

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028084.D
 Acq On : 29 Feb 2024 11:15
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 01 00:22:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	269830	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	246200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71107	22.076	ug/L	0.00
7) Chloroethane-d5	2.899	69	54165	21.708	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	30774	23.390	ug/L	0.00
21) 2-Butanone-d5	7.081	46	25120	54.671	ug/L	0.00
24) Chloroform-d	7.654	84	137016	23.974	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	65570	24.652	ug/L	0.00
32) Benzene-d6	8.276	84	281006	24.450	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	73407	24.720	ug/L	0.00
41) Toluene-d8	10.319	98	268530	24.792	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	33359	25.635	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	24424	58.394	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62599	26.710	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	95372	24.207	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	63721	23.216	ug/L	100
3) Chloromethane	2.222	50	66202	25.258	ug/L	100
5) Vinyl chloride	2.375	62	92647	25.364	ug/L	100
6) Bromomethane	2.789	94	72676	24.939	ug/L	100
8) Chloroethane	2.942	64	54640	23.819	ug/L	100
9) Trichlorofluoromethane	3.271	101	84881	24.913	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	87679	24.752	ug/L	100
12) 1,1-Dichloroethene	4.045	96	84112	25.076	ug/L	100
13) Acetone	4.118	43	41441	64.963	ug/L	100
14) Carbon disulfide	4.387	76	257005	25.153	ug/L	100
15) Methyl Acetate	4.673	43	26629	29.335	ug/L	100
16) Methylene chloride	4.917	84	84834	22.856	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	91774	25.606	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	117469	26.762	ug/L	100
19) 1,1-Dichloroethane	6.216	63	143394	25.303	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	96781	25.658	ug/L	100
22) 2-Butanone	7.167	43	45961	64.078	ug/L	100
23) Bromochloromethane	7.514	128	47021	26.554	ug/L	100
25) Chloroform	7.679	83	160285	25.322	ug/L	100
27) 1,2-Dichloroethane	8.398	62	98960	26.291	ug/L	100
29) Cyclohexane	7.959	56	122865	25.952	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	139990	25.466	ug/L	100
31) Carbon tetrachloride	8.069	117	130036	25.332	ug/L	100
33) Benzene	8.325	78	345095	25.946	ug/L	100
34) Trichloroethene	9.093	95	98083	25.168	ug/L	100
35) Methylcyclohexane	9.331	83	165110	26.177	ug/L	100
37) 1,2-Dichloropropane	9.368	63	80647	26.037	ug/L	100
38) Bromodichloromethane	9.642	83	116341	26.004	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	136196	26.739	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	72824	59.194	ug/L	100
42) Toluene	10.386	91	391561	26.054	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	114731	27.727	ug/L	100

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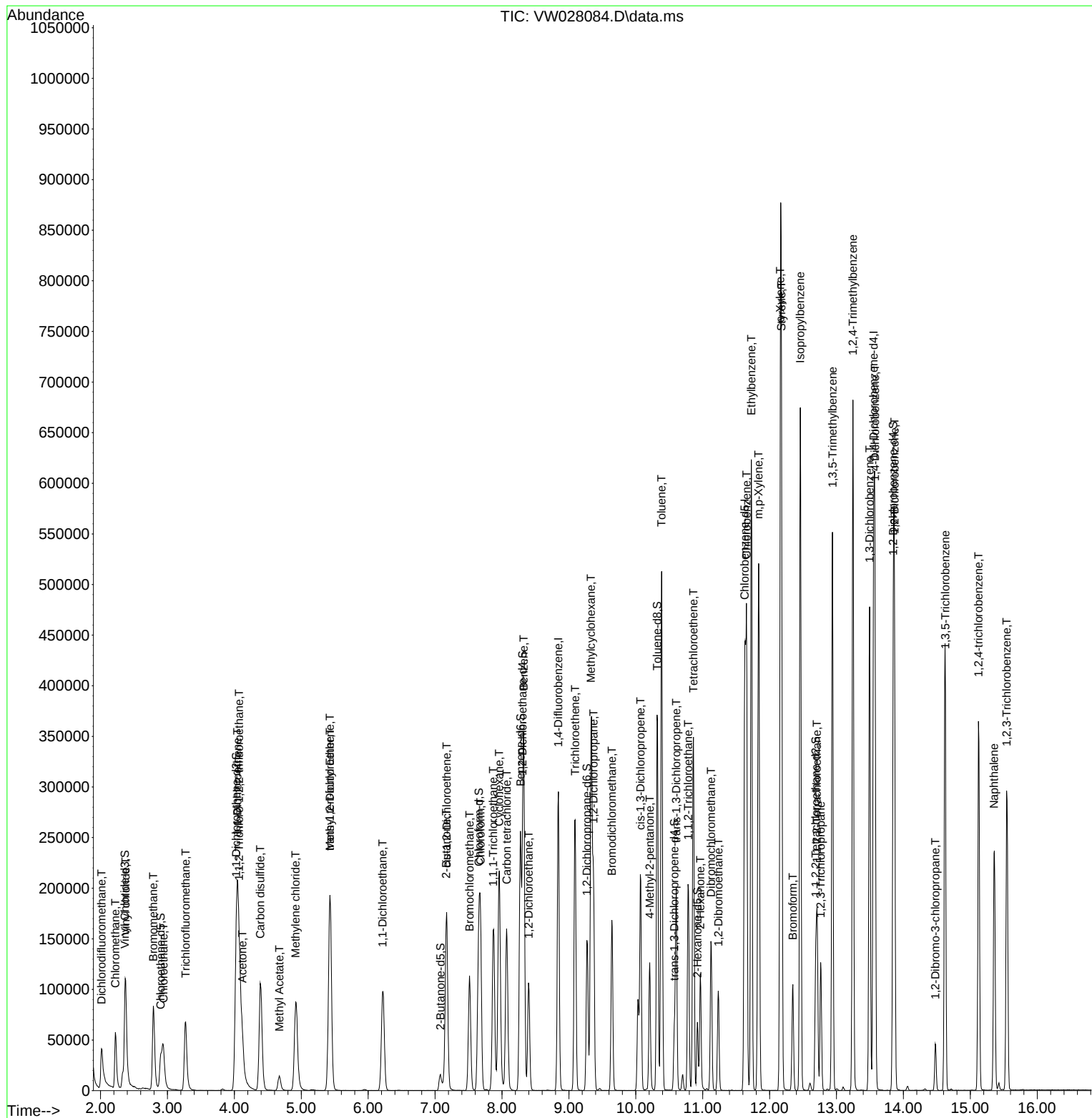
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	70685	27.211	ug/L	100
46) Tetrachloroethene	10.861	164	83106	25.444	ug/L	100
48) 2-Hexanone	10.965	43	63618	63.954	ug/L	100
49) Dibromochloromethane	11.123	129	80791	26.754	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67367	26.926	ug/L	100
51) Chlorobenzene	11.654	112	256758	25.604	ug/L	100
52) Ethylbenzene	11.727	91	444289	25.857	ug/L	100
53) m,p-Xylene	11.837	106	177282	26.592	ug/L	100
54) o-Xylene	12.160	106	165708	26.264	ug/L	100
55) Styrene	12.178	104	286305	26.608	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	78234	27.931	ug/L	100
59) Bromoform	12.349	173	50755	27.025	ug/L	100
60) Isopropylbenzene	12.458	105	450236	24.773	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	55251	27.131	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	309550	25.978	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	374938	26.386	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	205225	24.433	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	210281	24.798	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	184348	24.365	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	11899	27.819	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	147285	23.761	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	120706	24.248	ug/L	100
71) Naphthalene	15.354	128	223055	27.397	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	106536	25.593	ug/L	100

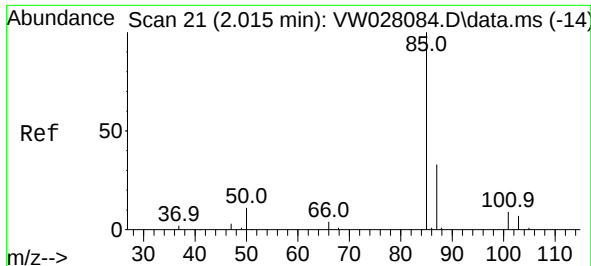
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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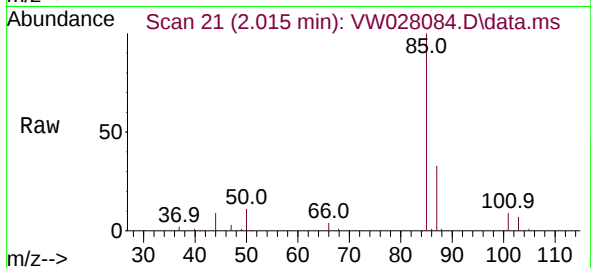
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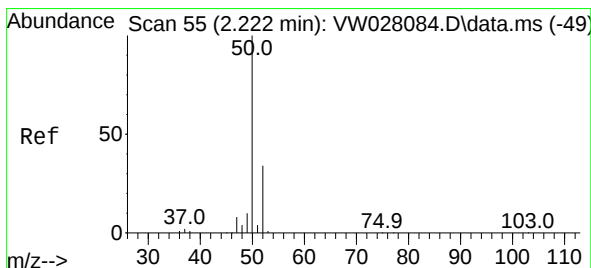
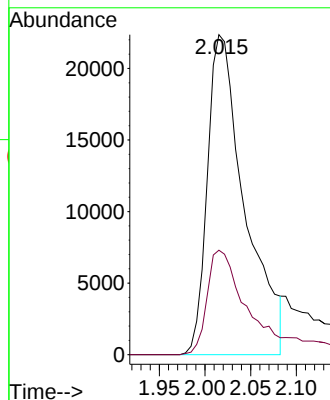
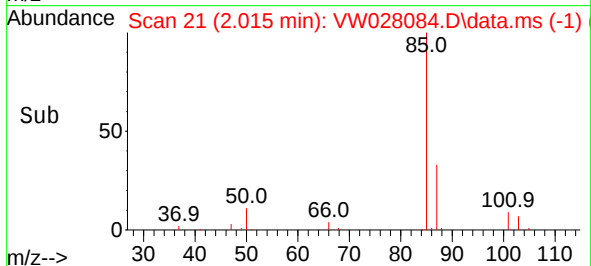


#2
 Dichlorodifluoromethane
 Concen: 23.216 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028084.D
 Acq: 29 Feb 2024 11:15

Instrument :
 MSVOA_W
 ClientSampleId :

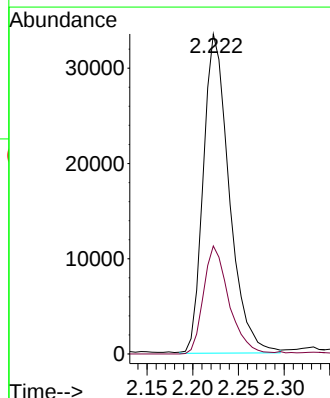
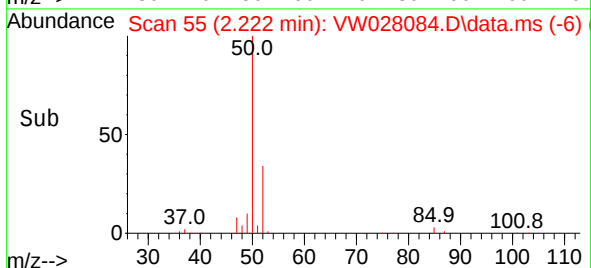
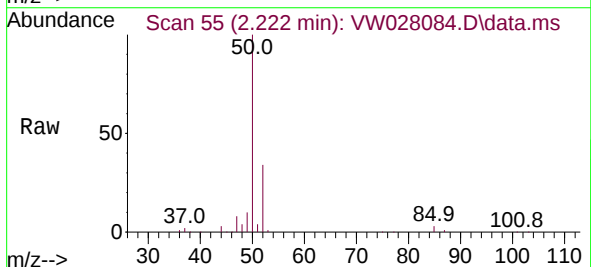


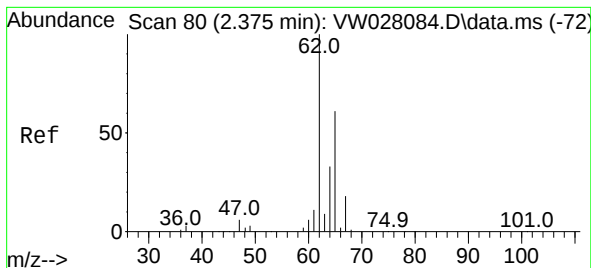
Tgt Ion: 85 Resp: 63721
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#3
 Chloromethane
 Concen: 25.258 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028084.D
 Acq: 29 Feb 2024 11:15

Tgt Ion: 50 Resp: 66202
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 25.364 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

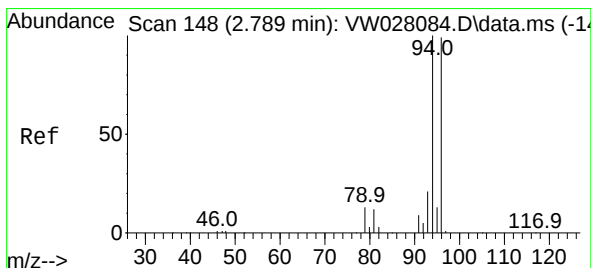
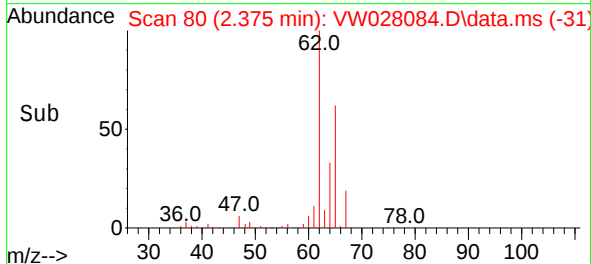
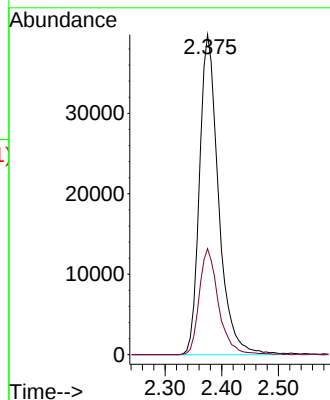
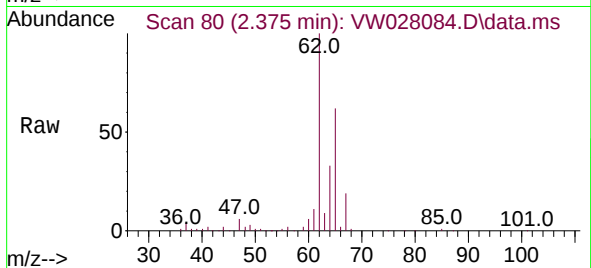
ClientSampleId :

Tgt Ion: 62 Resp: 92647

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.0



#6

Bromomethane

Concen: 24.939 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028084.D

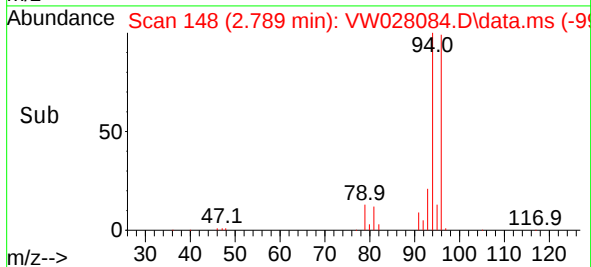
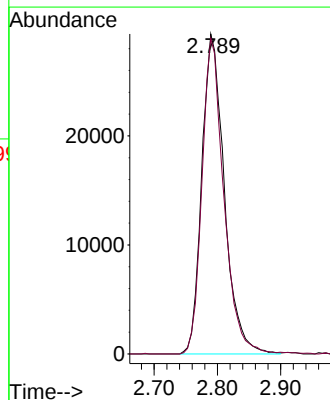
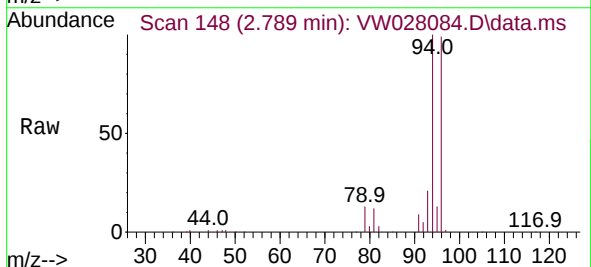
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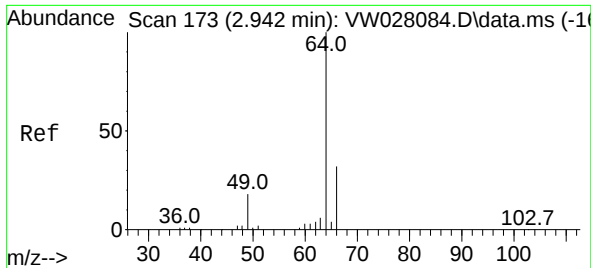
Tgt Ion: 94 Resp: 72676

