

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027139.D
 Acq On : 19 Sep 2023 09:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 01:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	497544	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	500608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	188178	23.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.040%
7) Chloroethane-d5	2.899	69	152462	24.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	4.027	65	83685	24.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.520%
21) 2-Butanone-d5	7.075	46	76420	51.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.120%
24) Chloroform-d	7.648	84	383245	25.639	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	8.307	65	189136	25.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.720%
32) Benzene-d6	8.276	84	826949	25.579	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.320%
36) 1,2-Dichloropropane-d6	9.276	67	229163	25.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.200%
41) Toluene-d8	10.325	98	754112	26.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.575	79	93359	25.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.040%
47) 2-Hexanone-d5	10.922	63	60142	54.560	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185464	25.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	249929	24.419	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	146959	24.198	ug/L	98
5) Vinyl chloride	2.375	62	198584	24.031	ug/L	95
6) Bromomethane	2.789	94	136923	23.860	ug/L	96
8) Chloroethane	2.936	64	116174	24.108	ug/L	94
9) Trichlorofluoromethane	3.265	101	171222	26.682	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	199930	27.039	ug/L	94
12) 1,1-Dichloroethene	4.045	96	186036	25.638	ug/L	95
13) Acetone	4.118	43	71333	50.939	ug/L	70
14) Carbon disulfide	4.393	76	609889	25.213	ug/L	100
15) Methyl Acetate	4.667	43	68274	24.711	ug/L	99
16) Methylene chloride	4.917	84	204442	21.598	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	197684	25.105	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	264210	25.253	ug/L	100
19) 1,1-Dichloroethane	6.222	63	347270	25.149	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	212707	25.683	ug/L	99
22) 2-Butanone	7.167	43	94776	50.101	ug/L	100
23) Bromochloromethane	7.520	128	93491	24.520	ug/L	95
25) Chloroform	7.673	83	353656	24.938	ug/L	98
27) 1,2-Dichloroethane	8.398	62	216666	25.213	ug/L	95

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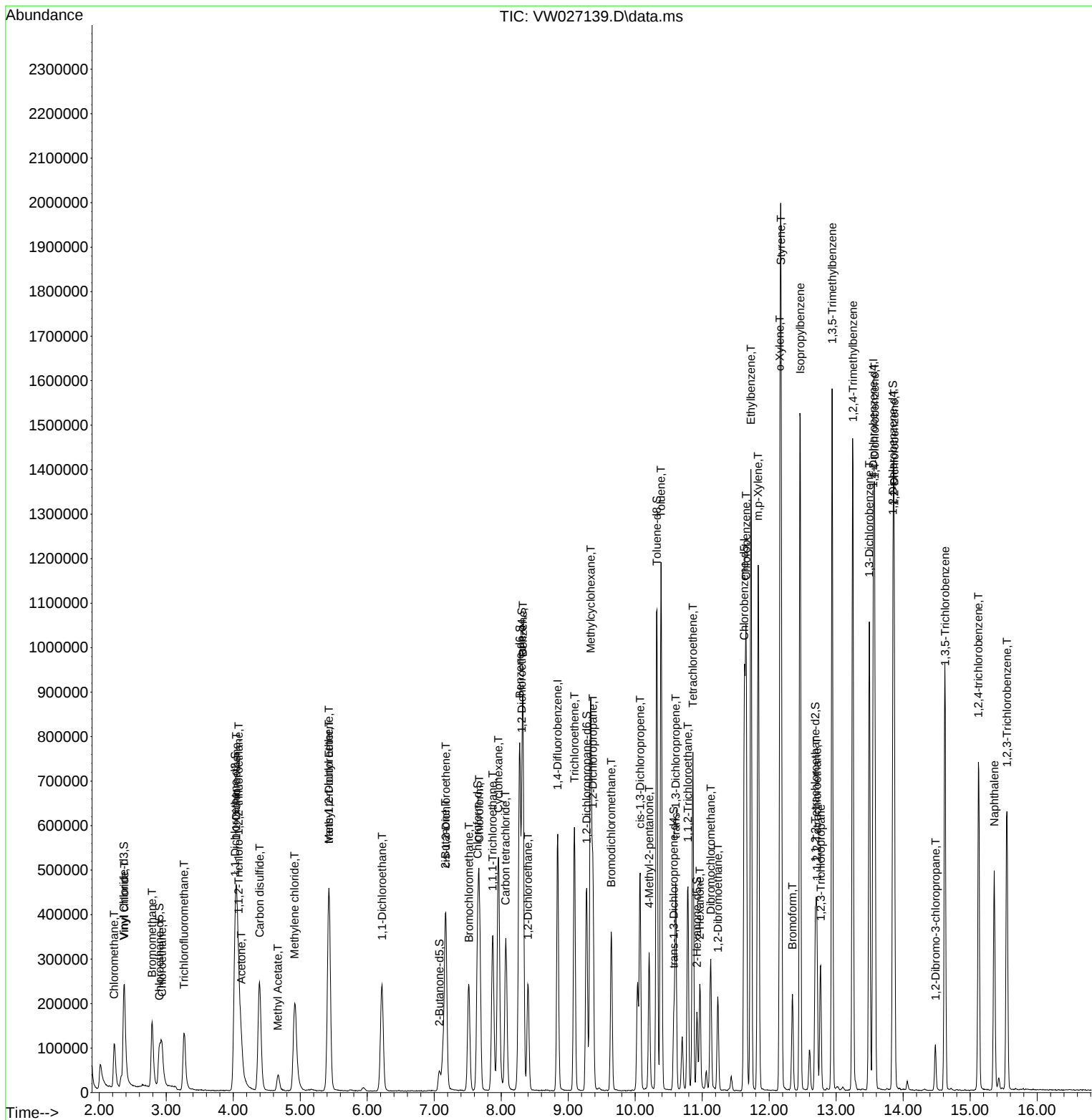
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 ClientSampleId :

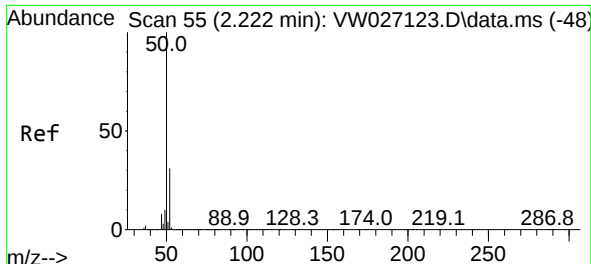
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 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:36:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	305442	25.491	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	291088	24.604	ug/L	99
31) Carbon tetrachloride	8.063	117	260040	24.802	ug/L	98
33) Benzene	8.325	78	832797	25.187	ug/L	100
34) Trichloroethene	9.093	95	213806	24.469	ug/L	96
35) Methylcyclohexane	9.337	83	376111	25.234	ug/L	98
37) 1,2-Dichloropropane	9.367	63	197722	24.080	ug/L	99
38) Bromodichloromethane	9.642	83	247390	24.637	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	308760	25.103	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	184373	50.067	ug/L	100
42) Toluene	10.386	91	904928	25.901	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	258695	25.062	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	152064	24.068	ug/L	98
46) Tetrachloroethene	10.861	164	183811	24.958	ug/L	88
48) 2-Hexanone	10.965	43	139548	52.547	ug/L	98
49) Dibromochloromethane	11.129	129	161482	24.423	ug/L	93
50) 1,2-Dibromoethane	11.233	107	141645	24.429	ug/L #	87
51) Chlorobenzene	11.654	112	562957	24.416	ug/L	90
52) Ethylbenzene	11.727	91	986502	25.744	ug/L	95
53) m,p-Xylene	11.837	106	380755	25.910	ug/L	100
54) o-Xylene	12.160	106	358292	25.593	ug/L	95
55) Styrene	12.178	104	637913	26.593	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	181558	24.527	ug/L	99
59) Bromoform	12.349	173	101319	24.403	ug/L	95
60) Isopropylbenzene	12.464	105	999660	26.035	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	124941	23.375	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	802263	26.108	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	806506	27.089	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	448632	24.708	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	444115	23.534	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	389873	23.492	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	27703	23.405	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.629	180	321418	24.592	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	253484	24.471	ug/L	98
71) Naphthalene	15.360	128	423285	24.564	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	232371	24.849	ug/L	96

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

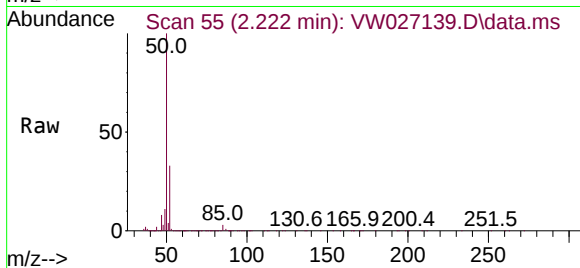
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
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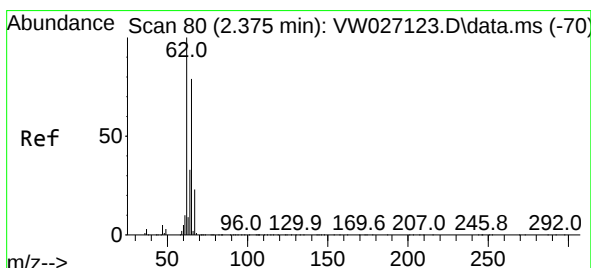
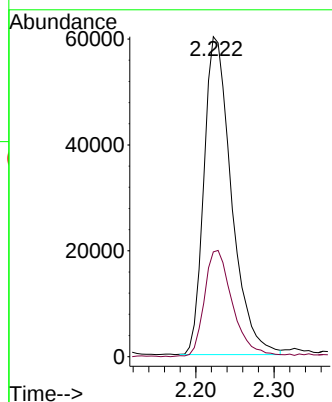
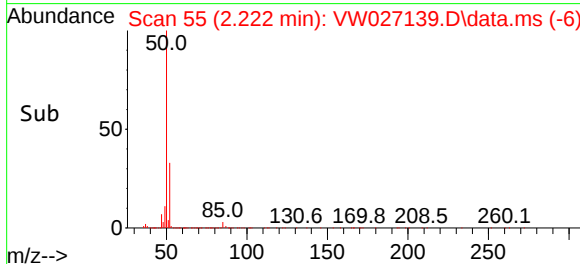


#3
Chloromethane
Concen: 24.198 ug/L
RT: 2.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

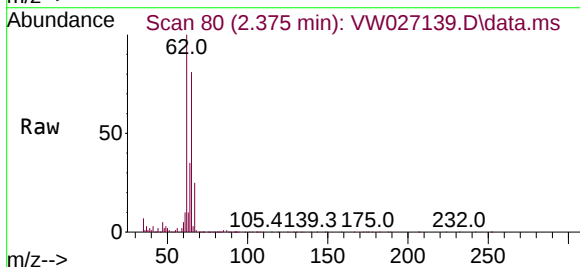
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MSVOA_W
ClientSampleId :



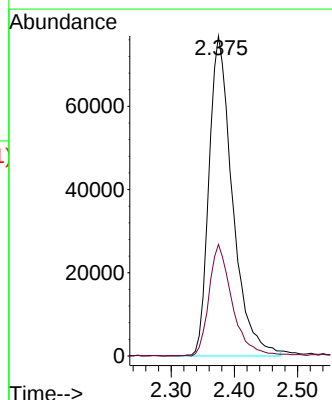
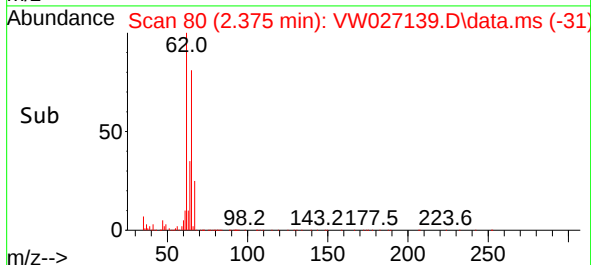
Tgt Ion: 50 Resp: 146959
Ion Ratio Lower Upper
50 100
52 32.8 23.8 44.2

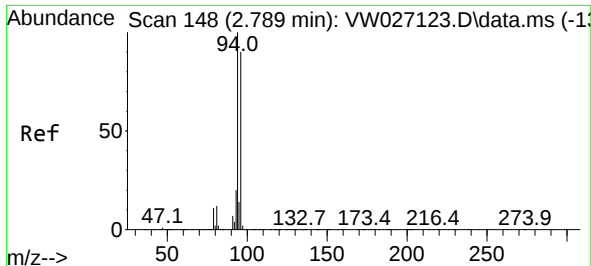


#5
Vinyl chloride
Concen: 24.031 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50



Tgt Ion: 62 Resp: 198584
Ion Ratio Lower Upper
62 100
64 34.8 22.5 41.7

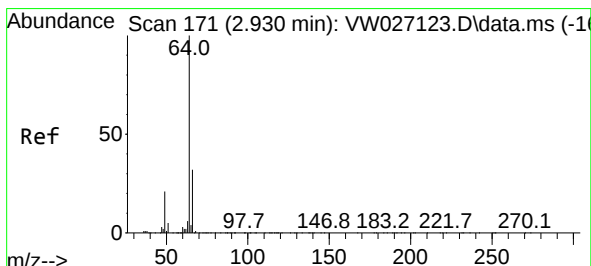
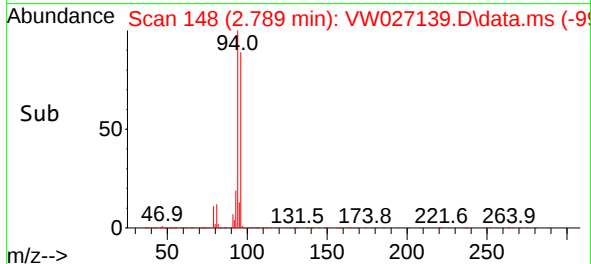
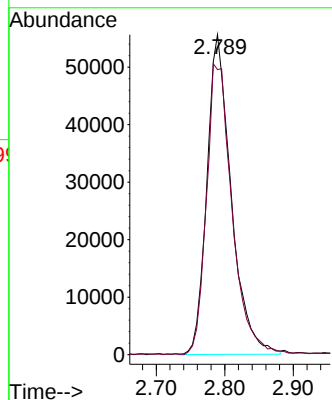
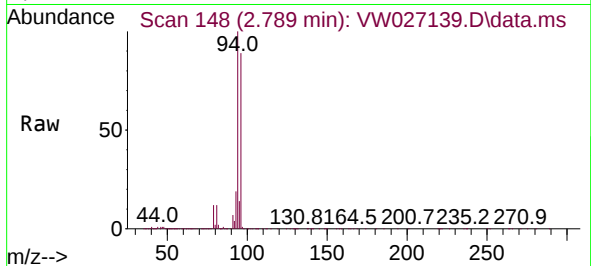




#6
Bromomethane
Concen: 23.860 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

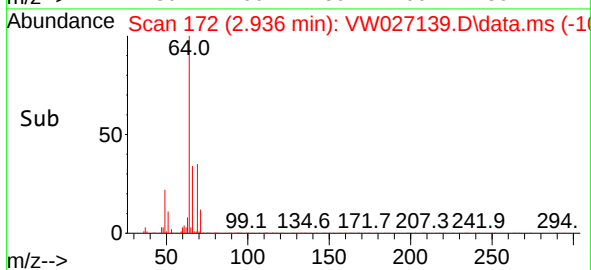
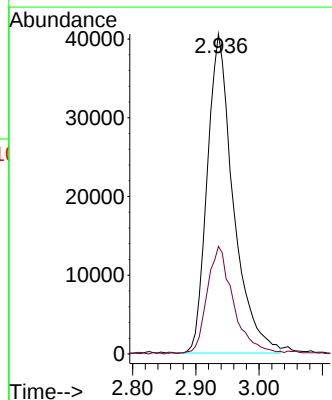
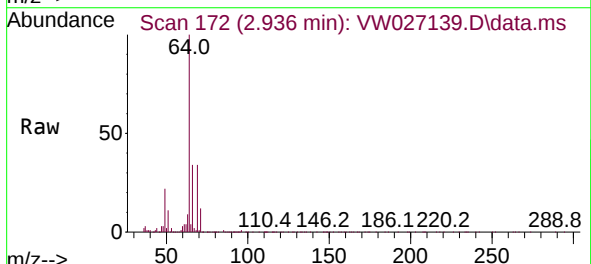
Instrument :
MSVOA_W
ClientSampleId :

