

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027015.D
 Acq On : 07 Sep 2023 19:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 08 01:37:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 08 01:32:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	572783	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	551530	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	303115	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	185779	18.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.600%
7) Chloroethane-d5	2.899	69	169074	20.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
11) 1,1-Dichloroethene-d2	4.033	65	70716	18.751	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.000%
21) 2-Butanone-d5	7.081	46	89487	45.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.760%
24) Chloroform-d	7.648	84	380097	22.301	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.307	65	194698	21.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.920%
32) Benzene-d6	8.276	84	771526	21.327	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.320%
36) 1,2-Dichloropropane-d6	9.276	67	235223	22.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.600%
41) Toluene-d8	10.325	98	683931	20.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.520%
43) trans-1,3-Dichloroprop...	10.575	79	87311	21.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.922	63	50294	50.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196827	23.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	222305	21.205	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	117228	17.791	ug/L	99
3) Chloromethane	2.235	50	224459	22.585	ug/L	97
5) Vinyl chloride	2.381	62	237534	20.952	ug/L	97
6) Bromomethane	2.783	94	162810	21.760	ug/L	94
8) Chloroethane	2.936	64	151579	21.308	ug/L	99
9) Trichlorofluoromethane	3.259	101	138590	21.071	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	169507	20.752	ug/L #	68
12) 1,1-Dichloroethene	4.058	96	163214	20.168	ug/L	95
13) Acetone	4.119	43	60757	35.192	ug/L	100
14) Carbon disulfide	4.393	76	524480	20.206	ug/L	98
15) Methyl Acetate	4.667	43	90494	25.210	ug/L #	89
16) Methylene chloride	4.935	84	216680	19.526	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	184030	20.777	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	286553	23.233	ug/L	99
19) 1,1-Dichloroethane	6.216	63	379757	22.744	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	220608	22.632	ug/L	97
22) 2-Butanone	7.173	43	119850	43.144	ug/L	97
23) Bromochloromethane	7.514	128	96287	22.762	ug/L	84
25) Chloroform	7.679	83	376076	22.965	ug/L	95

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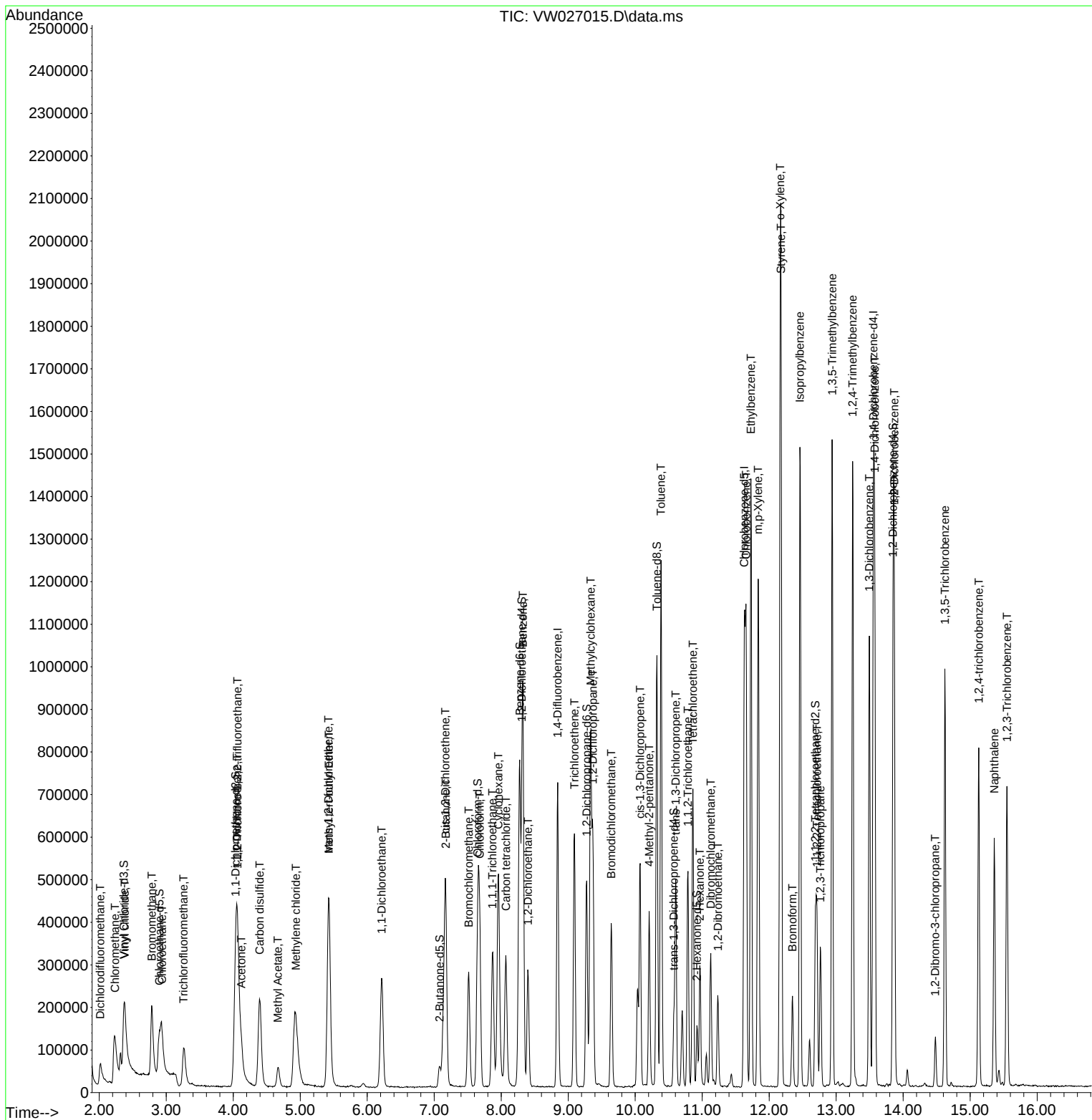
Instrument :
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 ClientSampleId :

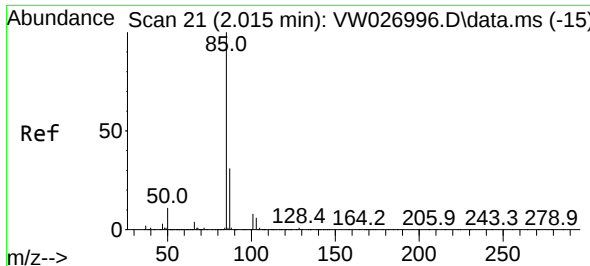
Quant Time: Sep 08 01:37:40 2023
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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 08 01:32:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	250446	24.197	ug/L	99
29) Cyclohexane	7.959	56	305656	21.256	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	263526	21.094	ug/L	99
31) Carbon tetrachloride	8.069	117	239595	21.518	ug/L	99
33) Benzene	8.325	78	857743	22.741	ug/L	100
34) Trichloroethene	9.093	95	209500	21.617	ug/L	97
35) Methylcyclohexane	9.337	83	338651	20.566	ug/L	97
37) 1,2-Dichloropropane	9.368	63	226419	23.523	ug/L	100
38) Bromodichloromethane	9.642	83	262374	23.146	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	318799	22.310	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	263298	52.985	ug/L	98
42) Toluene	10.386	91	908335	23.401	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	269201	23.200	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	161767	23.330	ug/L	96
46) Tetrachloroethene	10.861	164	155126	20.969	ug/L	92
48) 2-Hexanone	10.965	43	174648	51.569	ug/L	99
49) Dibromochloromethane	11.129	129	159840	22.378	ug/L	82
50) 1,2-Dibromoethane	11.233	107	147214	23.451	ug/L	97
51) Chlorobenzene	11.654	112	556535	22.260	ug/L	96
52) Ethylbenzene	11.727	91	984897	22.887	ug/L	98
53) m,p-Xylene	11.837	106	365554	22.457	ug/L	88
54) o-Xylene	12.166	106	352951	23.173	ug/L	96
55) Styrene	12.178	104	634293	24.401	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.715	83	195882	23.880	ug/L	99
59) Bromoform	12.349	173	96133	22.301	ug/L	96
60) Isopropylbenzene	12.459	105	945556	22.772	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142022	24.493	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	782711	23.622	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	763303	23.563	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	423142	22.401	ug/L	84
65) 1,4-Dichlorobenzene	13.574	146	444950	23.175	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	397105	23.332	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31240	23.758	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	296081	22.564	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	238452	22.319	ug/L	99
71) Naphthalene	15.360	128	466263	24.664	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230178	23.766	ug/L	98

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

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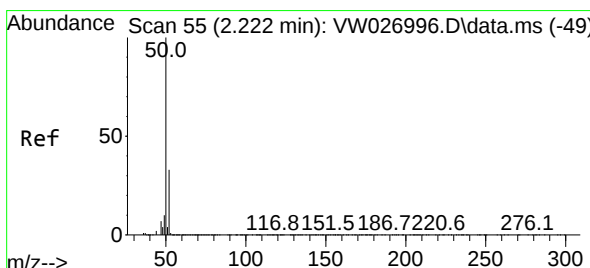
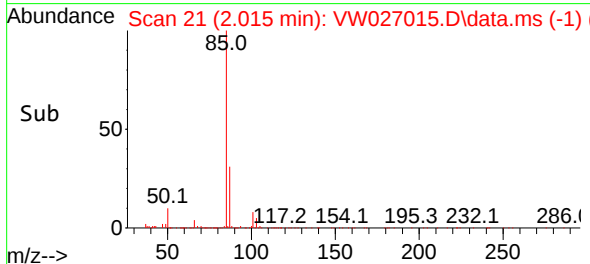
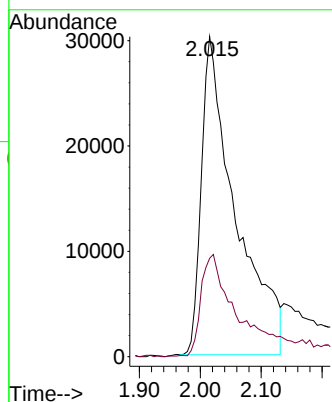
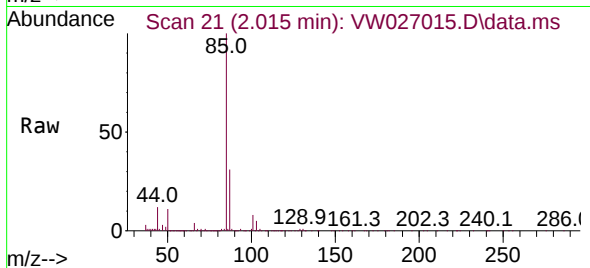




#2
 Dichlorodifluoromethane
 Concen: 17.791 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027015.D
 Acq: 07 Sep 2023 19:28

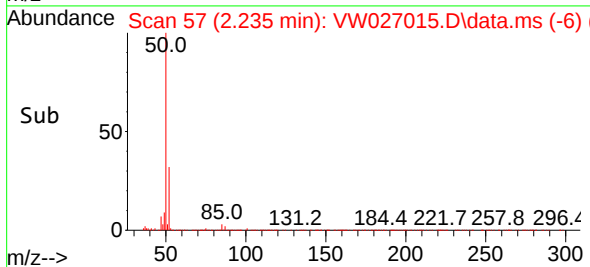
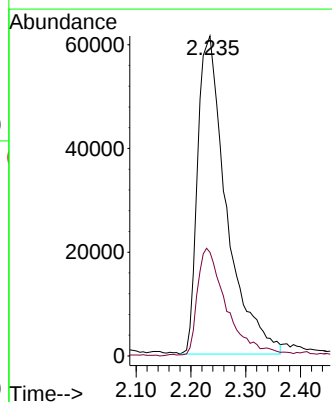
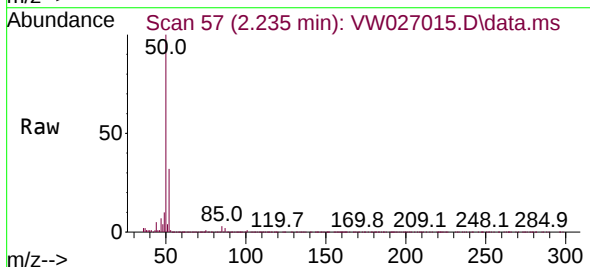
Instrument :
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 ClientSampleId :

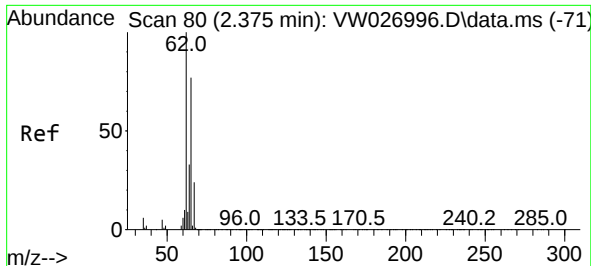
Tgt Ion: 85 Resp: 117228
 Ion Ratio Lower Upper
 85 100
 87 24.3 19.1 28.7



#3
 Chloromethane
 Concen: 22.585 ug/L
 RT: 2.235 min Scan# 57
 Delta R.T. 0.012 min
 Lab File: VW027015.D
 Acq: 07 Sep 2023 19:28

Tgt Ion: 50 Resp: 224459
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.1 44.7

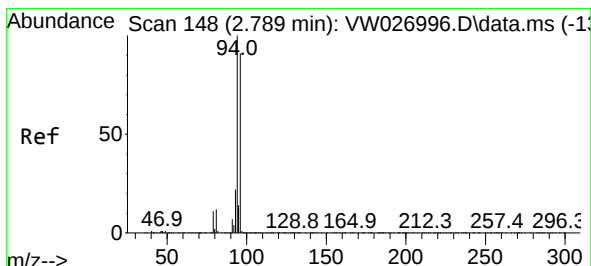
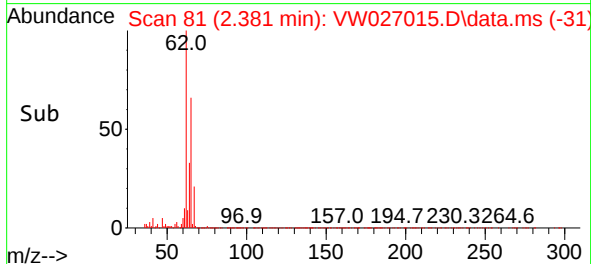
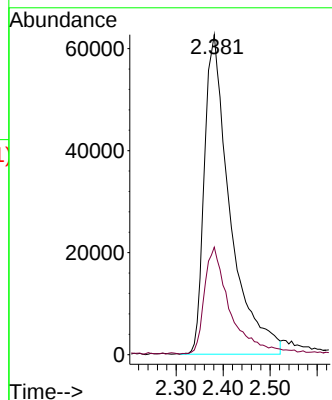
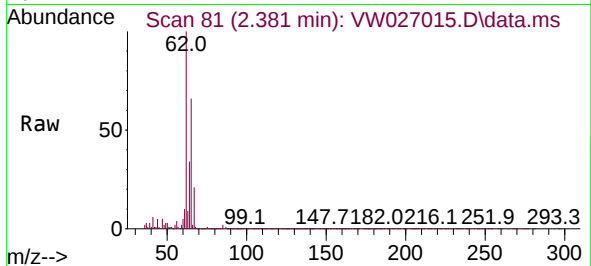




#5
 Vinyl chloride
 Concen: 20.952 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027015.D
 Acq: 07 Sep 2023 19:28

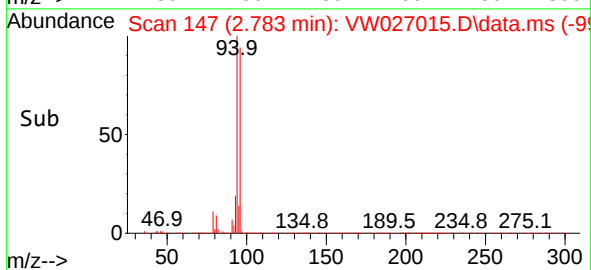
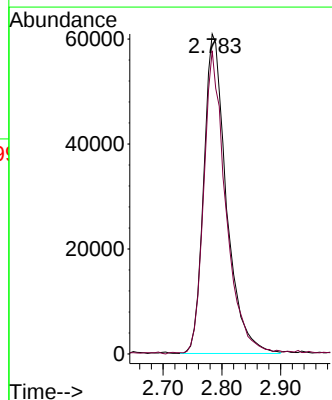
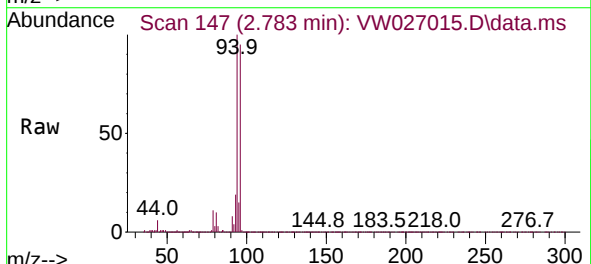
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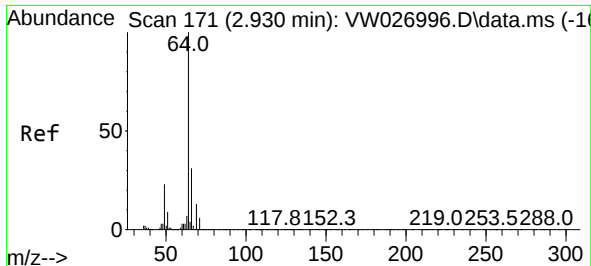
Tgt Ion: 62 Resp: 237534
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.3 41.3



