

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
 Data File : VW015353.D
 Acq On : 27 Apr 2020 13:07
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 28 06:13:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 06:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339367	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	174646	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86313	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	80122	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.28%
10) 1,1-Dichloroethene-d2	4.02	63	170234	24.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.56%
20) 2-Butanone-d5	7.08	46	35453	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
24) Chloroform-d	7.65	84	151435	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.31	65	91023	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.27	84	339426	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	93314	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.76%
37) Toluene-d8	10.32	98	363963	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.16%
38) trans-1,3-Dichloropropene-	10.57	79	47815	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.52%
39) 2-Hexanone-d5	10.92	63	32330	42.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76494	22.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	140734	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	119517	25.043	ug/L	100
3) Chloromethane	2.21	50	104056	25.705	ug/L	99
5) Vinyl chloride	2.36	62	121748	25.686	ug/L	98
6) Bromomethane	2.78	94	87218	26.181	ug/L	99
8) Chloroethane	2.92	64	75992	25.137	ug/L	100
9) Trichlorofluoromethane	3.26	101	185923	25.811	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	113599	25.570	ug/L	99
12) 1,1-Dichloroethene	4.04	96	104480	26.133	ug/L	99
13) Acetone	4.13	43	44272	61.382	ug/L	99
14) Carbon disulfide	4.39	76	314056	25.309	ug/L	99
15) Methyl Acetate	4.67	43	31798	22.914	ug/L	98
16) Methylene chloride	4.92	84	110909	25.203	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	230116	24.053	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	113146	25.316	ug/L	96
19) 1,1-Dichloroethane	6.22	63	175518	25.622	ug/L	99
21) 2-Butanone	7.17	43	52609	52.580	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	120408	25.705	ug/L	99

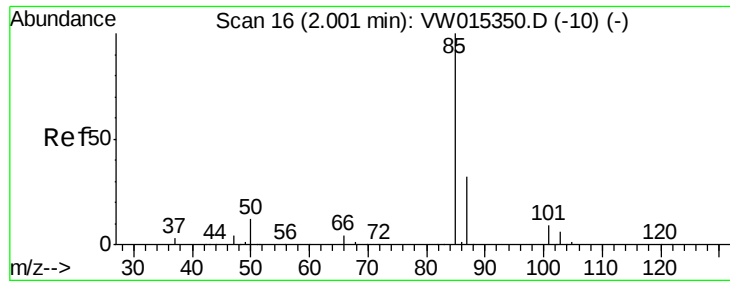
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
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 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 06:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	53710	24.719	ug/L	95
25) Chloroform	7.68	83	222275	24.628	ug/L	99
27) 1,2-Dichloroethane	8.40	62	121998	25.007	ug/L	98
30) Cyclohexane	7.95	56	168397	26.103	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	195905	25.970	ug/L	100
32) Carbon tetrachloride	8.07	117	177964	26.410	ug/L	100
34) Benzene	8.32	78	418391	25.810	ug/L	100
35) Trichloroethene	9.09	95	121533	25.841	ug/L	99
36) Methylcyclohexane	9.34	83	208784	26.168	ug/L	99
40) 1,2-Dichloropropane	9.37	63	93362	25.315	ug/L	99
41) Bromodichloromethane	9.64	83	143704	25.150	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	165949	25.158	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	100738	49.585	ug/L	100
44) Toluene	10.38	91	508647	26.246	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	143764	24.709	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	76533	24.253	ug/L	98
47) Tetrachloroethene	10.86	164	116110	26.274	ug/L	95
49) 2-Hexanone	10.96	43	78691	52.764	ug/L	99
50) Dibromochloromethane	11.13	129	102543	24.379	ug/L	94
51) 1,2-Dibromoethane	11.23	107	75708	24.025	ug/L #	94
52) Chlorobenzene	11.66	112	334011	25.620	ug/L	98
53) Ethylbenzene	11.73	91	594203	26.107	ug/L	100
54) m,p-Xylene	11.84	106	239285	26.222	ug/L	91
55) o-xylene	12.16	106	227570	26.314	ug/L	97
56) Styrene	12.18	104	387097	26.308	ug/L	95
57) Isopropylbenzene	12.46	105	625037	26.183	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	83770	24.170	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	62549	23.786	ug/L	99
62) Bromoform	12.35	173	67126	24.809	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	284117	25.118	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	281569	25.217	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	251482	24.849	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	15546	23.102	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	210673	24.964	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	175329	26.074	ug/L	99
69) Naphthalene	15.36	128	283018	24.936	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	148261	25.612	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 25.043 ug/L

