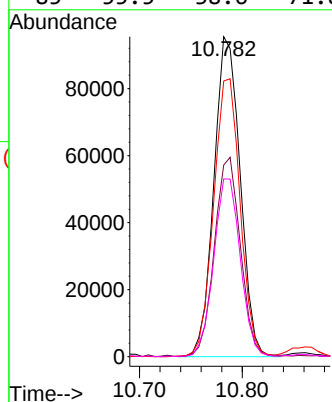
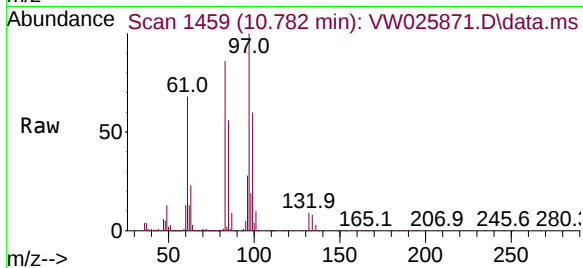
Ion Ratio Lower Upper

97 100

99 59.9 44.5 82.7

83 86.1 63.0 117.0

85 55.5 38.6 71.8



#46

Tetrachloroethene

Concen: 26.871 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Tgt Ion:164 Resp: 182373

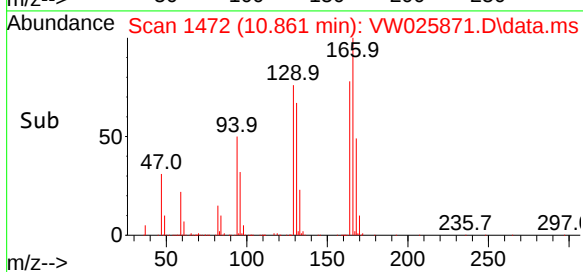
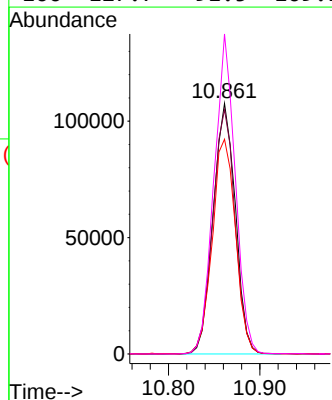
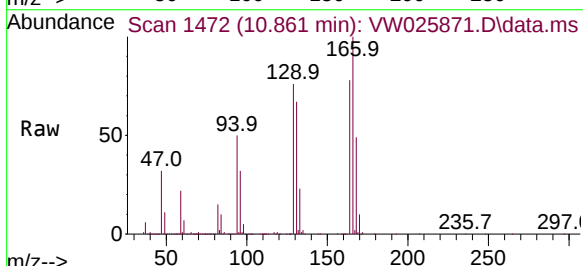
Ion Ratio Lower Upper

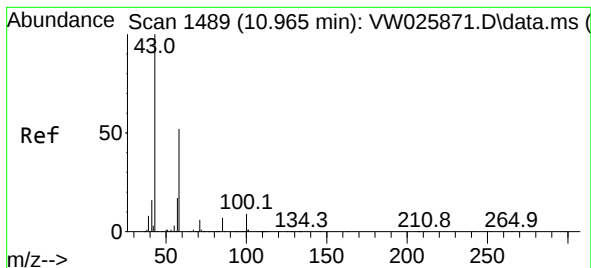
164 100

129 97.5 74.3 138.1

131 85.7 71.3 132.3

166 127.7 91.5 169.9





#48

2-Hexanone

Concen: 46.282 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 222297

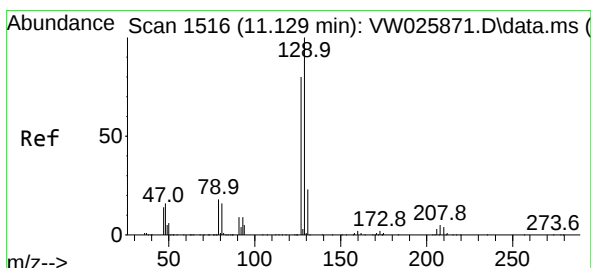
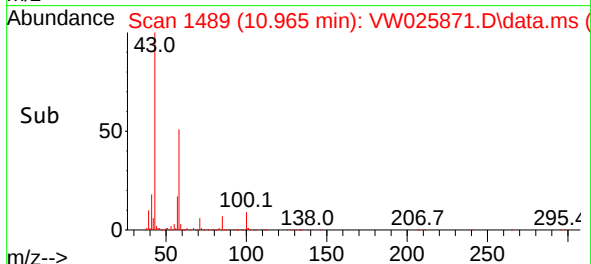
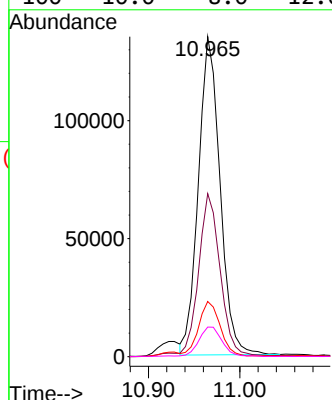
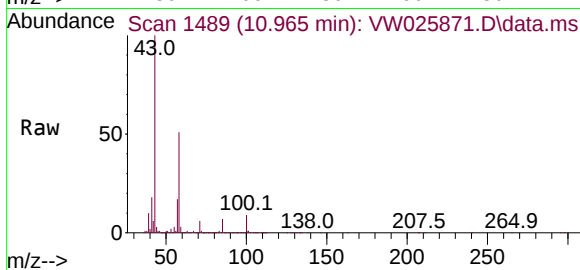
Ion Ratio Lower Upper