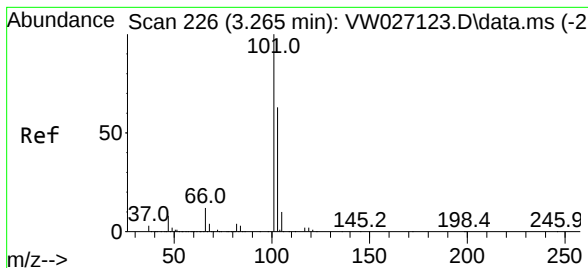
Tgt Ion: 94 Resp: 136923
Ion Ratio Lower Upper
94 100
96 89.1 65.0 120.8



#8
Chloroethane
Concen: 24.108 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion: 64 Resp: 116174
Ion Ratio Lower Upper
64 100
66 33.6 21.3 39.6





#9

Trichlorofluoromethane

Concen: 26.682 ug/L

RT: 3.265 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

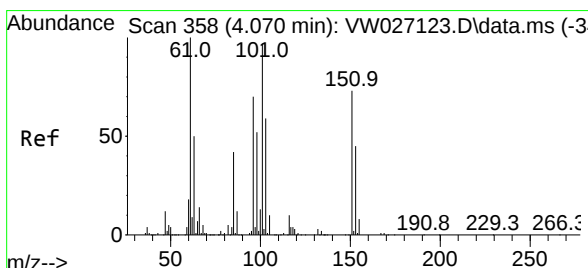
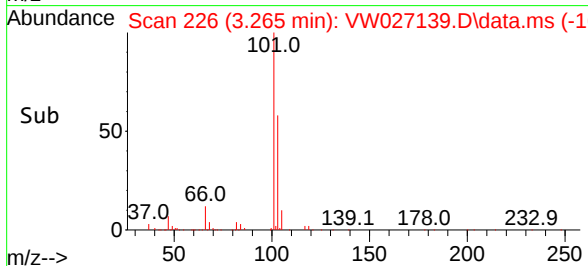
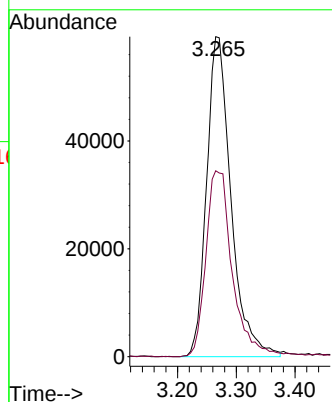
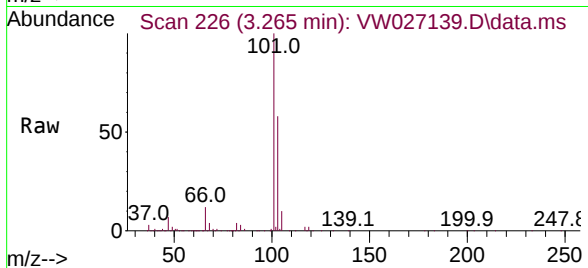
ClientSampleId :

Tgt Ion:101 Resp: 171222

Ion Ratio Lower Upper

101 100

103 62.7 50.9 76.3



#10

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

Concen: 27.039 ug/L

RT: 4.082 min Scan# 360

Delta R.T. 0.012 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

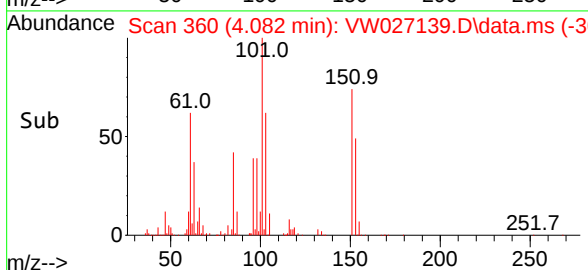
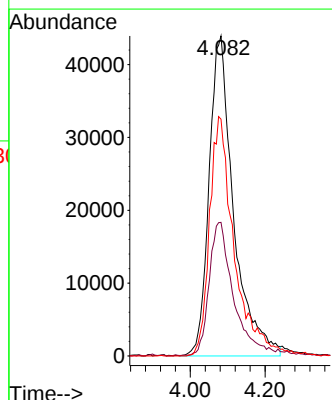
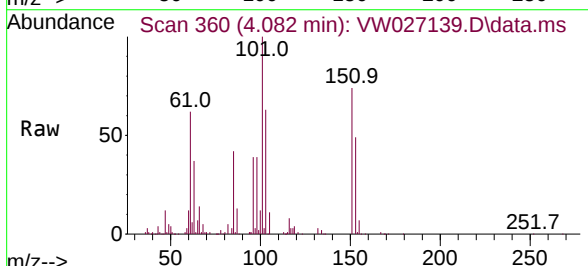
Tgt Ion:101 Resp: 199930

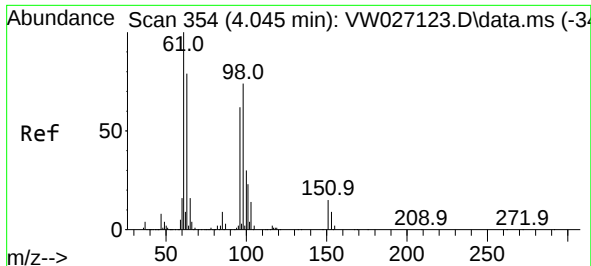
Ion Ratio Lower Upper

101 100

85 40.6 35.7 53.5

151 67.1 57.7 86.5

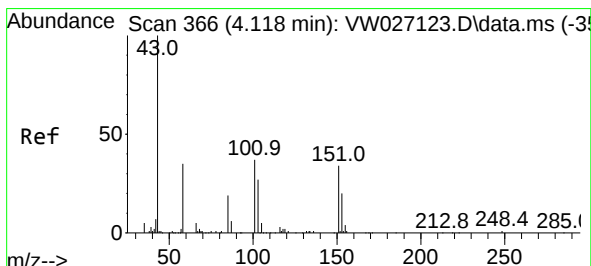
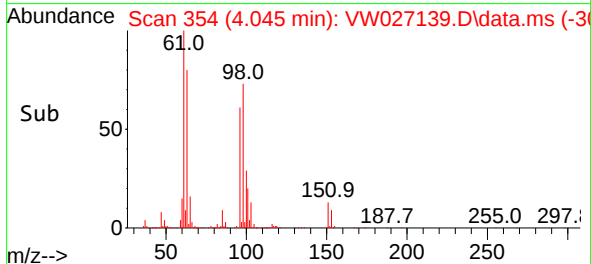
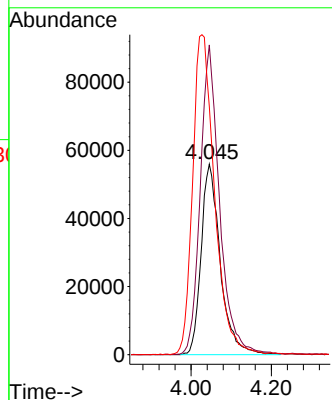
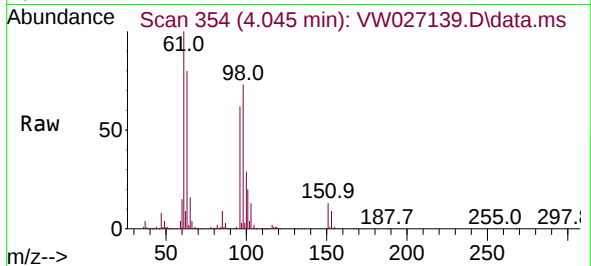




#12
1,1-Dichloroethene
Concen: 25.638 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

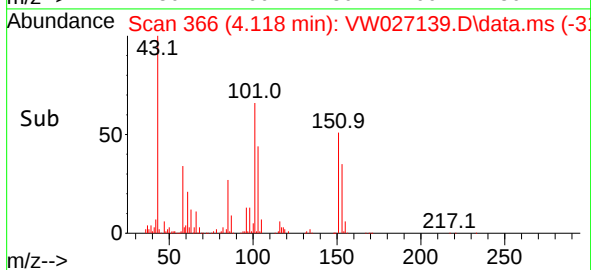
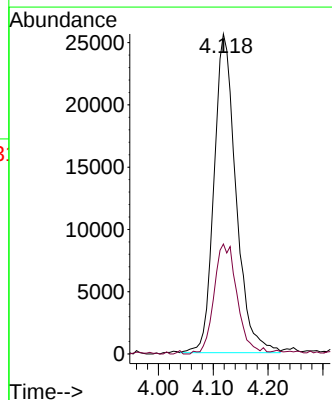
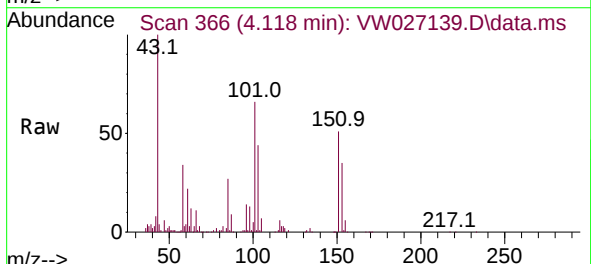
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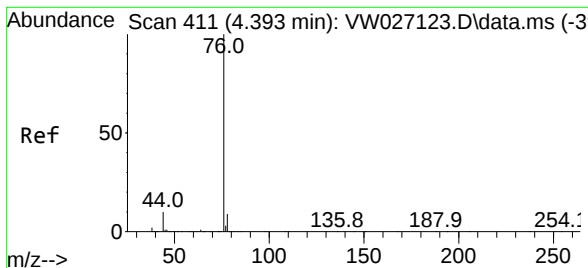
Tgt Ion: 96 Resp: 186036
Ion Ratio Lower Upper
96 100
61 162.5 112.5 208.9
63 130.2 99.4 184.6



#13
Acetone
Concen: 50.939 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion: 43 Resp: 71333
Ion Ratio Lower Upper
43 100
58 20.2 0.0 77.4





#14

Carbon disulfide

Concen: 25.213 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

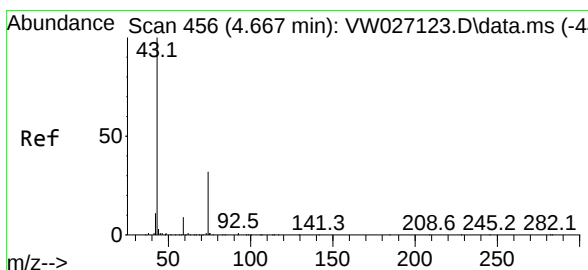
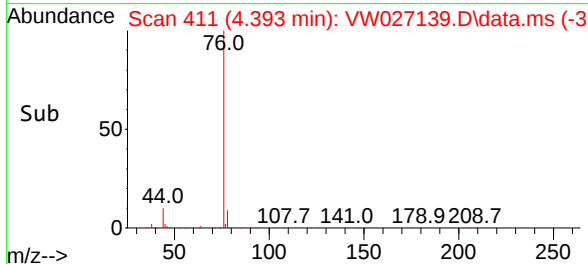
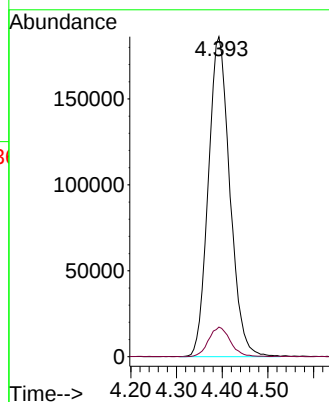
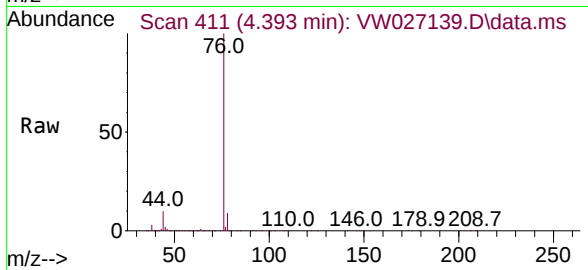
ClientSampleId :

Tgt Ion: 76 Resp: 609889

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#15

Methyl Acetate

Concen: 24.711 ug/L

RT: 4.667 min Scan# 456

Delta R.T. 0.000 min

Lab File: VW027139.D

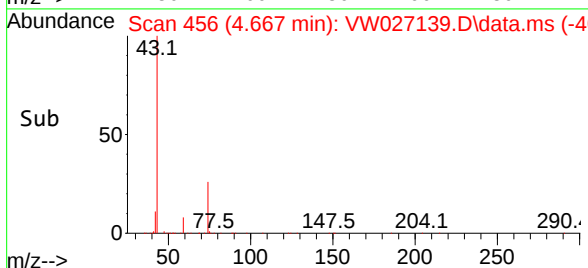
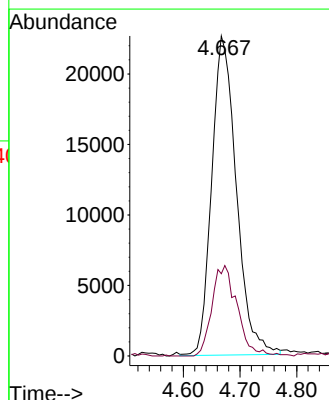
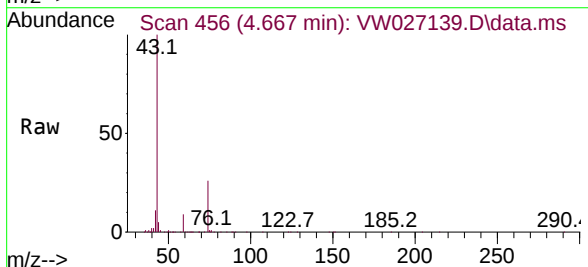
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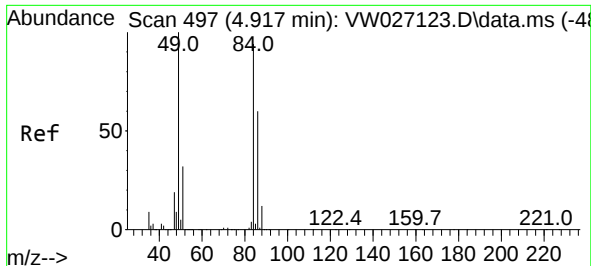
Tgt Ion: 43 Resp: 68274

Ion Ratio Lower Upper

43 100

74 28.2 23.2 34.8

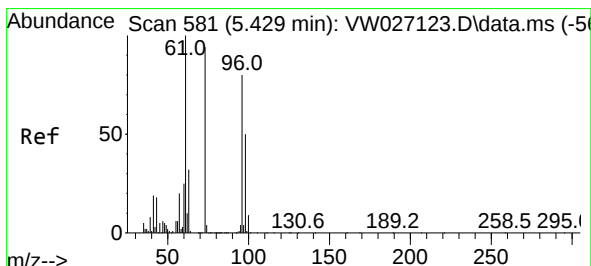
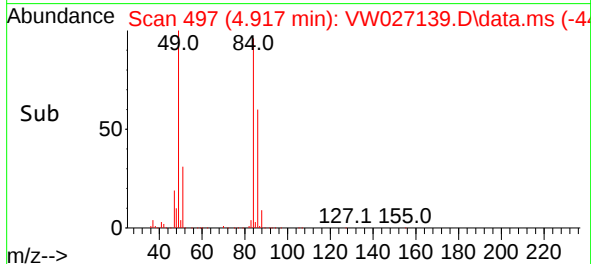
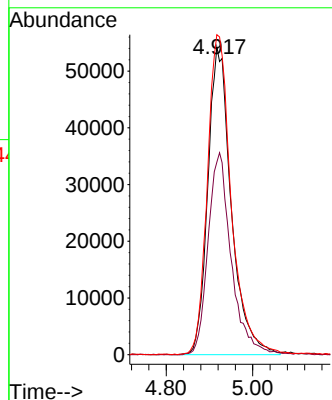
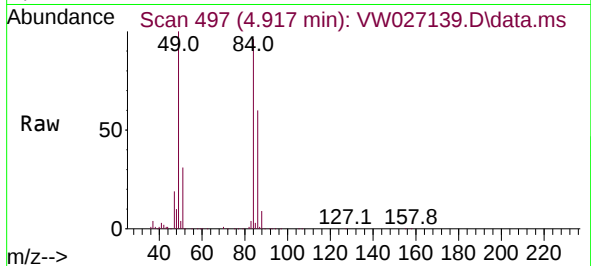




#16
Methylene chloride
Concen: 21.598 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

