

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015178.D
 Acq On : 10 Apr 2020 13:20
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

Quant Time: Apr 10 13:45:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 13:10:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1294840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1136782	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	514631	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	274814	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
7) Chloroethane-d5	2.89	69	203899	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
10) 1,1-Dichloroethene-d2	4.03	63	715244	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.20%
20) 2-Butanone-d5	7.07	46	174776	41.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.46%
24) Chloroform-d	7.65	84	676766	22.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	8.30	65	336879	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.12%
29) Benzene-d6	8.27	84	1427610	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.27	67	430581	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.56%
37) Toluene-d8	10.32	98	1335527	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.64%
38) trans-1,3-Dichloropropene-	10.57	79	194247	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.92	63	153379	44.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	316142	22.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	418204	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	231329	24.714	ug/L 98
3) Chloromethane	2.21	50	261603	22.514	ug/L 98
5) Vinyl chloride	2.37	62	356269	22.901	ug/L 99
6) Bromomethane	2.78	94	181261	22.528	ug/L 99
8) Chloroethane	2.93	64	176667	22.947	ug/L 99
9) Trichlorofluoromethane	3.26	101	267565	21.698	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	404723	22.708	ug/L 99
12) 1,1-Dichloroethene	4.04	96	402444	22.857	ug/L 97
13) Acetone	4.12	43	108220	40.760	ug/L 99
14) Carbon disulfide	4.39	76	1321680	22.646	ug/L 99
15) Methyl Acetate	4.67	43	153886	24.143	ug/L 97
16) Methylene chloride	4.92	84	398246	21.693	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	536367	22.711	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	409971	22.965	ug/L 99
19) 1,1-Dichloroethane	6.21	63	700253	22.770	ug/L 98
21) 2-Butanone	7.17	43	199488	46.082	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	425254	22.934	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015178.D
 Acq On : 10 Apr 2020 13:20
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

Quant Time: Apr 10 13:45:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 13:10:27 2020
 Response via : Initial Calibration

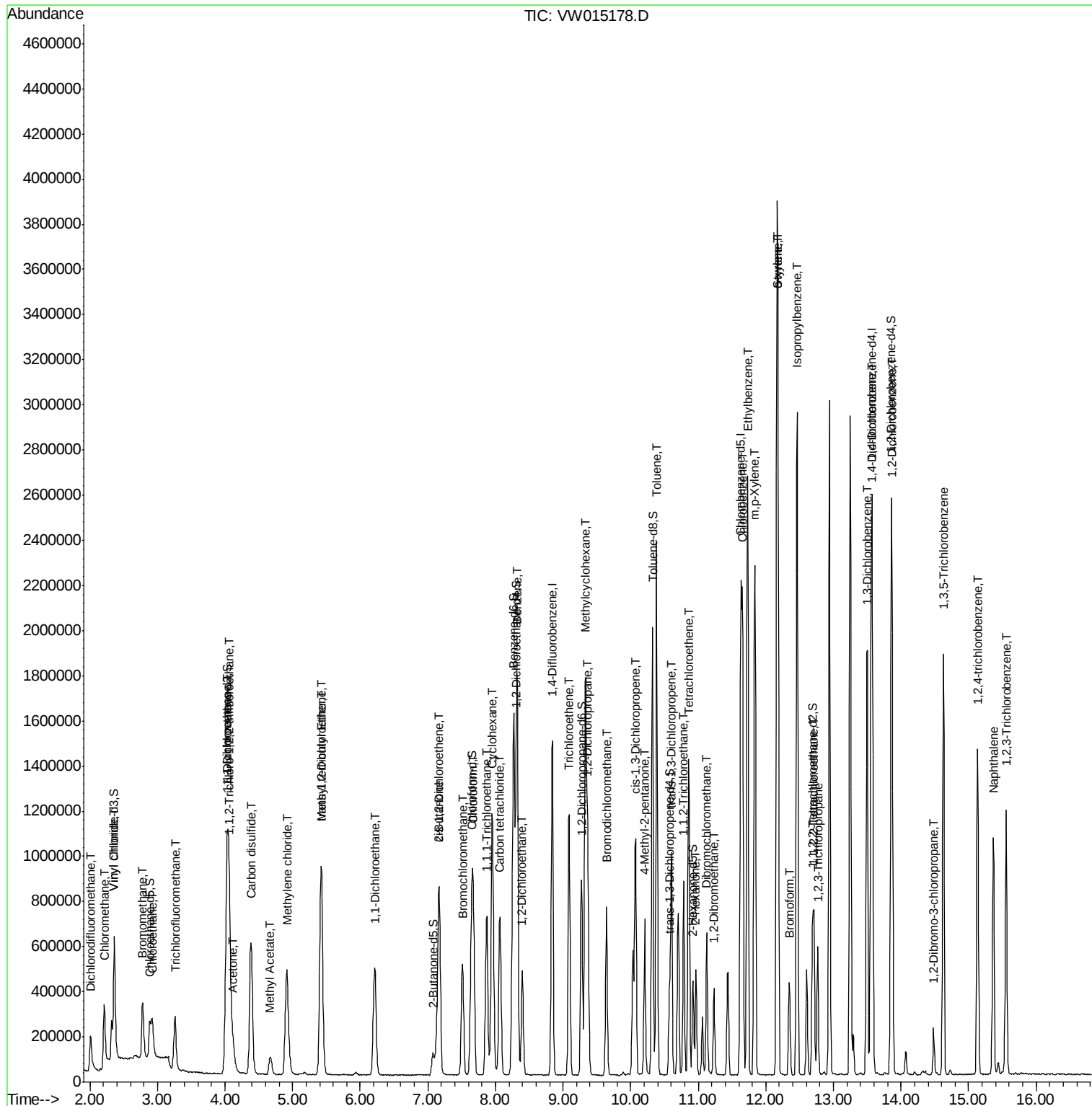
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	176663	23.195	ug/L	98
25) Chloroform	7.67	83	674001	22.546	ug/L	100
27) 1,2-Dichloroethane	8.40	62	411090	22.603	ug/L	98
30) Cyclohexane	7.95	56	716536	22.659	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	579853	22.522	ug/L	99
32) Carbon tetrachloride	8.07	117	531249	22.556	ug/L	98
34) Benzene	8.32	78	1622703	22.953	ug/L	100
35) Trichloroethene	9.09	95	416116	22.283	ug/L	99
36) Methylcyclohexane	9.34	83	765564	22.573	ug/L	99
40) 1,2-Dichloropropane	9.37	63	396996	23.016	ug/L	99
41) Bromodichloromethane	9.64	83	501041	22.595	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	632091	22.718	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	459571	44.731	ug/L	99
44) Toluene	10.38	91	1722590	23.125	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	539600	22.531	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	278598	22.674	ug/L	97
47) Tetrachloroethene	10.86	164	307029	22.960	ug/L	95
49) 2-Hexanone	10.96	43	296454	43.787	ug/L	98
50) Dibromochloromethane	11.13	129	330086	22.953	ug/L	99
51) 1,2-Dibromoethane	11.23	107	263691	22.767	ug/L	99
52) Chlorobenzene	11.65	112	1057799	23.116	ug/L	99
53) Ethylbenzene	11.73	91	1929710	23.033	ug/L	98
54) m,p-Xylene	11.83	106	739559	23.017	ug/L	100
55) o-xylene	12.16	106	710463	23.135	ug/L	99
56) Styrene	12.18	104	1200847	23.250	ug/L	98
57) Isopropylbenzene	12.46	105	1925190	23.221	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	319667	22.328	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	236565	22.361	ug/L	100
62) Bromoform	12.35	173	181806	22.065	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	779312	22.910	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	753081	22.792	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	699683	23.161	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	54983	21.977	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	546072	23.315	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	443091	23.704	ug/L	99
69) Naphthalene	15.36	128	915394	24.444	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	388647	23.880	ug/L	99

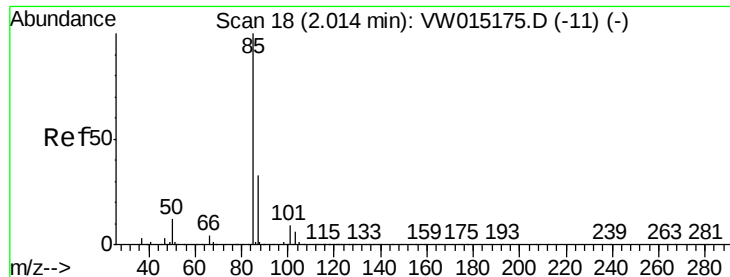
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041020\
Data File : VW015178.D
Acq On : 10 Apr 2020 13:20
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV03

Quant Time: Apr 10 13:45:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 13:10:27 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 24.714 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

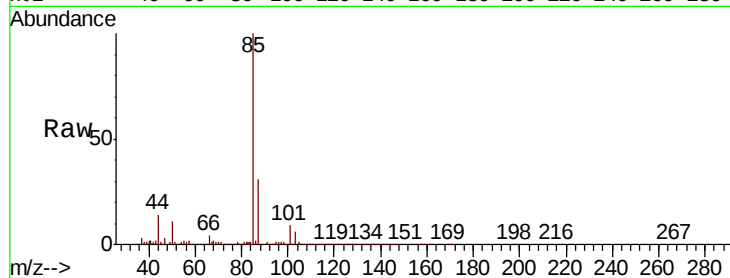
VICV03

Tot Ion: 85 Resp: 231329

Ion Ratio Lower Upper

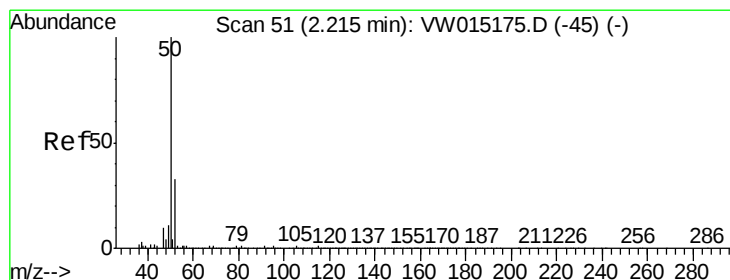
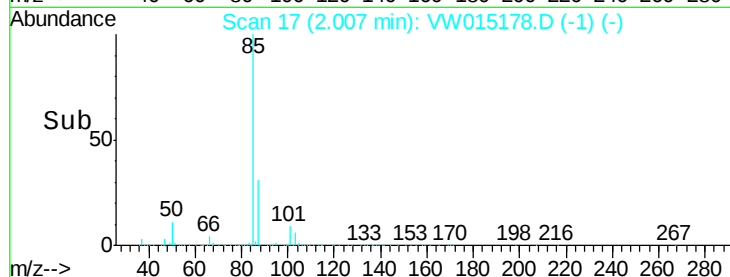
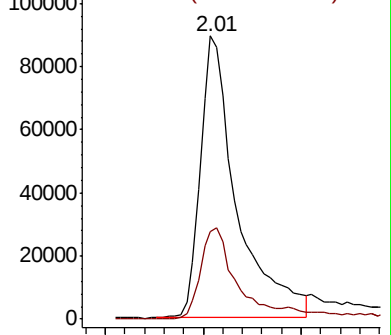
85 100

87 30.9 22.5 41.9



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 22.514 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015178.D

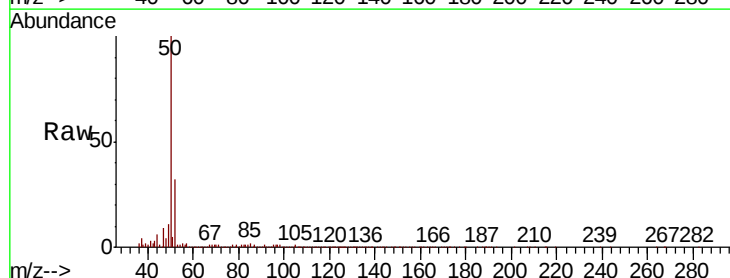
Acq: 10 Apr 2020 13:20

Tgt Ion: 50 Resp: 261603

Ion Ratio Lower Upper

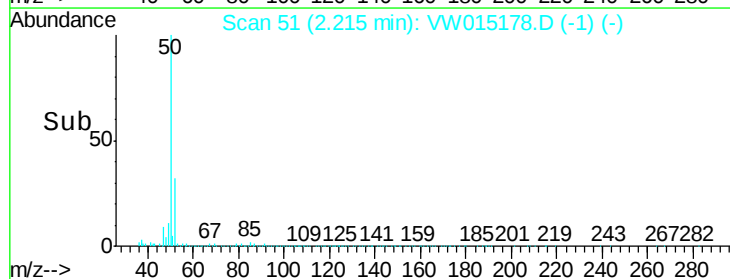
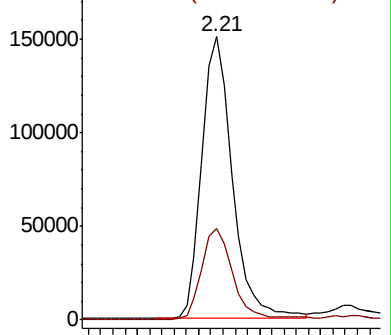
50 100

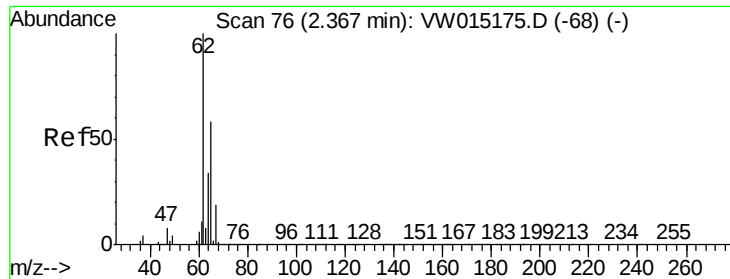
52 32.1 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 22.901 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampled :

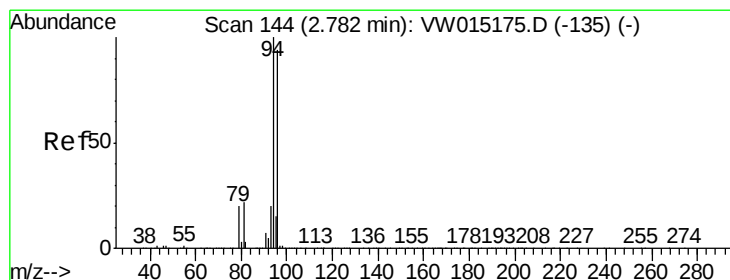
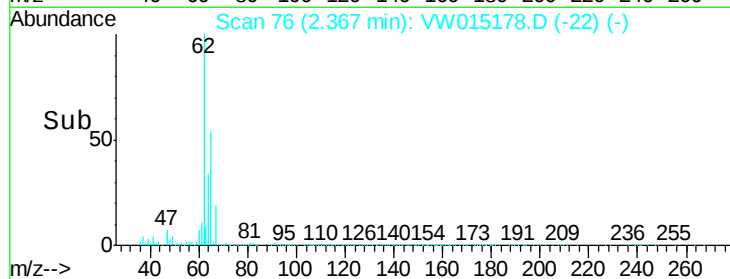
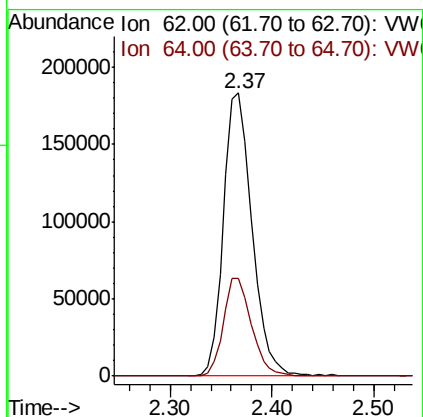
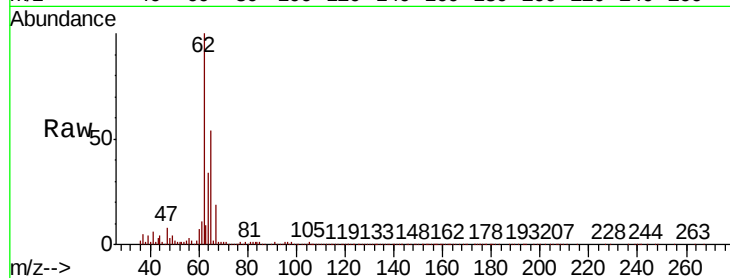
VICV03

Tot Ion: 62 Resp: 356269

Ion Ratio Lower Upper

62 100

64 34.4 23.8 44.2



#6

Bromomethane

Concen: 22.528 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015178.D

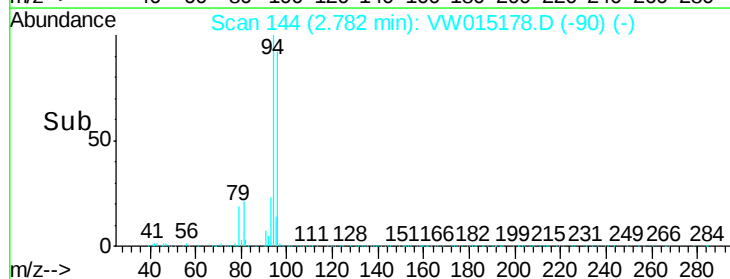
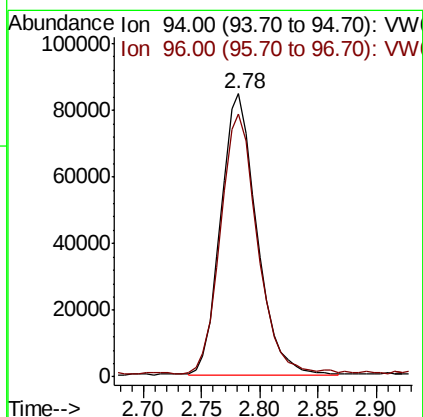
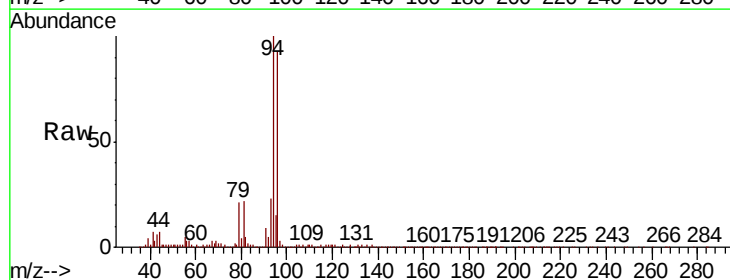
Acq: 10 Apr 2020 13:20

