

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
 Data File : VW028553.D
 Acq On : 01 May 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 02 02:13:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 26 01:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	288063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	265708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125730	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75093	16.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.040%
7) Chloroethane-d5	2.777	69	248	0.071	ug/L	-0.12
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.280%#
11) 1,1-Dichloroethene-d2	4.021	65	35618	18.213	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.840%
21) 2-Butanone-d5	7.081	46	57239	66.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.480%
24) Chloroform-d	7.648	84	179775	23.916	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	8.307	65	98609	25.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.960%
32) Benzene-d6	8.276	84	324823	22.378	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.520%
36) 1,2-Dichloropropane-d6	9.276	67	100626	23.322	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.280%
41) Toluene-d8	10.319	98	287345	21.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.080%
43) trans-1,3-Dichloroprop...	10.575	79	39659	23.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.480%
47) 2-Hexanone-d5	10.922	63	38396	64.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90681	29.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	97450	24.508	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79032	20.399	ug/L	100
3) Chloromethane	2.223	50	103612	22.778	ug/L	97
5) Vinyl chloride	2.375	62	121842	22.492	ug/L	99
6) Bromomethane	2.790	94	72467	21.411	ug/L	98
8) Chloroethane	2.936	64	74324	22.760	ug/L	98
9) Trichlorofluoromethane	3.271	101	109407	25.317	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	95243	23.426	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	87195	22.841	ug/L	94
13) Acetone	4.125	43	59873	56.426	ug/L	98
14) Carbon disulfide	4.393	76	266997	21.244	ug/L	99
15) Methyl Acetate	4.673	43	47400	27.763	ug/L	98
16) Methylene chloride	4.923	84	96549	22.150	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	93148	23.164	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	139011	24.575	ug/L	99
19) 1,1-Dichloroethane	6.222	63	190984	24.376	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	100181	23.473	ug/L	97
22) 2-Butanone	7.173	43	70459	54.717	ug/L	97
23) Bromochloromethane	7.514	128	44518	24.217	ug/L	90
25) Chloroform	7.679	83	191081	24.827	ug/L	93

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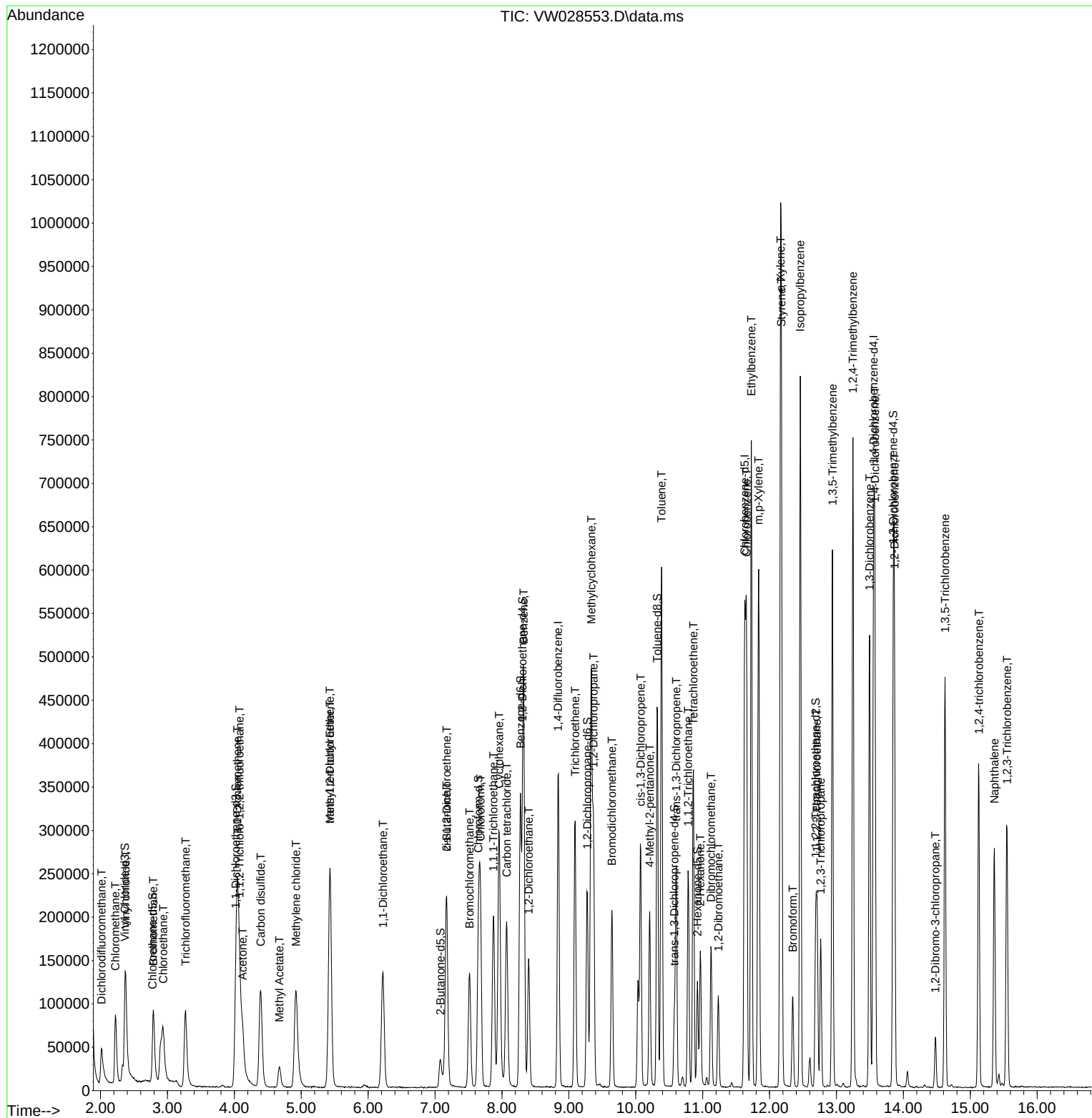
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133681	25.166	ug/L	98
29) Cyclohexane	7.959	56	169282	24.119	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	156802	24.333	ug/L	98
31) Carbon tetrachloride	8.069	117	140897	24.656	ug/L	99
33) Benzene	8.325	78	401971	24.196	ug/L	100
34) Trichloroethene	9.093	95	107210	23.813	ug/L	95
35) Methylcyclohexane	9.337	83	179679	23.388	ug/L	98
37) 1,2-Dichloropropane	9.368	63	105106	24.274	ug/L	99
38) Bromodichloromethane	9.642	83	131937	24.583	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	156671	24.674	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	134814	62.197	ug/L	100
42) Toluene	10.386	91	421723	23.962	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	129811	25.271	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	75115	25.642	ug/L	95
46) Tetrachloroethene	10.861	164	78299	23.283	ug/L	98
48) 2-Hexanone	10.965	43	102162	59.378	ug/L	96
49) Dibromochloromethane	11.123	129	80556	25.728	ug/L	98
50) 1,2-Dibromoethane	11.233	107	69301	25.920	ug/L #	96
51) Chlorobenzene	11.654	112	261270	23.883	ug/L	98
52) Ethylbenzene	11.727	91	490720	24.597	ug/L	99
53) m,p-Xylene	11.837	106	176309	23.764	ug/L	100
54) o-Xylene	12.166	106	167653	24.269	ug/L	99
55) Styrene	12.178	104	291036	24.754	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	90992	27.447	ug/L	95
59) Bromoform	12.349	173	45207	27.239	ug/L	96
60) Isopropylbenzene	12.459	105	487788	25.879	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67241	29.252	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	310672	25.859	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380295	26.303	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	194741	24.349	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	195524	24.033	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	173709	24.692	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	15134	28.731	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	130225	23.662	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	105906	24.642	ug/L	94
71) Naphthalene	15.360	128	221776	29.157	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93658	24.558	ug/L	98

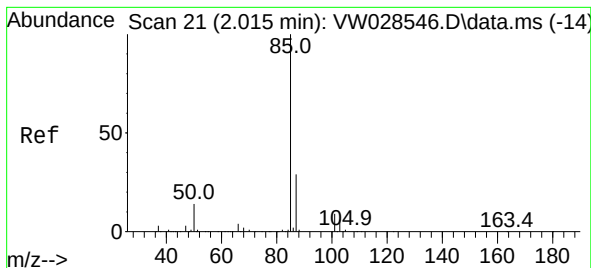
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#2

Dichlorodifluoromethane

Concen: 20.399 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

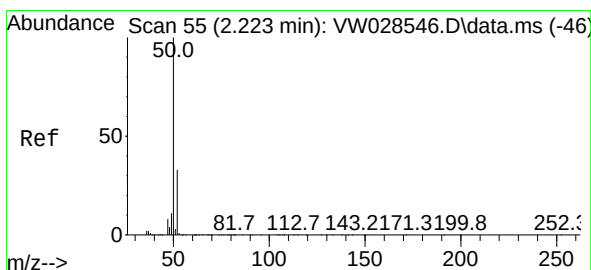
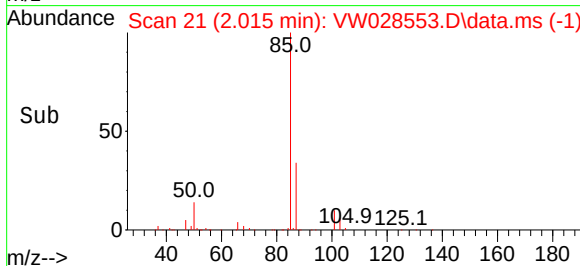
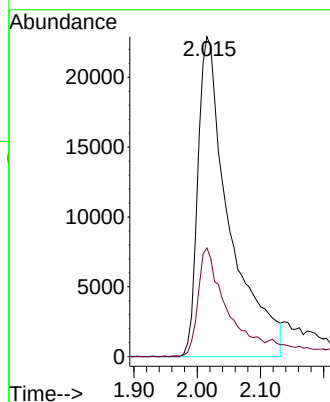
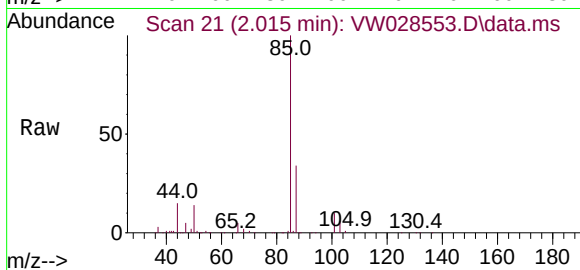
ClientSampleId :

Tgt Ion: 85 Resp: 79032

Ion Ratio Lower Upper

85 100

87 28.9 23.4 35.0



#3

Chloromethane

Concen: 22.778 ug/L

RT: 2.223 min Scan# 55

Delta R.T. 0.000 min

Lab File: VW028553.D

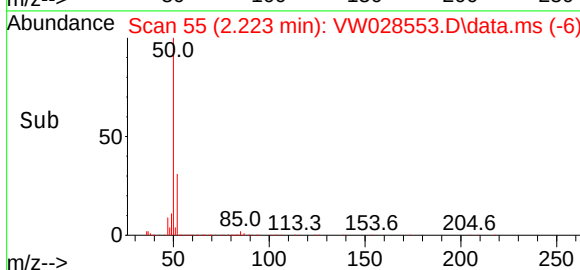
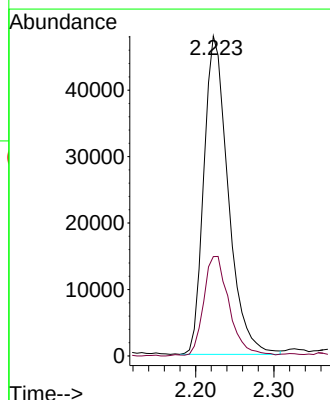
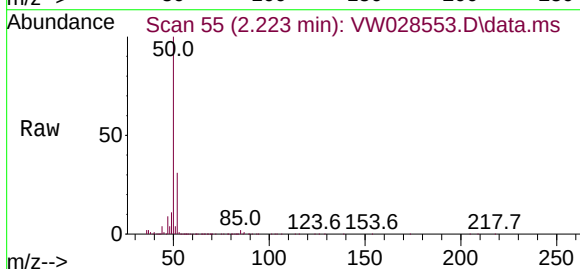
Acq: 01 May 2024 08:56

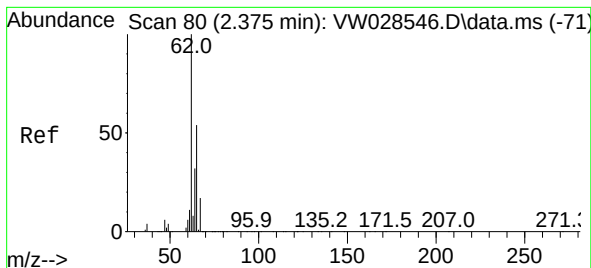
Tgt Ion: 50 Resp: 103612

Ion Ratio Lower Upper

50 100

52 31.0 23.0 42.6





#5

Vinyl chloride

Concen: 22.492 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

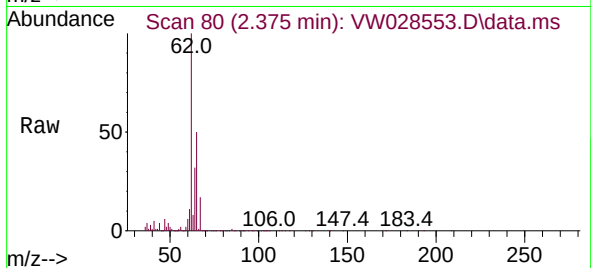
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Instrument :

MSVOA_W

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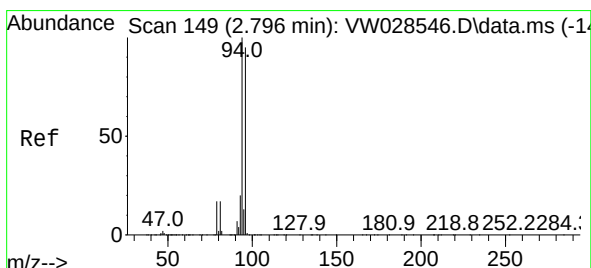
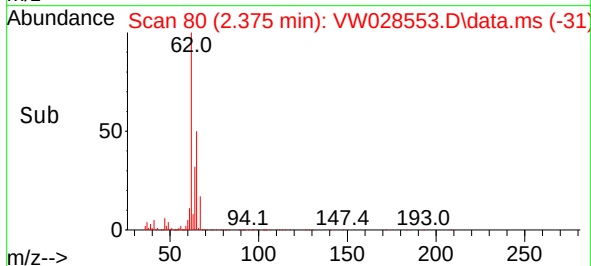
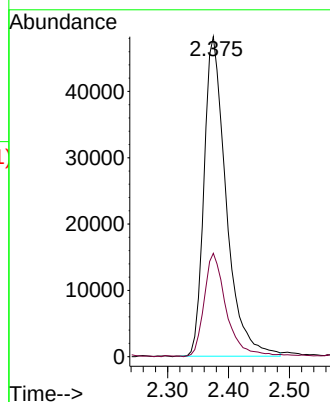


Tgt Ion: 62 Resp: 121842

Ion Ratio Lower Upper

62 100

64 32.3 23.1 42.9



#6

Bromomethane

Concen: 21.411 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW028553.D

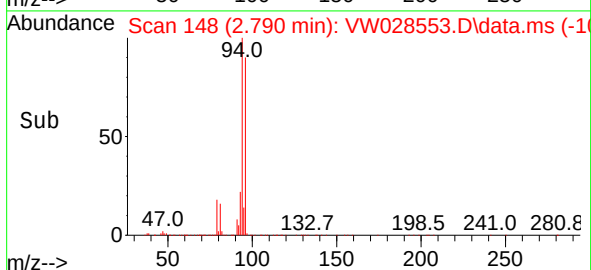
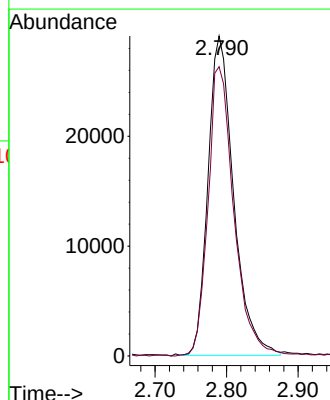
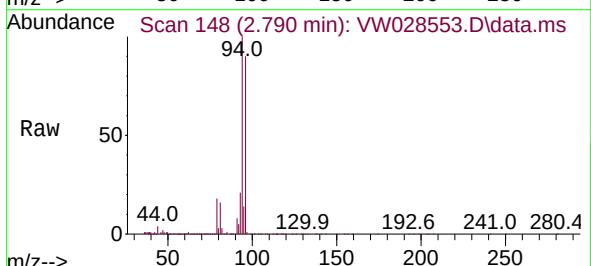
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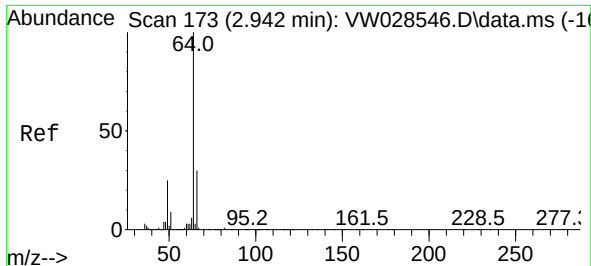
Tgt Ion: 94 Resp: 72467