43 100

58 50.7 40.8 61.2

57 17.4 13.6 20.4

100 10.0 8.0 12.0



#49

Dibromochloromethane

Concen: 25.521 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW025871.D

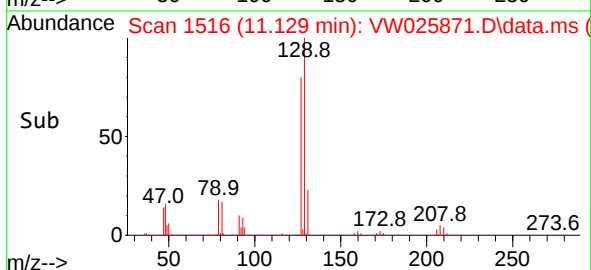
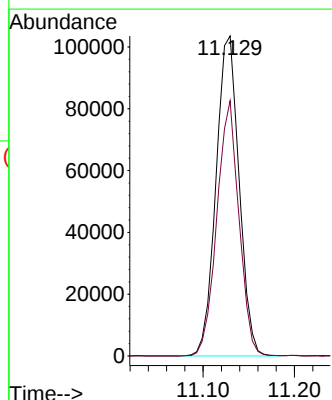
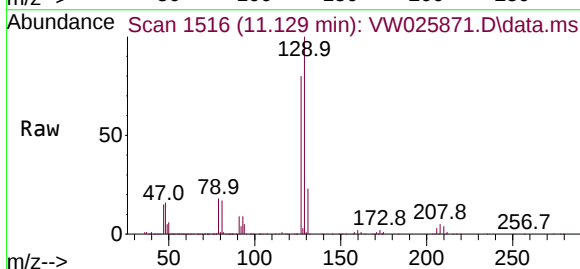
Acq: 08 May 2023 09:24

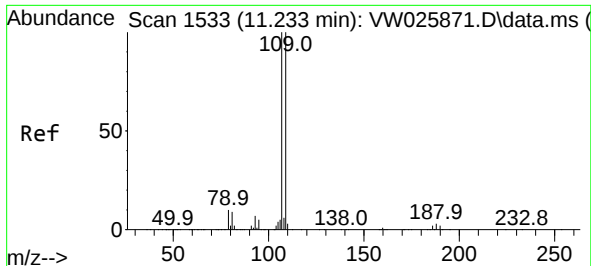
Tgt Ion:129 Resp: 182047

Ion Ratio Lower Upper

129 100

127 79.8 56.1 104.3





#50

1,2-Dibromoethane

Concen: 23.565 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

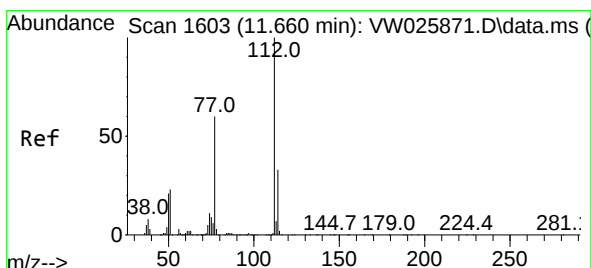
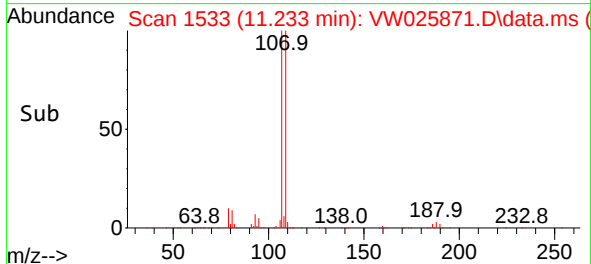
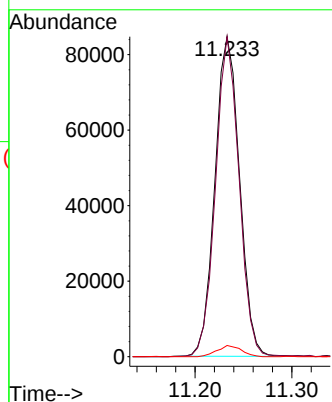
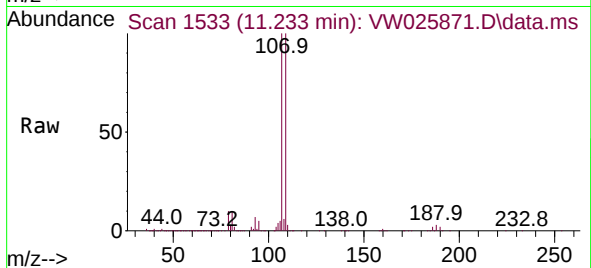
Tgt Ion:107 Resp: 149683

Ion Ratio Lower Upper

107 100

109 100.0 67.5 125.4

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 25.376 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

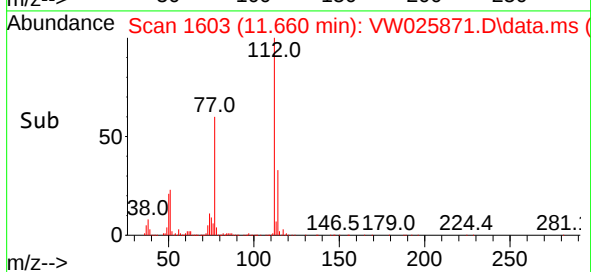
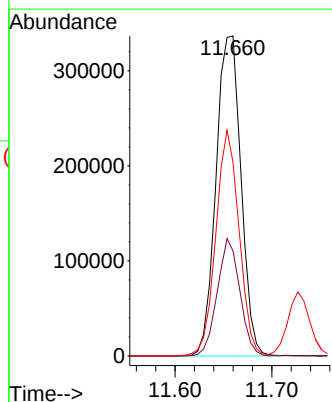
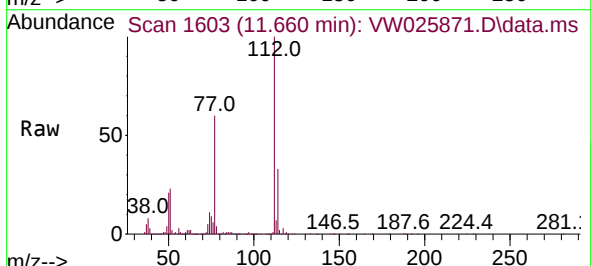
Tgt Ion:112 Resp: 603896