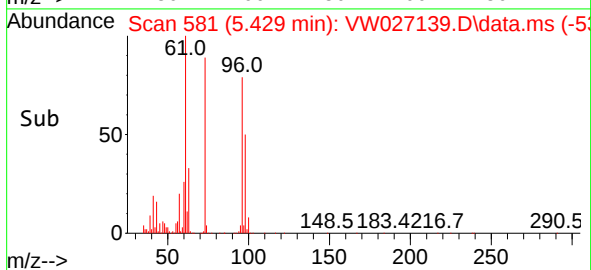
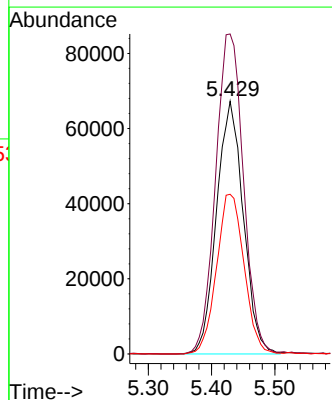
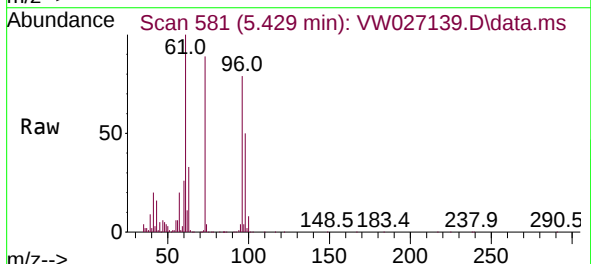
Instrument :
MSVOA_W
ClientSampleId :

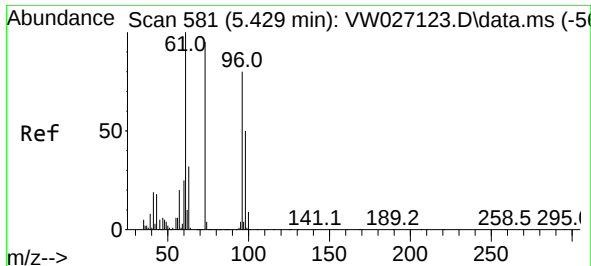
Tgt Ion: 84 Resp: 204442
Ion Ratio Lower Upper
84 100
86 62.5 46.7 86.7
49 104.0 77.1 143.1



#17
trans-1,2-Dichloroethene
Concen: 25.105 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

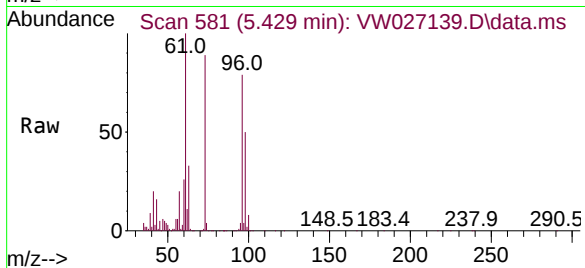
Tgt Ion: 96 Resp: 197684
Ion Ratio Lower Upper
96 100
61 126.6 91.2 169.4
98 63.2 42.8 79.4



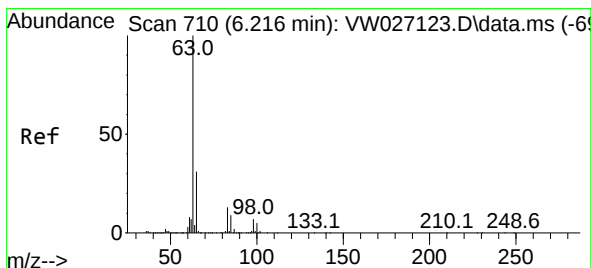
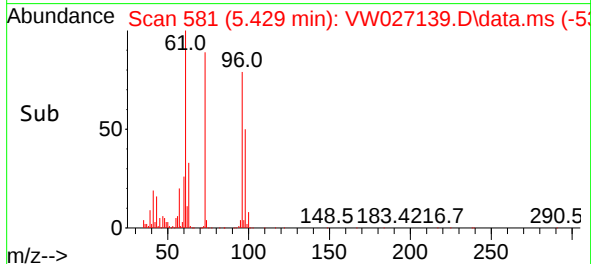
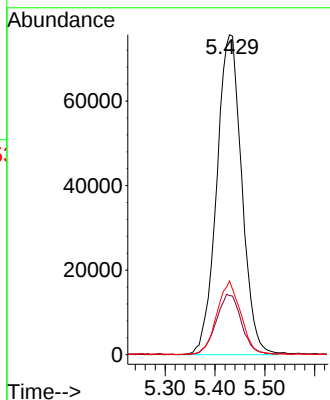


#18
Methyl tert-butyl Ether
Concen: 25.253 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Instrument :
MSVOA_W
ClientSampleId :

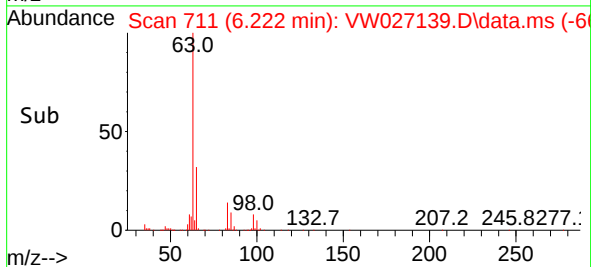
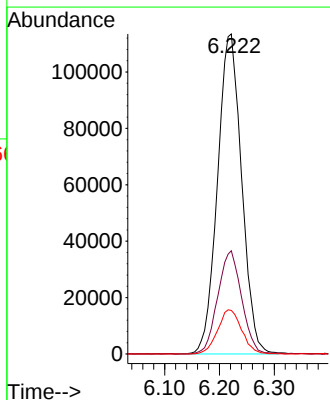
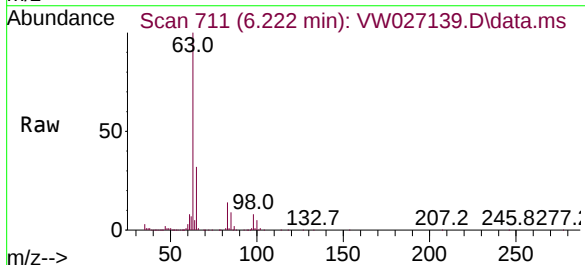


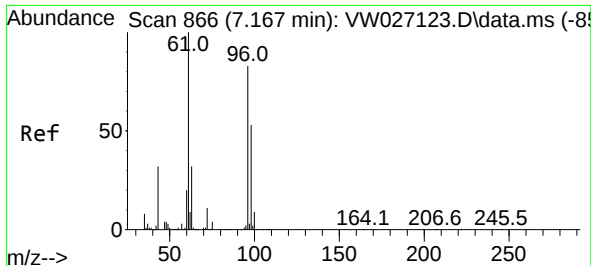
Tgt Ion: 73 Resp: 264210
Ion Ratio Lower Upper
73 100
43 19.1 15.2 22.8
57 21.8 17.6 26.4



#19
1,1-Dichloroethane
Concen: 25.149 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion: 63 Resp: 347270
Ion Ratio Lower Upper
63 100
65 32.2 22.6 42.0
83 13.6 9.6 17.8

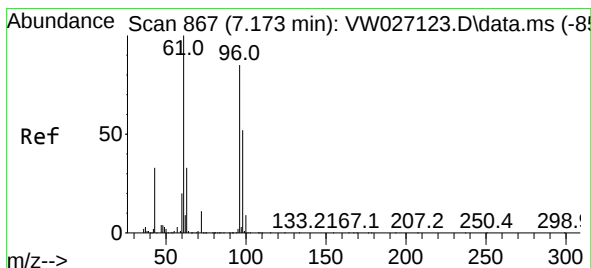
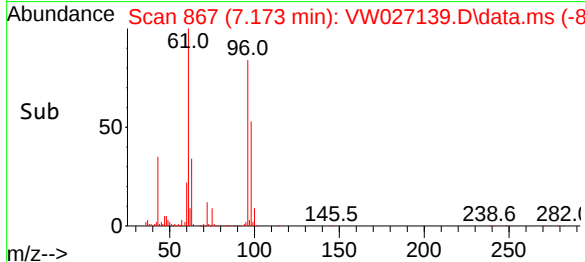
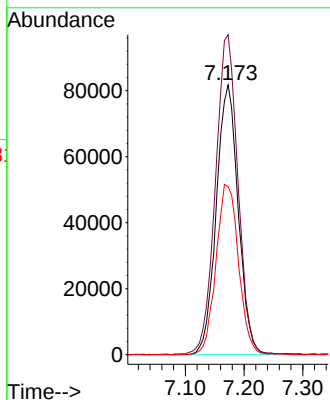
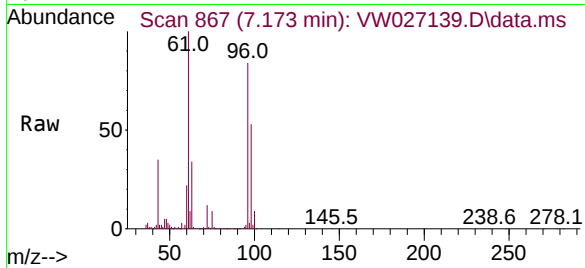




#20
 cis-1,2-Dichloroethene
 Concen: 25.683 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW027139.D
 Acq: 19 Sep 2023 09:50

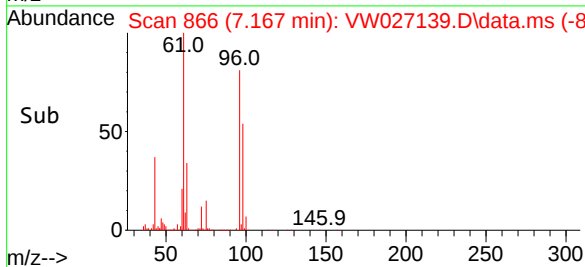
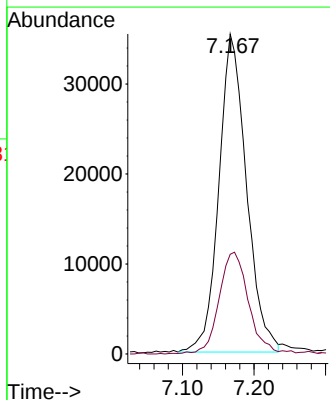
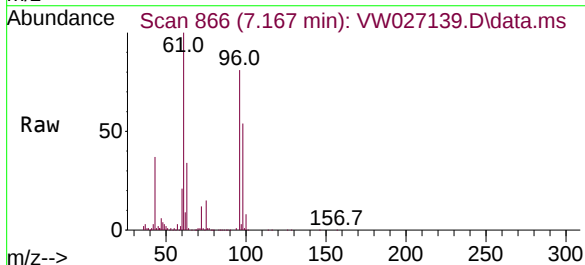
Instrument :
 MSVOA_W
 ClientSampleId :

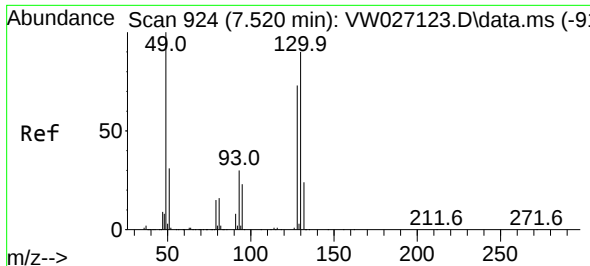
Tgt Ion: 96 Resp: 212707
 Ion Ratio Lower Upper
 96 100
 61 118.6 83.0 154.1
 98 62.3 44.6 82.8



#22
 2-Butanone
 Concen: 50.101 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW027139.D
 Acq: 19 Sep 2023 09:50

Tgt Ion: 43 Resp: 94776
 Ion Ratio Lower Upper
 43 100
 72 33.6 16.8 50.4

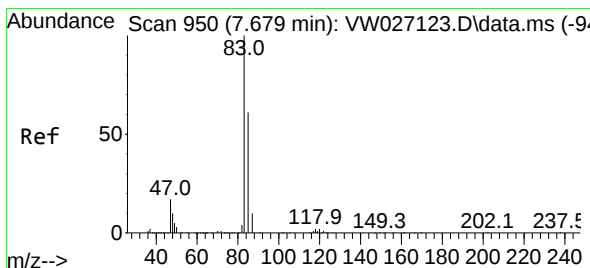
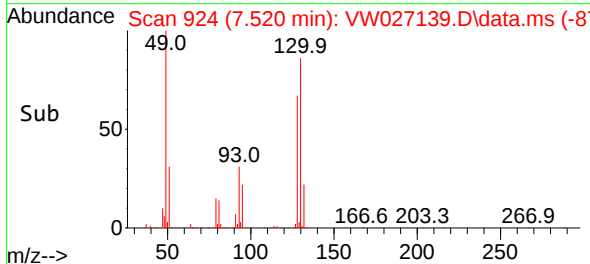
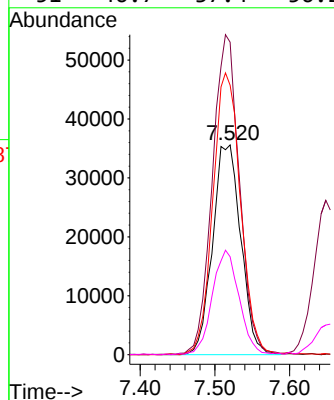
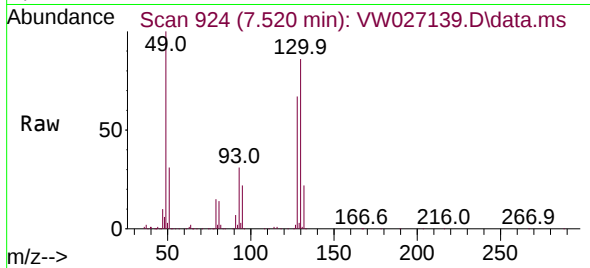




#23
Bromochloromethane
Concen: 24.520 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

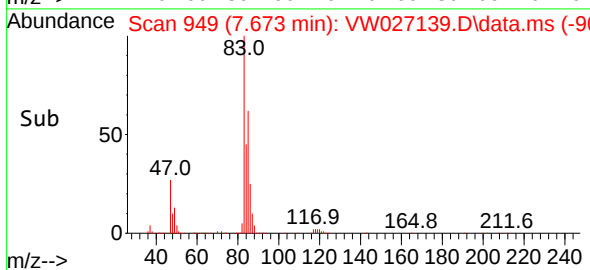
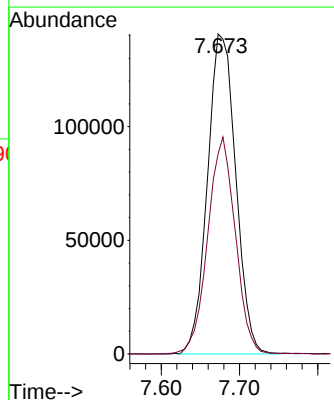
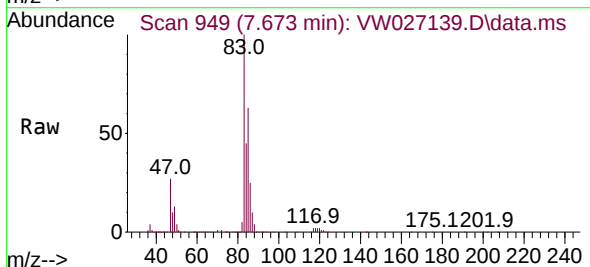
Instrument :
MSVOA_W
ClientSampleId :

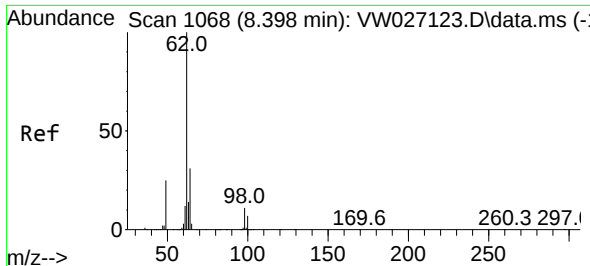
Tgt Ion:128	Resp:	93491
Ion Ratio	Lower	Upper
128	100	
49	149.0	97.6 181.2
130	128.4	92.8 172.4
51	46.7	37.4 56.2



#25
Chloroform
Concen: 24.938 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion: 83	Resp:	353656
Ion Ratio	Lower	Upper
83	100	
85	62.5	44.9 83.5