Ion Ratio Lower Upper

94 100

96 98.7 69.1 128.3

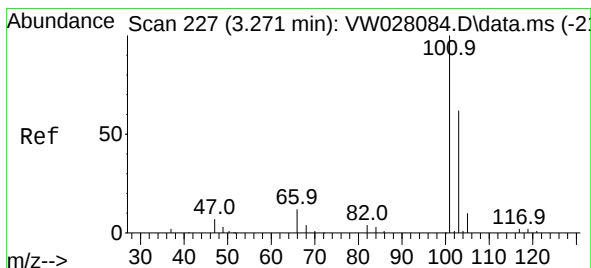
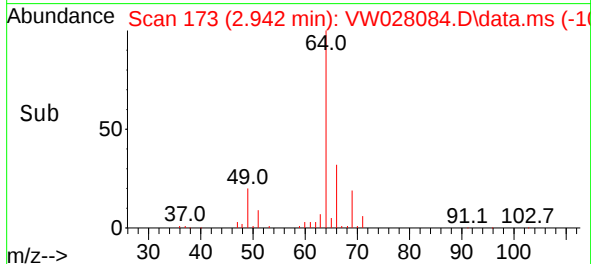
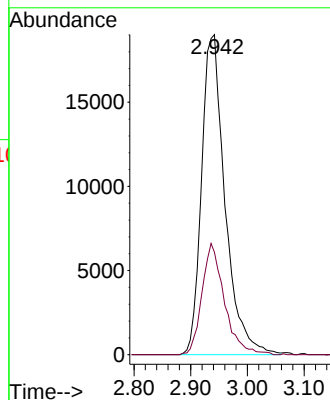
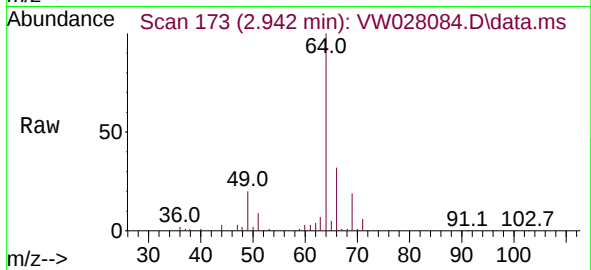




#8
Chloroethane
Concen: 23.819 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW028084.D
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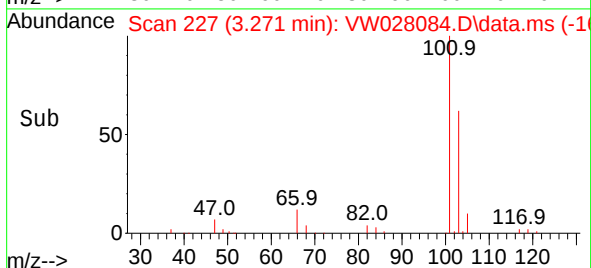
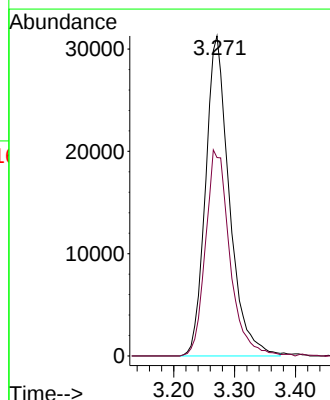
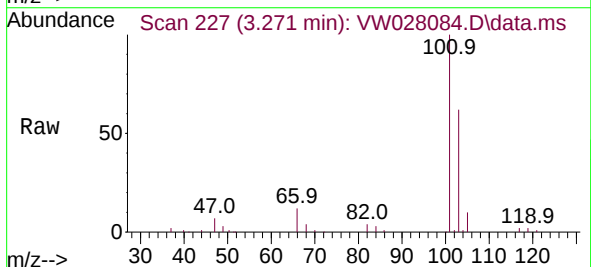
Instrument :
MSVOA_W
ClientSampleId :

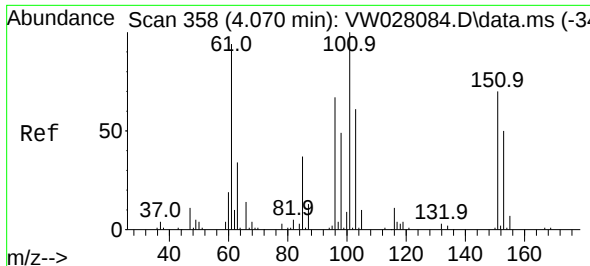
Tgt Ion: 64 Resp: 54640
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 24.913 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion:101 Resp: 84881
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8





#10

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

Concen: 24.752 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :

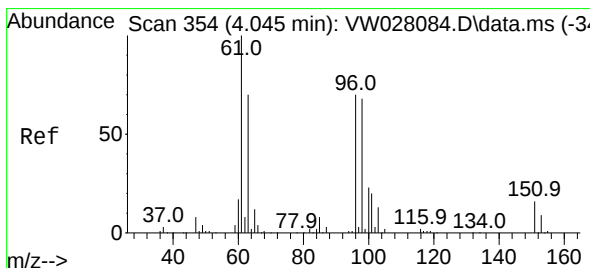
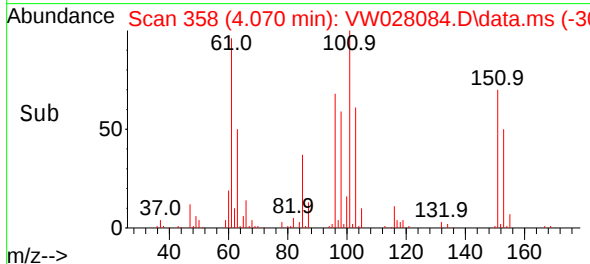
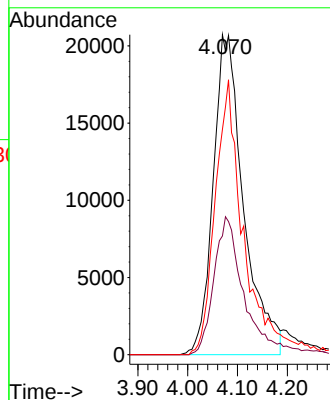
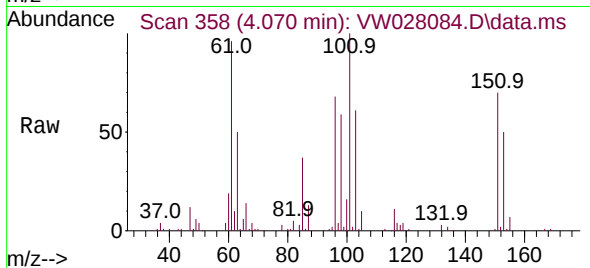
Tgt Ion:101 Resp: 87679

Ion Ratio Lower Upper

101 100

85 41.4 33.1 49.7

151 67.1 53.7 80.5



#12

1,1-Dichloroethene

Concen: 25.076 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

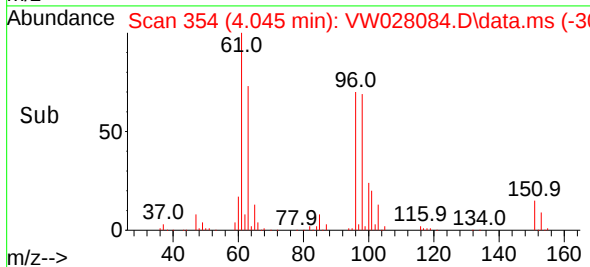
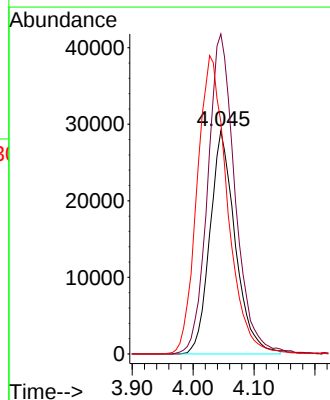
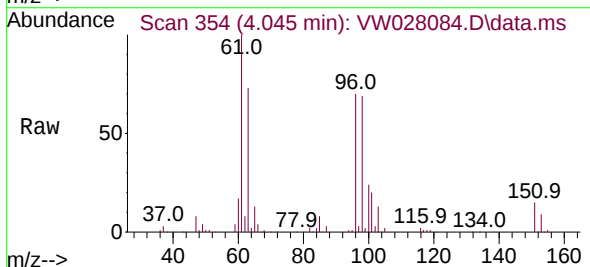
Tgt Ion: 96 Resp: 84112

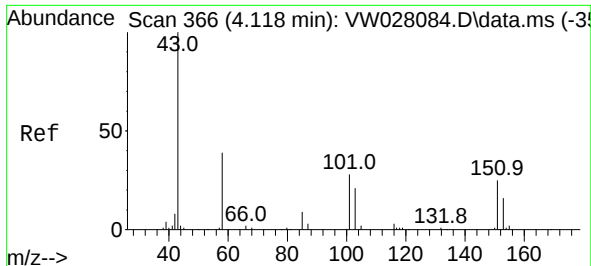
Ion Ratio Lower Upper

96 100

61 143.6 100.5 186.7

63 104.2 72.9 135.5

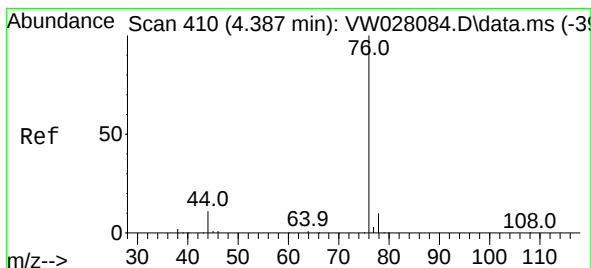
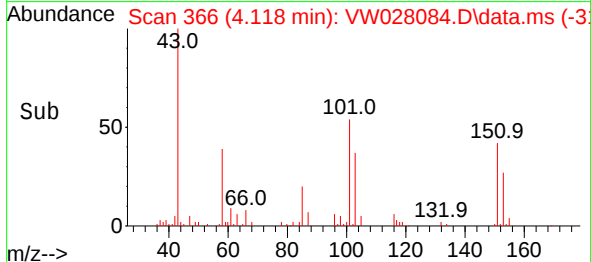
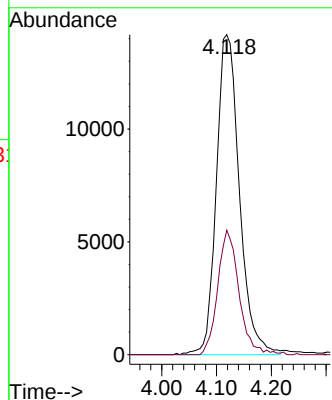
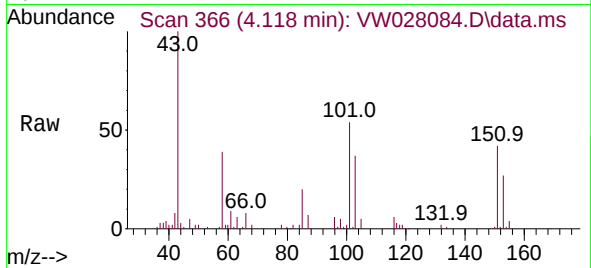




#13
Acetone
Concen: 64.963 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

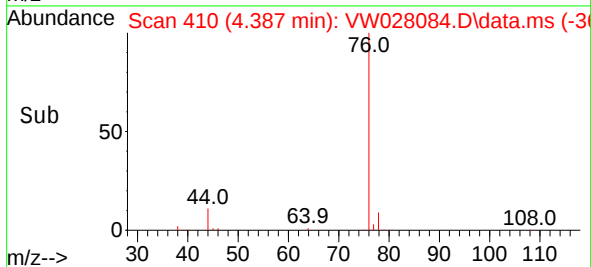
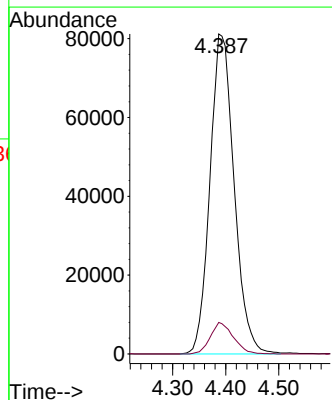
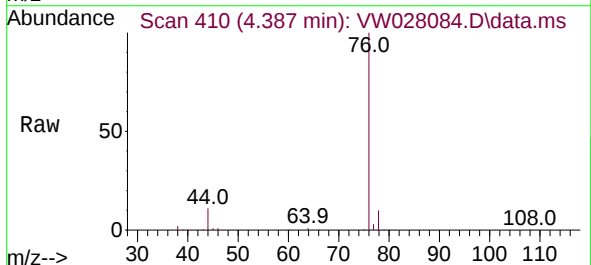
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MSVOA_W
ClientSampleId :

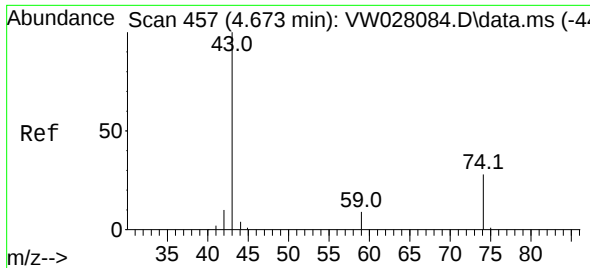
Tgt Ion: 43 Resp: 41441
Ion Ratio Lower Upper
43 100
58 35.0 0.0 70.0



#14
Carbon disulfide
Concen: 25.153 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion: 76 Resp: 257005
Ion Ratio Lower Upper
76 100
78 9.9 7.9 11.9

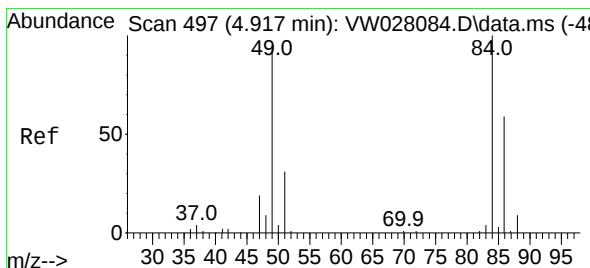
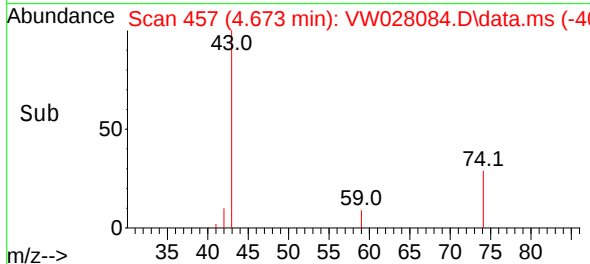
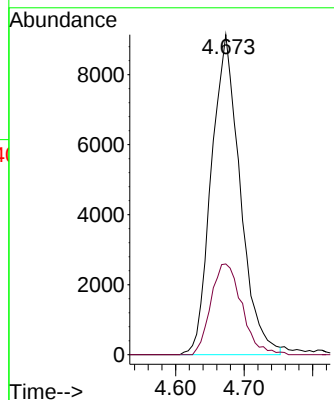
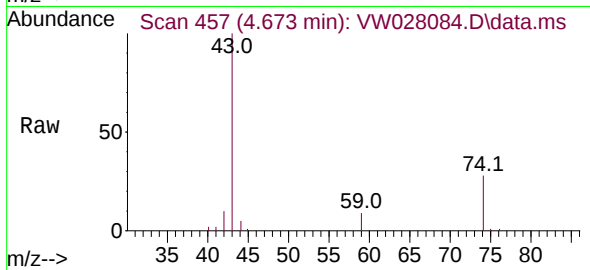




#15
Methyl Acetate
Concen: 29.335 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