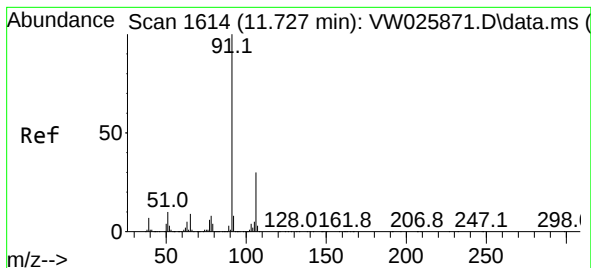
Ion Ratio Lower Upper

112 100

114 32.9 22.7 42.3

77 60.5 53.0 79.6

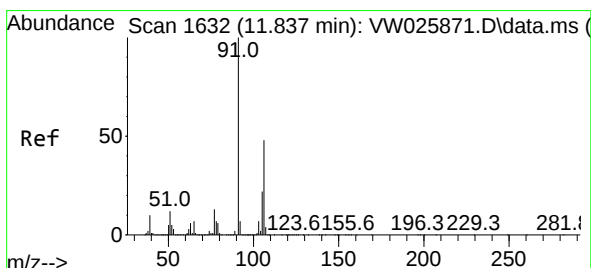
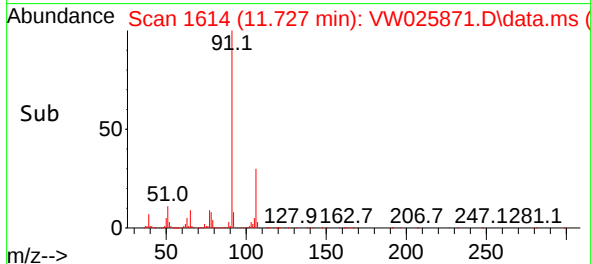
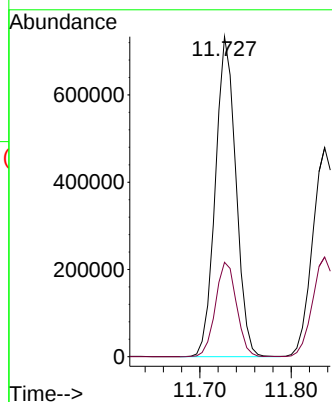
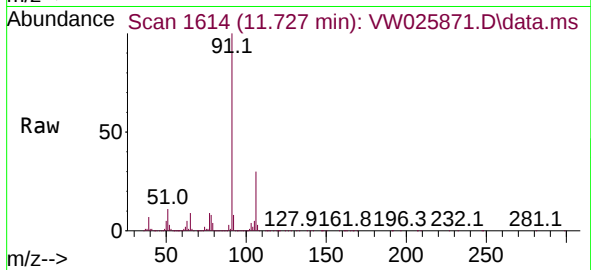




#52
Ethylbenzene
Concen: 26.482 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

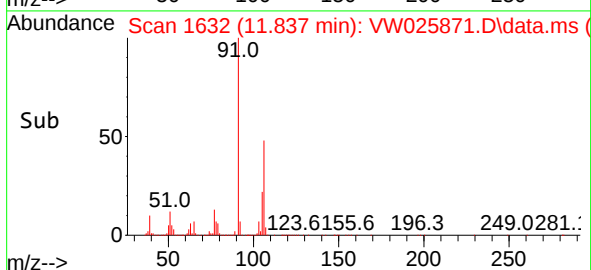
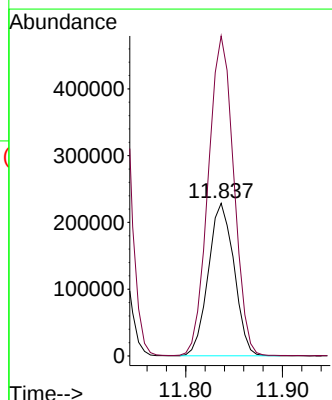
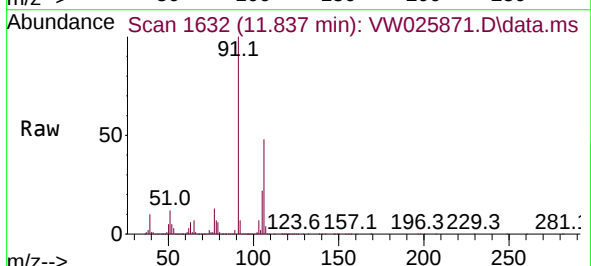
Instrument :
MSVOA_W
ClientSampleId :

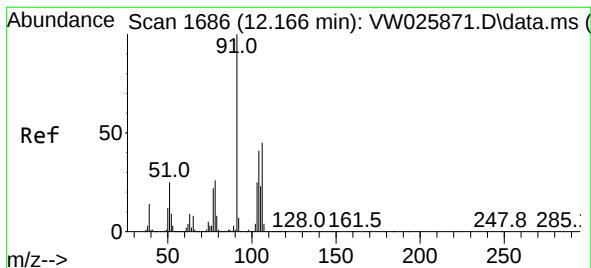
Tgt Ion: 91 Resp: 1144326
Ion Ratio Lower Upper
91 100
106 29.5 20.8 38.6



#53
m,p-Xylene
Concen: 26.597 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion:106 Resp: 422993
Ion Ratio Lower Upper
106 100
91 209.6 150.1 278.9





#54

o-Xylene

Concen: 25.923 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

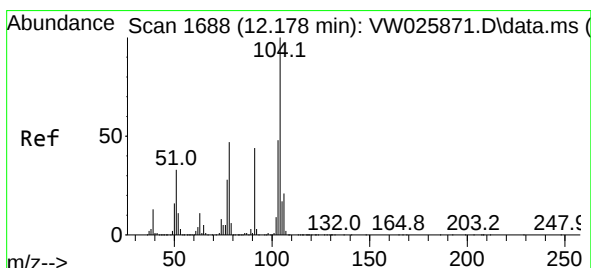
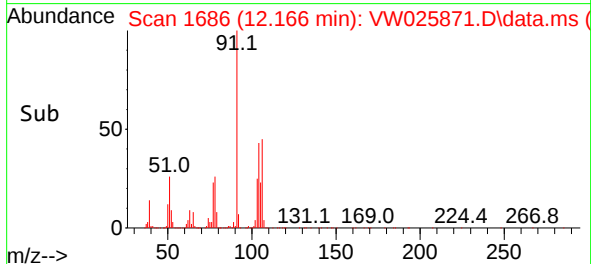
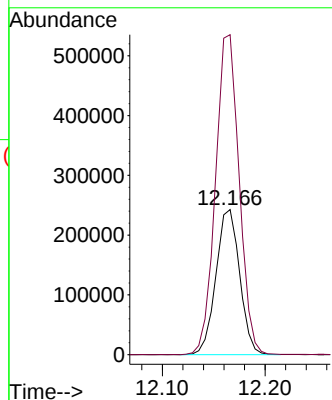
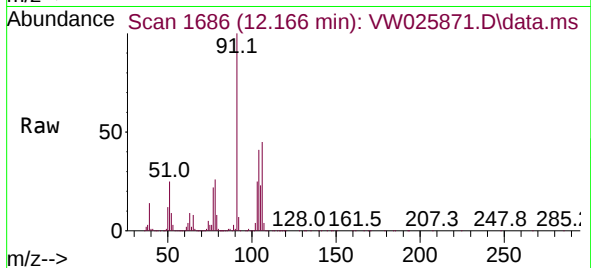
ClientSampleId :

