

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022008.D
 Acq On : 01 Feb 2022 13:55
 Operator : SY/VA
 Sample : VSTD00551
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005451

Quant Time: Feb 02 00:24:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	167532	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	149387	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	10317	5.113	ug/L	0.00
7) Chloroethane-d5	2.885	69	7326	4.716	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	18092	5.074	ug/L	0.00
21) 2-Butanone-d5	7.165	46	54	0.152	ug/L	0.09
24) Chloroform-d	7.653	84	20248	5.195	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	10324	5.324	ug/L	0.00
32) Benzene-d6	8.281	84	39094	5.179	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	10991	5.353	ug/L	0.00
41) Toluene-d8	10.323	98	38598	5.159	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4326	4.810	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2595	8.692	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	8635	5.156	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	14377	5.238	ug/L	0.00
Target Compounds						
						Qvalue
3) Chloromethane	2.215	50	9111	5.175	ug/L	100
5) Vinyl chloride	2.361	62	13426	5.309	ug/L	97
6) Bromomethane	2.782	94	12040	5.599	ug/L	96
8) Chloroethane	2.922	64	6597	5.077	ug/L	97
9) Trichlorofluoromethane	3.263	101	10431	5.464	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	10755	5.317	ug/L	100
12) 1,1-Dichloroethene	4.038	96	9700	5.197	ug/L	94
13) Acetone	4.135	43	2800	8.341	ug/L	66
14) Carbon disulfide	4.385	76	26763	4.915	ug/L	98
15) Methyl Acetate	4.684	43	3060	5.006	ug/L #	71
16) Methylene chloride	4.916	84	10571	5.415	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	10748	5.164	ug/L	90
18) Methyl tert-butyl Ether	5.434	73	13655	5.116	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	17021	5.278	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	10770	5.042	ug/L	97
22) 2-Butanone	7.183	43	2271	5.253	ug/L	96
23) Bromochloromethane	7.513	128	5623	5.346	ug/L	85
25) Chloroform	7.677	83	18956	5.193	ug/L	96
27) 1,2-Dichloroethane	8.403	62	10860	5.045	ug/L	95
29) Cyclohexane	7.958	56	14591	4.976	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	17384	5.258	ug/L	100
31) Carbon tetrachloride	8.067	117	16768	5.182	ug/L	99
33) Benzene	8.323	78	41562	5.306	ug/L	100
34) Trichloroethene	9.098	95	11833	5.314	ug/L	92
35) Methylcyclohexane	9.335	83	19174	5.104	ug/L	100
37) 1,2-Dichloropropane	9.372	63	8905	5.177	ug/L	99
38) Bromodichloromethane	9.646	83	12118	4.933	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	13422	4.865	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	7738	9.168	ug/L	99
42) Toluene	10.390	91	45183	5.089	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	11205	4.711	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	7713	5.275	ug/L	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

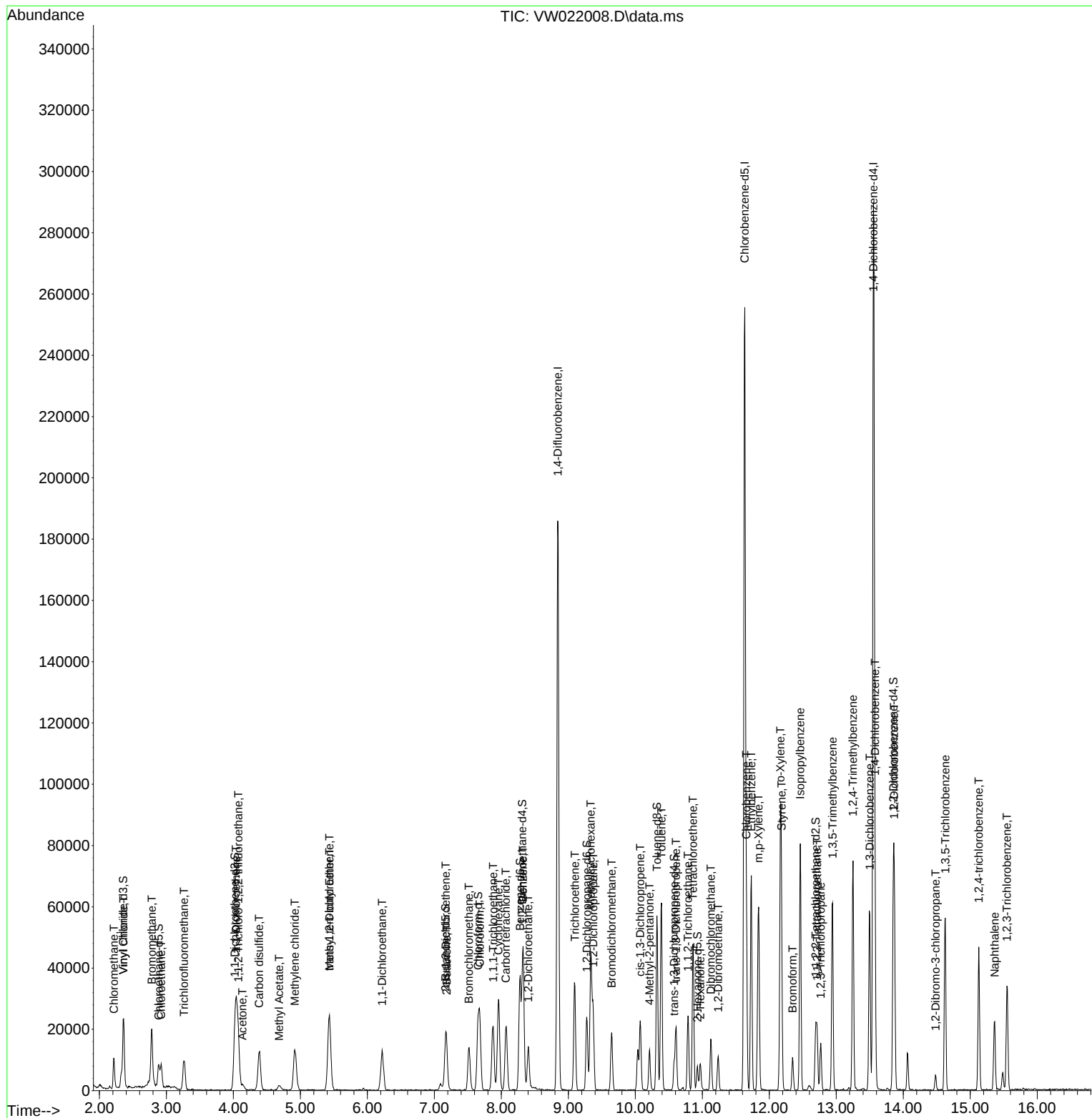
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.860	164	10944	5.272	ug/L	87
48) 2-Hexanone	10.969	43	5302	8.443	ug/L	98
49) Dibromochloromethane	11.128	129	8662	4.704	ug/L	87
50) 1,2-Dibromoethane	11.238	107	7249	5.007	ug/L #	98
51) Chlorobenzene	11.658	112	30983	5.128	ug/L	95
52) Ethylbenzene	11.731	91	49635	5.067	ug/L	98
53) m,p-Xylene	11.841	106	20900	5.142	ug/L	95
54) o-Xylene	12.164	106	18913	4.975	ug/L	94
55) Styrene	12.182	104	29865	4.863	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	8010	5.033	ug/L #	96
59) Bromoform	12.347	173	4803	4.780	ug/L #	93
60) Isopropylbenzene	12.463	105	51801	5.211	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	5977	5.392	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	33907	5.143	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	41230	5.133	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	25762	5.409	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	26185	5.492	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	22633	5.347	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1255	5.565	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	17238	5.034	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	13755	5.057	ug/L	97
71) Naphthalene	15.365	128	20153	4.541	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	11380	4.895	ug/L	96

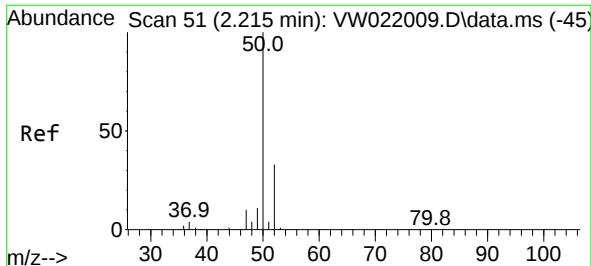
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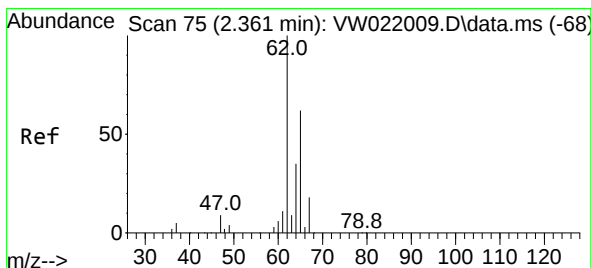
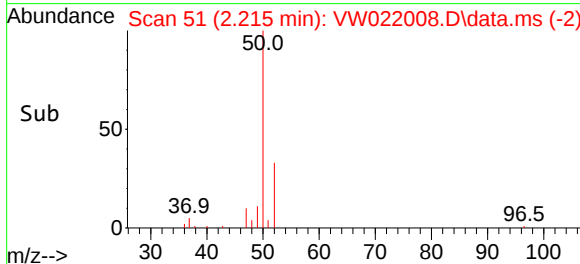
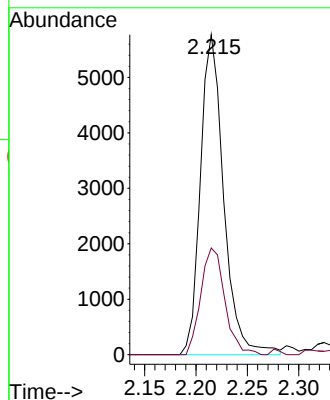
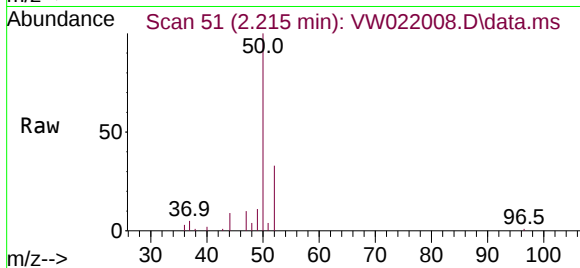




#3
Chloromethane
Concen: 5.175 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

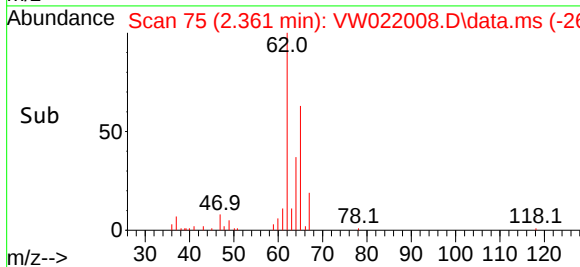
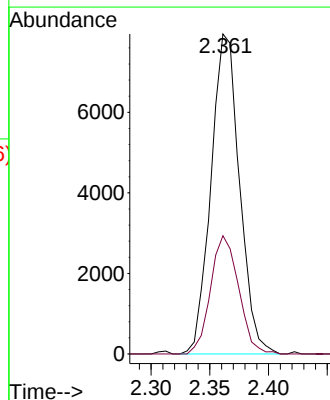
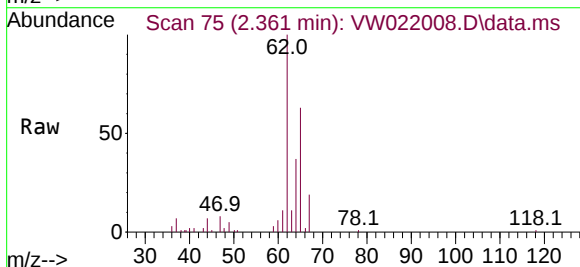
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

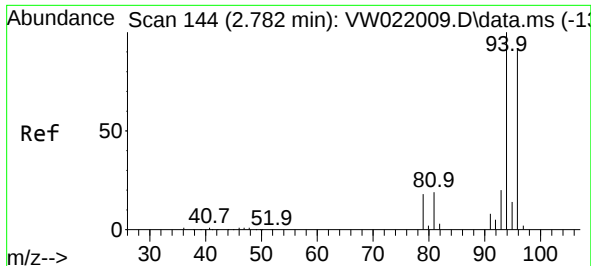
Tgt Ion: 50 Resp: 9111
Ion Ratio Lower Upper
50 100
52 33.3 23.3 43.3



#5
Vinyl chloride
Concen: 5.309 ug/L
RT: 2.361 min Scan# 75
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 62 Resp: 13426
Ion Ratio Lower Upper
62 100
64 36.9 24.6 45.6

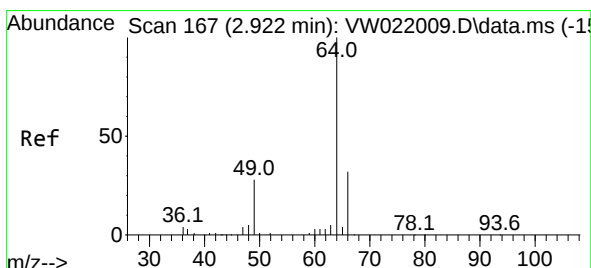
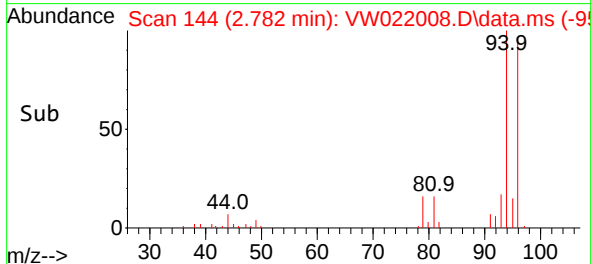
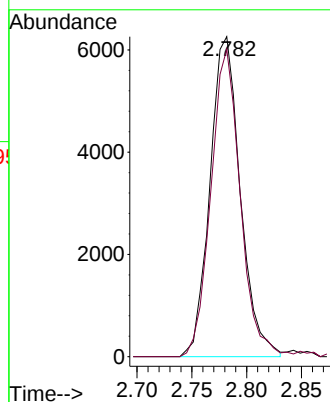
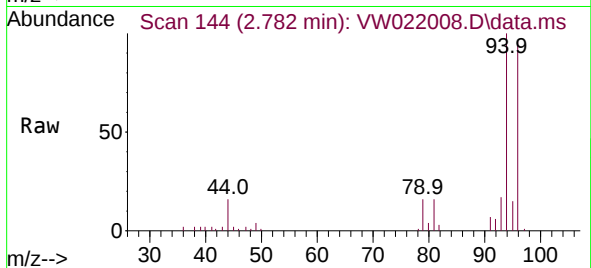




#6
Bromomethane
Concen: 5.599 ug/L
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

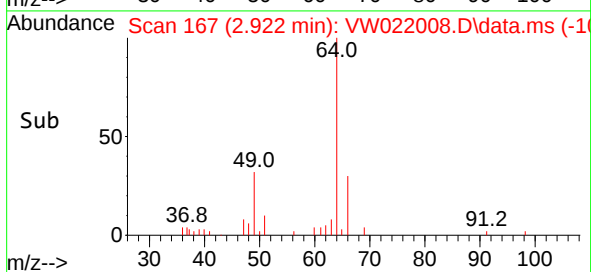
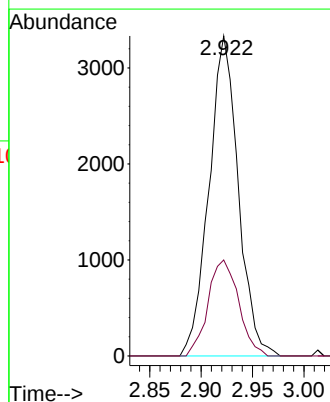
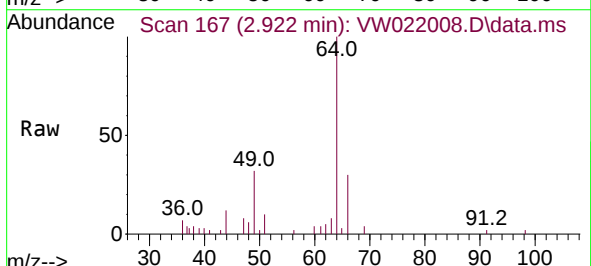
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