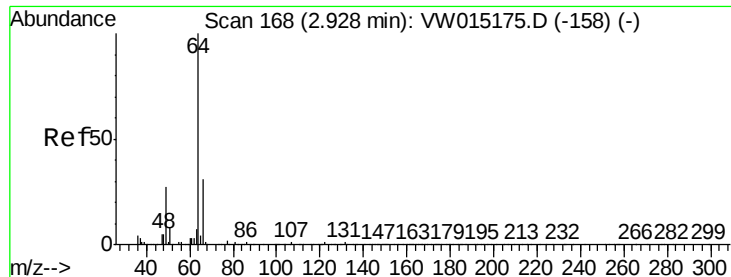
Tgt Ion: 94 Resp: 181261

Ion Ratio Lower Upper

94 100

96 94.7 9.5 181.3





#8

Chloroethane

Concen: 22.947 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

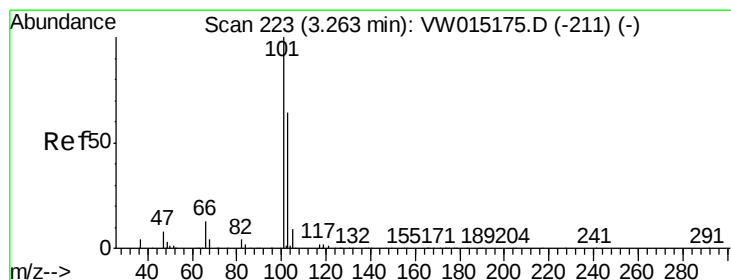
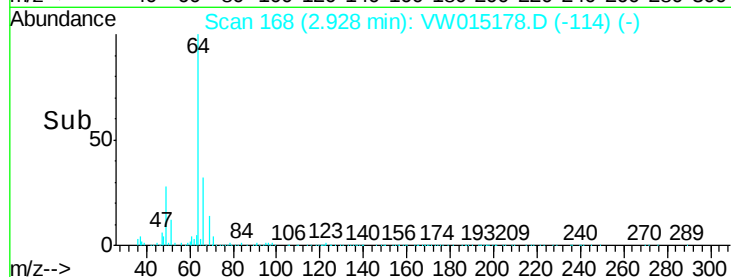
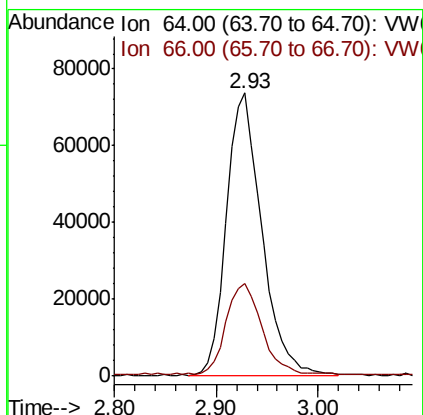
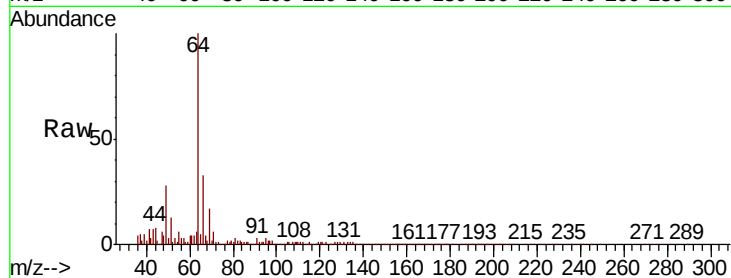
VICV03

Tot Ion: 64 Resp: 176667

Ion Ratio Lower Upper

64 100

66 32.9 22.5 41.7



#9

Trichlorofluoromethane

Concen: 21.698 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW015178.D

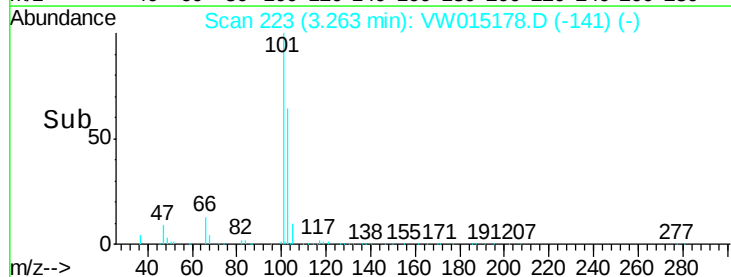
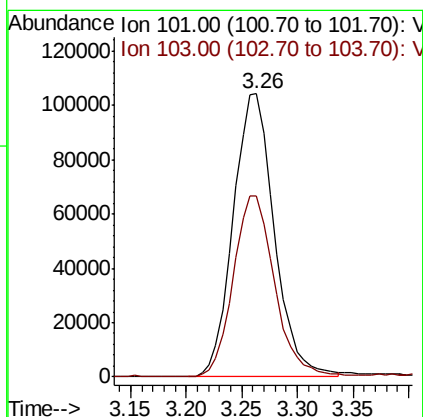
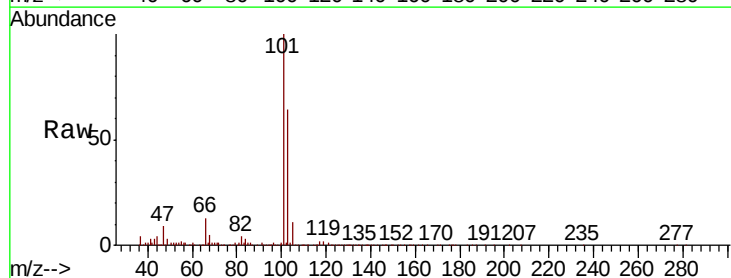
Acq: 10 Apr 2020 13:20

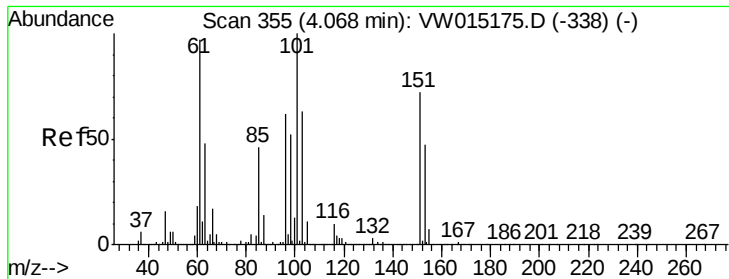
Tgt Ion: 101 Resp: 267565

Ion Ratio Lower Upper

101 100

103 64.0 44.9 83.5





#11

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

Concen: 22.708 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

VICV03

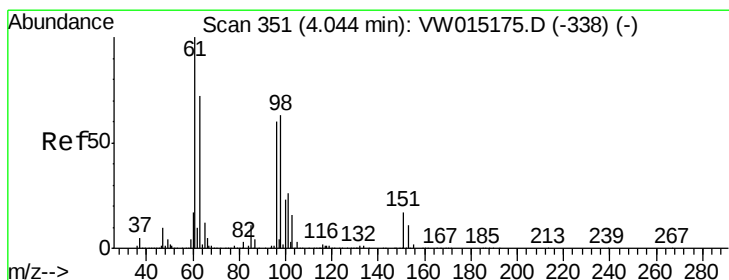
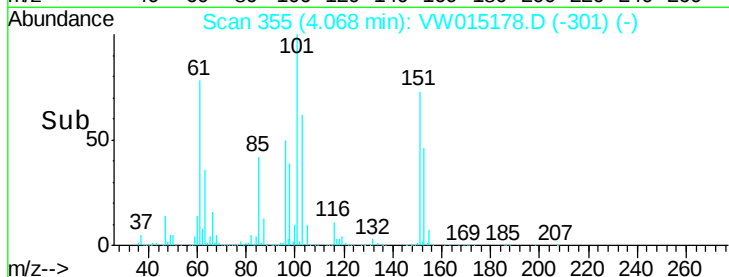
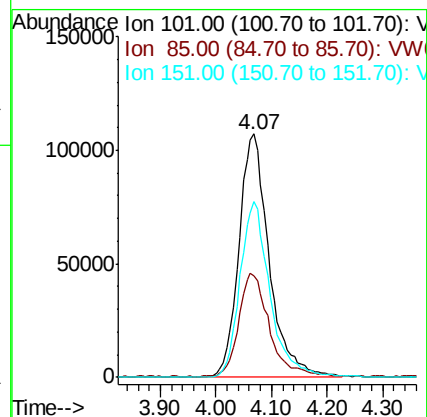
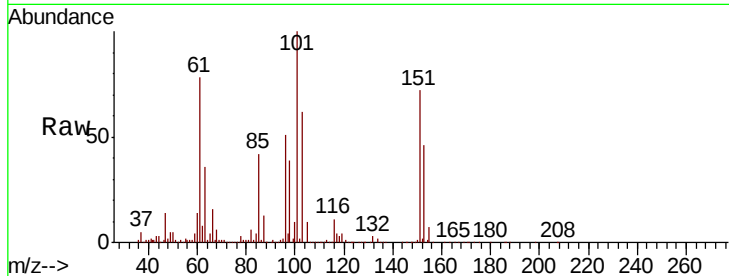
Tot Ion:101 Resp: 404723

Ion Ratio Lower Upper

101 100

85 40.4 34.0 51.0

151 71.0 56.6 85.0



#12

1,1-Dichloroethene

Concen: 22.857 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

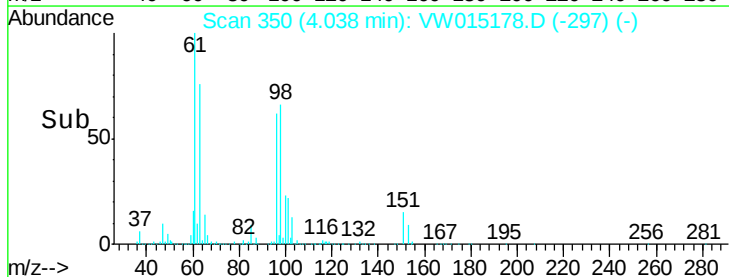
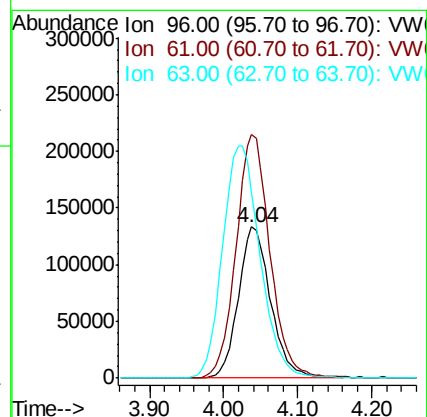
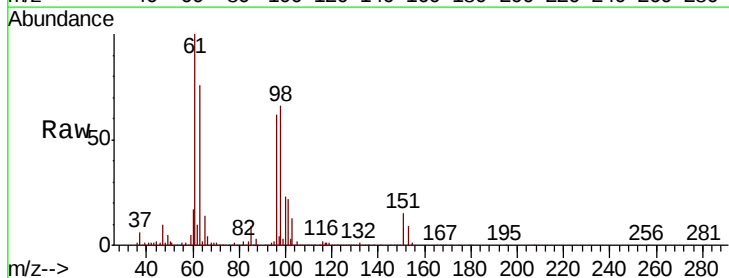
Tgt Ion: 96 Resp: 402444

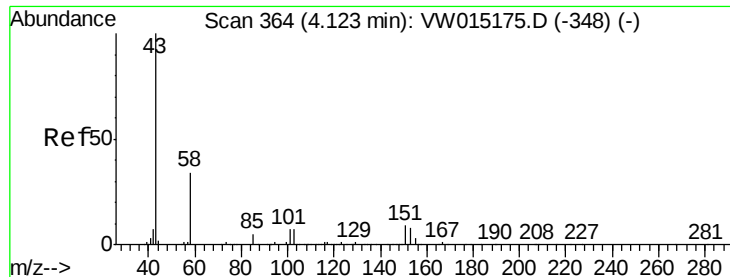
Ion Ratio Lower Upper

96 100

61 161.3 116.4 216.2

63 123.2 84.0 156.0





#13

Acetone

Concen: 40.760 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

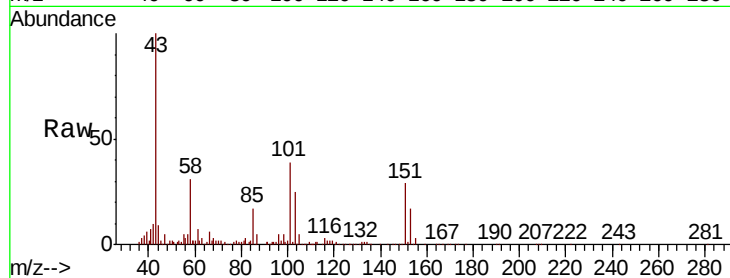
VICV03

Tot Ion: 43 Resp: 108220

Ion Ratio Lower Upper

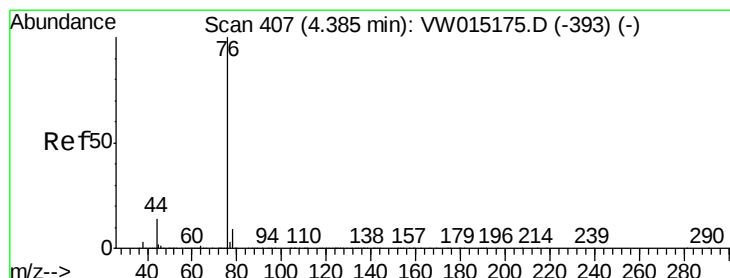
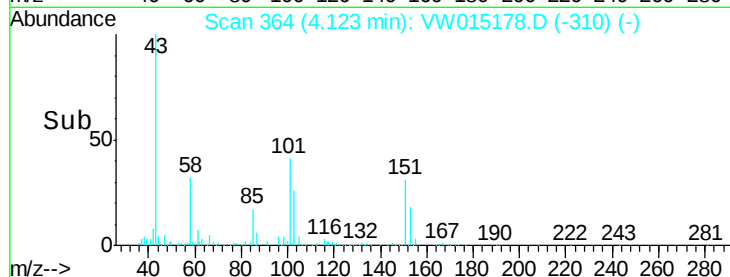
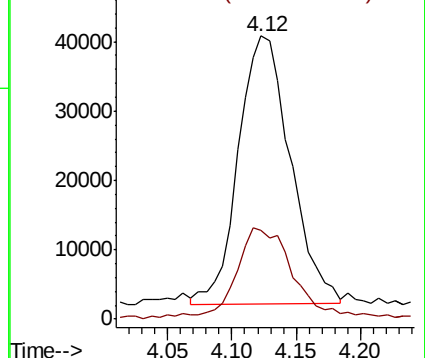
43 100

58 31.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 22.646 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW015178.D

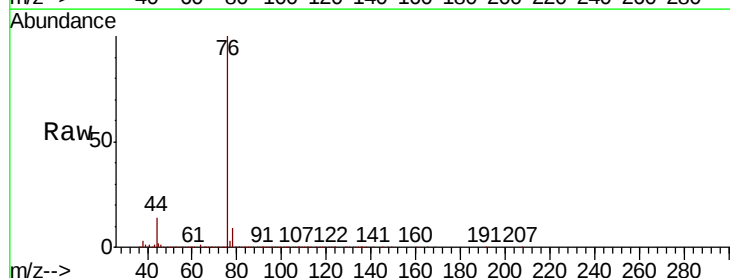
Acq: 10 Apr 2020 13:20

Tgt Ion: 76 Resp: 1321680

Ion Ratio Lower Upper

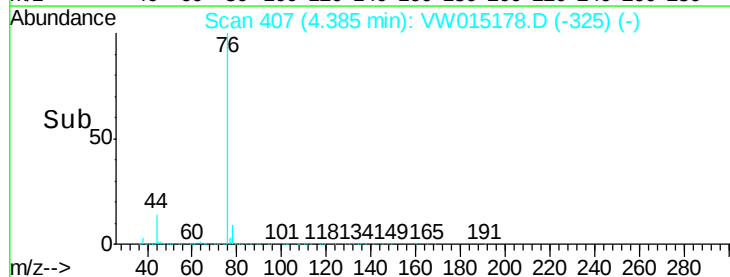
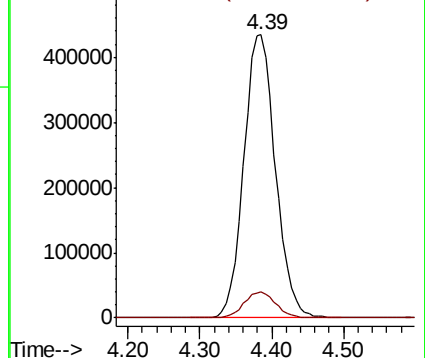
76 100

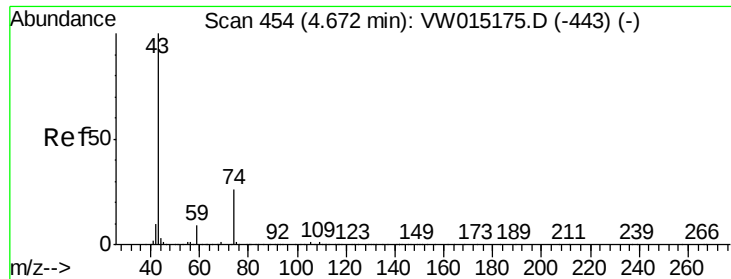
78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

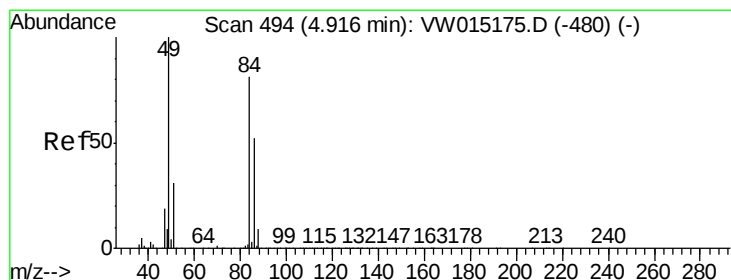
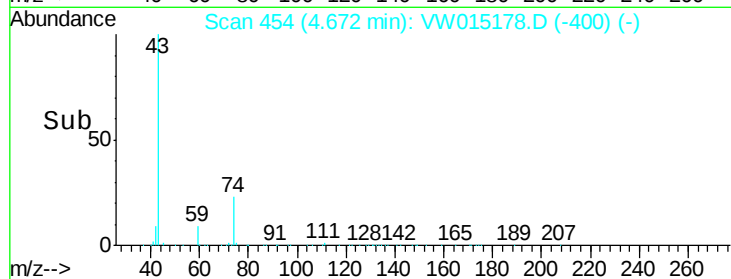
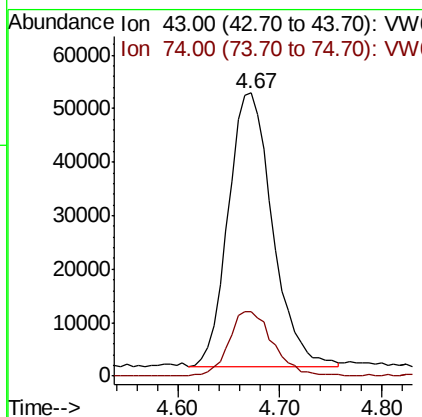
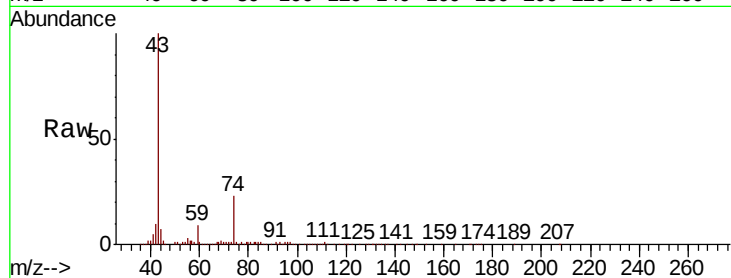




#15
Methvl Acetate
Concen: 24.143 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