Tgt Ion:106 Resp: 388602

Ion Ratio Lower Upper

106 100

91 220.5 157.8 293.1



#55

Styrene

Concen: 27.180 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025871.D

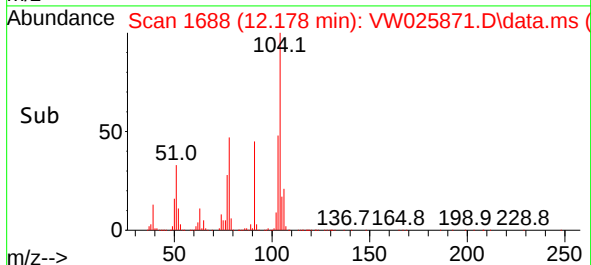
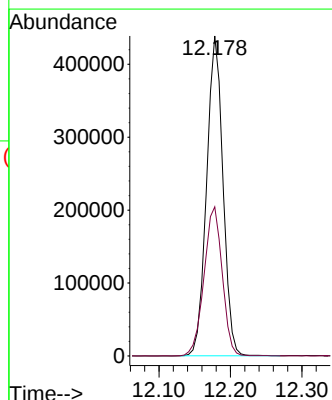
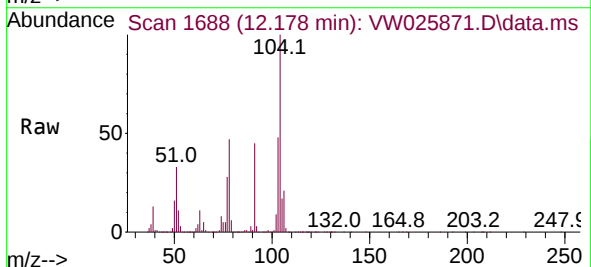
Acq: 08 May 2023 09:24

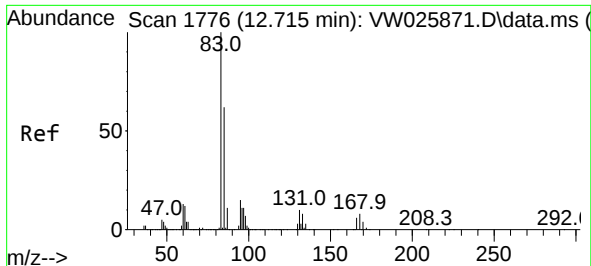
Tgt Ion:104 Resp: 697363

Ion Ratio Lower Upper

104 100

78 46.6 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.694 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

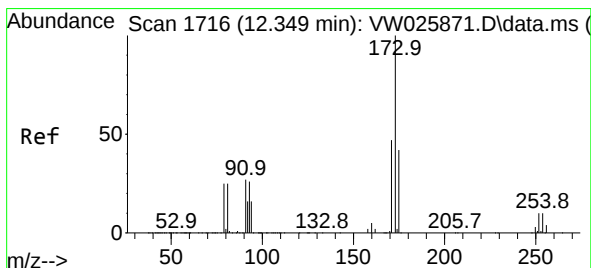
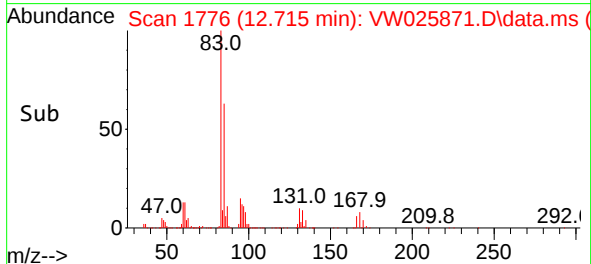
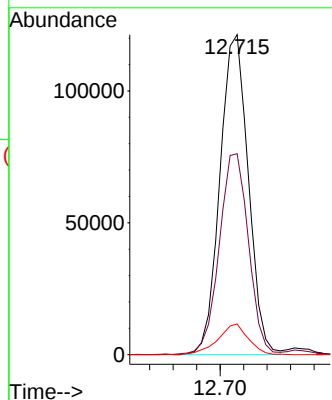
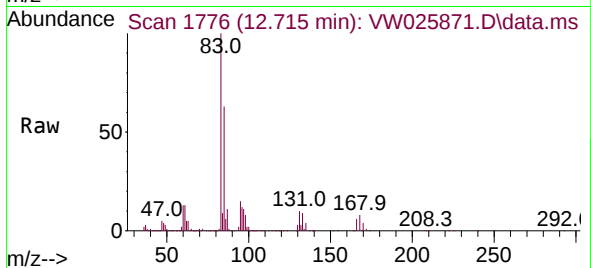
Tgt Ion: 83 Resp: 203709

Ion Ratio Lower Upper

83 100

85 62.8 45.6 84.8

131 9.6 8.1 12.1



#59

Bromoform

Concen: 24.000 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

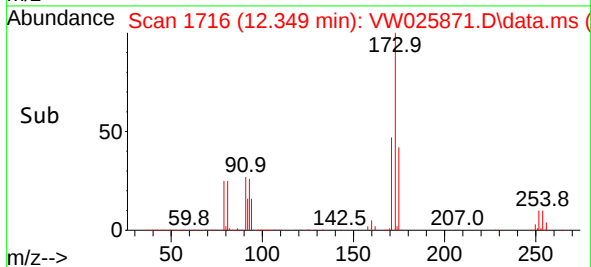
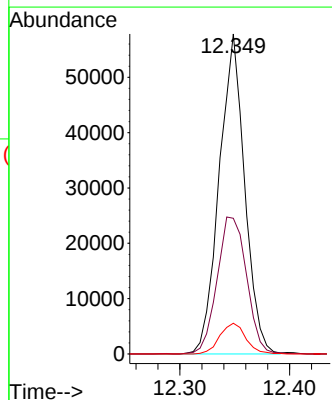
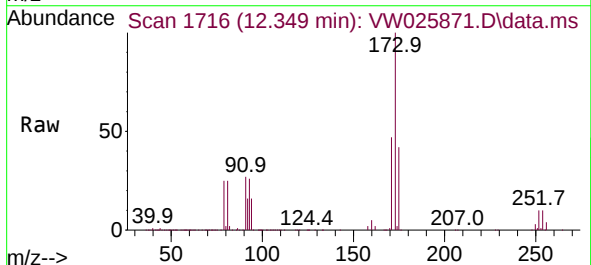
Tgt Ion: 173 Resp: 93243