Ion Ratio Lower Upper

94 100

96 90.4 64.3 119.5

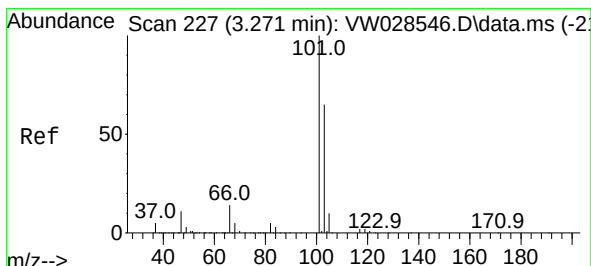
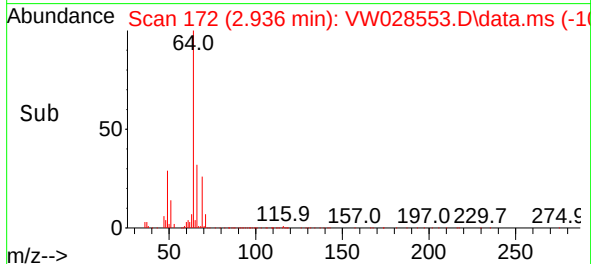
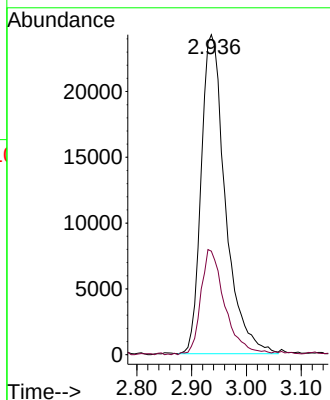
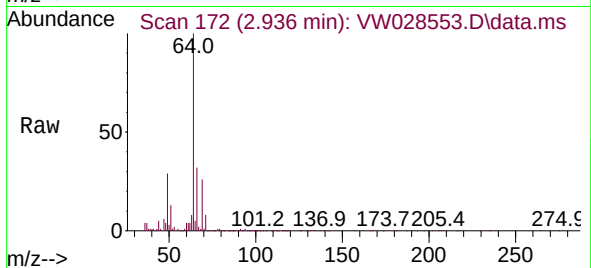




#8
Chloroethane
Concen: 22.760 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

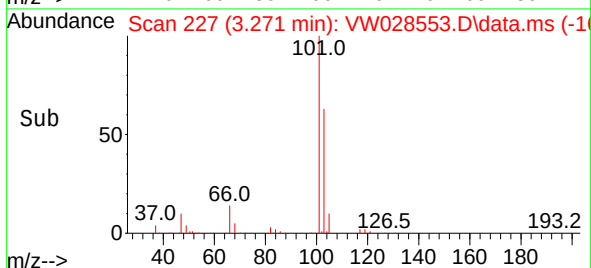
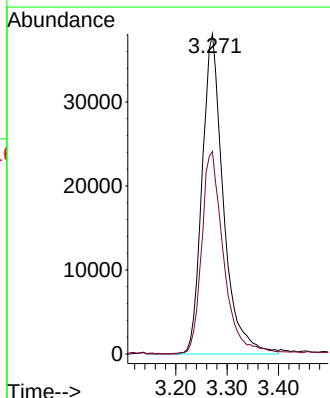
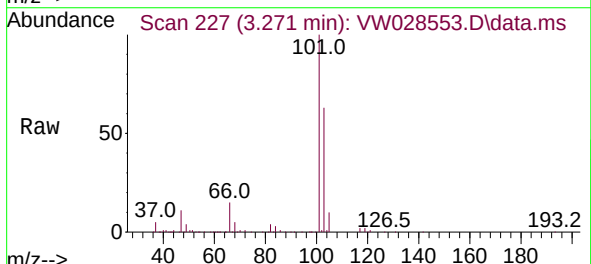
Instrument :
MSVOA_W
ClientSampleId :

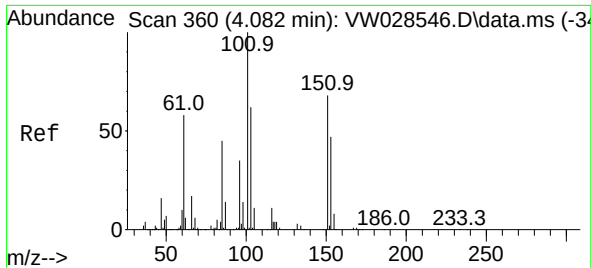
Tgt Ion: 64 Resp: 74324
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.317 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion: 101 Resp: 109407
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0





#10

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

Concen: 23.426 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

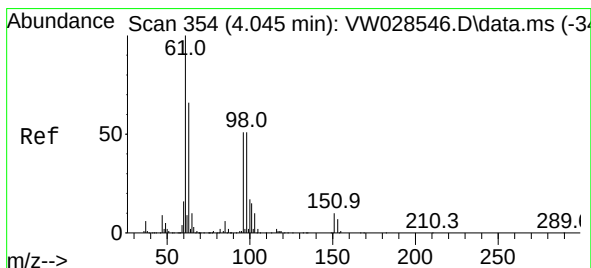
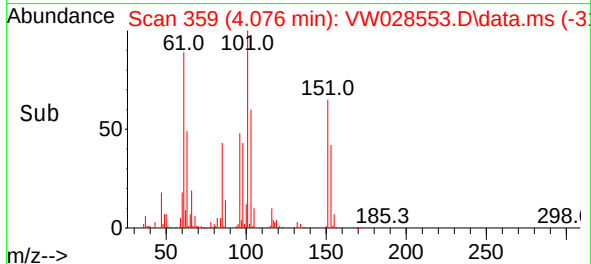
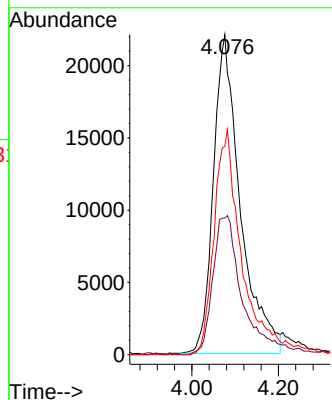
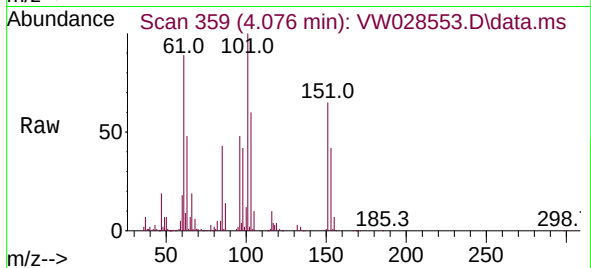
Tgt Ion:101 Resp: 95243

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

151 65.3 57.5 86.3



#12

1,1-Dichloroethene

Concen: 22.841 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

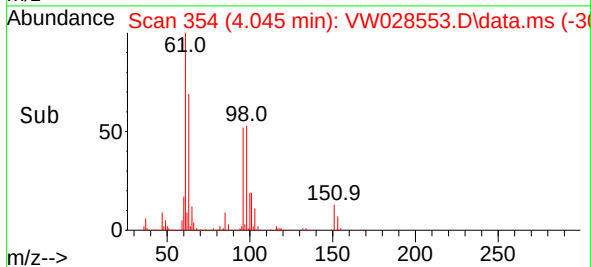
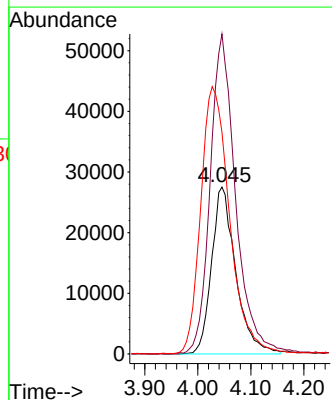
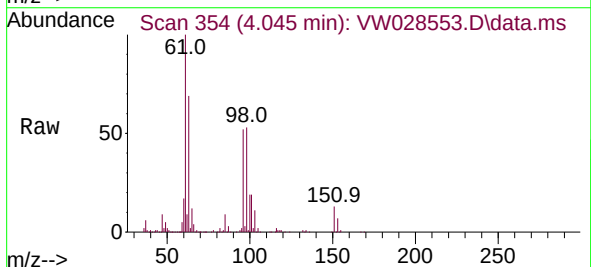
Tgt Ion: 96 Resp: 87195

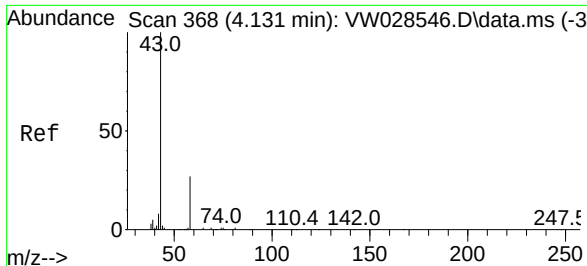
Ion Ratio Lower Upper

96 100

61 191.7 130.5 242.5

63 132.8 101.5 188.5

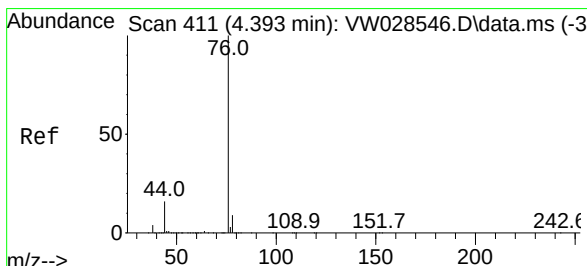
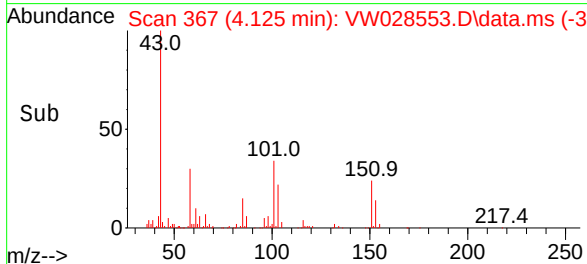
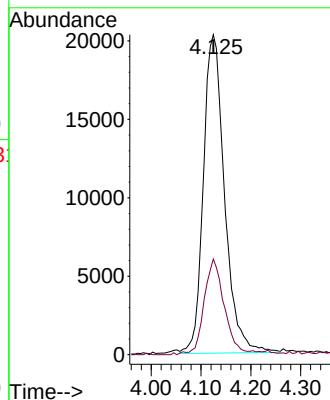
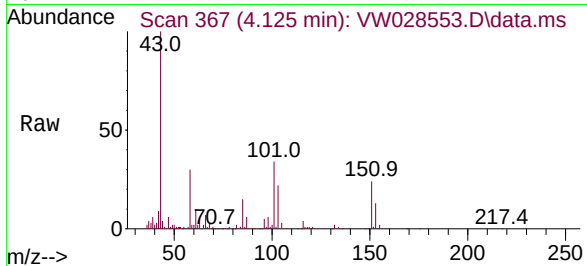




#13
Acetone
Concen: 56.426 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

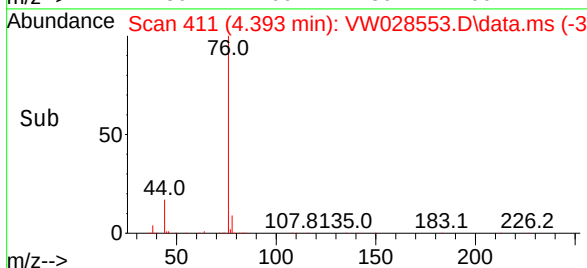
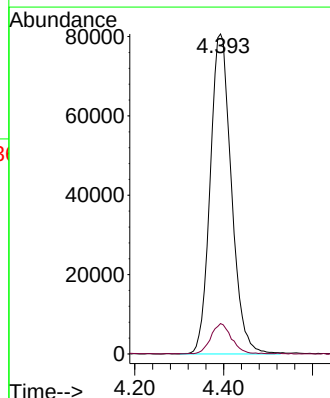
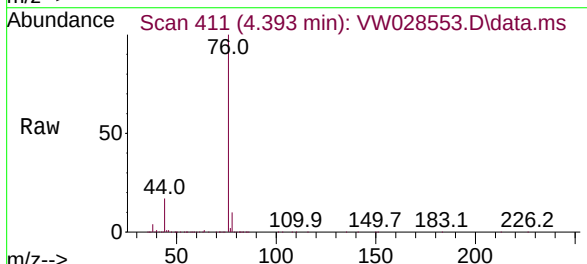
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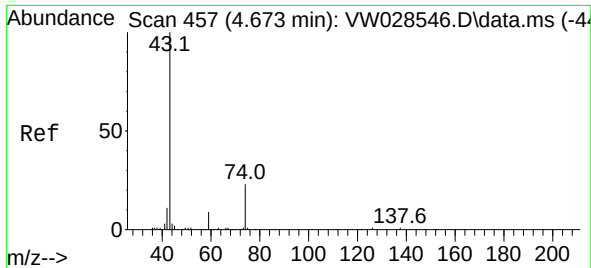
Tgt Ion: 43 Resp: 59873
Ion Ratio Lower Upper
43 100
58 27.7 0.0 53.4



#14
Carbon disulfide
Concen: 21.244 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 266997
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

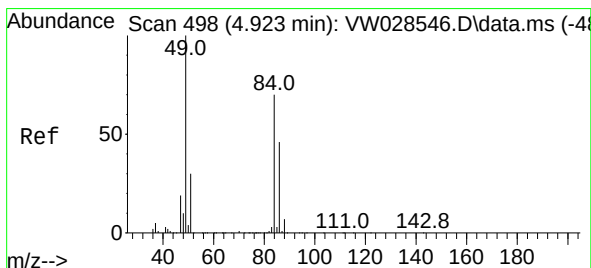
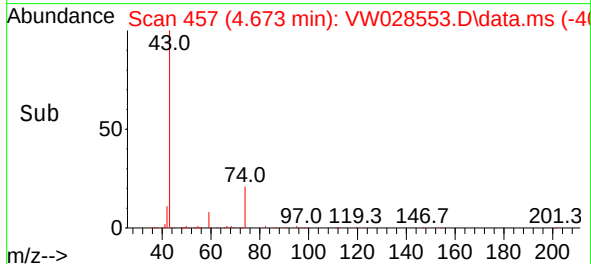
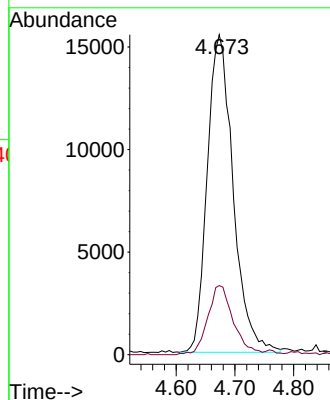
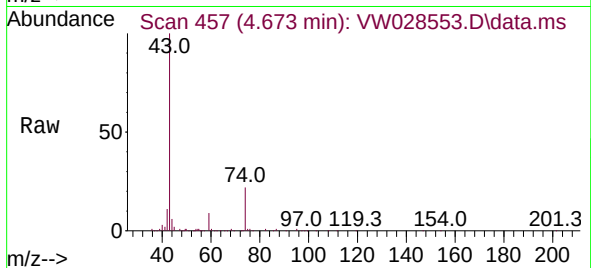




#15
Methyl Acetate
Concen: 27.763 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