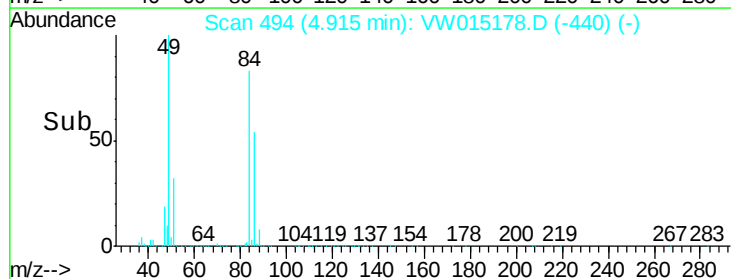
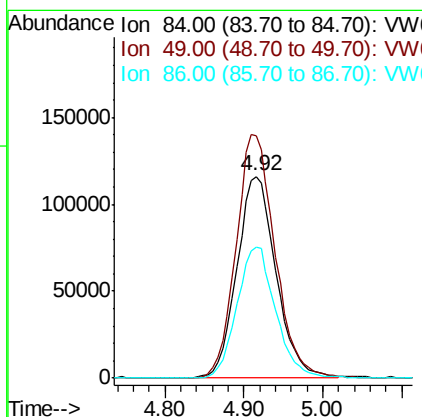
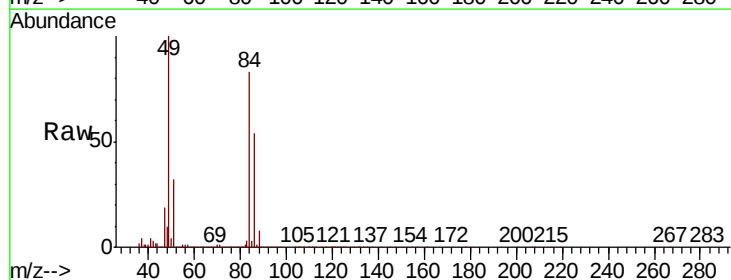
Instrument :
MSVOA_W
ClientSampled :
VICV03

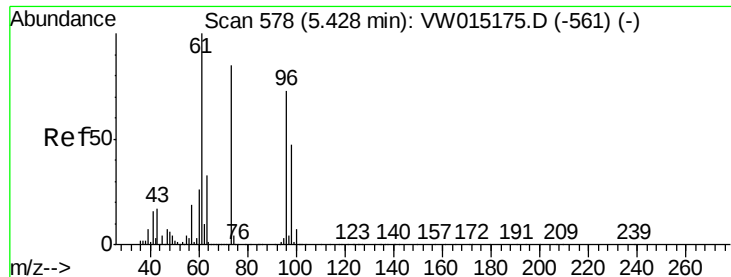
Tot Ion: 43 Resp: 153886
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2



#16
Methylene chloride
Concen: 21.693 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

Tgt Ion: 84 Resp: 398246
Ion Ratio Lower Upper
84 100
49 120.2 85.8 159.4
86 64.9 44.7 82.9

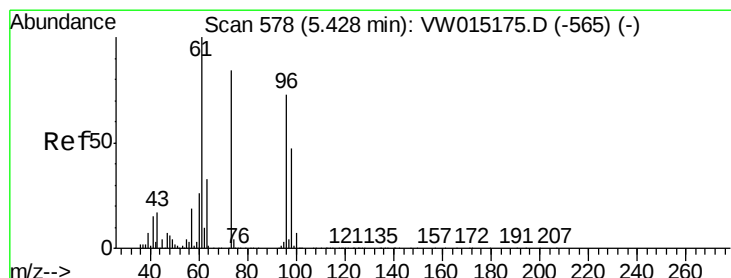
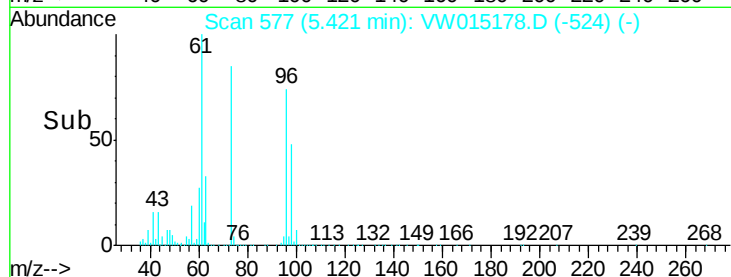
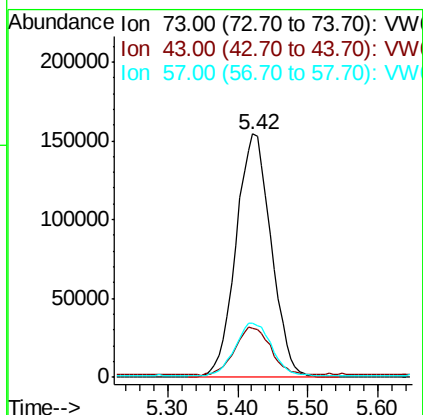
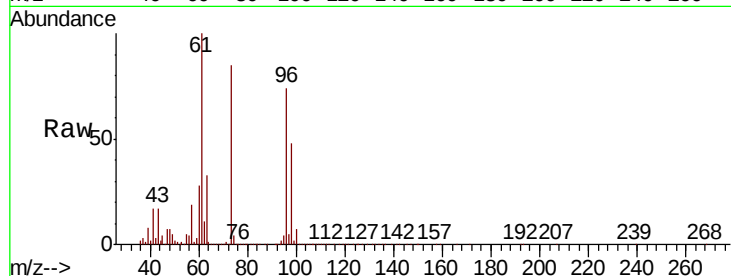




#17
Methvl tert-butvl Ether
Concen: 22.711 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

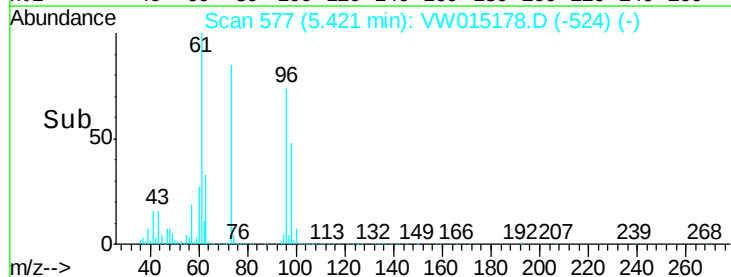
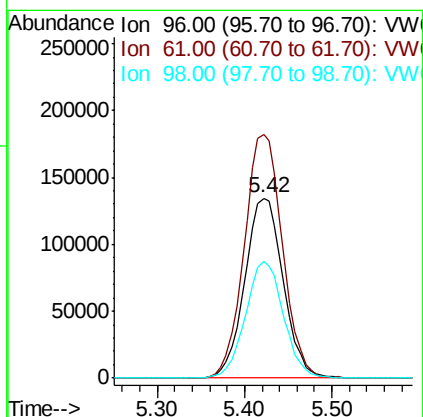
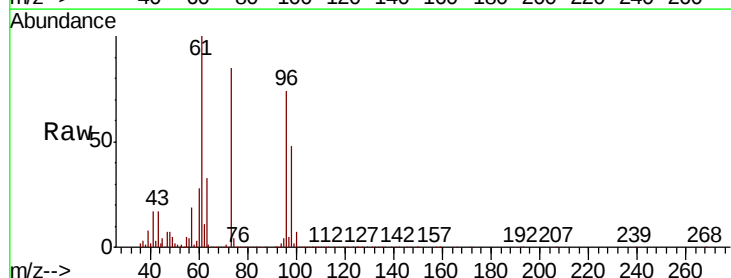
Instrument :
MSVOA_W
ClientSampleId :
VICV03

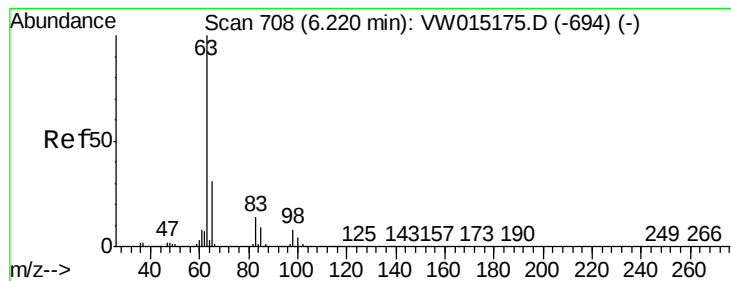
Tot Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.8	23.8
57	22.0	17.6	26.4



#18
trans-1,2-Dichloroethene
Concen: 22.965 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.2	95.5	177.3
98	64.9	45.1	83.9





#19

1,1-Dichloroethane

Concen: 22.770 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampled :

VICV03

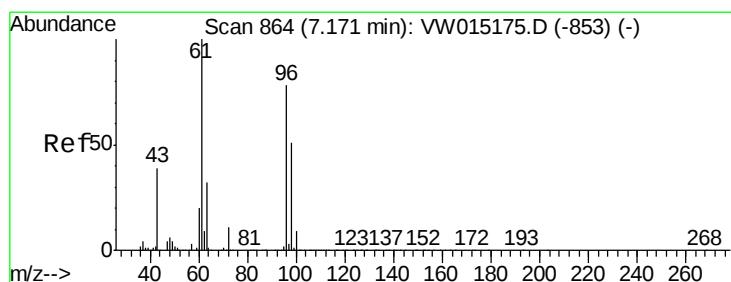
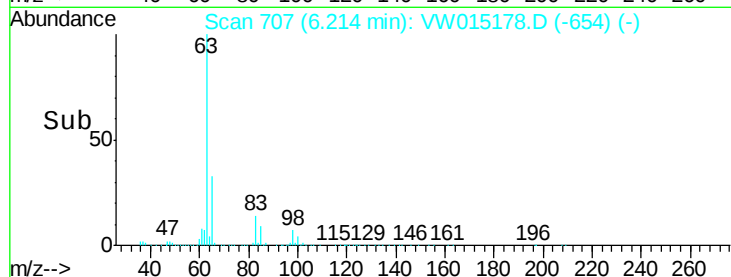
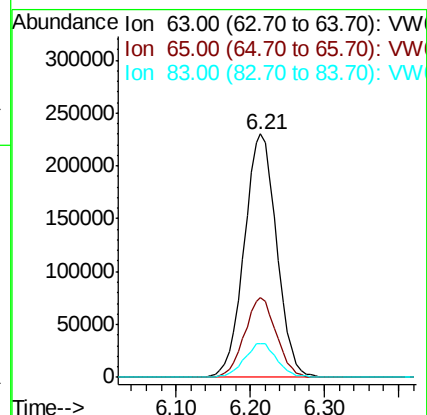
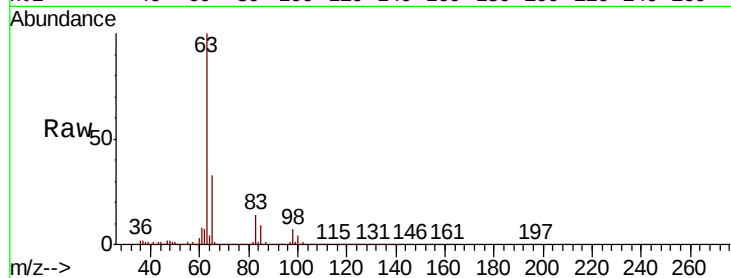
Tot Ion: 63 Resp: 700253

Ion Ratio Lower Upper

63 100

65 32.8 22.0 40.8

83 14.0 9.7 17.9



#21

2-Butanone

Concen: 46.082 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015178.D

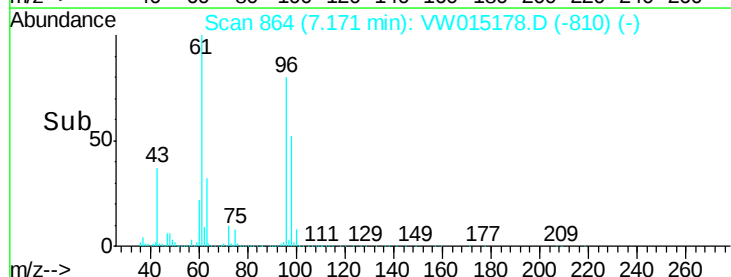
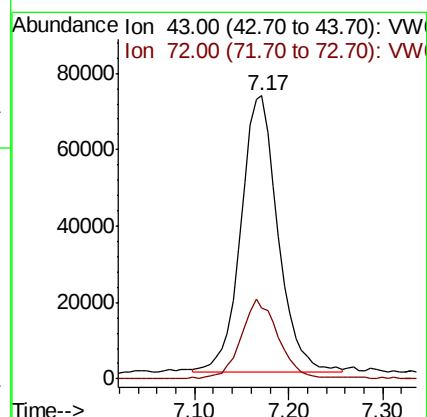
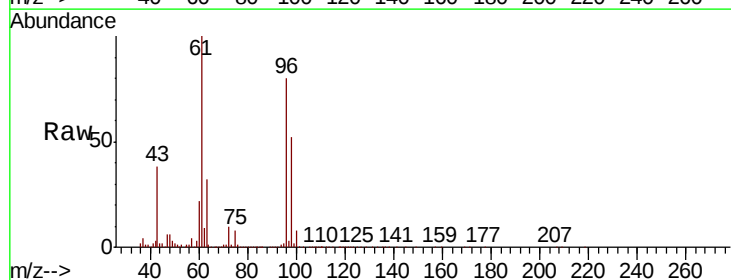
Acq: 10 Apr 2020 13:20

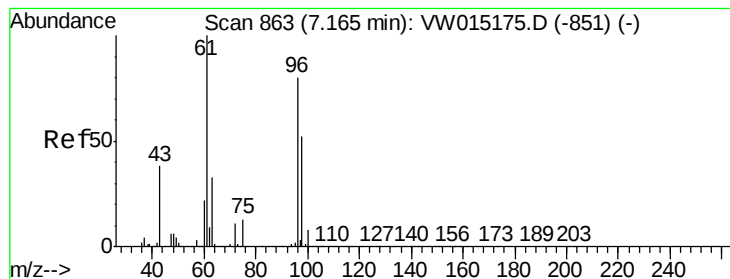
Tgt Ion: 43 Resp: 199488

Ion Ratio Lower Upper

43 100

72 28.7 14.4 43.0



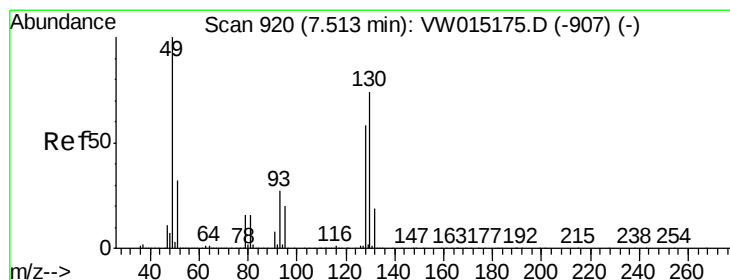
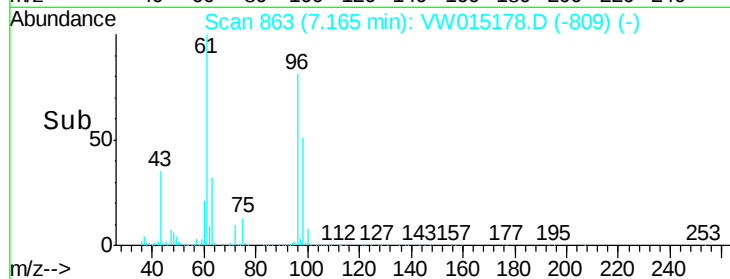
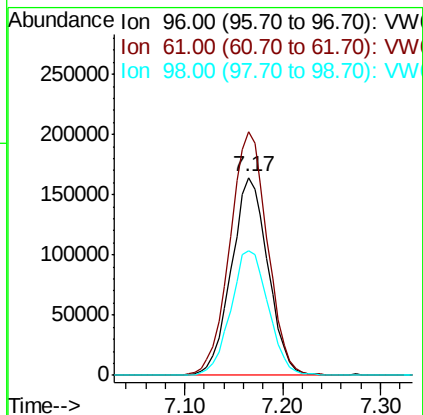
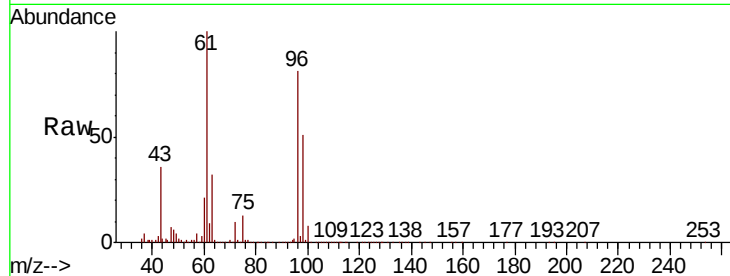


#22

cis-1,2-Dichloroethene
 Concen: 22.934 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

Instrument :
 MSVOA_W
 ClientSampled :
 VICV03

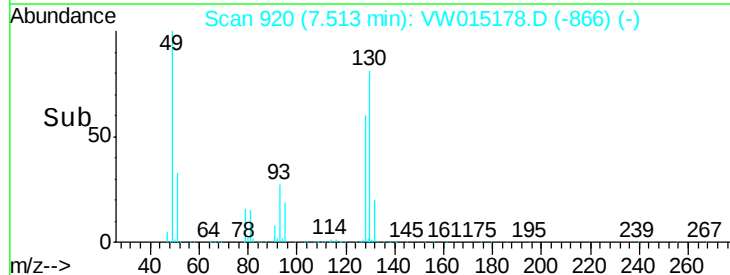
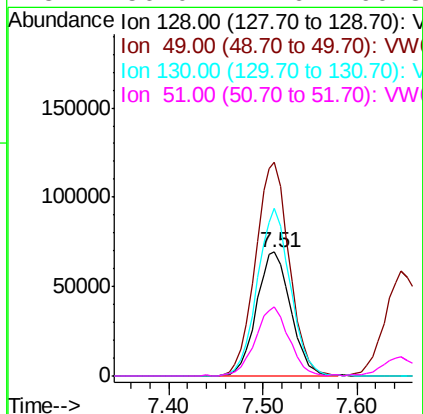
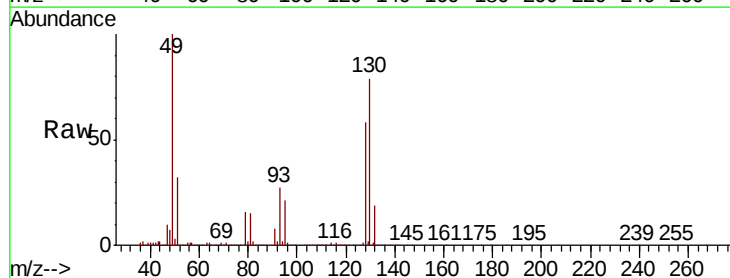
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.0	87.8	163.0
98	62.7	45.7	84.9

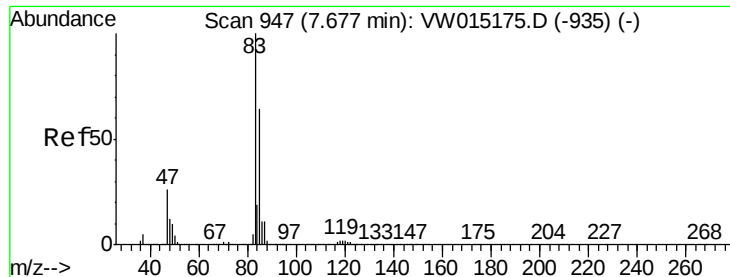


#23

Bromochloromethane
 Concen: 23.195 ug/L
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