#6
 Bromomethane
 Concen: 21.760 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027015.D
 Acq: 07 Sep 2023 19:28

Tgt Ion: 94 Resp: 162810
 Ion Ratio Lower Upper
 94 100
 96 94.7 62.6 116.2

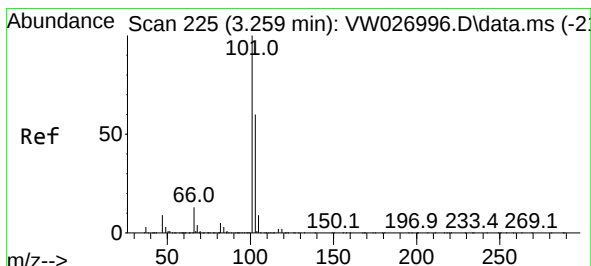
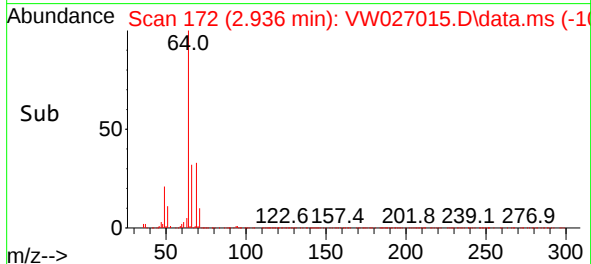
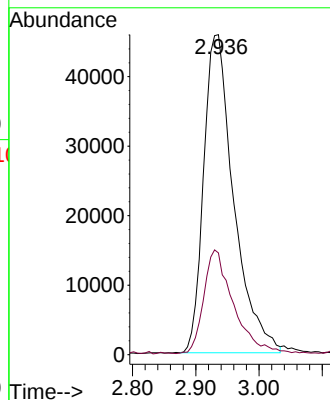
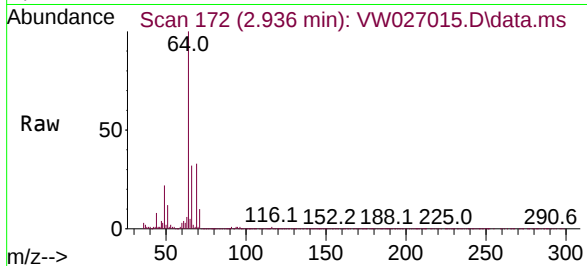




#8
Chloroethane
Concen: 21.308 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

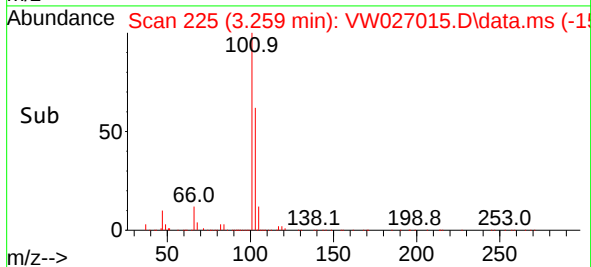
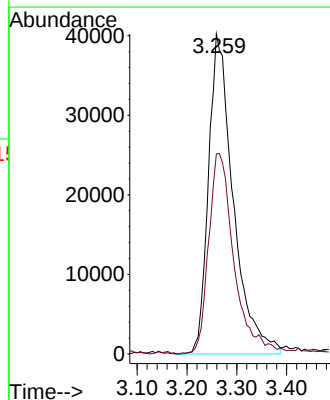
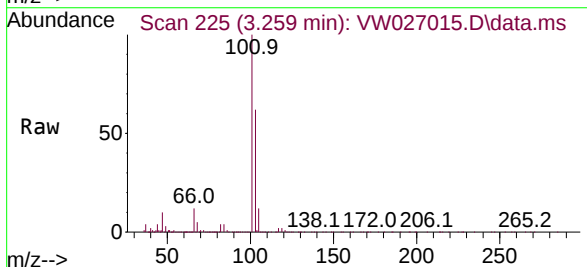
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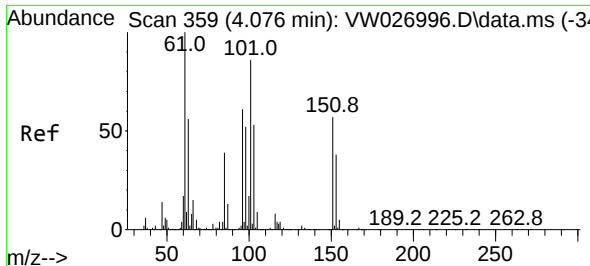
Tgt Ion: 64 Resp: 151579
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 21.071 ug/L
RT: 3.259 min Scan# 225
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion: 101 Resp: 138590
Ion Ratio Lower Upper
101 100
103 61.5 50.2 75.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.752 ug/L

RT: 4.064 min Scan# 359

Delta R.T. -0.012 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

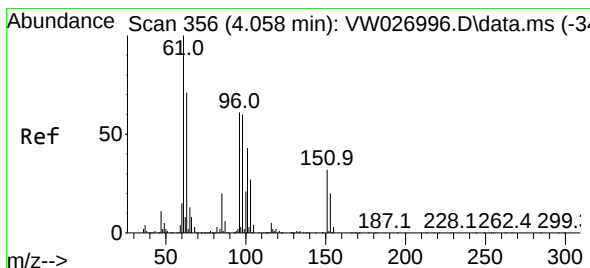
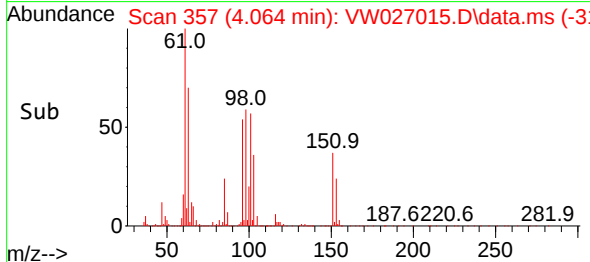
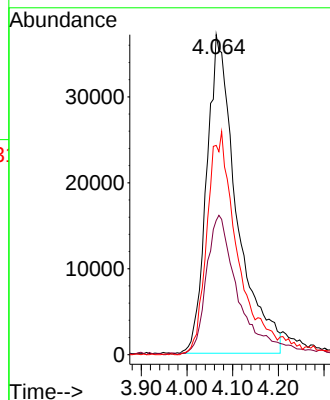
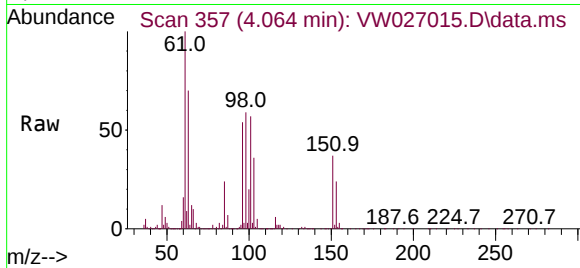
Tgt Ion:101 Resp: 169507

Ion Ratio Lower Upper

101 100

85 41.9 31.1 46.7

151 29.9 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 20.168 ug/L

RT: 4.058 min Scan# 356

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

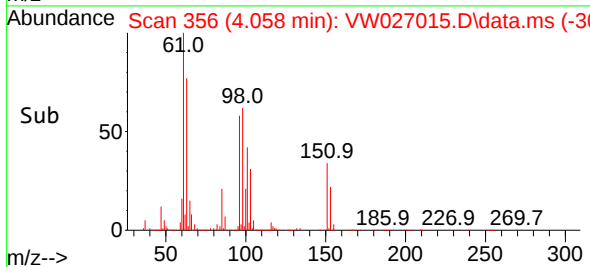
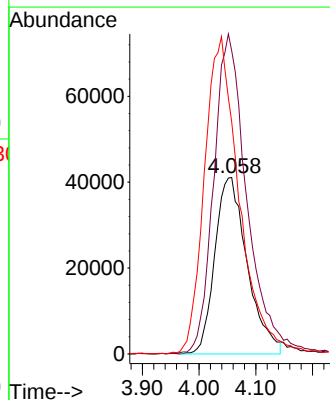
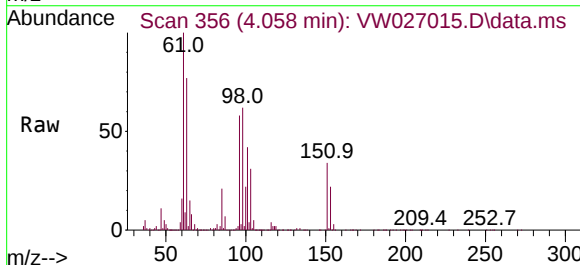
Tgt Ion: 96 Resp: 163214

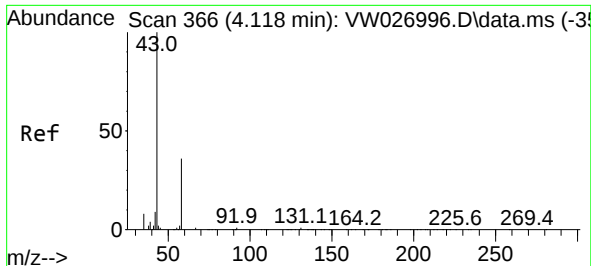
Ion Ratio Lower Upper

96 100

61 171.8 117.0 217.4

63 131.4 97.3 180.7

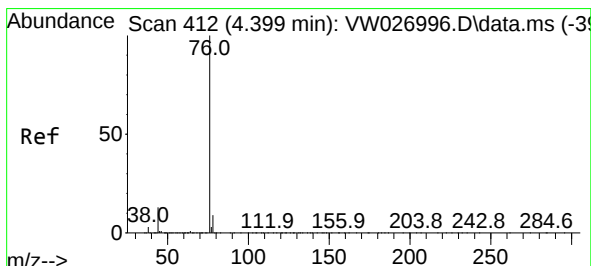
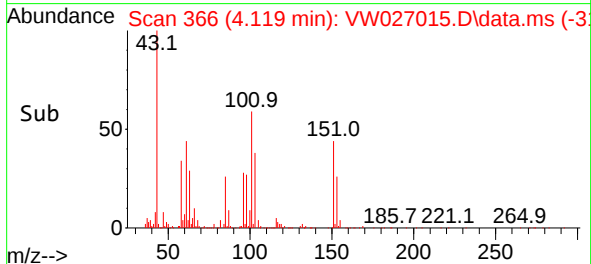
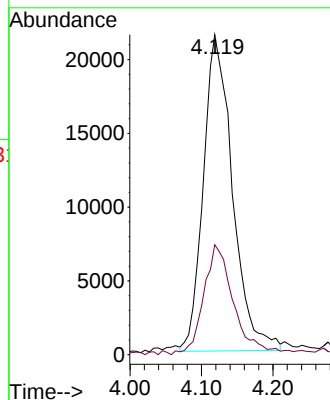
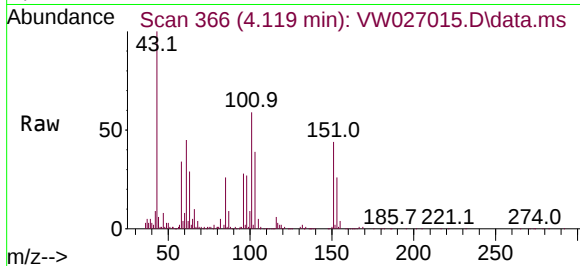




#13
Acetone
Concen: 35.192 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

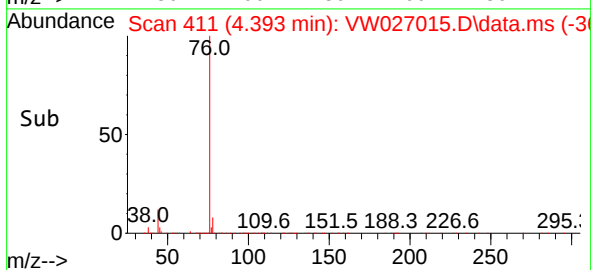
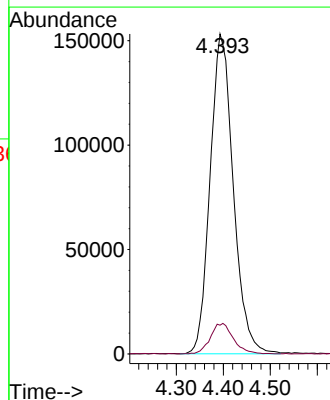
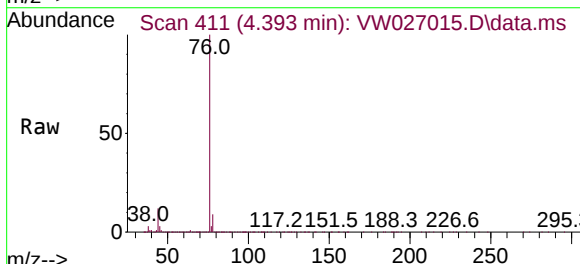
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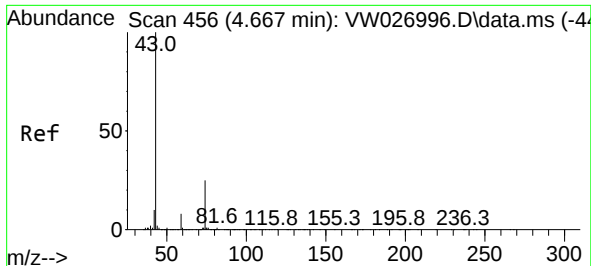
Tgt Ion: 43 Resp: 60757
Ion Ratio Lower Upper
43 100
58 33.1 0.0 66.4



#14
Carbon disulfide
Concen: 20.206 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion: 76 Resp: 524480
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

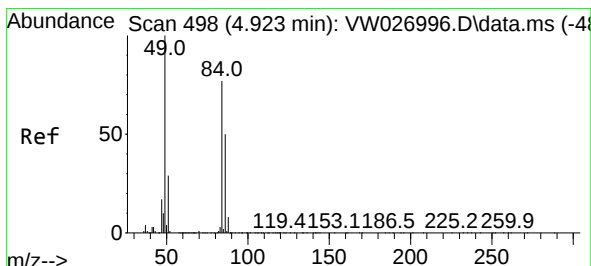
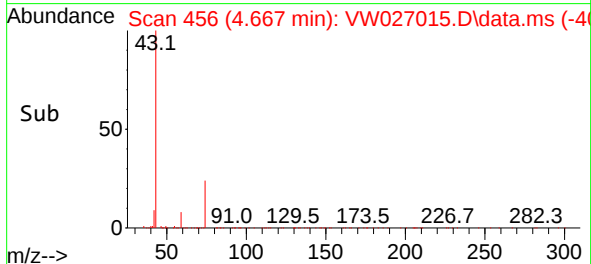
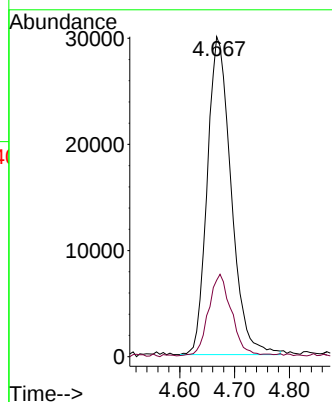
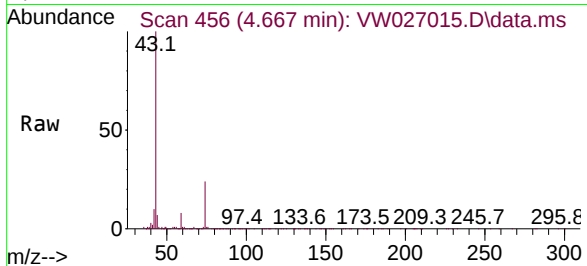