#27

1,2-Dichloroethane

Concen: 25.213 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

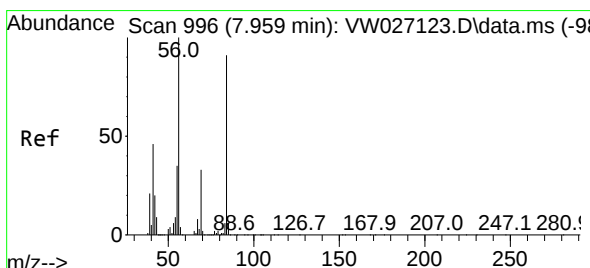
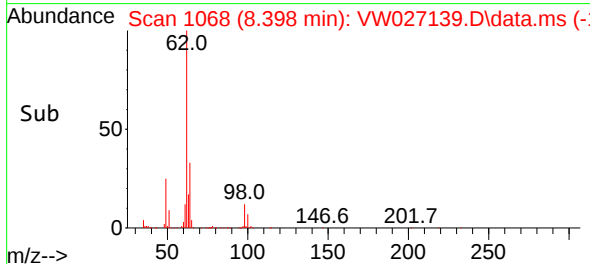
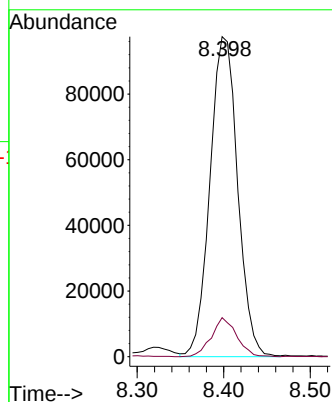
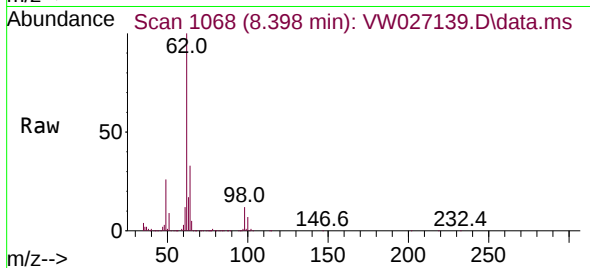
ClientSampleId :

Tgt Ion: 62 Resp: 216666

Ion Ratio Lower Upper

62 100

98 12.2 8.4 12.6



#29

Cyclohexane

Concen: 25.491 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

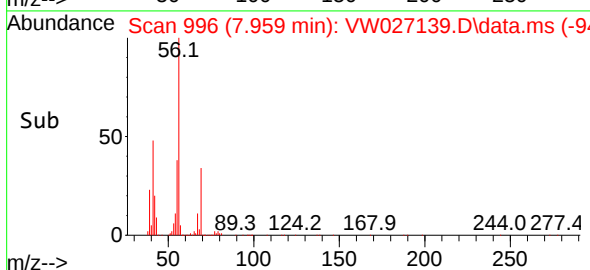
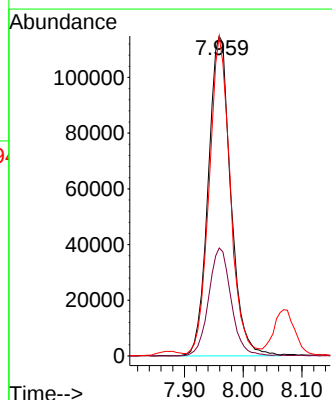
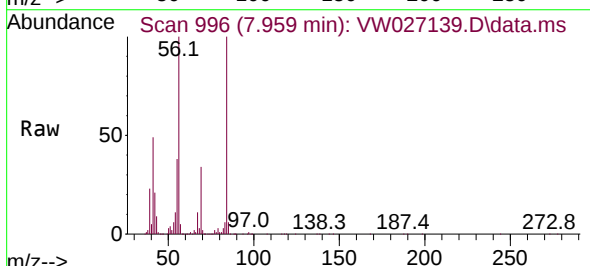
Tgt Ion: 56 Resp: 305442

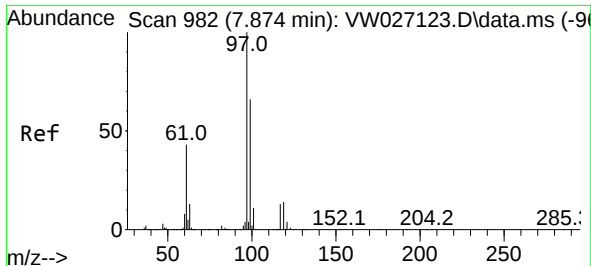
Ion Ratio Lower Upper

56 100

69 33.7 26.5 39.7

84 93.9 74.4 111.6

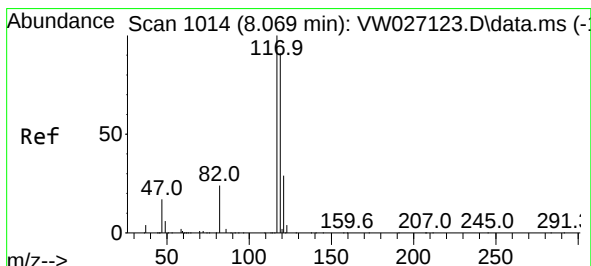
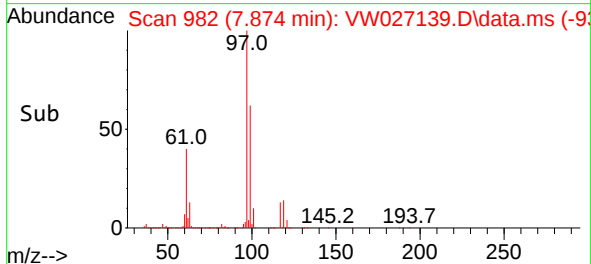
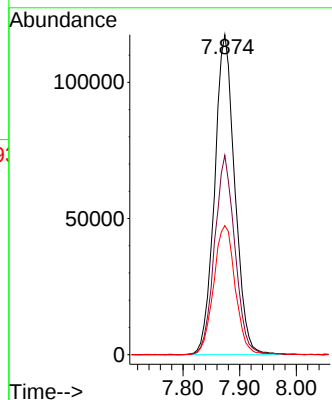
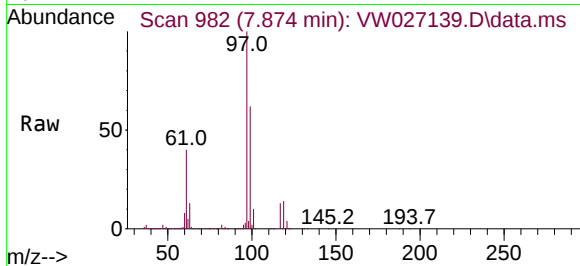




#30
1,1,1-Trichloroethane
Concen: 24.604 ug/L
RT: 7.874 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

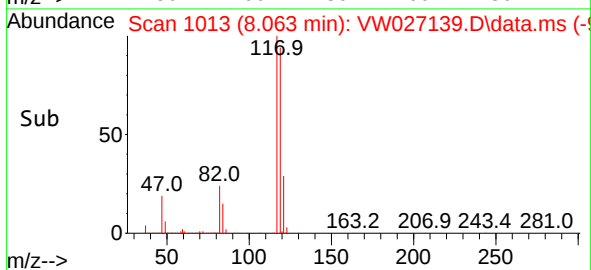
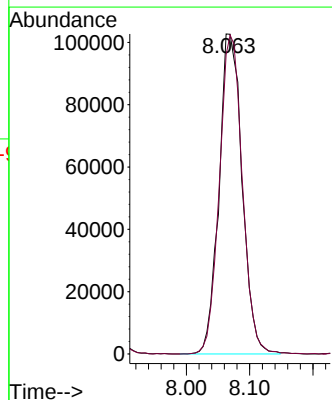
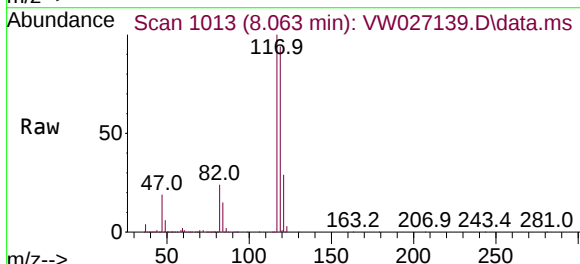
Instrument :
MSVOA_W
ClientSampleId :

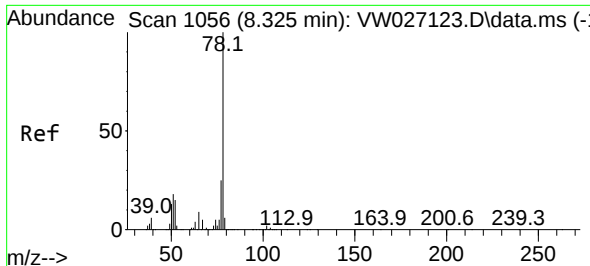
Tgt Ion: 97 Resp: 291088
Ion Ratio Lower Upper
97 100
99 62.6 50.6 75.8
61 43.1 34.1 51.1



#31
Carbon tetrachloride
Concen: 24.802 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion: 117 Resp: 260040
Ion Ratio Lower Upper
117 100
119 98.8 77.4 116.0

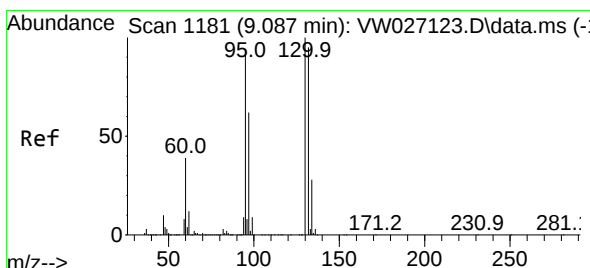
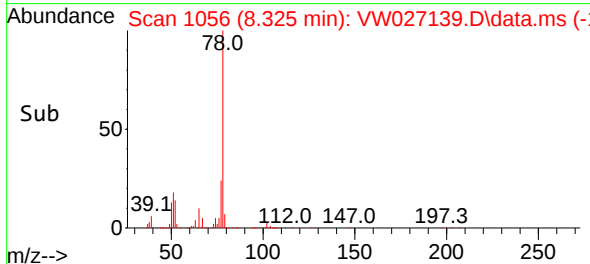
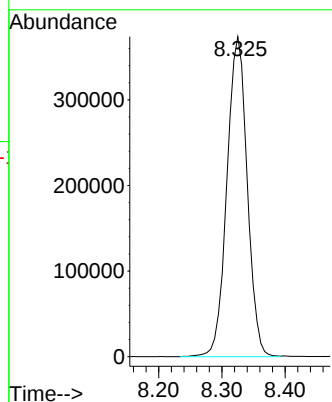
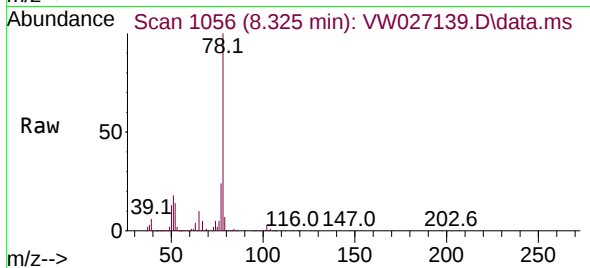




#33
Benzene
Concen: 25.187 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Instrument :
MSVOA_W
ClientSampleId :

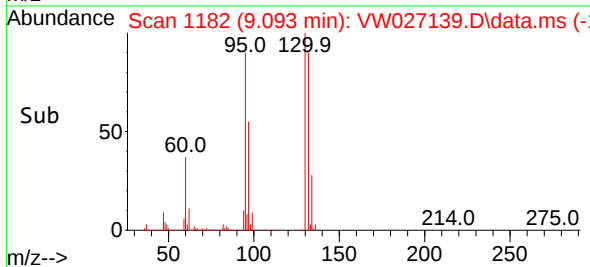
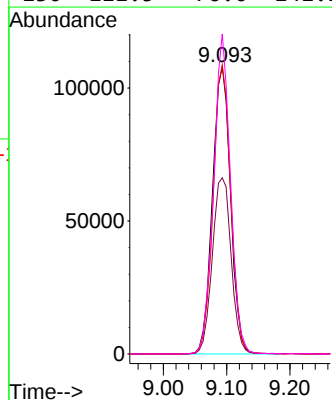
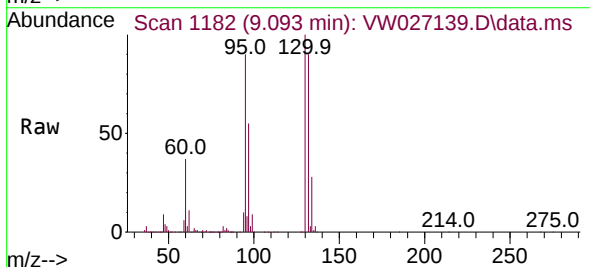
Tgt Ion: 78 Resp: 832797

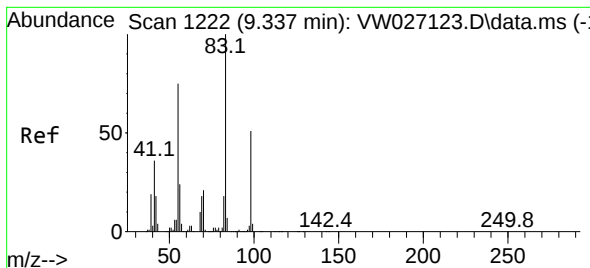


#34
Trichloroethene
Concen: 24.469 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion: 95 Resp: 213806

Ion	Ratio	Lower	Upper
95	100		
97	61.4	46.1	85.7
132	100.6	67.9	126.1
130	111.5	76.0	141.2





#35

Methylcyclohexane

Concen: 25.234 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

ClientSampleId :

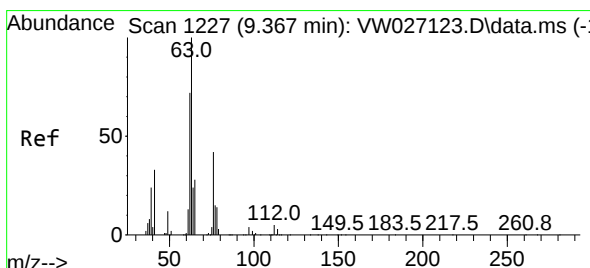
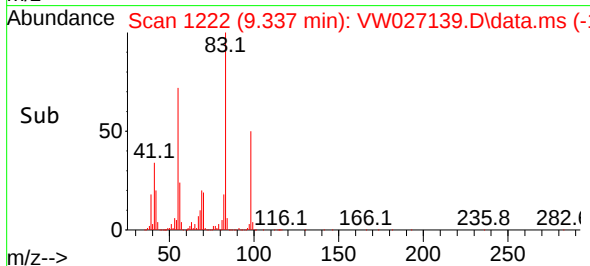
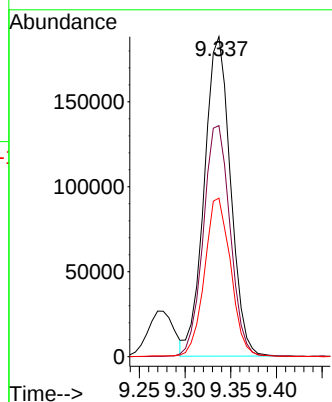
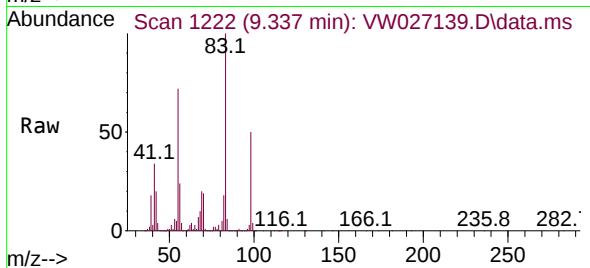
Tgt Ion: 83 Resp: 376111

Ion Ratio Lower Upper

83 100

55 74.5 58.0 87.0

98 49.7 38.5 57.7



#37

1,2-Dichloropropane

Concen: 24.080 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027139.D

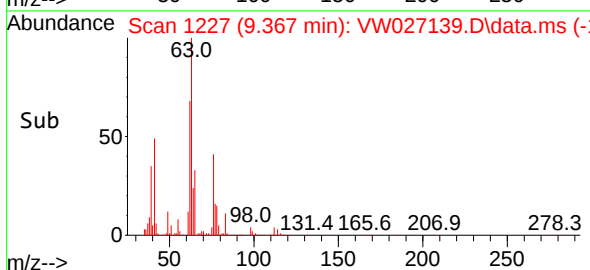
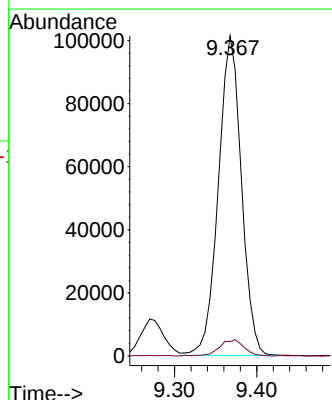
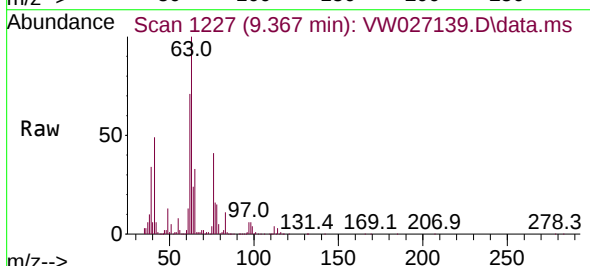
Acq: 19 Sep 2023 09:50