Tgt Ion	Ratio	Lower	Upper
128	100		
49	172.4	121.1	224.9
130	135.6	90.1	167.3
51	56.0	44.6	66.8





#25

Chloroform

Concen: 22.546 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

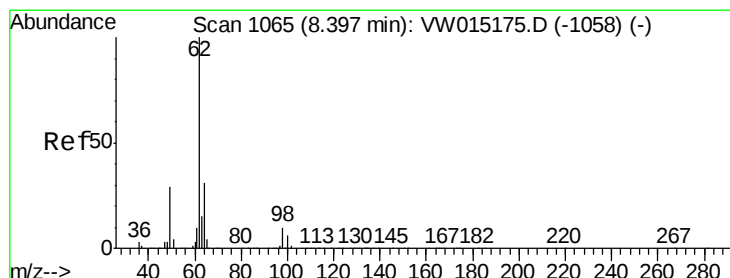
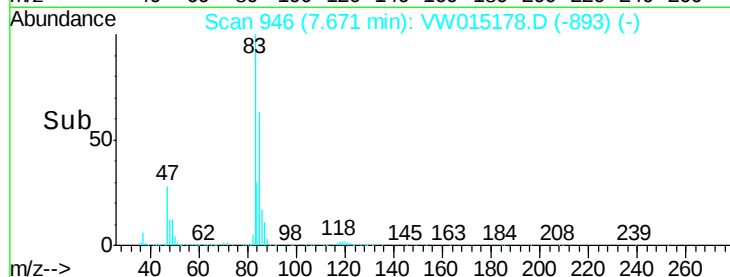
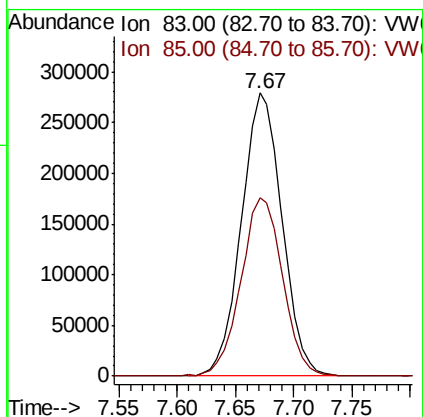
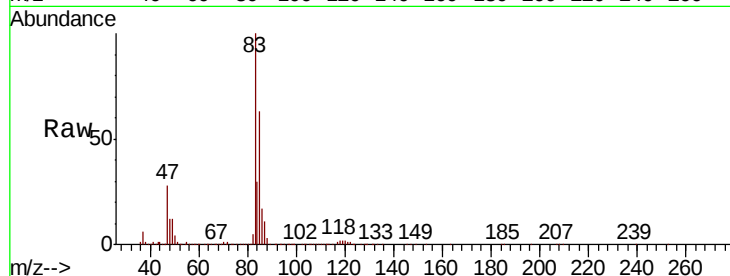
VICV03

Tot Ion: 83 Resp: 674001

Ion Ratio Lower Upper

83 100

85 64.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 22.603 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW015178.D

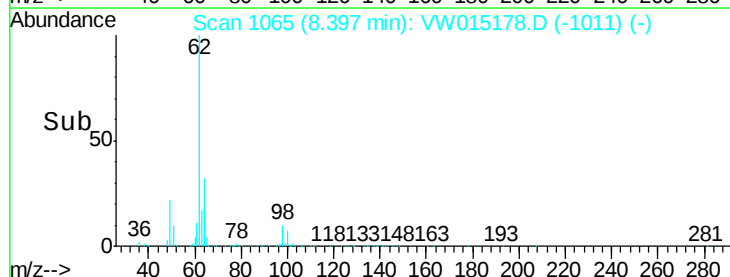
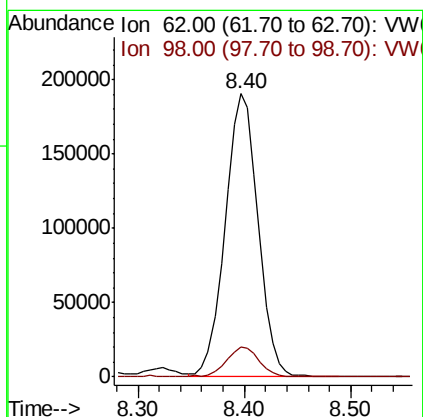
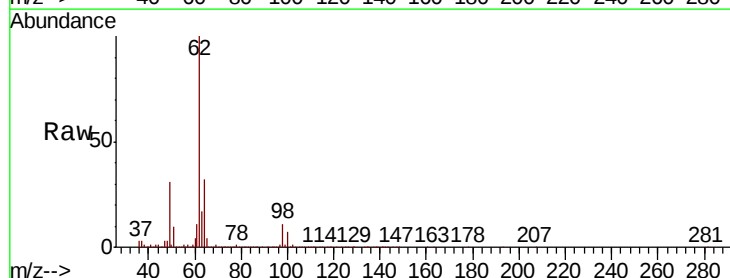
Acq: 10 Apr 2020 13:20

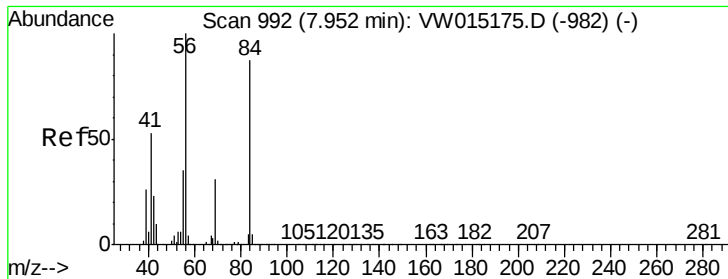
Tgt Ion: 62 Resp: 411090

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9

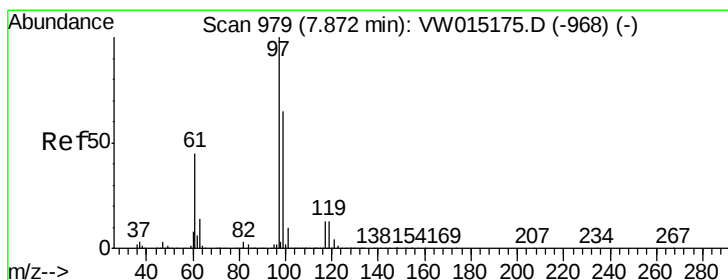
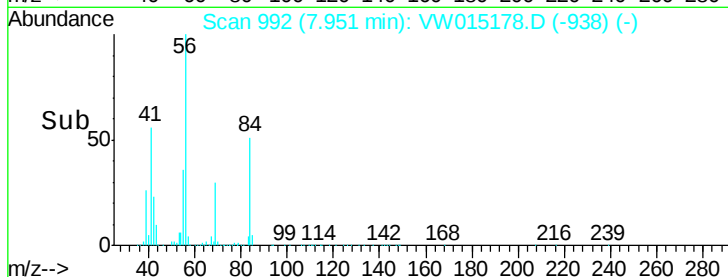
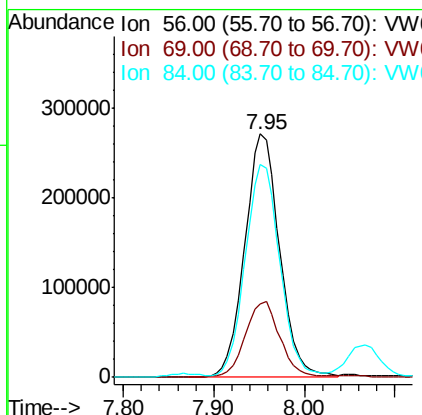
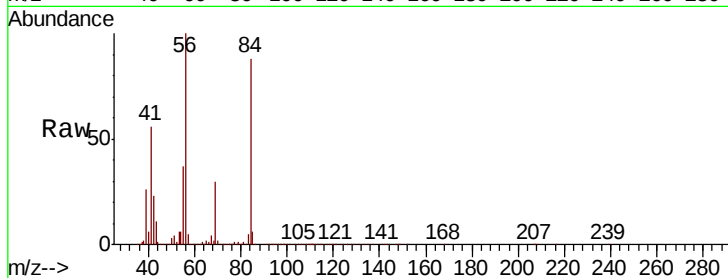




#30
Cyclohexane
Concen: 22.659 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

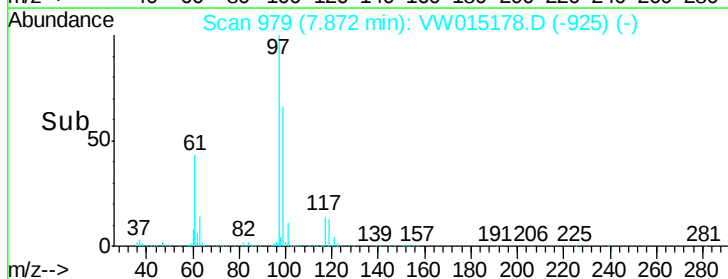
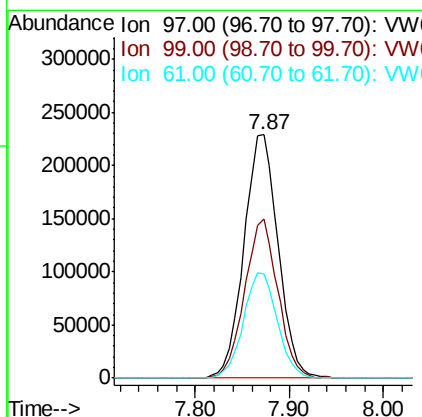
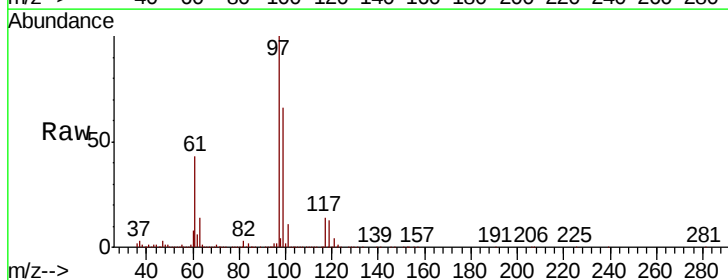
Instrument :
MSVOA_W
ClientSampled :
VICV03

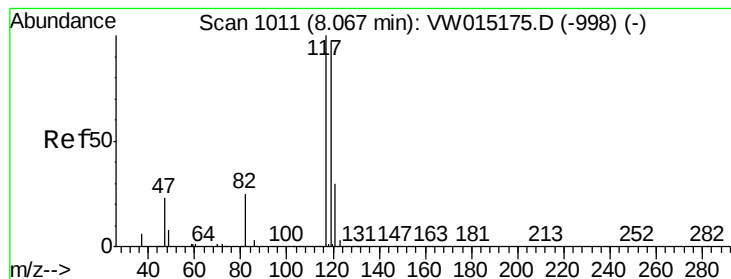
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	87.8	70.6	105.8



#31
1,1,1-Trichloroethane
Concen: 22.522 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	43.2	35.3	52.9





#32

Carbon tetrachloride

Concen: 22.556 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

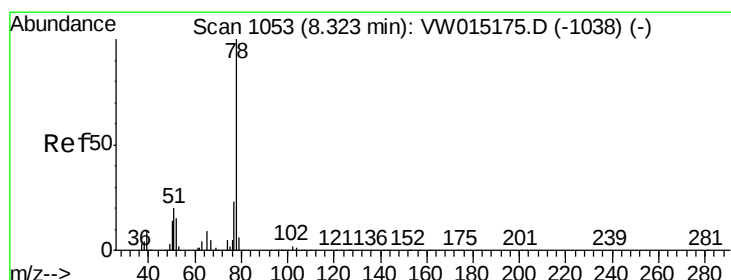
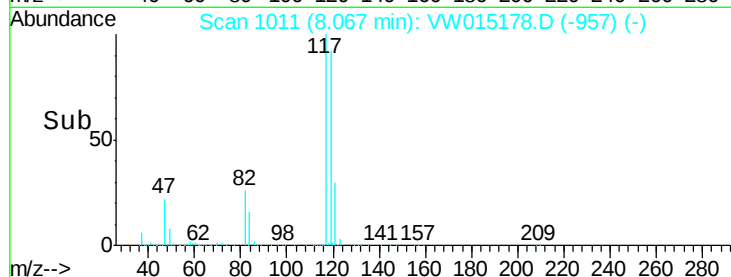
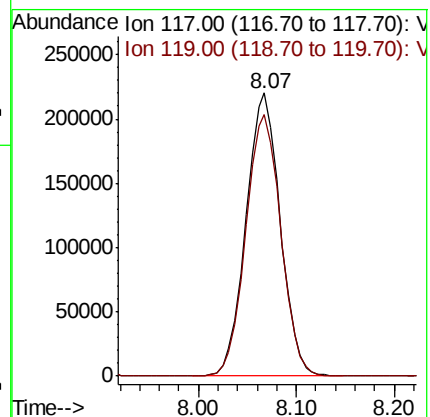
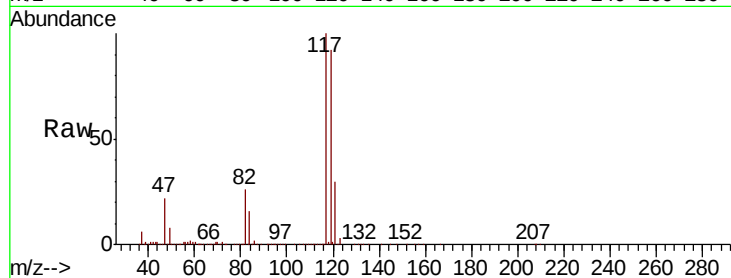
VICV03

Tot Ion:117 Resp: 531249

Ion Ratio Lower Upper

117 100

119 94.9 77.4 116.2



#34

Benzene

Concen: 22.953 ug/L

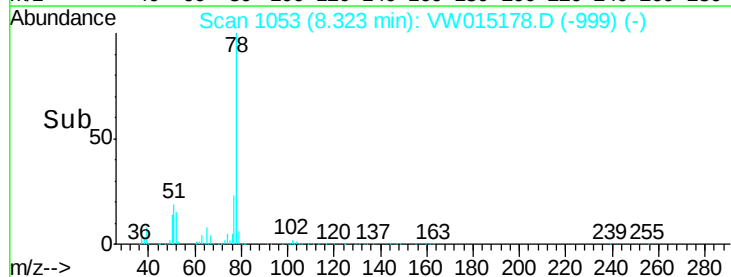
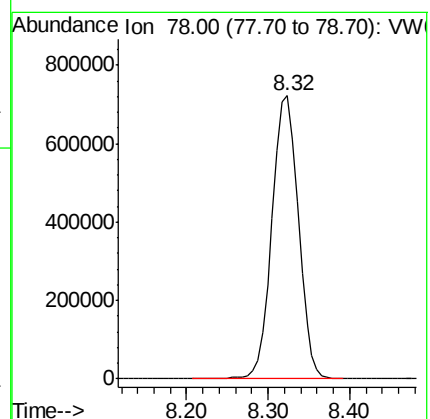
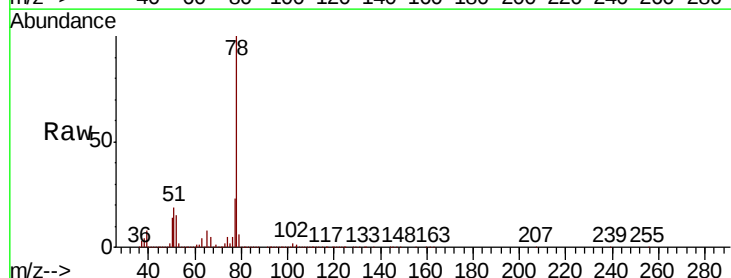
RT: 8.32 min Scan# 1053

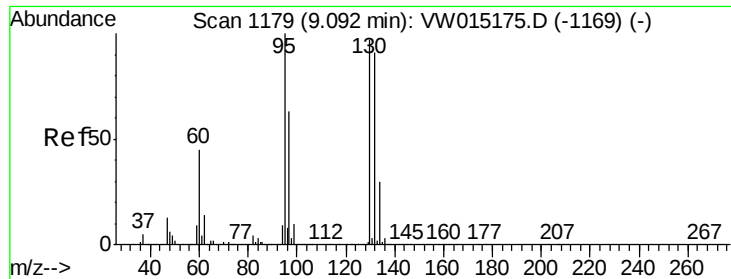
Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Tgt Ion: 78 Resp: 1622703

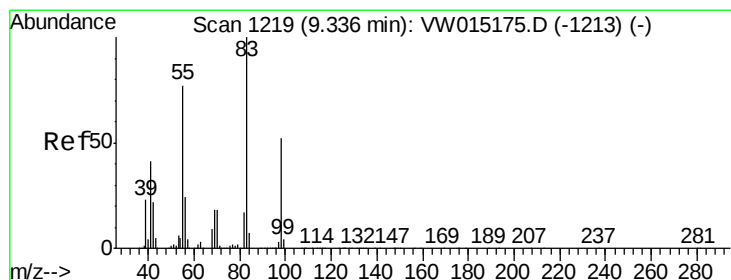
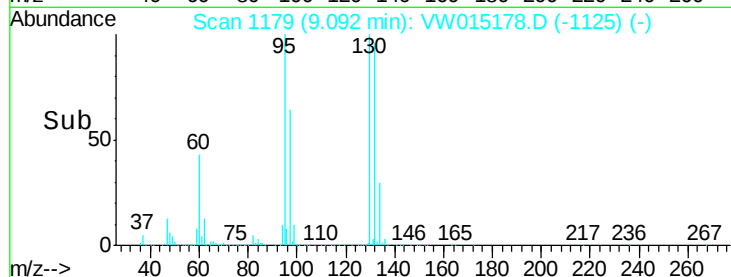
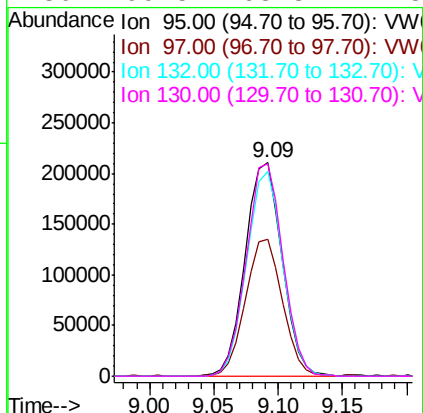
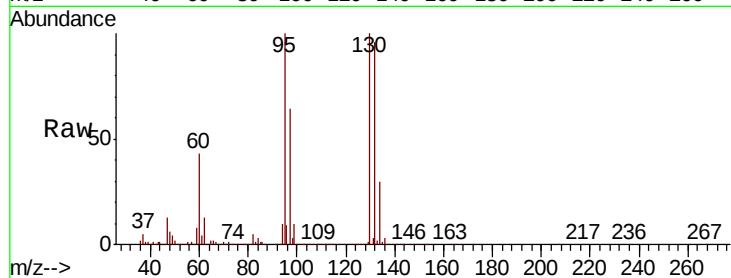