#15
Methyl Acetate
Concen: 25.210 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

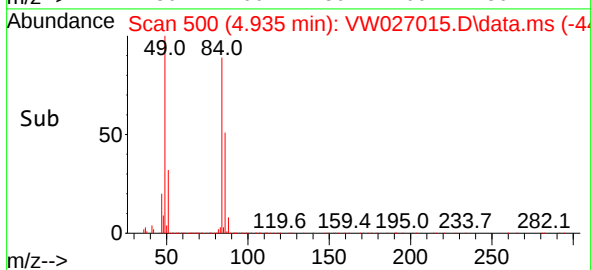
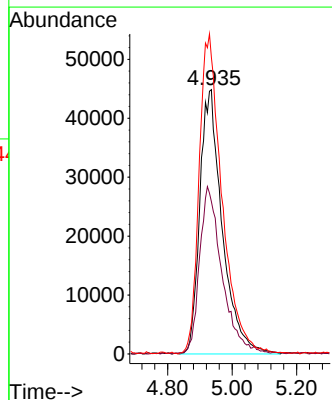
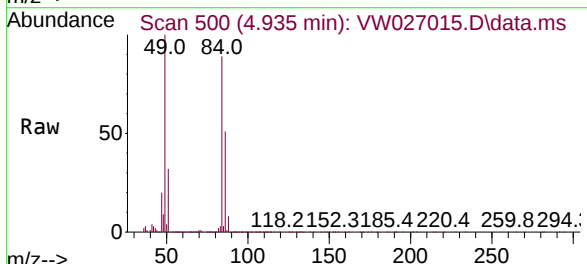
Instrument :
MSVOA_W
ClientSampleId :

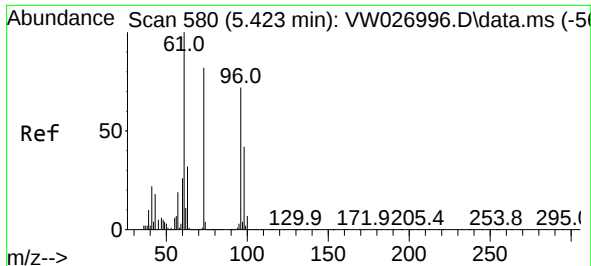
Tgt Ion: 43 Resp: 90494
Ion Ratio Lower Upper
43 100
74 24.8 0.1 0.1#



#16
Methylene chloride
Concen: 19.526 ug/L
RT: 4.935 min Scan# 500
Delta R.T. 0.012 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

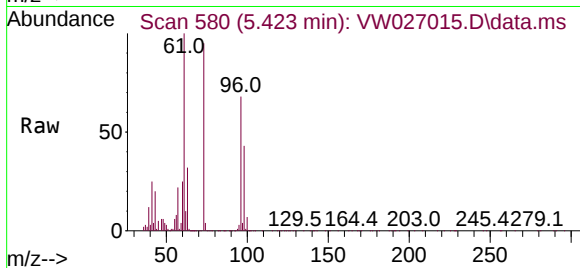
Tgt Ion: 84 Resp: 216680
Ion Ratio Lower Upper
84 100
86 57.6 44.1 81.9
49 112.1 82.1 152.5



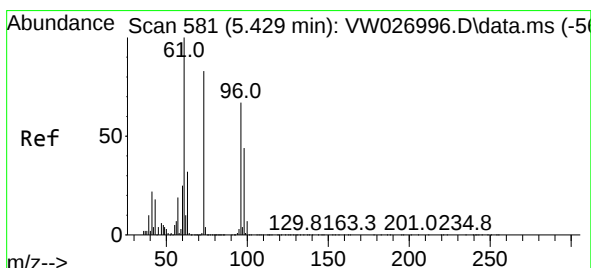
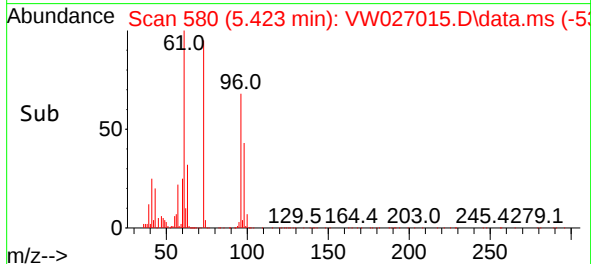
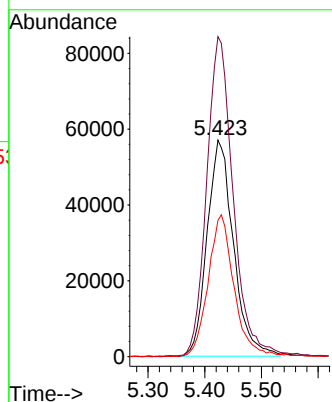


#17
trans-1,2-Dichloroethene
Concen: 20.777 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Instrument :
MSVOA_W
ClientSampleId :

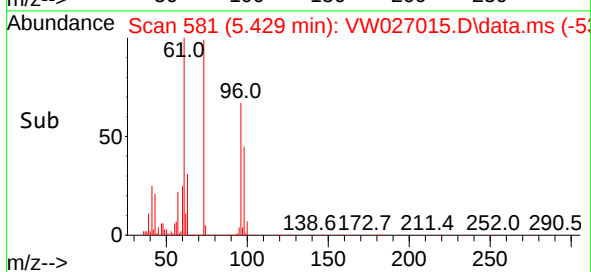
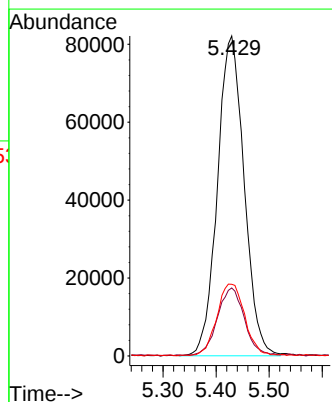
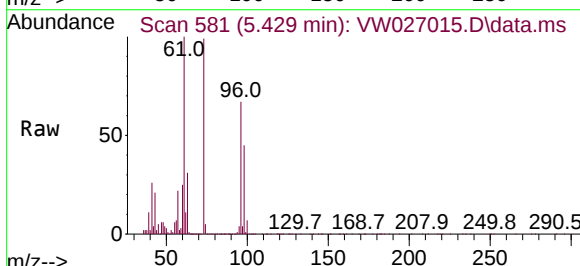


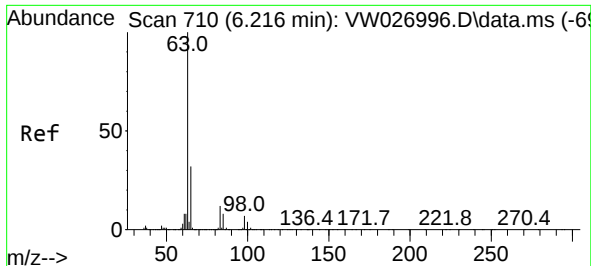
Tgt Ion: 96 Resp: 184030
Ion Ratio Lower Upper
96 100
61 147.9 100.3 186.3
98 63.0 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 23.233 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion: 73 Resp: 286553
Ion Ratio Lower Upper
73 100
43 21.1 16.5 24.7
57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 22.744 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

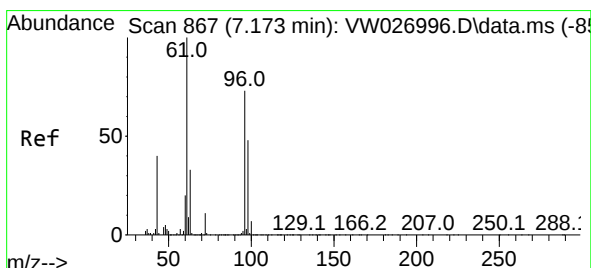
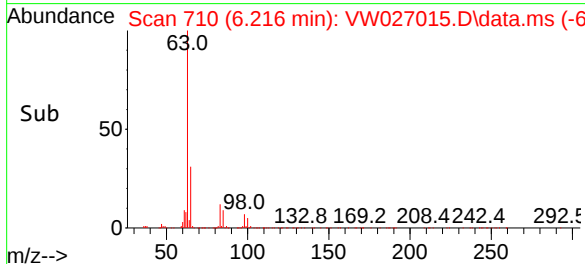
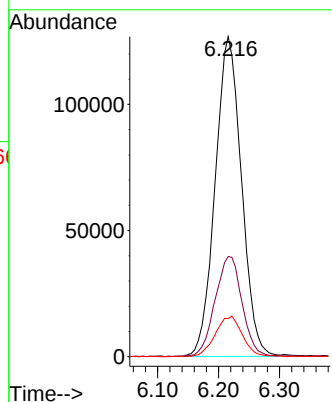
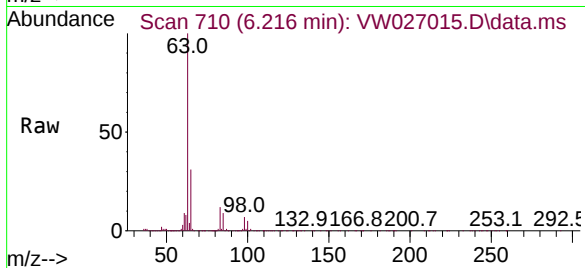
Tgt Ion: 63 Resp: 379757

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 11.9 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 22.632 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

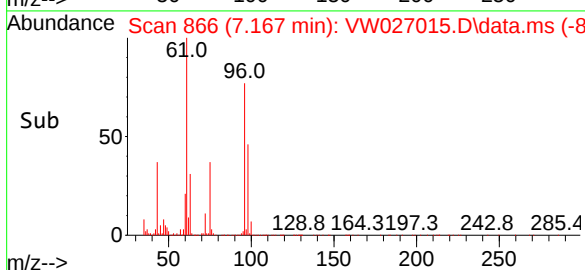
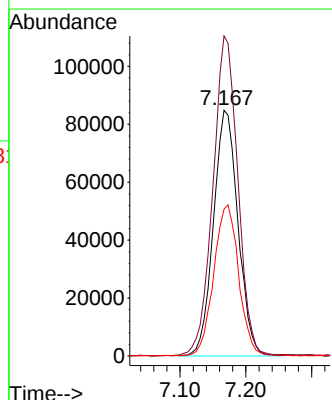
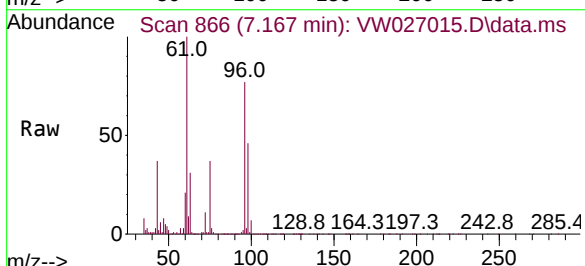
Tgt Ion: 96 Resp: 220608

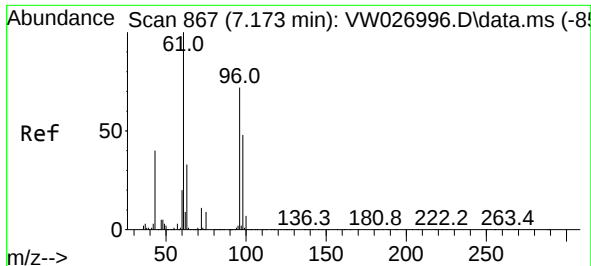
Ion Ratio Lower Upper

96 100

61 130.2 89.0 165.4

98 59.7 43.6 81.0

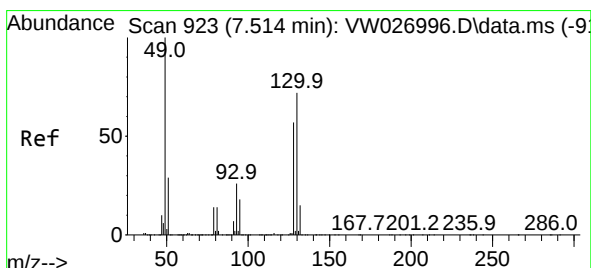
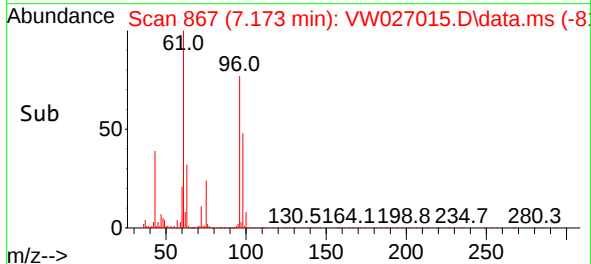
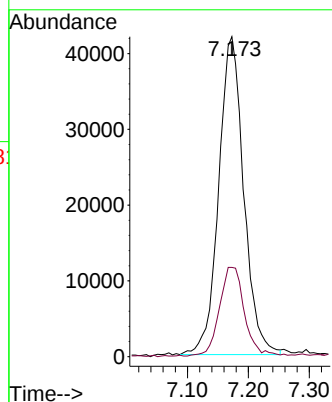
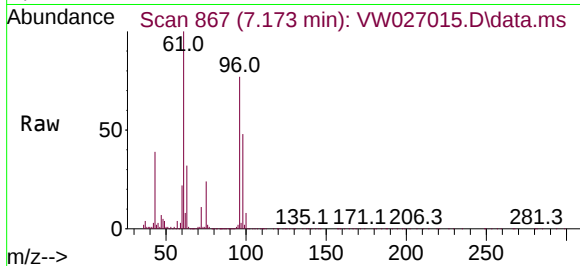




#22
2-Butanone
Concen: 43.144 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

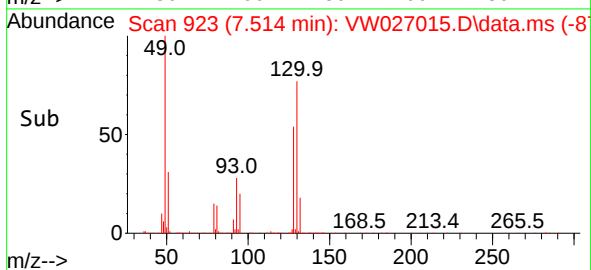
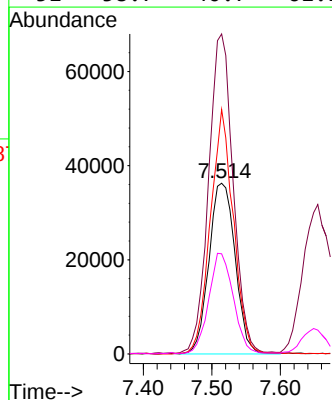
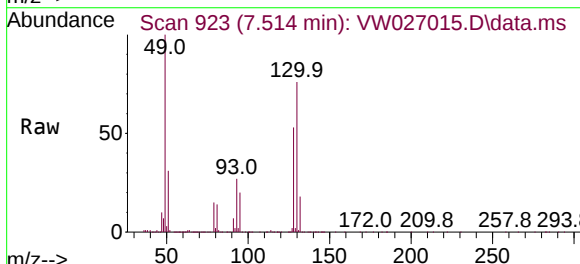
Instrument :
MSVOA_W
ClientSampleId :

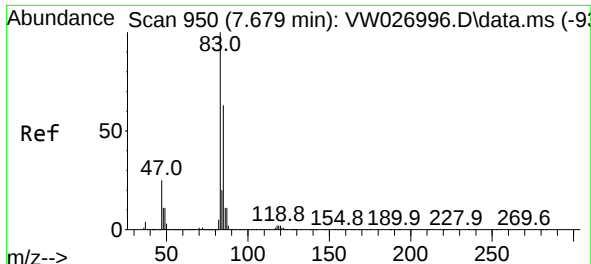
Tgt Ion: 43 Resp: 119850
Ion Ratio Lower Upper
43 100
72 27.0 14.4 43.0



#23
Bromochloromethane
Concen: 22.762 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion: 128 Resp: 96287
Ion Ratio Lower Upper
128 100
49 187.4 111.6 207.2
130 143.2 90.9 168.7
51 58.7 40.7 61.1