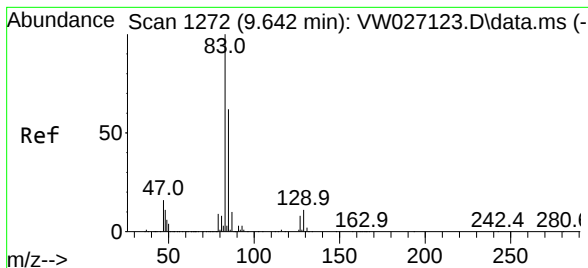
Tgt Ion: 63 Resp: 197722

Ion Ratio Lower Upper

63 100

112 5.4 3.9 5.9





#38

Bromodichloromethane

Concen: 24.637 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

ClientSampleId :

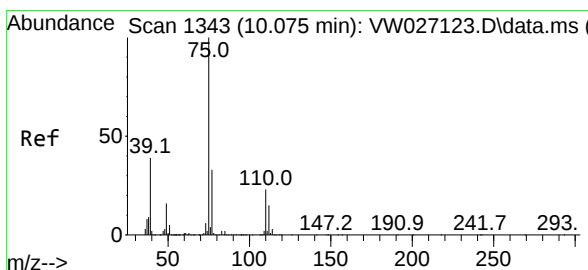
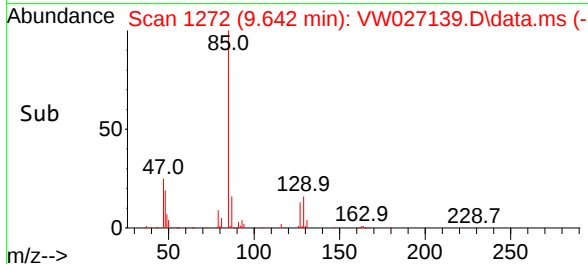
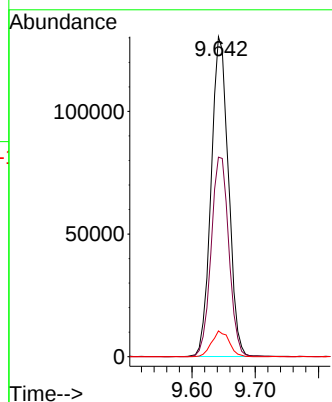
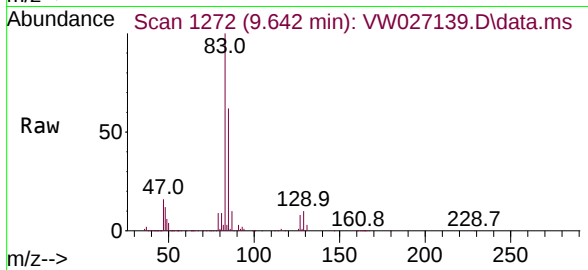
Tgt Ion: 83 Resp: 247390

Ion Ratio Lower Upper

83 100

85 62.3 42.8 79.4

127 8.0 6.3 9.5



#39

cis-1,3-Dichloropropene

Concen: 25.103 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027139.D

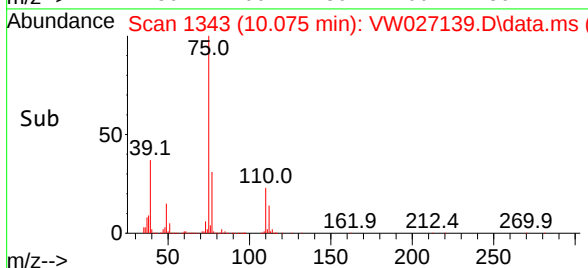
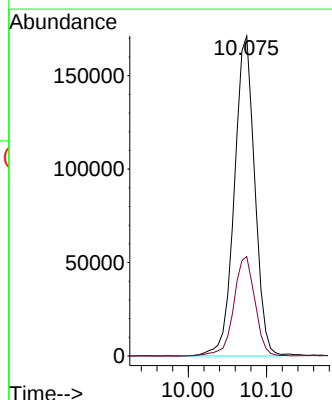
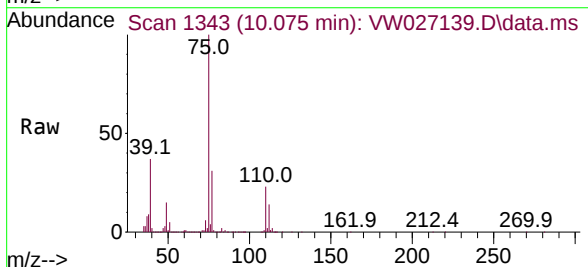
Acq: 19 Sep 2023 09:50

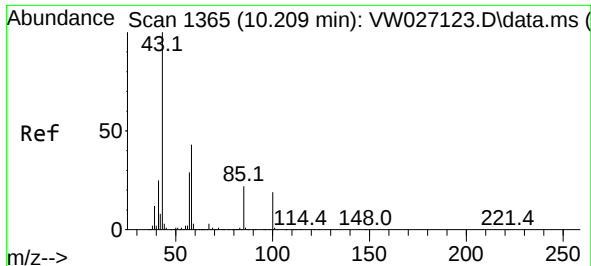
Tgt Ion: 75 Resp: 308760

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 50.067 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

ClientSampleId :

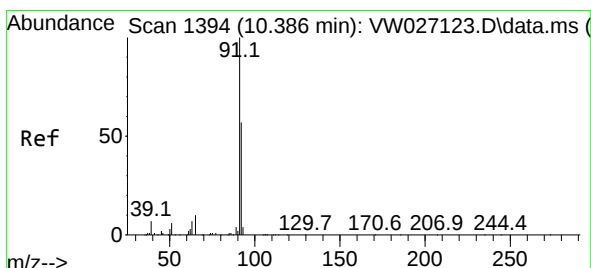
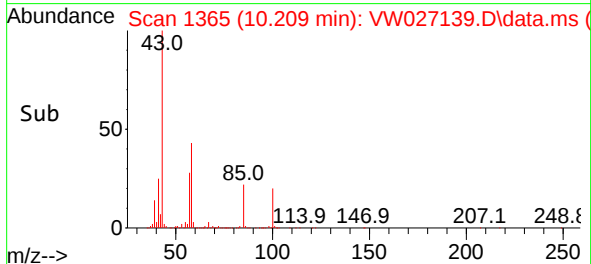
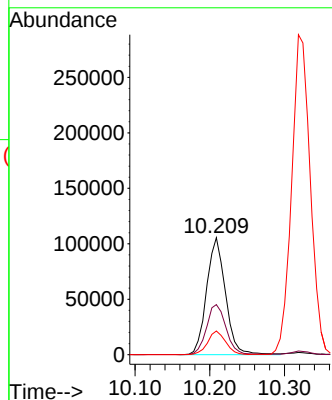
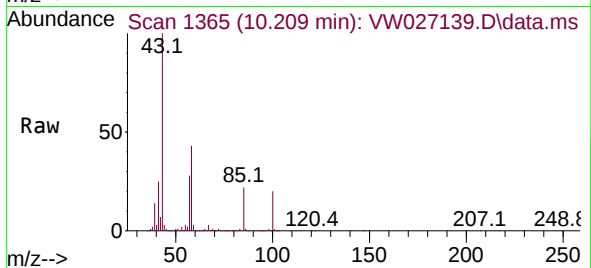
Tgt Ion: 43 Resp: 184373

Ion Ratio Lower Upper

43 100

58 44.3 35.4 53.2

100 19.3 15.2 22.8



#42

Toluene

Concen: 25.901 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027139.D

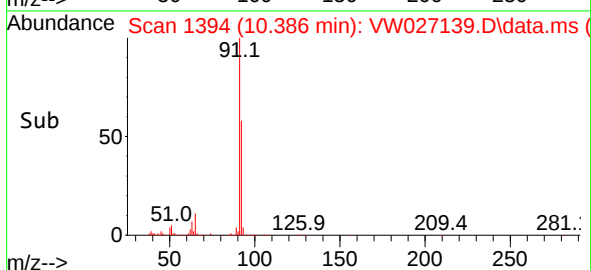
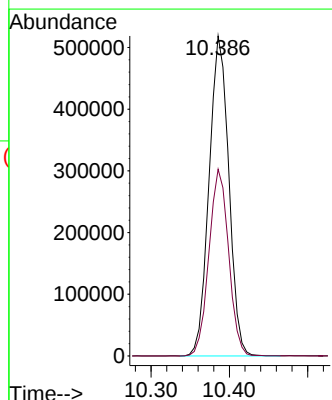
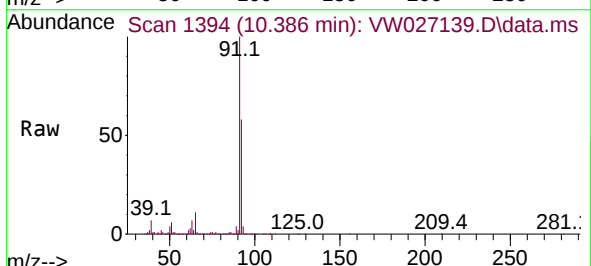
Acq: 19 Sep 2023 09:50

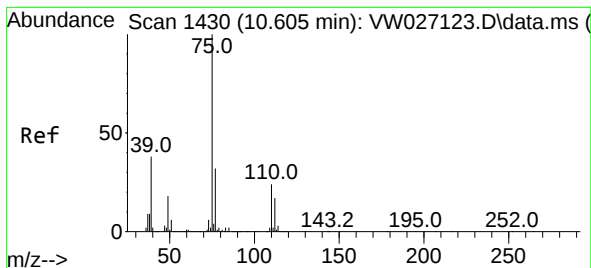
Tgt Ion: 91 Resp: 904928

Ion Ratio Lower Upper

91 100

92 58.4 42.7 79.3





#44

trans-1,3-Dichloropropene

Concen: 25.062 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

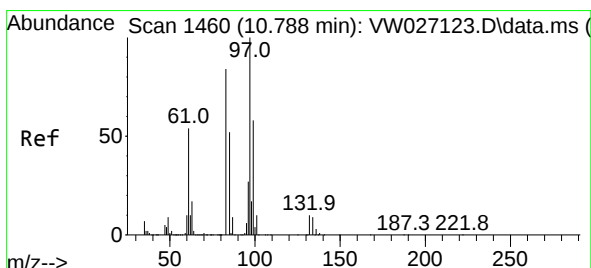
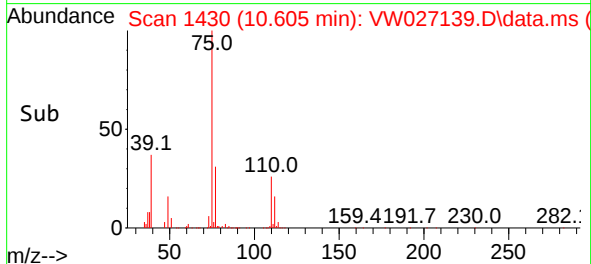
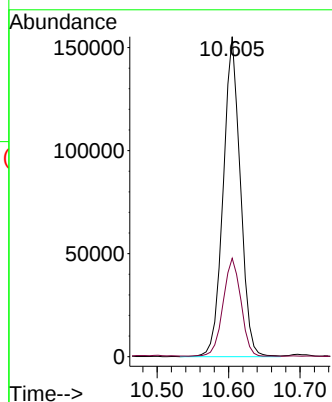
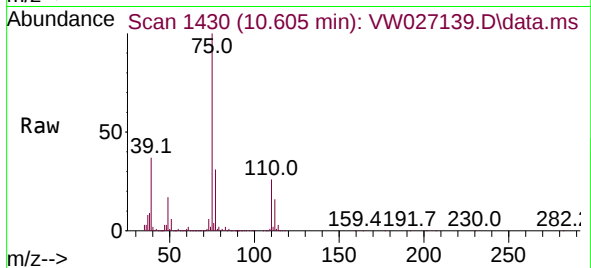
ClientSampleId :

Tgt Ion: 75 Resp: 258695

Ion Ratio Lower Upper

75 100

77 30.8 22.6 42.0



#45

1,1,2-Trichloroethane

Concen: 24.068 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Tgt Ion: 97 Resp: 152064

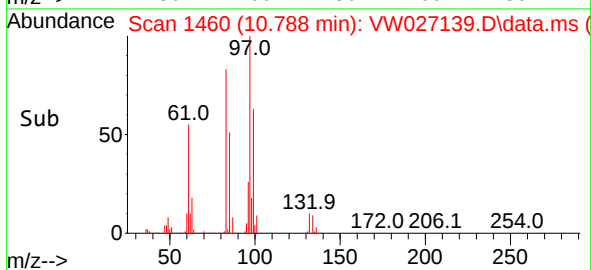
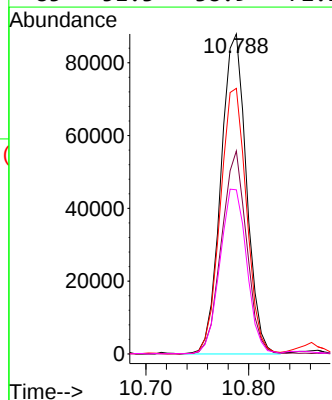
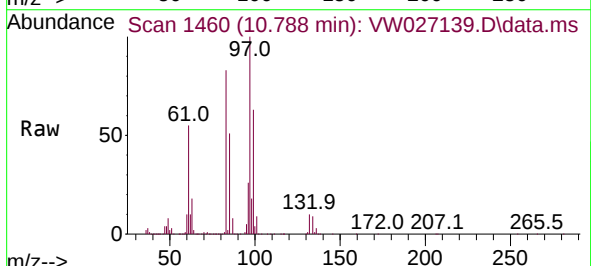
Ion Ratio Lower Upper

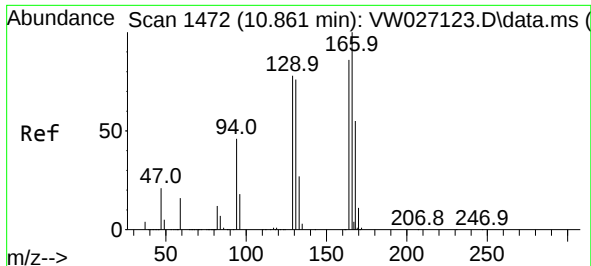
97 100

99 63.5 43.3 80.5

83 83.0 58.0 107.8

85 51.3 38.9 72.2

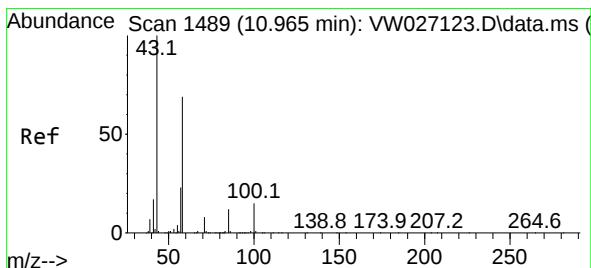
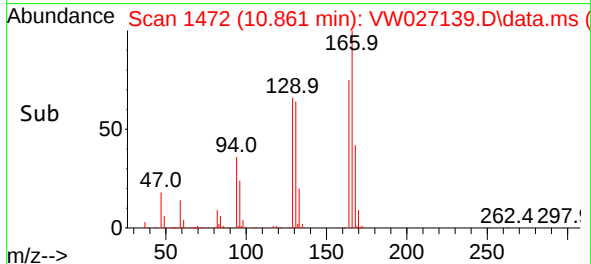
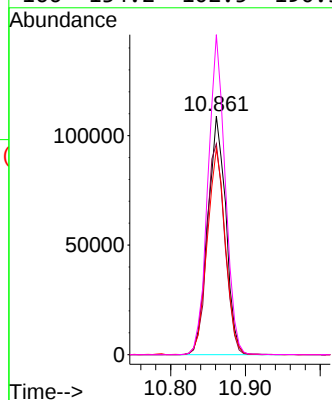
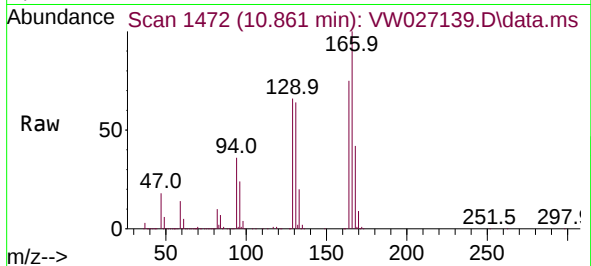