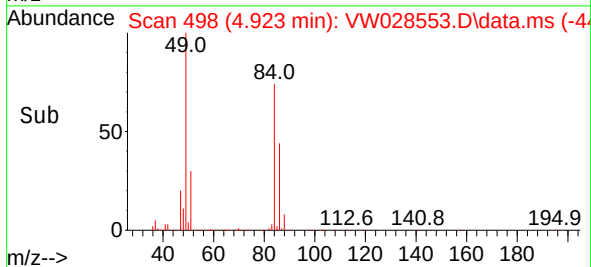
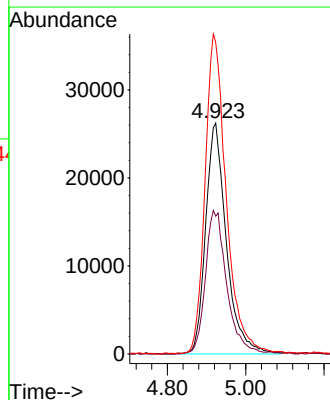
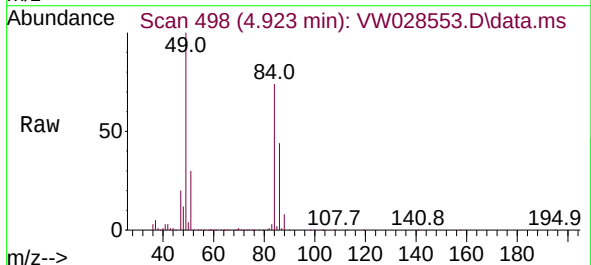
Instrument :
MSVOA_W
ClientSampleId :

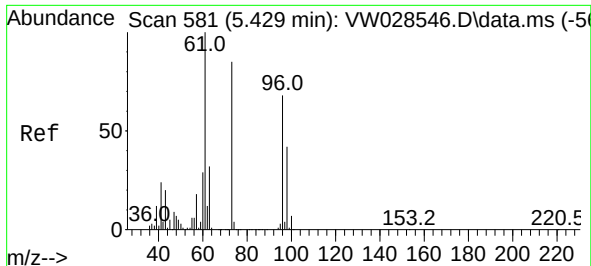
Tgt Ion: 43 Resp: 47400
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.0



#16
Methylene chloride
Concen: 22.150 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion: 84 Resp: 96549
Ion Ratio Lower Upper
84 100
86 59.6 44.2 82.0
49 134.9 95.0 176.4

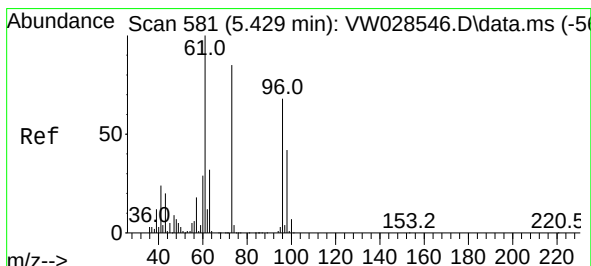
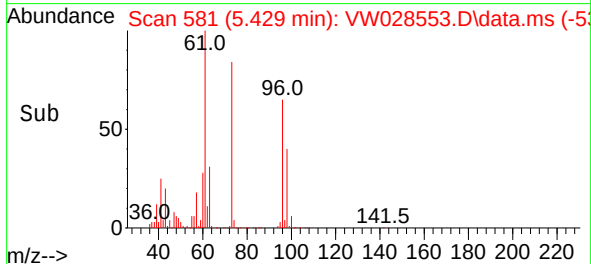
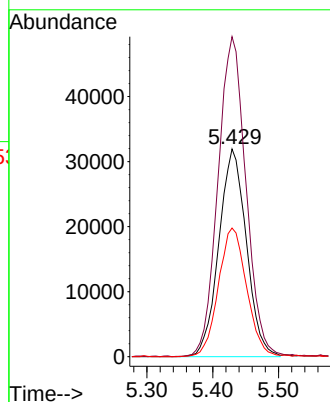
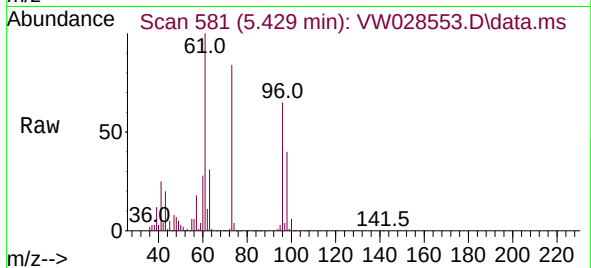




#17
trans-1,2-Dichloroethene
Concen: 23.164 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

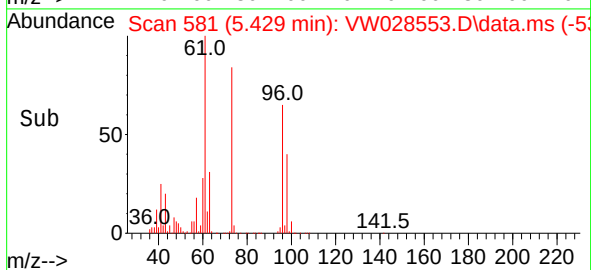
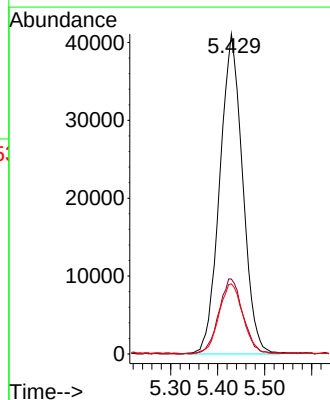
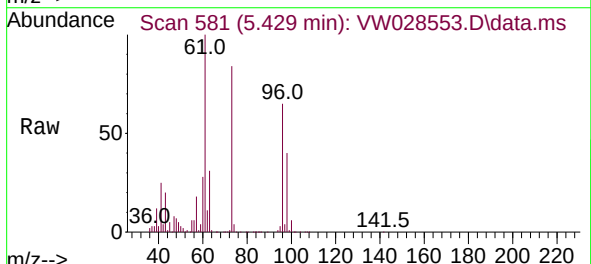
Instrument :
MSVOA_W
ClientSampleId :

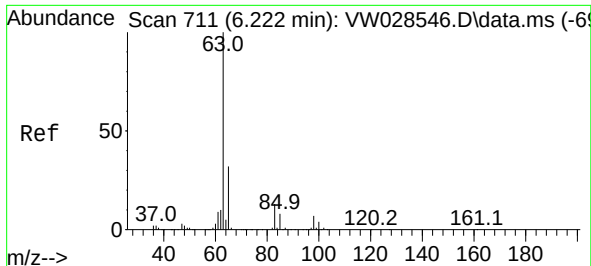
Tgt Ion: 96 Resp: 93148
Ion Ratio Lower Upper
96 100
61 154.1 108.4 201.4
98 62.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 24.575 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion: 73 Resp: 139011
Ion Ratio Lower Upper
73 100
43 24.1 18.5 27.7
57 23.2 18.2 27.4

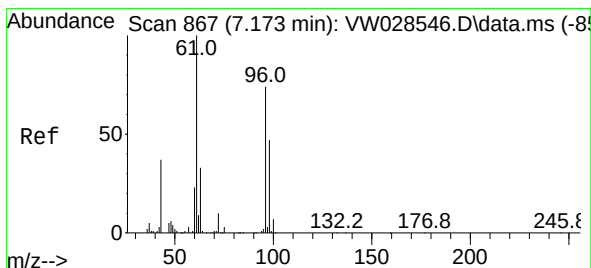
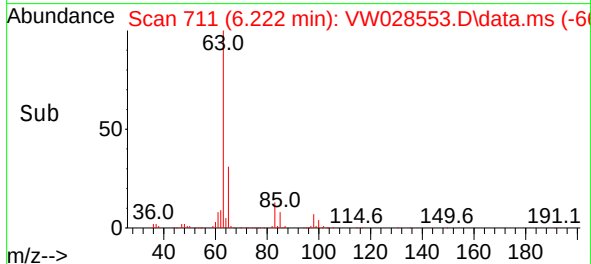
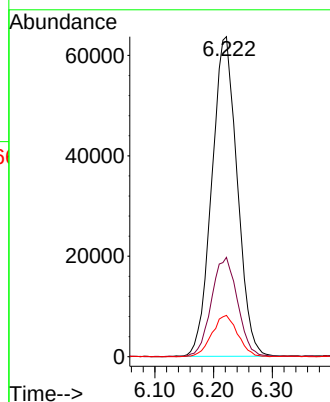
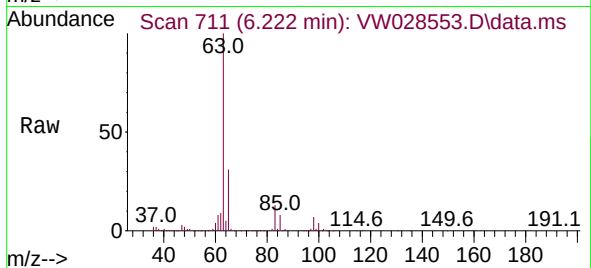




#19
1,1-Dichloroethane
Concen: 24.376 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

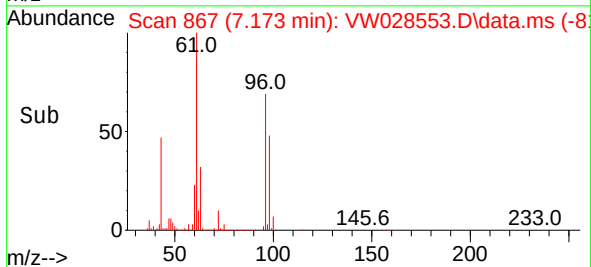
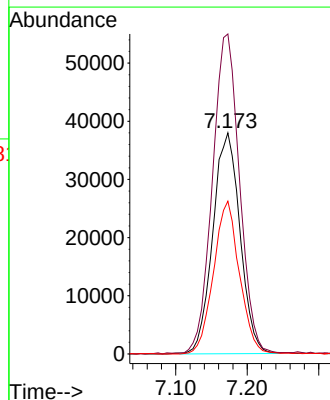
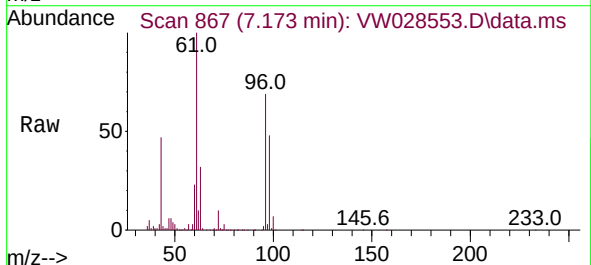
Instrument :
MSVOA_W
ClientSampleId :

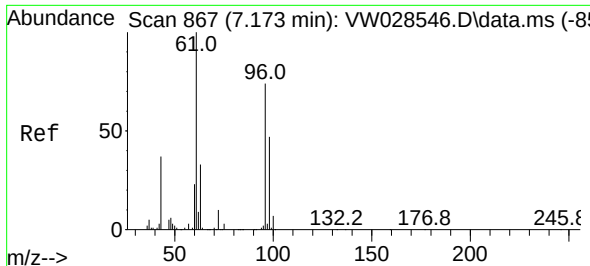
Tgt Ion: 63 Resp: 190984
Ion Ratio Lower Upper
63 100
65 31.0 21.8 40.4
83 12.9 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.473 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

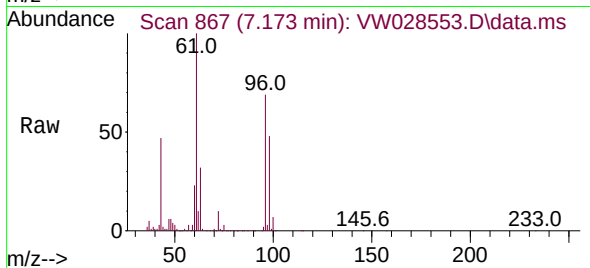
Tgt Ion: 96 Resp: 100181
Ion Ratio Lower Upper
96 100
61 144.8 97.6 181.2
98 69.1 47.7 88.5



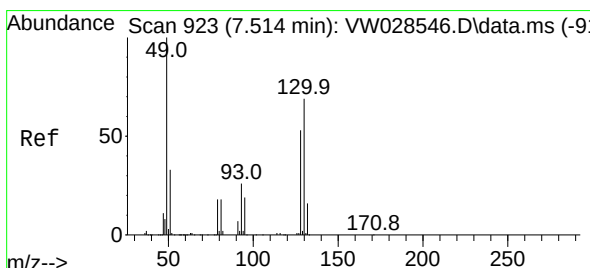
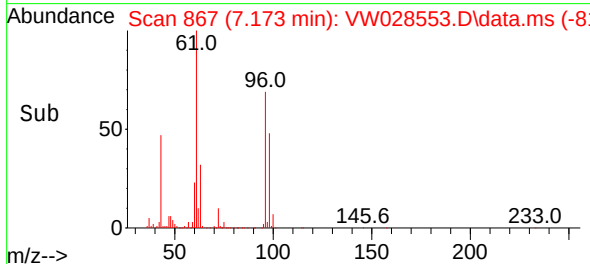
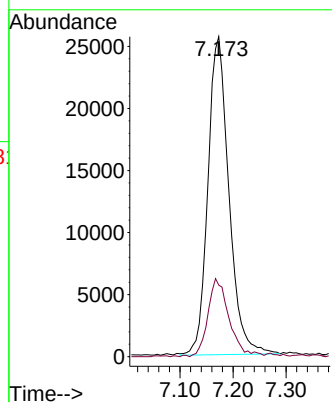


#22
2-Butanone
Concen: 54.717 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Instrument :
MSVOA_W
ClientSampleId :

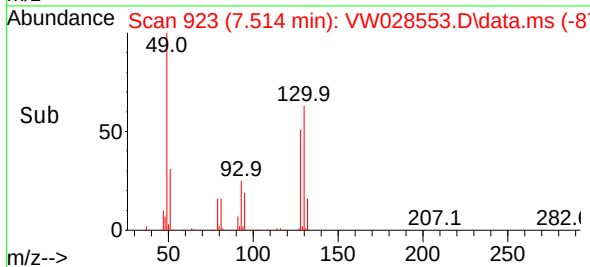
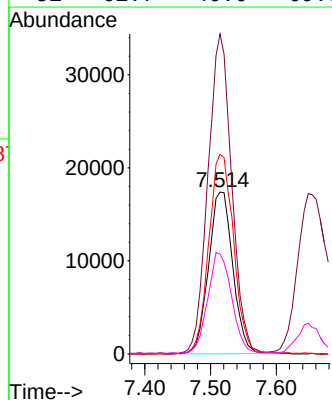
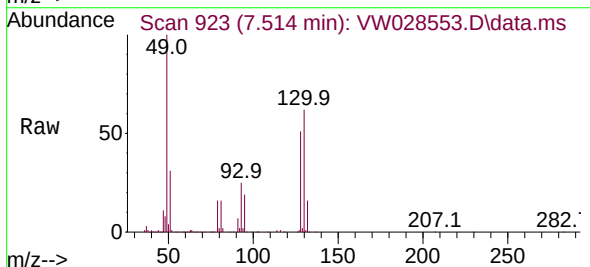


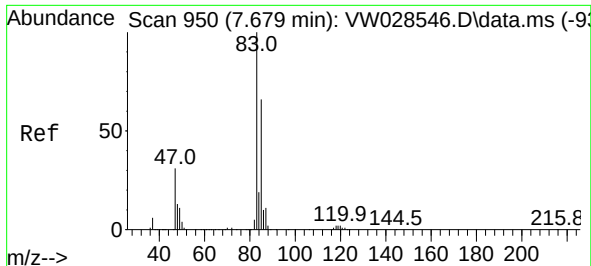
Tgt Ion: 43 Resp: 70459
Ion Ratio Lower Upper
43 100
72 24.2 12.8 38.4



#23
Bromochloromethane
Concen: 24.217 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion:128 Resp: 44518
Ion Ratio Lower Upper
128 100
49 197.7 127.1 236.0
130 123.4 78.3 145.5
51 61.7 46.0 69.0