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

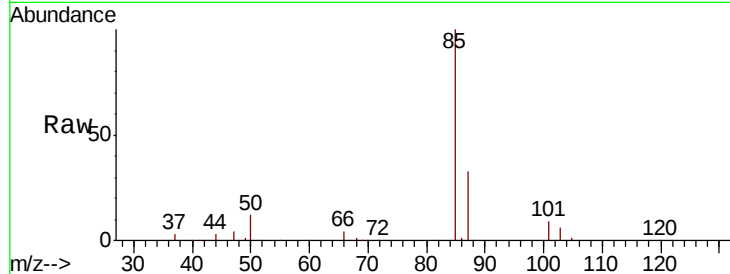
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 85 Resp: 119517

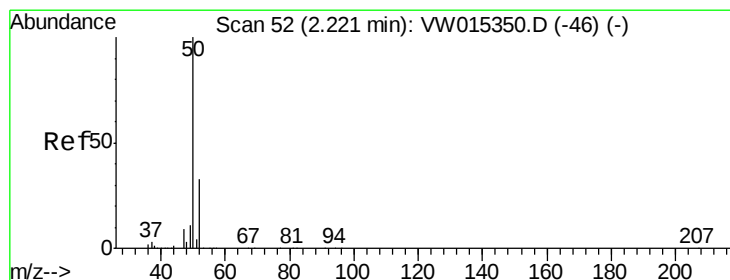
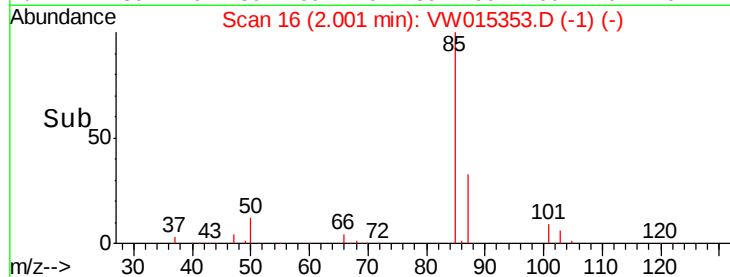
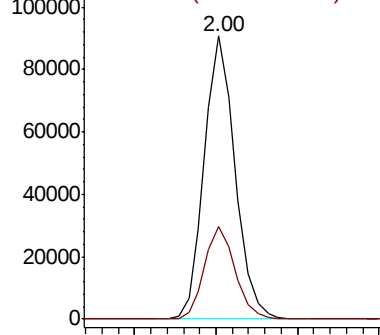
Ion Ratio Lower Upper

85 100

87 32.4 22.6 42.0



Abundance Ion 85.00 (84.70 to 85.70): VW
Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 25.705 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015353.D