#35
 Trichloroethene
 Concen: 22.283 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

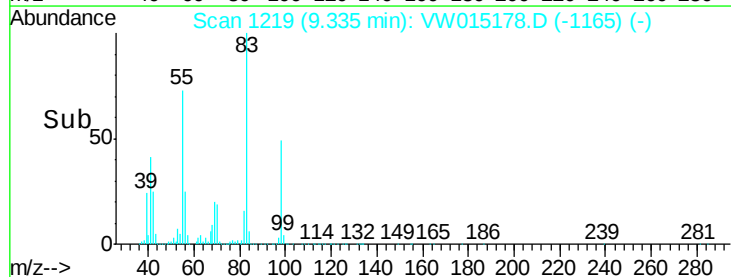
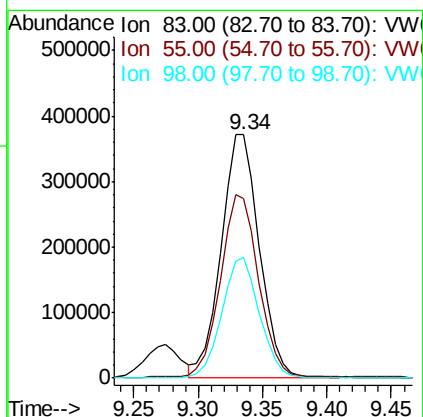
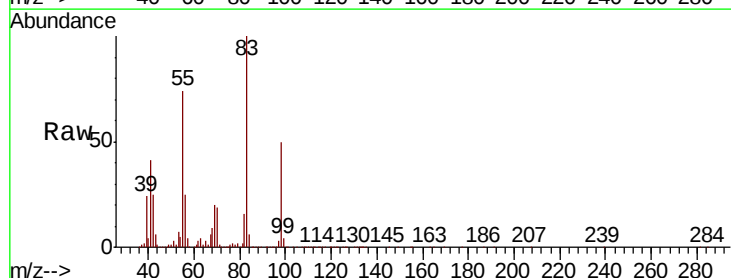
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

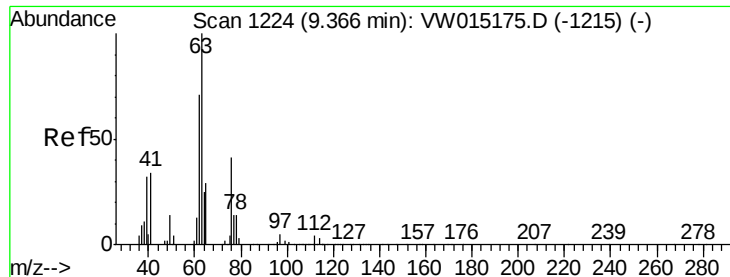
Tot Ion:	95	Resp:	416116
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.7	83.1
132	94.6	65.7	122.1
130	99.5	68.8	127.8



#36
 Methylcyclohexane
 Concen: 22.573 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

Tgt Ion:	83	Resp:	765564
Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.6	91.0
98	48.9	39.4	59.0





#40

1,2-Dichloropropane

Concen: 23.016 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

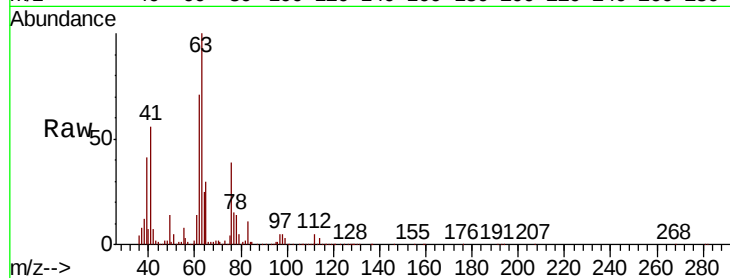
VICV03

Tot Ion: 63 Resp: 396996

Ion Ratio Lower Upper

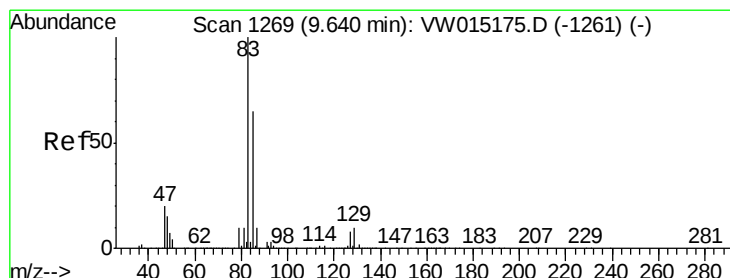
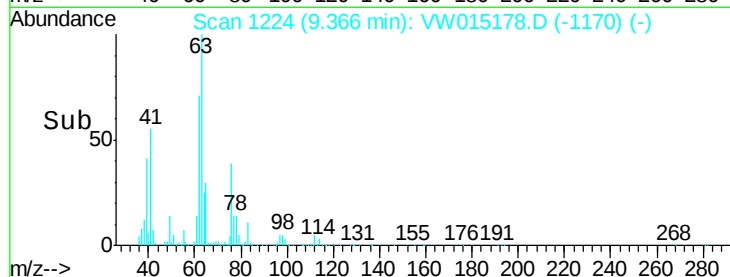
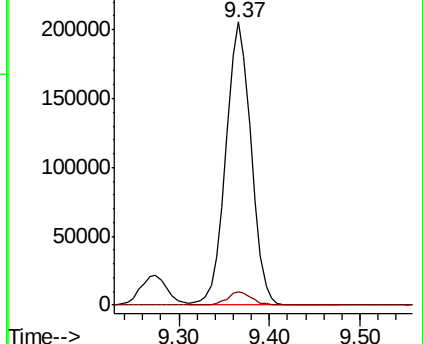
63 100

112 4.6 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 22.595 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

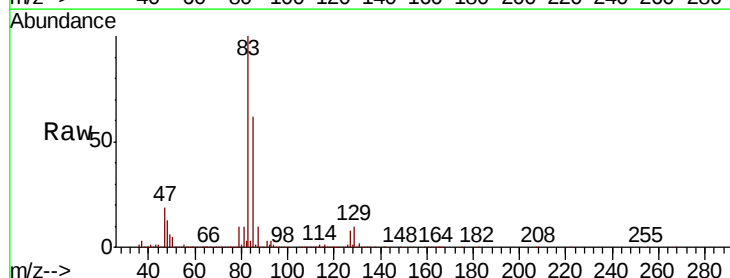
Tgt Ion: 83 Resp: 501041

Ion Ratio Lower Upper

83 100

85 62.0 45.4 84.4

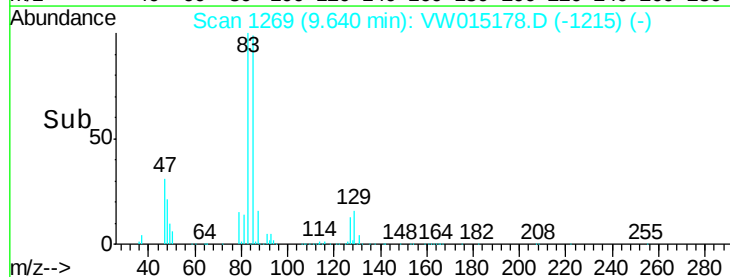
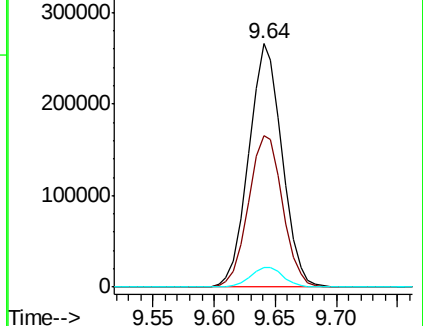
127 8.0 6.5 9.7

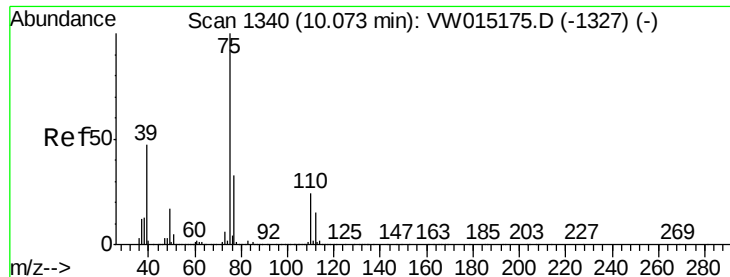


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 22.718 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampled :

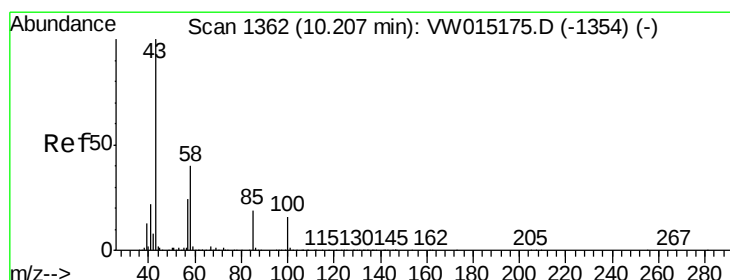
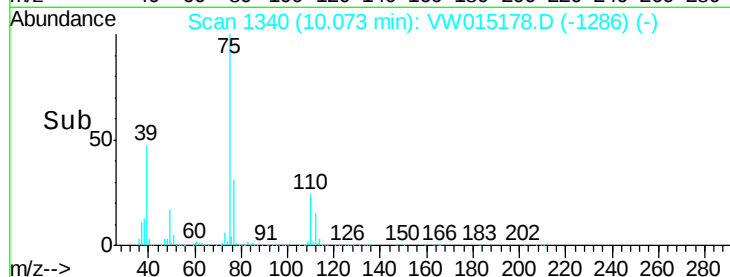
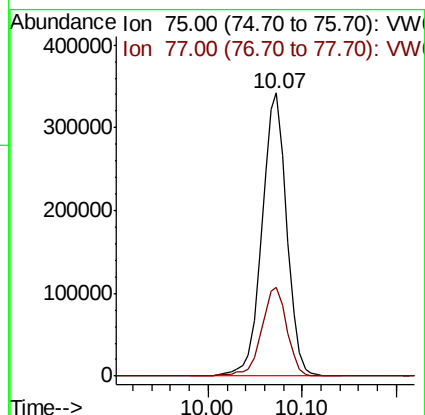
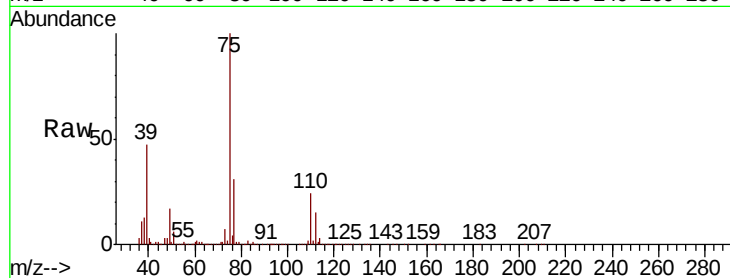
VICV03

Tot Ion: 75 Resp: 632091

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8



#43

4-Methyl-2-pentanone

Concen: 44.731 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

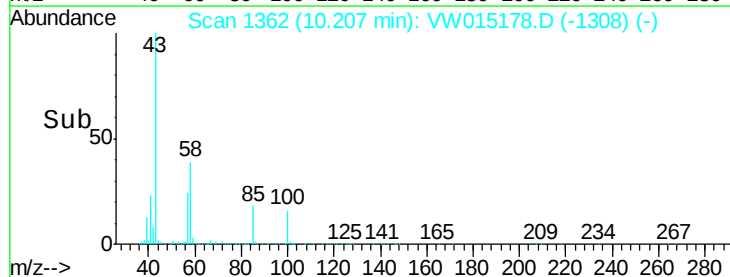
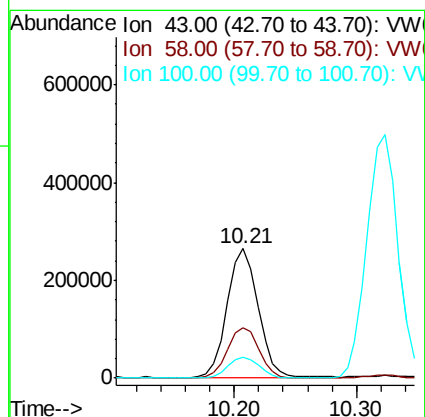
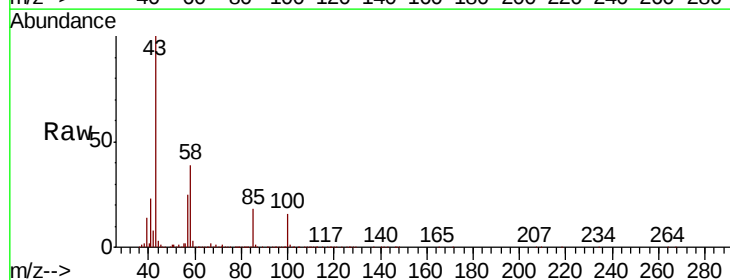
Tgt Ion: 43 Resp: 459571

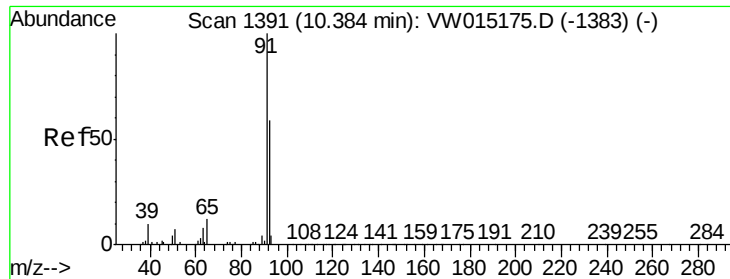
Ion Ratio Lower Upper

43 100

58 40.1 33.0 49.4

100 16.3 12.9 19.3





#44

Toluene

Concen: 23.125 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

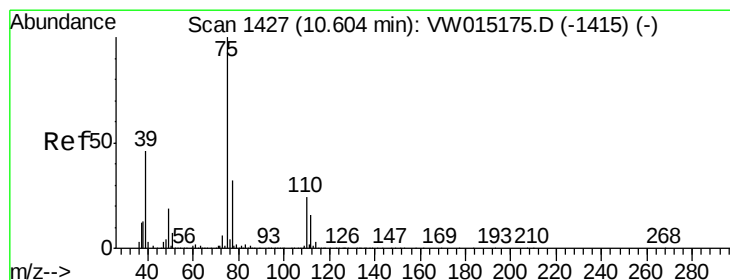
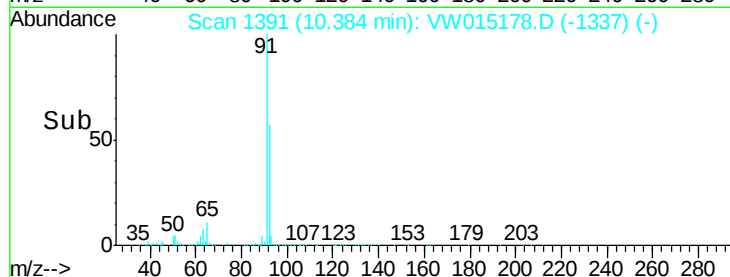
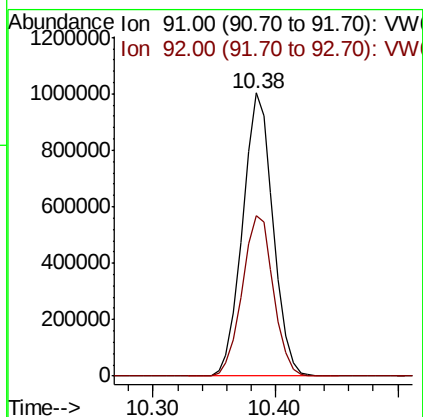
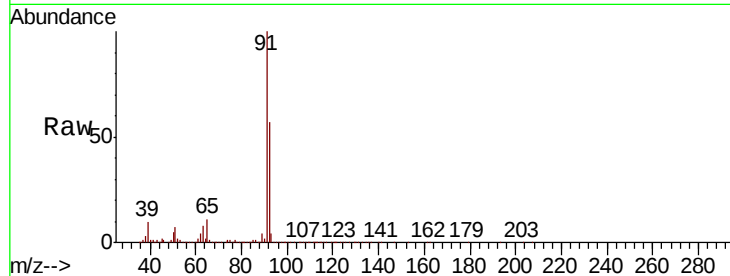
VICV03

Tot Ion: 91 Resp: 1722590

Ion Ratio Lower Upper

91 100

92 56.8 41.6 77.2



#45

trans-1,3-Dichloropropene

Concen: 22.531 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015178.D

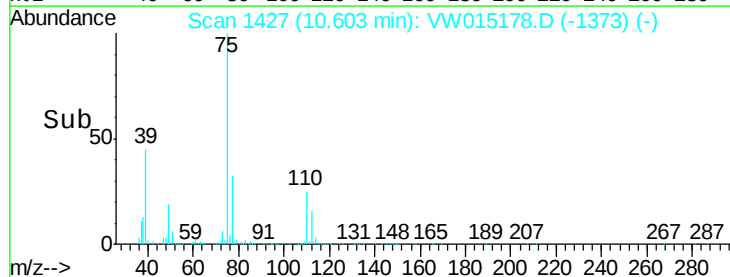
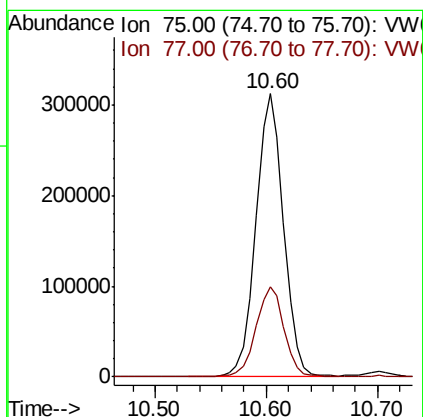
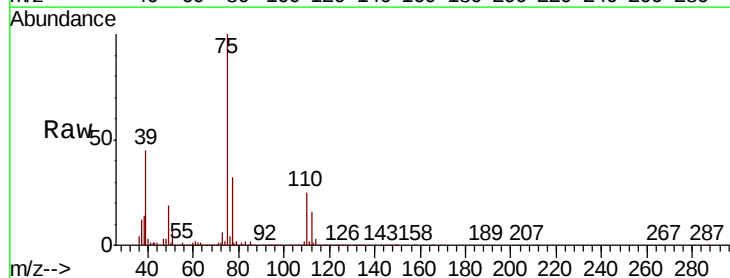
Acq: 10 Apr 2020 13:20