#25

Chloroform

Concen: 24.827 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

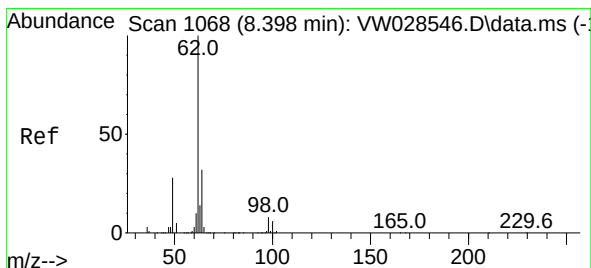
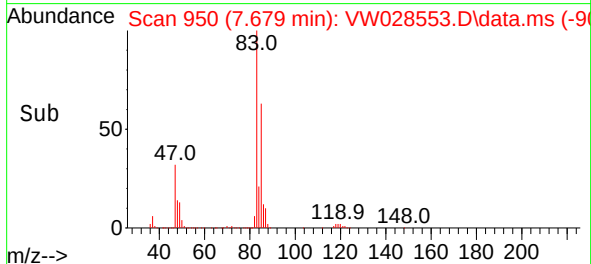
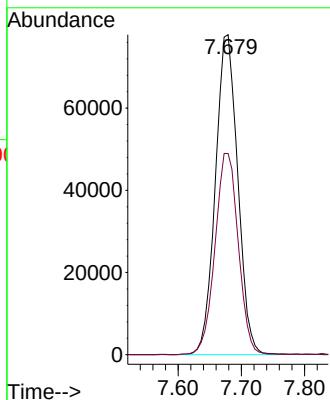
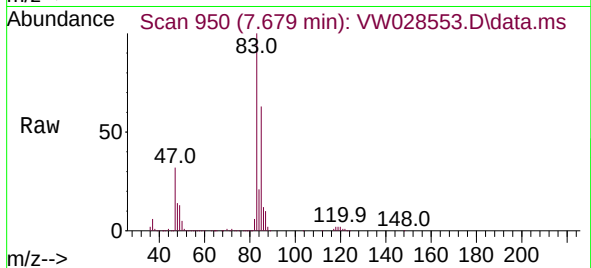
ClientSampleId :

Tgt Ion: 83 Resp: 191081

Ion Ratio Lower Upper

83 100

85 62.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 25.166 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028553.D

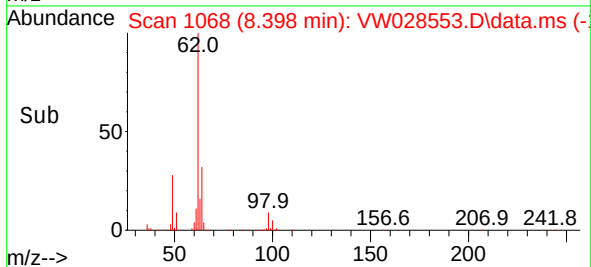
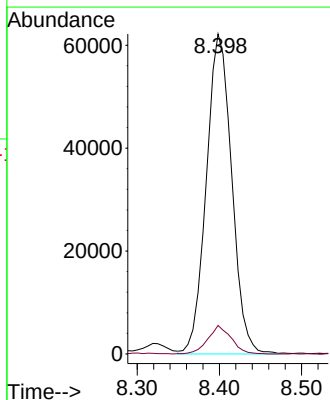
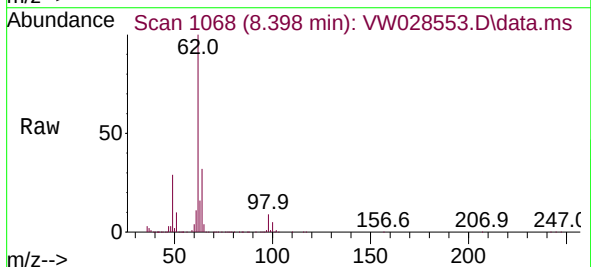
Acq: 01 May 2024 08:56

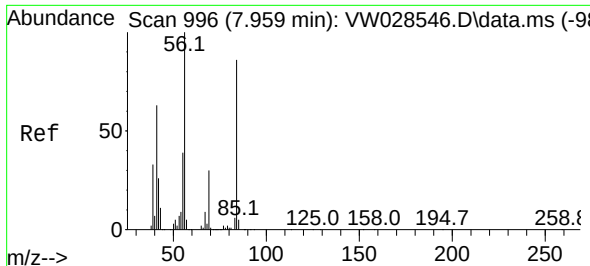
Tgt Ion: 62 Resp: 133681

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 24.119 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

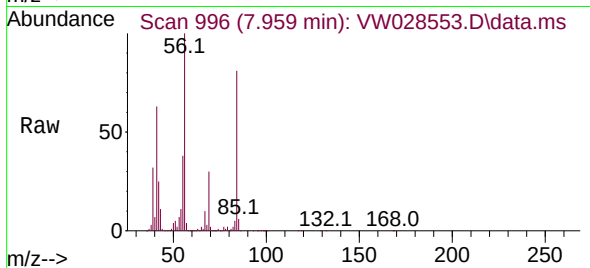
Lab File: VW028553.D

Acq: 01 May 2024 08:56

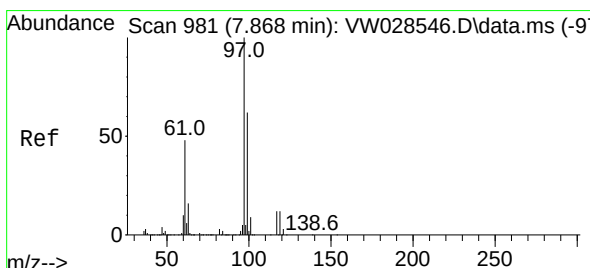
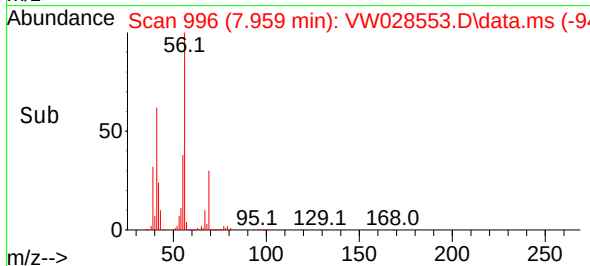
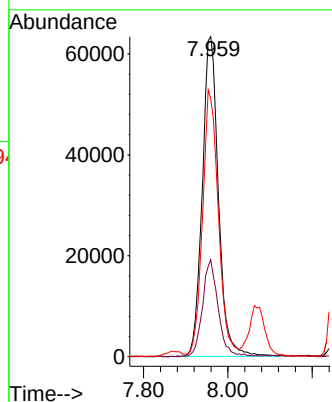
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	169282
Ion Ratio	Lower	Upper	
56	100		
69	29.0	23.8	35.6
84	81.4	65.9	98.9



#30

1,1,1-Trichloroethane

Concen: 24.333 ug/L

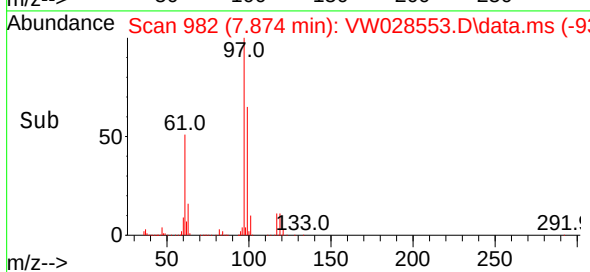
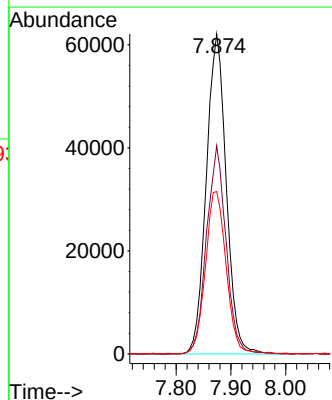
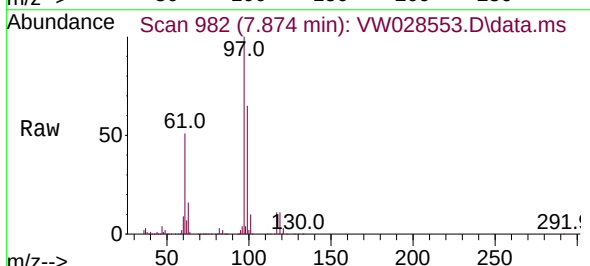
RT: 7.874 min Scan# 982

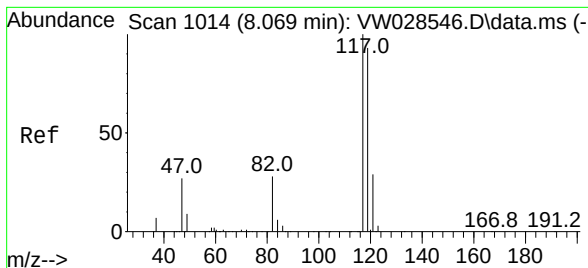
Delta R.T. 0.006 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Tgt Ion:	97	Resp:	156802
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.4	77.2
61	52.7	40.5	60.7





#31

Carbon tetrachloride

Concen: 24.656 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

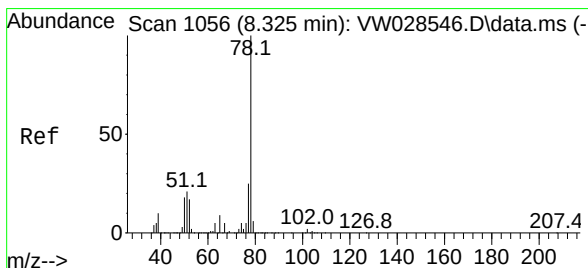
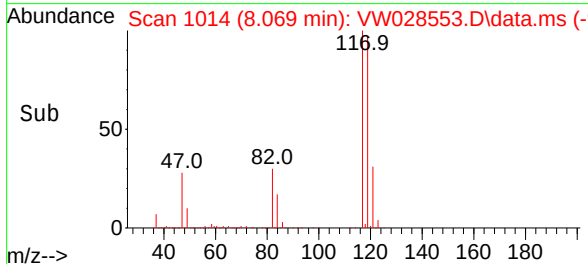
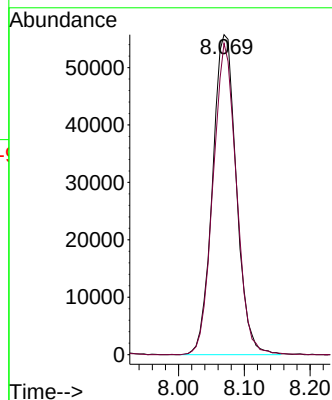
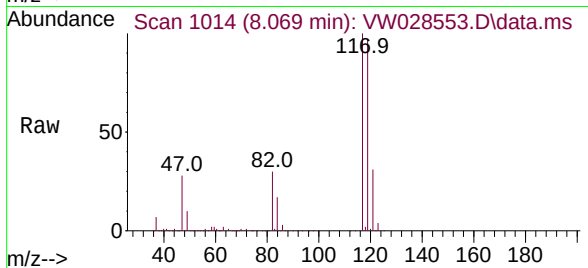
ClientSampleId :

Tgt Ion:117 Resp: 140897

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2



#33

Benzene

Concen: 24.196 ug/L

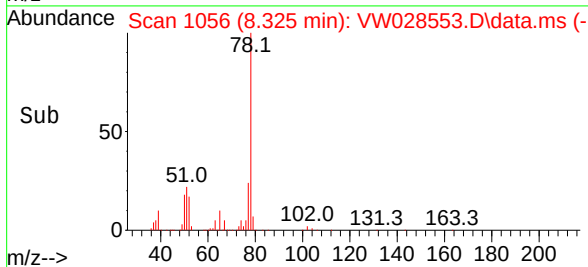
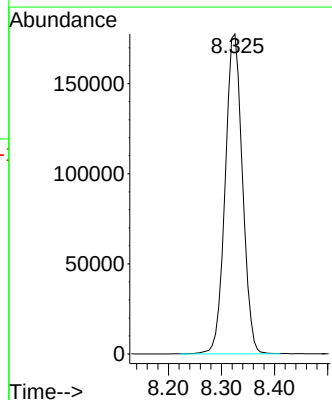
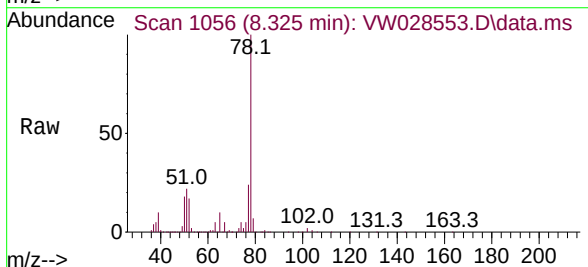
RT: 8.325 min Scan# 1056

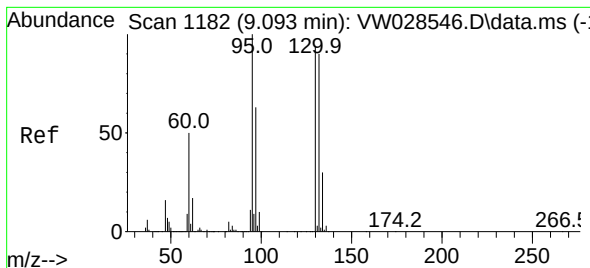
Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Tgt Ion: 78 Resp: 401971





#34

Trichloroethene

Concen: 23.813 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

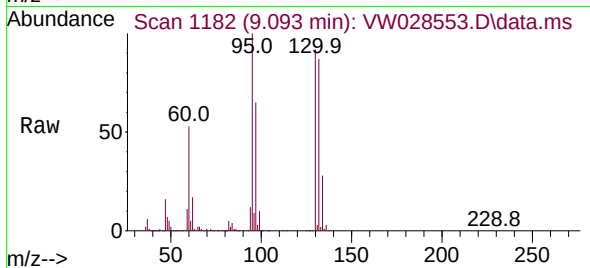
Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 107210

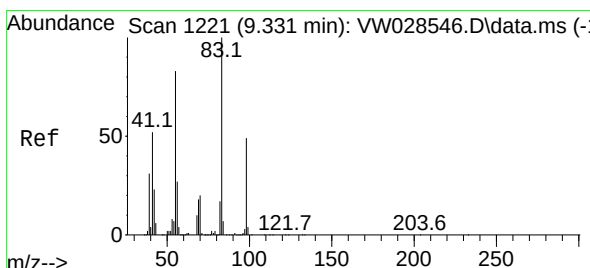
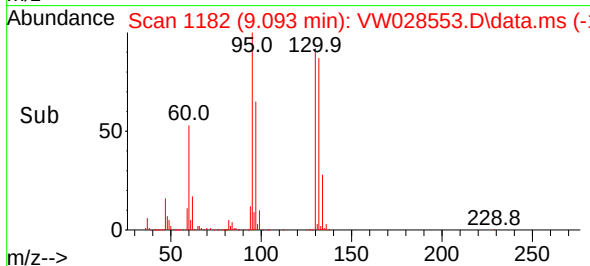
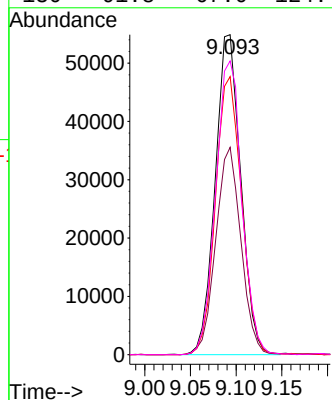
Ion Ratio Lower Upper

95 100

97 64.8 43.8 81.4

132 86.9 66.1 122.8

130 91.8 67.0 124.4



#35

Methylcyclohexane

Concen: 23.388 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

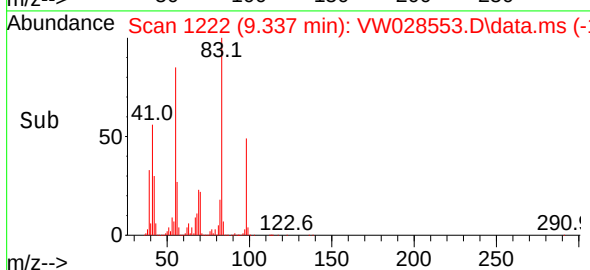
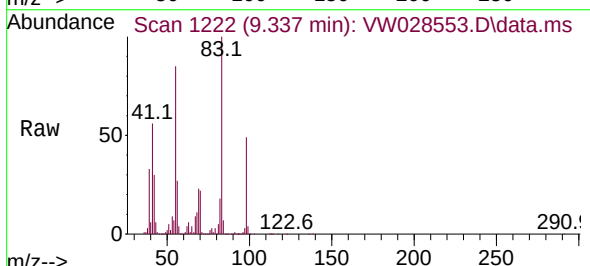
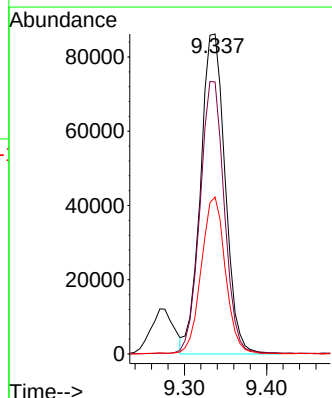
Tgt Ion: 83 Resp: 179679