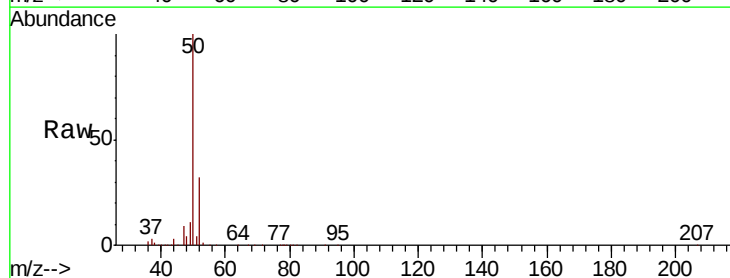
Acq: 27 Apr 2020 13:07

Tgt Ion: 50 Resp: 104056

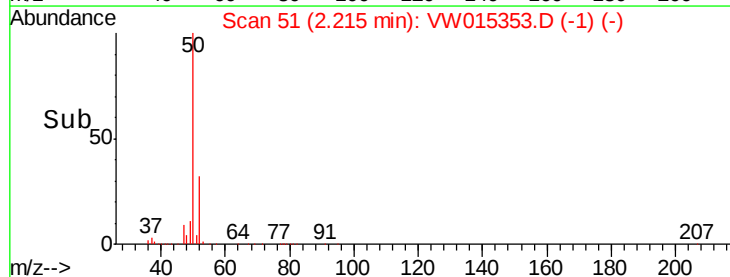
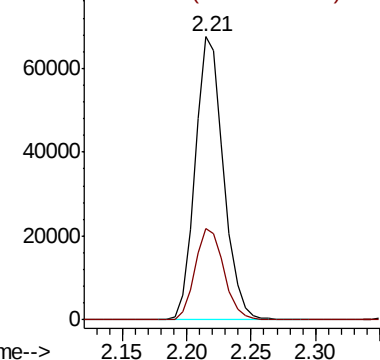
Ion Ratio Lower Upper

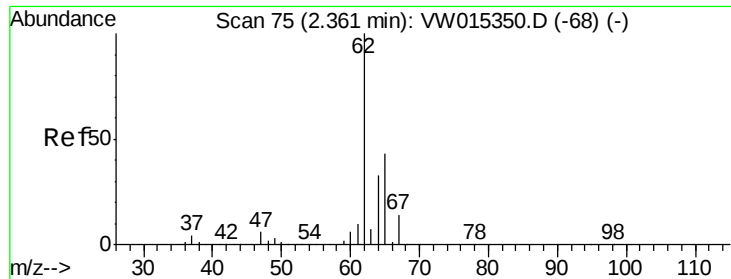
50 100

52 32.4 23.0 42.8



Abundance Ion 50.00 (49.70 to 50.70): VW
Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 25.686 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

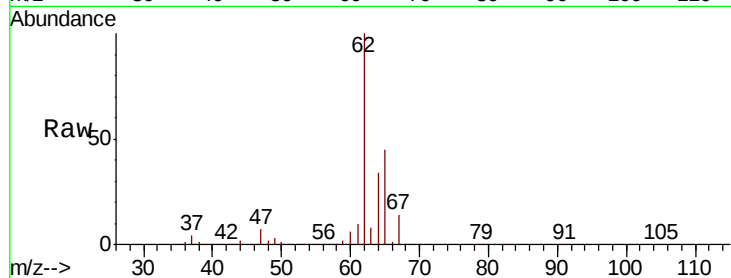
ClientSampleId :

Tot Ion: 62 Resp: 121748

Ion Ratio Lower Upper

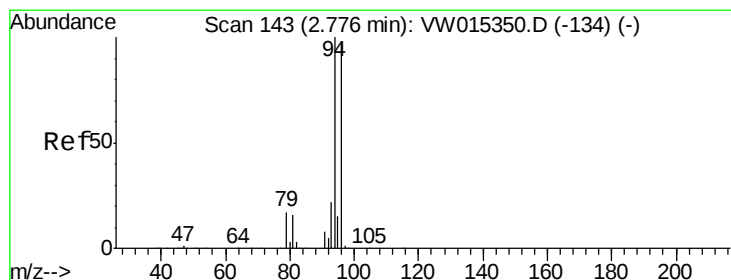
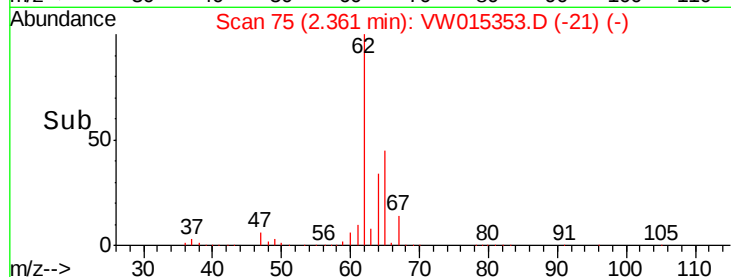
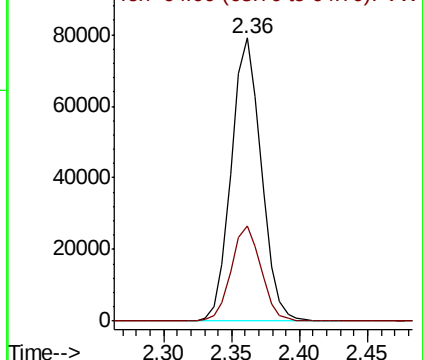
62 100