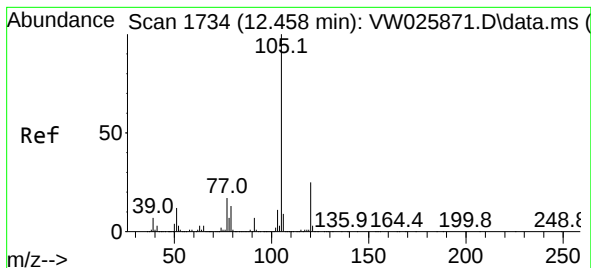
Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

254 9.8 7.6 11.4





#60

Isopropylbenzene

Concen: 27.338 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

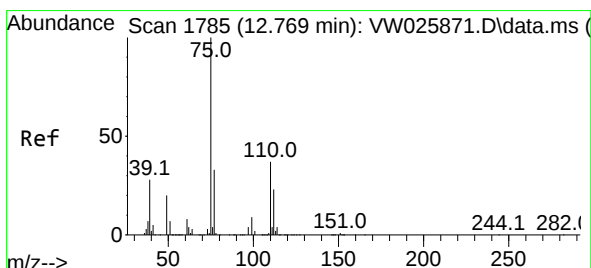
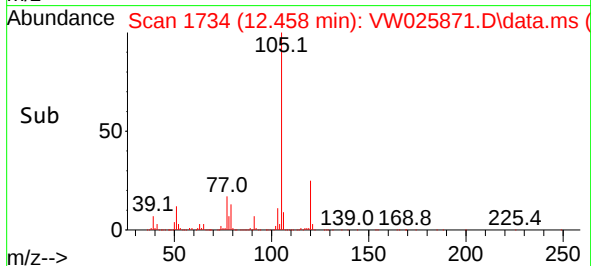
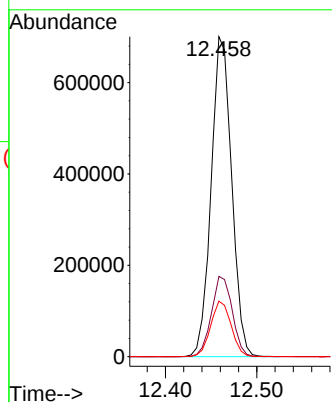
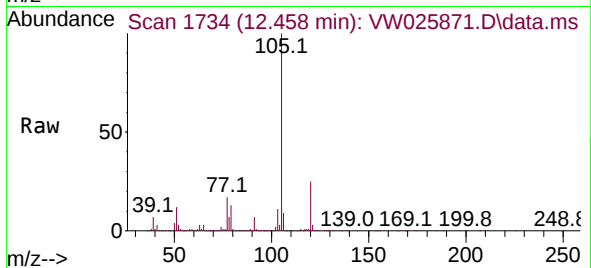
Tgt Ion:105 Resp: 1089943

Ion Ratio Lower Upper

105 100

120 25.5 21.1 31.7

77 17.3 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.641 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

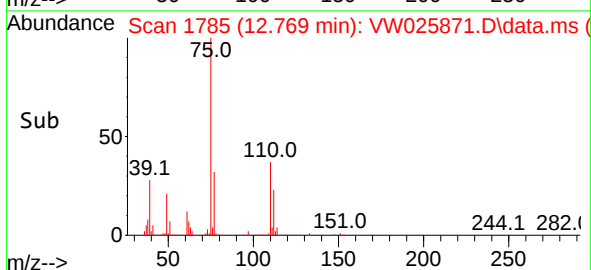
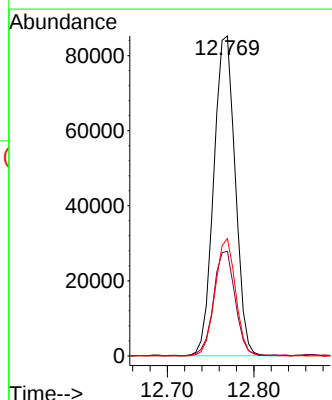
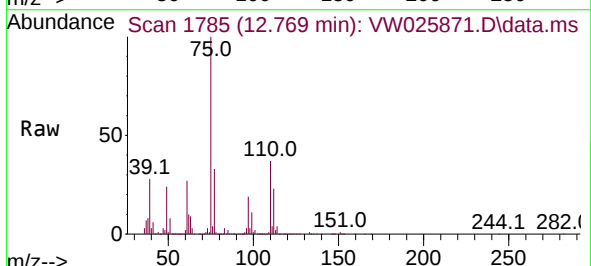
Tgt Ion: 75 Resp: 146546

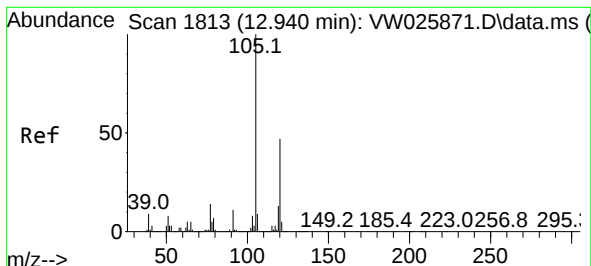
Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8

110 35.3 27.6 41.4

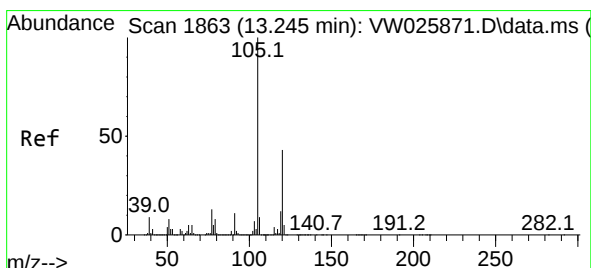
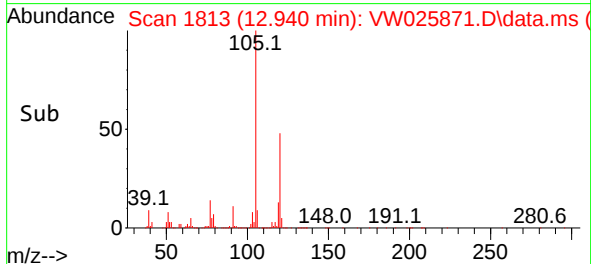
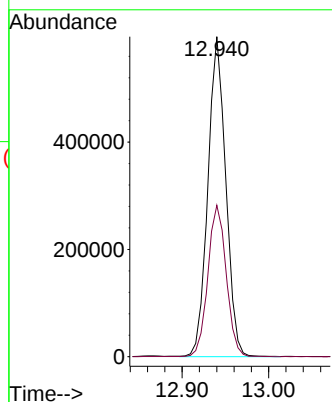
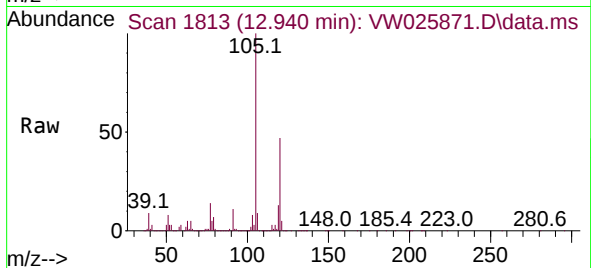