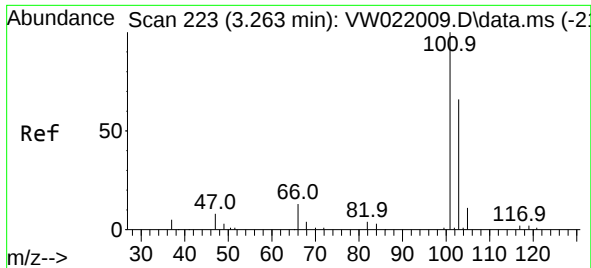
Tgt Ion: 94 Resp: 12040
Ion Ratio Lower Upper
94 100
96 96.1 64.6 120.0



#8
Chloroethane
Concen: 5.077 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 64 Resp: 6597
Ion Ratio Lower Upper
64 100
66 30.0 22.3 41.5

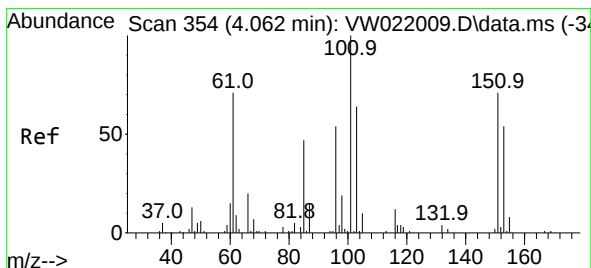
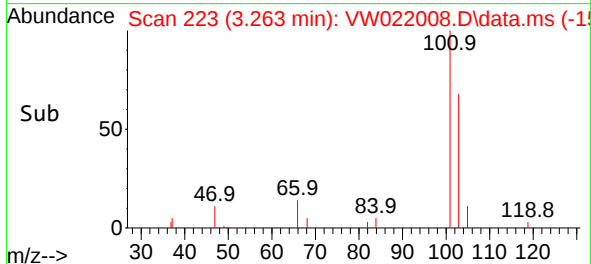
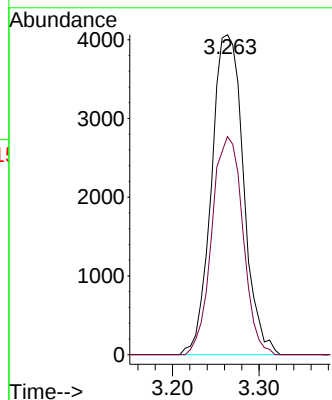
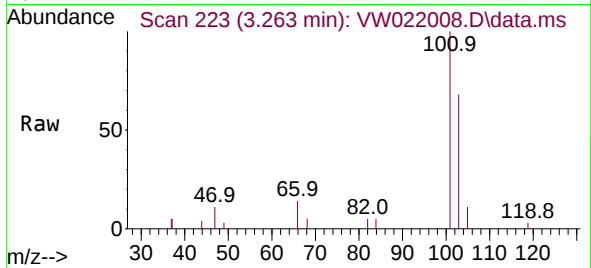




#9
 Trichlorofluoromethane
 Concen: 5.464 ug/L
 RT: 3.263 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

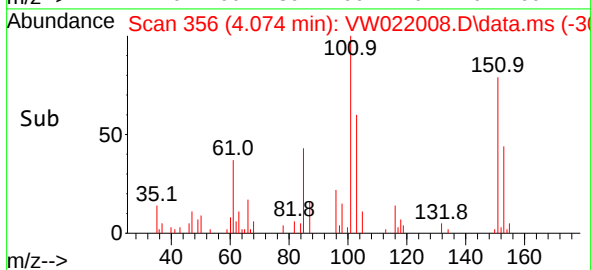
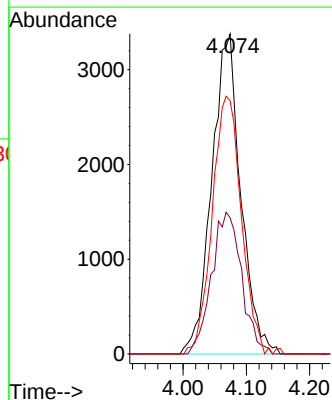
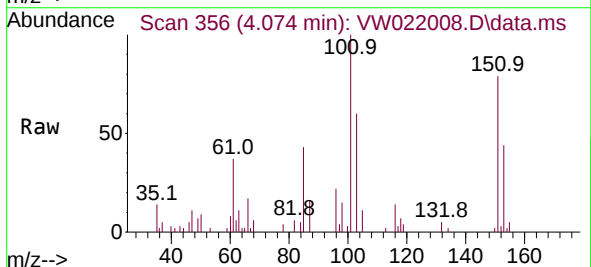
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005451

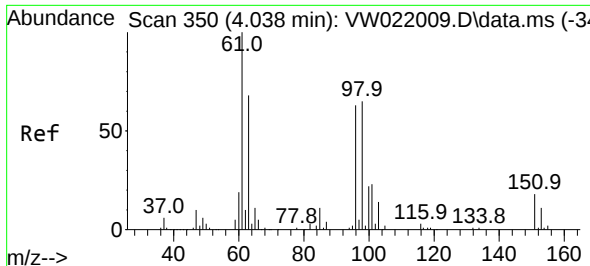
Tgt Ion:101 Resp: 10431
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.9 79.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.317 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.012 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

Tgt Ion:101 Resp: 10755
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.8 55.2
 151 80.5 64.1 96.1



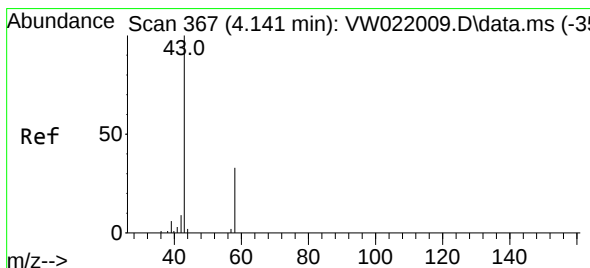
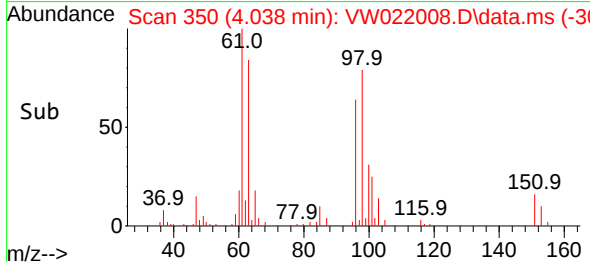
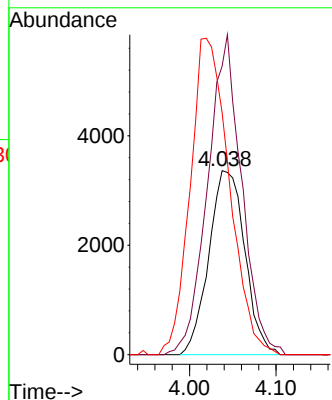
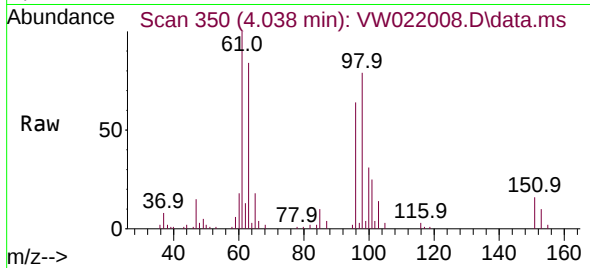


#12
 1,1-Dichloroethene
 Concen: 5.197 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

Instrument :
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 ClientSampleId :
 VSTD005451

Tgt Ion: 96 Resp: 9700

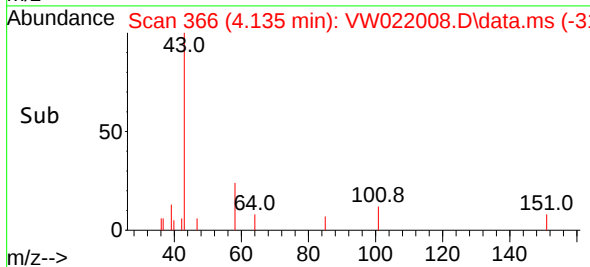
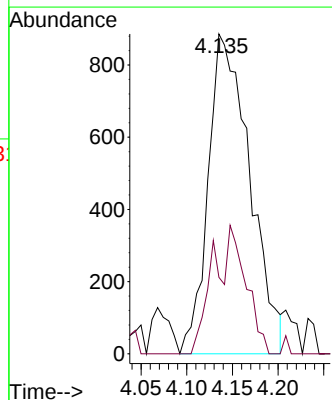
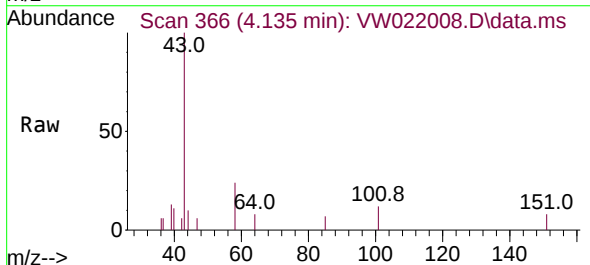
Ion	Ratio	Lower	Upper
96	100		
61	156.8	111.5	207.1
63	131.5	83.1	154.3

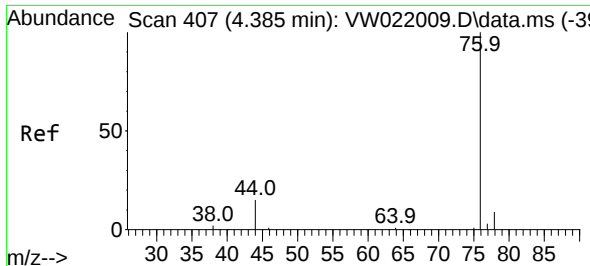


#13
 Acetone
 Concen: 8.341 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. -0.006 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

Tgt Ion: 43 Resp: 2800

Ion	Ratio	Lower	Upper
43	100		
58	13.7	0.0	66.0

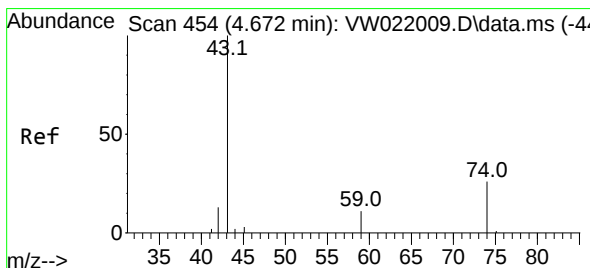
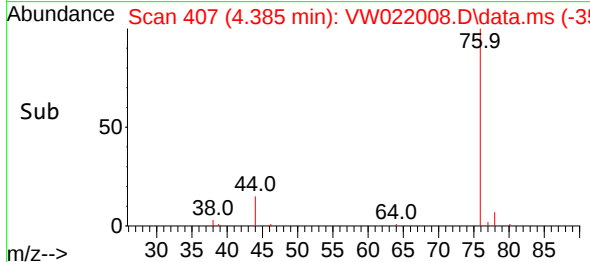
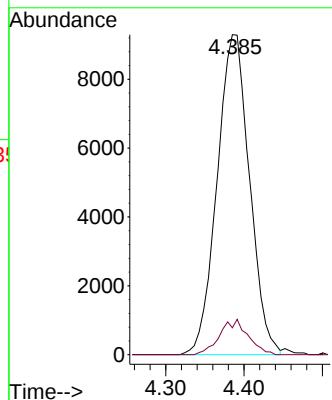
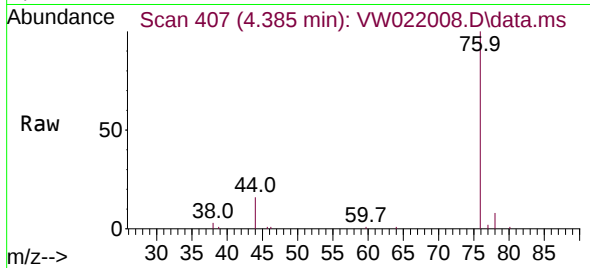




#14
Carbon disulfide
Concen: 4.915 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022008.D
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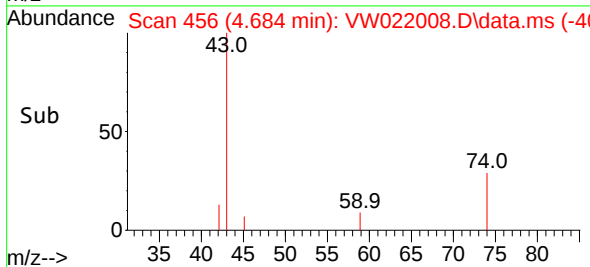
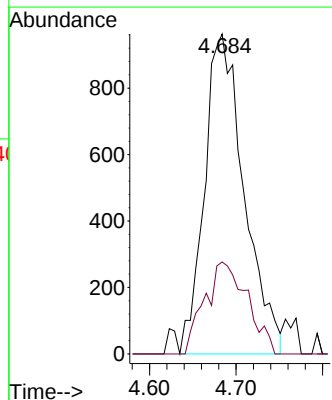
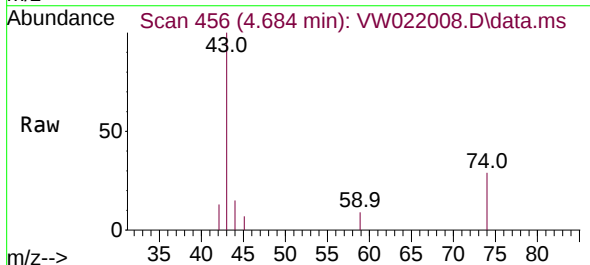
Instrument :
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ClientSampleId :
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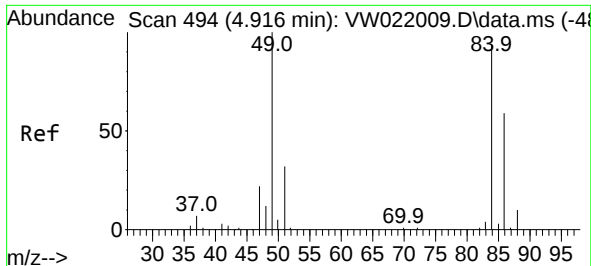
Tgt Ion: 76 Resp: 26763
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#15
Methyl Acetate
Concen: 5.006 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
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Acq: 01 Feb 2022 13:55

Tgt Ion: 43 Resp: 3060
Ion Ratio Lower Upper
43 100
74 8.7 18.0 27.0#

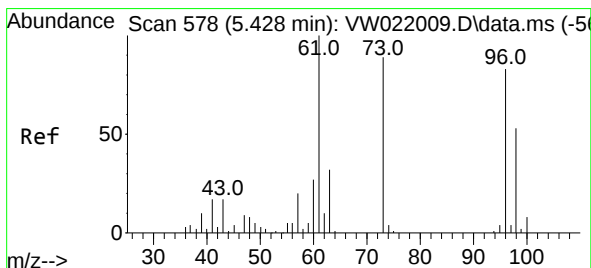
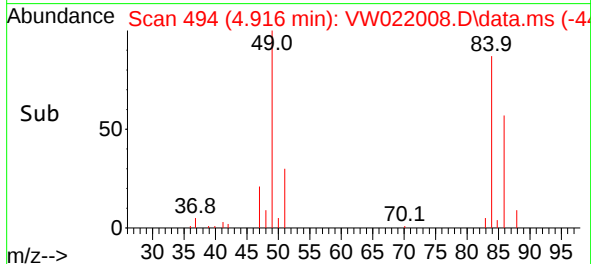
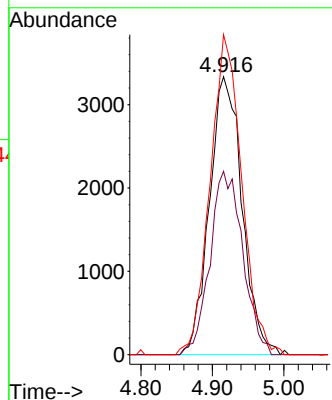
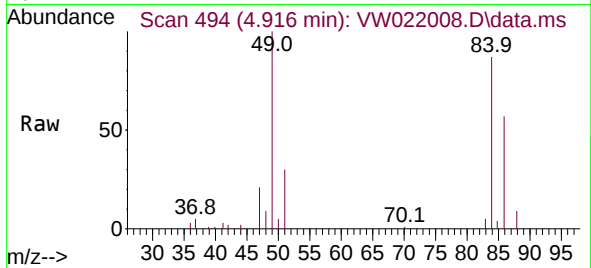