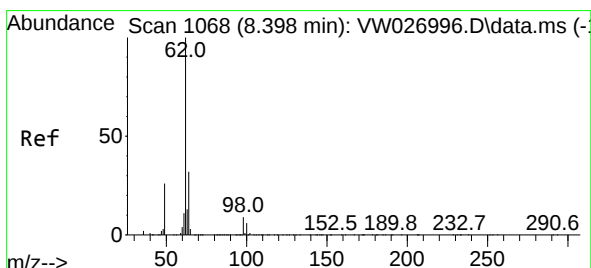
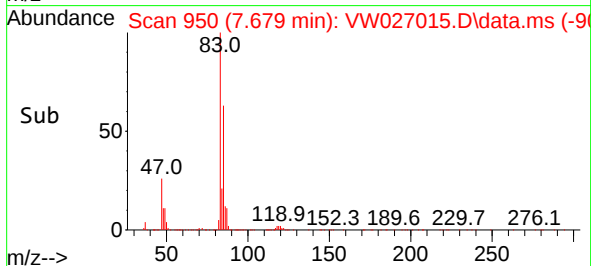
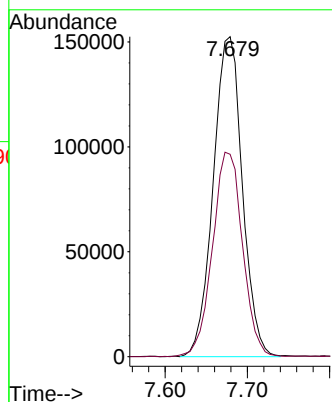
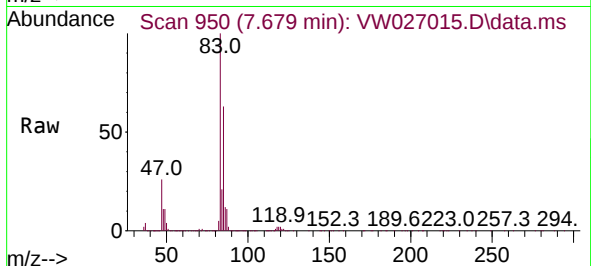




#25
Chloroform
Concen: 22.965 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

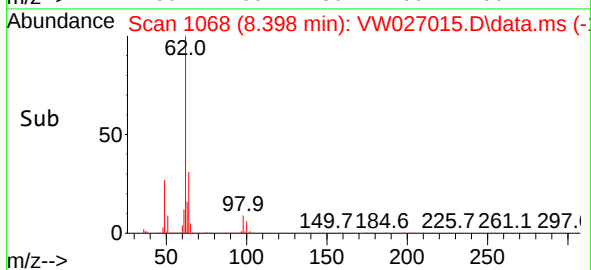
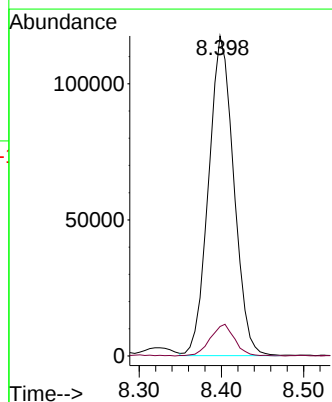
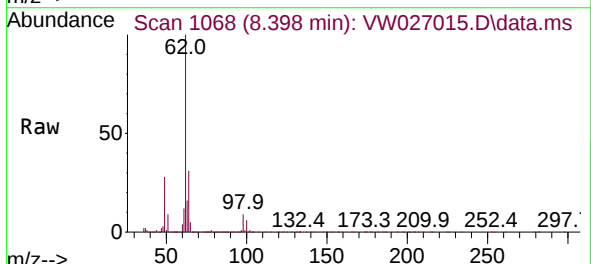
Instrument :
MSVOA_W
ClientSampleId :

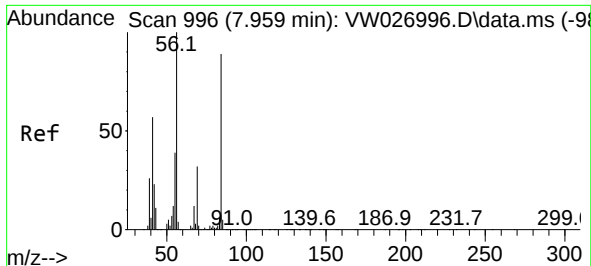
Tgt Ion: 83 Resp: 376076
Ion Ratio Lower Upper
83 100
85 63.2 47.3 87.9



#27
1,2-Dichloroethane
Concen: 24.197 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion: 62 Resp: 250446
Ion Ratio Lower Upper
62 100
98 9.2 7.6 11.4





#29

Cyclohexane

Concen: 21.256 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

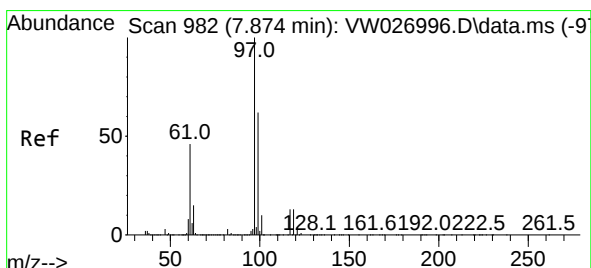
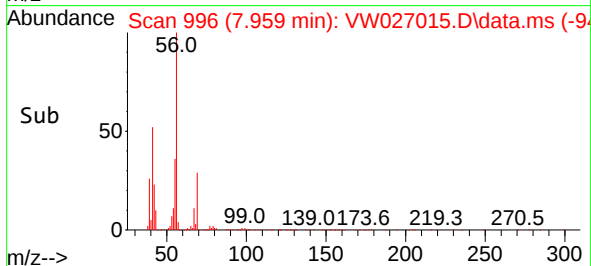
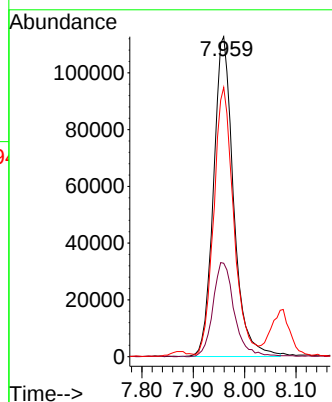
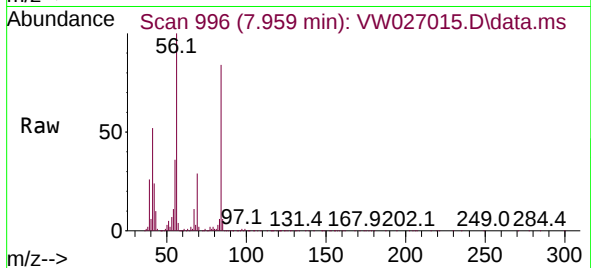
Tgt Ion: 56 Resp: 305656

Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

84 83.5 68.2 102.4



#30

1,1,1-Trichloroethane

Concen: 21.094 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

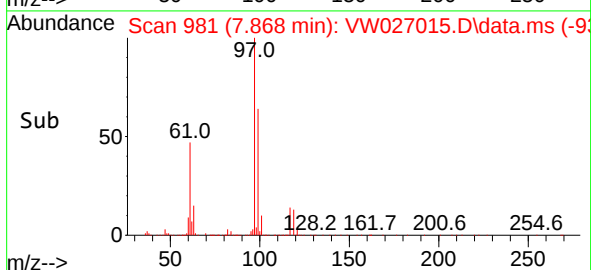
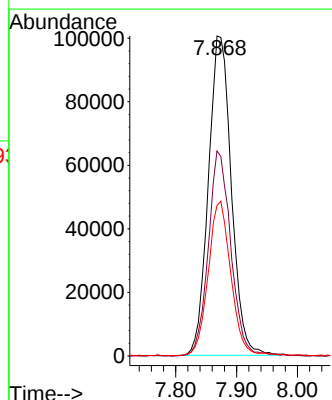
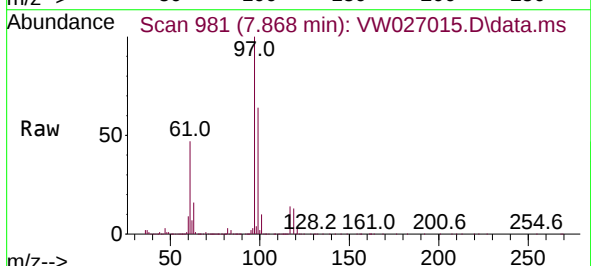
Tgt Ion: 97 Resp: 263526

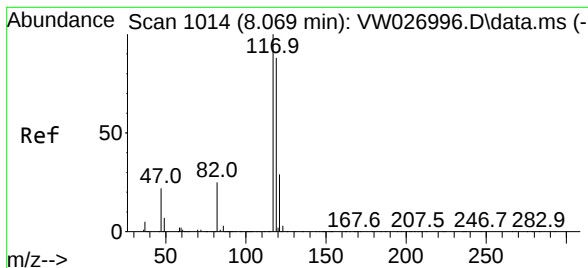
Ion Ratio Lower Upper

97 100

99 62.9 50.8 76.2

61 47.2 37.6 56.4





#31

Carbon tetrachloride

Concen: 21.518 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

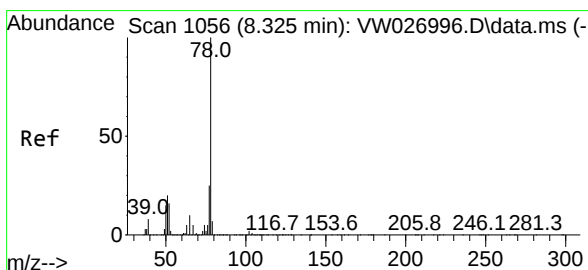
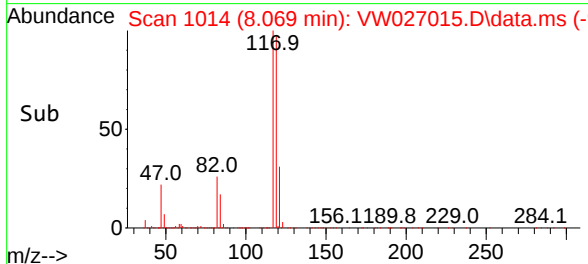
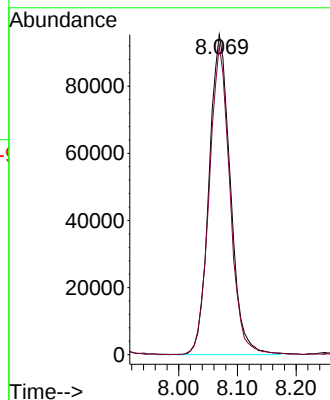
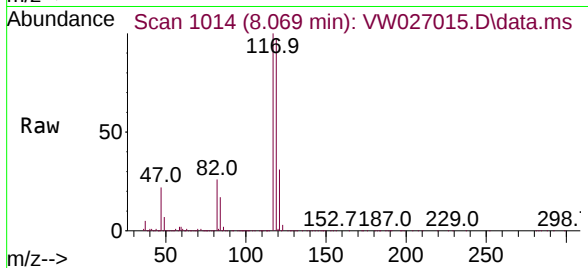
ClientSampleId :

Tgt Ion:117 Resp: 239595

Ion Ratio Lower Upper

117 100

119 94.1 76.1 114.1



#33

Benzene

Concen: 22.741 ug/L

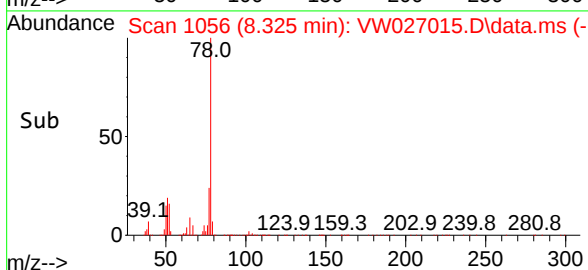
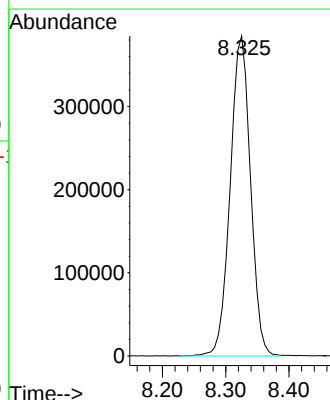
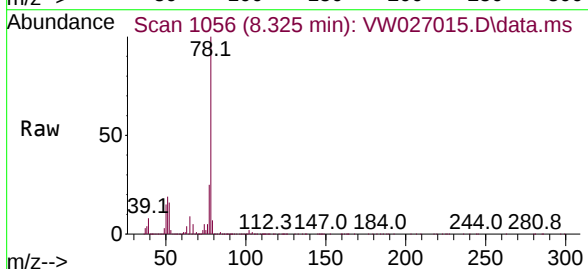
RT: 8.325 min Scan# 1056

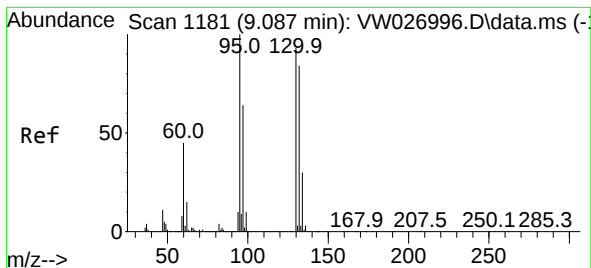
Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Tgt Ion: 78 Resp: 857743





#34

Trichloroethene

Concen: 21.617 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

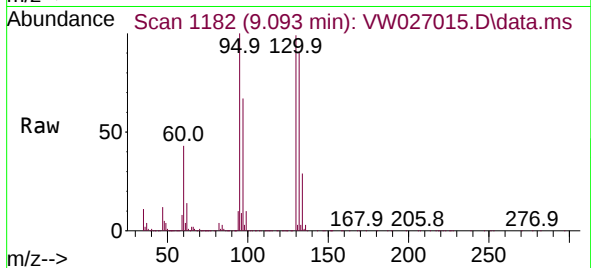
Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 209500

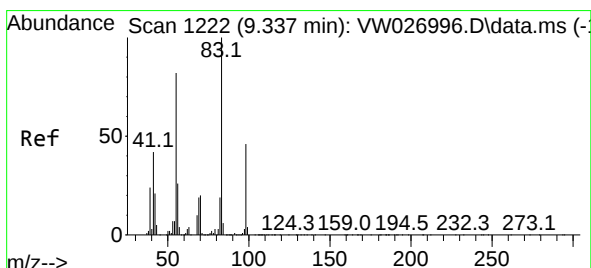
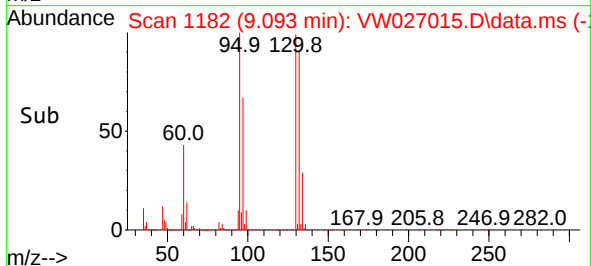
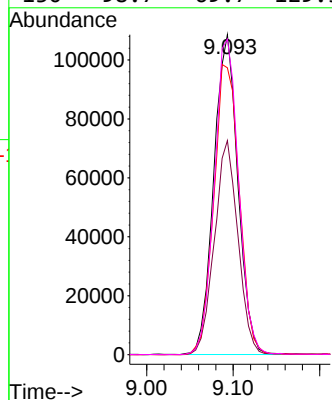
Ion Ratio Lower Upper

95 100

97 66.9 42.4 78.8

132 89.7 63.1 117.3

130 98.7 69.7 129.5



#35

Methylcyclohexane

Concen: 20.566 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

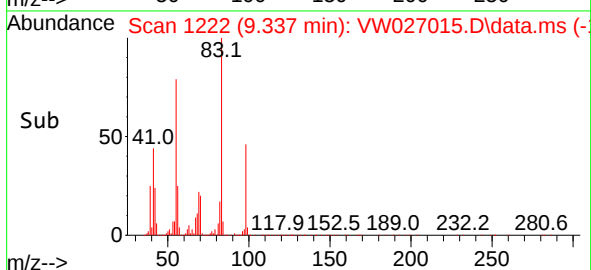
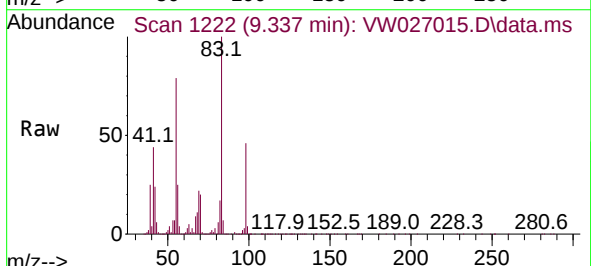
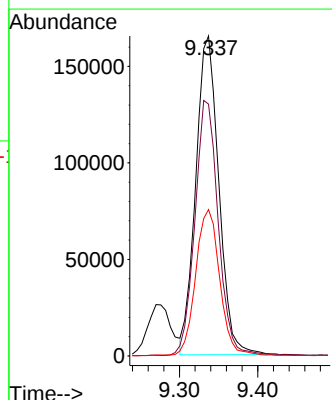
Tgt Ion: 83 Resp: 338651