#46
Tetrachloroethene
Concen: 24.958 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

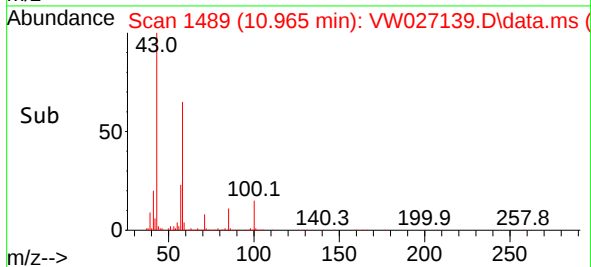
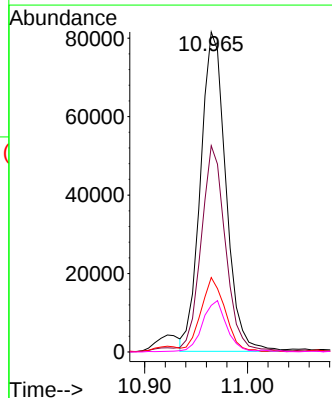
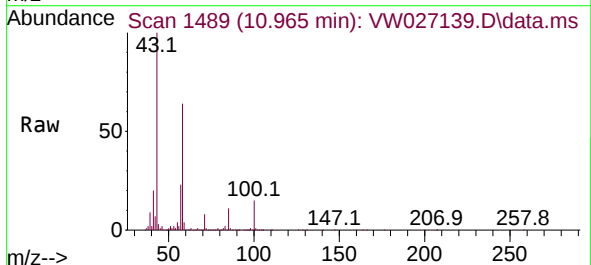
Instrument :
MSVOA_W
ClientSampleId :

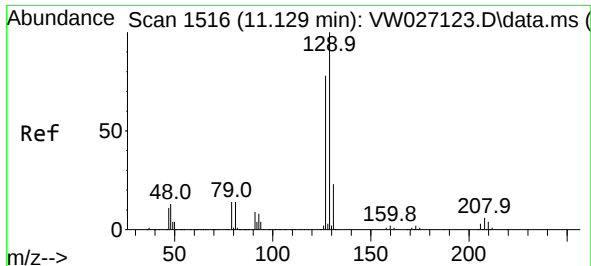
Tgt Ion:164 Resp: 183811
Ion Ratio Lower Upper
164 100
129 88.4 72.9 135.3
131 86.4 68.7 127.7
166 134.2 102.5 190.3



#48
2-Hexanone
Concen: 52.547 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion: 43 Resp: 139548
Ion Ratio Lower Upper
43 100
58 62.0 51.4 77.0
57 22.6 17.2 25.8
100 15.4 12.2 18.2





#49

Dibromochloromethane

Concen: 24.423 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

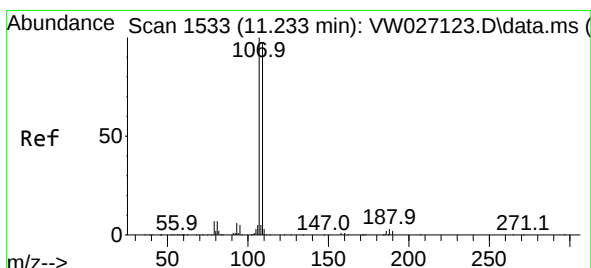
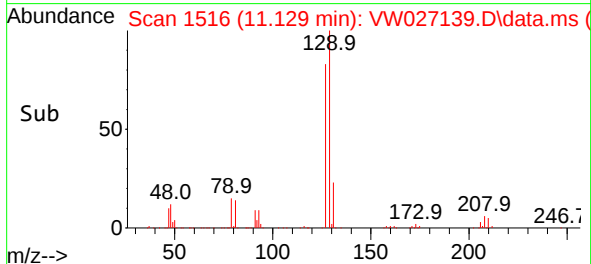
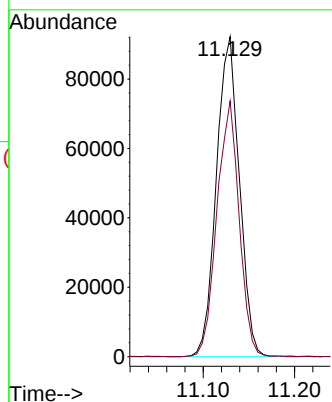
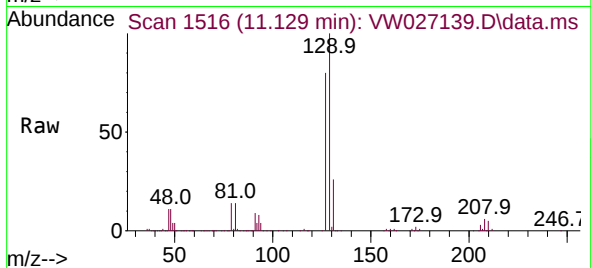
ClientSampleId :

Tgt Ion:129 Resp: 161482

Ion Ratio Lower Upper

129 100

127 79.9 51.9 96.5



#50

1,2-Dibromoethane

Concen: 24.429 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

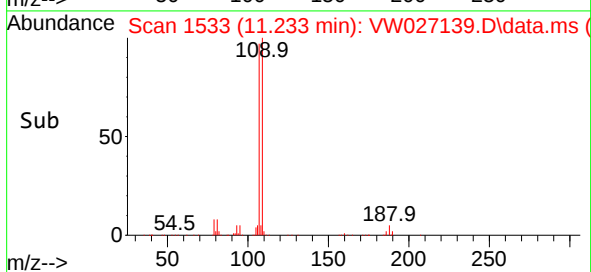
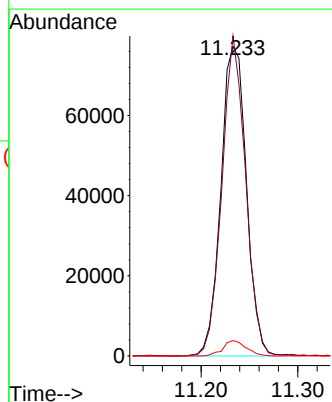
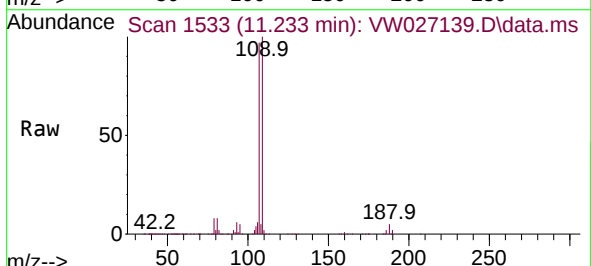
Tgt Ion:107 Resp: 141645

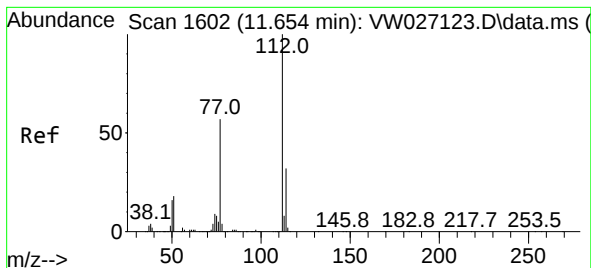
Ion Ratio Lower Upper

107 100

109 103.4 63.3 117.5

188 5.0 3.1 4.7#





#51

Chlorobenzene

Concen: 24.416 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027139.D

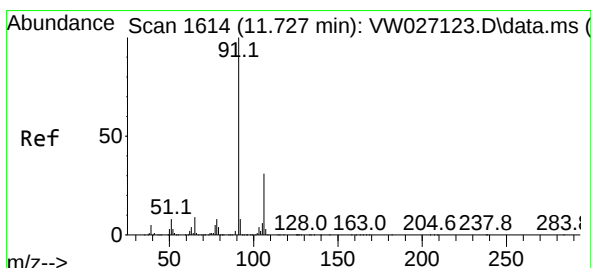
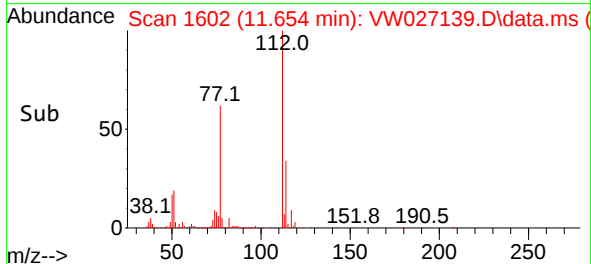
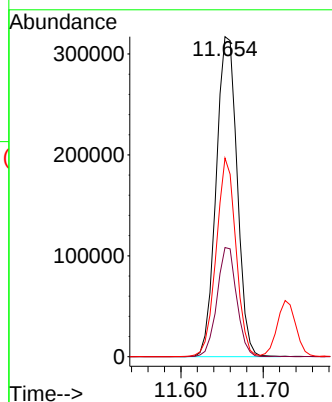
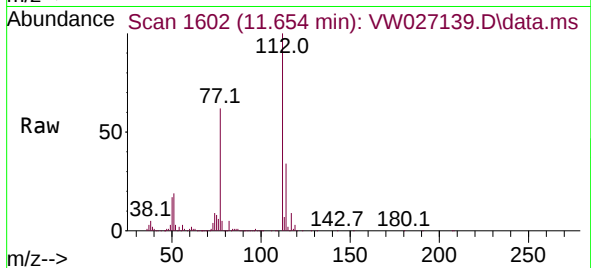
Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:112	Resp: 562957
Ion Ratio	Lower Upper
112	100
114	34.1 19.7 36.7
77	62.1 44.5 66.7



#52

Ethylbenzene

Concen: 25.744 ug/L

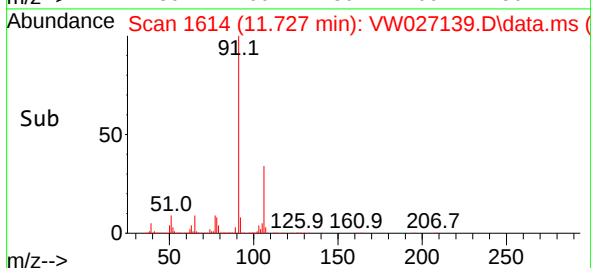
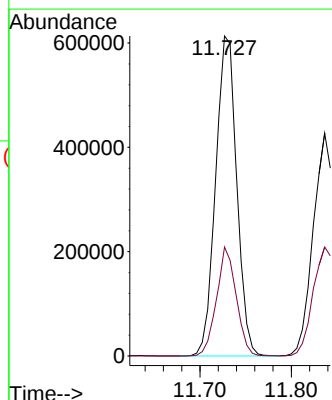
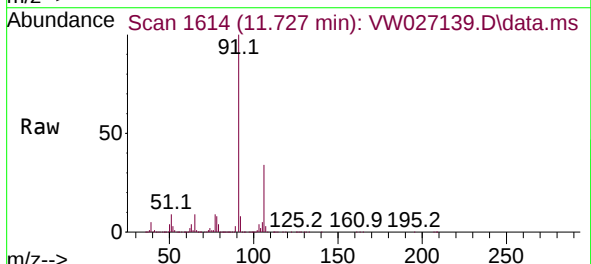
RT: 11.727 min Scan# 1614

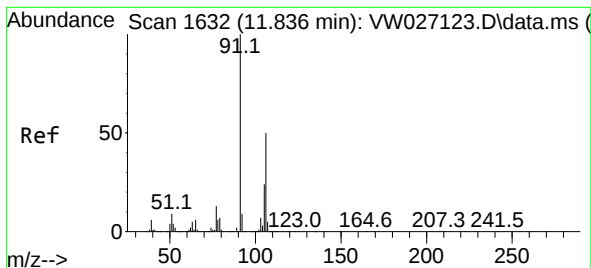
Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Tgt Ion: 91	Resp: 986502
Ion Ratio	Lower Upper
91	100
106	34.0 21.8 40.4





#53

m,p-Xylene

Concen: 25.910 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

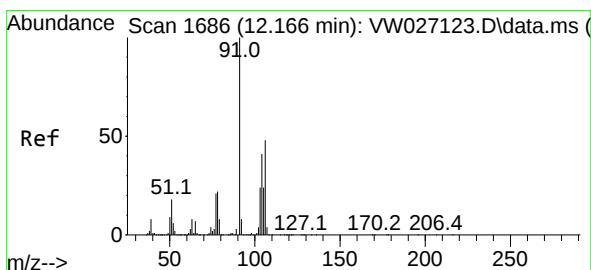
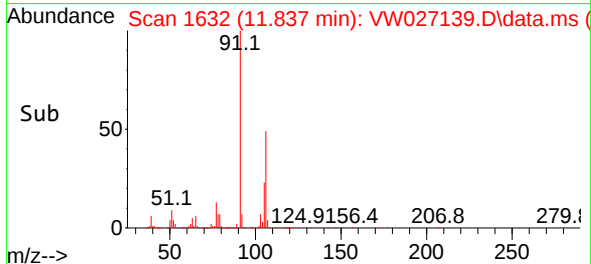
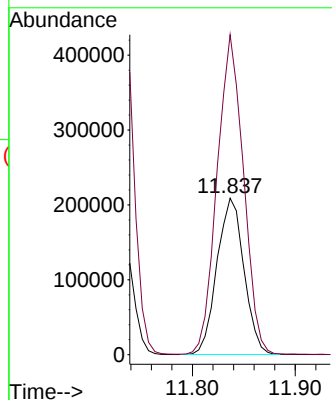
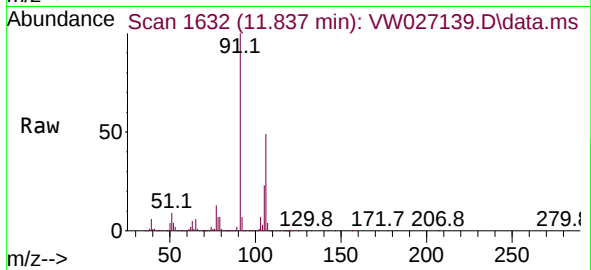
ClientSampleId :

Tgt Ion:106 Resp: 380755

Ion Ratio Lower Upper

106 100

91 204.4 142.7 265.1



#54

o-Xylene

Concen: 25.593 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW027139.D

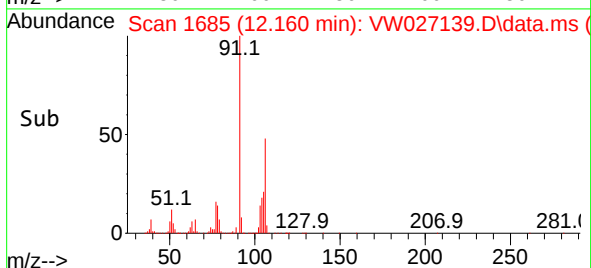
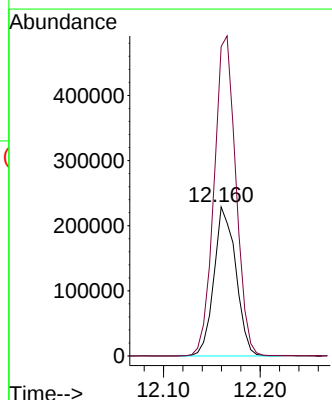
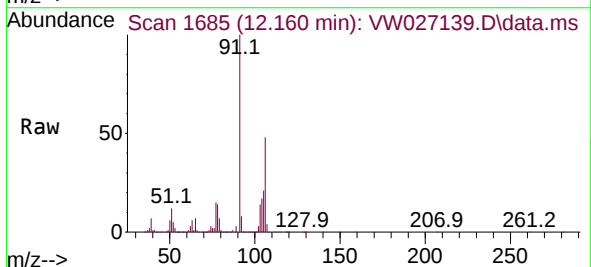
Acq: 19 Sep 2023 09:50