#62
1,3,5-Trimethylbenzene
Concen: 27.132 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

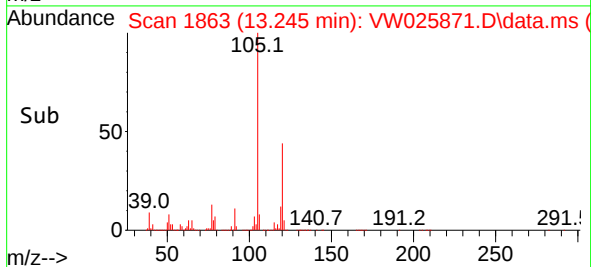
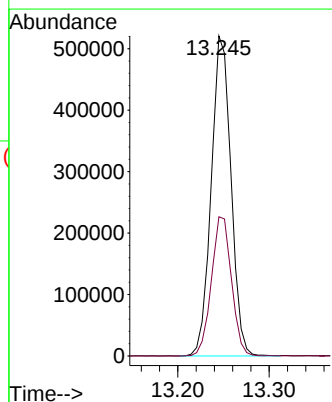
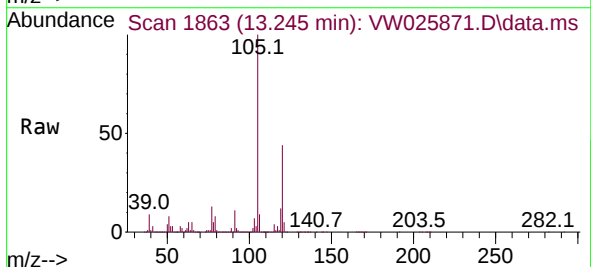
Instrument :
MSVOA_W
ClientSampleId :

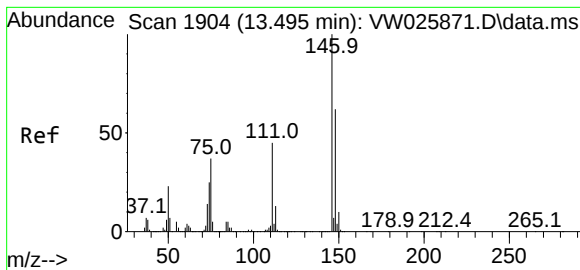
Tgt Ion:105 Resp: 856772
Ion Ratio Lower Upper
105 100
120 48.4 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 26.775 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025871.D
Acq: 08 May 2023 09:24

Tgt Ion:105 Resp: 780229
Ion Ratio Lower Upper
105 100
120 44.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.499 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

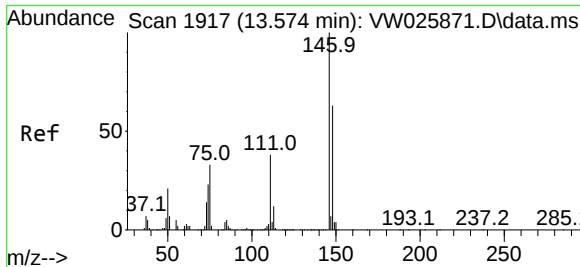
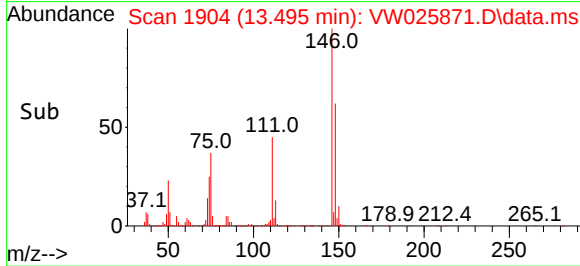
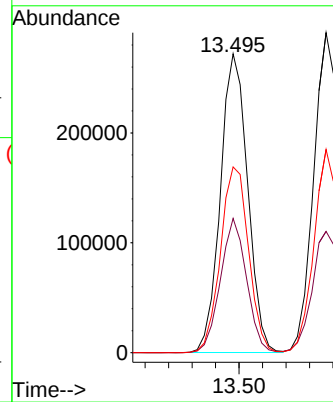
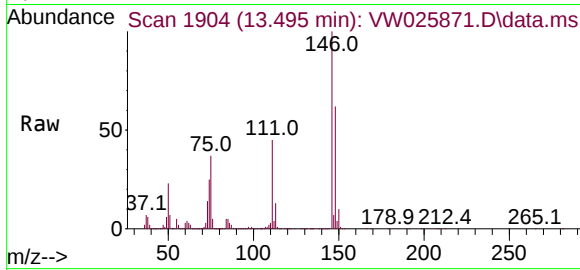
Tgt Ion:146 Resp: 437638

Ion Ratio Lower Upper

146 100

111 44.9 30.4 56.4

148 62.1 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 26.238 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

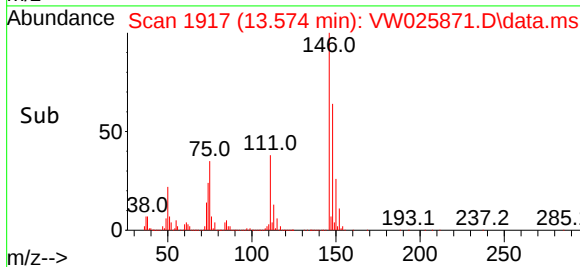
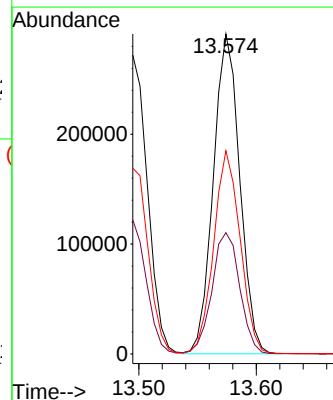
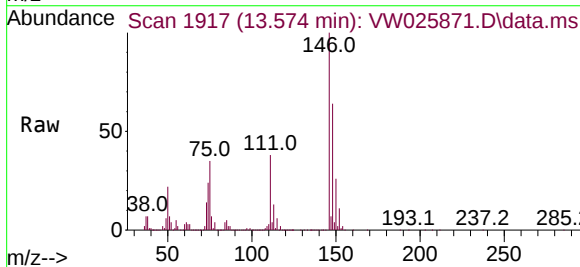
Tgt Ion:146 Resp: 454960