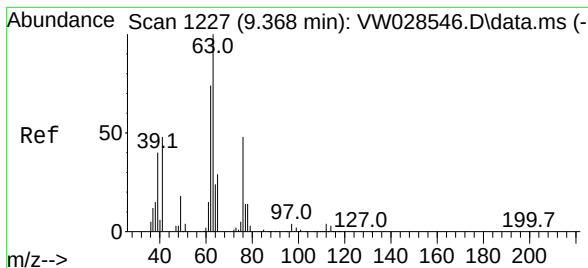
Ion Ratio Lower Upper

83 100

55 84.1 65.7 98.5

98 48.0 38.6 58.0





#37

1,2-Dichloropropane

Concen: 24.274 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

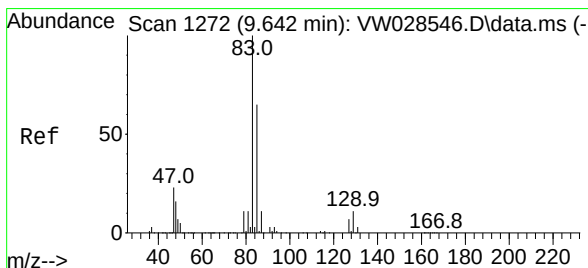
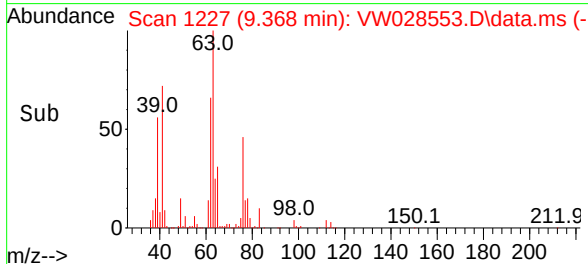
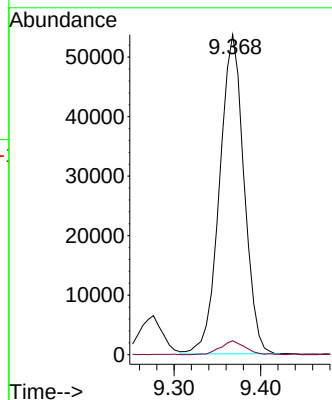
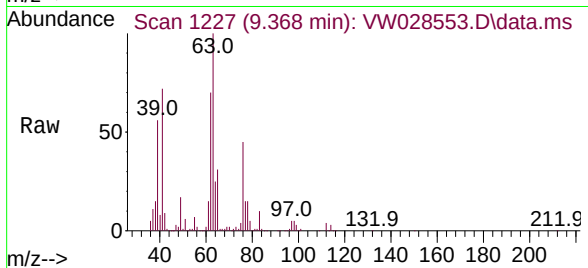
ClientSampleId :

Tgt Ion: 63 Resp: 105106

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 24.583 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

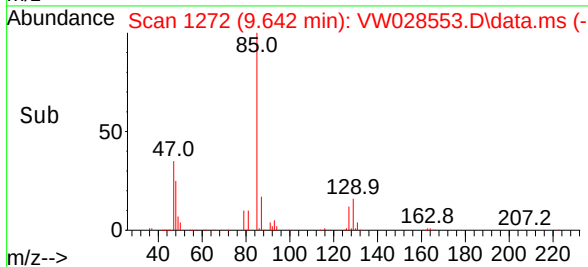
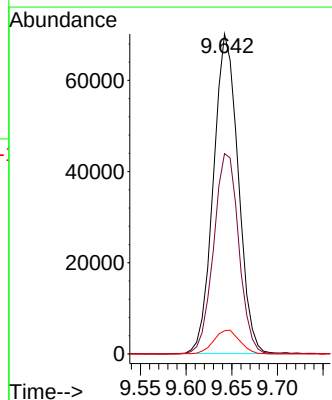
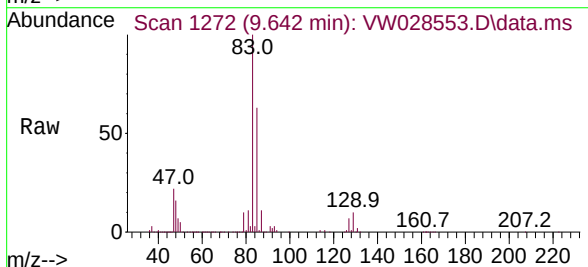
Tgt Ion: 83 Resp: 131937

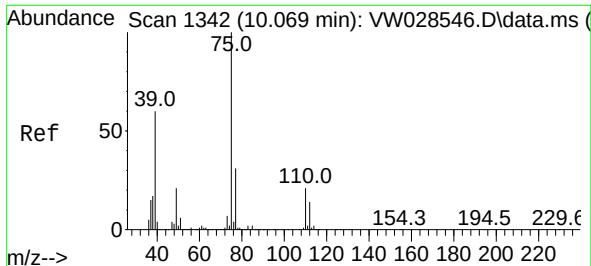
Ion Ratio Lower Upper

83 100

85 62.6 43.1 80.1

127 7.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.674 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

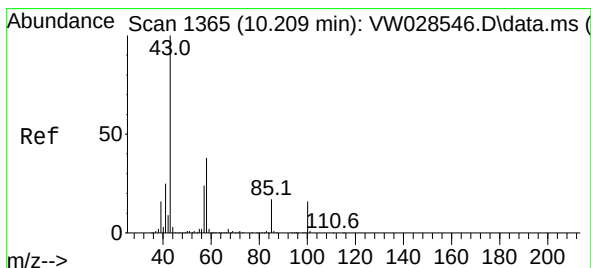
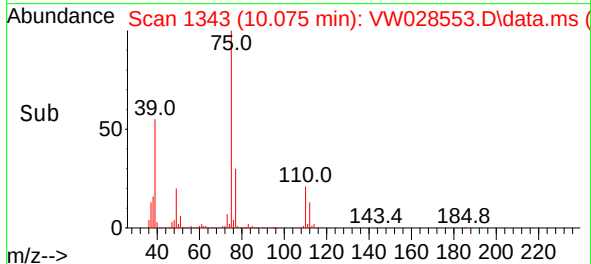
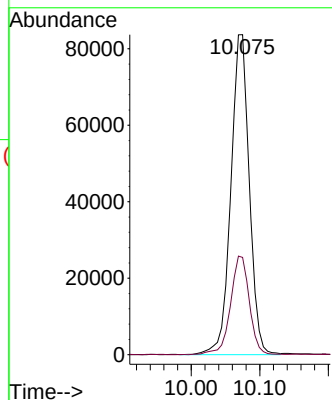
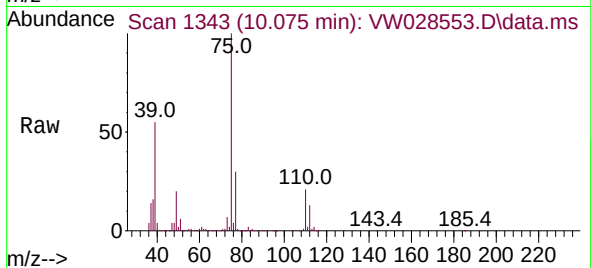
ClientSampleId :

Tgt Ion: 75 Resp: 156671

Ion Ratio Lower Upper

75 100

77 30.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 62.197 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

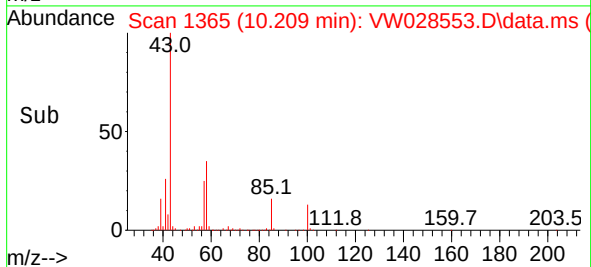
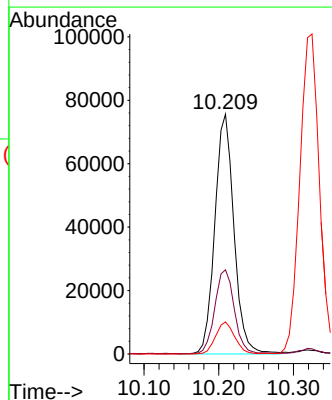
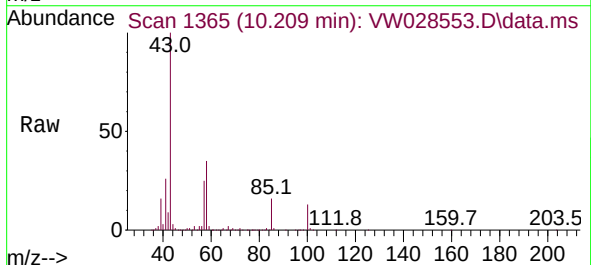
Tgt Ion: 43 Resp: 134814

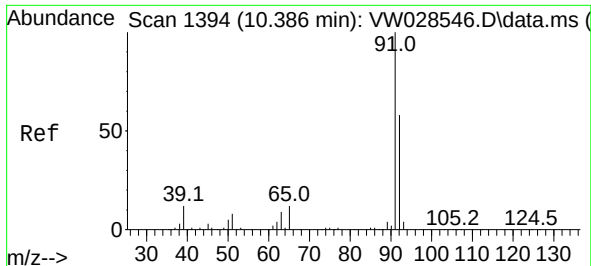
Ion Ratio Lower Upper

43 100

58 35.7 28.6 43.0

100 13.3 10.6 16.0





#42

Toluene

Concen: 23.962 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

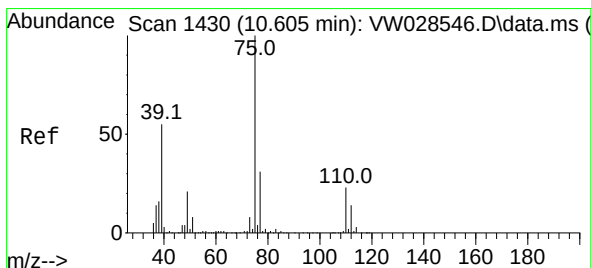
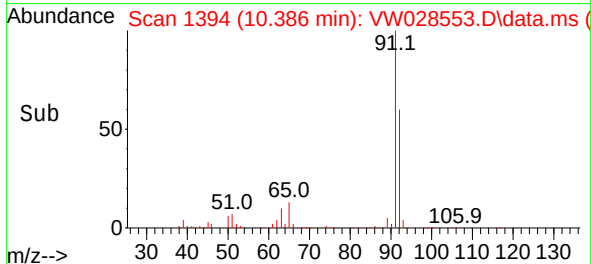
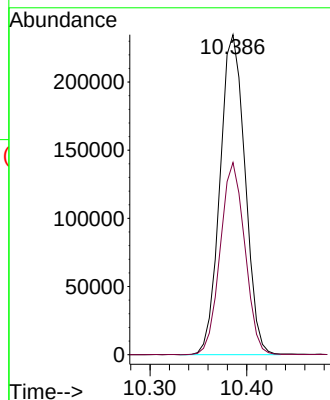
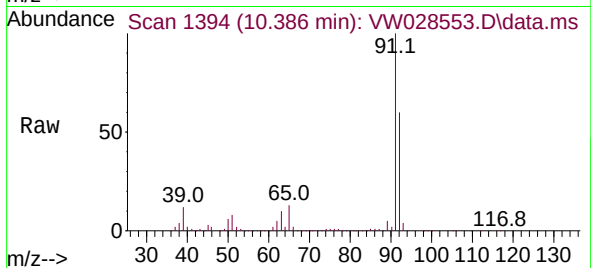
ClientSampleId :

Tgt Ion: 91 Resp: 421723

Ion Ratio Lower Upper

91 100

92 60.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.271 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028553.D

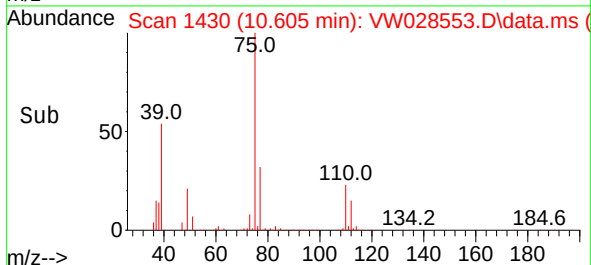
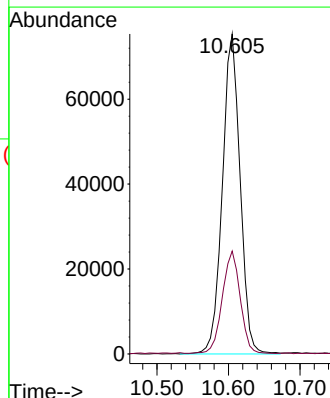
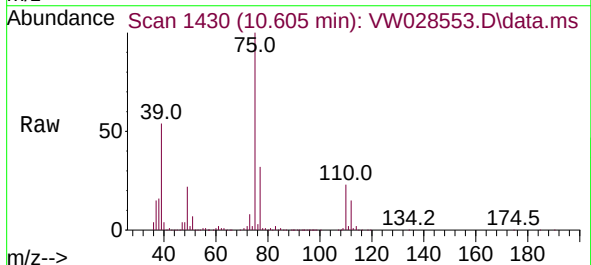
Acq: 01 May 2024 08:56

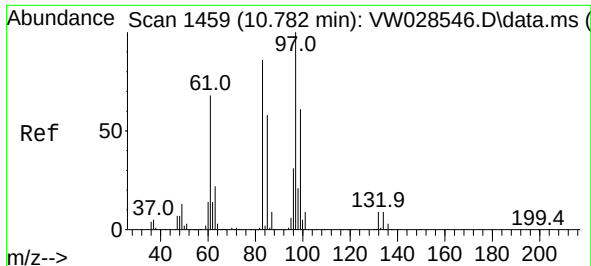
Tgt Ion: 75 Resp: 129811

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 25.642 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 75115

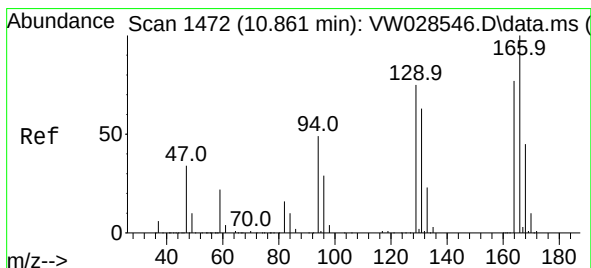
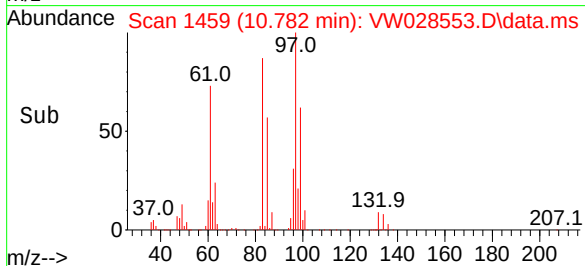
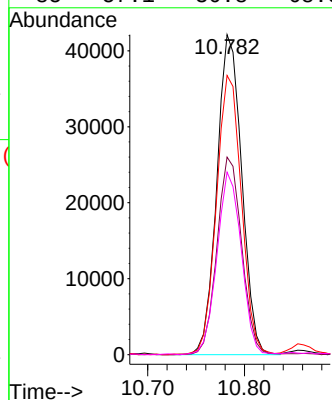
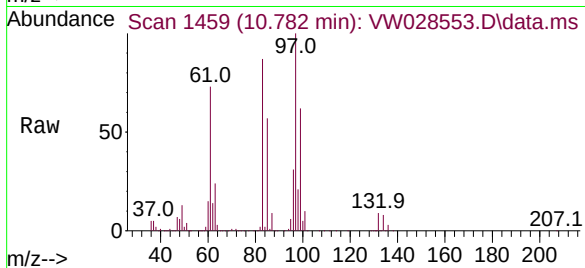
Ion Ratio Lower Upper

97 100

99 61.8 44.2 82.2

83 87.2 56.4 104.7

85 57.1 36.8 68.3



#46

Tetrachloroethene

Concen: 23.283 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Tgt Ion:164 Resp: 78299