#16
Methylene chloride
Concen: 5.415 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

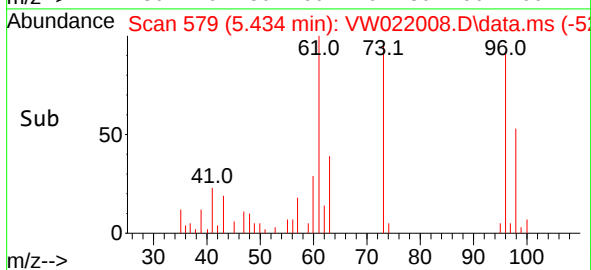
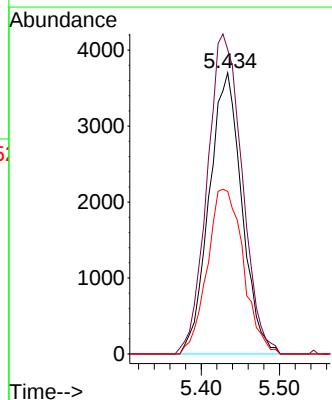
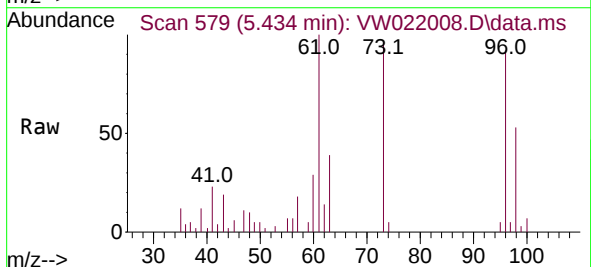
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

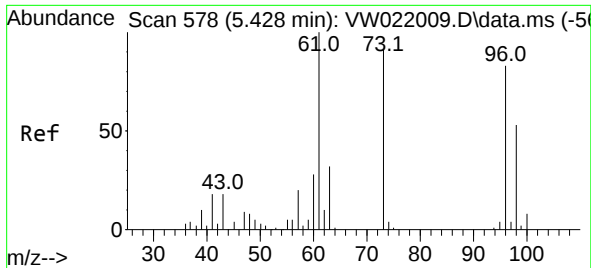
Tgt Ion: 84 Resp: 10571
Ion Ratio Lower Upper
84 100
86 65.9 44.1 81.9
49 115.1 74.7 138.7



#17
trans-1,2-Dichloroethene
Concen: 5.164 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 96 Resp: 10748
Ion Ratio Lower Upper
96 100
61 108.2 84.3 156.5
98 57.8 44.6 82.8

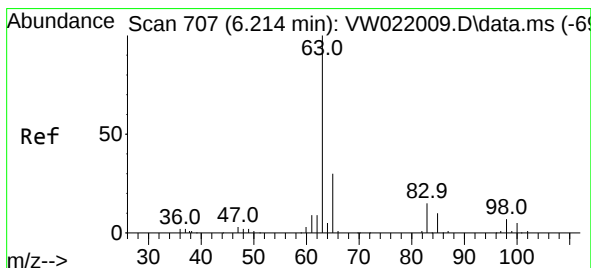
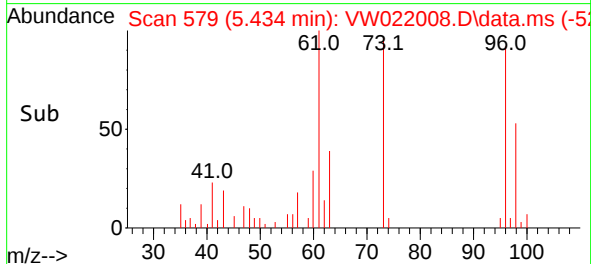
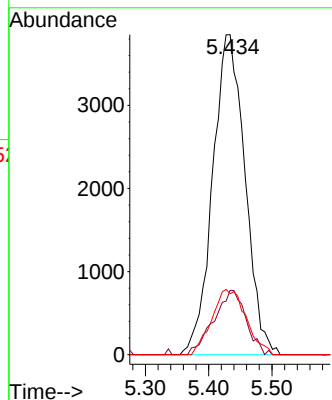
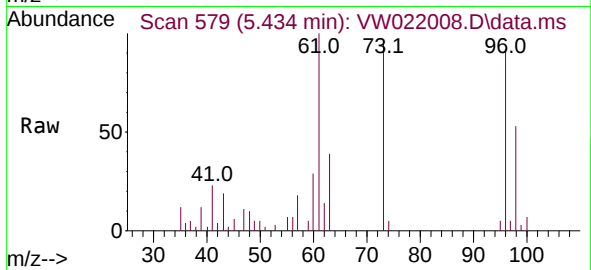




#18
Methyl tert-butyl Ether
Concen: 5.116 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

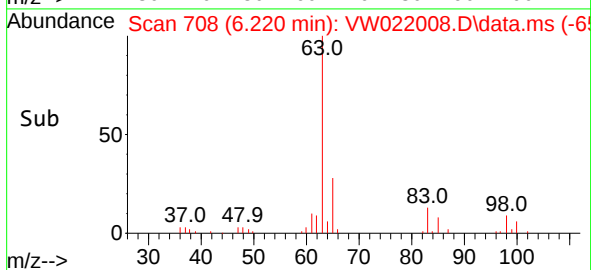
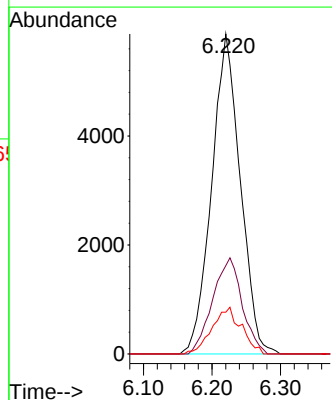
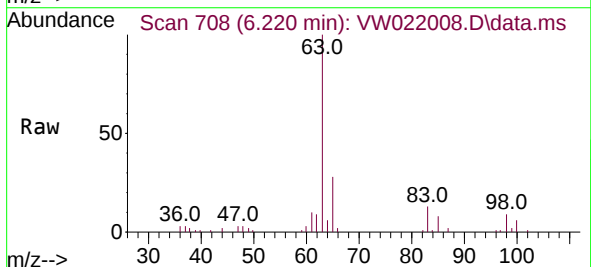
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

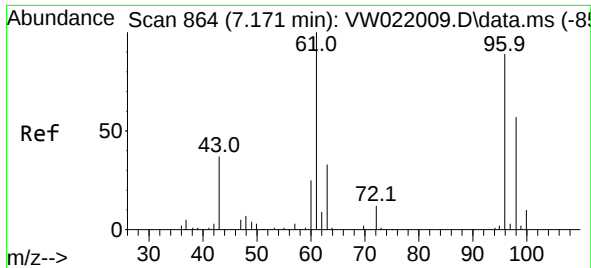
Tgt Ion: 73 Resp: 13655
Ion Ratio Lower Upper
73 100
43 19.9 15.3 22.9
57 12.2 16.3 24.5#



#19
1,1-Dichloroethane
Concen: 5.278 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 63 Resp: 17021
Ion Ratio Lower Upper
63 100
65 27.6 20.9 38.7
83 13.1 10.2 19.0



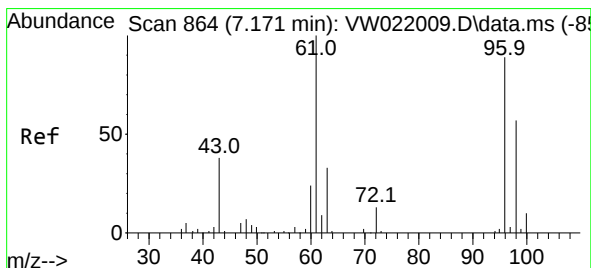
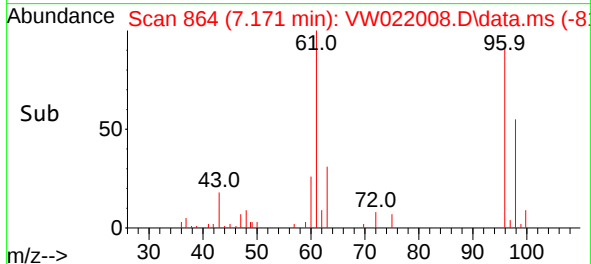
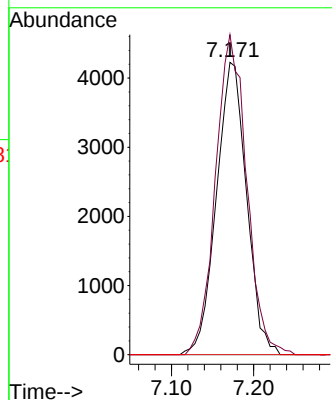
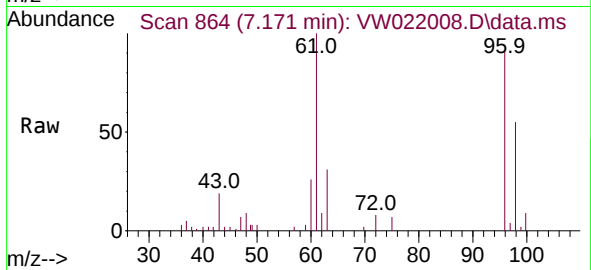


#20
 cis-1,2-Dichloroethene
 Concen: 5.042 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005451

Tgt Ion: 96 Resp: 10770

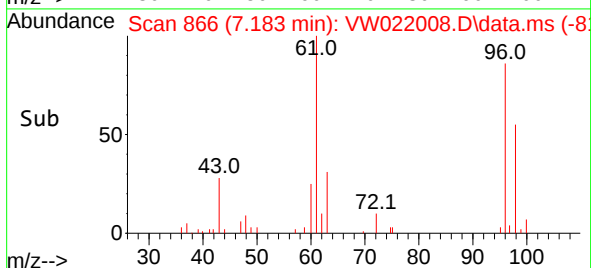
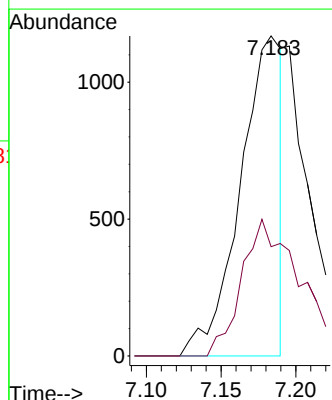
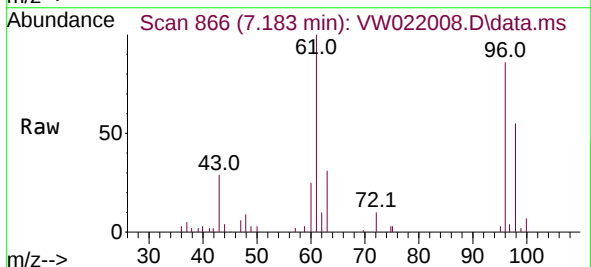
Ion	Ratio	Lower	Upper
96	100		
61	109.5	79.0	146.8
68	0.0	0.0	0.0

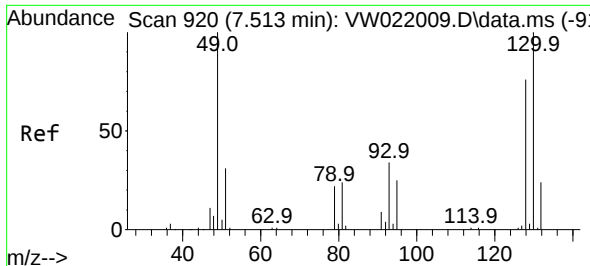


#22
 2-Butanone
 Concen: 5.253 ug/L
 RT: 7.183 min Scan# 866
 Delta R.T. 0.012 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

Tgt Ion: 43 Resp: 2271

Ion	Ratio	Lower	Upper
43	100		
72	31.2	16.8	50.4

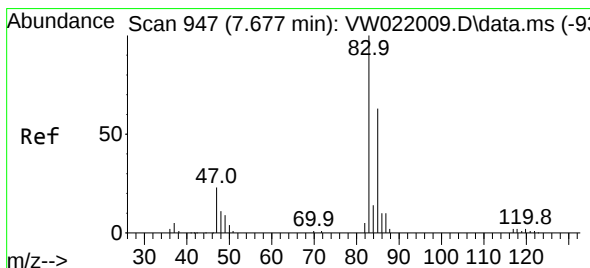
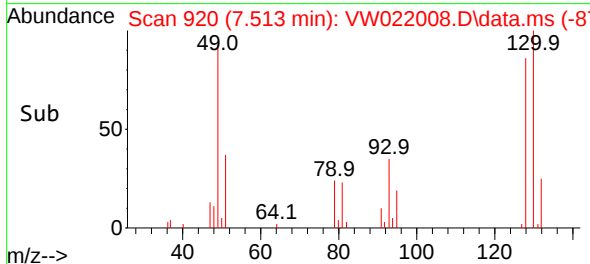
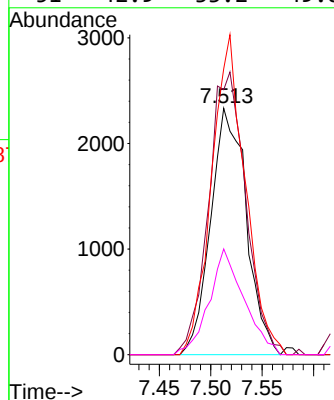
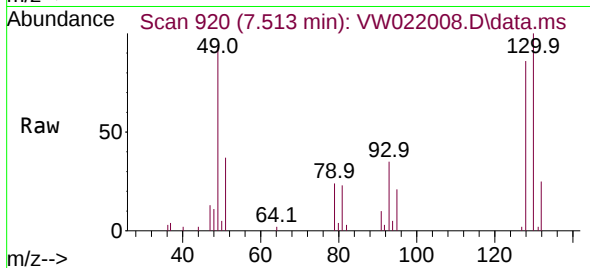




#23
Bromochloromethane
Concen: 5.346 ug/L
RT: 7.513 min Scan# 912
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

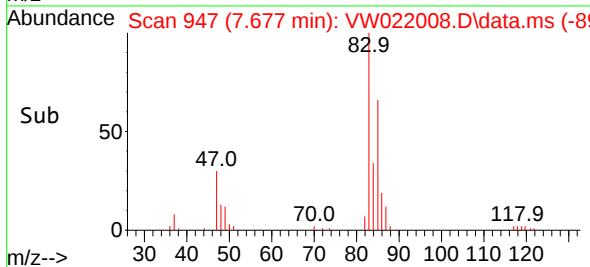
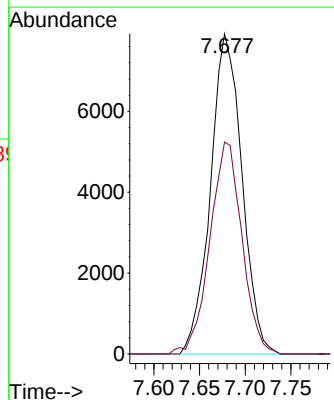
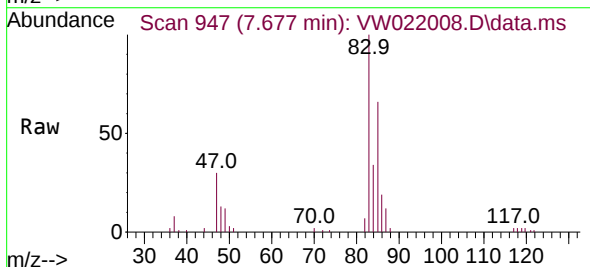
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

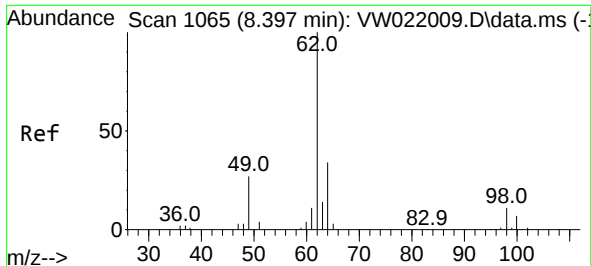
Tgt Ion:	128	Resp:	5623
Ion	Ratio	Lower	Upper
128	100		
49	107.5	92.7	172.3
130	116.0	92.5	171.7
51	42.9	33.2	49.8



#25
Chloroform
Concen: 5.193 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion:	83	Resp:	18956
Ion	Ratio	Lower	Upper
83	100		
85	66.2	44.2	82.2