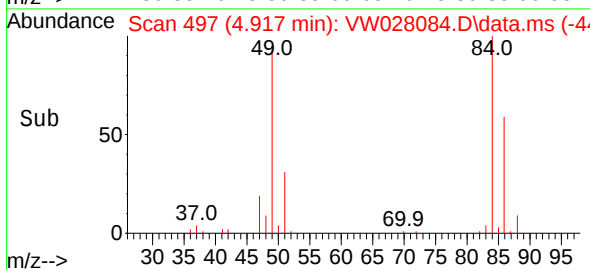
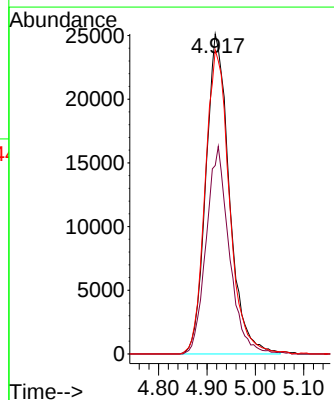
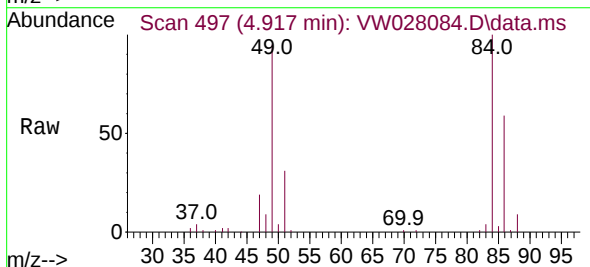
Instrument :
MSVOA_W
ClientSampleId :

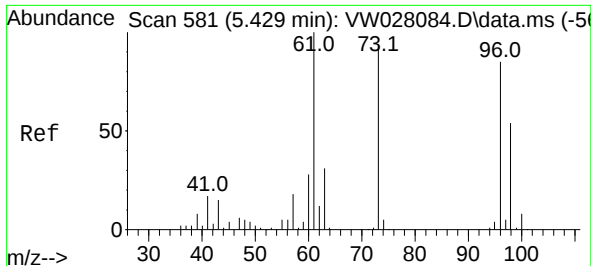
Tgt Ion: 43 Resp: 26629
Ion Ratio Lower Upper
43 100
74 30.4 24.3 36.5



#16
Methylene chloride
Concen: 22.856 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

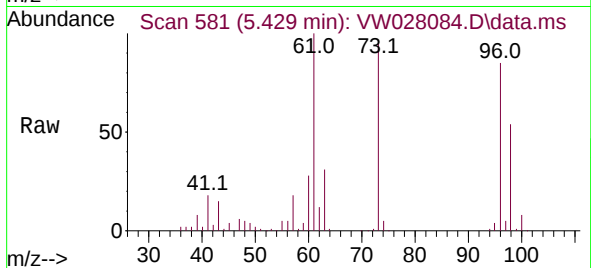
Tgt Ion: 84 Resp: 84834
Ion Ratio Lower Upper
84 100
86 58.9 41.2 76.6
49 95.0 66.5 123.5





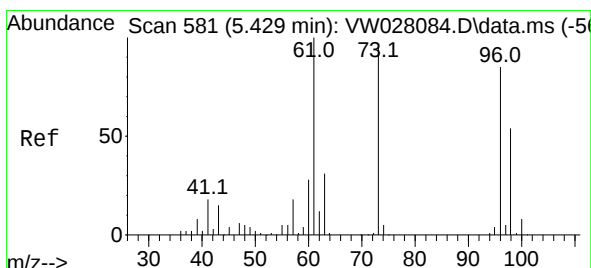
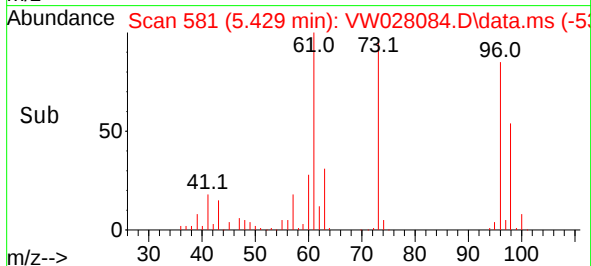
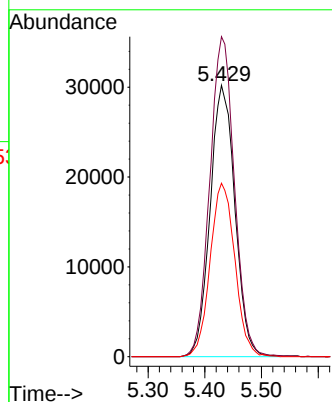
#17
trans-1,2-Dichloroethene
Concen: 25.606 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 91774

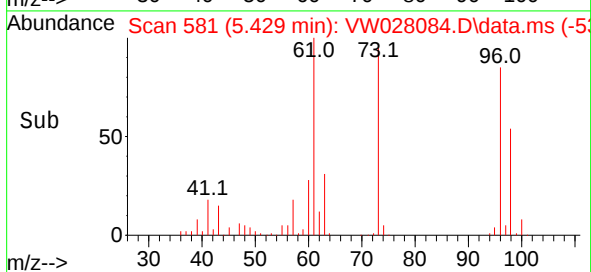
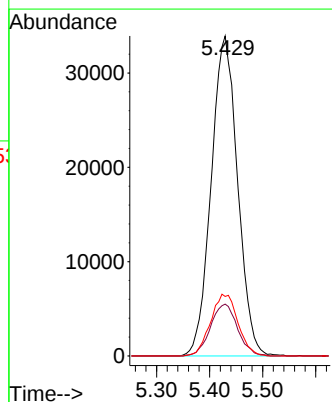
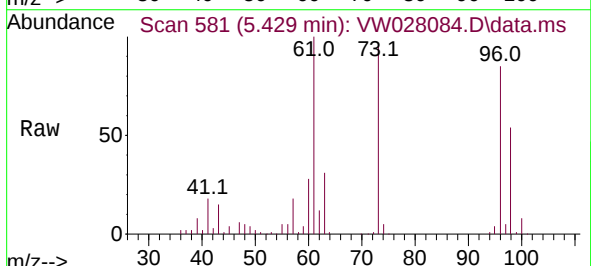
Ion	Ratio	Lower	Upper
96	100		
61	118.0	82.6	153.4
98	63.9	44.7	83.1

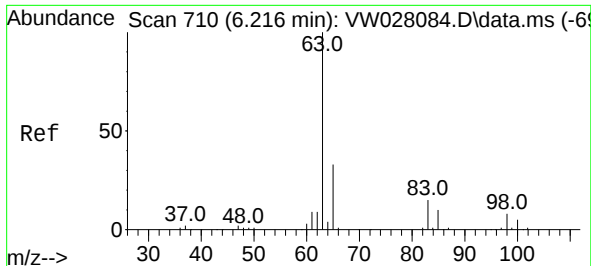


#18
Methyl tert-butyl Ether
Concen: 26.762 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion: 73 Resp: 117469

Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.3	19.9
57	19.9	15.9	23.9

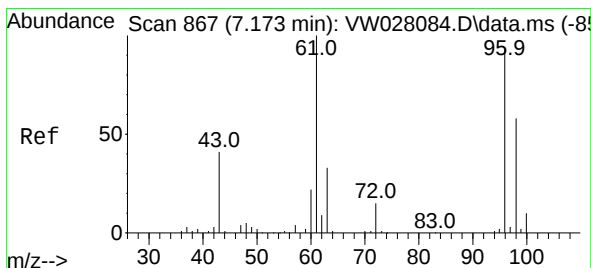
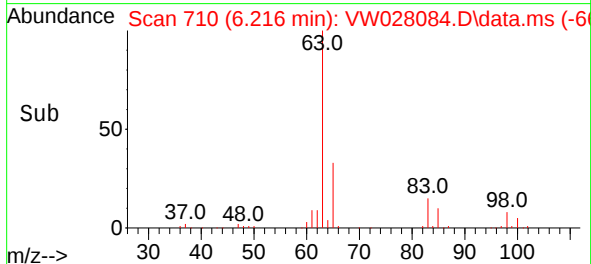
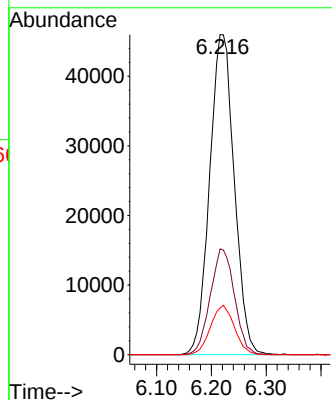
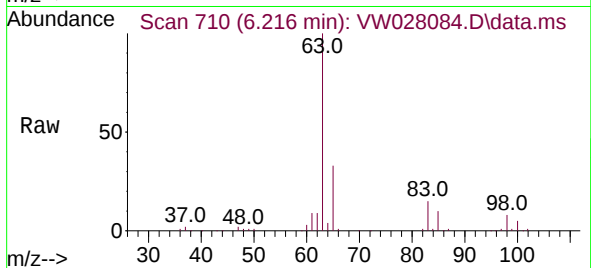




#19
1,1-Dichloroethane
Concen: 25.303 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

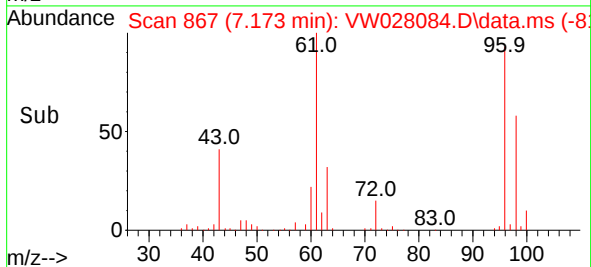
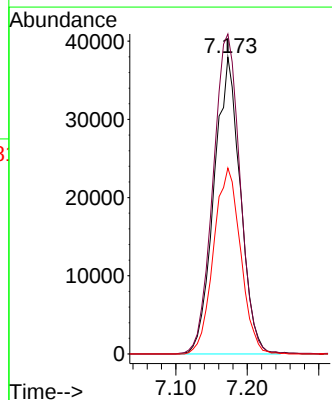
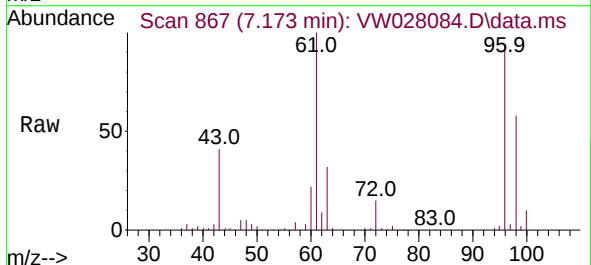
Instrument :
MSVOA_W
ClientSampleId :

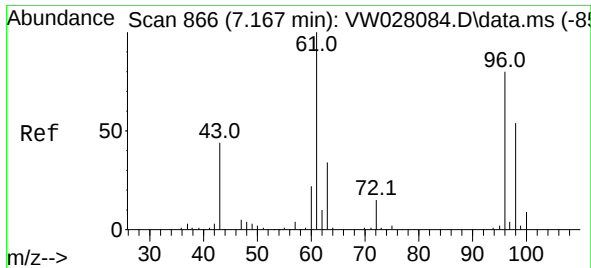
Tgt Ion: 63 Resp: 143394
Ion Ratio Lower Upper
63 100
65 33.1 23.2 43.0
83 14.6 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 25.658 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion: 96 Resp: 96781
Ion Ratio Lower Upper
96 100
61 107.8 75.5 140.1
98 62.6 43.8 81.4





#22

2-Butanone

Concen: 64.078 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

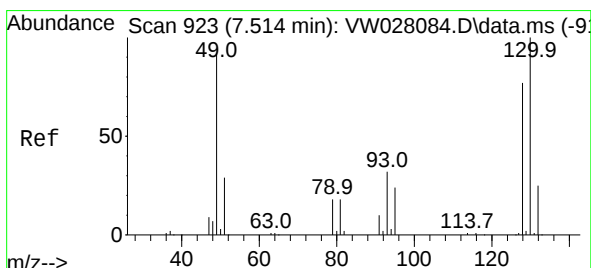
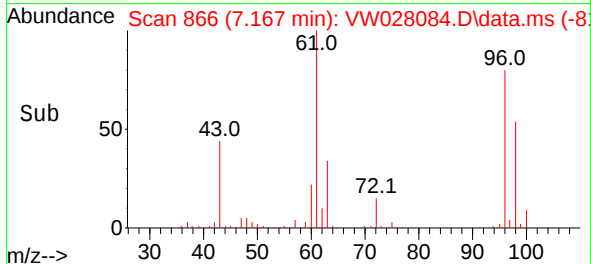
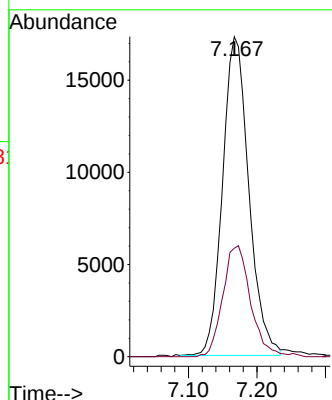
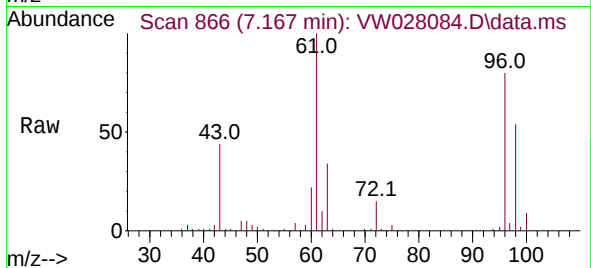
ClientSampleId :

Tgt Ion: 43 Resp: 45961

Ion Ratio Lower Upper

43 100

72 36.7 18.4 55.0



#23

Bromochloromethane

Concen: 26.554 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Tgt Ion: 128 Resp: 47021

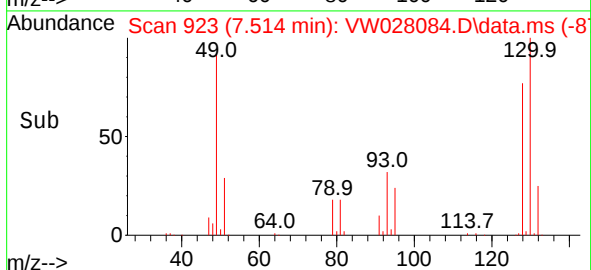
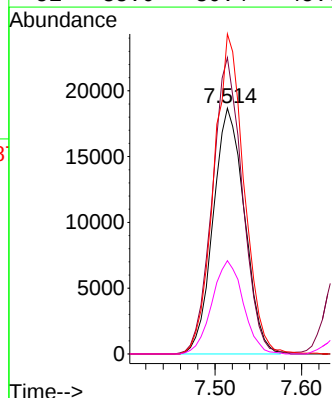
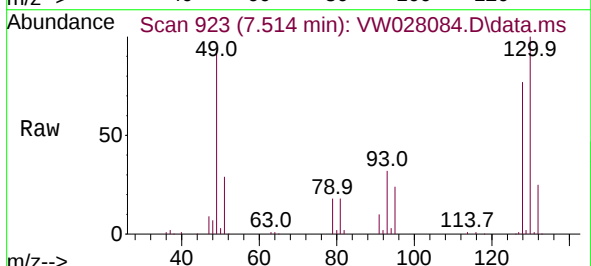
Ion Ratio Lower Upper