64 33.8 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 26.181 ug/L

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015353.D

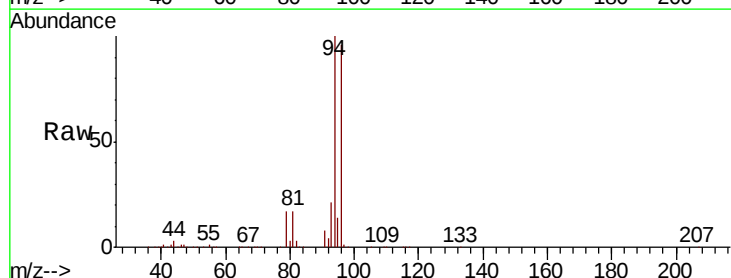
Acq: 27 Apr 2020 13:07

Tgt Ion: 94 Resp: 87218

Ion Ratio Lower Upper

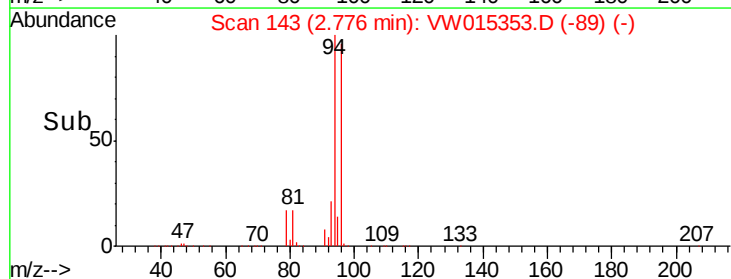
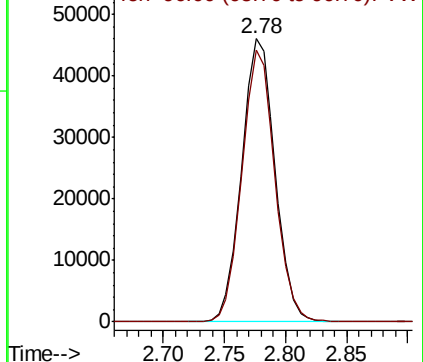
94 100