#27

1,2-Dichloroethane

Concen: 5.045 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

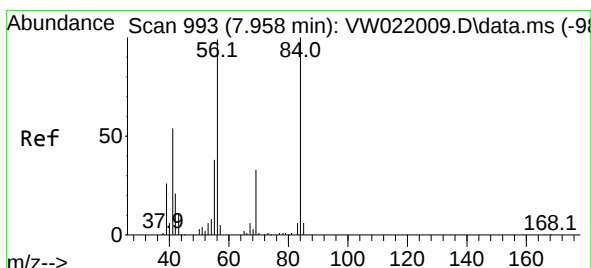
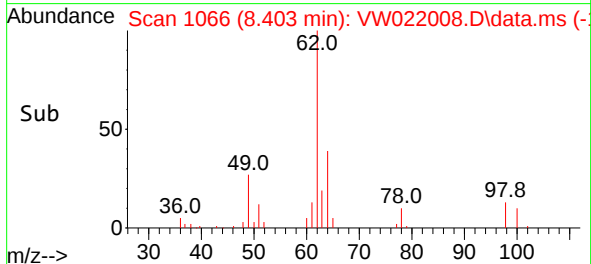
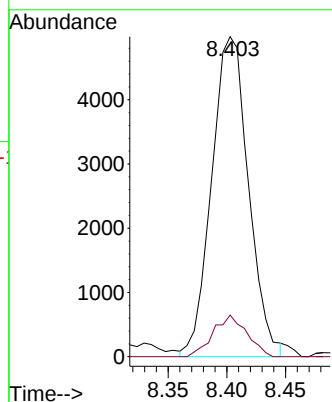
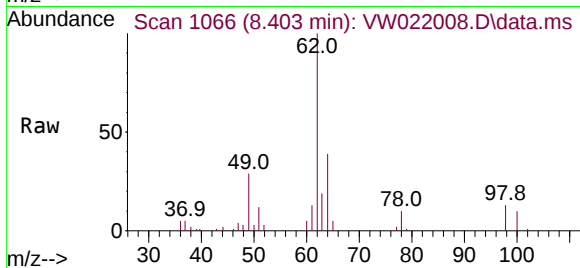
VSTD005451

Tgt Ion: 62 Resp: 10860

Ion Ratio Lower Upper

62 100

98 13.0 8.8 13.2



#29

Cyclohexane

Concen: 4.976 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

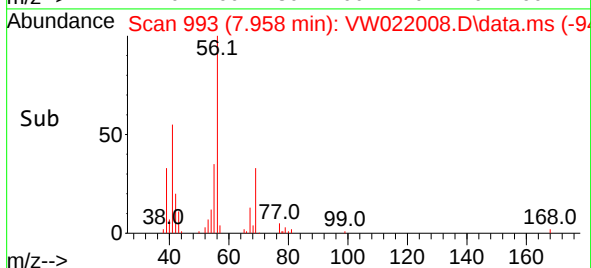
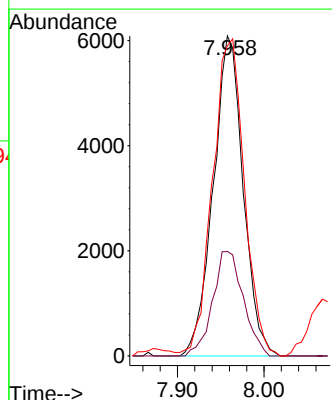
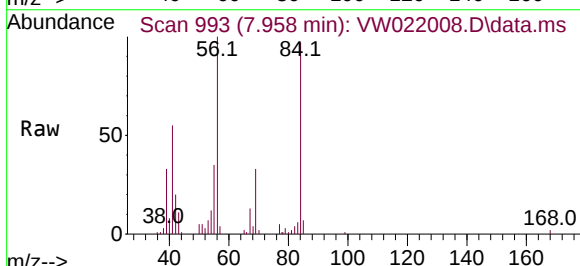
Tgt Ion: 56 Resp: 14591

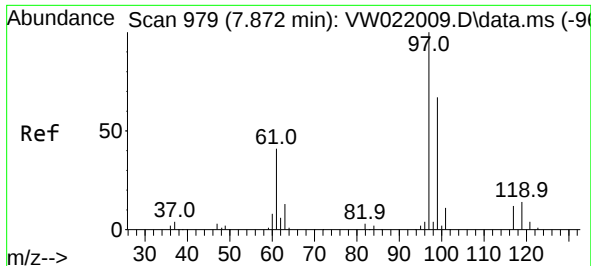
Ion Ratio Lower Upper

56 100

69 33.5 26.3 39.5

84 105.3 82.3 123.5





#30

1,1,1-Trichloroethane

Concen: 5.258 ug/L

RT: 7.878 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

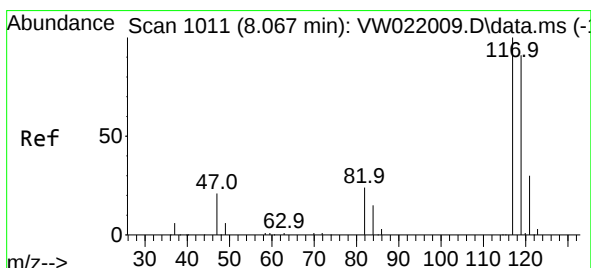
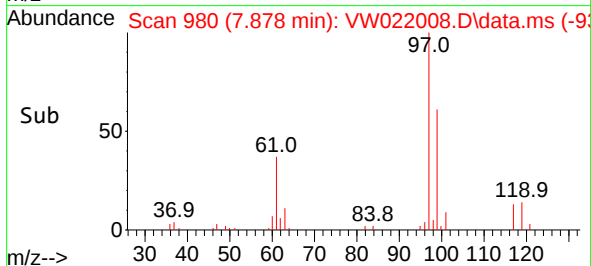
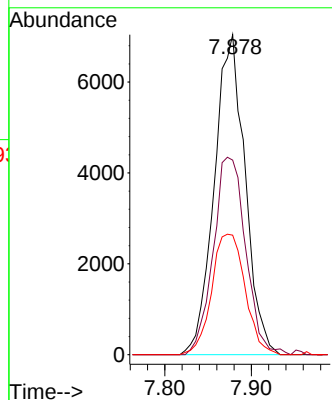
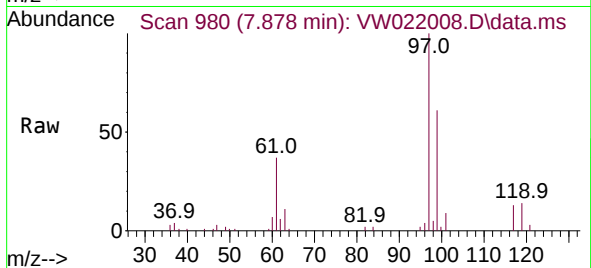
Tgt Ion: 97 Resp: 17384

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 40.9 32.3 48.5



#31

Carbon tetrachloride

Concen: 5.182 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022008.D

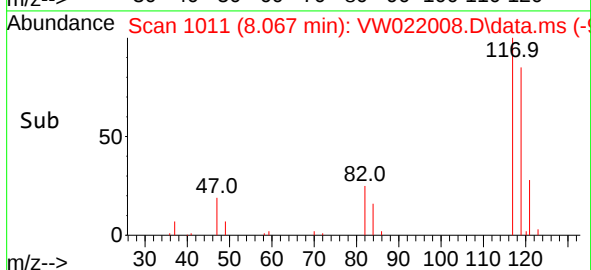
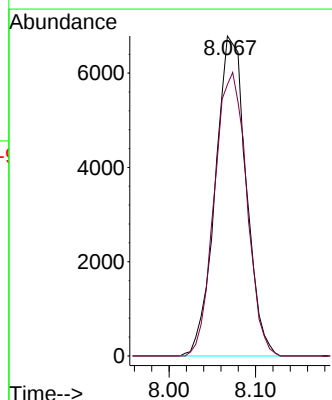
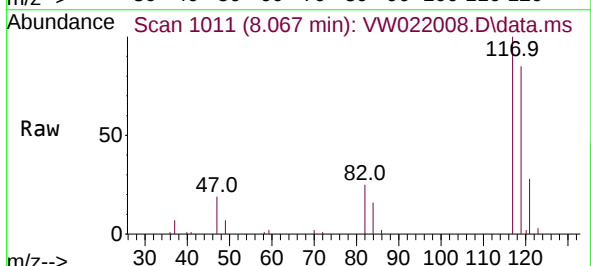
Acq: 01 Feb 2022 13:55

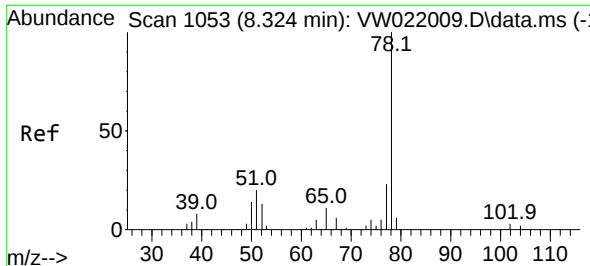
Tgt Ion: 117 Resp: 16768

Ion Ratio Lower Upper

117 100

119 92.8 74.7 112.1

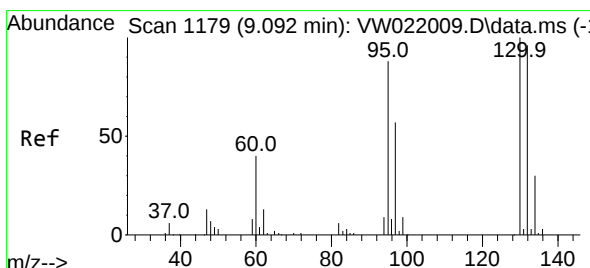
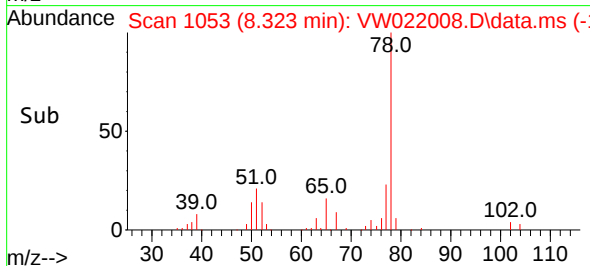
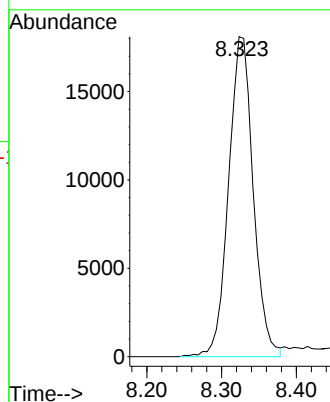
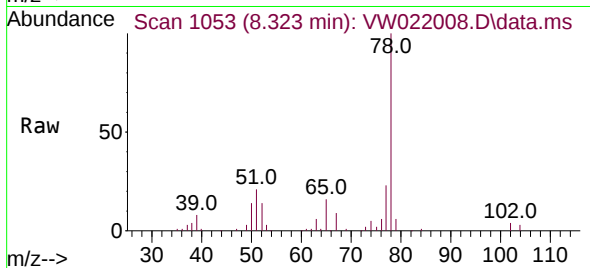




#33
Benzene
Concen: 5.306 ug/L
RT: 8.323 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

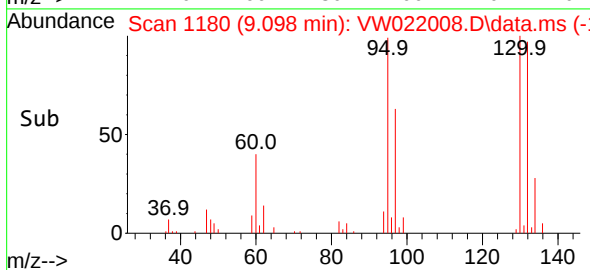
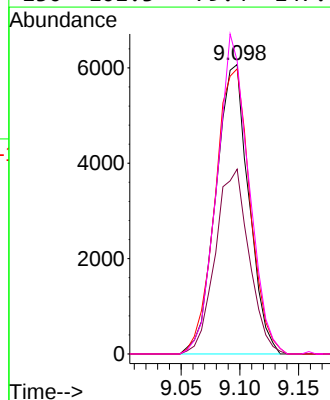
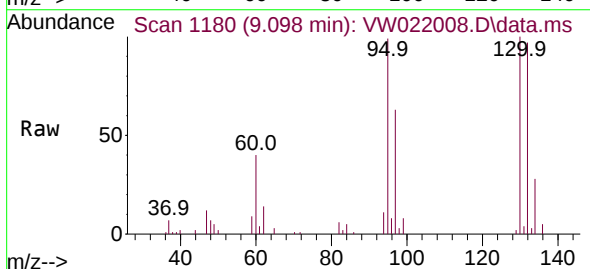
Tgt Ion: 78 Resp: 41562

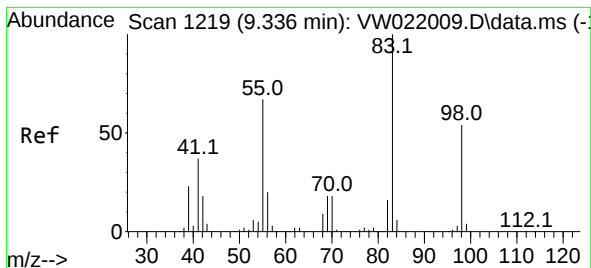


#34
Trichloroethene
Concen: 5.314 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 95 Resp: 11833

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.1	83.7
132	98.5	76.1	141.3
130	101.3	79.4	147.4





#35

Methylcyclohexane

Concen: 5.104 ug/L

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

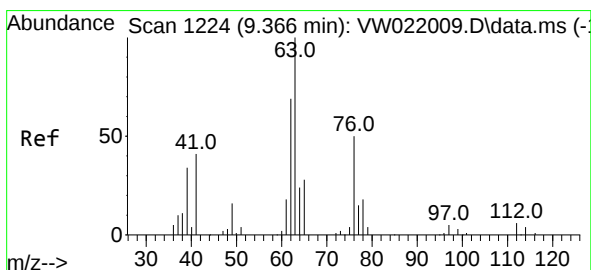
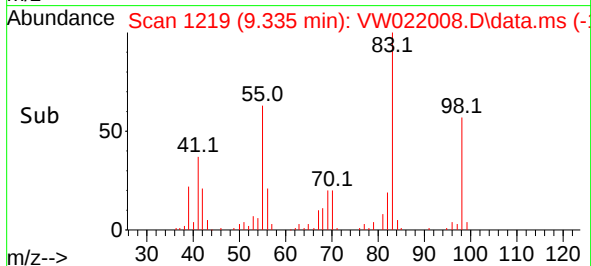
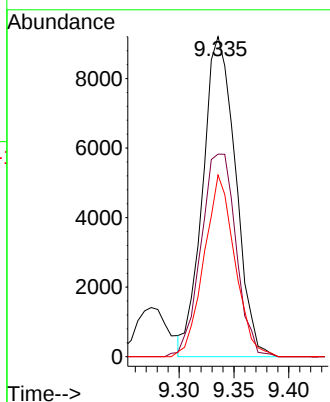
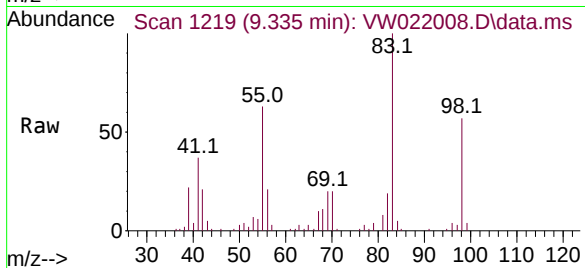
Tgt Ion: 83 Resp: 19174