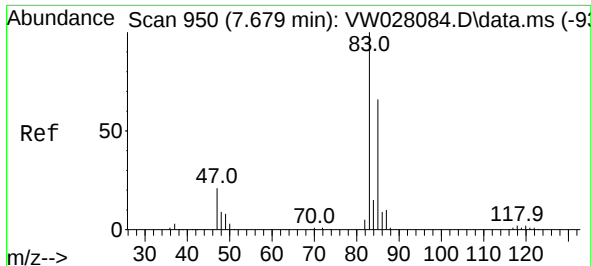
128 100

49 120.6 84.4 156.8

130 130.2 91.1 169.3

51 38.0 30.4 45.6





#25

Chloroform

Concen: 25.322 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

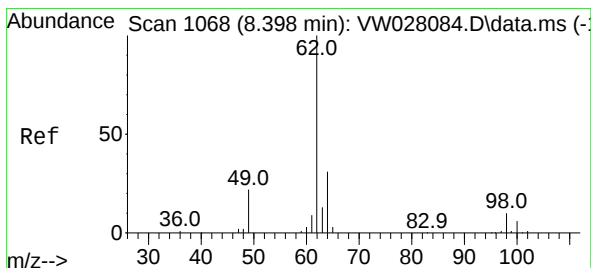
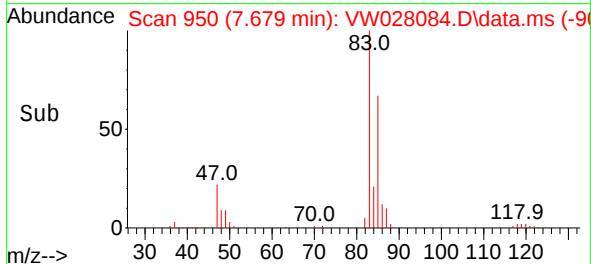
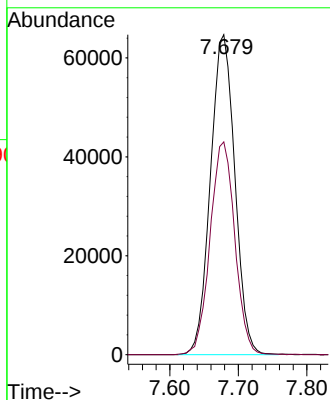
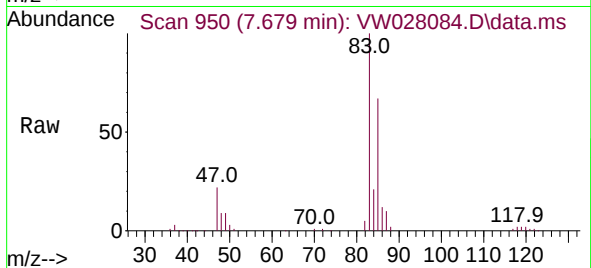
ClientSampleId :

Tgt Ion: 83 Resp: 160285

Ion Ratio Lower Upper

83 100

85 66.5 46.5 86.5



#27

1,2-Dichloroethane

Concen: 26.291 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028084.D

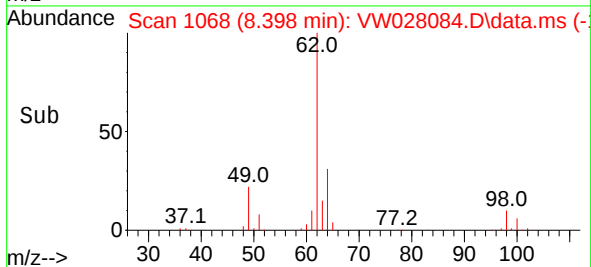
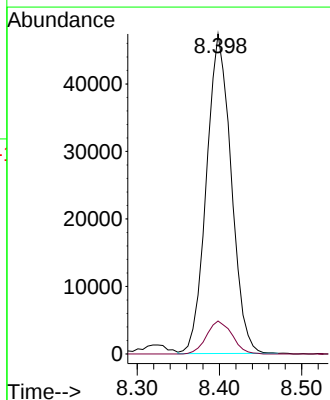
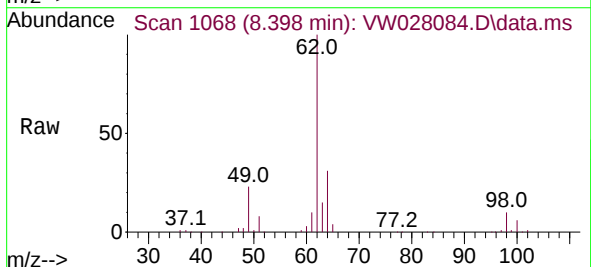
Acq: 29 Feb 2024 11:15

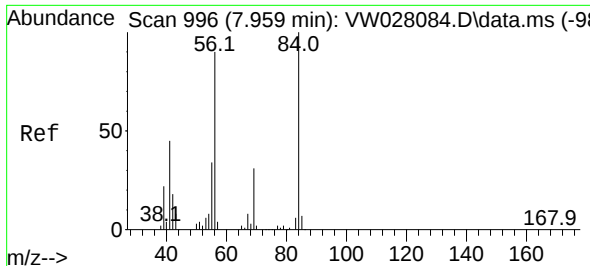
Tgt Ion: 62 Resp: 98960

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 25.952 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

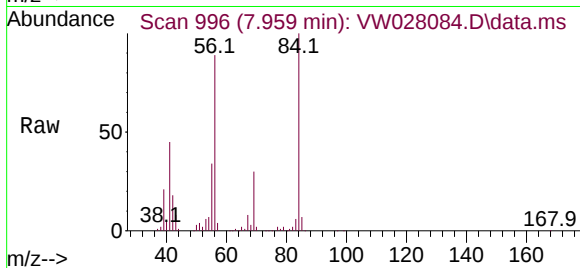
Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :



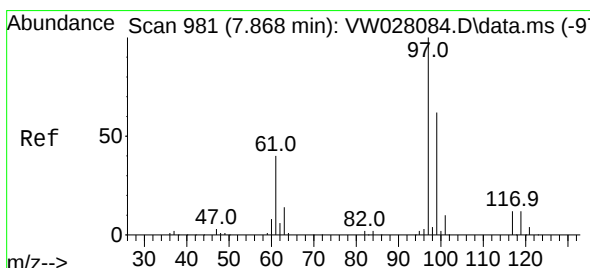
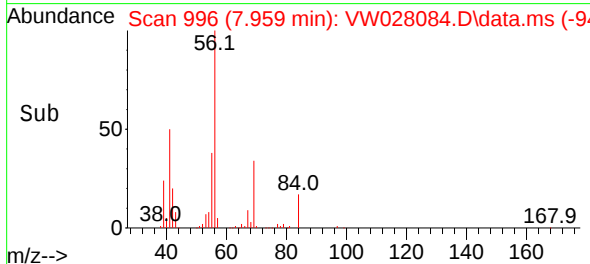
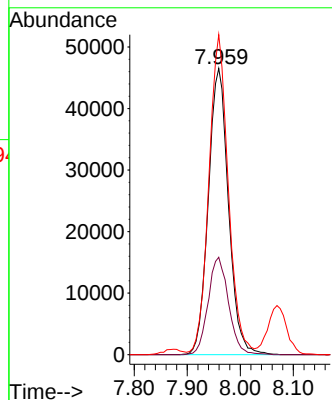
Tgt Ion: 56 Resp: 122865

Ion Ratio Lower Upper

56 100

69 34.5 27.6 41.4

84 108.2 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 25.466 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

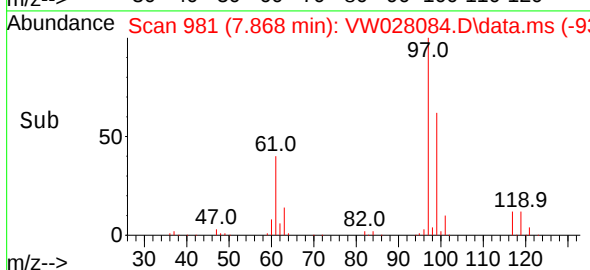
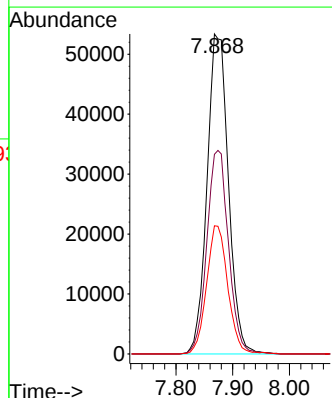
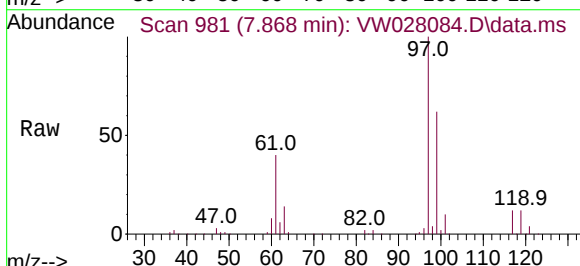
Tgt Ion: 97 Resp: 139990

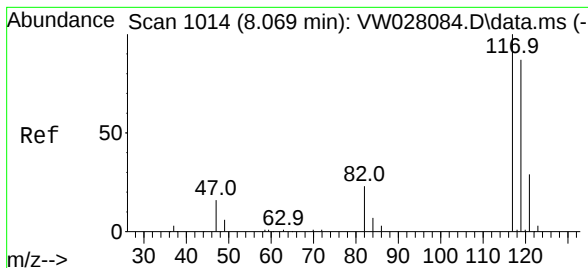
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 39.7 31.8 47.6





#31

Carbon tetrachloride

Concen: 25.332 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

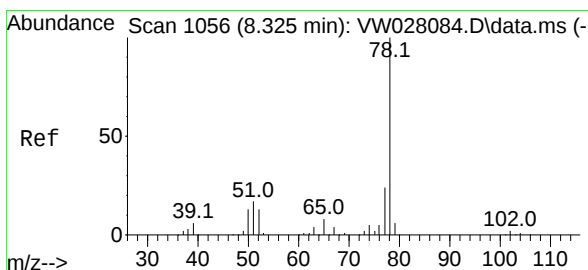
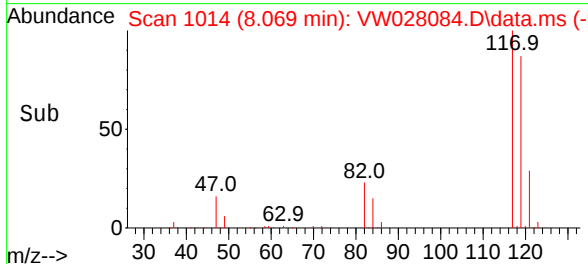
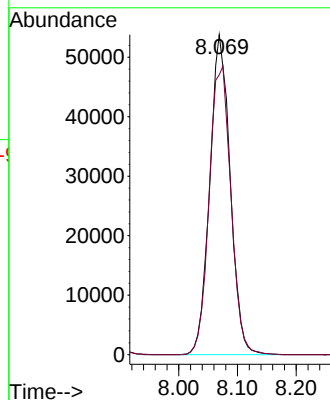
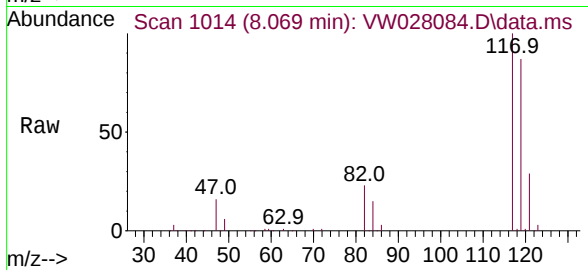
ClientSampleId :

Tgt Ion:117 Resp: 130036

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2



#33

Benzene

Concen: 25.946 ug/L

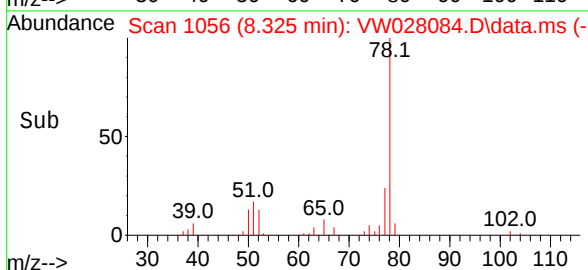
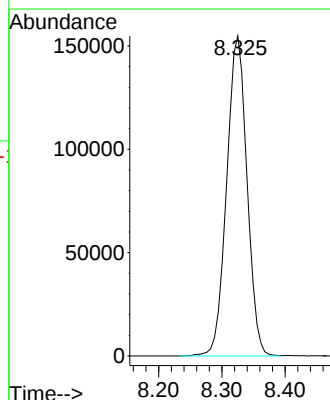
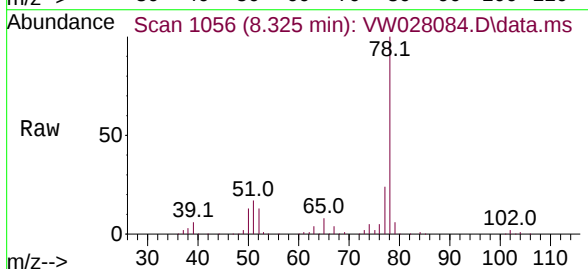
RT: 8.325 min Scan# 1056

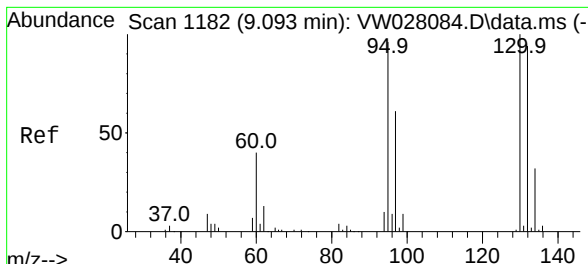
Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Tgt Ion: 78 Resp: 345095





#34

Trichloroethene

Concen: 25.168 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

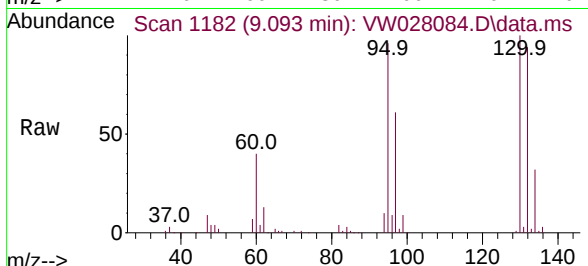
Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 98083

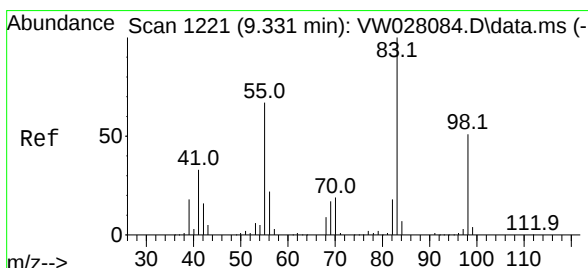
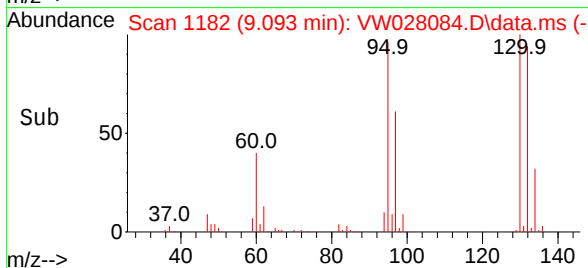
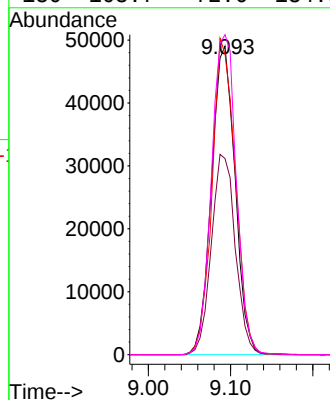
Ion Ratio Lower Upper

95 100

97 63.6 44.5 82.7

132 97.6 68.3 126.9

130 103.7 72.6 134.8



#35

Methylcyclohexane

Concen: 26.177 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

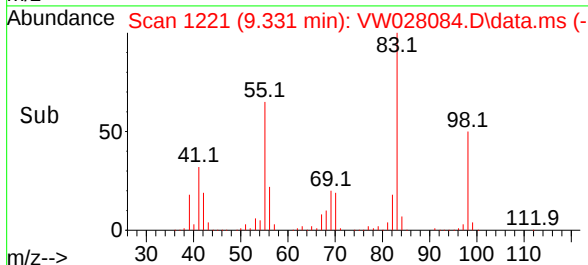
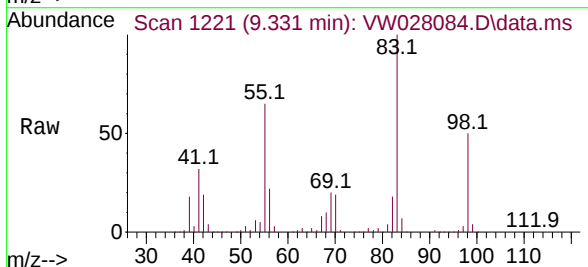
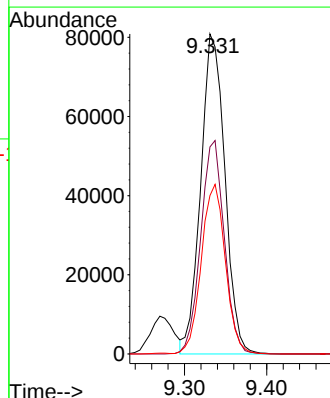
Tgt Ion: 83 Resp: 165110