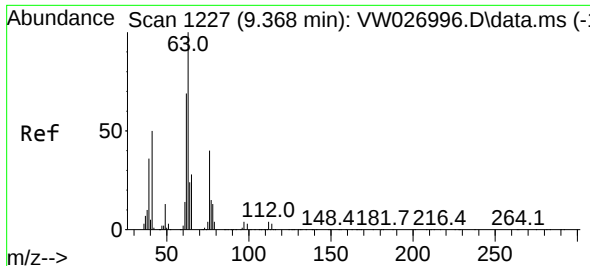
Ion Ratio Lower Upper

83 100

55 81.4 61.7 92.5

98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 23.523 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

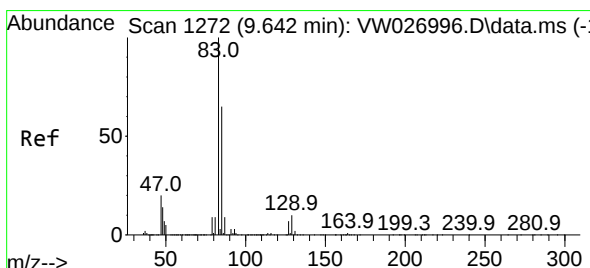
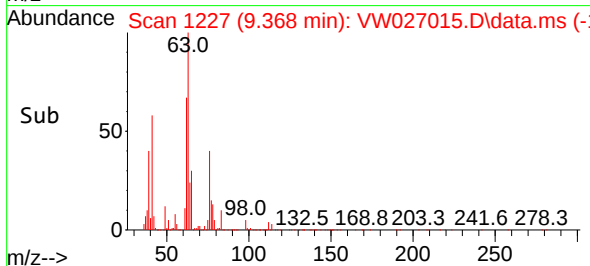
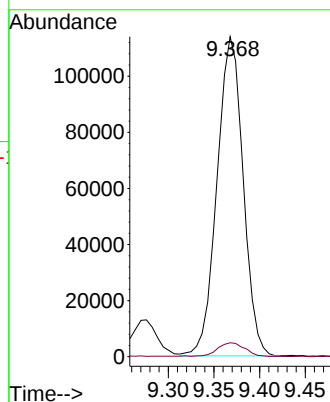
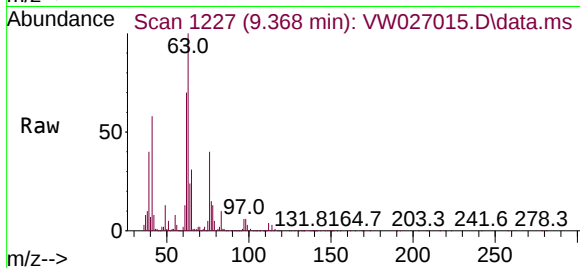
ClientSampleId :

Tgt Ion: 63 Resp: 226419

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 23.146 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

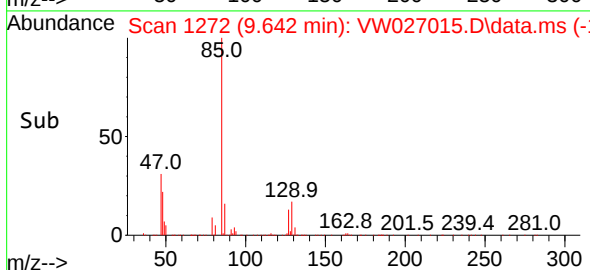
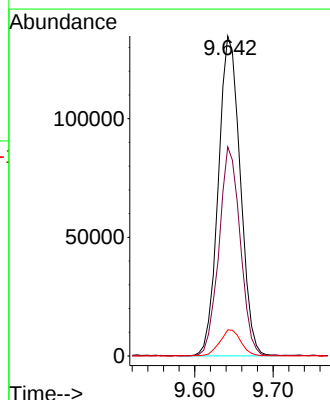
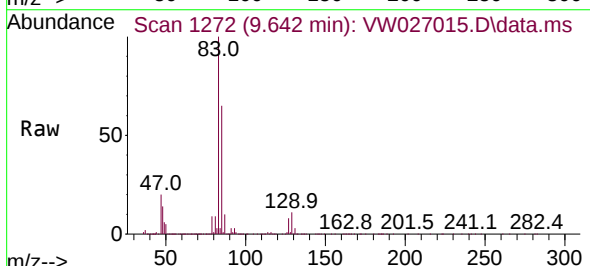
Tgt Ion: 83 Resp: 262374

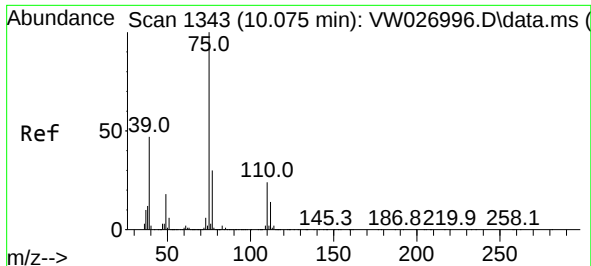
Ion Ratio Lower Upper

83 100

85 65.4 44.4 82.4

127 8.1 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 22.310 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

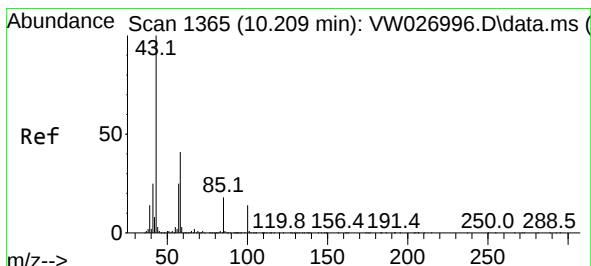
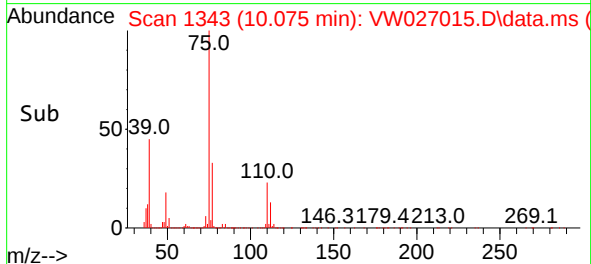
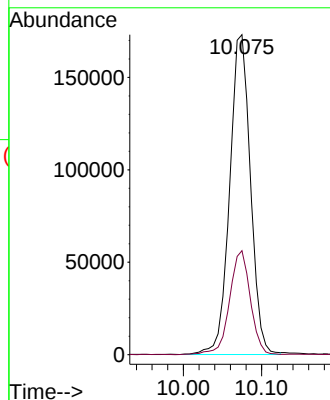
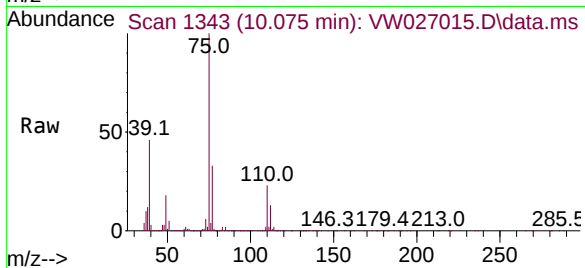
ClientSampleId :

Tgt Ion: 75 Resp: 318799

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.985 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

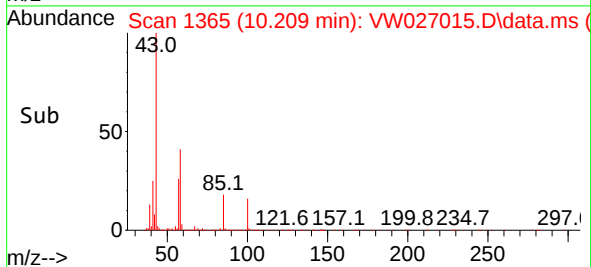
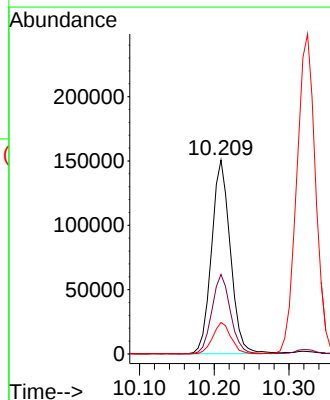
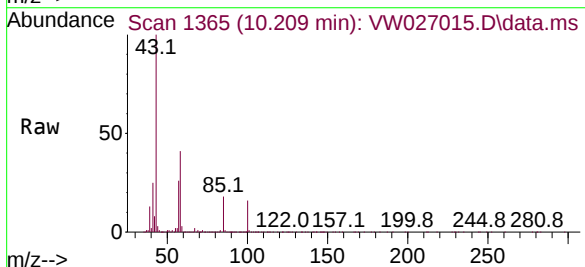
Tgt Ion: 43 Resp: 263298

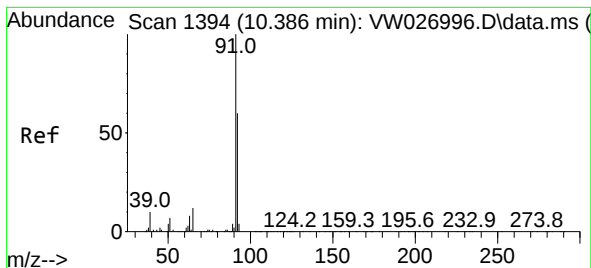
Ion Ratio Lower Upper

43 100

58 40.6 33.4 50.2

100 15.9 13.0 19.4





#42

Toluene

Concen: 23.401 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

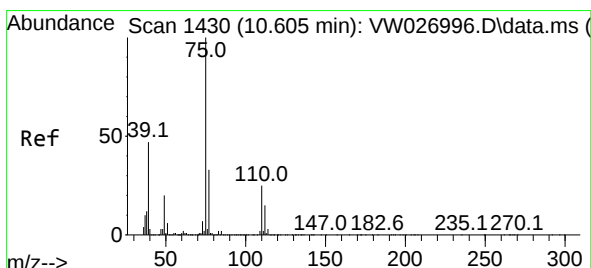
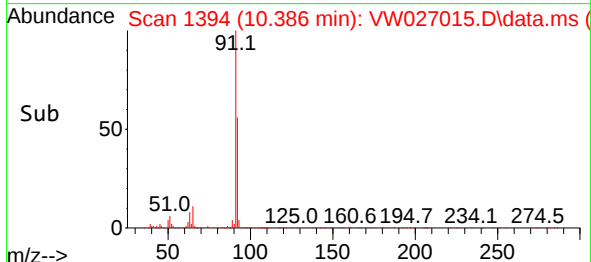
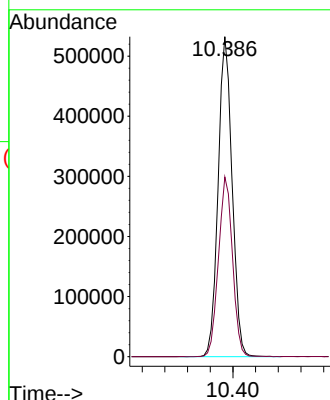
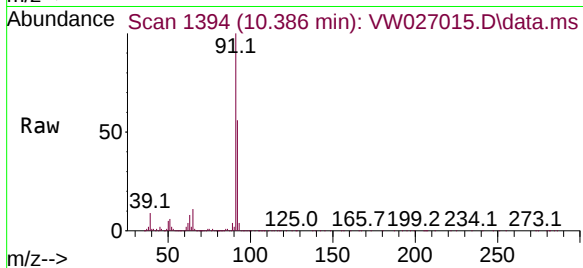
ClientSampleId :

Tgt Ion: 91 Resp: 908335

Ion Ratio Lower Upper

91 100

92 56.2 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 23.200 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027015.D

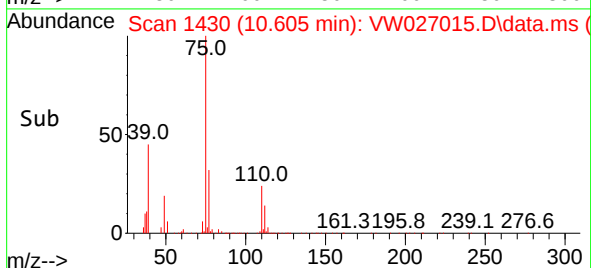
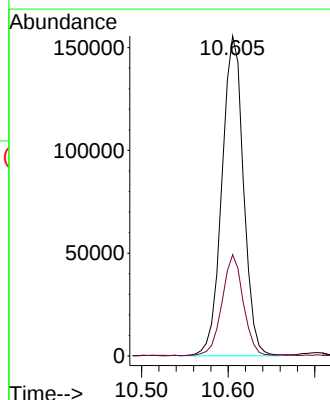
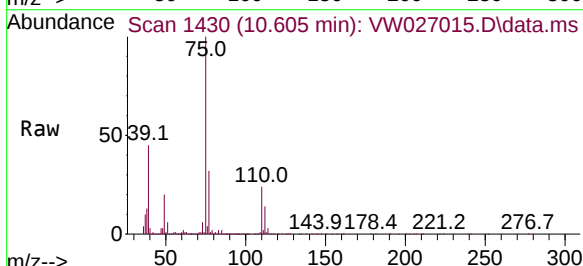
Acq: 07 Sep 2023 19:28

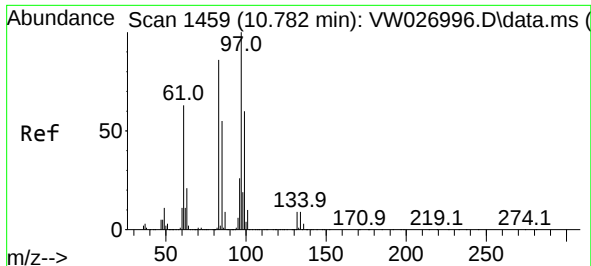
Tgt Ion: 75 Resp: 269201

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 23.330 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 161767

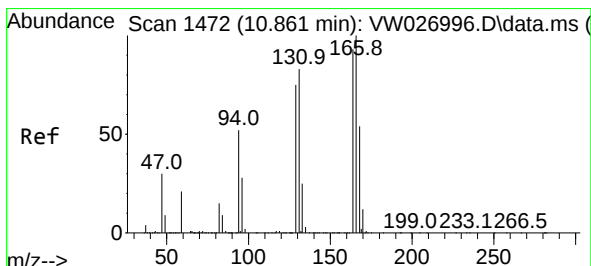
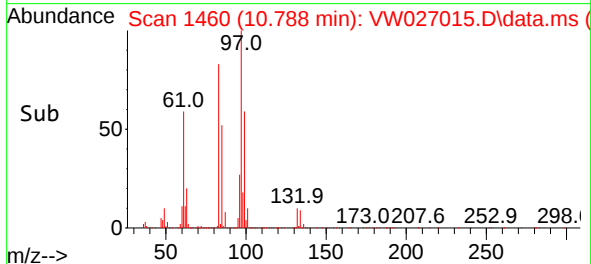
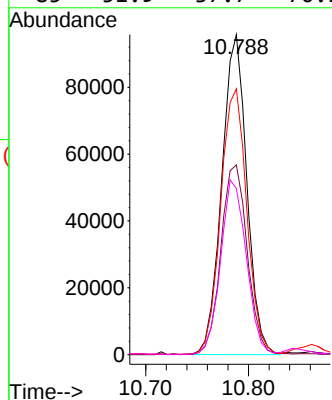
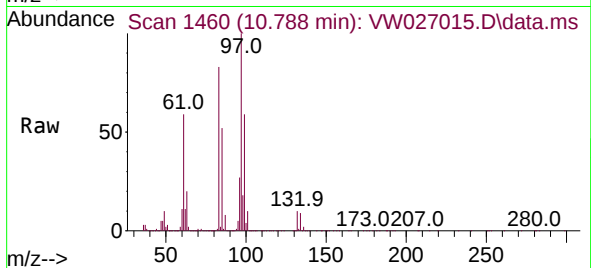
Ion Ratio Lower Upper

97 100

99 59.3 44.7 82.9

83 83.1 60.9 113.1

85 51.9 37.7 70.1



#46

Tetrachloroethene

Concen: 20.969 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Tgt Ion:164 Resp: 155126