Ion Ratio Lower Upper

83 100

55 67.4 53.4 80.2

98 53.3 42.6 63.8



#37

1,2-Dichloropropane

Concen: 5.177 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VW022008.D

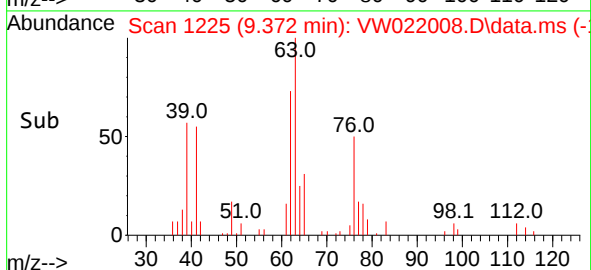
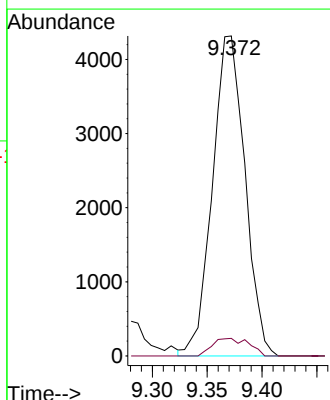
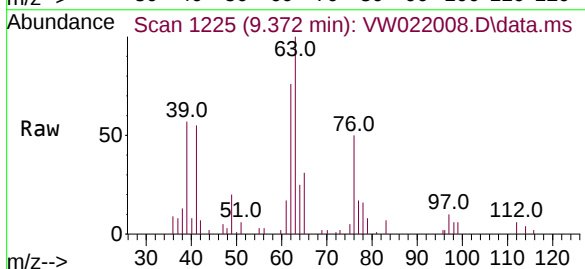
Acq: 01 Feb 2022 13:55

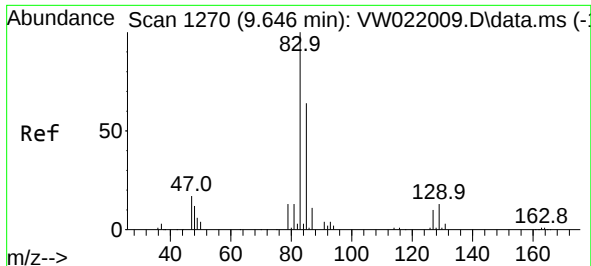
Tgt Ion: 63 Resp: 8905

Ion Ratio Lower Upper

63 100

112 6.2 4.7 7.1

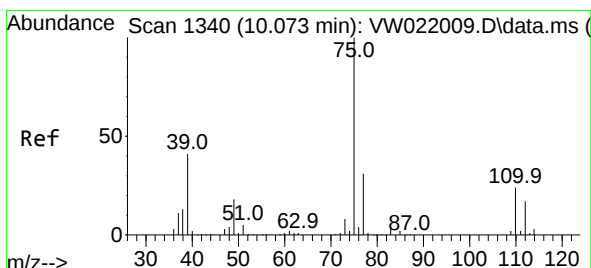
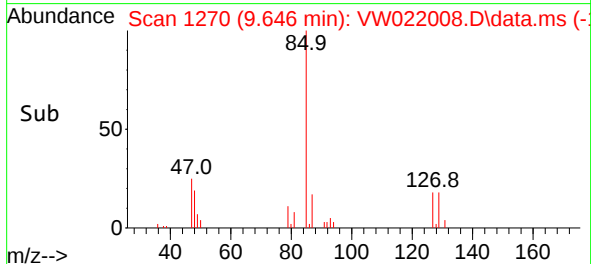
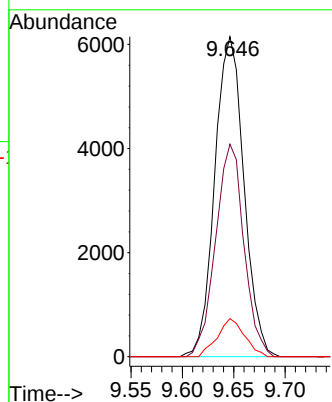
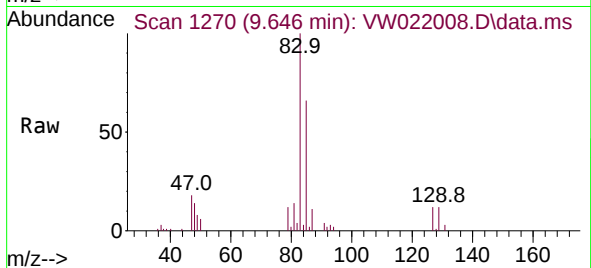




#38
Bromodichloromethane
Concen: 4.933 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

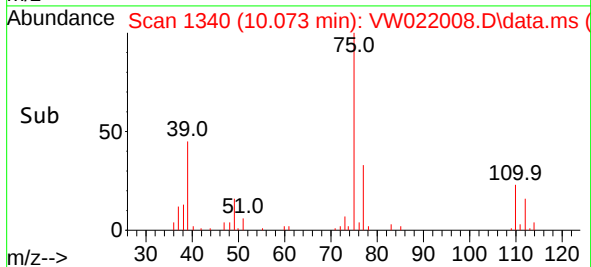
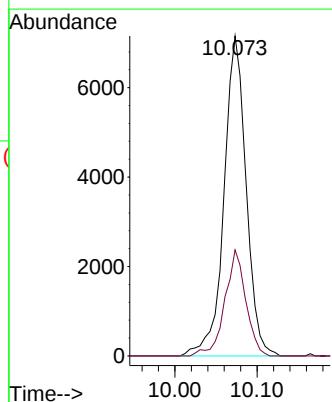
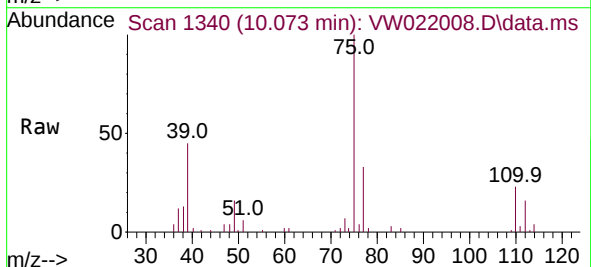
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

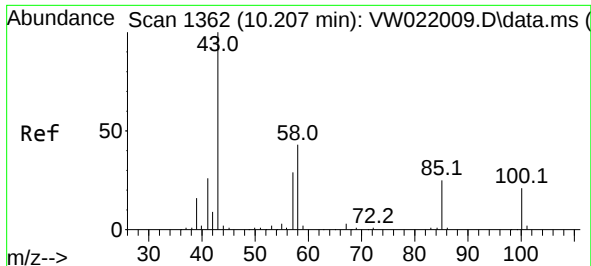
Tgt Ion: 83 Resp: 12118
Ion Ratio Lower Upper
83 100
85 66.4 44.7 83.1
127 11.9 7.8 11.6#



#39
cis-1,3-Dichloropropene
Concen: 4.865 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 75 Resp: 13422
Ion Ratio Lower Upper
75 100
77 33.1 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 9.168 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

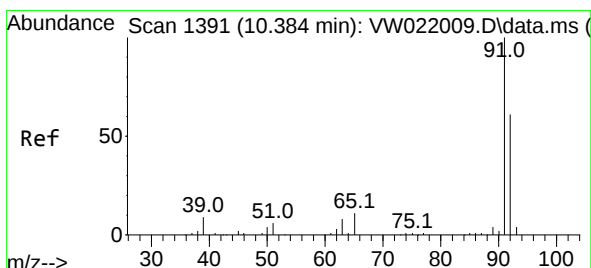
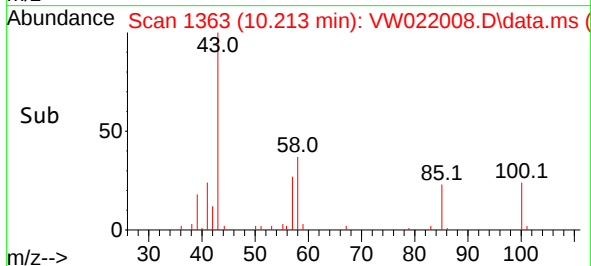
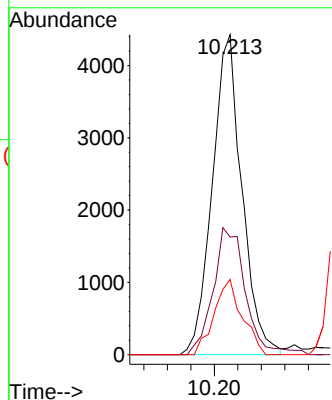
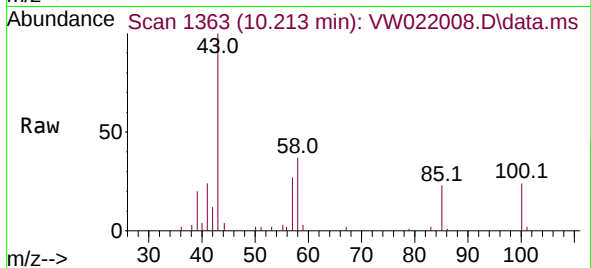
Tgt Ion: 43 Resp: 7738

Ion Ratio Lower Upper

43 100

58 43.0 34.4 51.6

100 22.2 17.0 25.4



#42

Toluene

Concen: 5.089 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022008.D

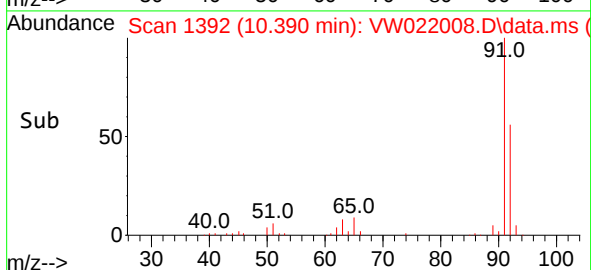
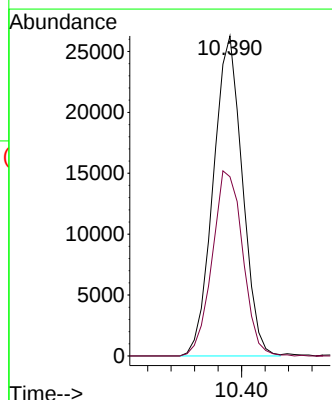
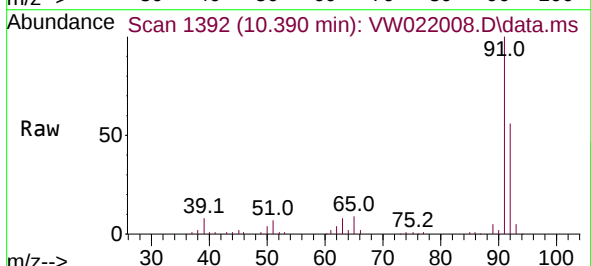
Acq: 01 Feb 2022 13:55

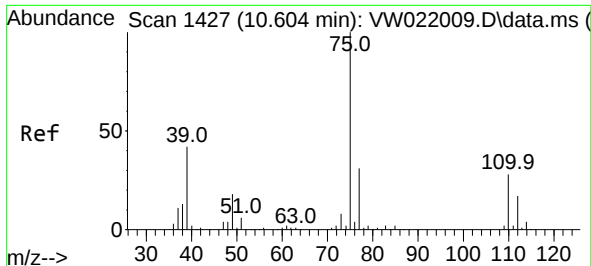
Tgt Ion: 91 Resp: 45183

Ion Ratio Lower Upper

91 100

92 56.0 42.6 79.2

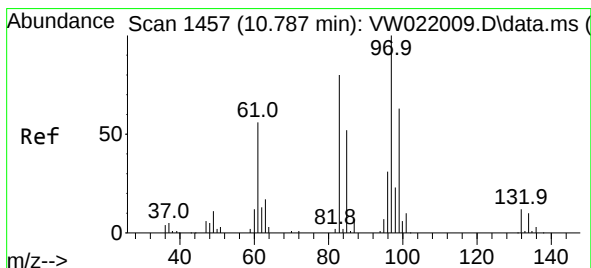
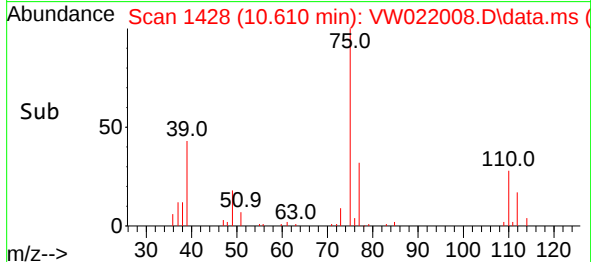
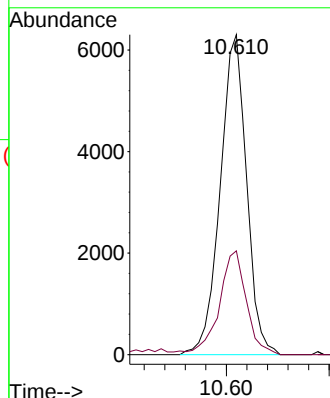
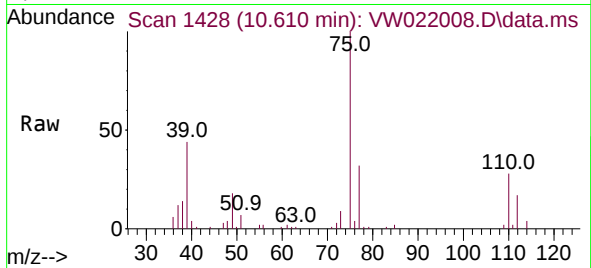




#44
trans-1,3-Dichloropropene
Concen: 4.711 ug/L
RT: 10.610 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

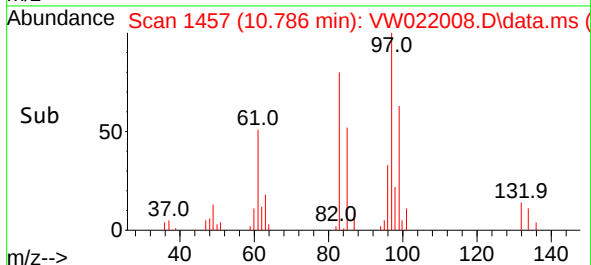
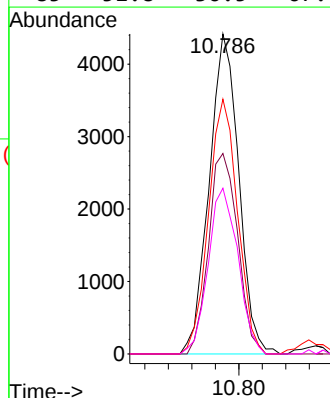
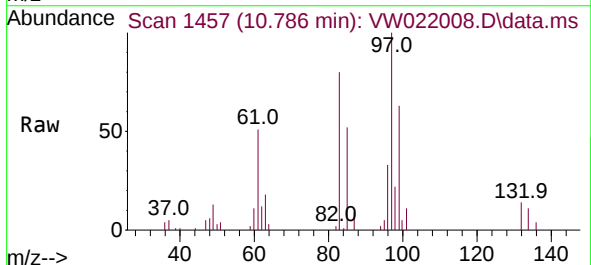
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

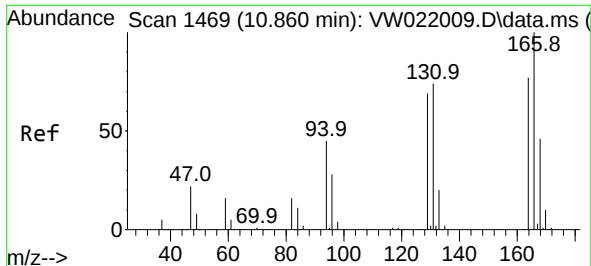
Tgt Ion: 75 Resp: 11205
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 5.275 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 97 Resp: 7713
Ion Ratio Lower Upper
97 100
99 62.7 43.8 81.4
83 79.6 56.1 104.3
85 51.8 36.5 67.7



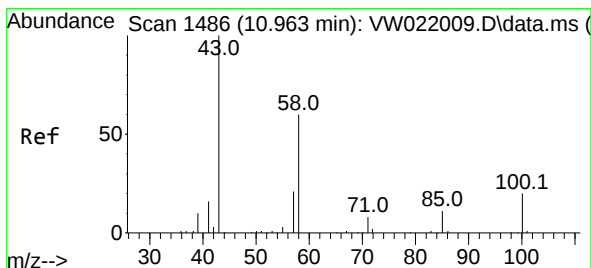
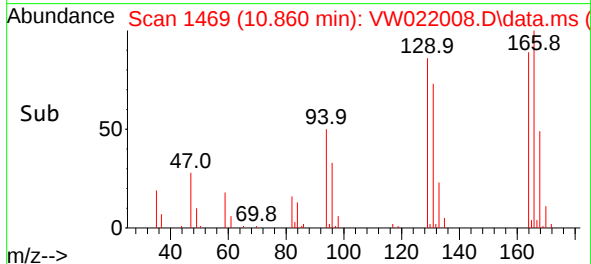
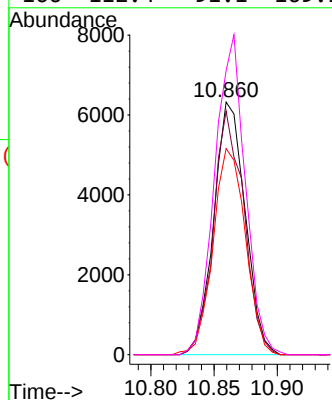
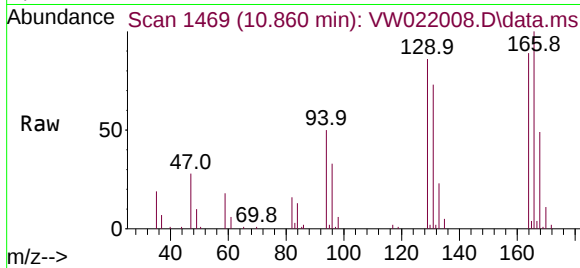