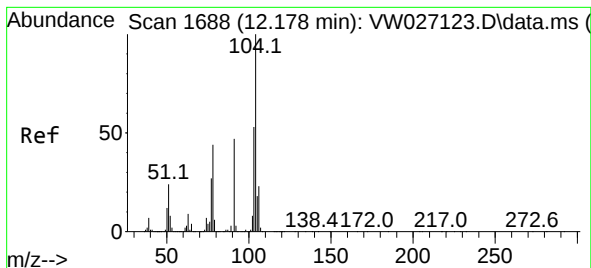
Tgt Ion:106 Resp: 358292

Ion Ratio Lower Upper

106 100

91 207.8 140.6 261.0





#55

Styrene

Concen: 26.593 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

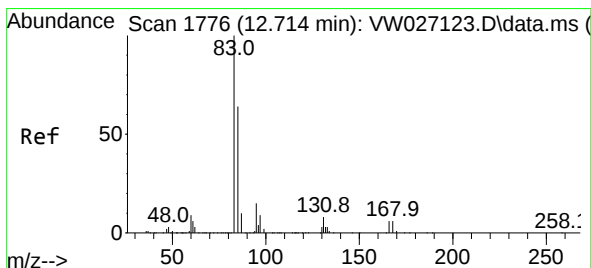
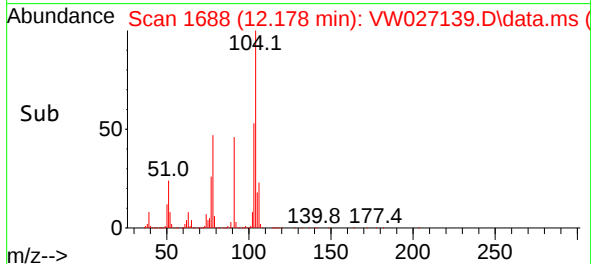
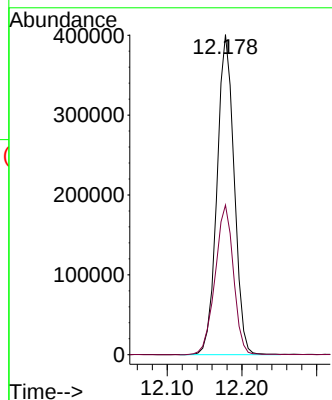
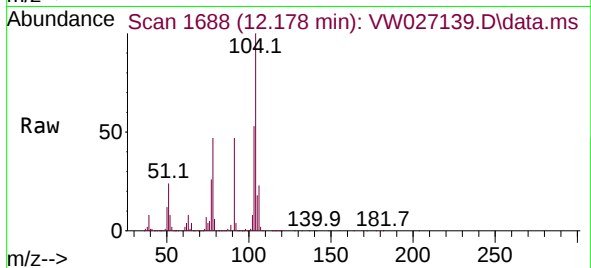
ClientSampleId :

Tgt Ion:104 Resp: 637913

Ion Ratio Lower Upper

104 100

78 46.7 30.2 56.0



#57

1,1,2,2-Tetrachloroethane

Concen: 24.527 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

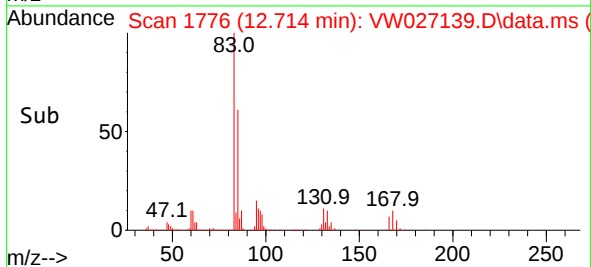
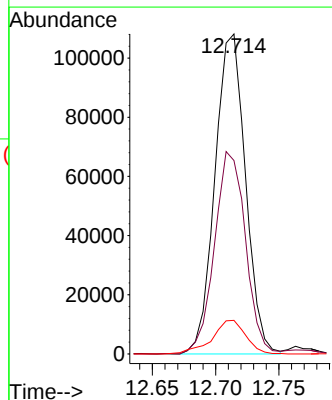
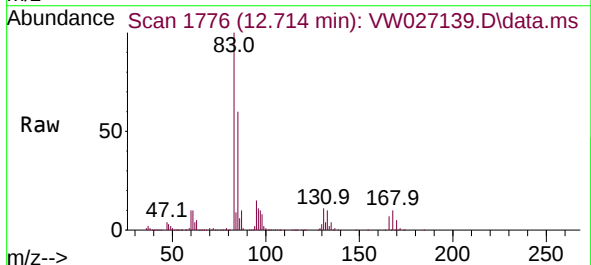
Tgt Ion: 83 Resp: 181558

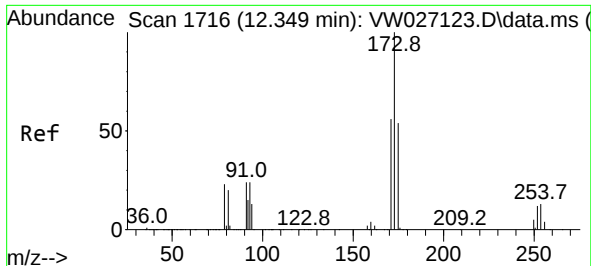
Ion Ratio Lower Upper

83 100

85 60.5 42.5 78.9

131 10.5 7.8 11.8

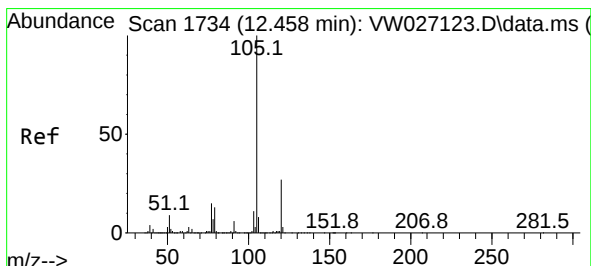
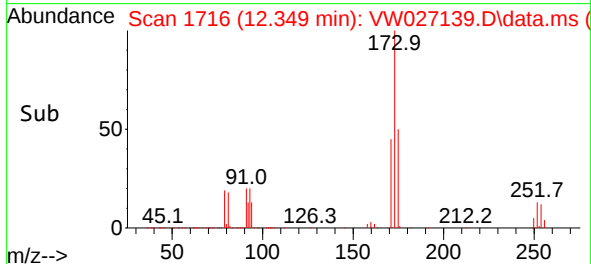
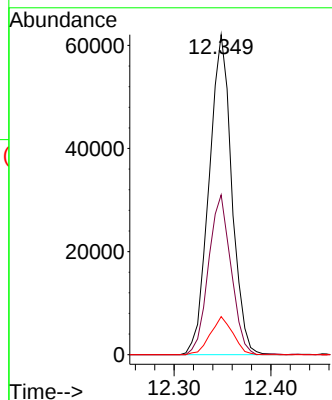
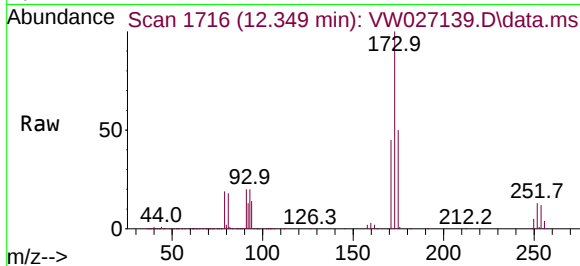




#59
Bromoform
Concen: 24.403 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

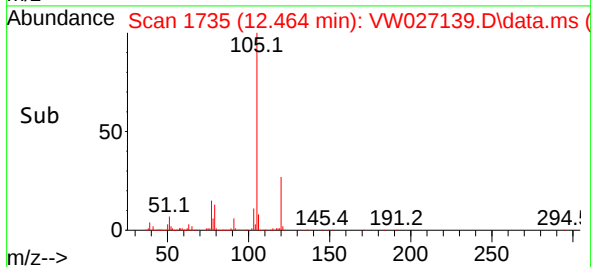
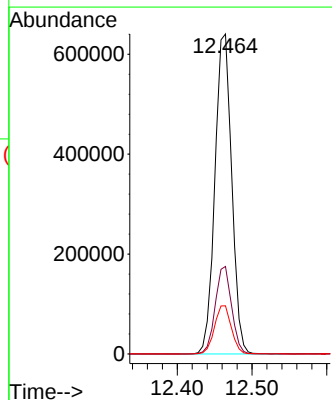
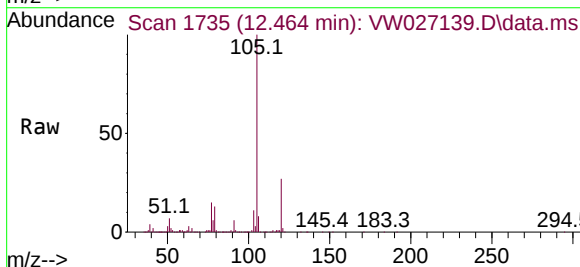
Instrument :
MSVOA_W
ClientSampleId :

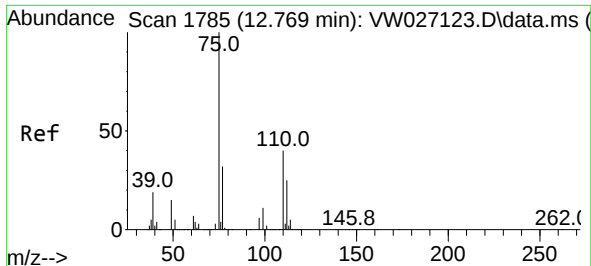
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	36.6	55.0
254	11.8	10.0	15.0



#60
Isopropylbenzene
Concen: 26.035 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.0	31.4
77	15.2	12.0	18.0





#61

1,2,3-Trichloropropane

Concen: 23.375 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW027139.D

Acq: 19 Sep 2023 09:50

Instrument :

MSVOA_W

ClientSampleId :

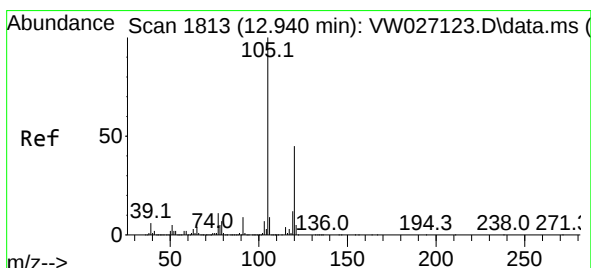
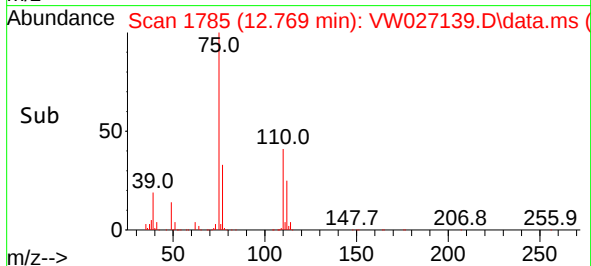
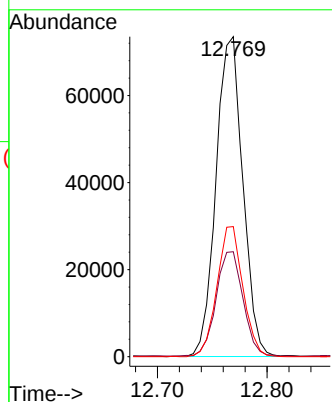
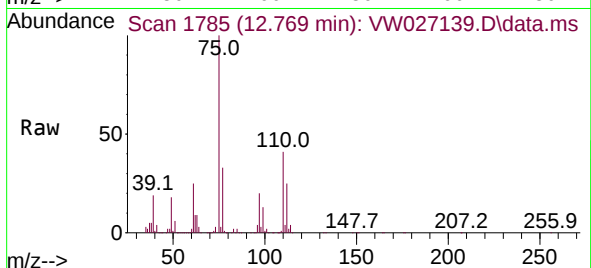
Tgt Ion: 75 Resp: 124941

Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0

110 39.3 31.6 47.4



#62

1,3,5-Trimethylbenzene

Concen: 26.108 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027139.D

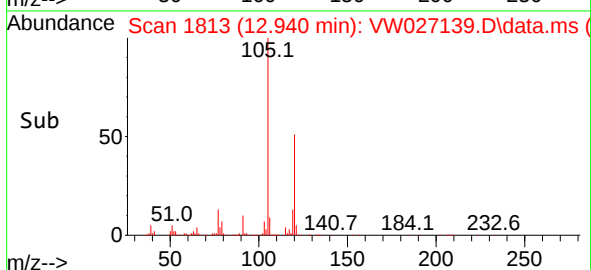
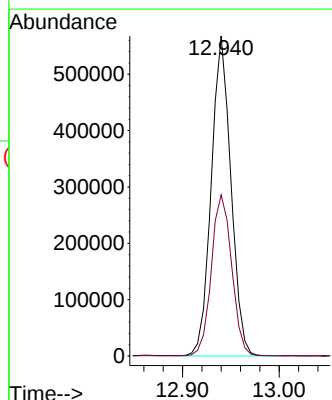
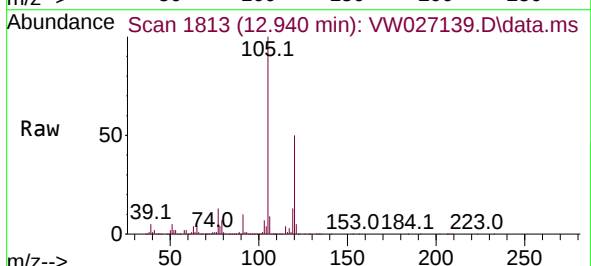
Acq: 19 Sep 2023 09:50

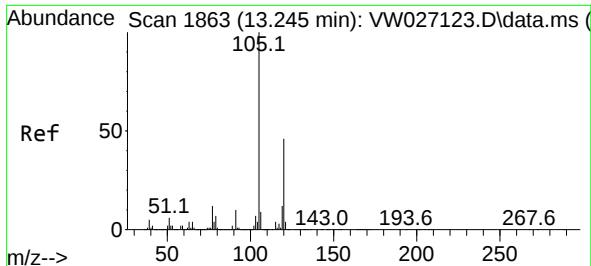
Tgt Ion: 105 Resp: 802263

Ion Ratio Lower Upper

105 100

120 51.9 40.5 60.7

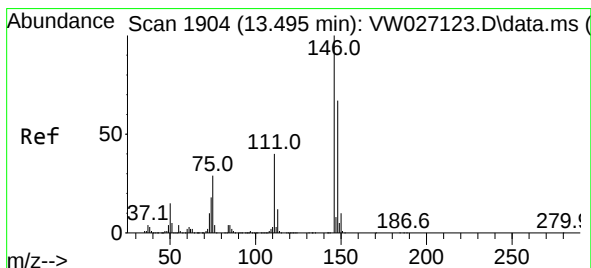
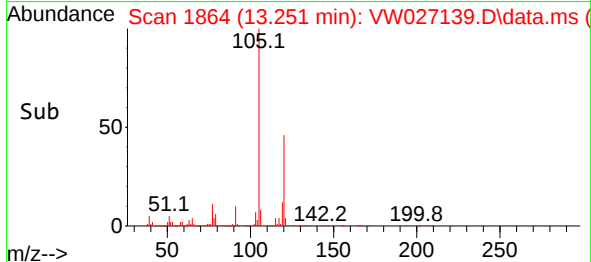
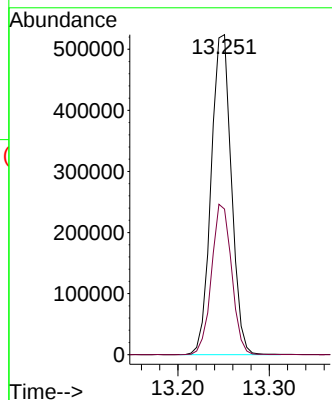
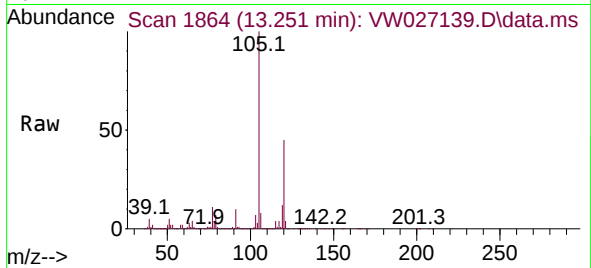




#63
1,2,4-Trimethylbenzene
Concen: 27.089 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