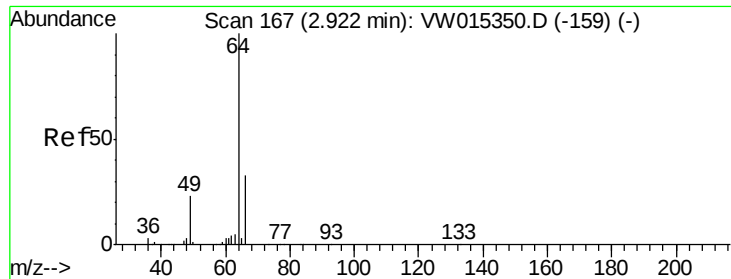
96 93.8 9.5 180.5



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW

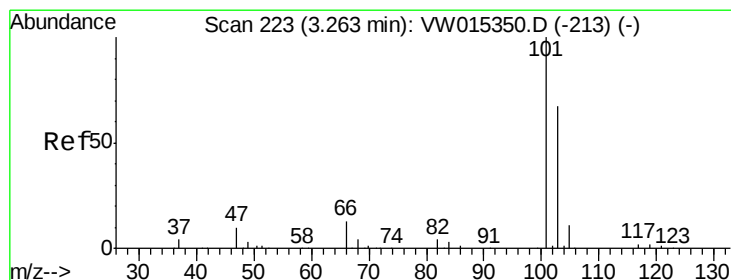
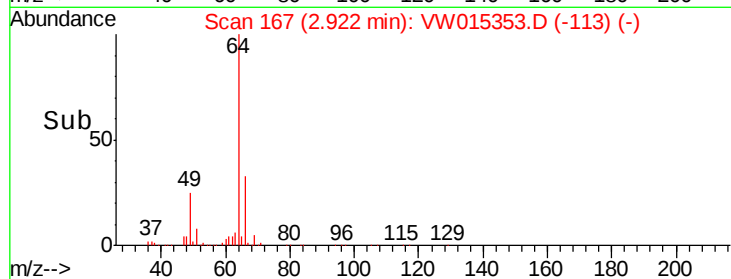
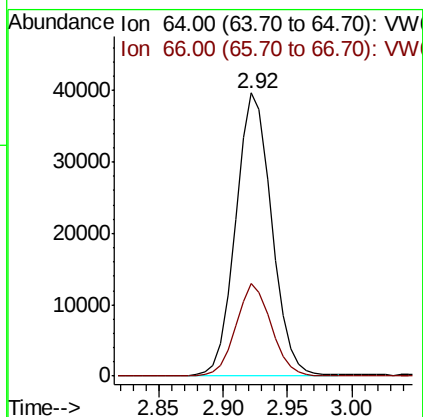
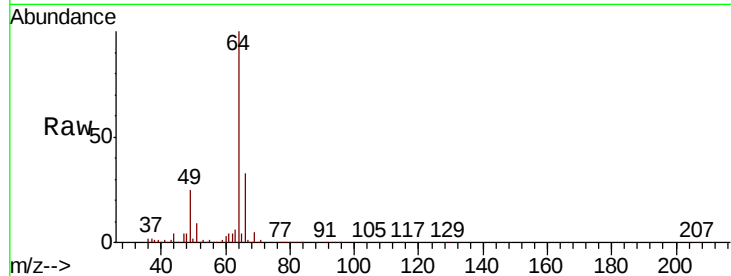




#8
Chloroethane
Concen: 25.137 ug/L
RT: 2.92 min Scan# 167
Delta R.T. 0.00 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

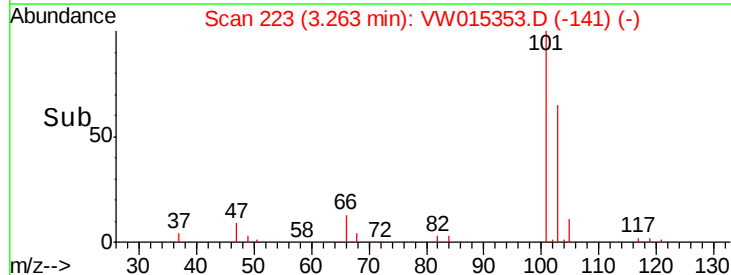
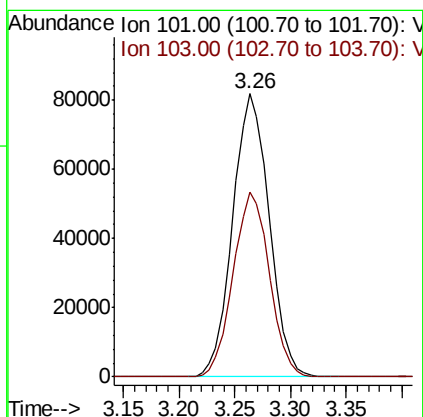
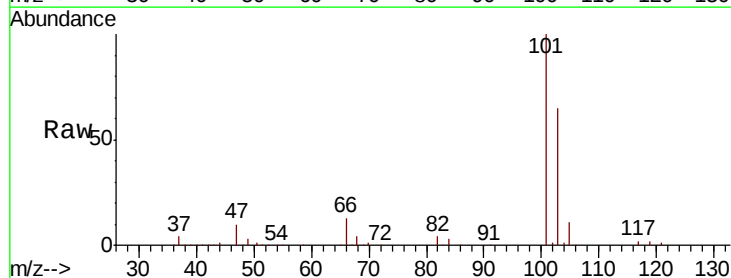
Instrument :
MSVOA_W
ClientSampleId :

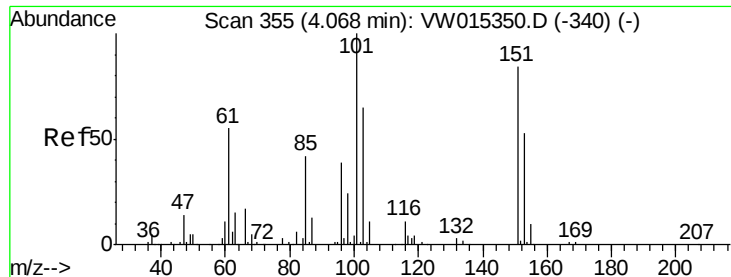
Tot Ion: 64 Resp: 75992
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.811 ug/L
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