#46
Tetrachloroethene
Concen: 5.272 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

Tgt Ion:164 Resp: 10944

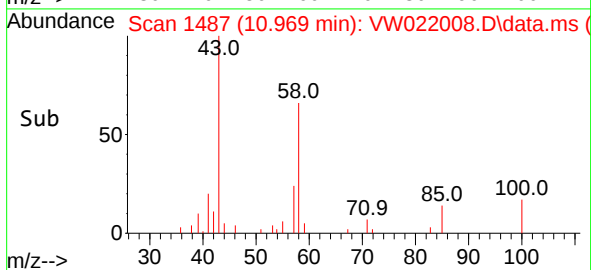
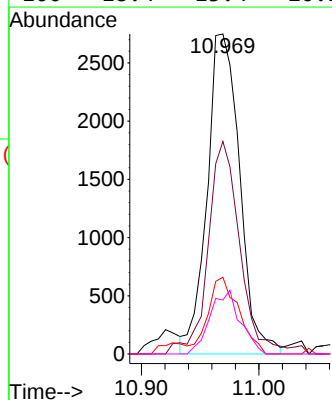
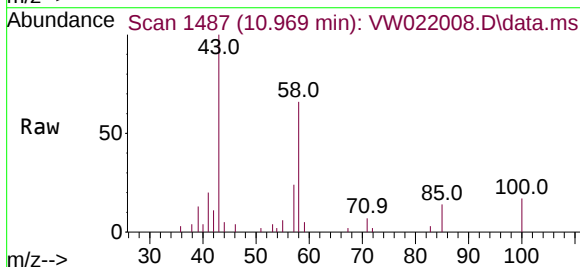
Ion	Ratio	Lower	Upper
164	100		
129	96.4	62.6	116.2
131	81.6	67.1	124.7
166	112.4	91.1	169.1

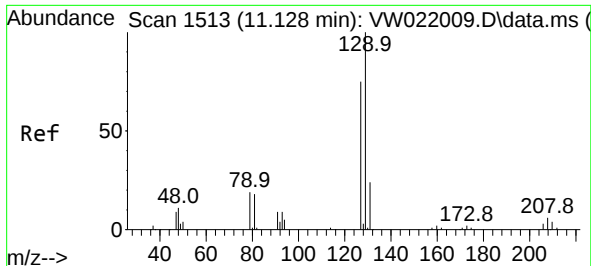


#48
2-Hexanone
Concen: 8.443 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 43 Resp: 5302

Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.2	73.8
57	22.7	16.6	24.8
100	18.4	13.4	20.2





#49

Dibromochloromethane

Concen: 4.704 ug/L

RT: 11.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

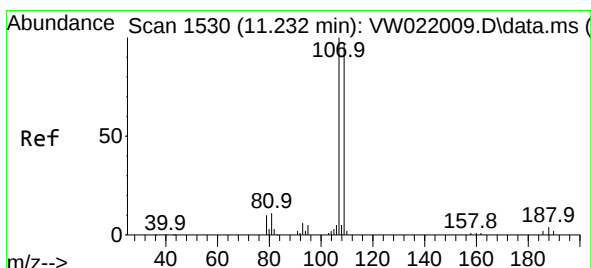
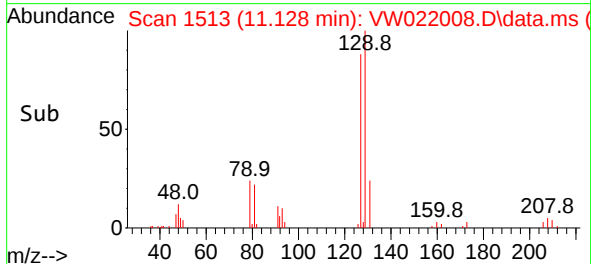
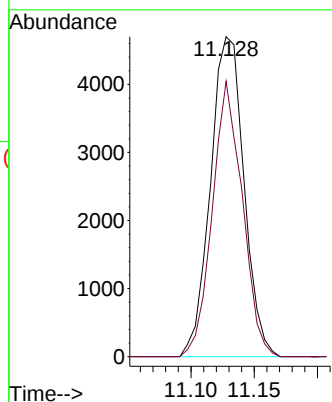
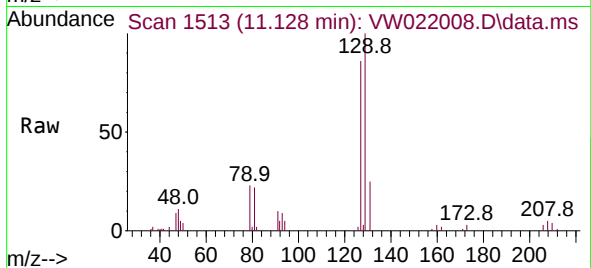
VSTD005451

Tgt Ion:129 Resp: 8662

Ion Ratio Lower Upper

129 100

127 86.0 52.6 97.6



#50

1,2-Dibromoethane

Concen: 5.007 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

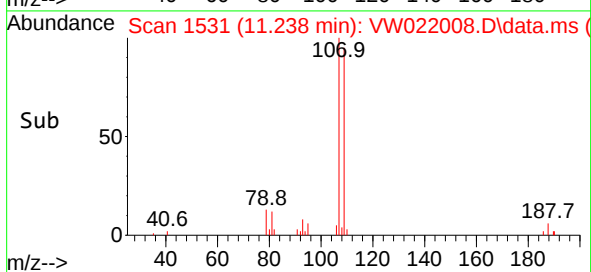
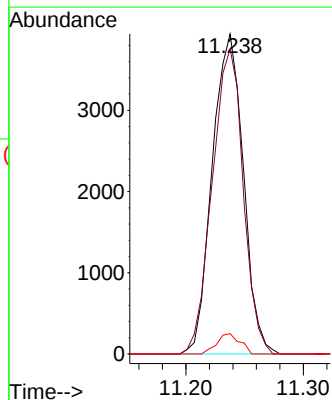
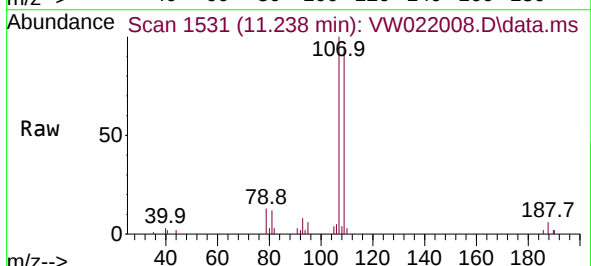
Tgt Ion:107 Resp: 7249

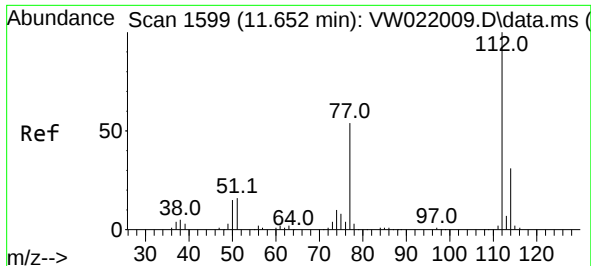
Ion Ratio Lower Upper

107 100

109 95.3 68.0 126.2

188 6.3 3.2 4.8#

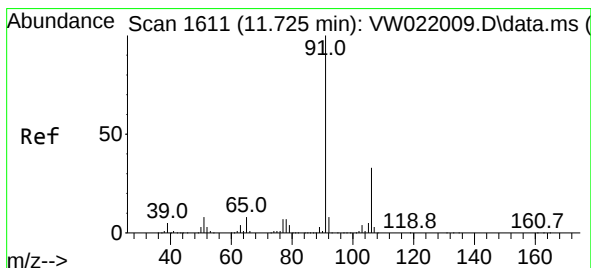
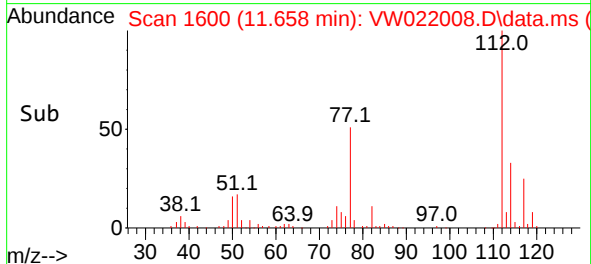
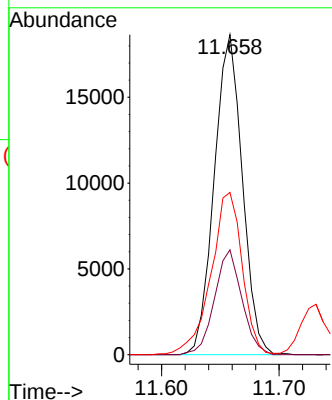
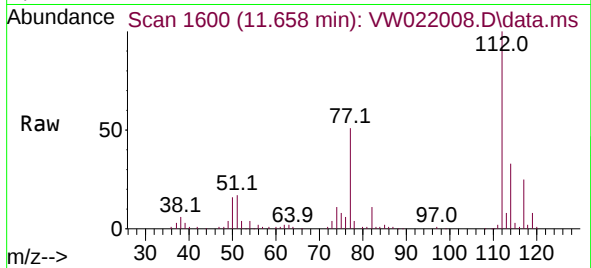




#51
Chlorobenzene
Concen: 5.128 ug/L
RT: 11.658 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

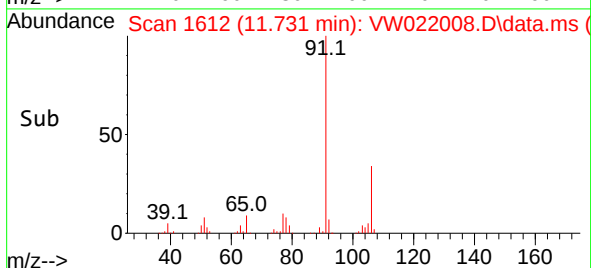
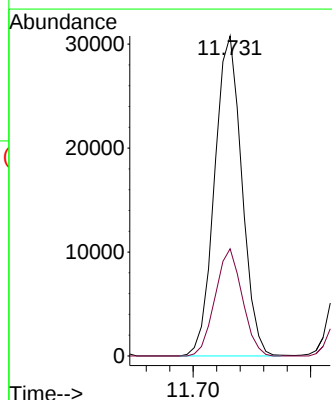
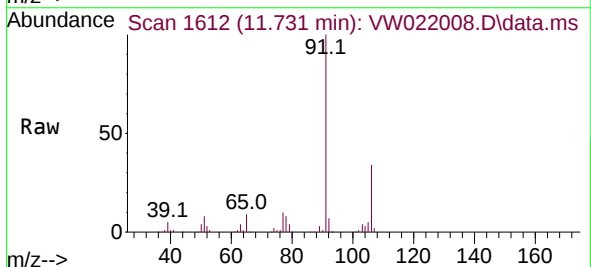
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

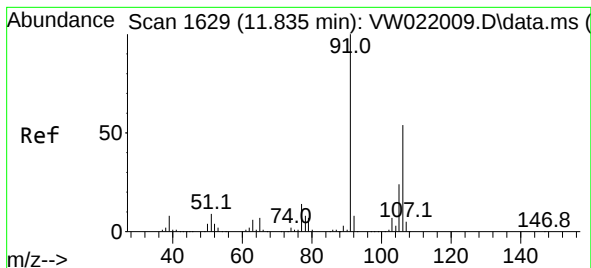
Tgt Ion:112 Resp: 30983
Ion Ratio Lower Upper
112 100
114 32.8 21.5 39.9
77 50.7 43.6 65.4



#52
Ethylbenzene
Concen: 5.067 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion: 91 Resp: 49635
Ion Ratio Lower Upper
91 100
106 33.5 22.8 42.4





#53

m,p-Xylene

Concen: 5.142 ug/L

RT: 11.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

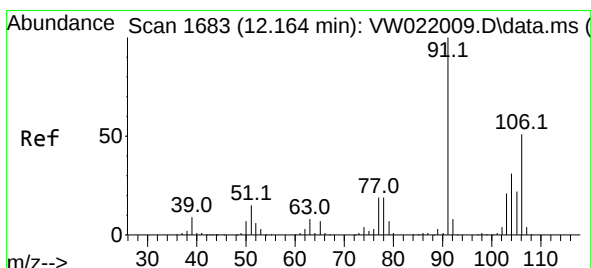
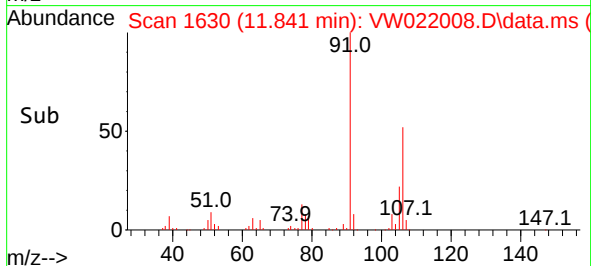
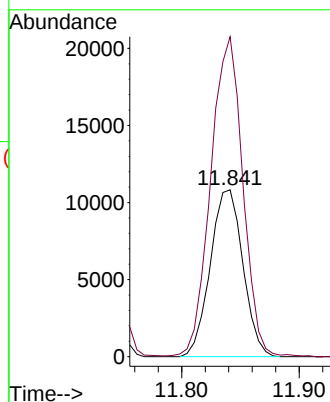
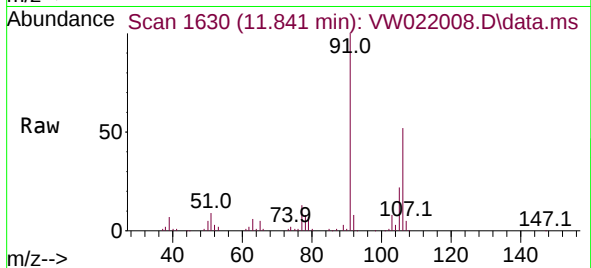
VSTD005451

Tgt Ion:106 Resp: 20900

Ion Ratio Lower Upper

106 100

91 191.8 129.6 240.8



#54

o-Xylene

Concen: 4.975 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW022008.D

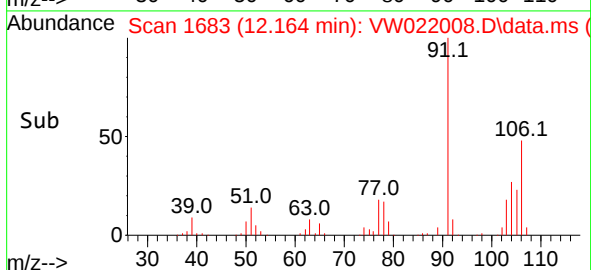
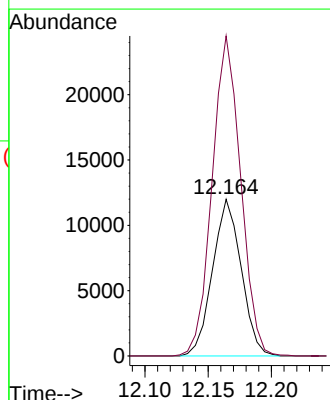
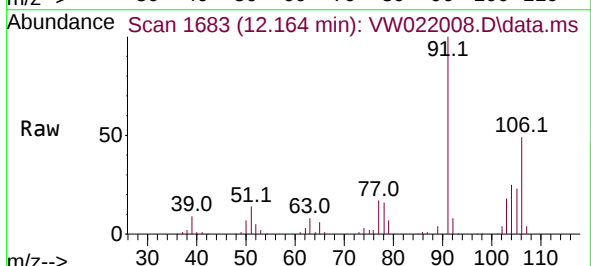
Acq: 01 Feb 2022 13:55