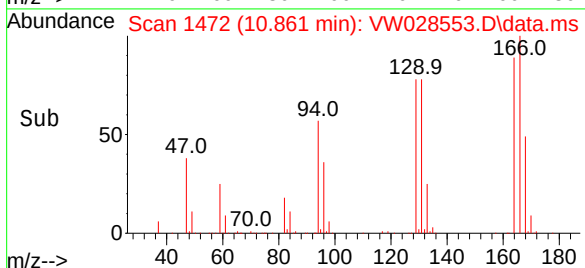
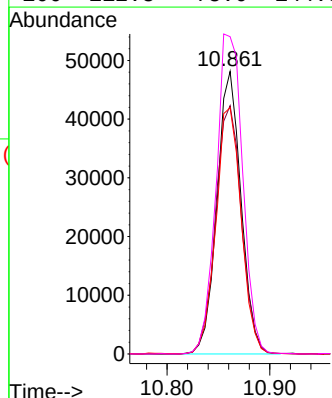
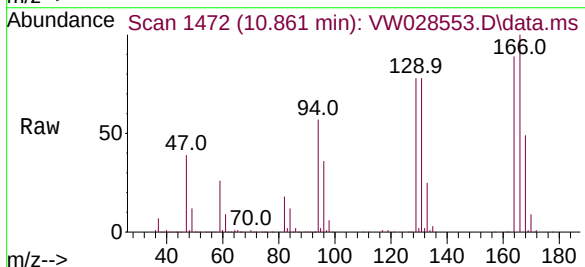
Ion Ratio Lower Upper

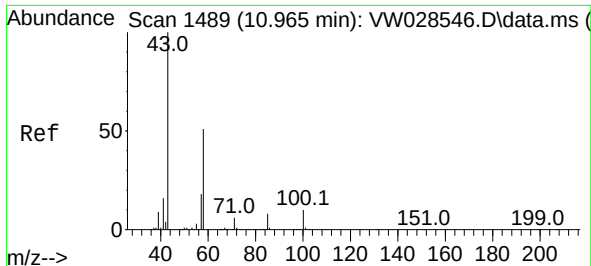
164 100

129 87.9 59.7 110.9

131 87.1 58.2 108.2

166 112.3 78.0 144.8





#48

2-Hexanone

Concen: 59.378 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

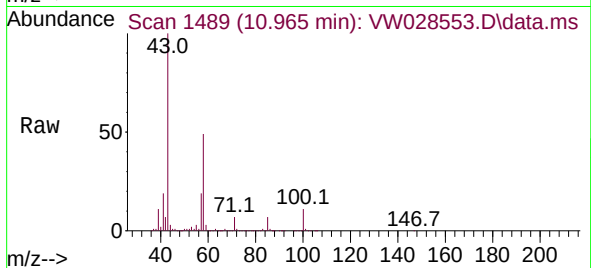
Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 102162

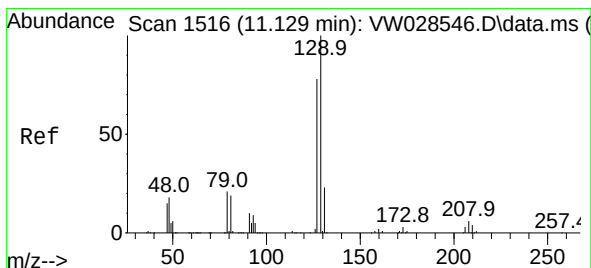
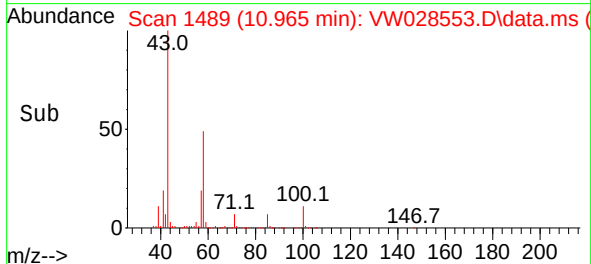
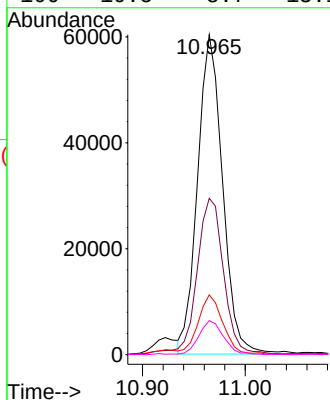
Ion Ratio Lower Upper

43 100

58 52.7 38.9 58.3

57 18.3 14.4 21.6

100 10.5 8.7 13.1



#49

Dibromochloromethane

Concen: 25.728 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW028553.D

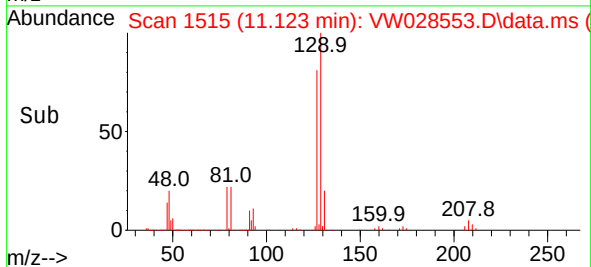
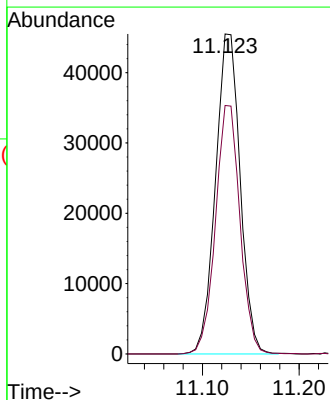
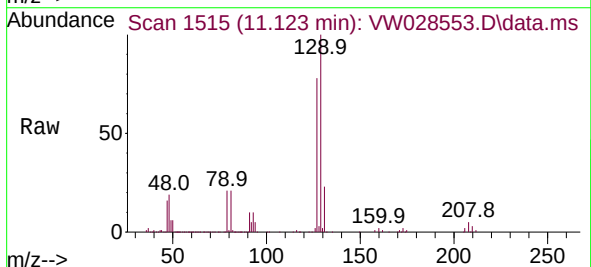
Acq: 01 May 2024 08:56

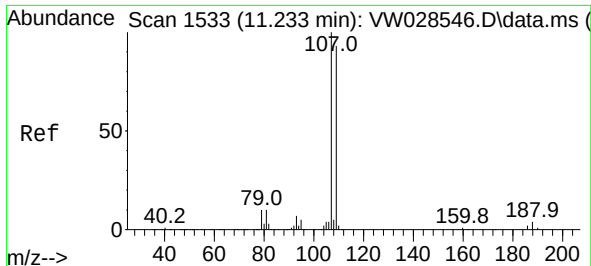
Tgt Ion: 129 Resp: 80556

Ion Ratio Lower Upper

129 100

127 77.7 53.0 98.4





#50

1,2-Dibromoethane

Concen: 25.920 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

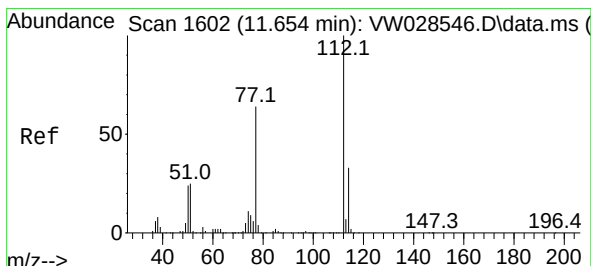
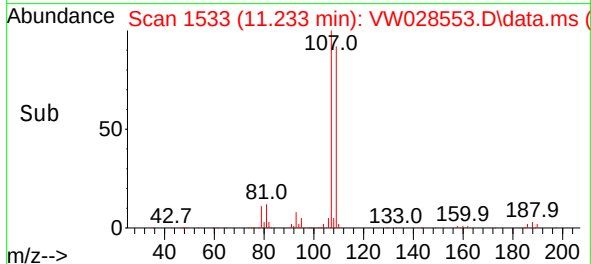
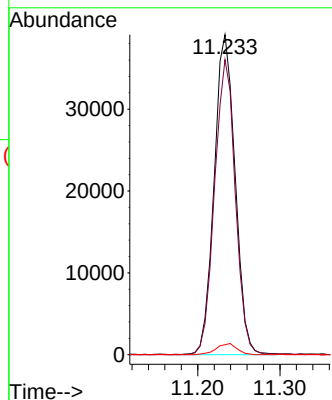
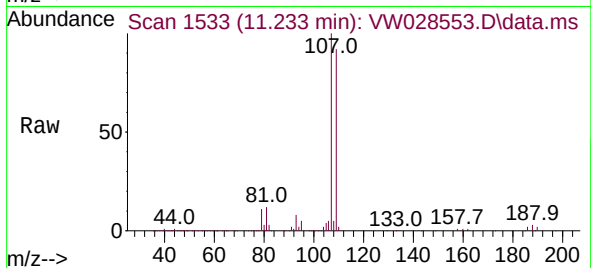
Tgt Ion:107 Resp: 69301

Ion Ratio Lower Upper

107 100

109 92.2 62.1 115.3

188 3.1 3.2 4.8#



#51

Chlorobenzene

Concen: 23.883 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

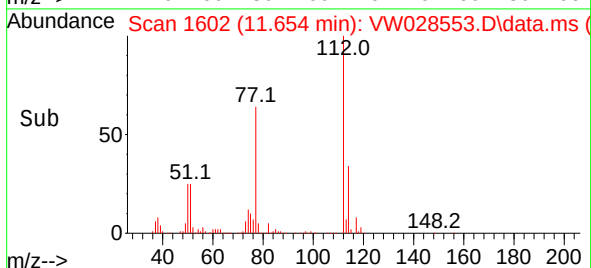
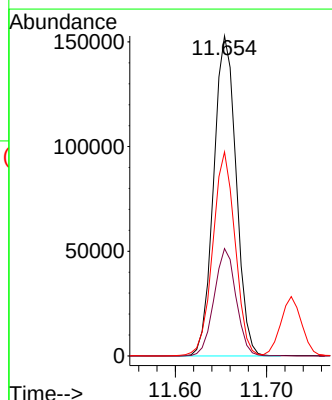
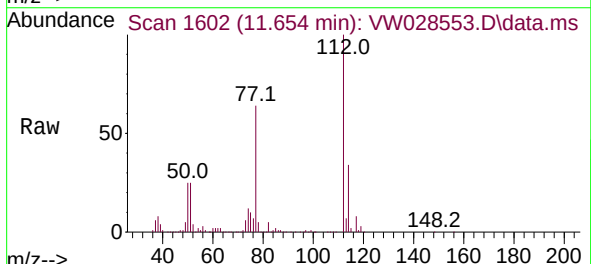
Tgt Ion:112 Resp: 261270

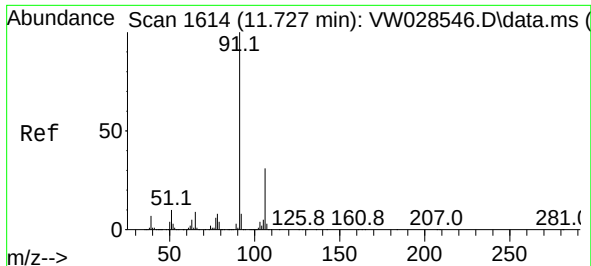
Ion Ratio Lower Upper

112 100

114 33.6 22.3 41.3

77 63.7 51.8 77.8





#52

Ethylbenzene

Concen: 24.597 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

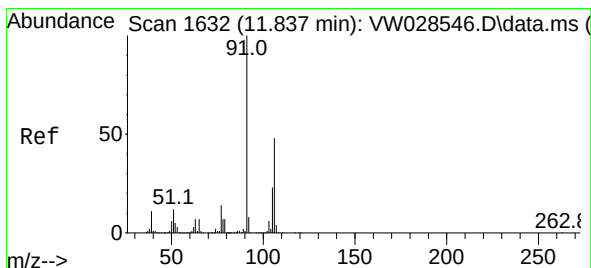
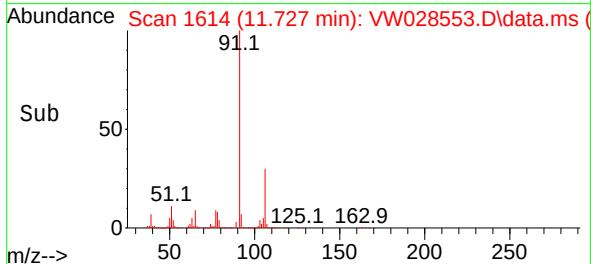
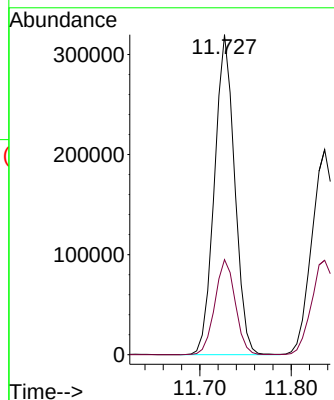
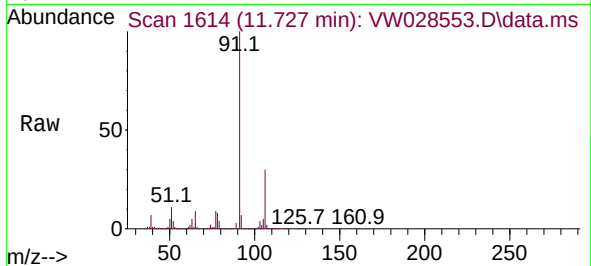
ClientSampleId :

Tgt Ion: 91 Resp: 490720

Ion Ratio Lower Upper

91 100

106 29.7 21.2 39.4



#53

m,p-Xylene

Concen: 23.764 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028553.D

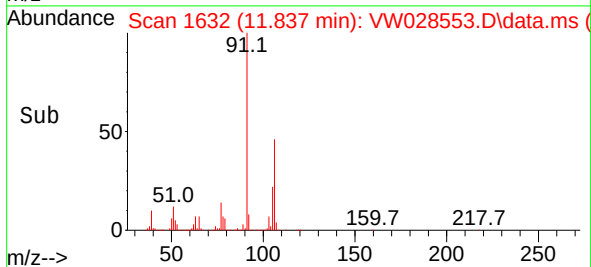
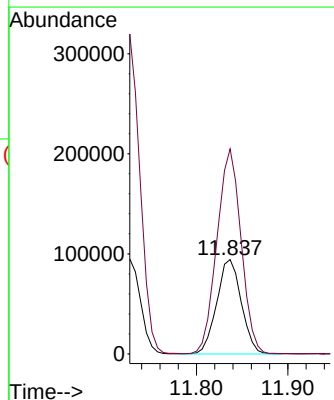
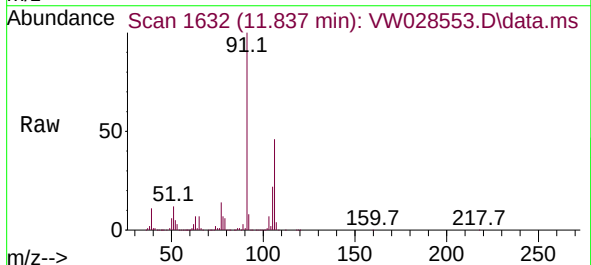
Acq: 01 May 2024 08:56

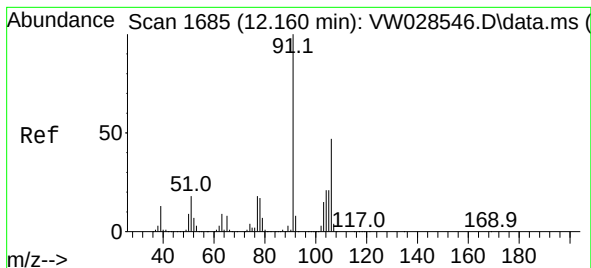
Tgt Ion:106 Resp: 176309

Ion Ratio Lower Upper

106 100

91 217.4 152.4 283.0





#54

o-Xylene

Concen: 24.269 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

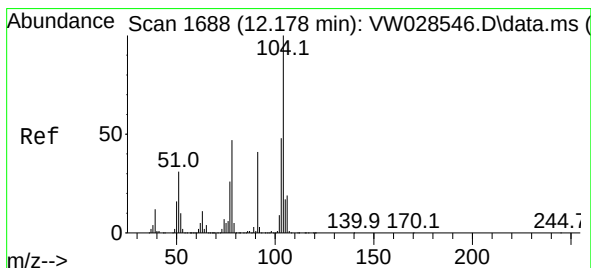
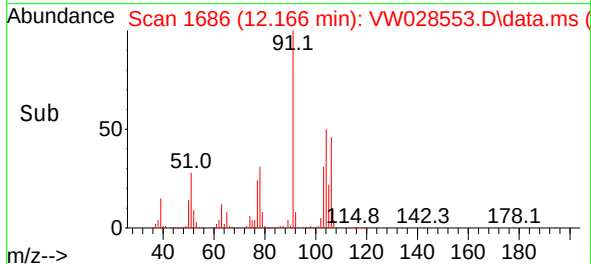
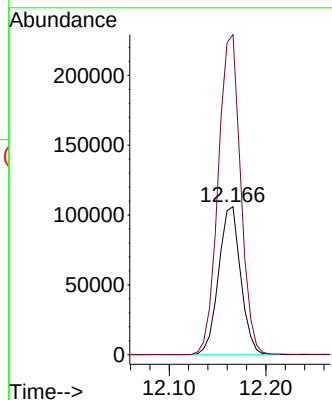
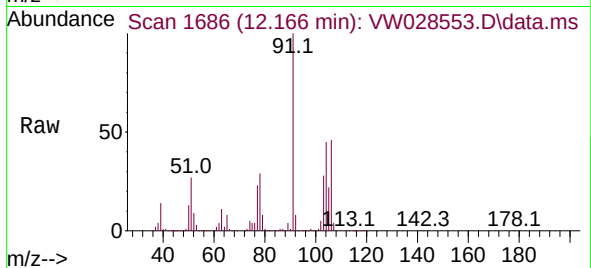
ClientSampleId :