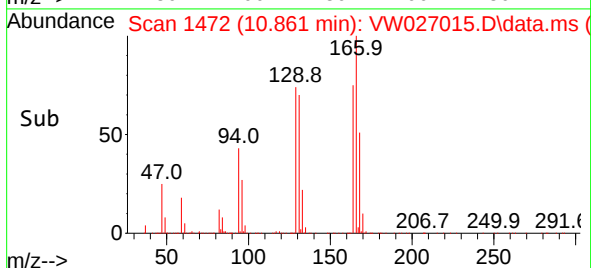
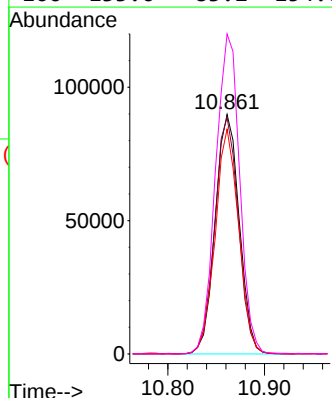
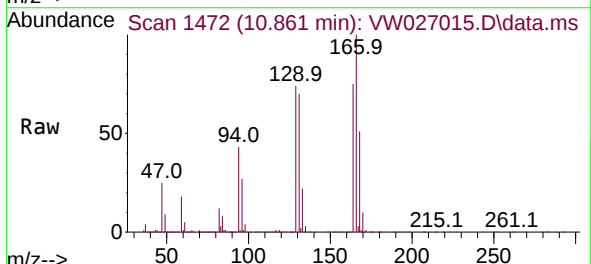
Ion Ratio Lower Upper

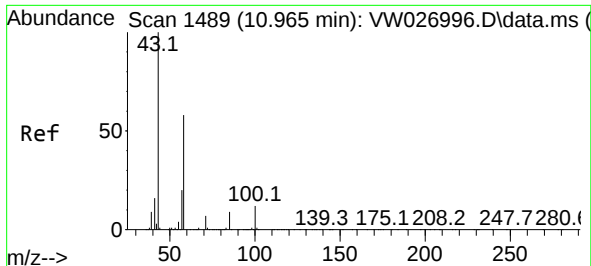
164 100

129 98.7 71.4 132.6

131 93.8 60.8 113.0

166 133.6 83.2 154.6

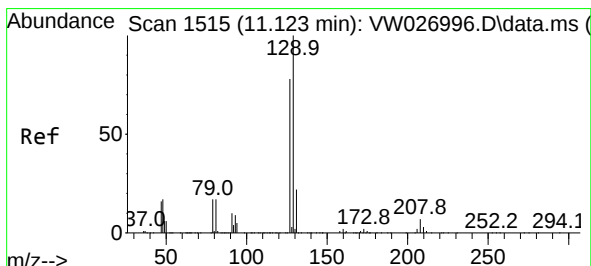
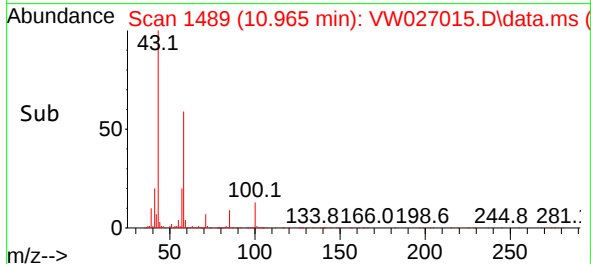
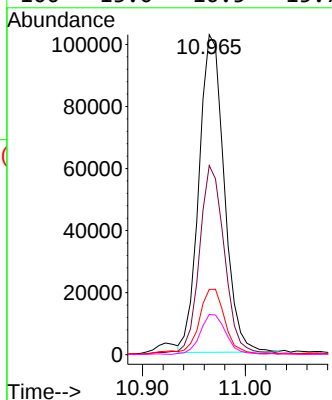
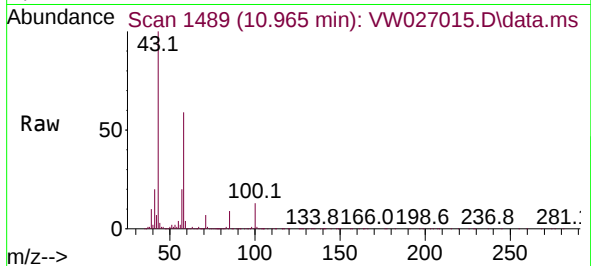




#48
2-Hexanone
Concen: 51.569 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

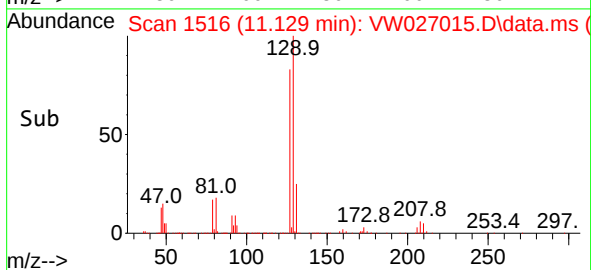
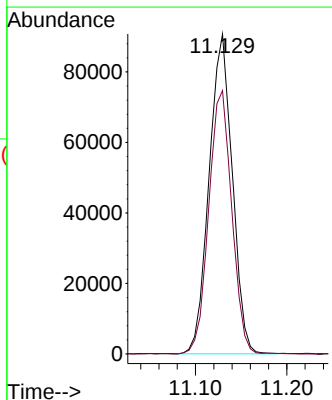
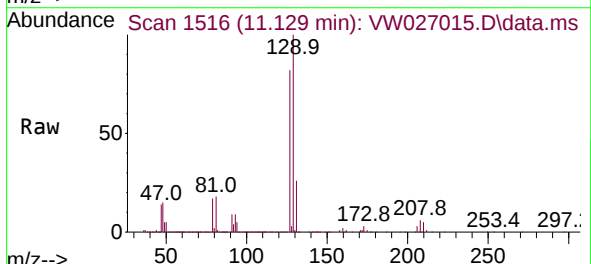
Instrument :
MSVOA_W
ClientSampleId :

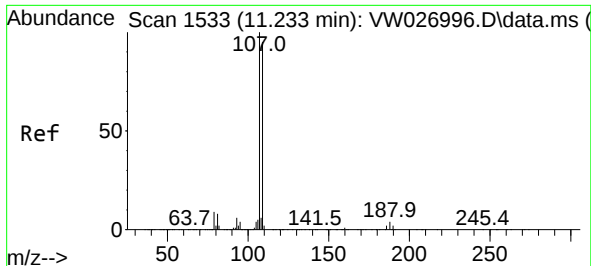
Tgt Ion:	43	Resp:	174648
Ion	Ratio	Lower	Upper
43	100		
58	59.9	47.5	71.3
57	20.9	15.2	22.8
100	13.0	10.5	15.7



#49
Dibromochloromethane
Concen: 22.378 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion:	129	Resp:	159840
Ion	Ratio	Lower	Upper
129	100		
127	82.3	47.5	88.3





#50

1,2-Dibromoethane

Concen: 23.451 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027015.D

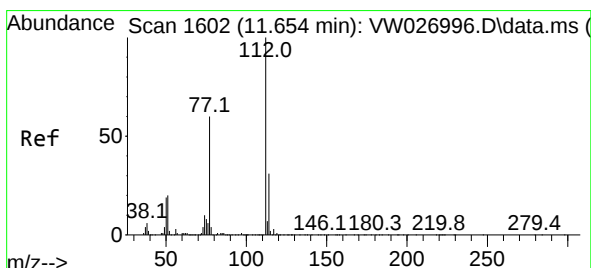
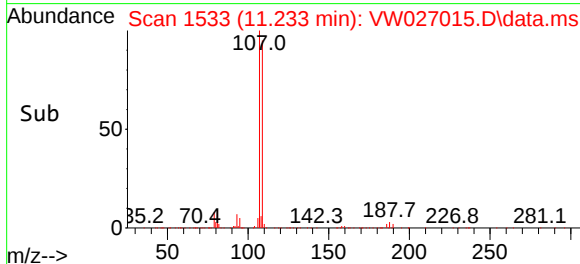
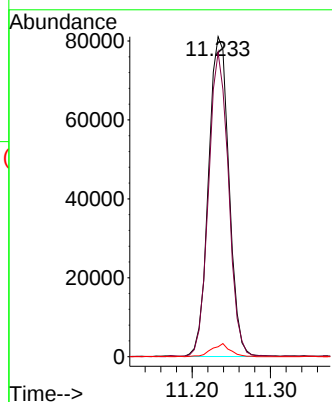
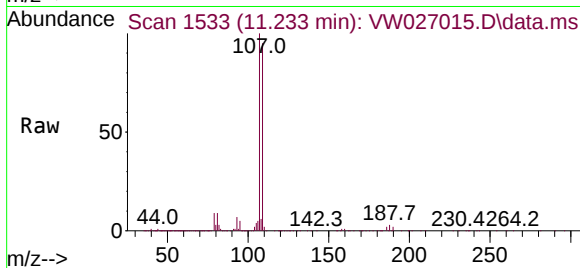
Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	147214
Ion	Ratio	Lower	Upper
107	100		
109	95.1	68.5	127.1
188	3.1	2.9	4.3



#51

Chlorobenzene

Concen: 22.260 ug/L

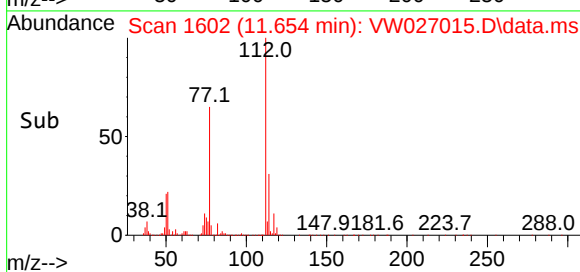
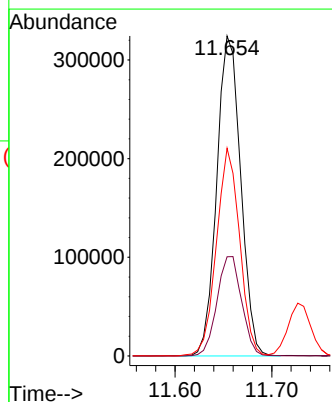
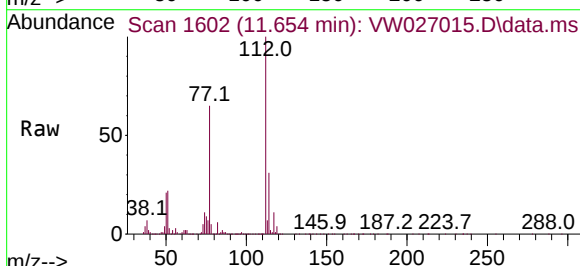
RT: 11.654 min Scan# 1602

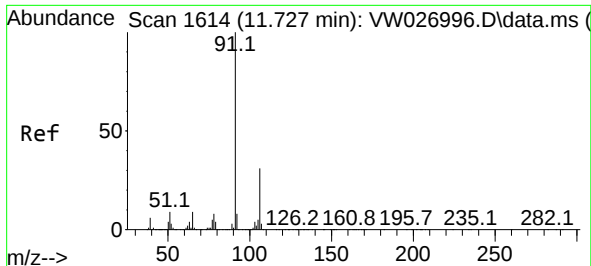
Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Tgt Ion:	112	Resp:	556535
Ion	Ratio	Lower	Upper
112	100		
114	31.0	20.5	38.1
77	64.9	49.5	74.3





#52

Ethylbenzene

Concen: 22.887 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

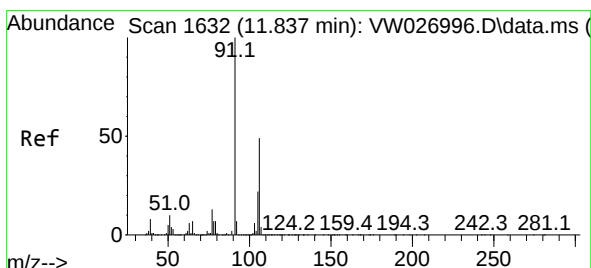
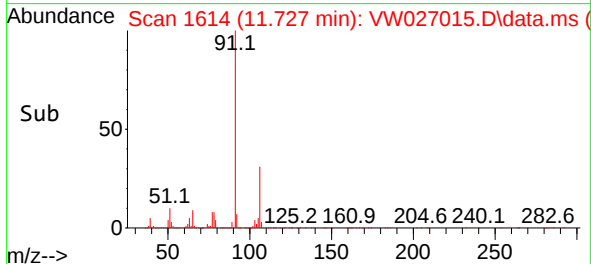
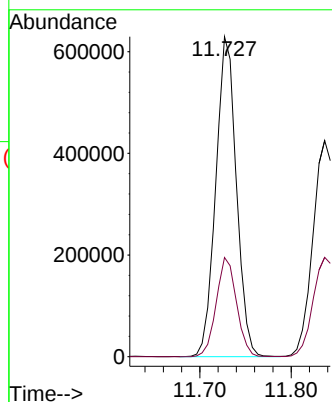
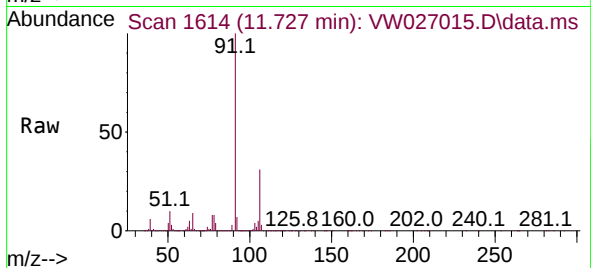
ClientSampleId :

Tgt Ion: 91 Resp: 984897

Ion Ratio Lower Upper

91 100

106 31.0 21.1 39.3



#53

m,p-Xylene

Concen: 22.457 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW027015.D

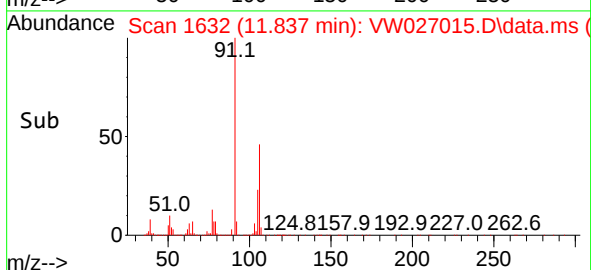
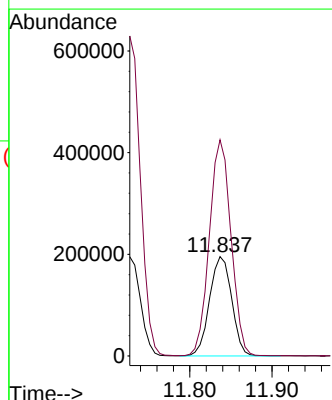
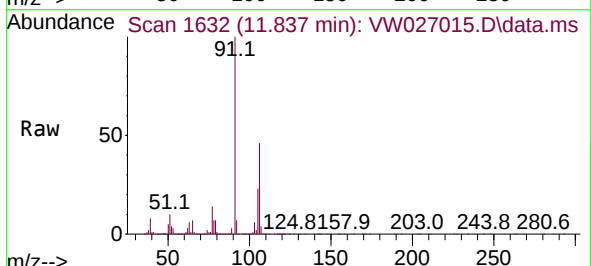
Acq: 07 Sep 2023 19:28

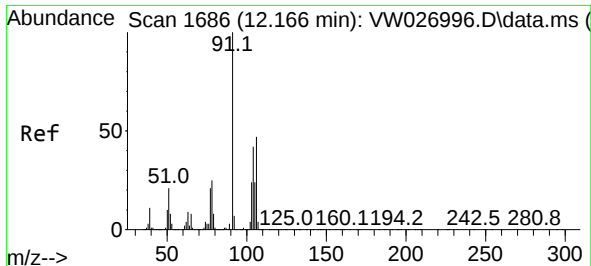
Tgt Ion:106 Resp: 365554

Ion Ratio Lower Upper

106 100

91 217.3 139.6 259.2

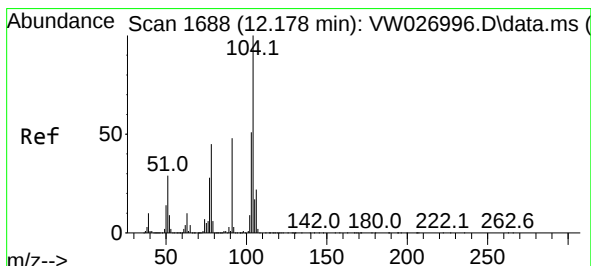
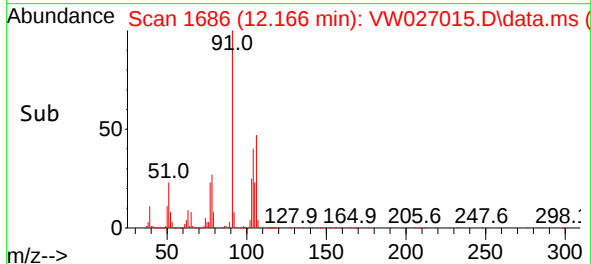
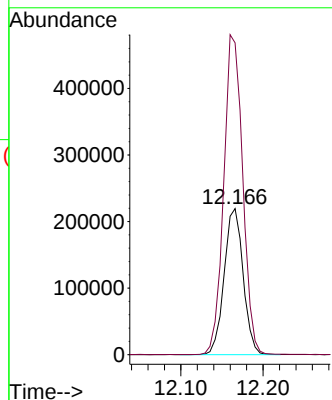
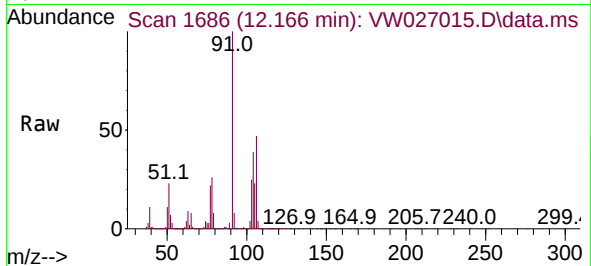