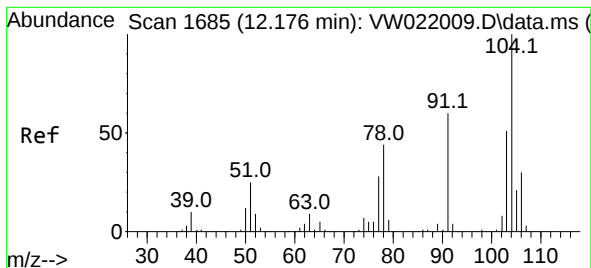
Tgt Ion:106 Resp: 18913

Ion Ratio Lower Upper

106 100

91 204.2 136.4 253.4





#55

Styrene

Concen: 4.863 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

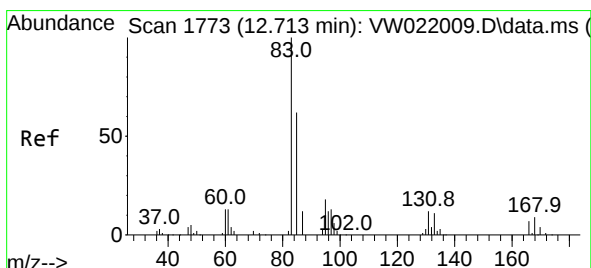
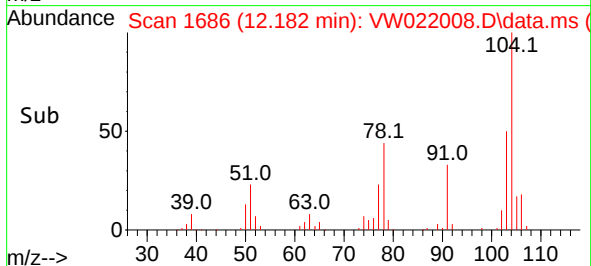
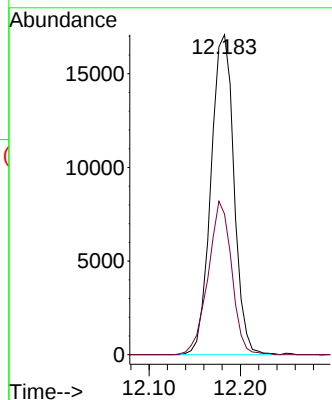
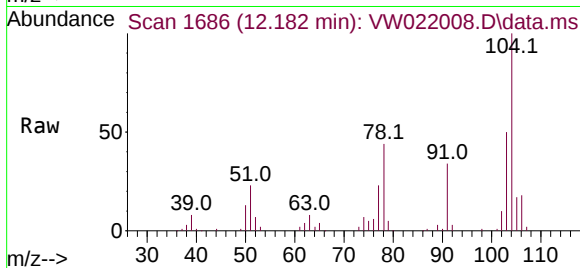
VSTD005451

Tgt Ion:104 Resp: 29865

Ion Ratio Lower Upper

104 100

78 44.0 30.9 57.5



#57

1,1,2,2-Tetrachloroethane

Concen: 5.033 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

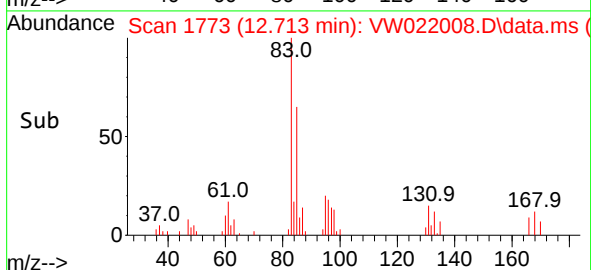
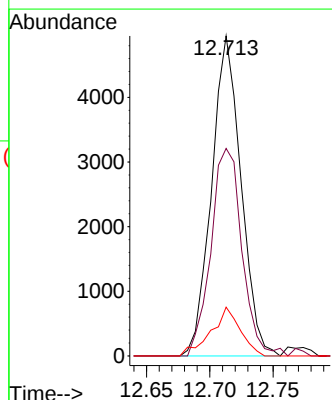
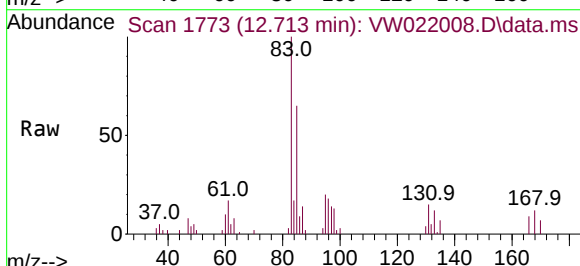
Tgt Ion: 83 Resp: 8010

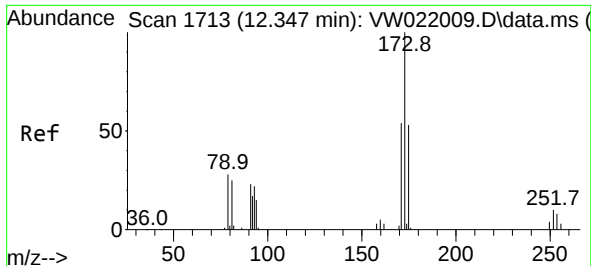
Ion Ratio Lower Upper

83 100

85 64.8 43.8 81.3

131 15.3 9.8 14.8#

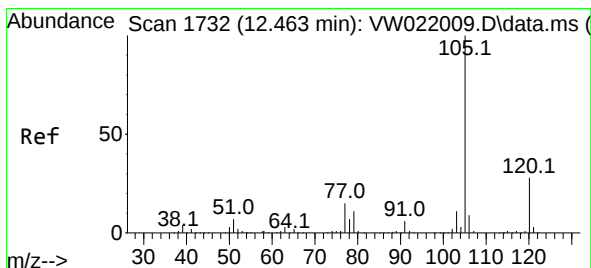
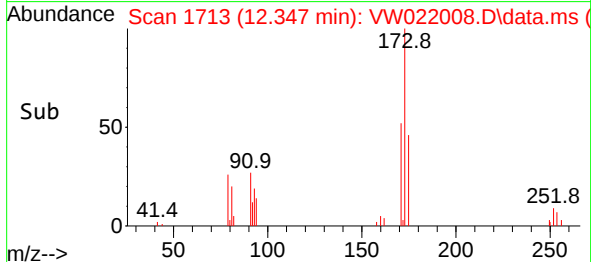
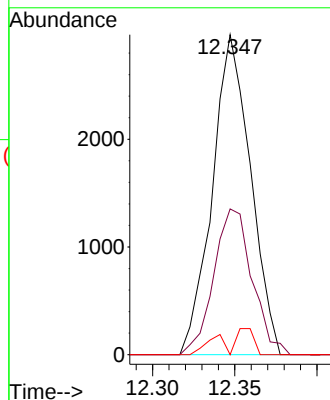
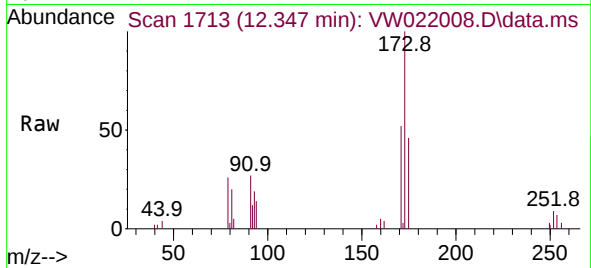




#59
Bromoform
Concen: 4.780 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

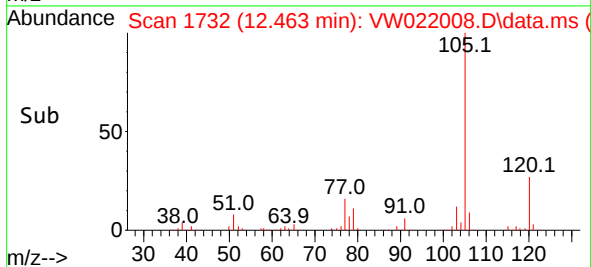
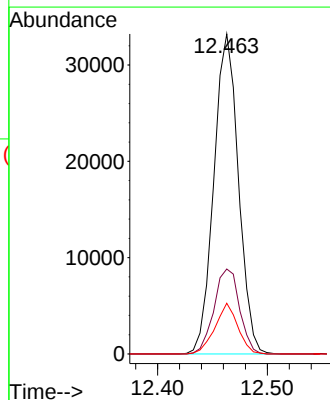
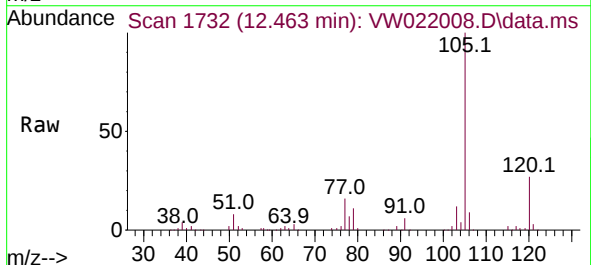
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

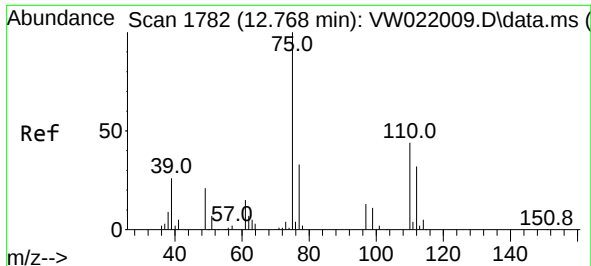
Tgt Ion:173 Resp: 4803
Ion Ratio Lower Upper
173 100
175 45.8 41.0 61.4
254 2.9 3.4 5.2#



#60
Isopropylbenzene
Concen: 5.211 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion:105 Resp: 51801
Ion Ratio Lower Upper
105 100
120 27.6 22.1 33.1
77 14.7 11.8 17.8





#61

1,2,3-Trichloropropane

Concen: 5.392 ug/L

RT: 12.768 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022008.D

Acq: 01 Feb 2022 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD005451

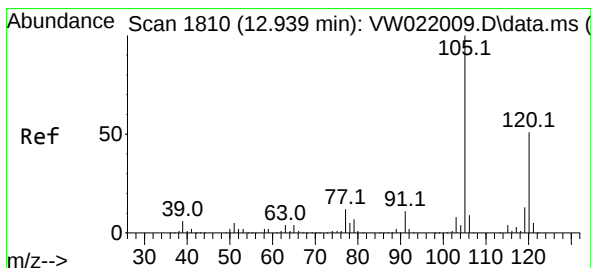
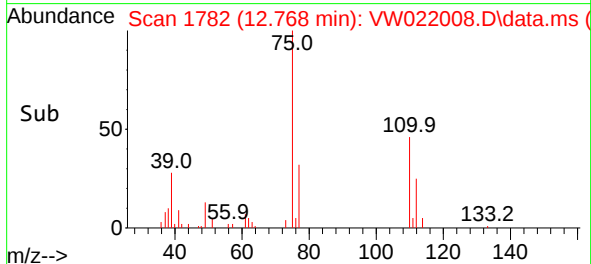
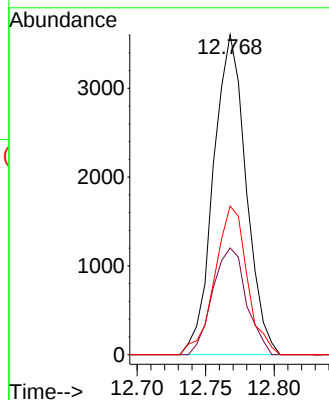
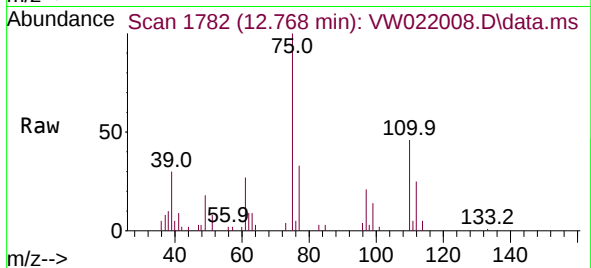
Tgt Ion: 75 Resp: 5977

Ion Ratio Lower Upper

75 100

77 34.3 27.3 40.9

110 45.9 36.4 54.6



#62

1,3,5-Trimethylbenzene

Concen: 5.143 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW022008.D

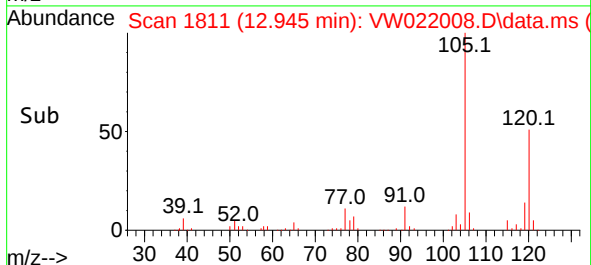
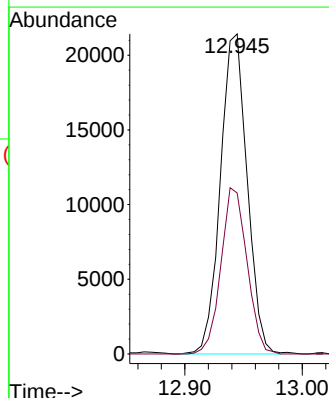
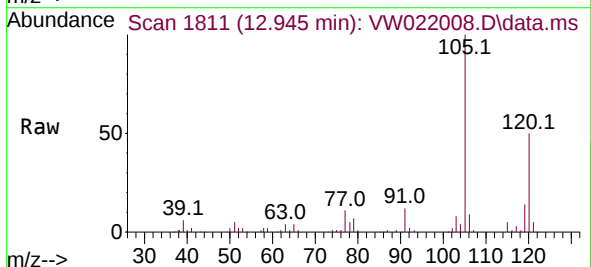
Acq: 01 Feb 2022 13:55

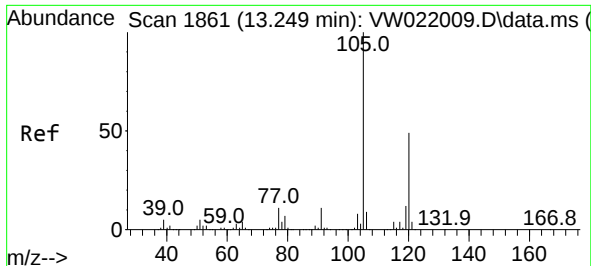
Tgt Ion: 105 Resp: 33907

Ion Ratio Lower Upper

105 100

120 50.6 40.9 61.3

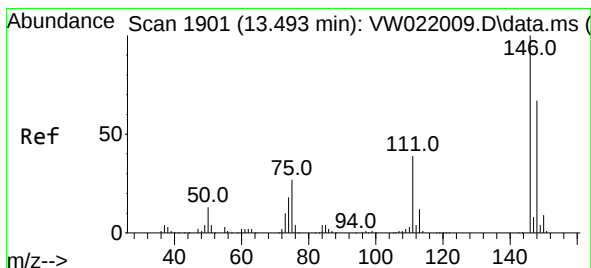
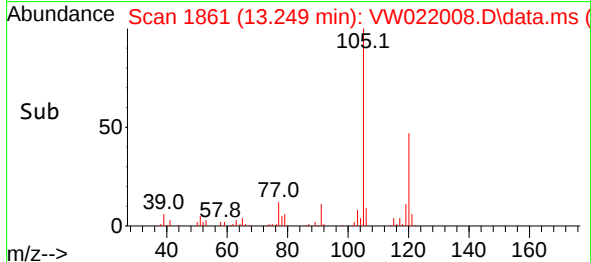
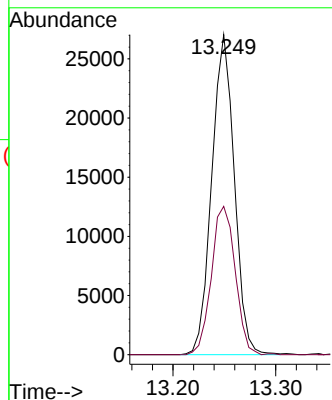
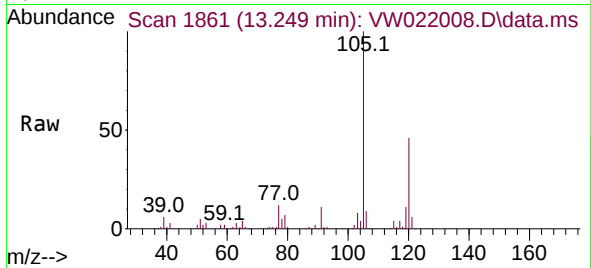