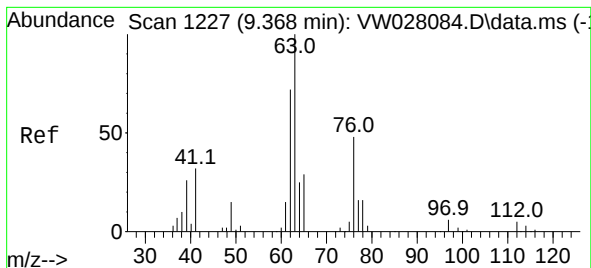
Ion Ratio Lower Upper

83 100

55 65.1 52.1 78.1

98 52.8 42.2 63.4





#37

1,2-Dichloropropane

Concen: 26.037 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

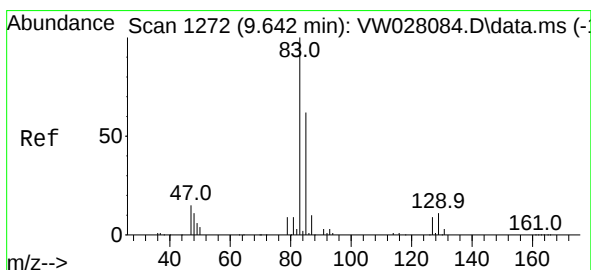
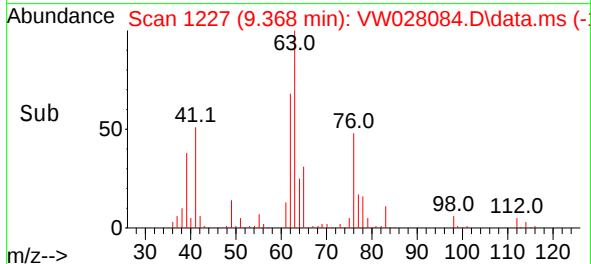
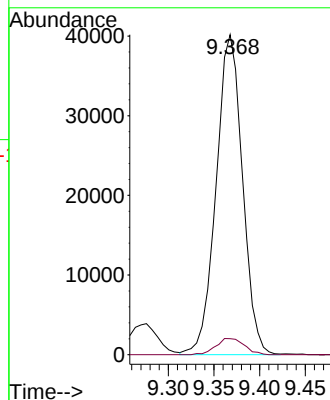
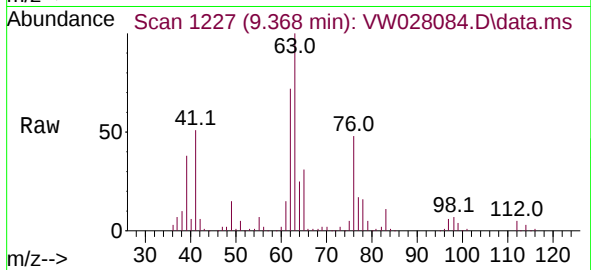
ClientSampleId :

Tgt Ion: 63 Resp: 80647

Ion Ratio Lower Upper

63 100

112 5.5 4.4 6.6



#38

Bromodichloromethane

Concen: 26.004 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

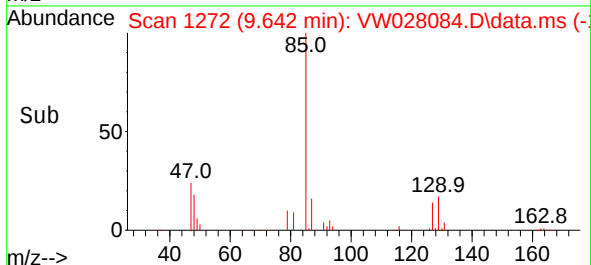
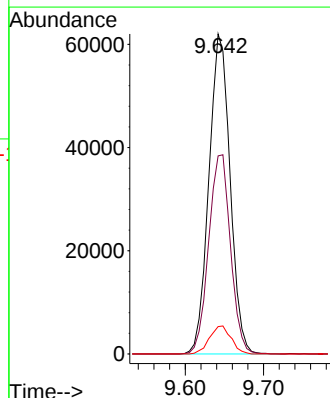
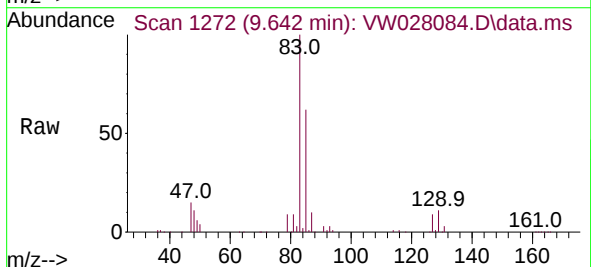
Tgt Ion: 83 Resp: 116341

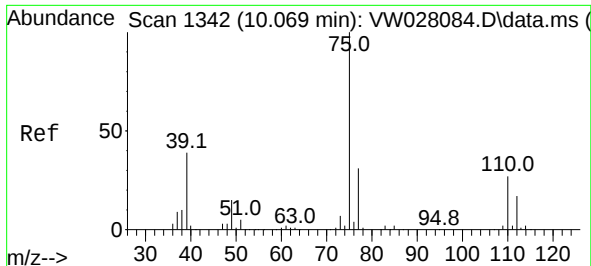
Ion Ratio Lower Upper

83 100

85 61.9 43.3 80.5

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 26.739 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

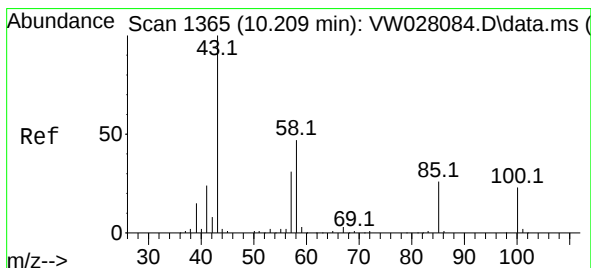
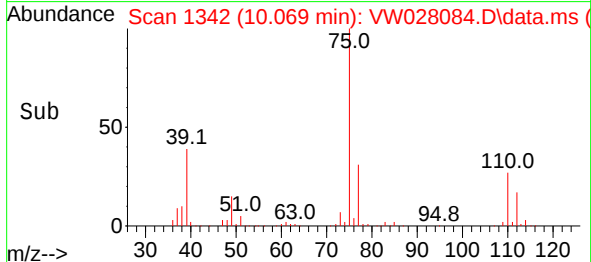
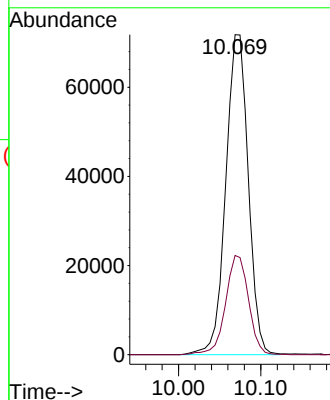
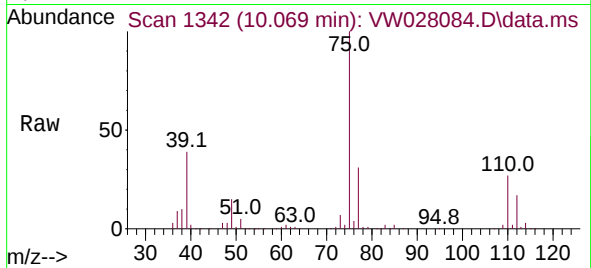
ClientSampleId :

Tgt Ion: 75 Resp: 136196

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 59.194 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

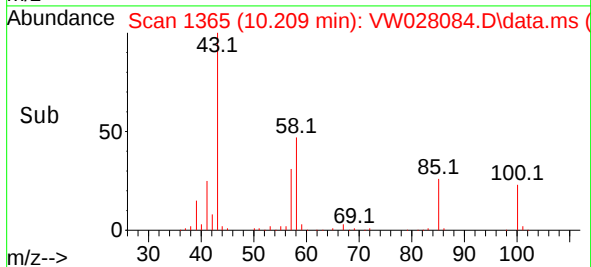
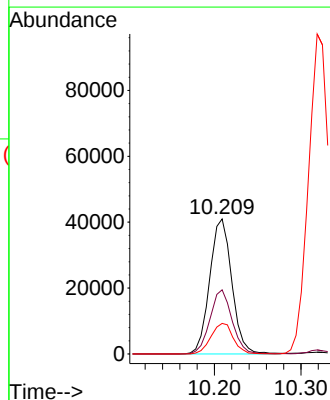
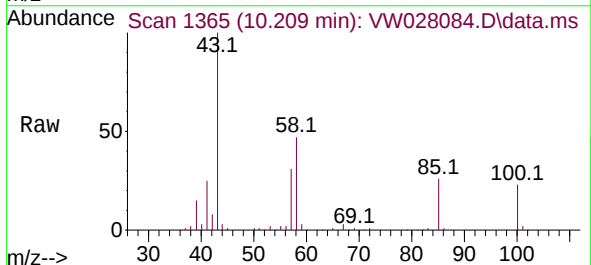
Tgt Ion: 43 Resp: 72824

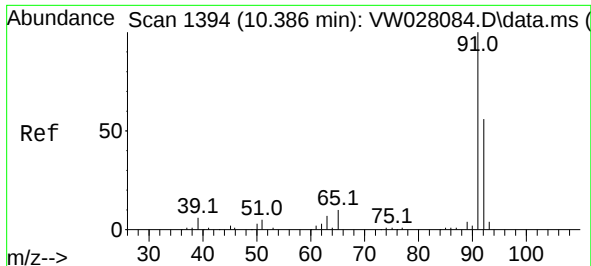
Ion Ratio Lower Upper

43 100

58 47.3 37.8 56.8

100 22.8 18.2 27.4





#42

Toluene

Concen: 26.054 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

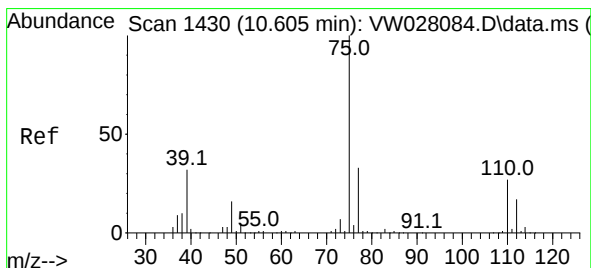
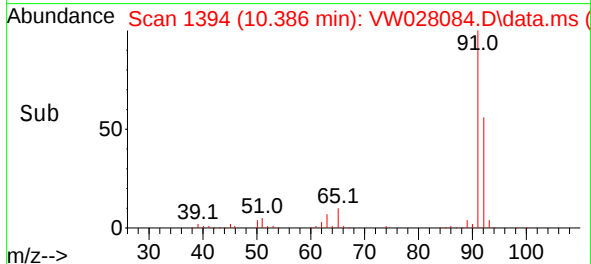
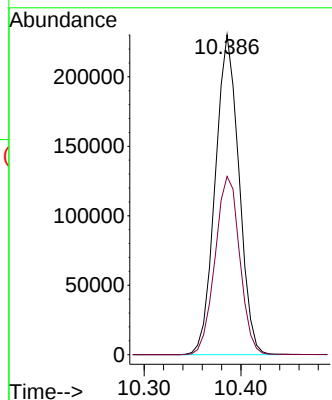
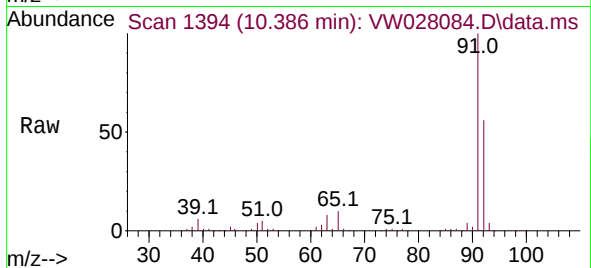
ClientSampleId :

Tgt Ion: 91 Resp: 391561

Ion Ratio Lower Upper

91 100

92 55.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 27.727 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028084.D

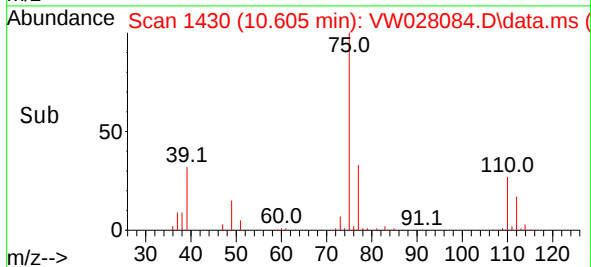
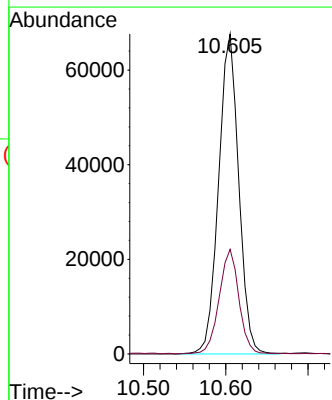
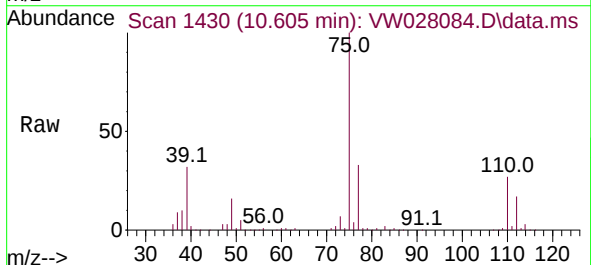
Acq: 29 Feb 2024 11:15

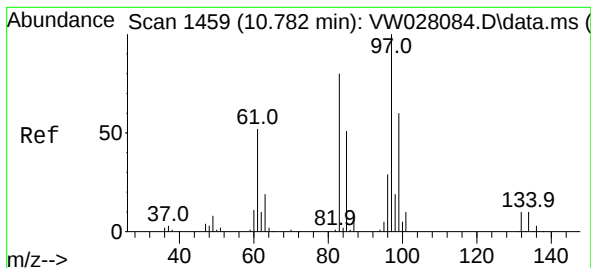
Tgt Ion: 75 Resp: 114731

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 27.211 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 70685

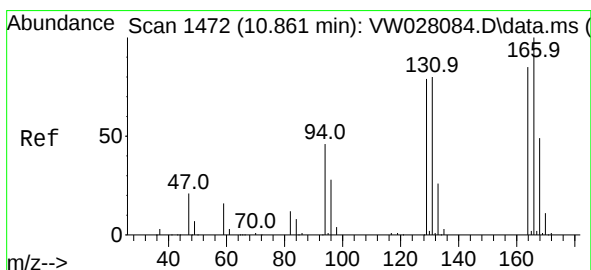
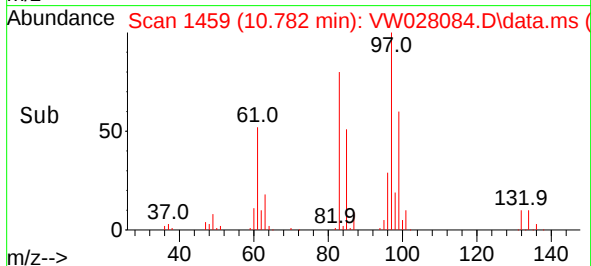
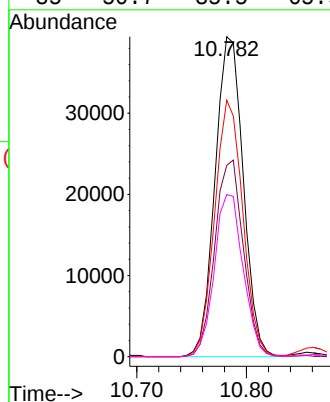
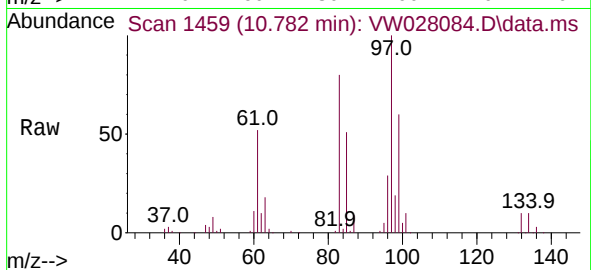
Ion Ratio Lower Upper

97 100

99 59.8 41.9 77.7

83 80.1 56.1 104.1

85 50.7 35.5 65.9



#46

Tetrachloroethene

Concen: 25.444 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Tgt Ion:164 Resp: 83106