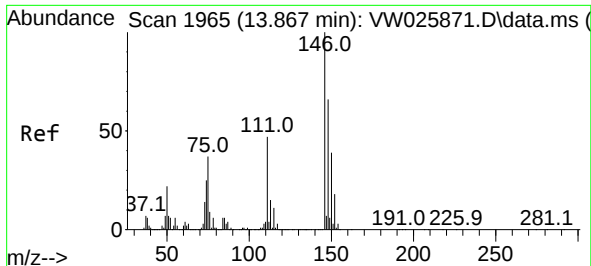
Ion Ratio Lower Upper

146 100

111 37.9 27.9 51.9

148 63.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 25.649 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

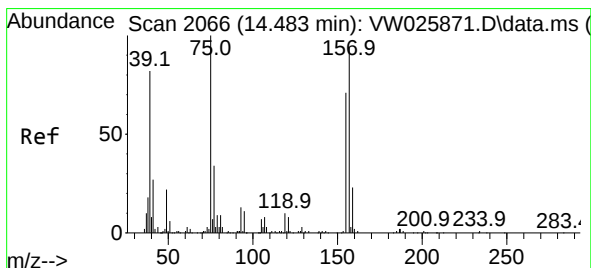
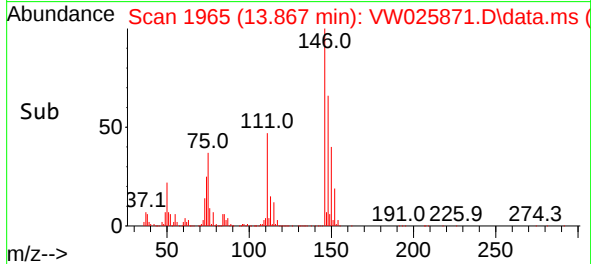
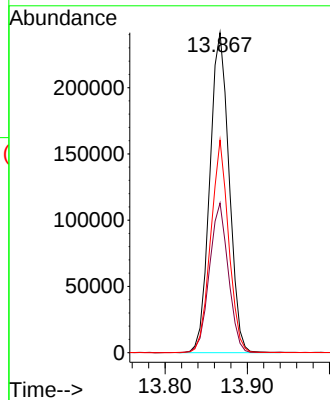
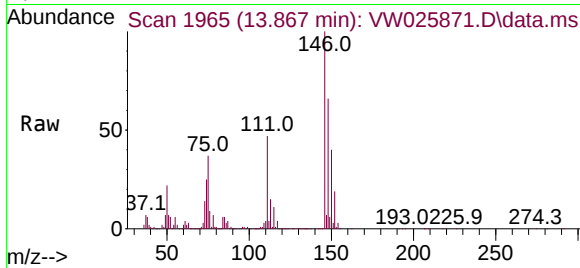
Tgt Ion:146 Resp: 392593

Ion Ratio Lower Upper

146 100

111 46.7 37.7 56.5

148 66.4 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.883 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

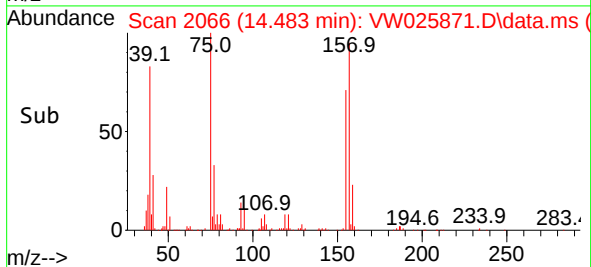
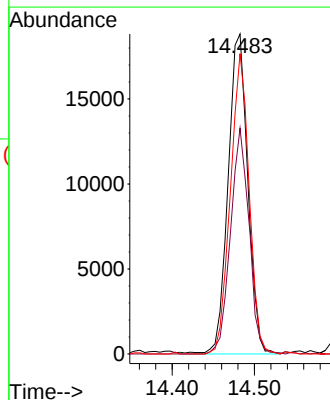
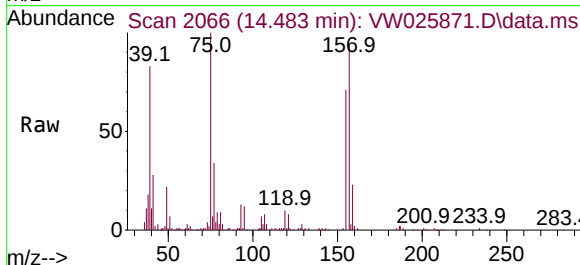
Tgt Ion: 75 Resp: 31455