Tgt Ion:106 Resp: 167653

Ion Ratio Lower Upper

106 100

91 216.2 152.9 283.9



#55

Styrene

Concen: 24.754 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028553.D

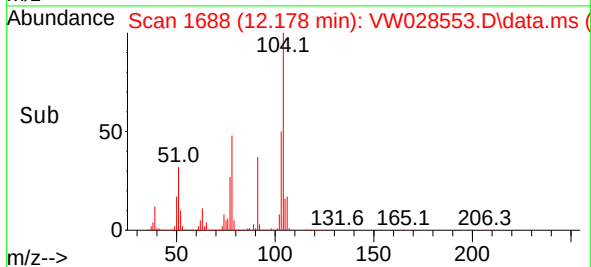
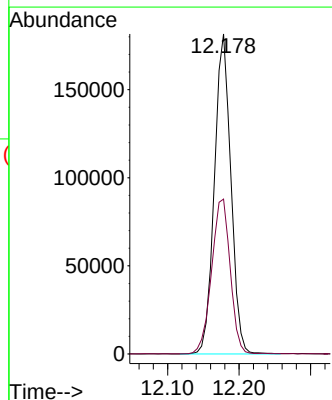
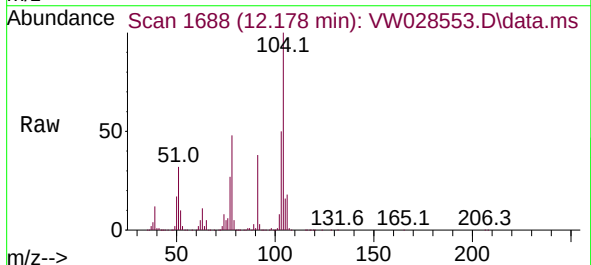
Acq: 01 May 2024 08:56

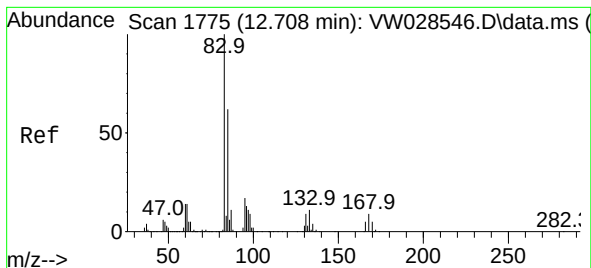
Tgt Ion:104 Resp: 291036

Ion Ratio Lower Upper

104 100

78 48.4 33.8 62.8

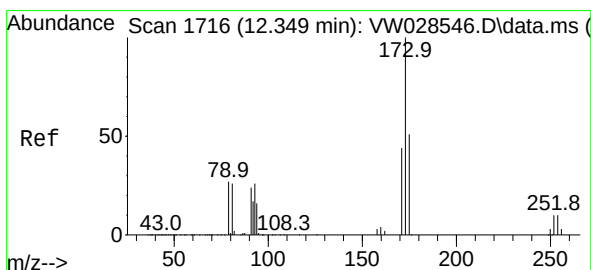
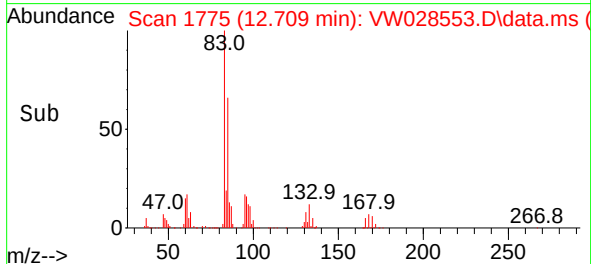
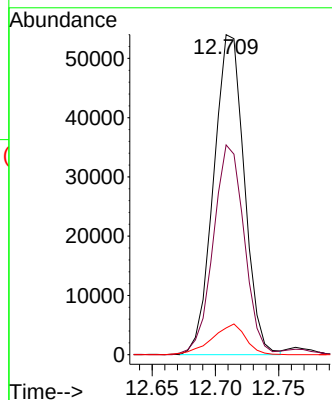
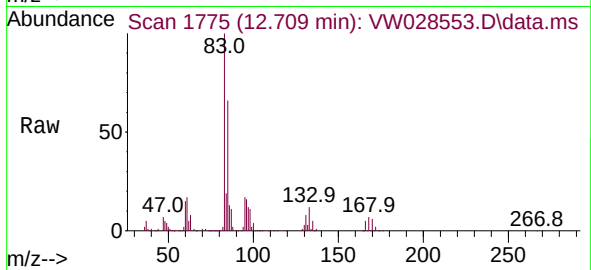




#57
1,1,2,2-Tetrachloroethane
Concen: 27.447 ug/L
RT: 12.709 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

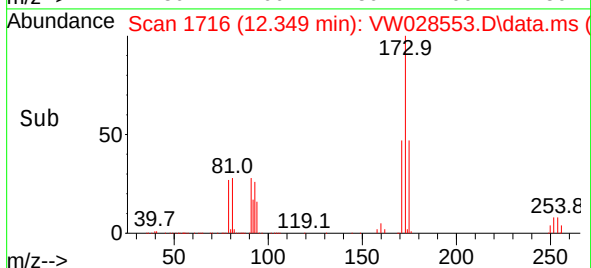
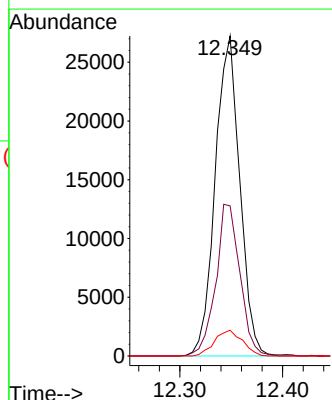
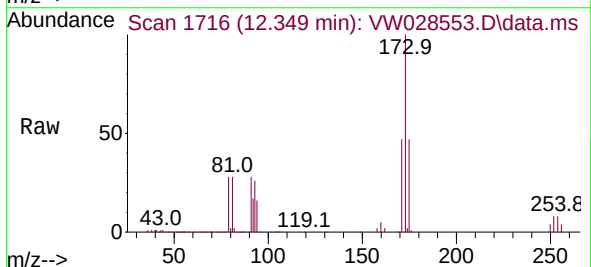
Instrument :
MSVOA_W
ClientSampleId :

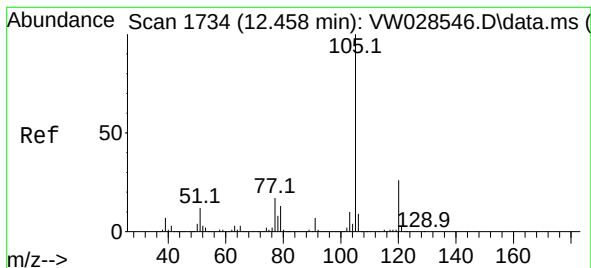
Tgt Ion: 83 Resp: 90992
Ion Ratio Lower Upper
83 100
85 65.6 43.4 80.6
131 8.4 8.0 12.0



#59
Bromoform
Concen: 27.239 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion: 173 Resp: 45207
Ion Ratio Lower Upper
173 100
175 46.4 39.2 58.8
254 9.1 8.3 12.5





#60

Isopropylbenzene

Concen: 25.879 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

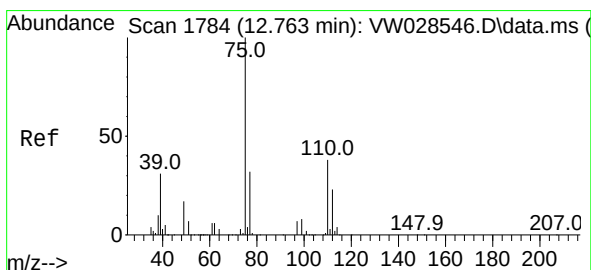
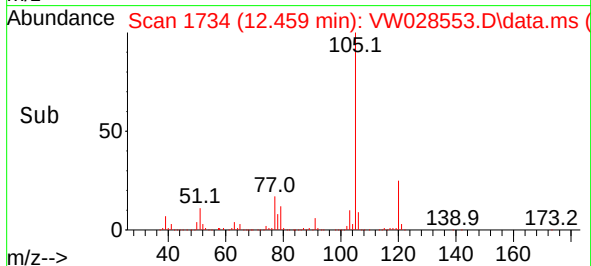
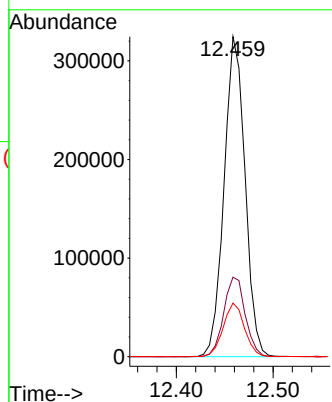
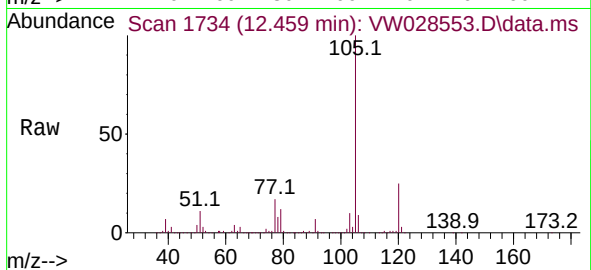
Tgt Ion:105 Resp: 487788

Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 16.9 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 29.252 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

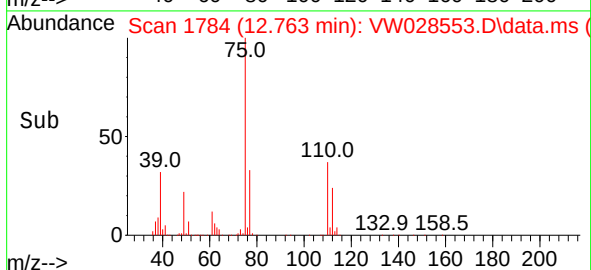
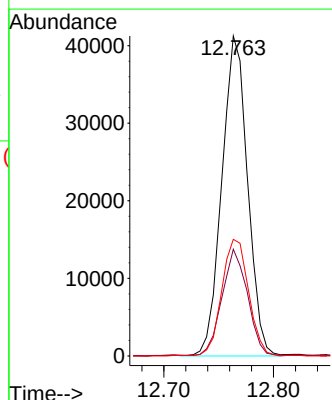
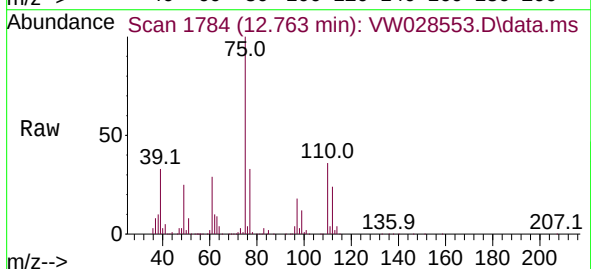
Tgt Ion: 75 Resp: 67241

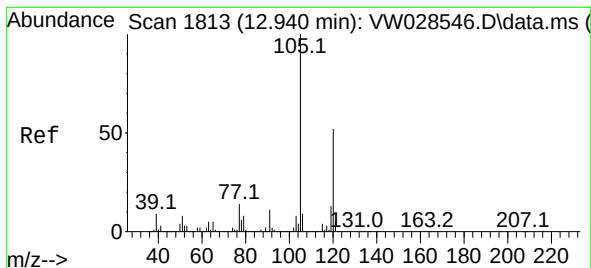
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

110 37.9 30.6 46.0

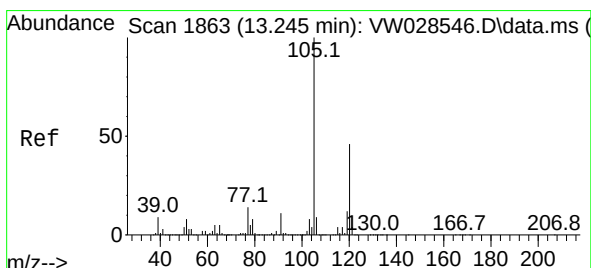
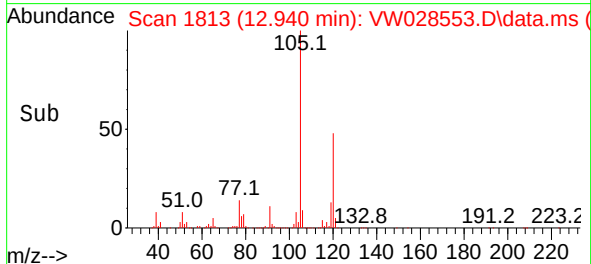
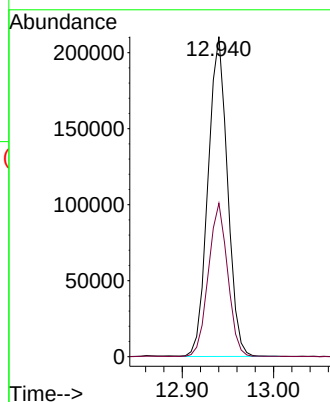
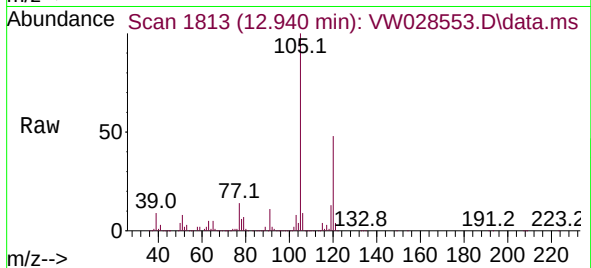




#62
1,3,5-Trimethylbenzene
Concen: 25.859 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

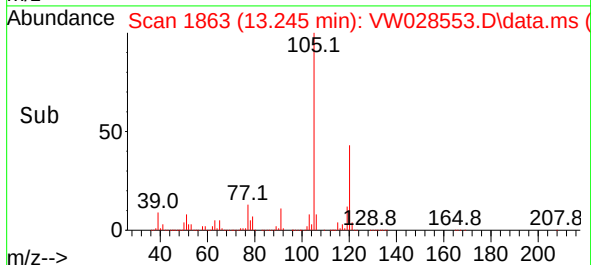
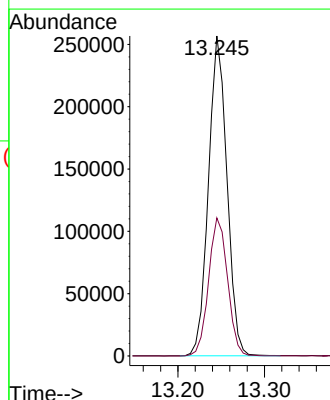
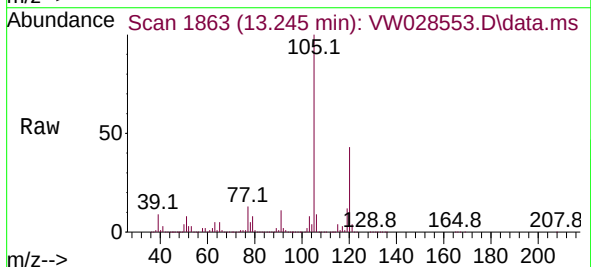
Instrument :
MSVOA_W
ClientSampleId :