#63
1,2,4-Trimethylbenzene
Concen: 5.133 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

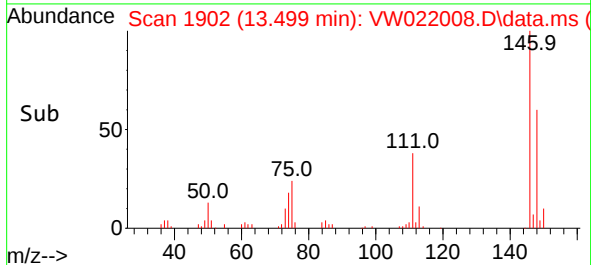
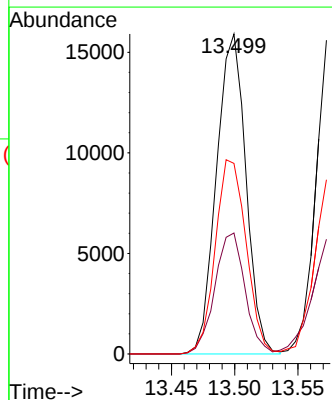
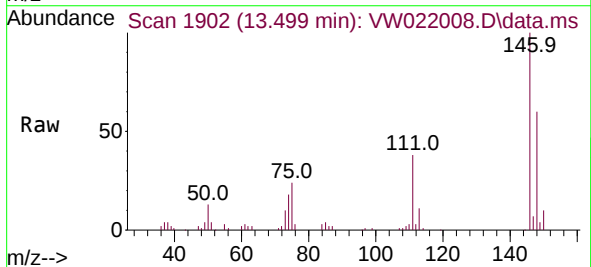
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

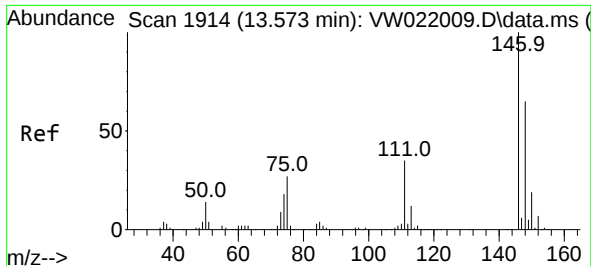
Tgt Ion:105 Resp: 41230
Ion Ratio Lower Upper
105 100
120 48.8 37.8 56.8



#64
1,3-Dichlorobenzene
Concen: 5.409 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion:146 Resp: 25762
Ion Ratio Lower Upper
146 100
111 37.8 27.3 50.7
148 59.6 46.7 86.7

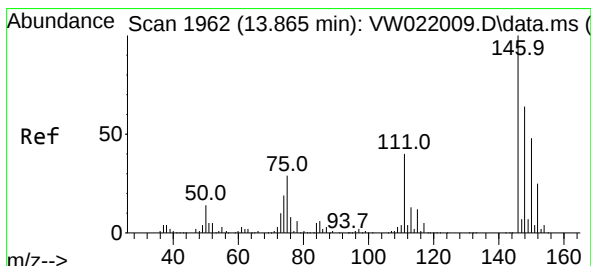
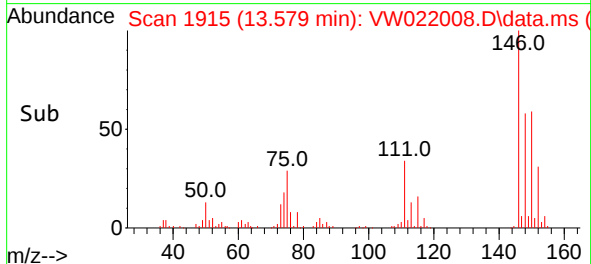
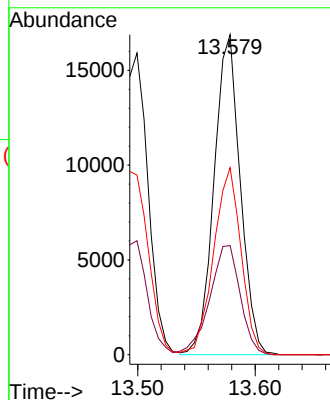
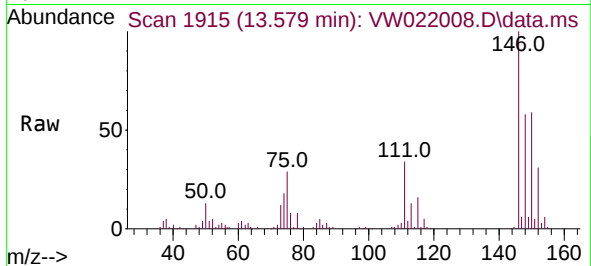




#65
1,4-Dichlorobenzene
Concen: 5.492 ug/L
RT: 13.579 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

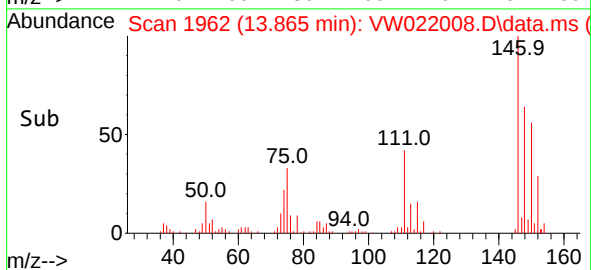
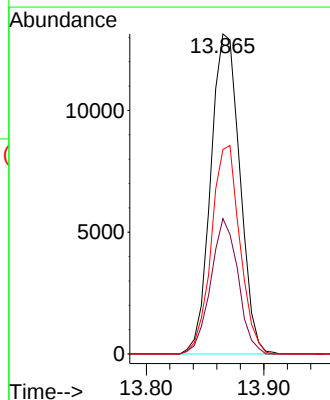
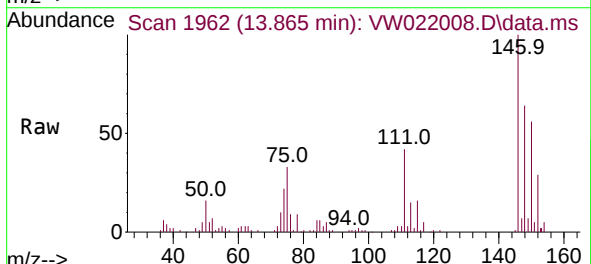
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

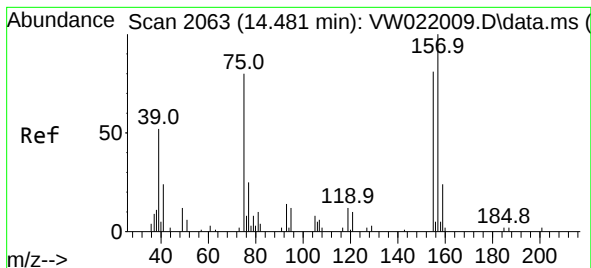
Tgt Ion:146 Resp: 26185
Ion Ratio Lower Upper
146 100
111 34.1 24.4 45.4
148 58.5 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 5.347 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion:146 Resp: 22633
Ion Ratio Lower Upper
146 100
111 42.3 32.2 48.4
148 63.9 51.0 76.4

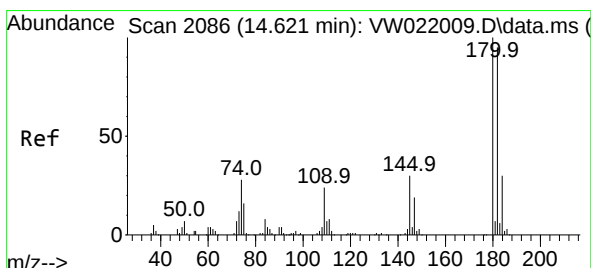
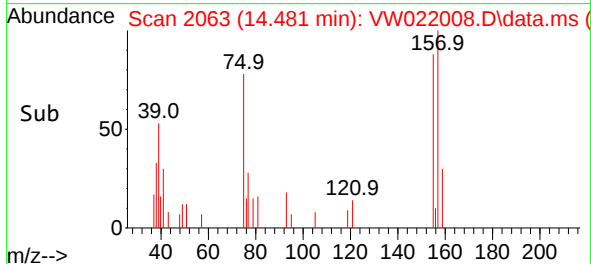
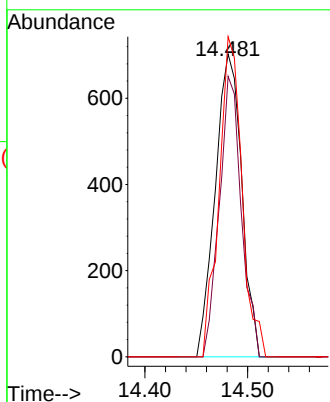
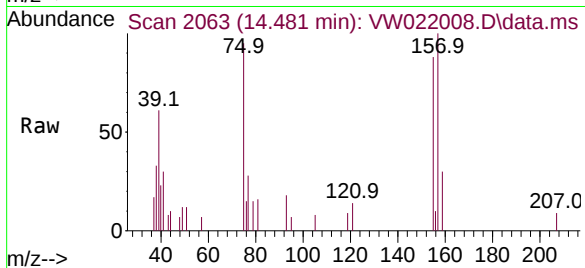




#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.565 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

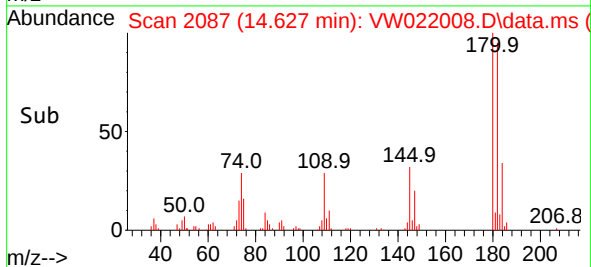
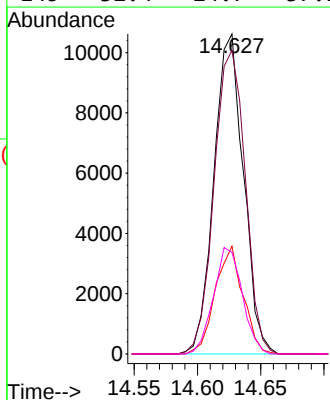
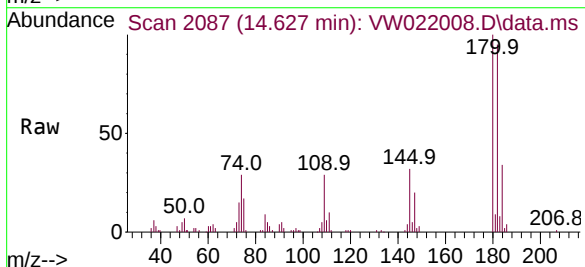
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005451

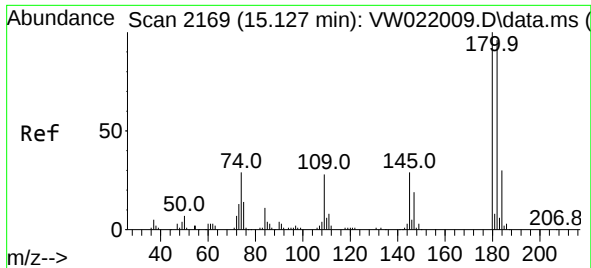
Tgt Ion: 75	Resp:	1255
Ion Ratio	Lower	Upper
75	100	
155	92.6	80.9 121.3
157	105.7	100.3 150.5



#69
 1,3,5-Trichlorobenzene
 Concen: 5.034 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.006 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

Tgt Ion: 180	Resp:	17238
Ion Ratio	Lower	Upper
180	100	
182	99.8	77.4 116.2
184	31.8	25.2 37.8
145	32.4	24.7 37.1

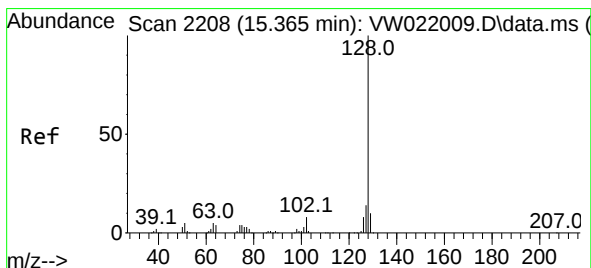
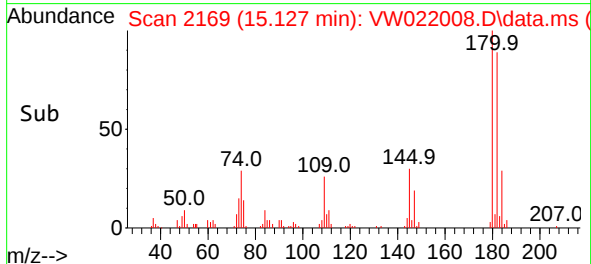
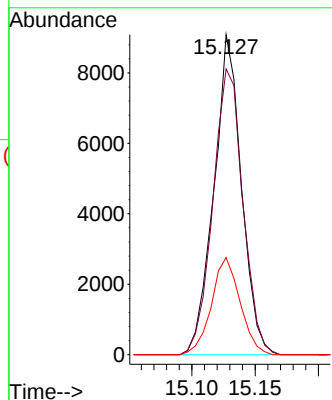
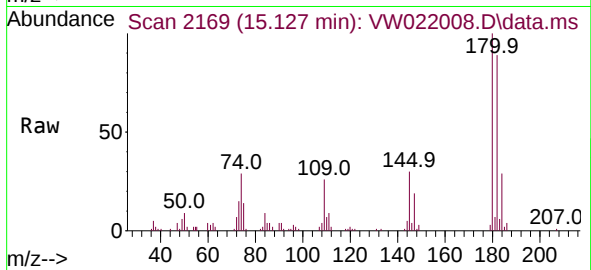




#70
1,2,4-trichlorobenzene
Concen: 5.057 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

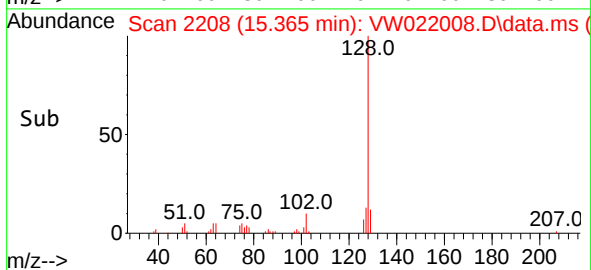
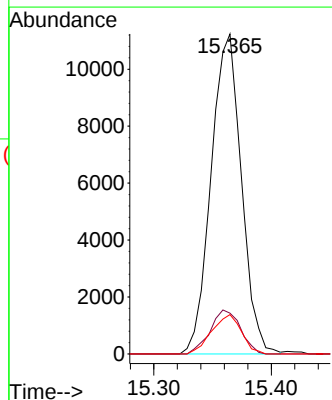
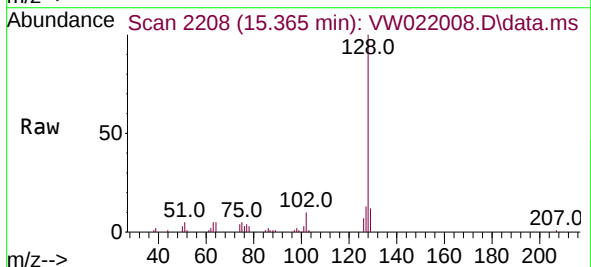
Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

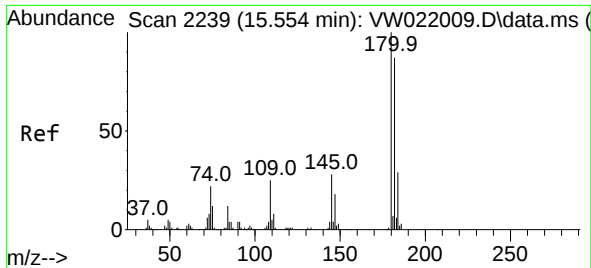
Tgt Ion:180 Resp: 13755
Ion Ratio Lower Upper
180 100
182 97.0 74.6 111.8
145 31.5 25.0 37.6



#71
Naphthalene
Concen: 4.541 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW022008.D
Acq: 01 Feb 2022 13:55

Tgt Ion:128 Resp: 20153
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 12.1 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 4.895 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW022008.D
 Acq: 01 Feb 2022 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005451

Tgt Ion:	180	Resp:	11380
Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.6	118.0
145	35.6	27.3	40.9