#54
o-Xylene
Concen: 23.173 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

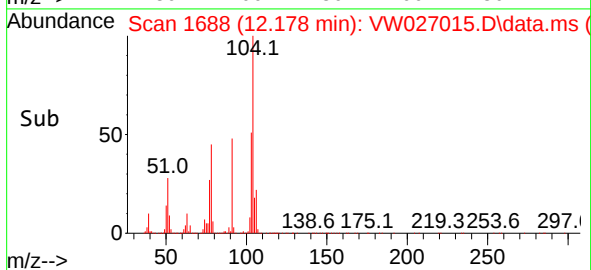
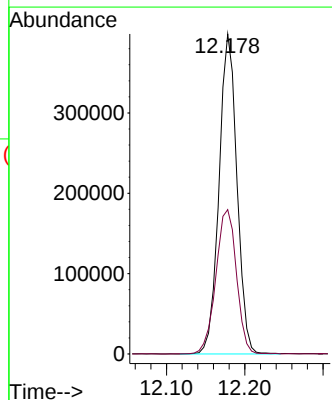
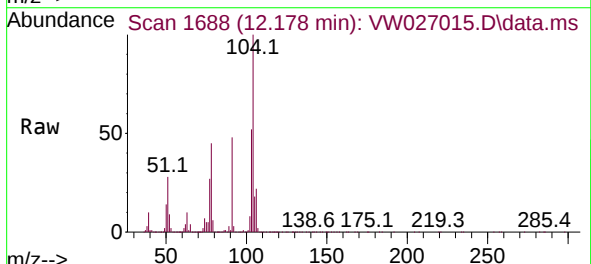
Instrument :
MSVOA_W
ClientSampleId :

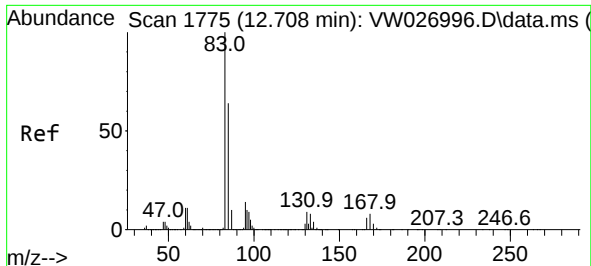
Tgt Ion:106 Resp: 352951
Ion Ratio Lower Upper
106 100
91 213.3 154.0 286.0



#55
Styrene
Concen: 24.401 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion:104 Resp: 634293
Ion Ratio Lower Upper
104 100
78 45.1 35.2 65.4





#57

1,1,2,2-Tetrachloroethane

Concen: 23.880 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

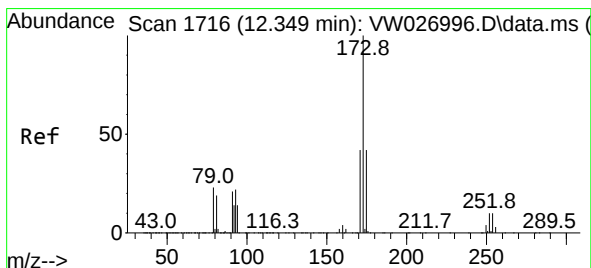
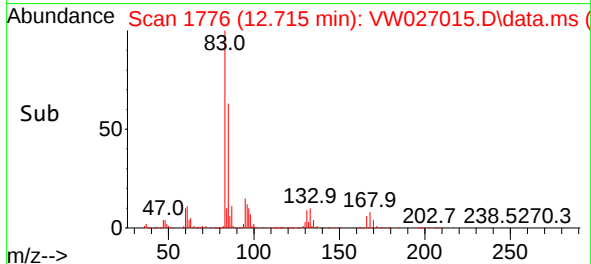
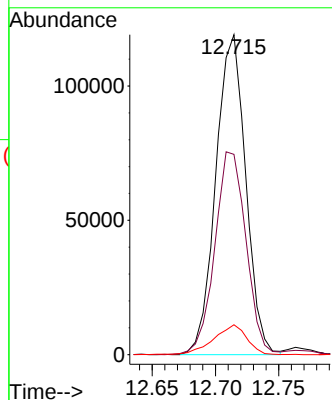
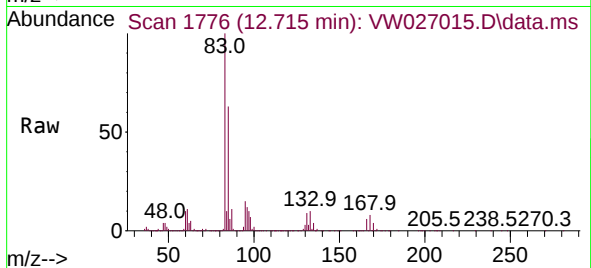
Tgt Ion: 83 Resp: 195882

Ion Ratio Lower Upper

83 100

85 62.6 44.1 81.9

131 9.4 7.2 10.8



#59

Bromoform

Concen: 22.301 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

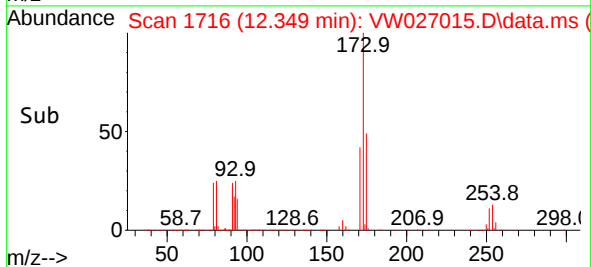
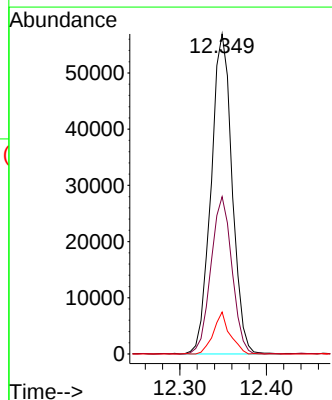
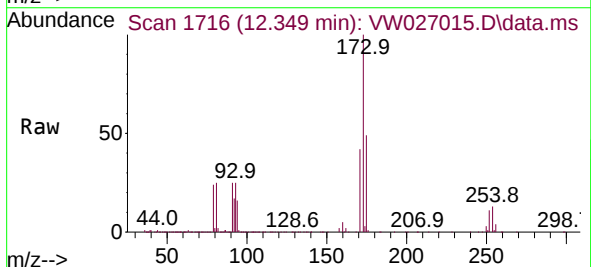
Tgt Ion: 173 Resp: 96133

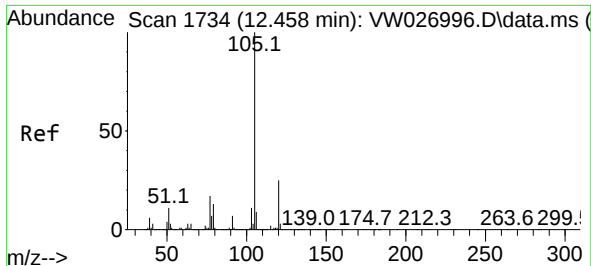
Ion Ratio Lower Upper

173 100

175 49.0 36.6 54.8

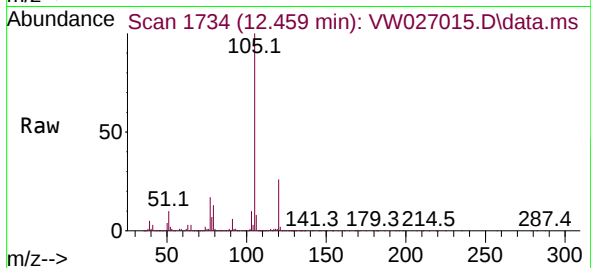
254 10.2 8.5 12.7



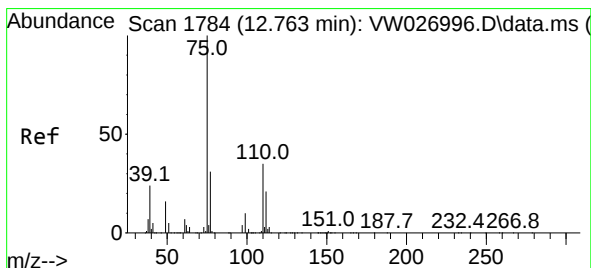
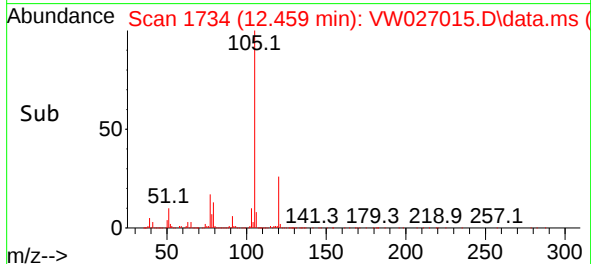
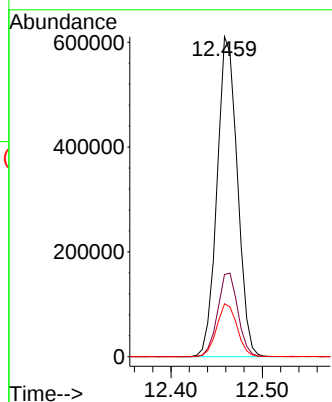


#60
Isopropylbenzene
Concen: 22.772 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Instrument :
MSVOA_W
ClientSampleId :

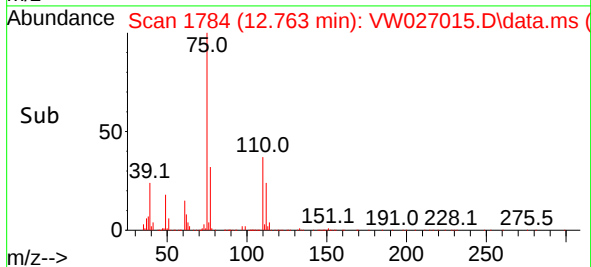
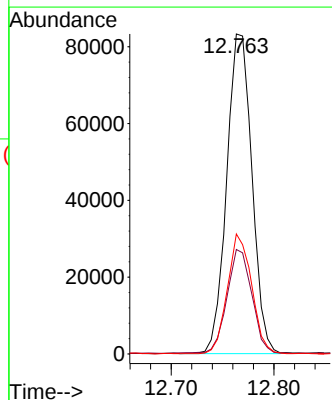
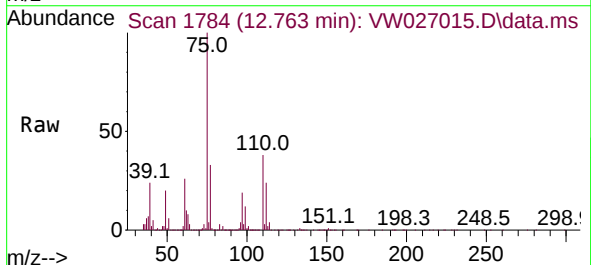


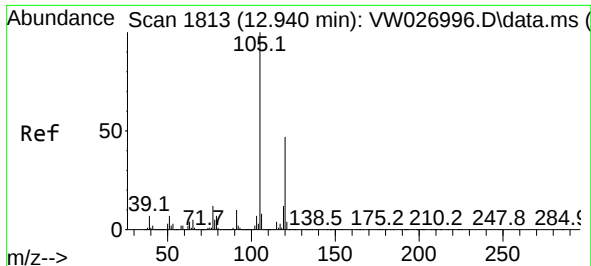
Tgt Ion:105 Resp: 945556
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 16.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 24.493 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion: 75 Resp: 142022
Ion Ratio Lower Upper
75 100
77 31.8 26.3 39.5
110 36.1 30.5 45.7

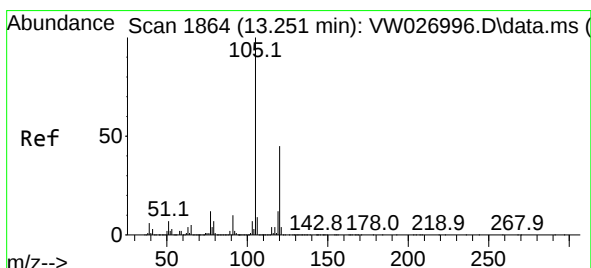
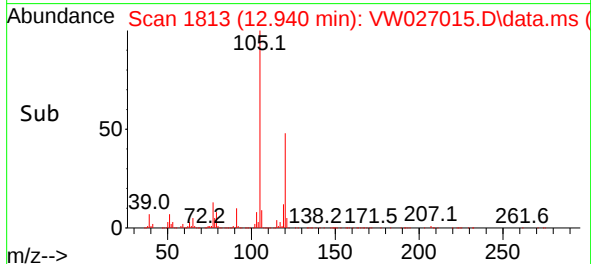
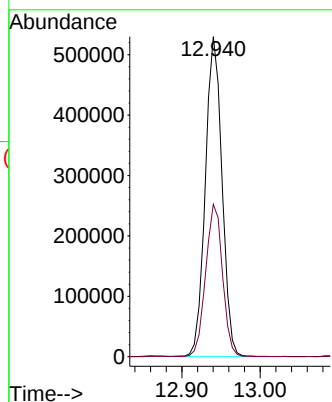
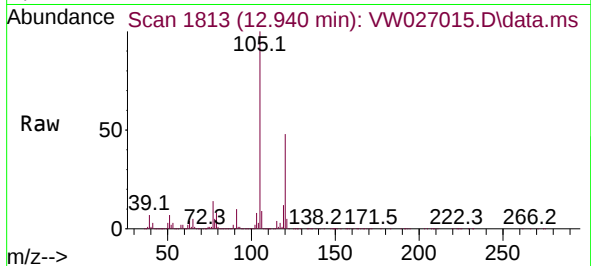




#62
1,3,5-Trimethylbenzene
Concen: 23.622 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

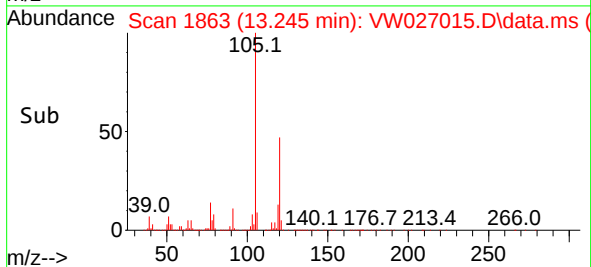
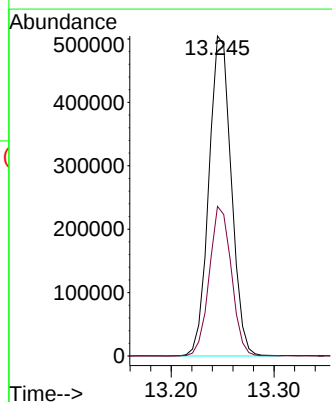
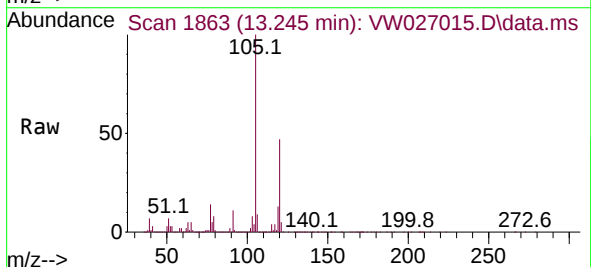
Instrument :
MSVOA_W
ClientSampleId :