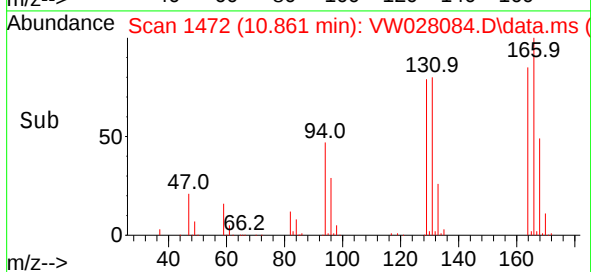
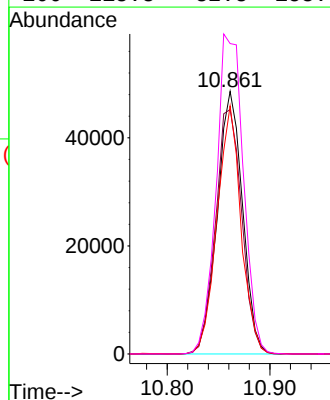
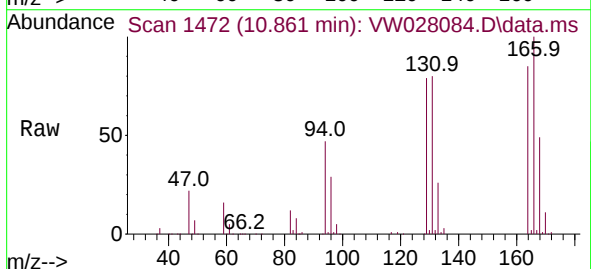
Ion Ratio Lower Upper

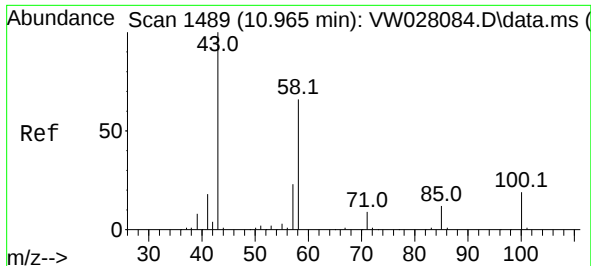
164 100

129 93.1 65.2 121.0

131 94.6 66.2 123.0

166 118.3 82.8 153.8



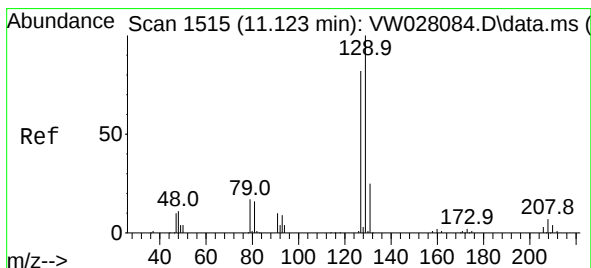
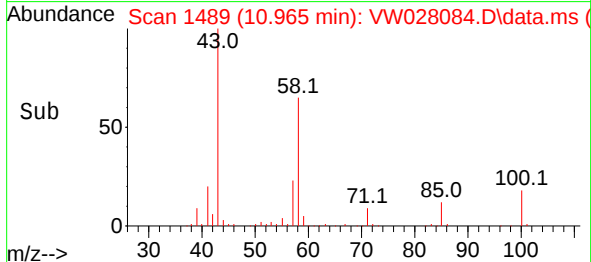
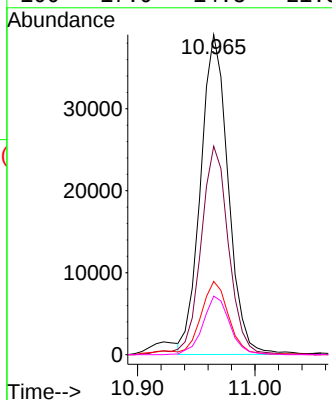
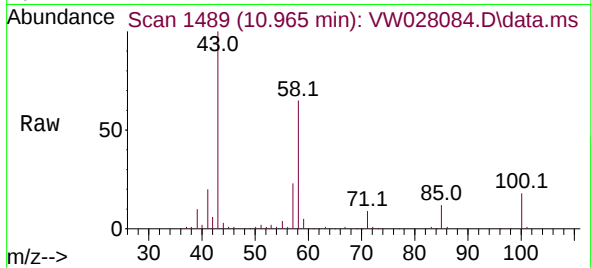


#48
2-Hexanone
Concen: 63.954 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 63618

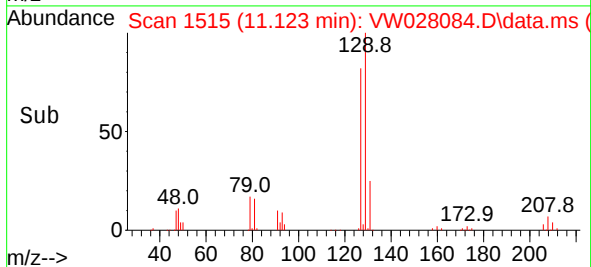
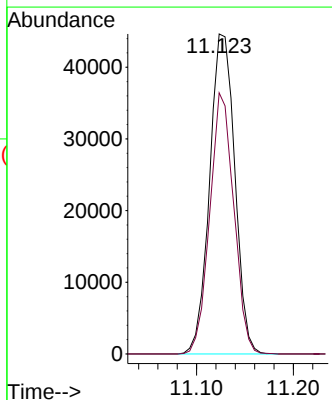
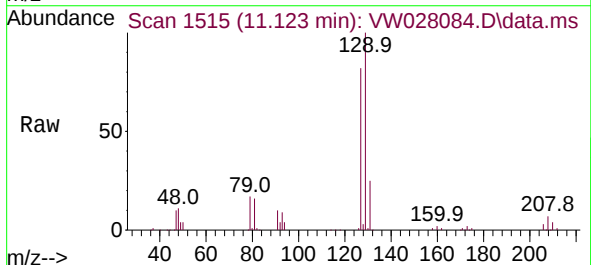
Ion	Ratio	Lower	Upper
43	100		
58	64.8	51.8	77.8
57	22.8	18.2	27.4
100	17.9	14.3	21.5

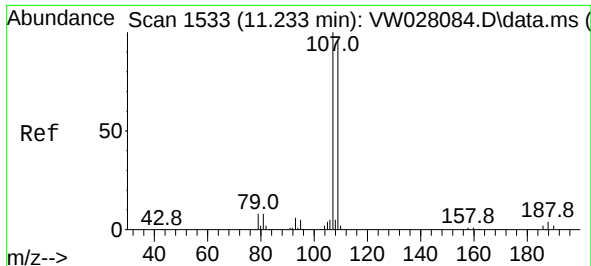


#49
Dibromochloromethane
Concen: 26.754 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion: 129 Resp: 80791

Ion	Ratio	Lower	Upper
129	100		
127	81.6	57.1	106.1





#50

1,2-Dibromoethane

Concen: 26.926 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028084.D

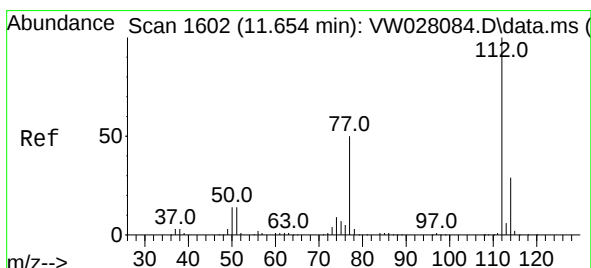
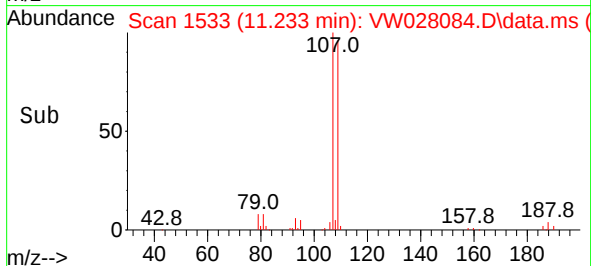
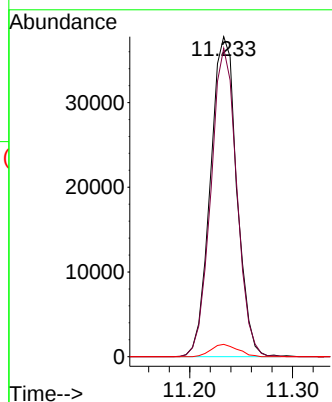
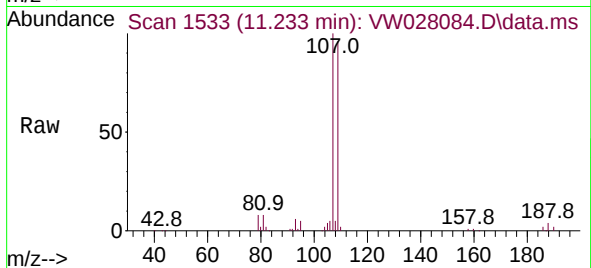
Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	67367
Ion Ratio	Lower	Upper
107	100	
109	96.4	67.5 125.3
188	3.9	3.1 4.7



#51

Chlorobenzene

Concen: 25.604 ug/L

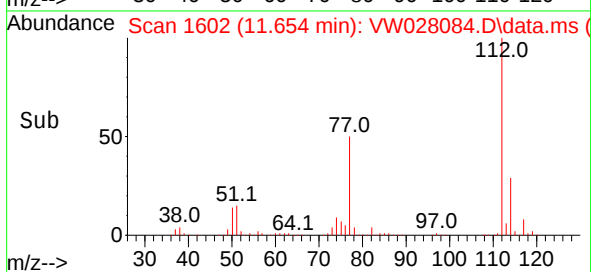
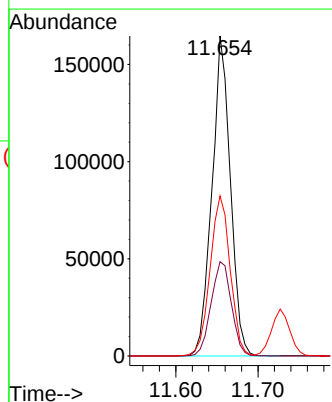
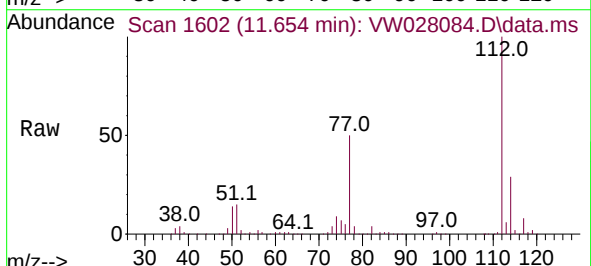
RT: 11.654 min Scan# 1602

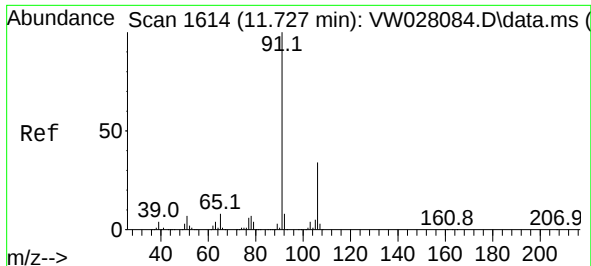
Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Tgt Ion:112	Resp:	256758
Ion Ratio	Lower	Upper
112	100	
114	29.5	20.6 38.4
77	50.0	40.0 60.0





#52

Ethylbenzene

Concen: 25.857 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

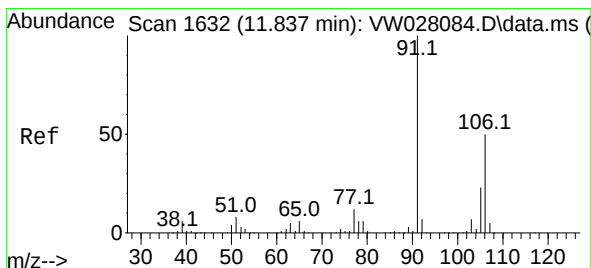
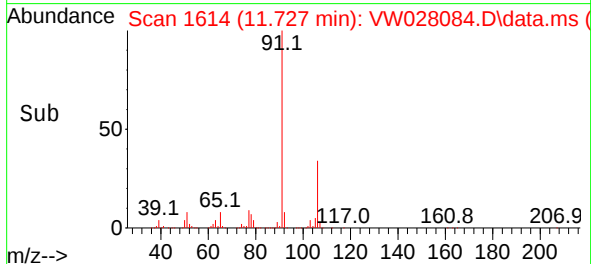
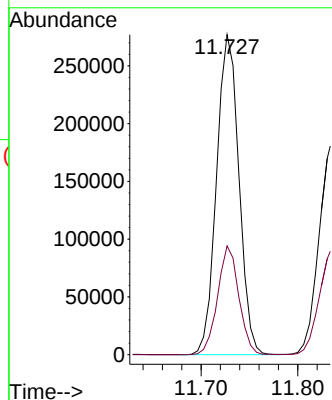
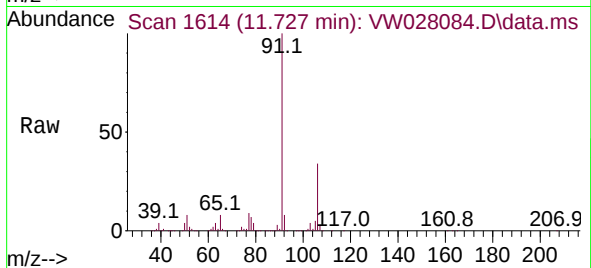
ClientSampleId :

Tgt Ion: 91 Resp: 444289

Ion Ratio Lower Upper

91 100

106 34.0 23.8 44.2



#53

m,p-Xylene

Concen: 26.592 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028084.D

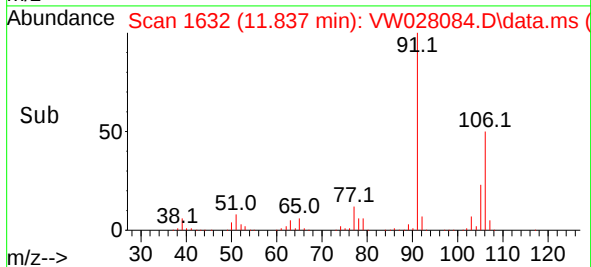
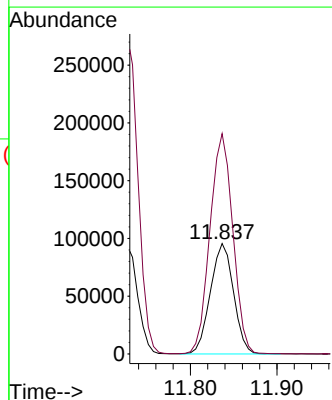
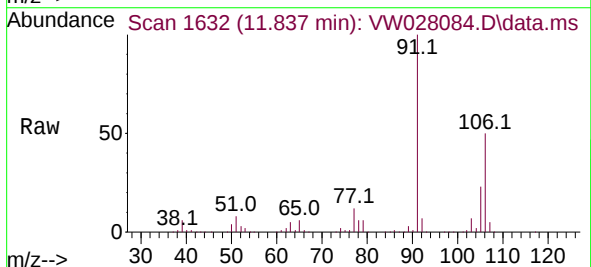
Acq: 29 Feb 2024 11:15

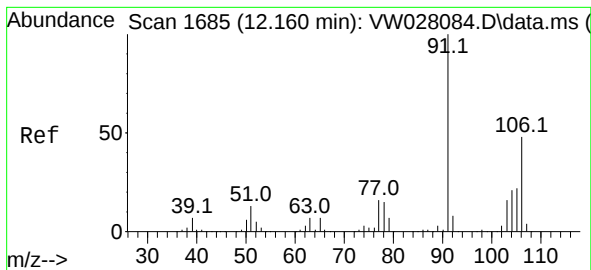
Tgt Ion:106 Resp: 177282

Ion Ratio Lower Upper

106 100

91 199.5 139.7 259.4

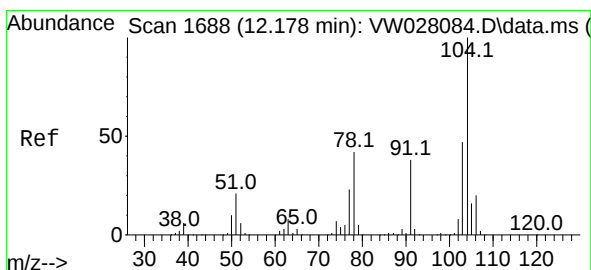
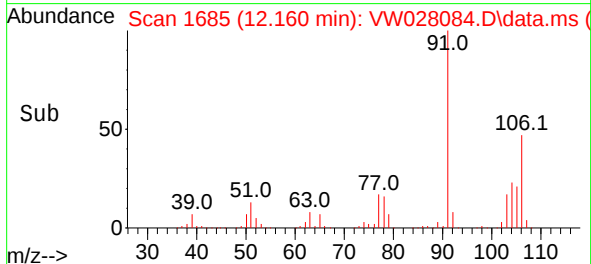
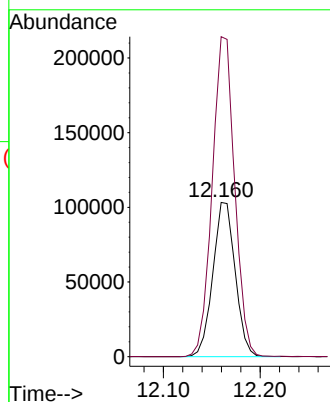
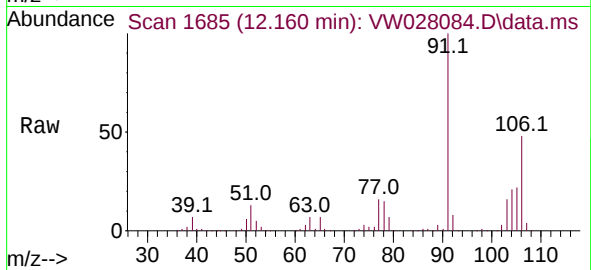