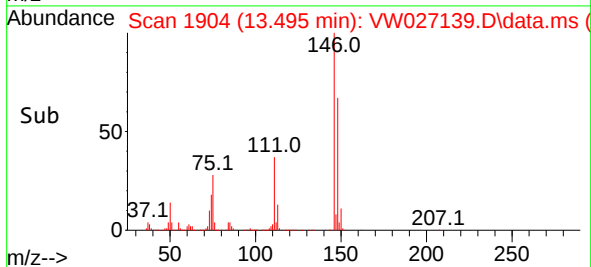
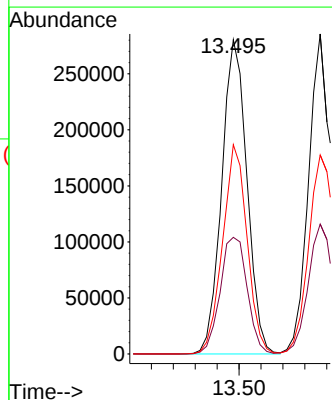
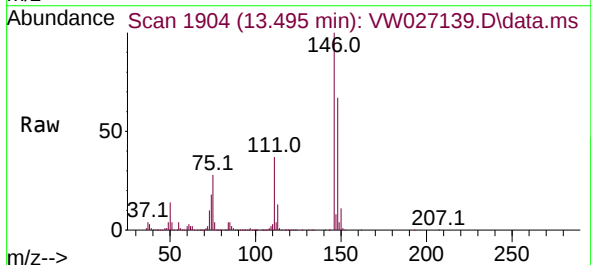
Instrument :
MSVOA_W
ClientSampleId :

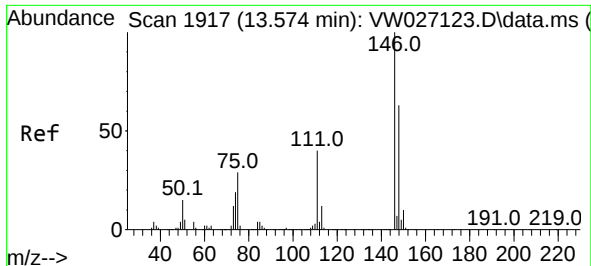
Tgt Ion:105 Resp: 806506
Ion Ratio Lower Upper
105 100
120 46.5 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 24.708 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion:146 Resp: 448632
Ion Ratio Lower Upper
146 100
111 37.1 27.6 51.4
148 66.6 46.0 85.4

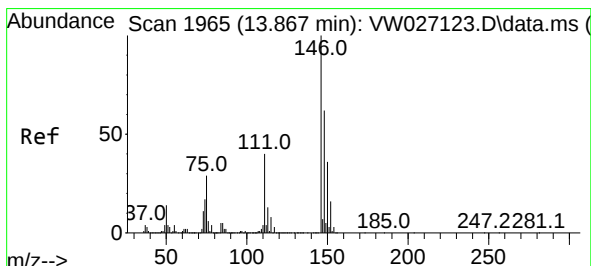
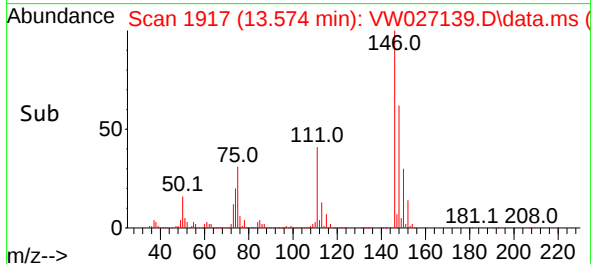
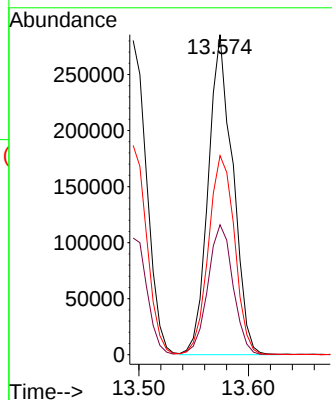
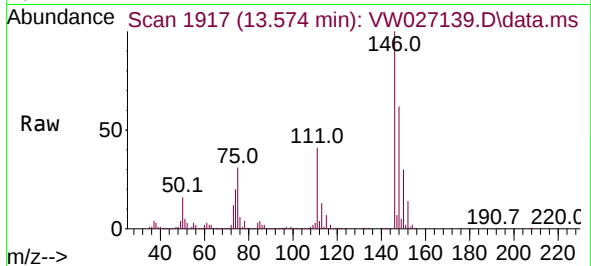




#65
1,4-Dichlorobenzene
Concen: 23.534 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

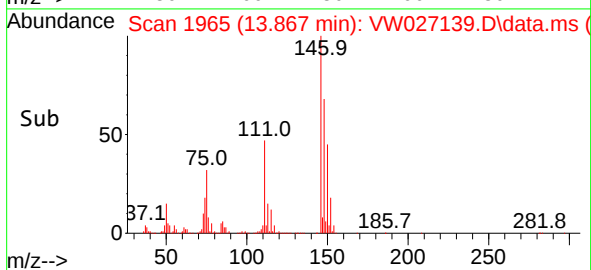
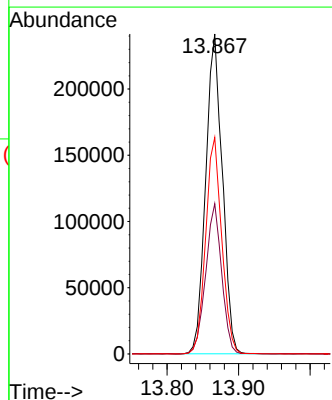
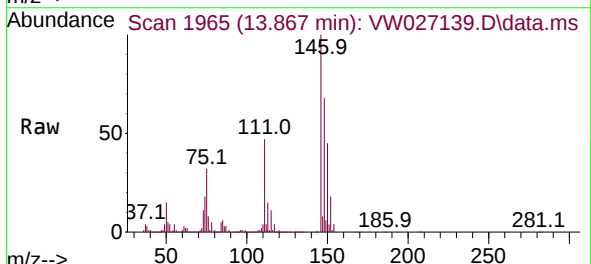
Instrument :
MSVOA_W
ClientSampleId :

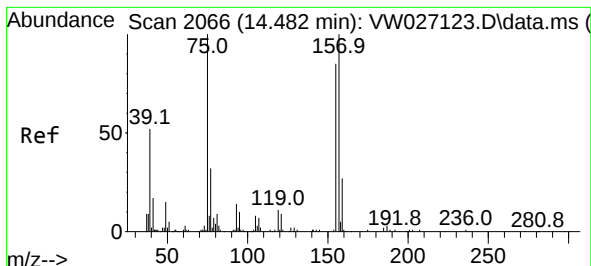
Tgt Ion:146 Resp: 444115
Ion Ratio Lower Upper
146 100
111 40.6 28.1 52.1
148 62.2 43.2 80.2



#67
1,2-Dichlorobenzene
Concen: 23.492 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion:146 Resp: 389873
Ion Ratio Lower Upper
146 100
111 47.0 32.2 48.2
148 67.6 51.2 76.8

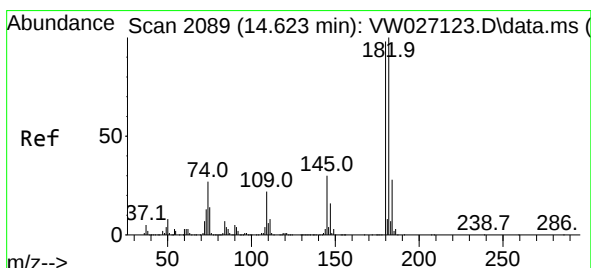
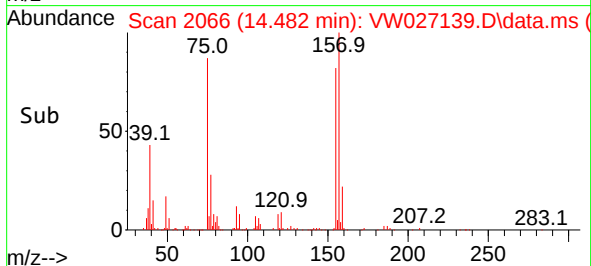
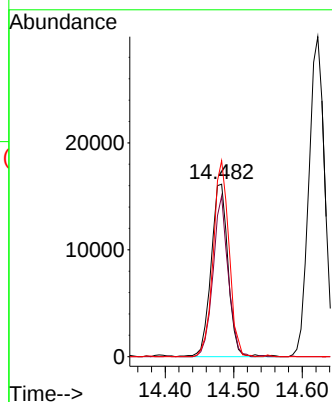
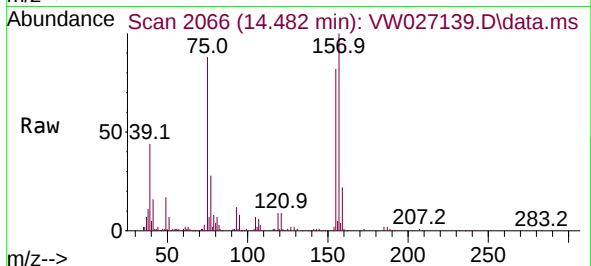




#68
1,2-Dibromo-3-chloropropane
Concen: 23.405 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

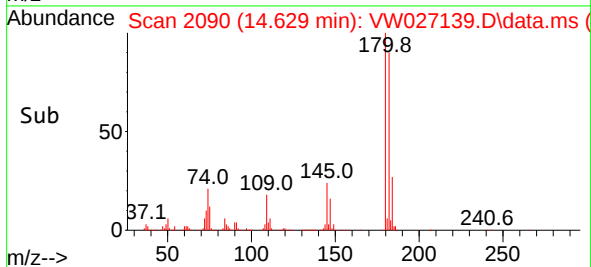
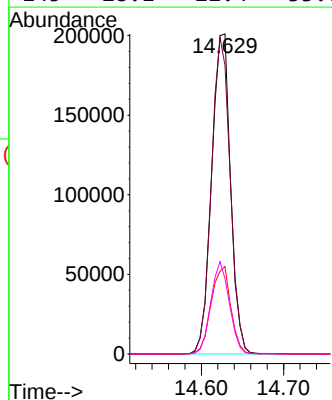
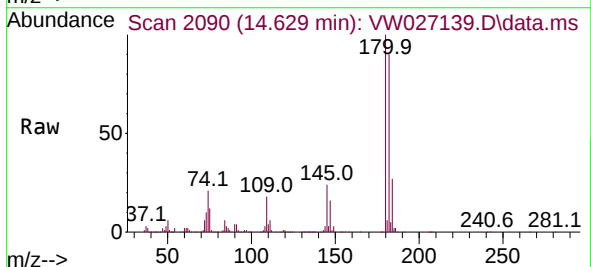
Instrument :
MSVOA_W
ClientSampleId :

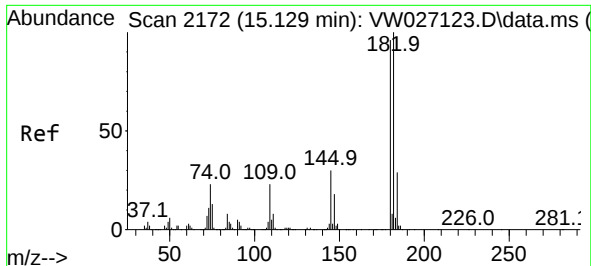
Tgt Ion: 75 Resp: 27703
Ion Ratio Lower Upper
75 100
155 93.2 58.7 88.1#
157 113.7 95.9 143.9



#69
1,3,5-Trichlorobenzene
Concen: 24.592 ug/L
RT: 14.629 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

Tgt Ion:180 Resp: 321418
Ion Ratio Lower Upper
180 100
182 97.9 76.6 115.0
184 28.3 23.8 35.8
145 28.1 22.4 33.6

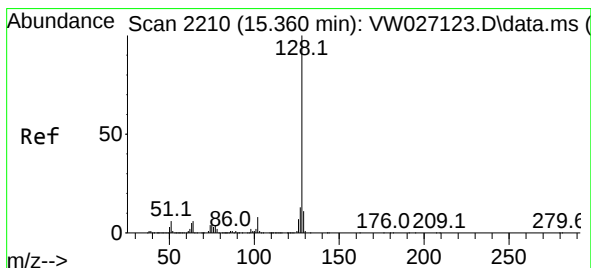
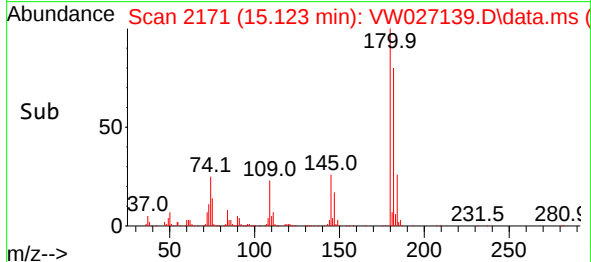
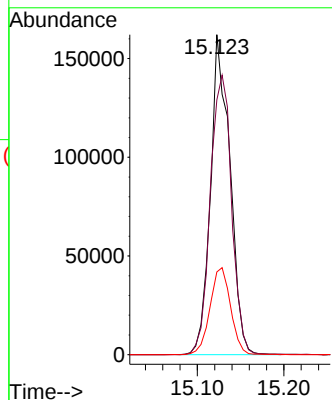
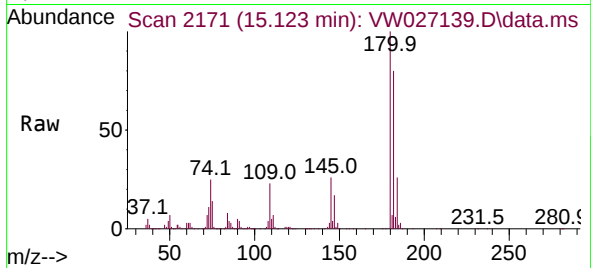




#70
1,2,4-trichlorobenzene
Concen: 24.471 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

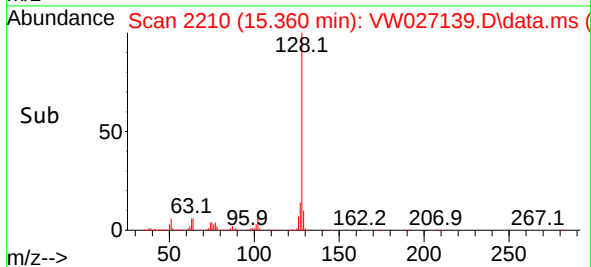
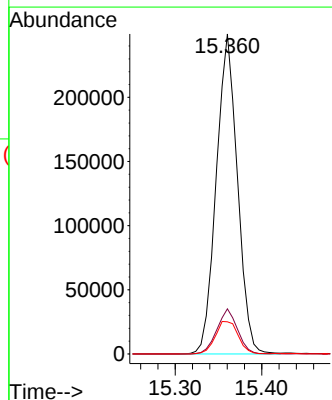
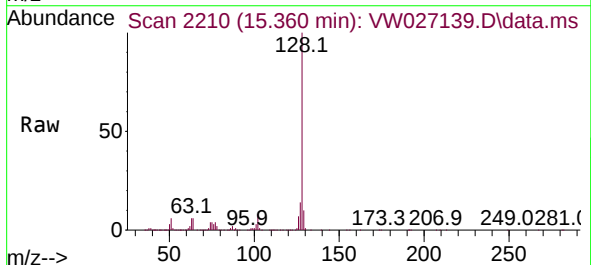
Instrument :
MSVOA_W
ClientSampleId :

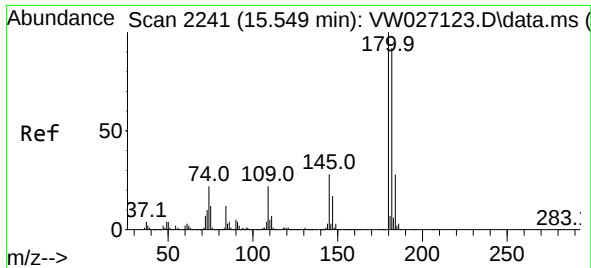
Tgt Ion:180 Resp: 253484
Ion Ratio Lower Upper
180 100
182 95.7 78.2 117.4
145 28.8 24.6 36.8



#71
Naphthalene
Concen: 24.564 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027139.D
Acq: 19 Sep 2023 09:50

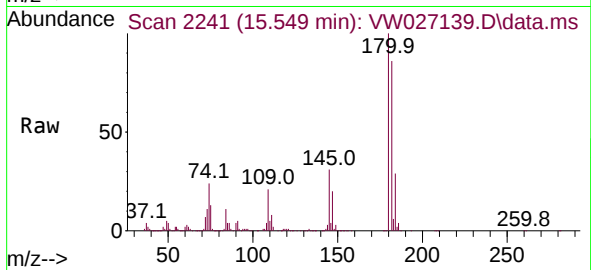
Tgt Ion:128 Resp: 423285
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 24.849 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027139.D
 Acq: 19 Sep 2023 09:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 232371
 Ion Ratio Lower Upper
 180 100
 182 94.5 79.0 118.6
 145 30.4 25.4 38.2