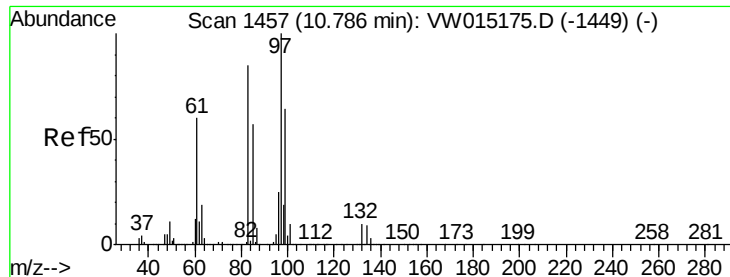
Tgt Ion: 75 Resp: 539600

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

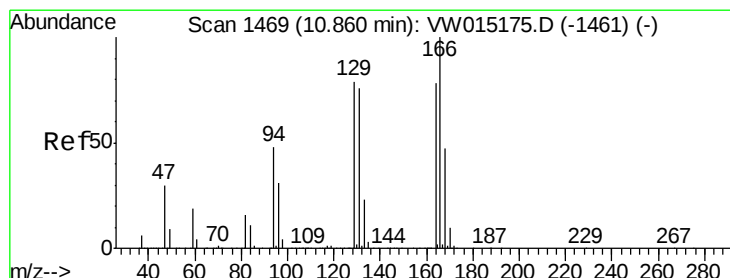
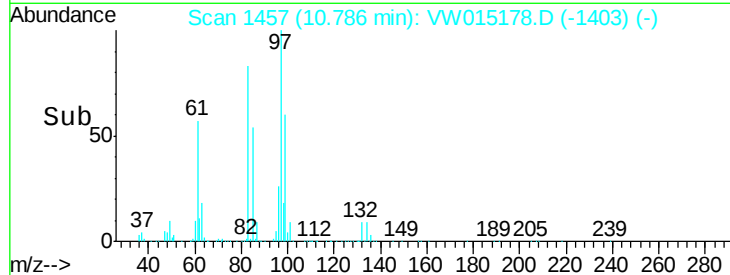
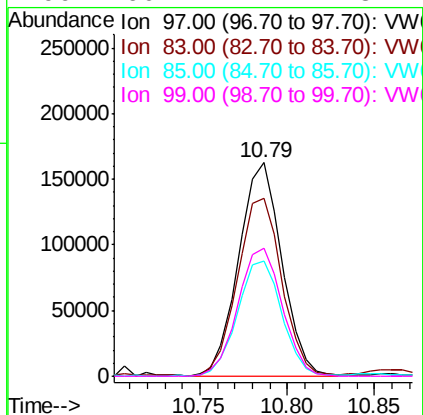
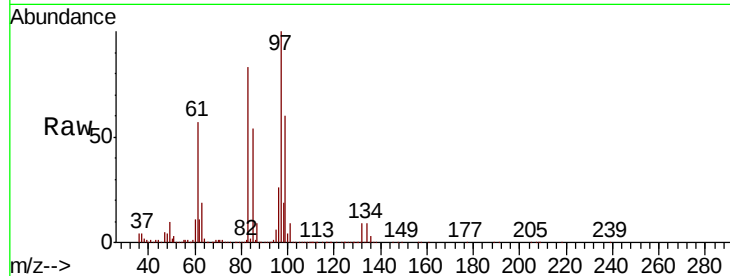




#46
 1,1,2-Trichloroethane
 Concen: 22.674 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

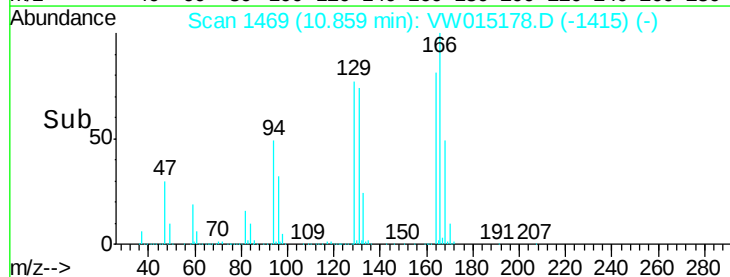
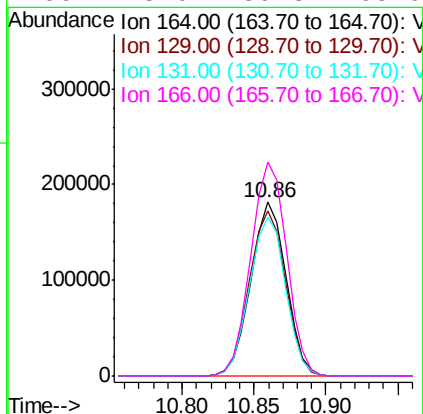
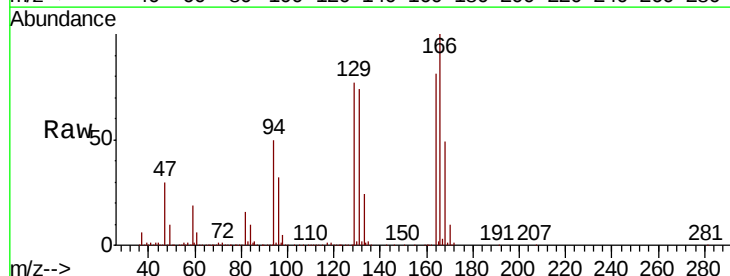
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

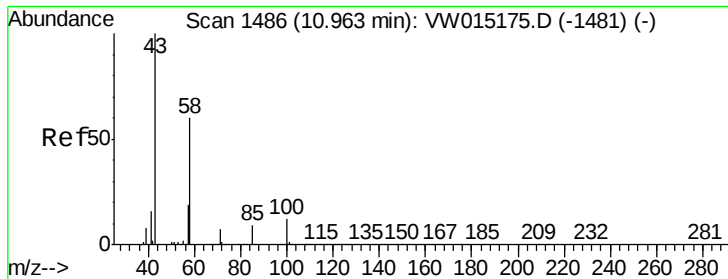
Tot Ion:	97	Resp:	278598
Ion	Ratio	Lower	Upper
97	100		
83	83.2	59.8	111.0
85	54.1	39.8	73.8
99	60.1	44.4	82.4



#47
 Tetrachloroethene
 Concen: 22.960 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

Tgt Ion:	164	Resp:	307029
Ion	Ratio	Lower	Upper
164	100		
129	95.2	70.7	131.3
131	91.4	67.6	125.6
166	123.0	89.3	165.9

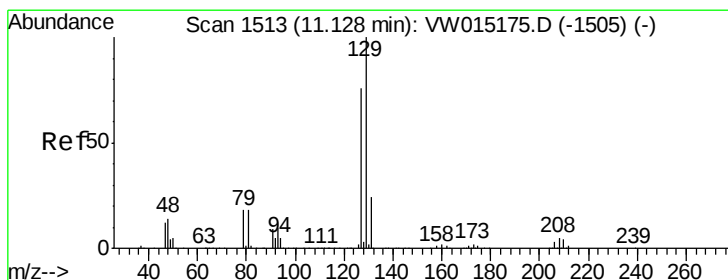
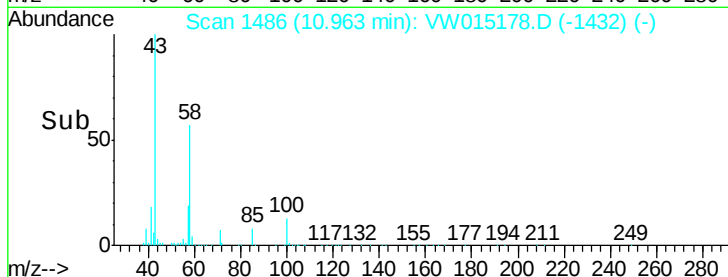
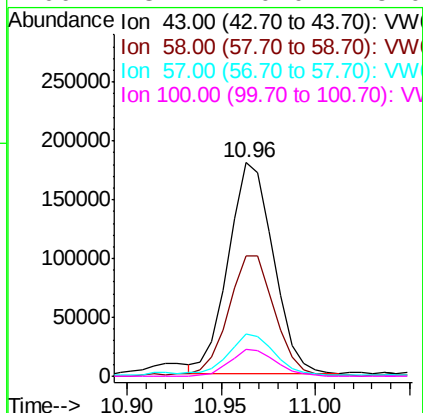
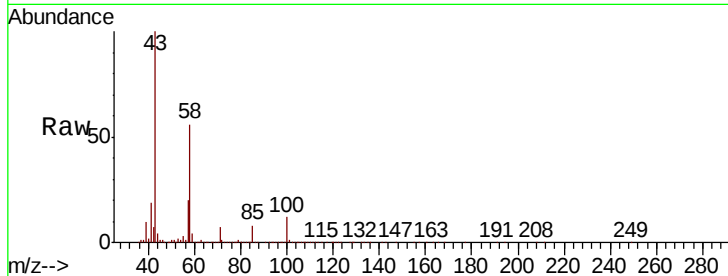




#49
2-Hexanone
Concen: 43.787 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

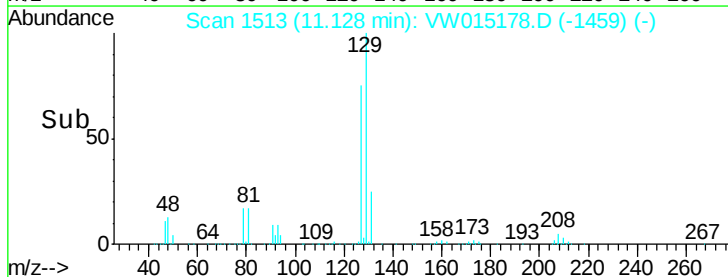
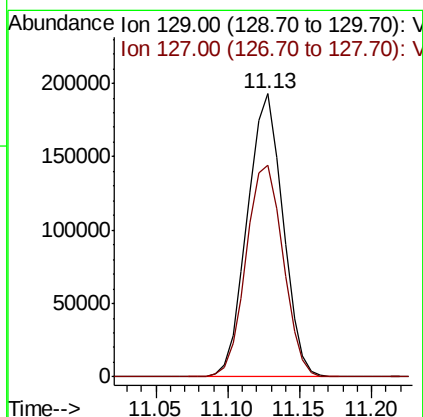
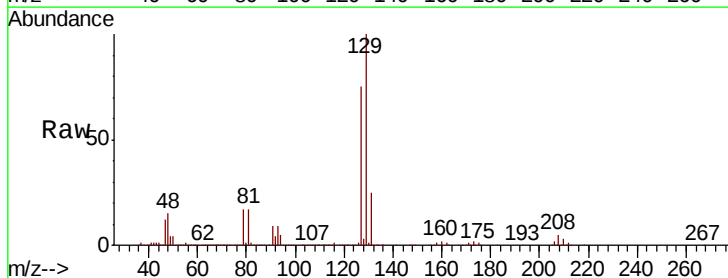
Instrument :
MSVOA_W
ClientSampled :
VICV03

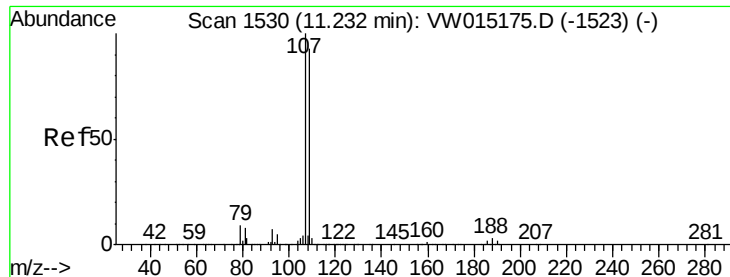
Tot Ion:	43	Resp:	296454
Ion	Ratio	Lower	Upper
43	100		
58	58.3	45.4	68.2
57	19.9	15.2	22.8
100	13.2	10.0	15.0



#50
Dibromochloromethane
Concen: 22.953 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015178.D
Acq: 10 Apr 2020 13:20

Tgt Ion:	129	Resp:	330086
Ion	Ratio	Lower	Upper
129	100		
127	74.9	53.1	98.7





#51

1,2-Dibromoethane

Concen: 22.767 ug/L

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

VICV03

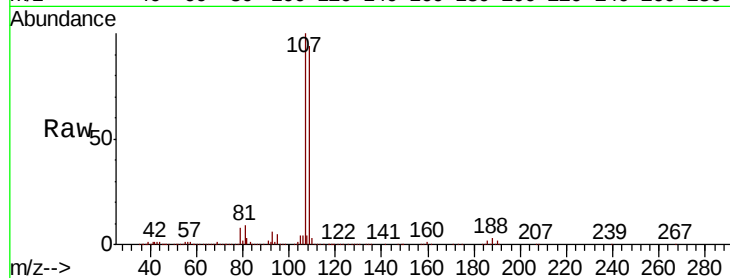
Tot Ion:107 Resp: 263691

Ion Ratio Lower Upper

107 100

109 93.6 65.0 120.8

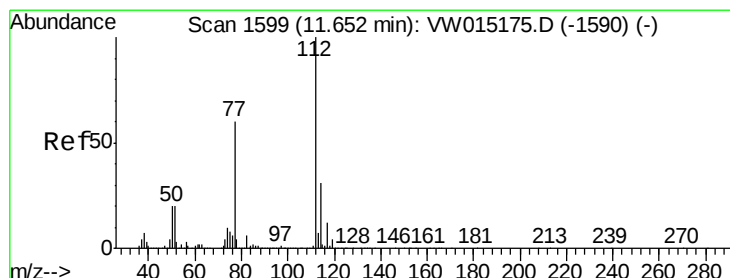
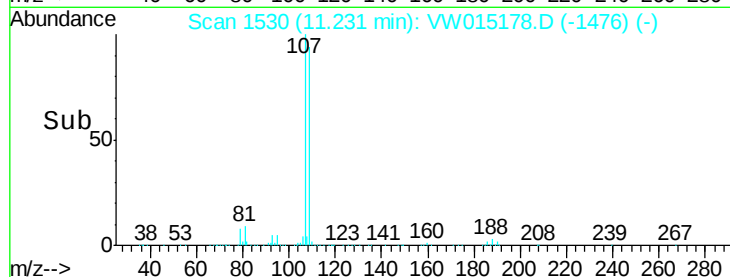
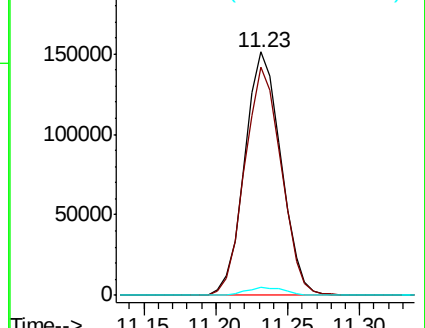
188 3.2 2.6 4.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#52

Chlorobenzene

Concen: 23.116 ug/L

RT: 11.65 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

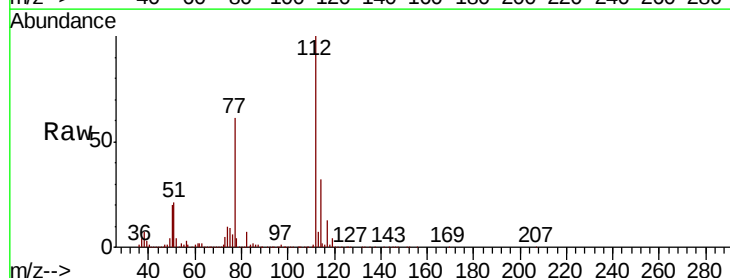
Tgt Ion:112 Resp: 1057799

Ion Ratio Lower Upper

112 100

77 60.8 47.8 71.8

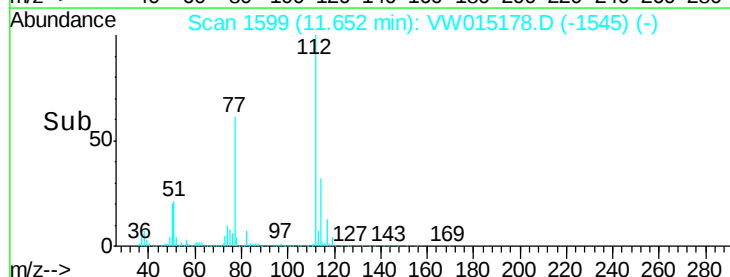
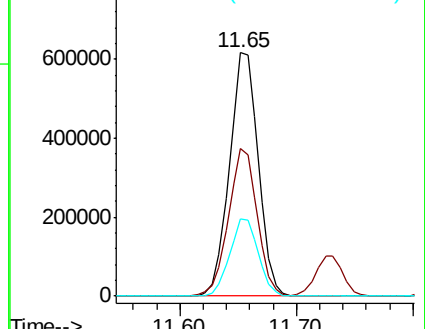
114 31.8 21.8 40.6

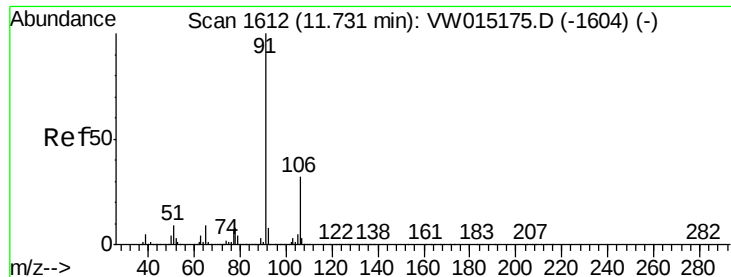


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 23.033 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

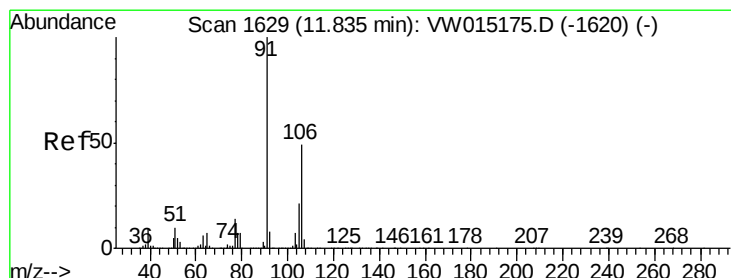
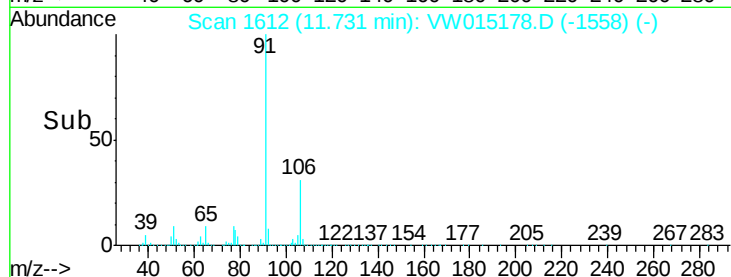
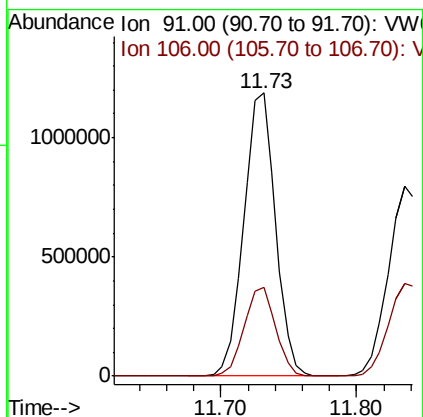
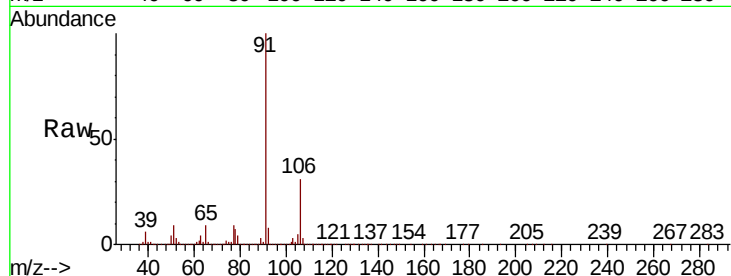
VICV03