#54
o-Xylene
Concen: 26.264 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

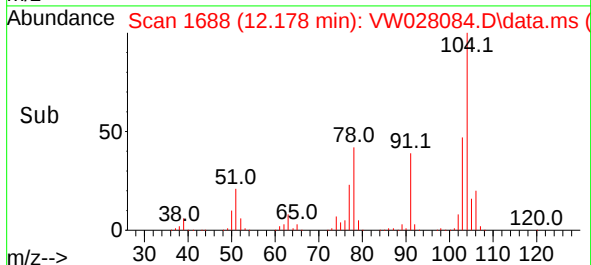
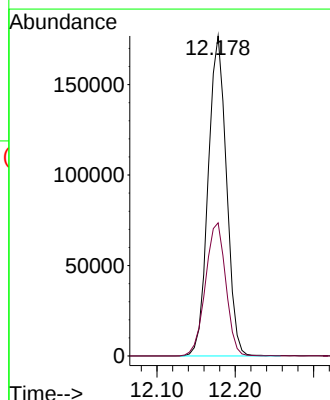
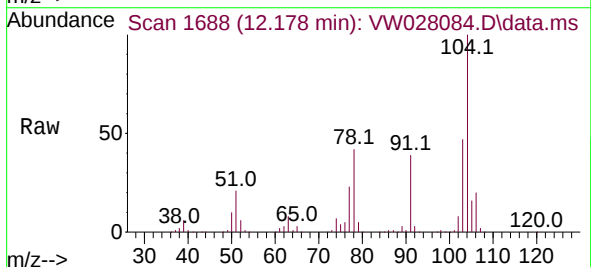
Instrument :
MSVOA_W
ClientSampleId :

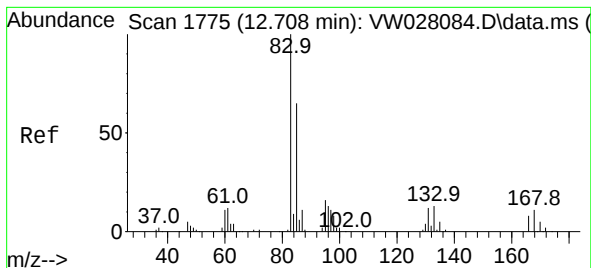
Tgt Ion:106 Resp: 165708
Ion Ratio Lower Upper
106 100
91 207.4 145.2 269.6



#55
Styrene
Concen: 26.608 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion:104 Resp: 286305
Ion Ratio Lower Upper
104 100
78 41.6 29.1 54.1

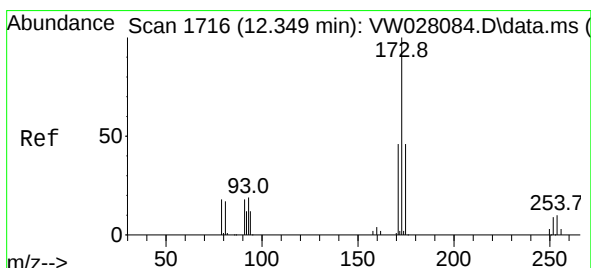
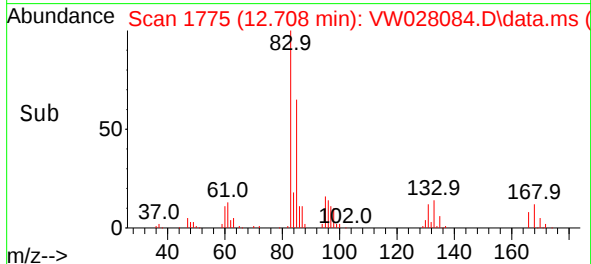
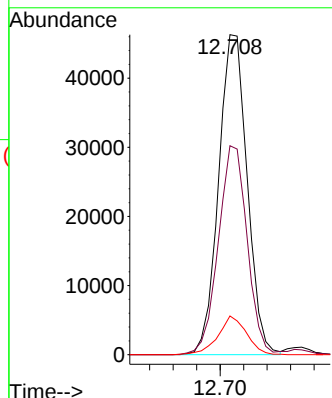
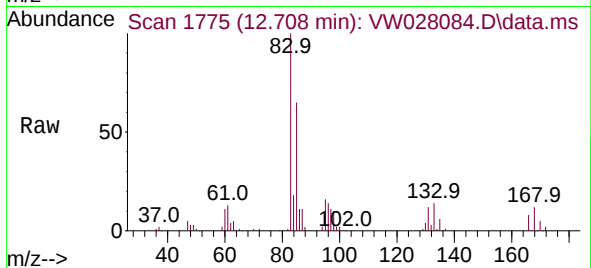




#57
1,1,2-Tetrachloroethane
Concen: 27.931 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

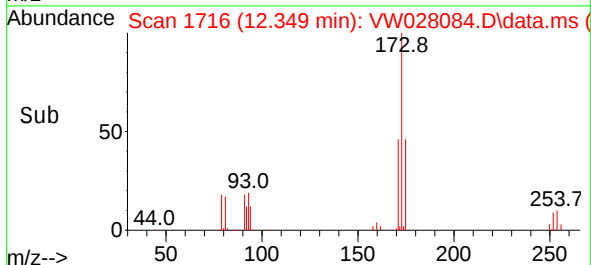
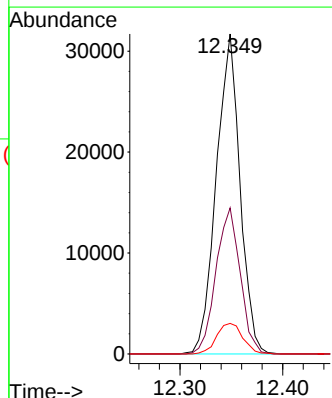
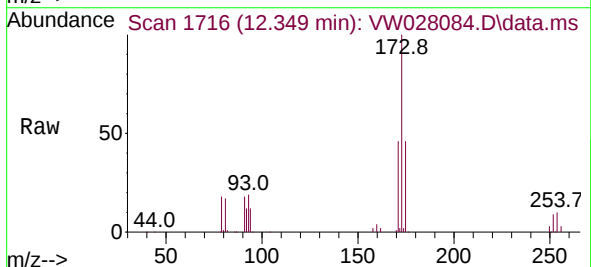
Instrument :
MSVOA_W
ClientSampleId :

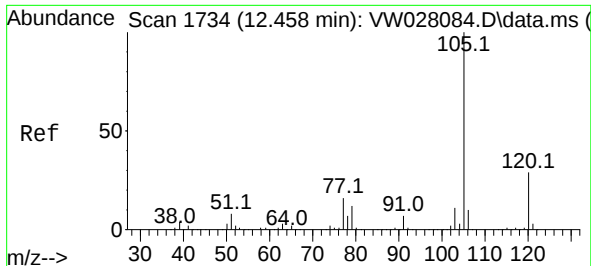
Tgt Ion: 83 Resp: 78234
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9
131 12.1 9.7 14.5



#59
Bromoform
Concen: 27.025 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion:173 Resp: 50755
Ion Ratio Lower Upper
173 100
175 46.5 37.2 55.8
254 10.6 8.5 12.7





#60

Isopropylbenzene

Concen: 24.773 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :

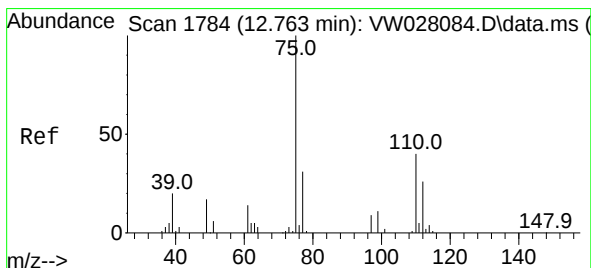
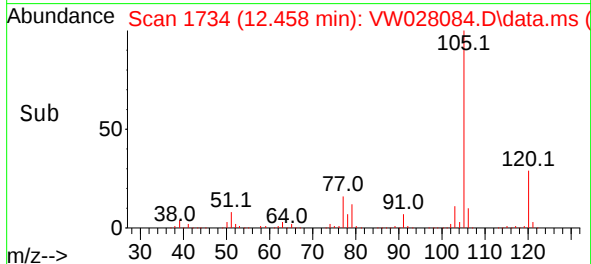
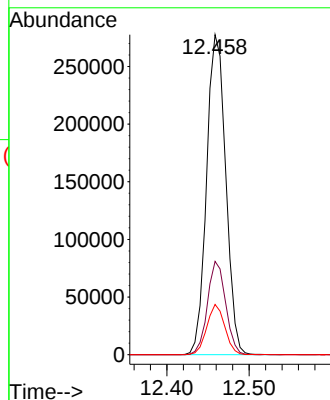
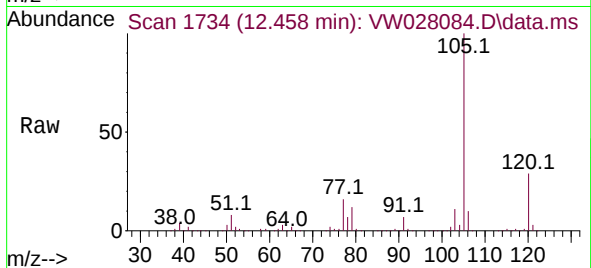
Tgt Ion:105 Resp: 450236

Ion Ratio Lower Upper

105 100

120 27.7 22.2 33.2

77 14.7 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 27.131 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

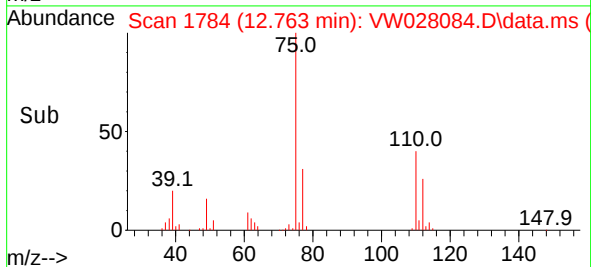
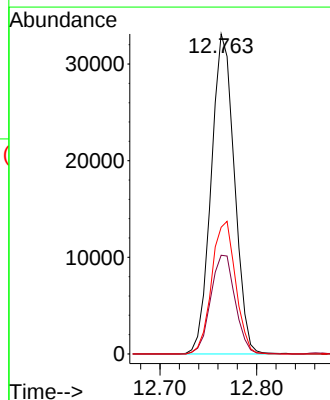
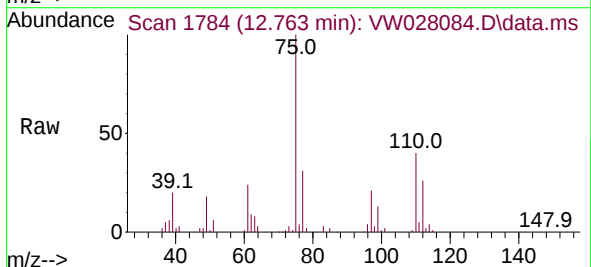
Tgt Ion: 75 Resp: 55251

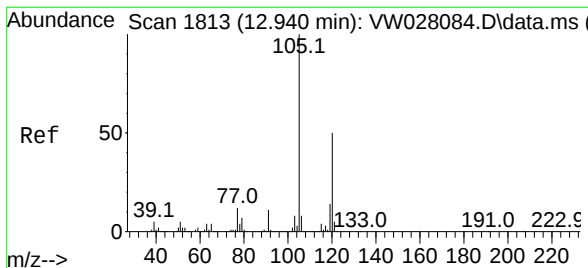
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 42.6 34.1 51.1

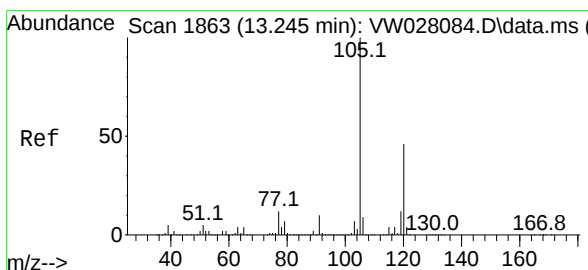
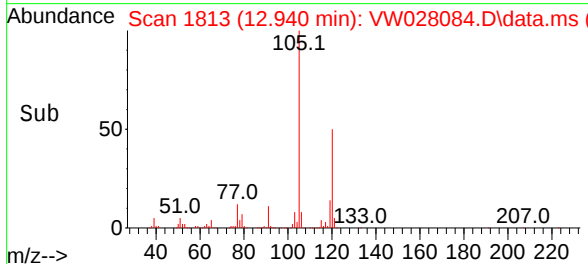
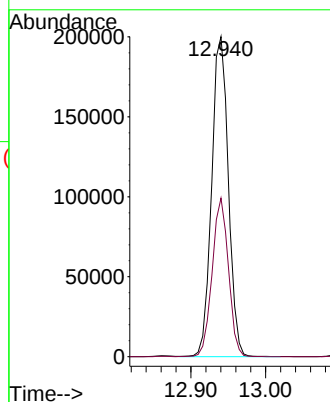
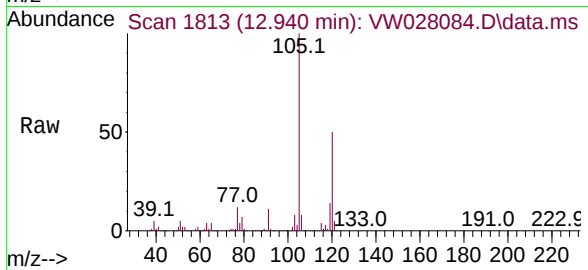




#62
1,3,5-Trimethylbenzene
Concen: 25.978 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

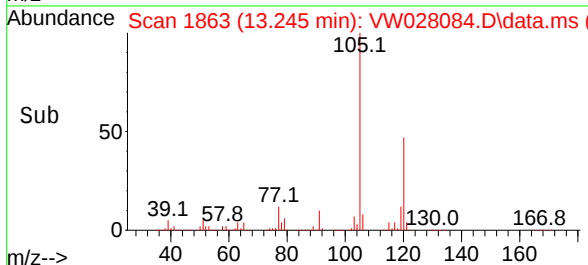
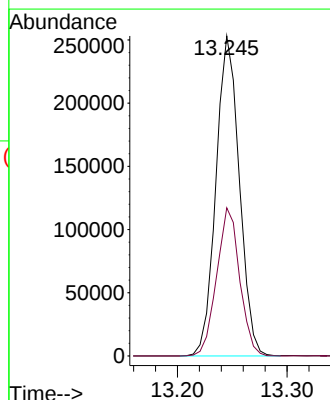
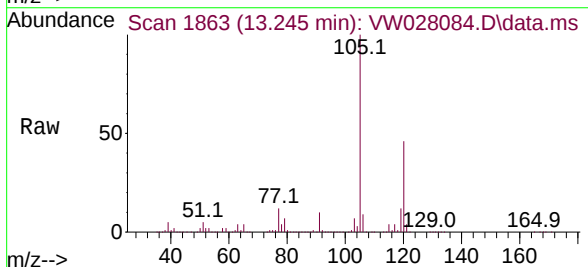
Instrument :
MSVOA_W
ClientSampleId :