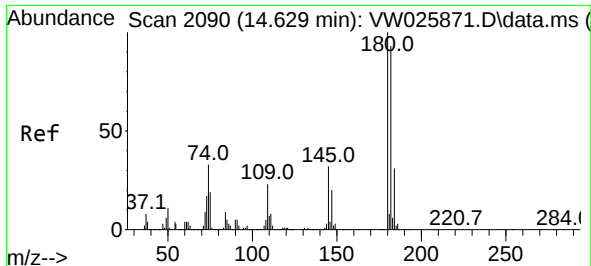
Ion Ratio Lower Upper

75 100

155 70.6 56.3 84.5

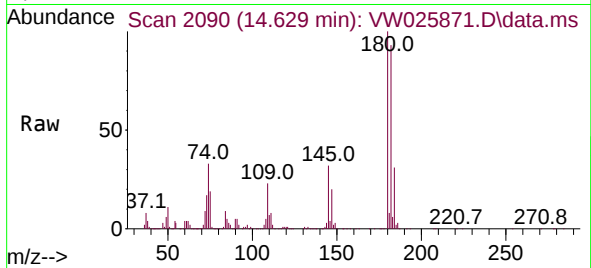
157 93.8 66.3 99.5



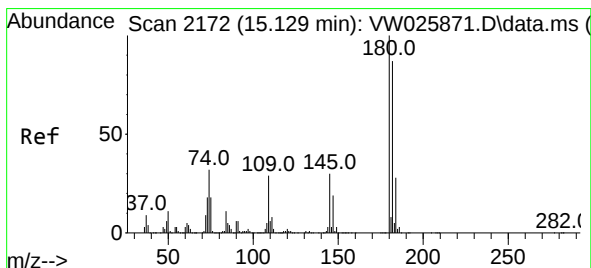
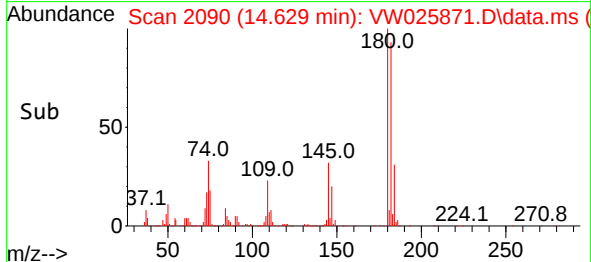
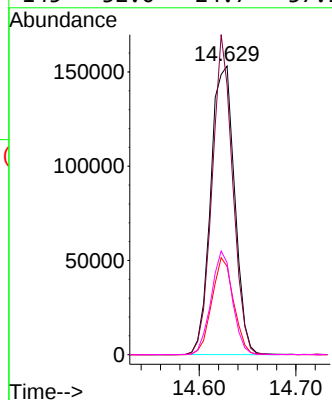


#69
 1,3,5-Trichlorobenzene
 Concen: 23.084 ug/L
 RT: 14.629 min Scan# 2090
 Delta R.T. 0.006 min
 Lab File: VW025871.D
 Acq: 08 May 2023 09:24

Instrument :
 MSVOA_W
 ClientSampleId :

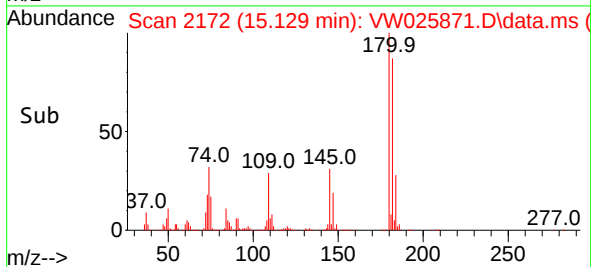
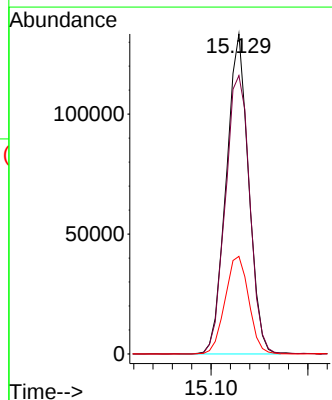
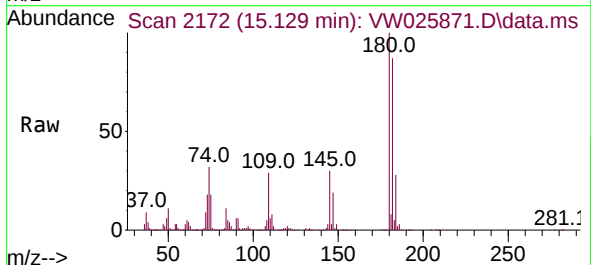


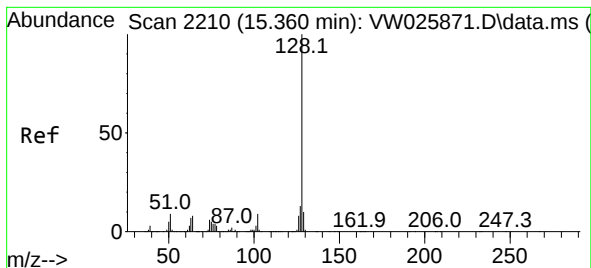
Tgt Ion:180 Resp: 262983
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.4 116.0
 184 30.7 24.7 37.1
 145 32.0 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 22.493 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW025871.D
 Acq: 08 May 2023 09:24

Tgt Ion:180 Resp: 214677
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.3 111.5
 145 32.3 25.4 38.0





#71

Naphthalene

Concen: 20.182 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Instrument :

MSVOA_W

ClientSampleId :

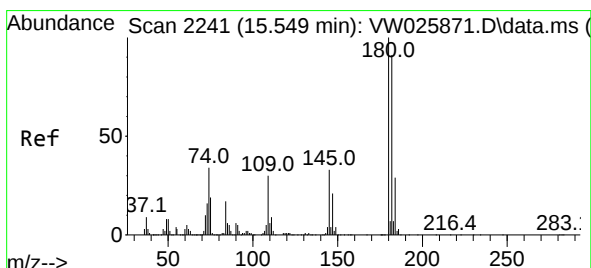
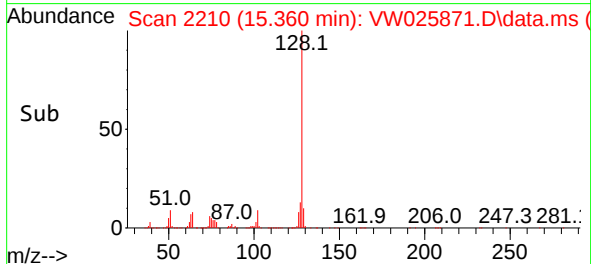
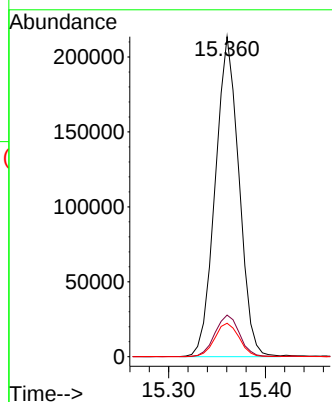
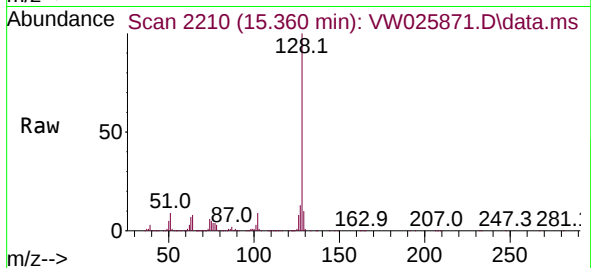
Tgt Ion:128 Resp: 363565

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 22.715 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW025871.D

Acq: 08 May 2023 09:24

Tgt Ion:180 Resp: 192364

Ion Ratio Lower Upper

180 100

182 92.6 76.1 114.1

145 33.7 28.0 42.0