Tot Ion: 91 Resp: 1929710

Ion Ratio Lower Upper

91 100

106 31.2 22.5 41.7



#54

m,p-Xylene

Concen: 23.017 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW015178.D

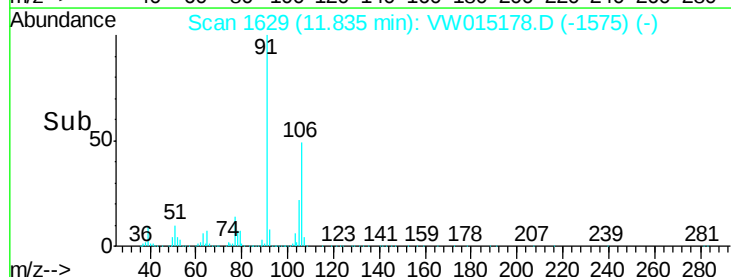
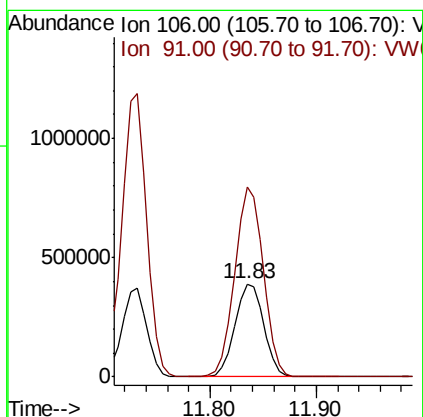
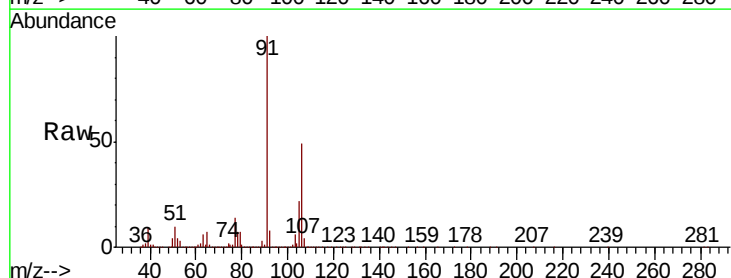
Acq: 10 Apr 2020 13:20

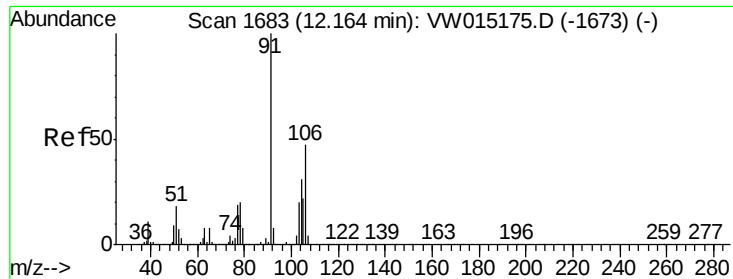
Tgt Ion: 106 Resp: 739559

Ion Ratio Lower Upper

106 100

91 204.4 142.7 264.9





#55

o-xylene

Concen: 23.135 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampled :

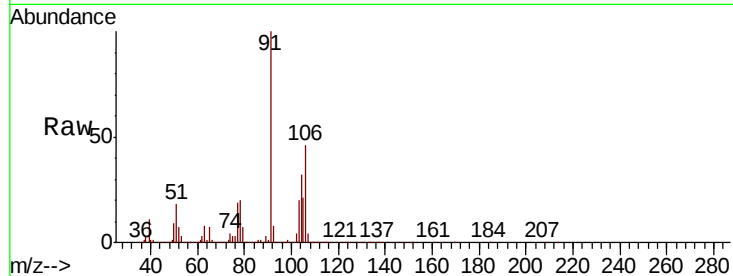
VICV03

Tot Ion:106 Resp: 710463

Ion Ratio Lower Upper

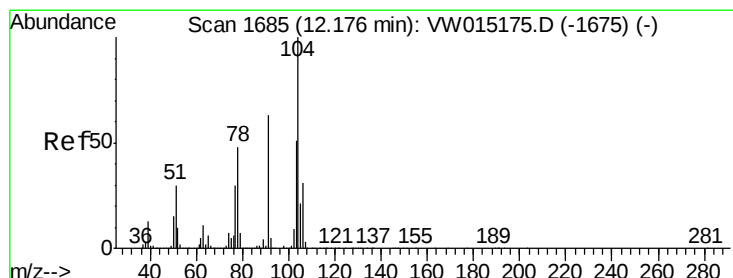
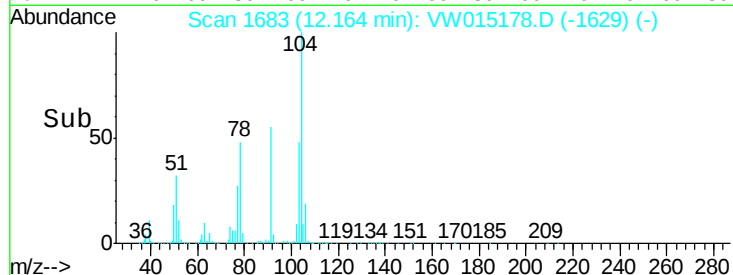
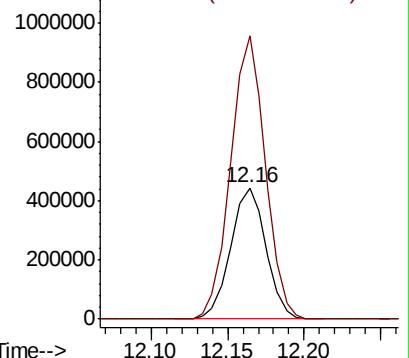
106 100

91 215.2 150.1 278.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 23.250 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VW015178.D

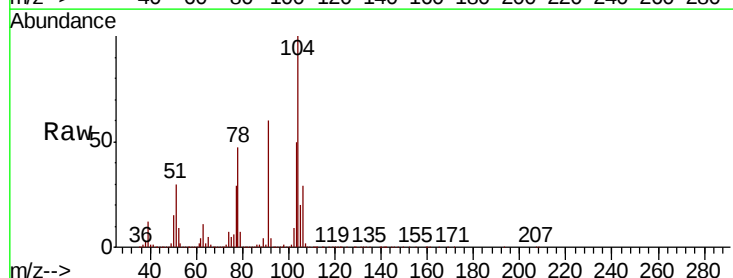
Acq: 10 Apr 2020 13:20

Tgt Ion:104 Resp: 1200847

Ion Ratio Lower Upper

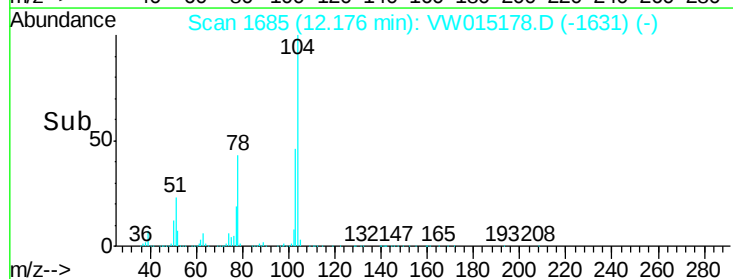
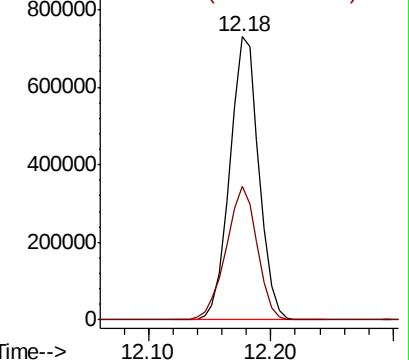
104 100

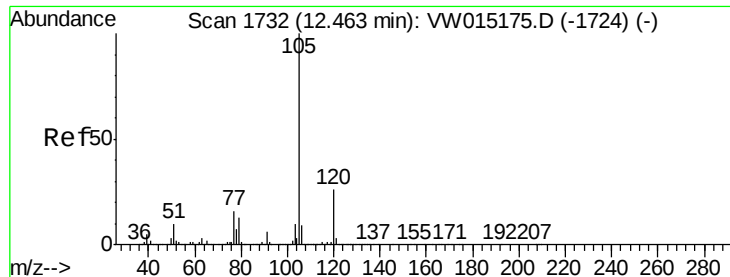
78 47.3 33.9 63.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 23.221 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

VICV03

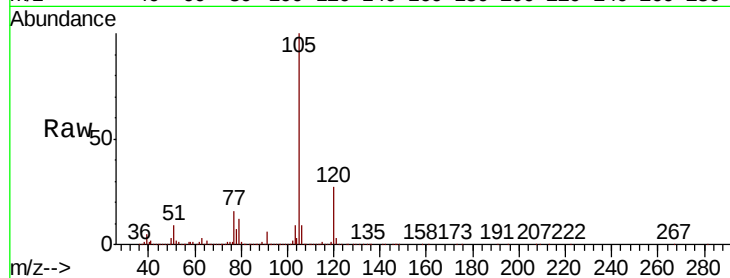
Tot Ion:105 Resp: 1925190

Ion Ratio Lower Upper

105 100

120 26.9 21.4 32.2

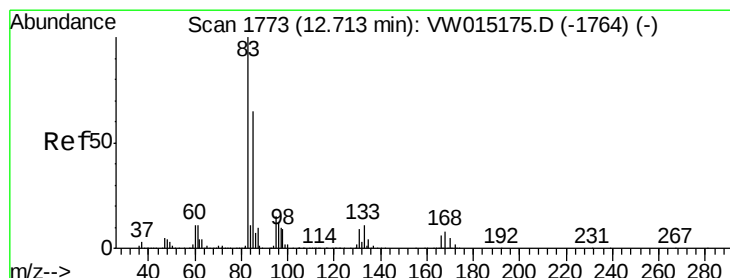
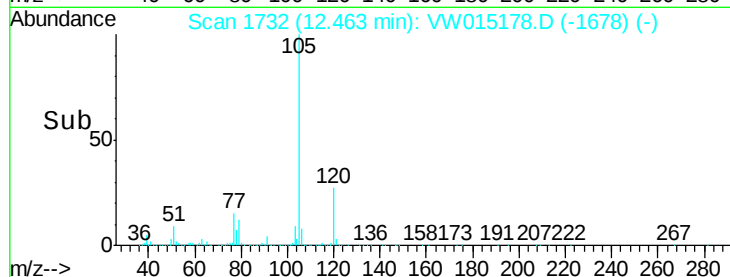
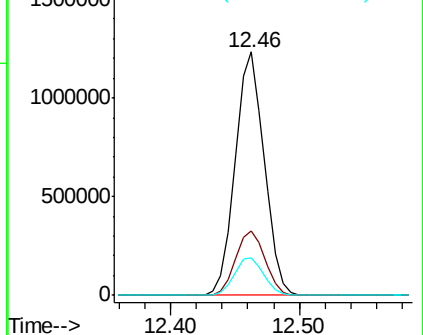
77 15.6 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 22.328 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

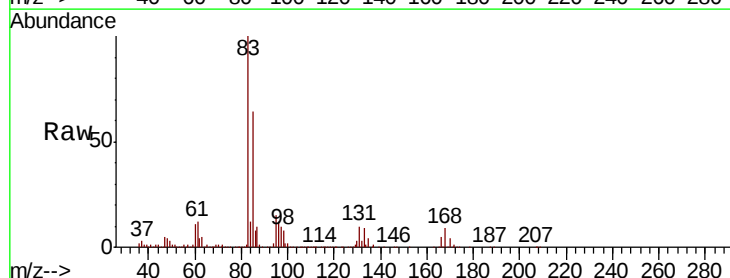
Tgt Ion: 83 Resp: 319667

Ion Ratio Lower Upper

83 100

85 64.0 45.8 85.0

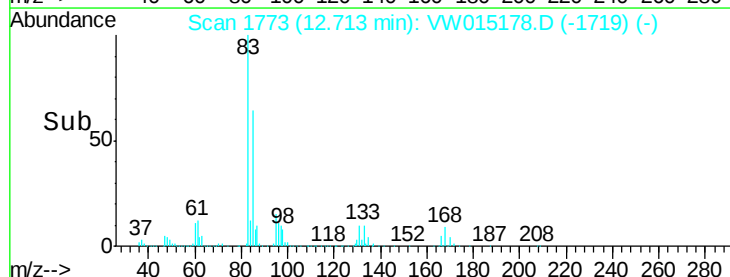
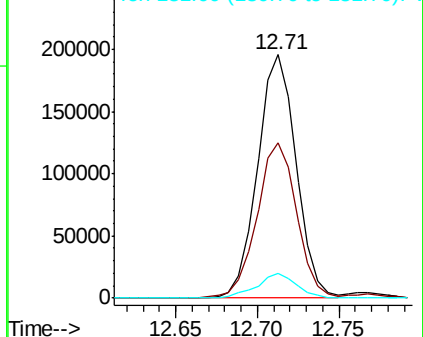
131 10.1 7.2 10.8

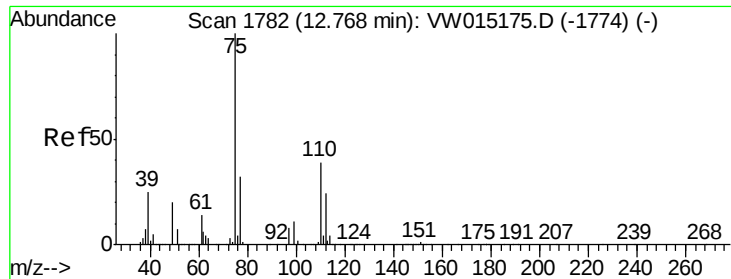


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 22.361 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

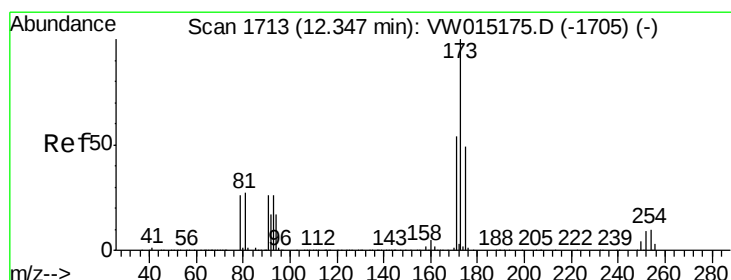
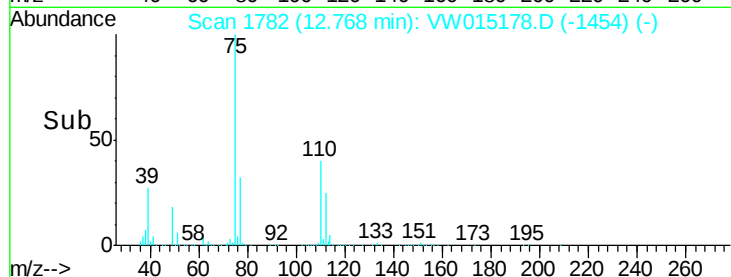
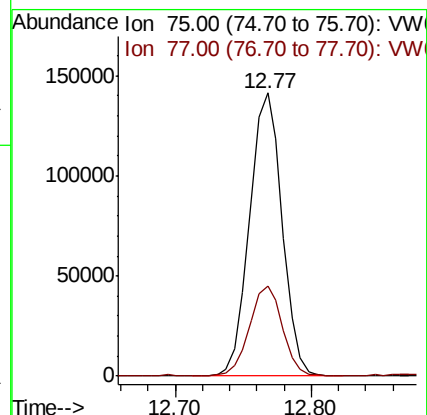
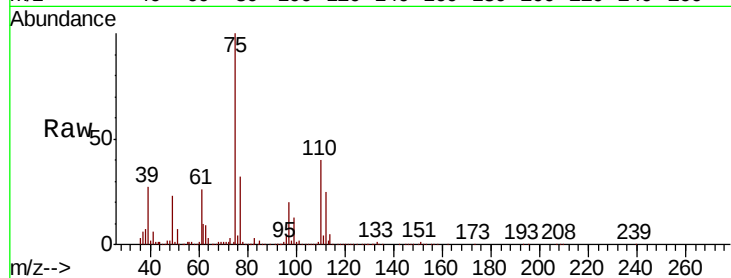
VICV03

Tot Ion: 75 Resp: 236565

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#62

Bromoform

Concen: 22.065 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

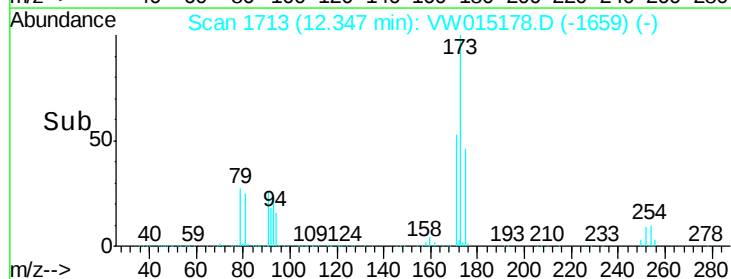
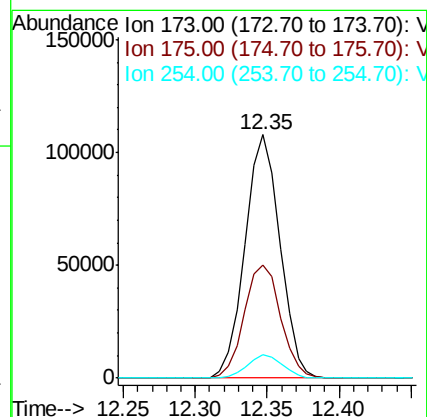
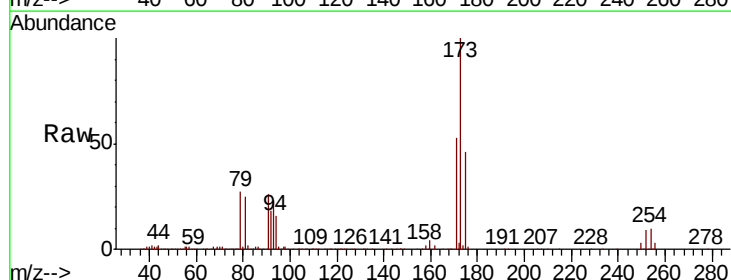
Tgt Ion: 173 Resp: 181806