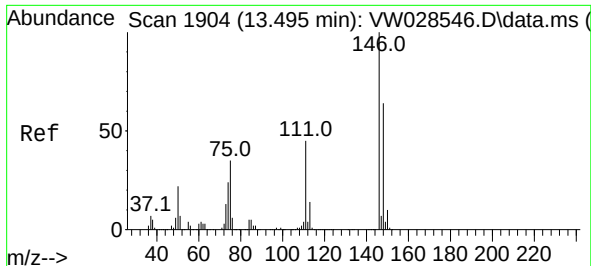
Tgt Ion:105 Resp: 310672
Ion Ratio Lower Upper
105 100
120 47.4 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 26.303 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion:105 Resp: 380295
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 24.349 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :

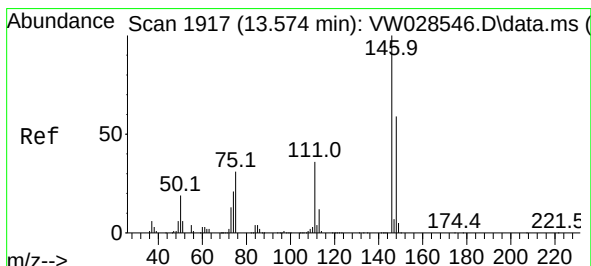
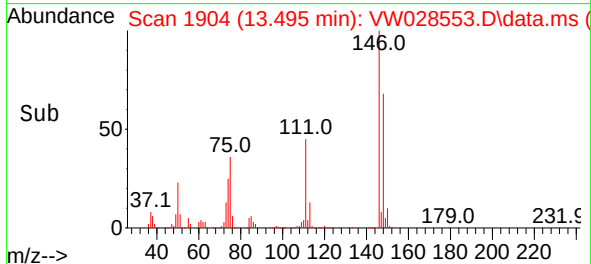
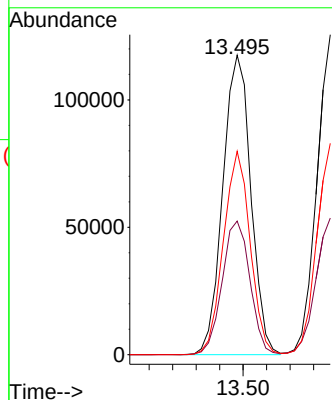
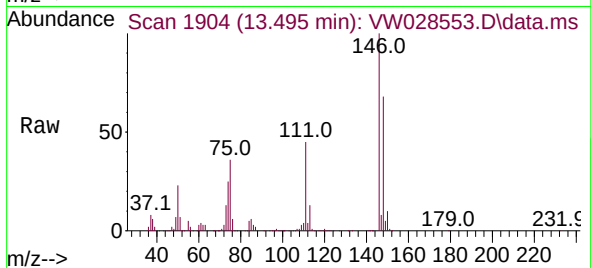
Tgt Ion:146 Resp: 194741

Ion Ratio Lower Upper

146 100

111 44.6 29.8 55.3

148 67.9 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 24.033 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

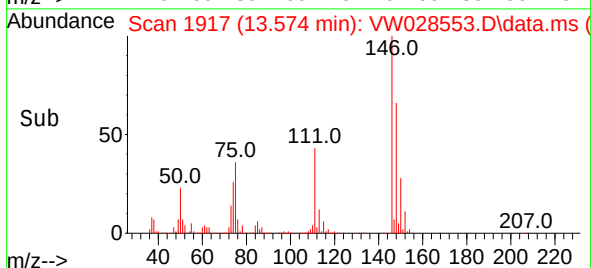
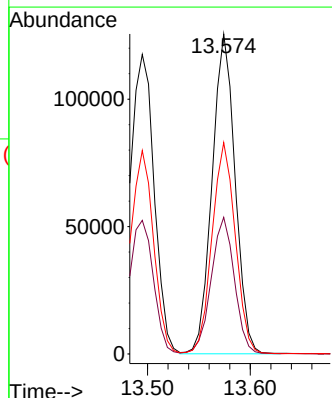
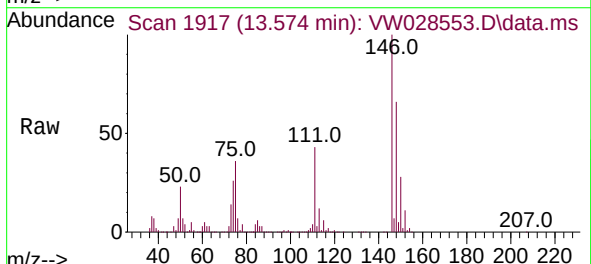
Tgt Ion:146 Resp: 195524

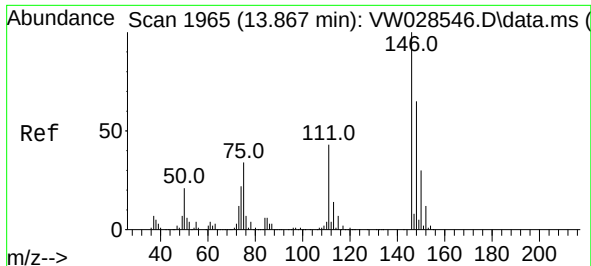
Ion Ratio Lower Upper

146 100

111 42.7 30.3 56.3

148 66.1 47.3 87.8

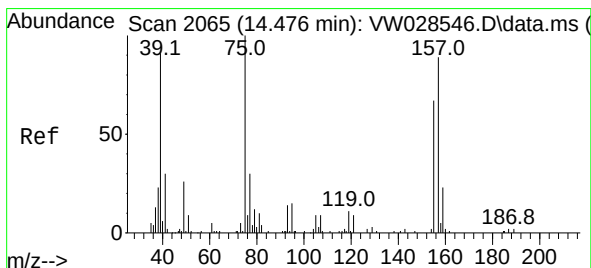
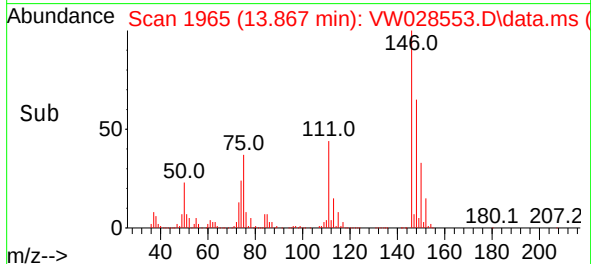
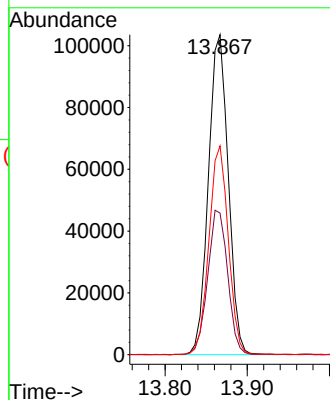
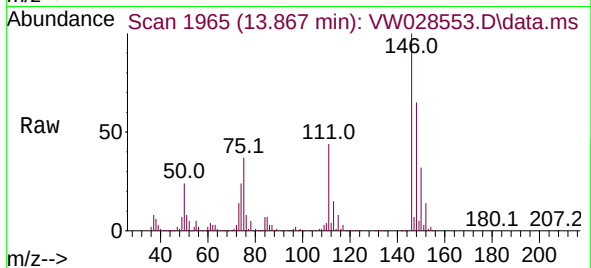




#67
1,2-Dichlorobenzene
Concen: 24.692 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

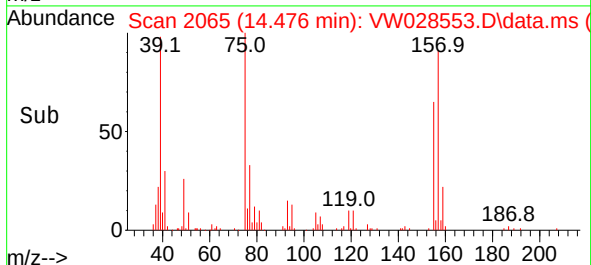
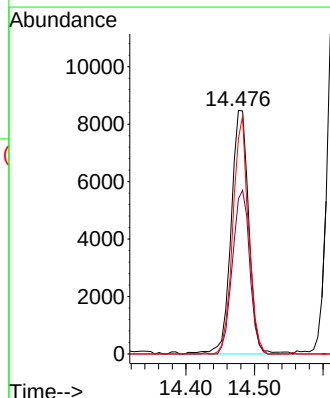
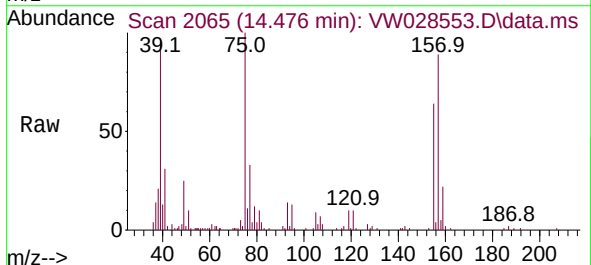
Instrument :
MSVOA_W
ClientSampleId :

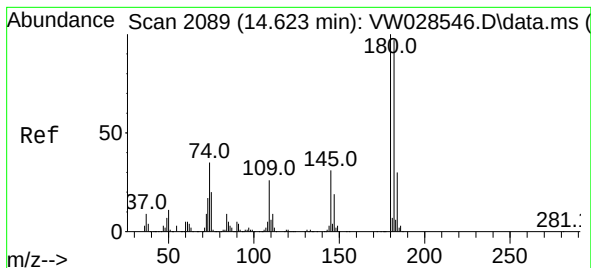
Tgt Ion:146 Resp: 173709
Ion Ratio Lower Upper
146 100
111 44.3 31.4 47.2
148 65.3 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 28.731 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion: 75 Resp: 15134
Ion Ratio Lower Upper
75 100
155 63.7 61.2 91.8
157 88.5 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 23.662 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

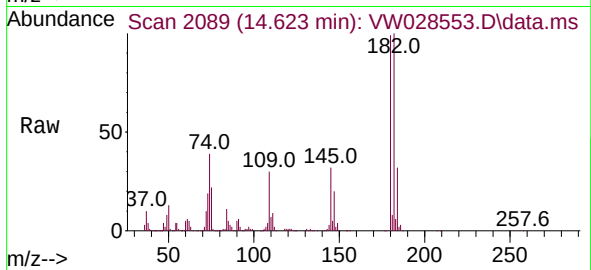
Lab File: VW028553.D

Acq: 01 May 2024 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 130225

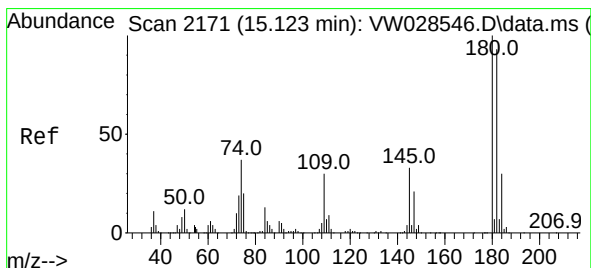
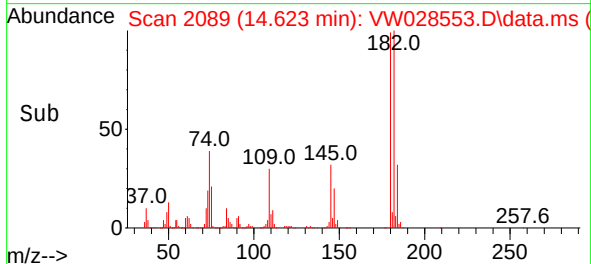
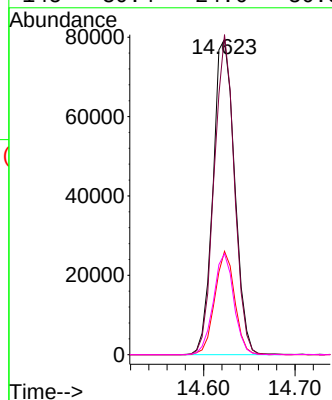
Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.0

184 30.2 24.8 37.2

145 30.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 24.642 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028553.D

Acq: 01 May 2024 08:56

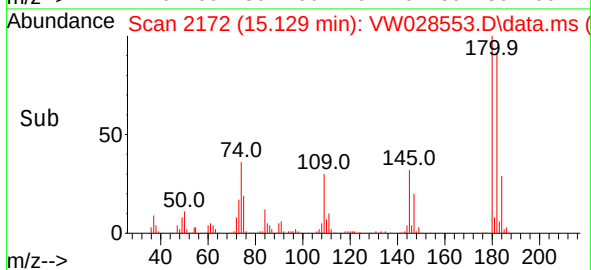
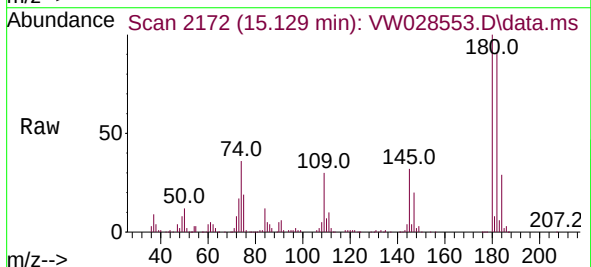
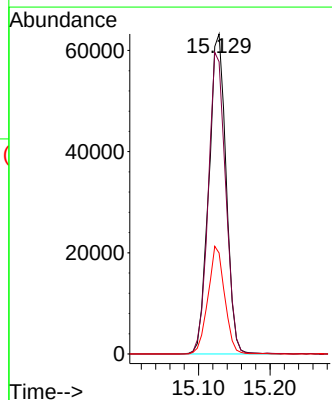
Tgt Ion:180 Resp: 105906

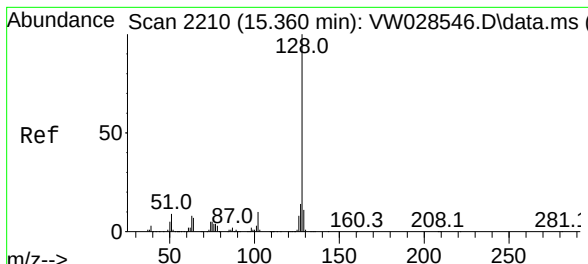
Ion Ratio Lower Upper

180 100

182 95.0 71.5 107.3

145 32.5 23.5 35.3



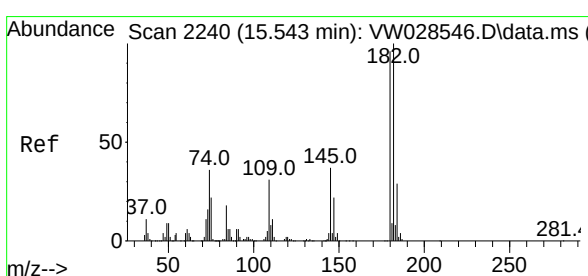
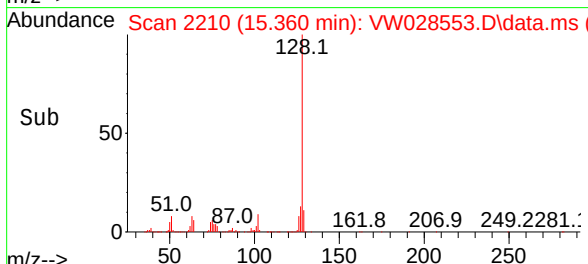
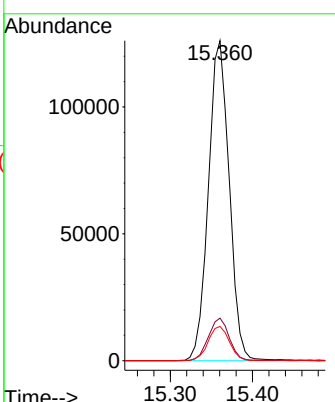
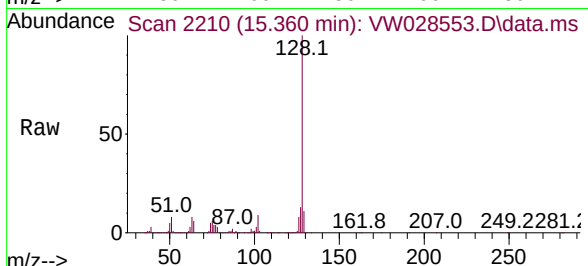


#71
Naphthalene
Concen: 29.157 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 221776

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.0	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.558 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028553.D
Acq: 01 May 2024 08:56

Tgt Ion:180 Resp: 93658

Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.7	113.5
145	35.4	26.2	39.4