Tgt Ion:101 Resp: 185923
Ion Ratio Lower Upper
101 100
103 65.2 45.8 85.2





#11

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

Concen: 25.570 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

ClientSampleId :

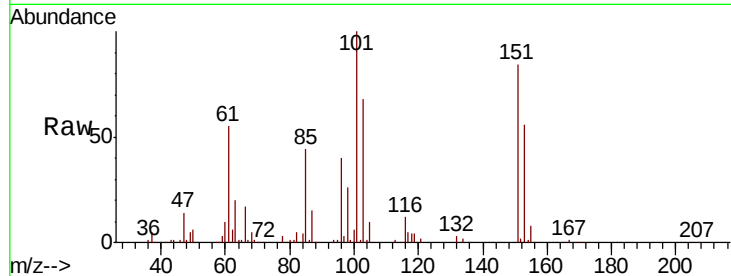
Tot Ion:101 Resp: 113599

Ion Ratio Lower Upper

101 100

85 42.7 34.0 51.0

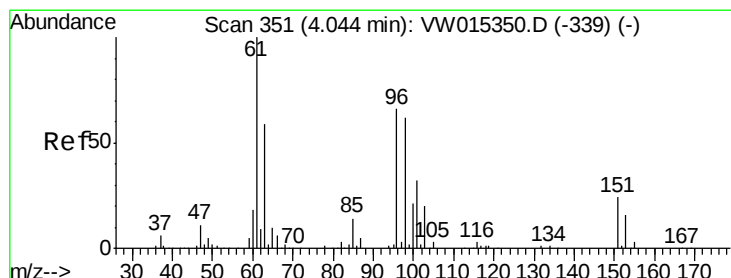
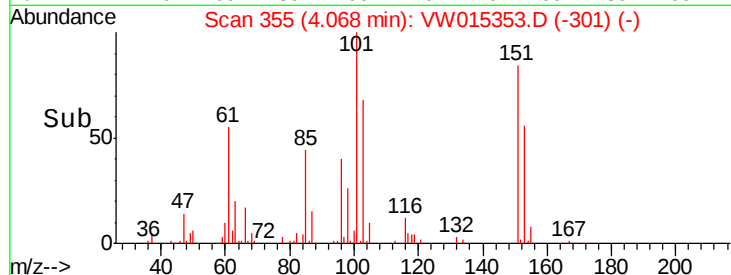
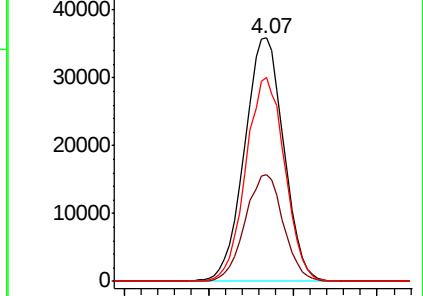
151 82.8 67.0 100.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 26.133 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