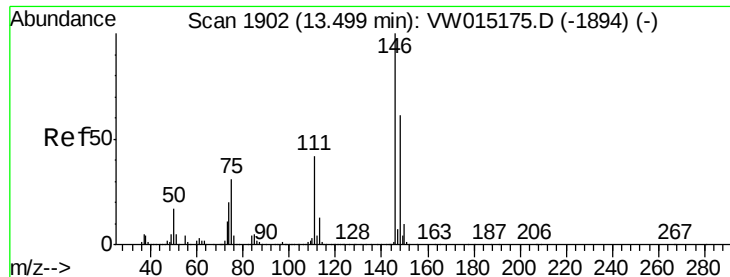
Ion Ratio Lower Upper

173 100

175 48.4 38.5 57.7

254 9.6 7.2 10.8





#63

1,3-Dichlorobenzene

Concen: 22.910 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

VICV03

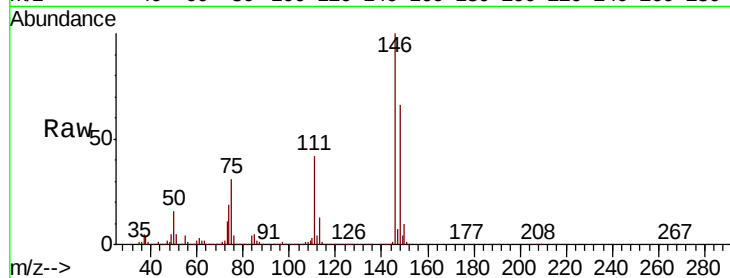
Tot Ion:146 Resp: 779312

Ion Ratio Lower Upper

146 100

111 41.5 29.3 54.3

148 66.0 42.9 79.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

600000

500000

400000

300000

200000

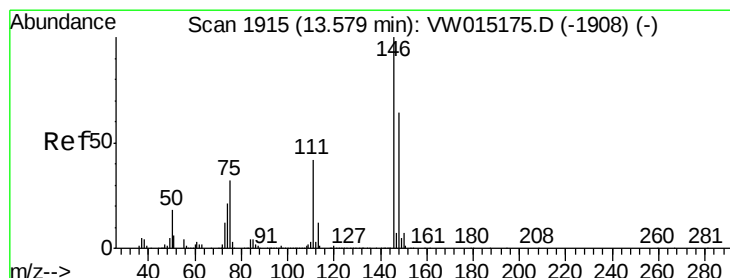
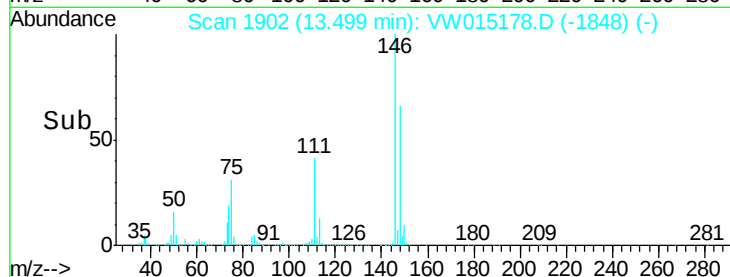
100000

0

13.40

13.50

Time-->



#64

1,4-Dichlorobenzene

Concen: 22.792 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

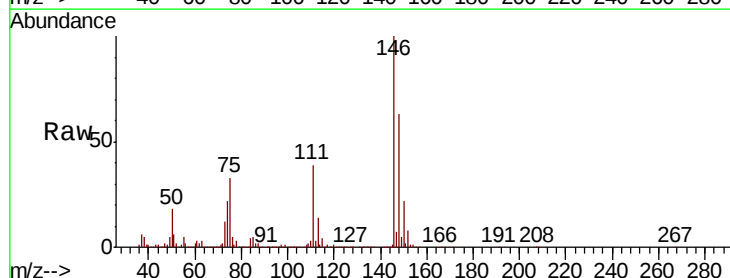
Tgt Ion:146 Resp: 753081

Ion Ratio Lower Upper

146 100

111 39.4 29.4 54.6

148 63.0 44.8 83.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

600000

500000

400000

300000

200000

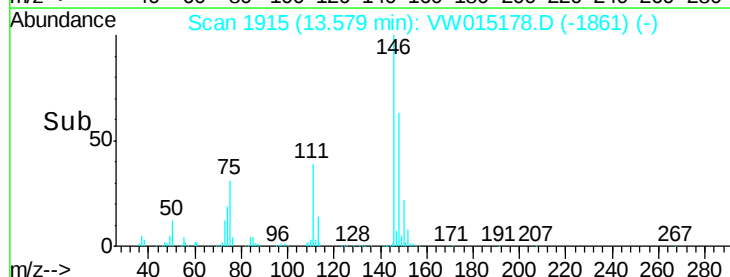
100000

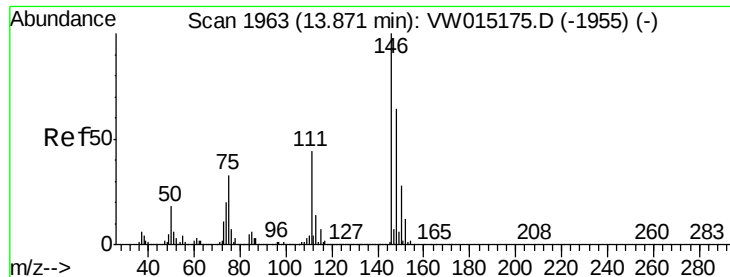
0

13.50

13.58

Time-->

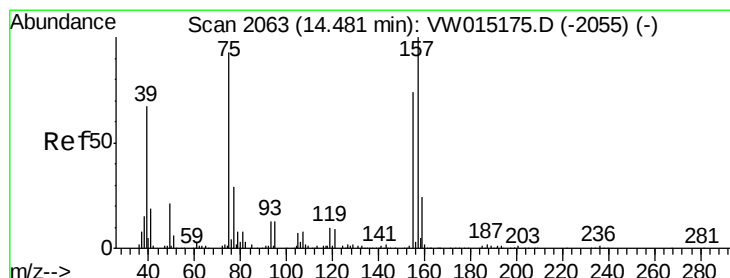
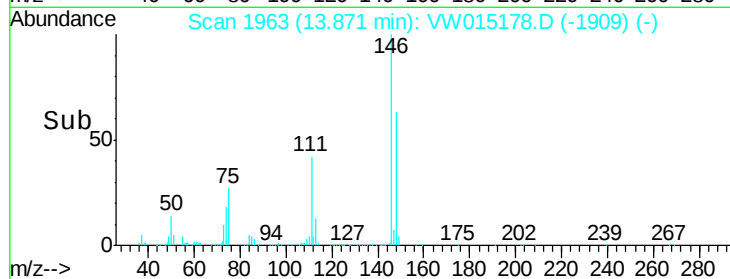
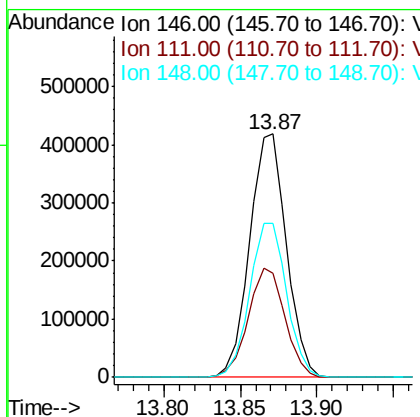
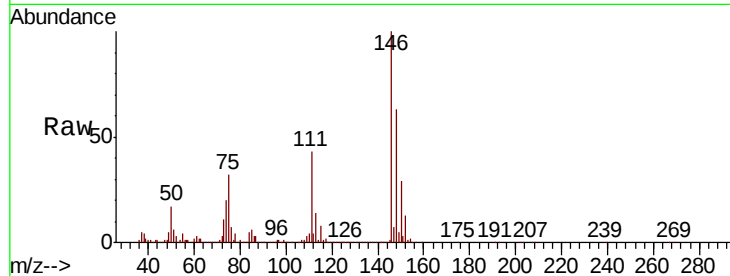




#65
 1,2-Dichlorobenzene
 Concen: 23.161 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

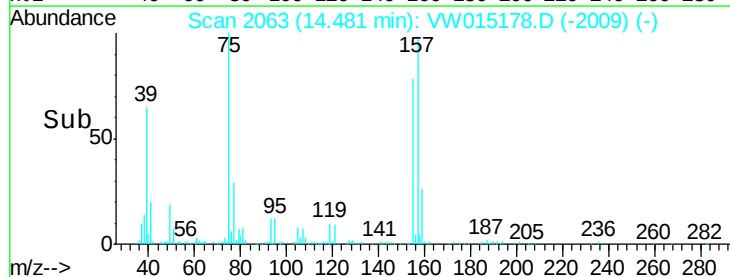
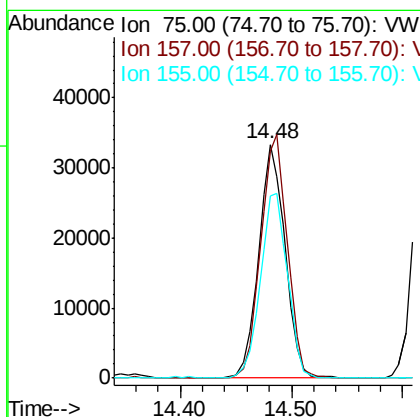
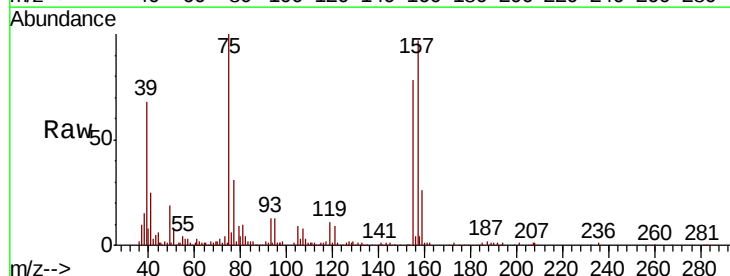
Instrument :
 MSVOA_W
 ClientSampled :
 VICV03

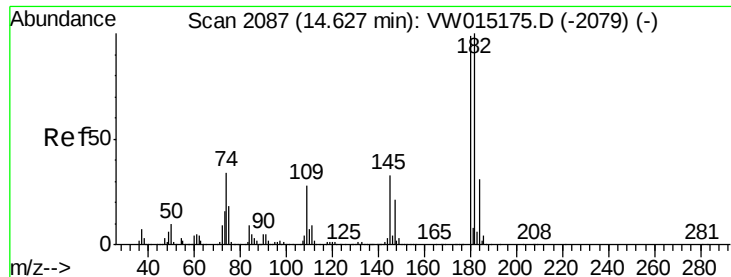
Tot Ion:146 Resp: 699683
 Ion Ratio Lower Upper
 146 100
 111 42.6 35.2 52.8
 148 63.5 51.6 77.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 21.977 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

Tgt Ion: 75 Resp: 54983
 Ion Ratio Lower Upper
 75 100
 157 97.2 85.7 128.5
 155 78.0 63.8 95.6

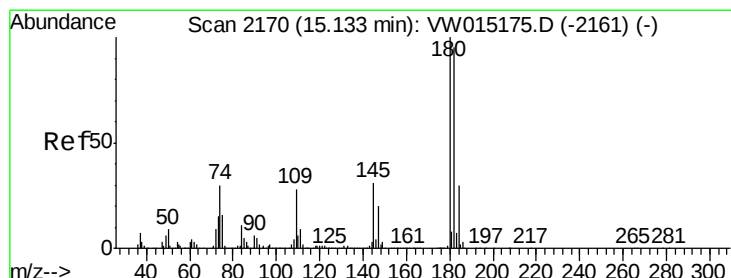
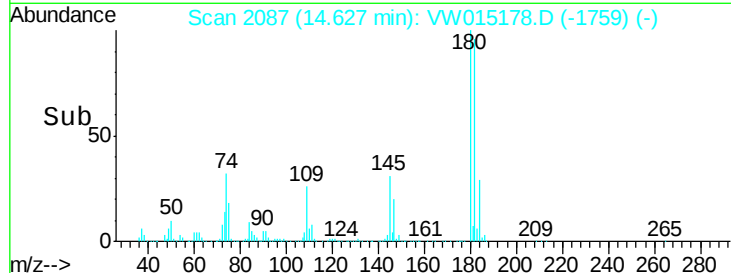
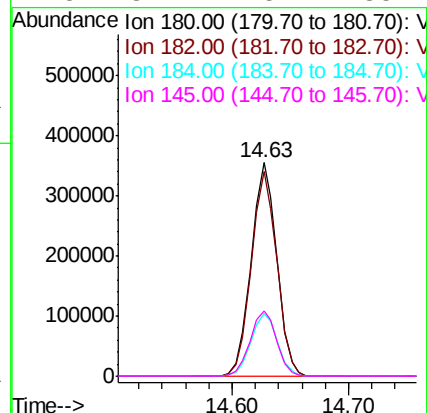
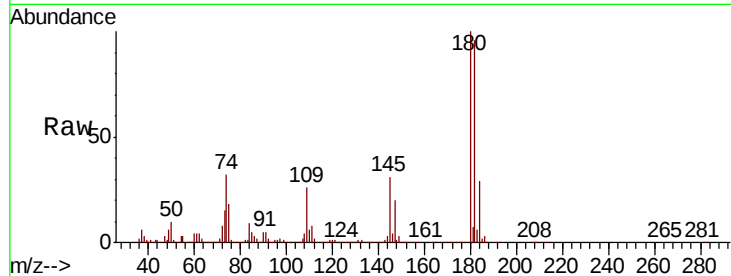




#67
 1,3,5-Trichlorobenzene
 Concen: 23.315 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

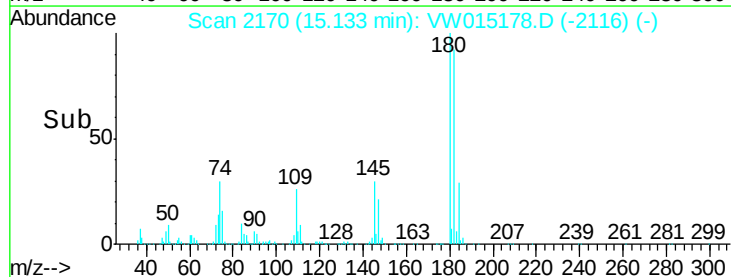
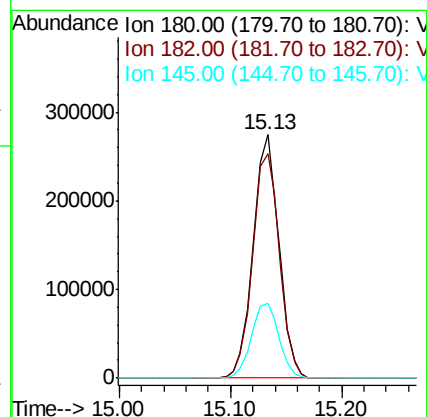
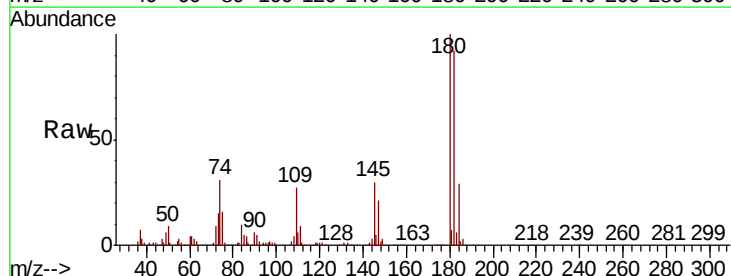
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

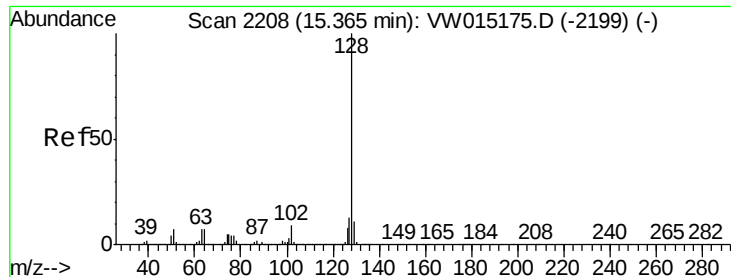
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
184	30.2	24.5	36.7
145	31.7	25.4	38.2



#68
 1,2,4-trichlorobenzene
 Concen: 23.704 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015178.D
 Acq: 10 Apr 2020 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.7	116.5
145	32.9	25.9	38.9





#69

Naphthalene

Concen: 24.444 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

Instrument :

MSVOA_W

ClientSampleId :

VICV03

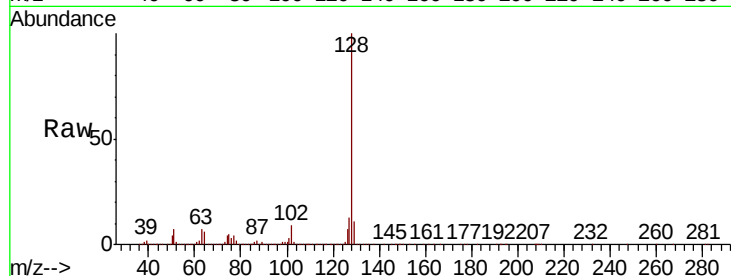
Tot Ion:128 Resp: 915394

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

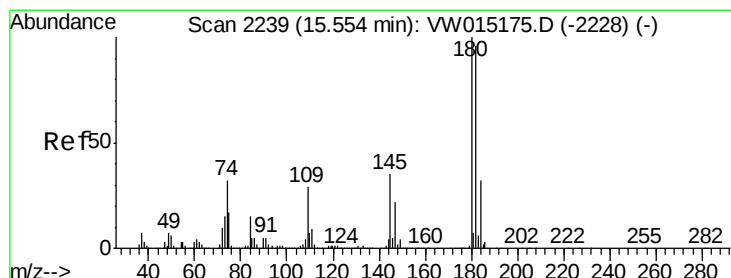
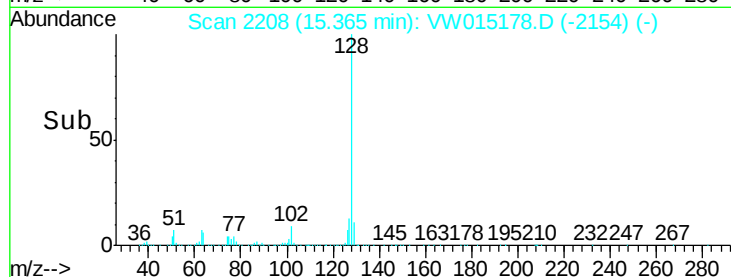
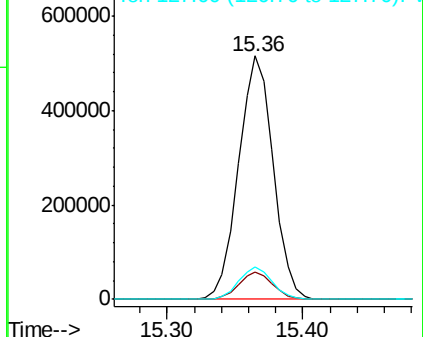
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 23.880 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW015178.D

Acq: 10 Apr 2020 13:20

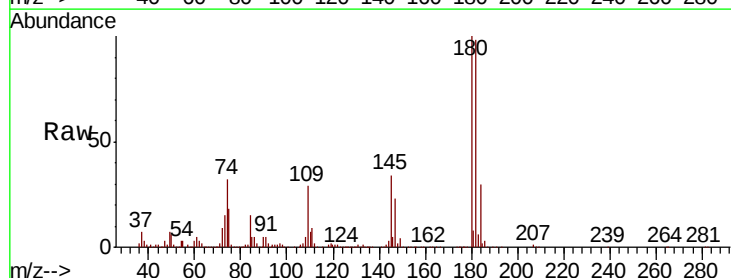
Tgt Ion:180 Resp: 388647

Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.6

145 34.6 27.4 41.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