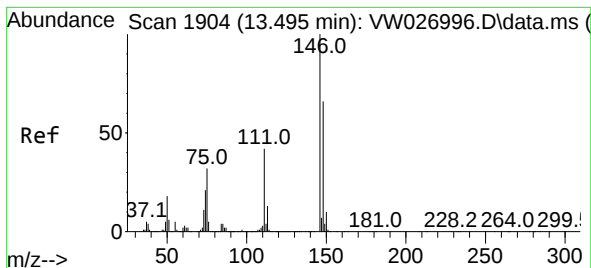
Tgt Ion:105 Resp: 782711
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 23.563 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW027015.D
Acq: 07 Sep 2023 19:28

Tgt Ion:105 Resp: 763303
Ion Ratio Lower Upper
105 100
120 46.0 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 22.401 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

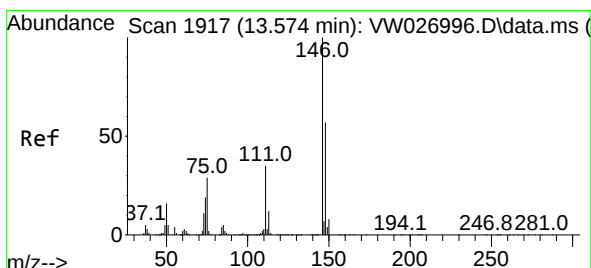
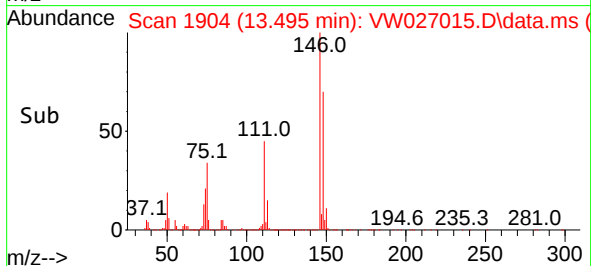
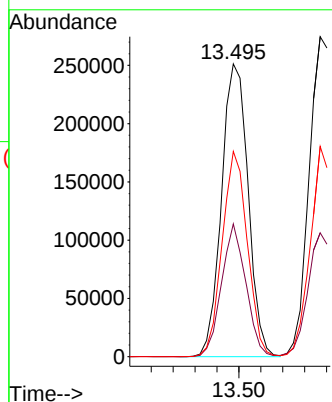
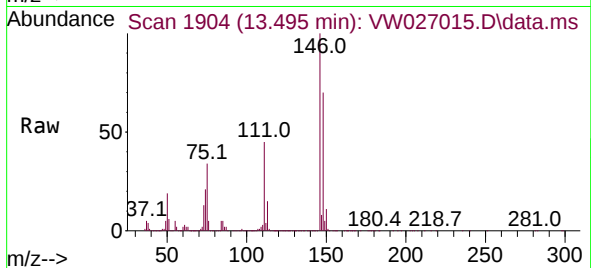
Tgt Ion:146 Resp: 423142

Ion Ratio Lower Upper

146 100

111 45.4 26.9 50.1

148 70.1 39.2 72.8



#65

1,4-Dichlorobenzene

Concen: 23.175 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

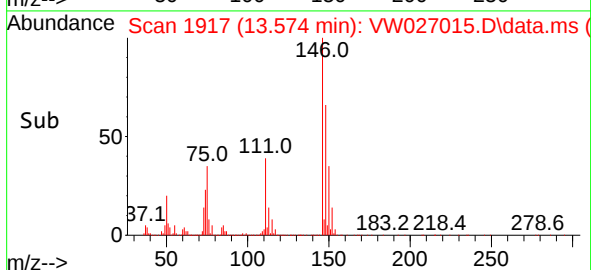
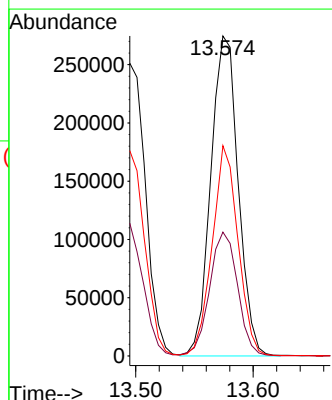
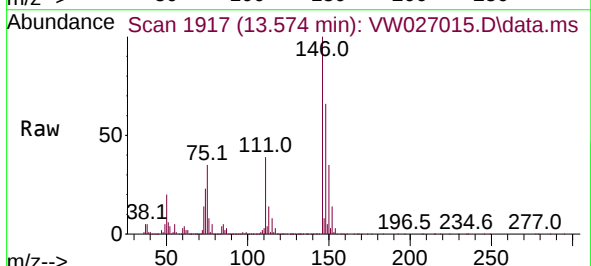
Tgt Ion:146 Resp: 444950

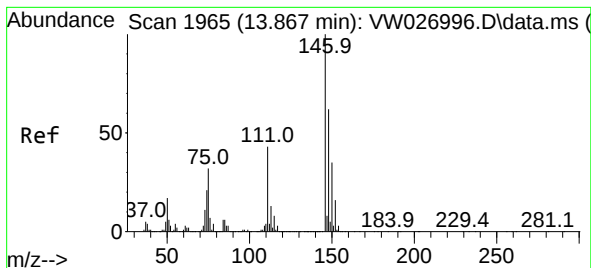
Ion Ratio Lower Upper

146 100

111 38.7 25.8 47.8

148 65.7 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 23.332 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

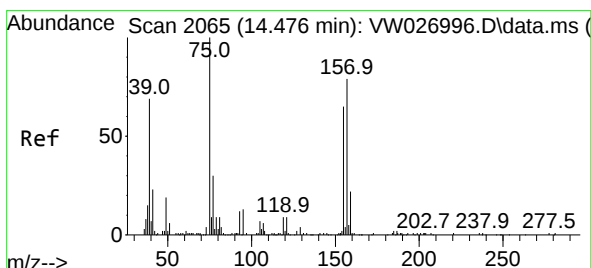
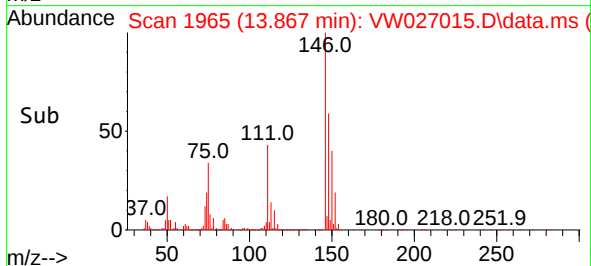
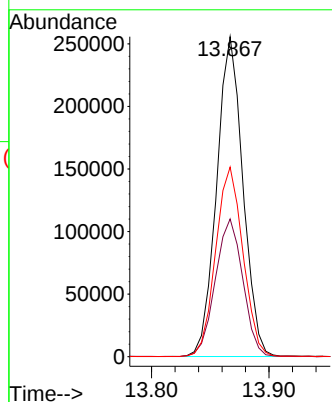
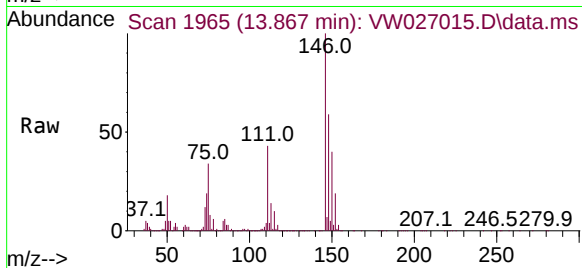
Tgt Ion:146 Resp: 397105

Ion Ratio Lower Upper

146 100

111 43.0 34.0 51.0

148 59.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.758 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

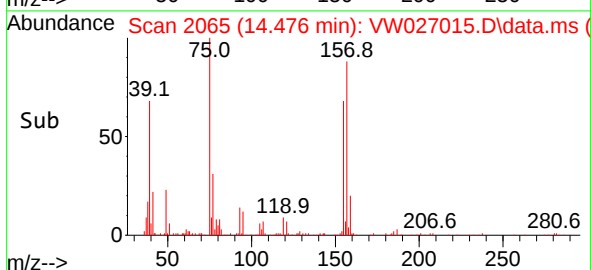
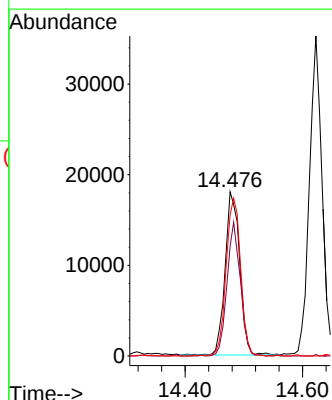
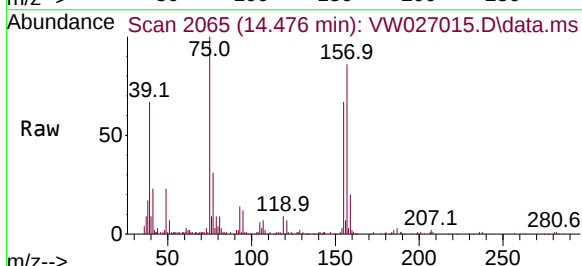
Tgt Ion: 75 Resp: 31240

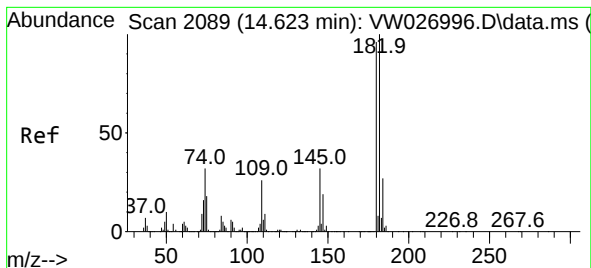
Ion Ratio Lower Upper

75 100

155 66.7 65.9 98.9

157 86.0 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 22.564 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 296081

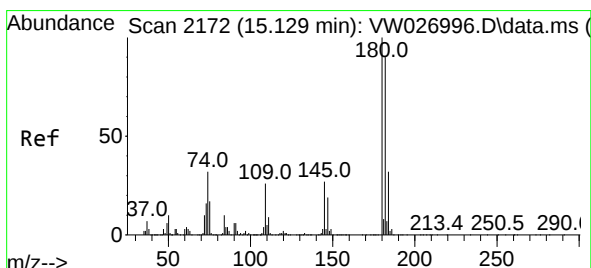
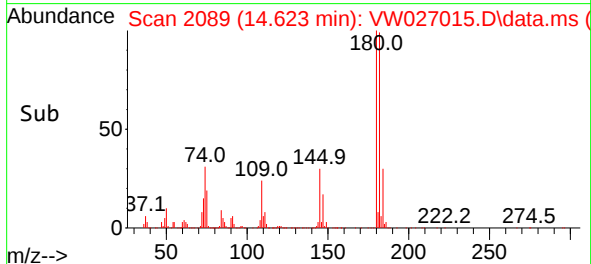
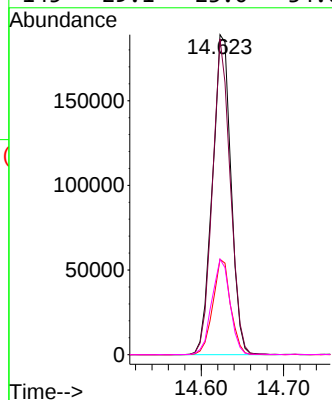
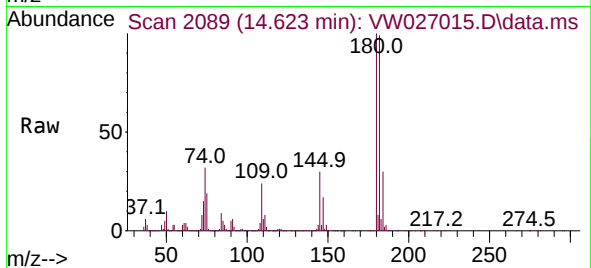
Ion Ratio Lower Upper

180 100

182 94.9 73.6 110.4

184 28.5 23.6 35.4

145 29.1 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 22.319 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

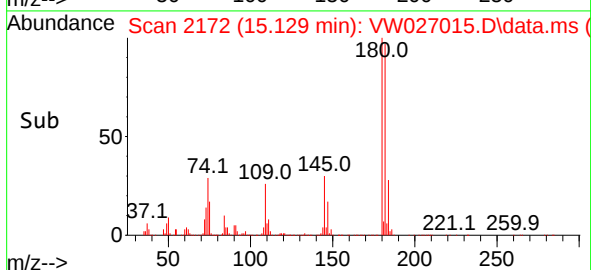
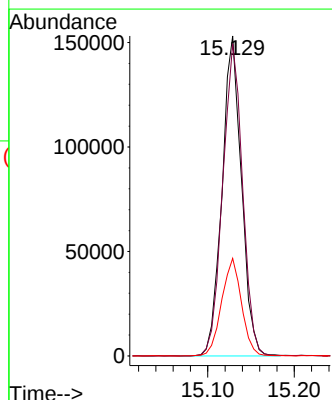
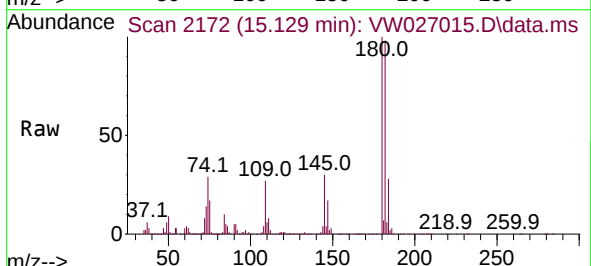
Tgt Ion:180 Resp: 238452

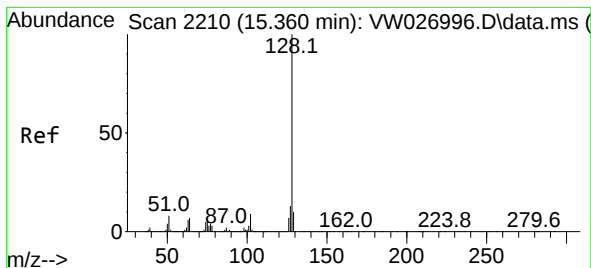
Ion Ratio Lower Upper

180 100

182 99.9 81.0 121.6

145 31.2 24.8 37.2





#71

Naphthalene

Concen: 24.664 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

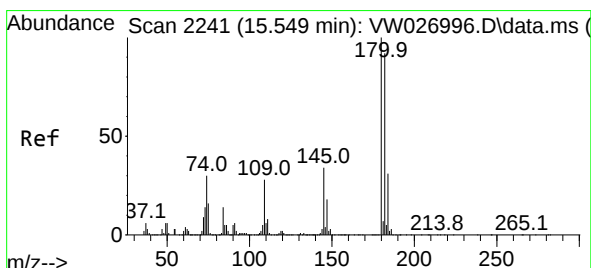
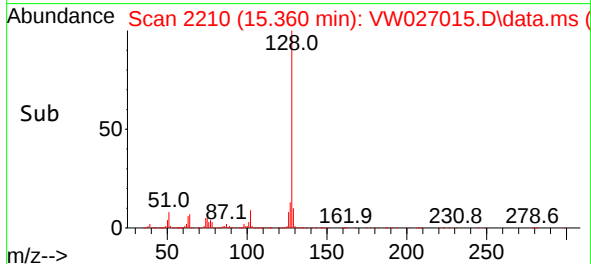
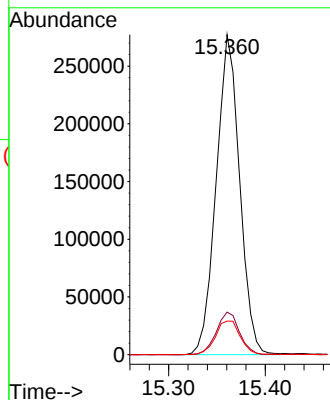
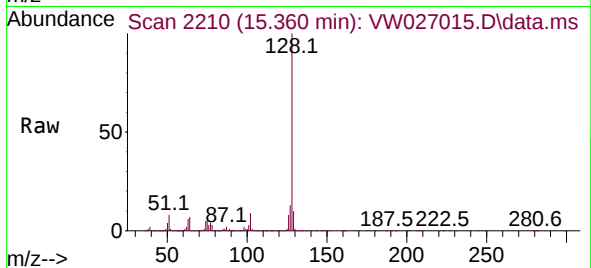
Tgt Ion:128 Resp: 466263

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 23.766 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027015.D

Acq: 07 Sep 2023 19:28

Tgt Ion:180 Resp: 230178

Ion Ratio Lower Upper

180 100

182 98.1 76.2 114.4

145 32.5 25.6 38.4