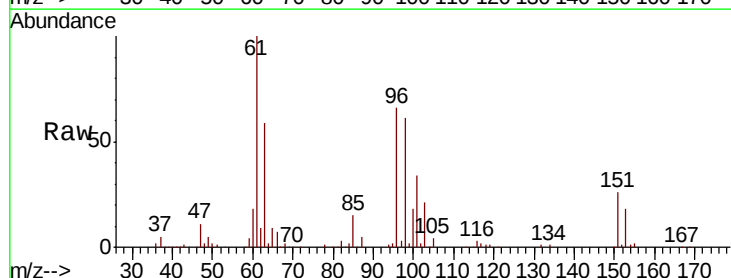
Tgt Ion: 96 Resp: 104480

Ion Ratio Lower Upper

96 100

61 151.9 106.2 197.2

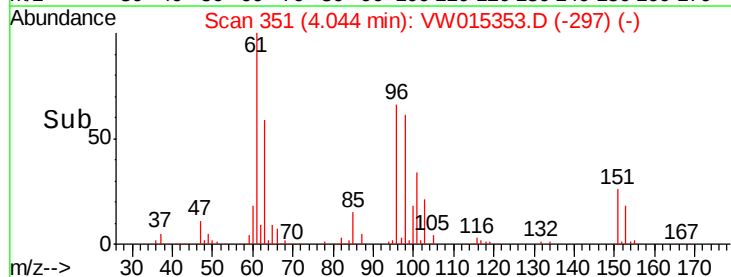
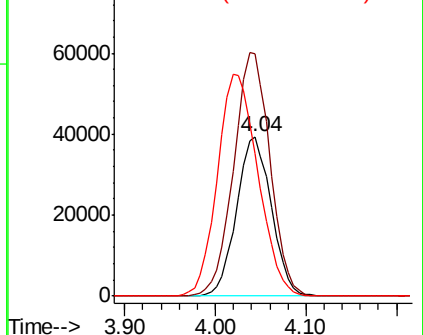
63 89.3 63.7 118.3

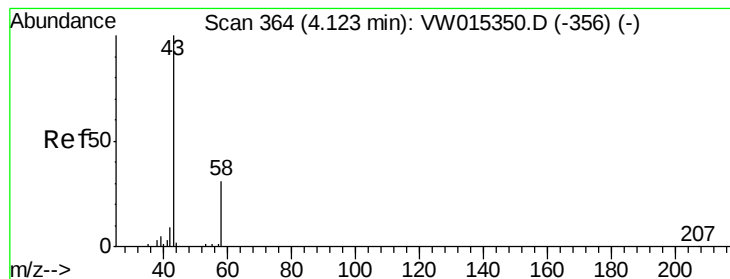


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 61.382 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

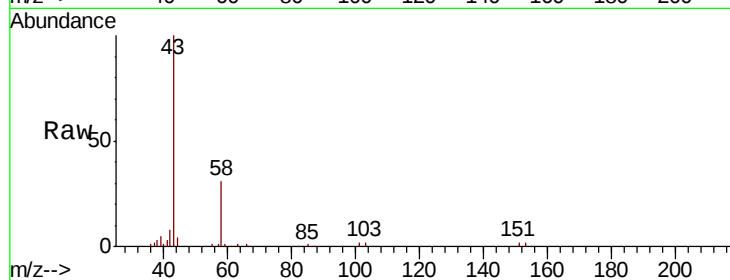
ClientSampleId :

Tot Ion: 43 Resp: 44272

Ion Ratio Lower Upper

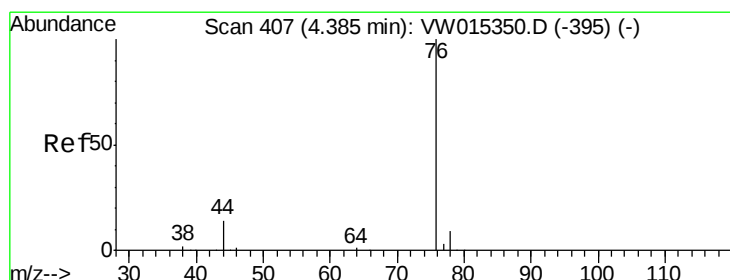
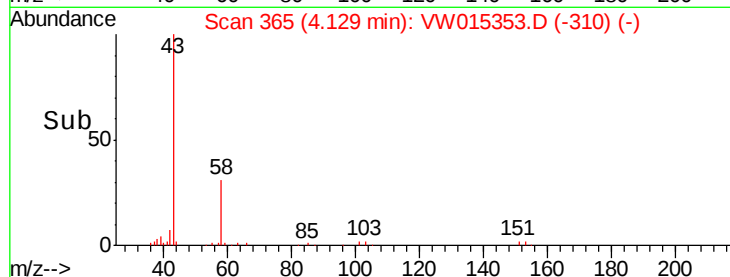
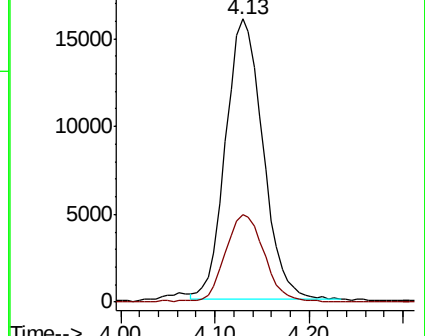
43 100