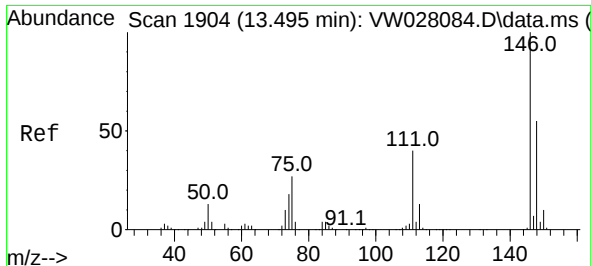
Tgt Ion:105 Resp: 309550
Ion Ratio Lower Upper
105 100
120 48.3 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 26.386 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion:105 Resp: 374938
Ion Ratio Lower Upper
105 100
120 45.5 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 24.433 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :

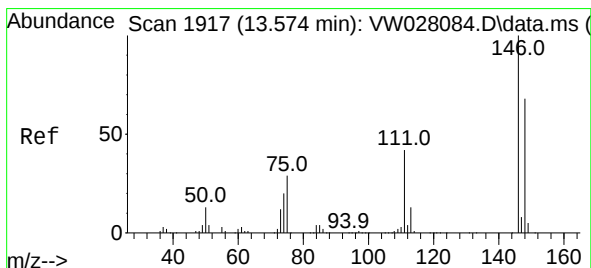
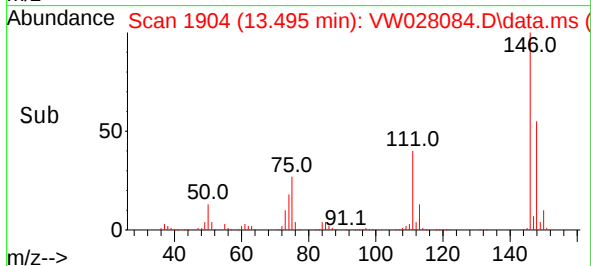
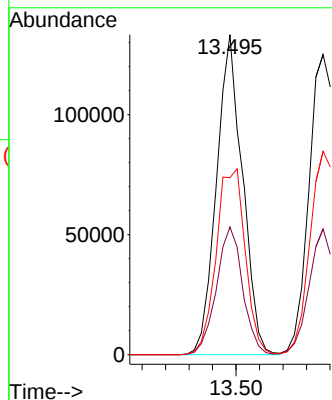
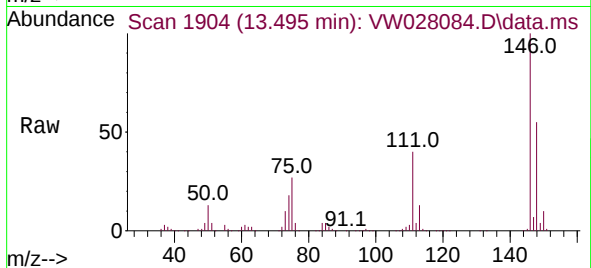
Tgt Ion:146 Resp: 205225

Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.9

148 55.3 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 24.798 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

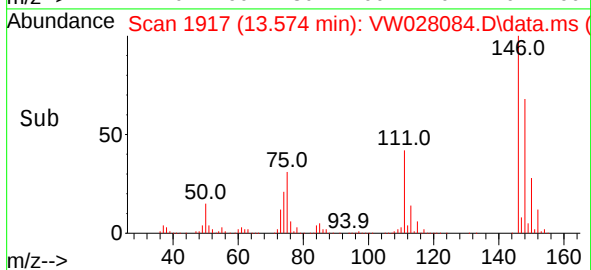
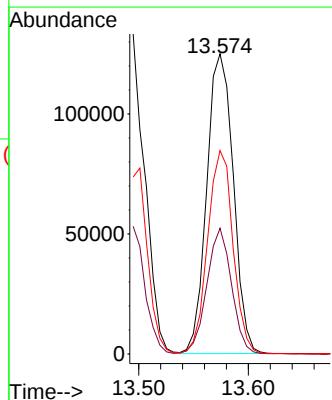
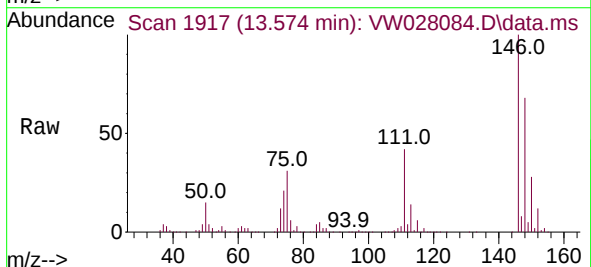
Tgt Ion:146 Resp: 210281

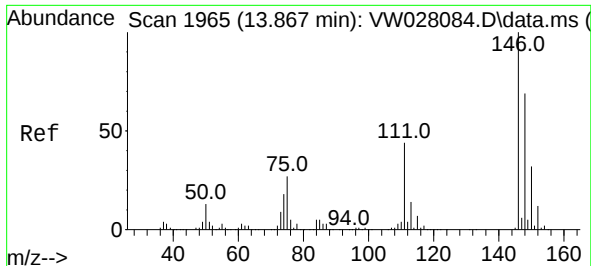
Ion Ratio Lower Upper

146 100

111 41.9 29.3 54.5

148 67.8 47.5 88.1

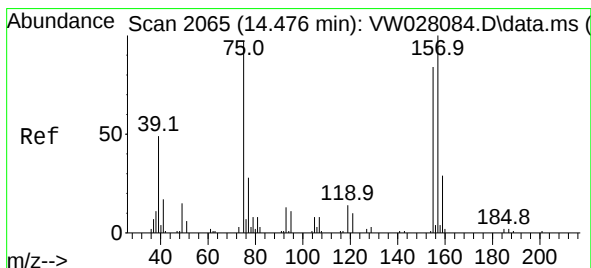
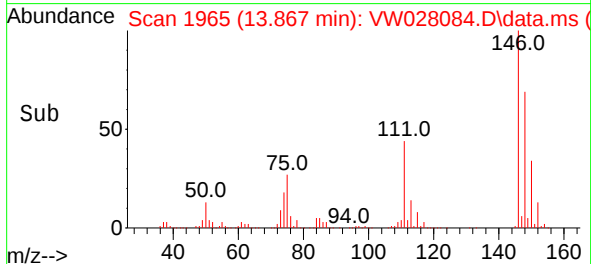
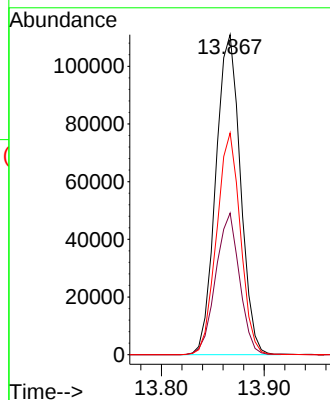
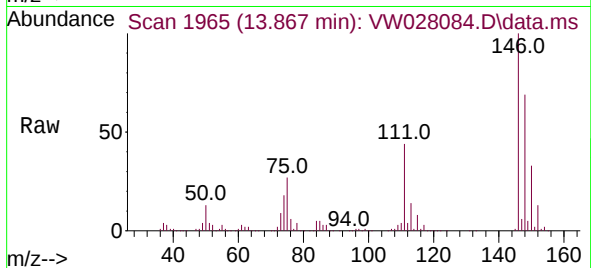




#67
1,2-Dichlorobenzene
Concen: 24.365 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

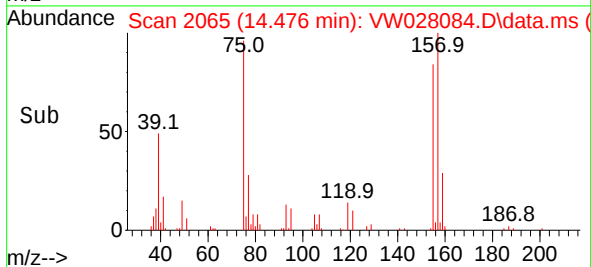
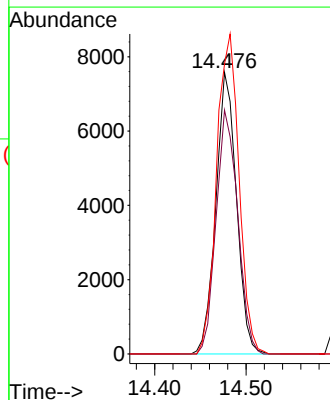
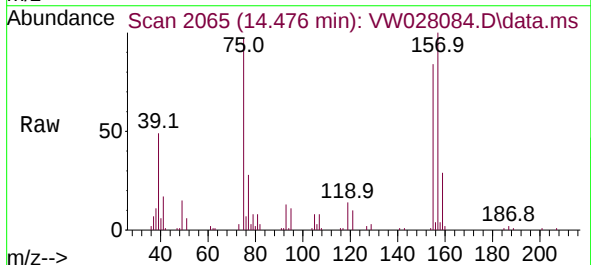
Instrument :
MSVOA_W
ClientSampleId :

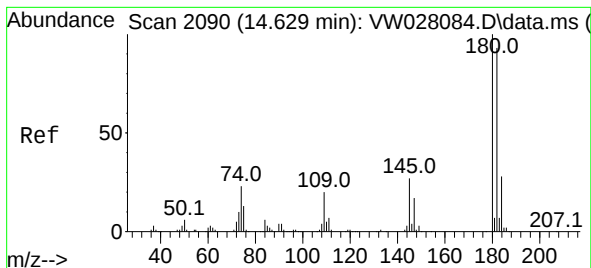
Tgt Ion:146 Resp: 184348
Ion Ratio Lower Upper
146 100
111 44.2 35.4 53.0
148 69.3 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 27.819 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion: 75 Resp: 11899
Ion Ratio Lower Upper
75 100
155 86.6 69.3 103.9
157 103.0 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 23.761 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.000 min

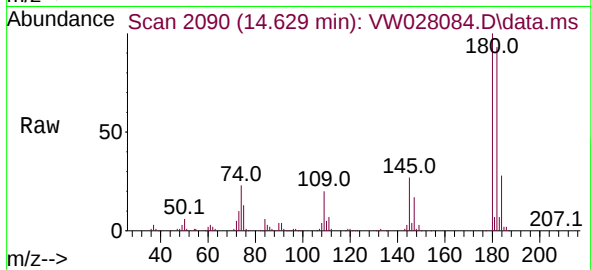
Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 147285

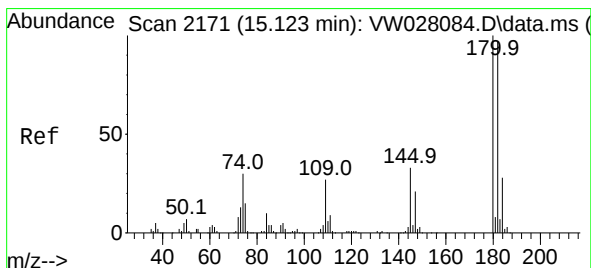
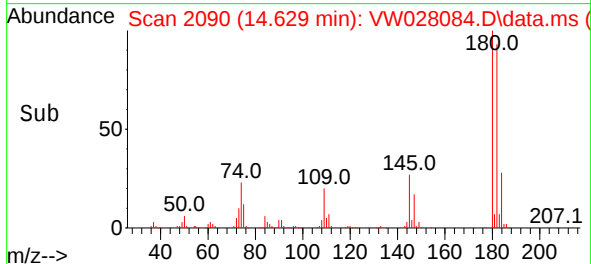
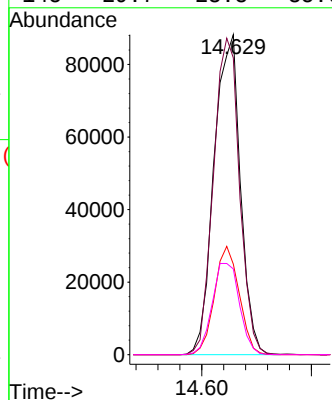
Ion Ratio Lower Upper

180 100

182 97.8 78.2 117.4

184 31.8 25.4 38.2

145 29.7 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 24.248 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028084.D

Acq: 29 Feb 2024 11:15

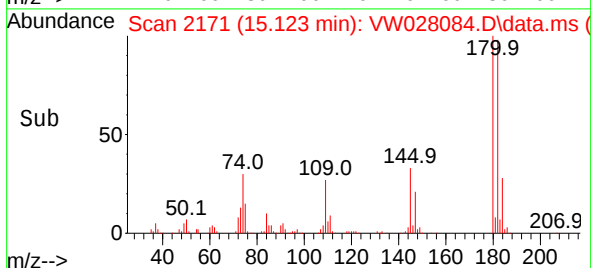
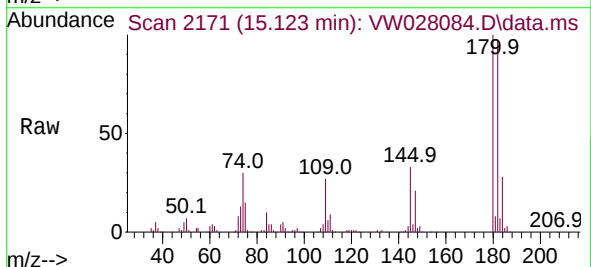
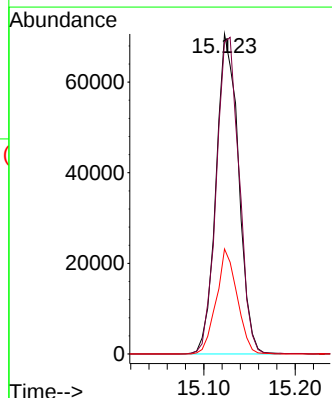
Tgt Ion:180 Resp: 120706

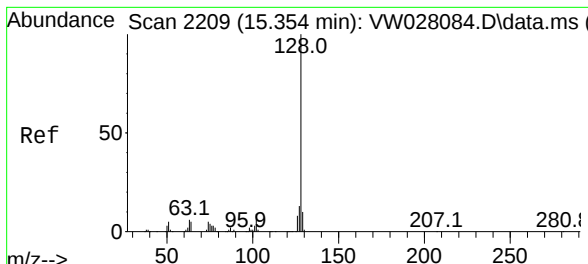
Ion Ratio Lower Upper

180 100

182 100.1 80.1 120.1

145 30.4 24.3 36.5



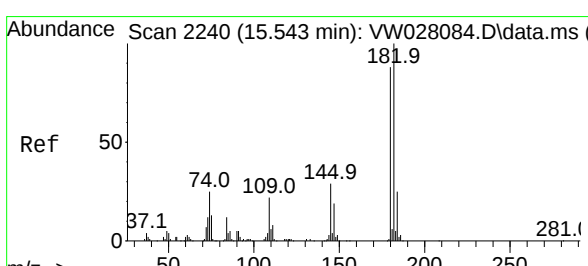
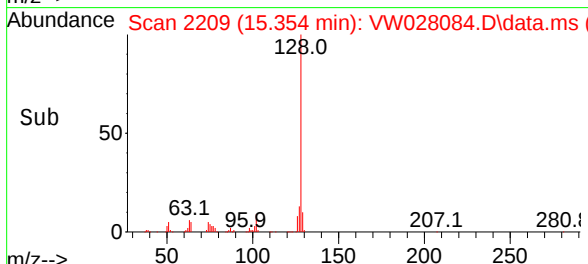
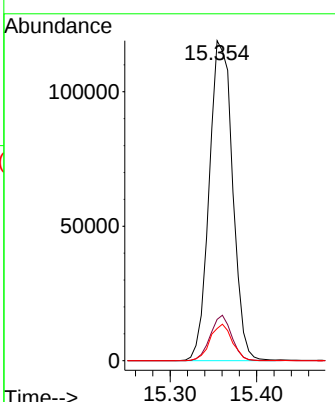
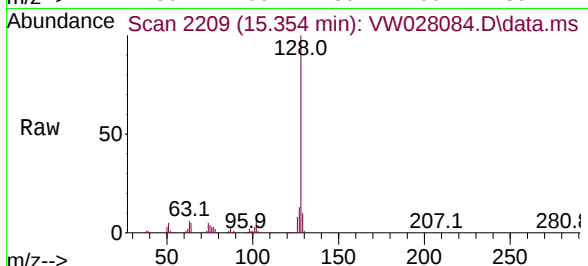


#71
Naphthalene
Concen: 27.397 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 223055

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.593 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW028084.D
Acq: 29 Feb 2024 11:15

Tgt Ion:180 Resp: 106536

Ion	Ratio	Lower	Upper
180	100		
182	101.8	81.4	122.2
145	32.7	26.2	39.2