58 32.6 0.0 65.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 25.309 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015353.D

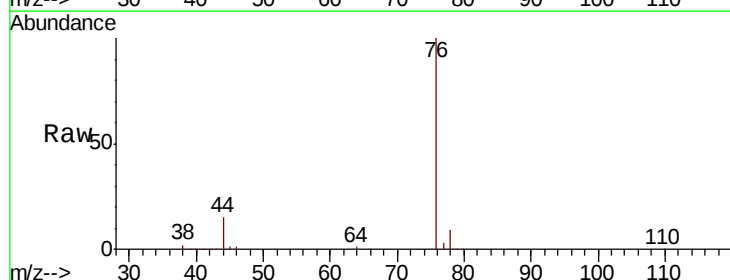
Acq: 27 Apr 2020 13:07

Tgt Ion: 76 Resp: 314056

Ion Ratio Lower Upper

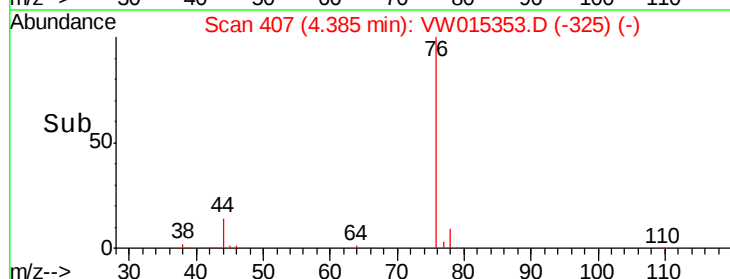
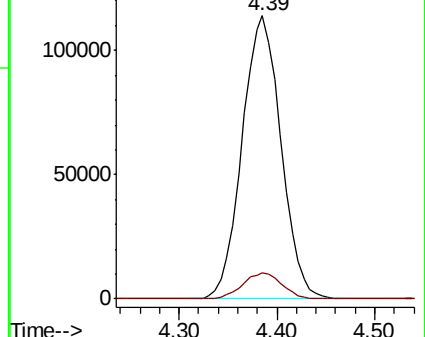
76 100

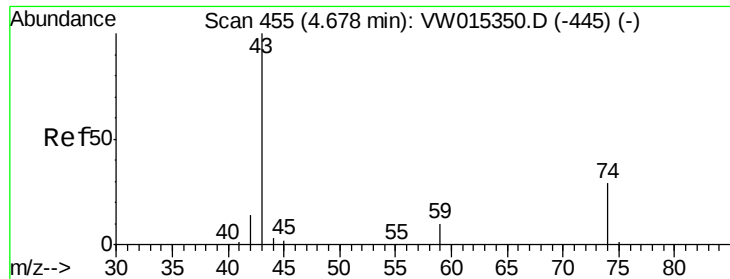
78 9.1 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

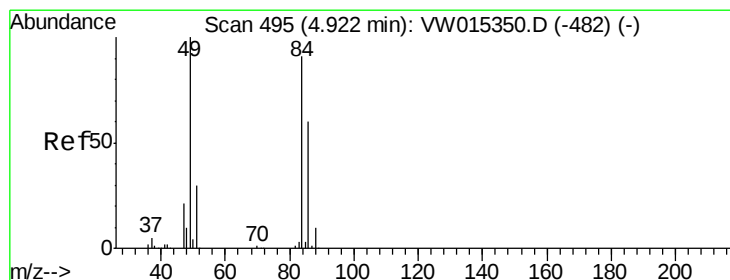
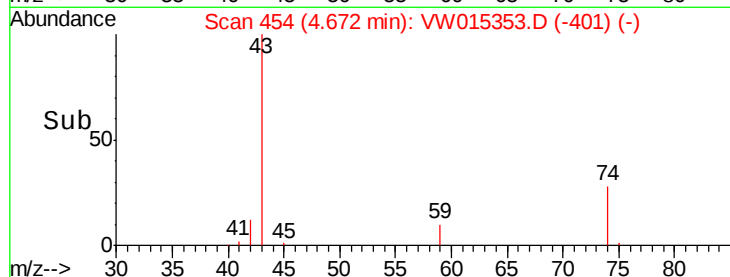
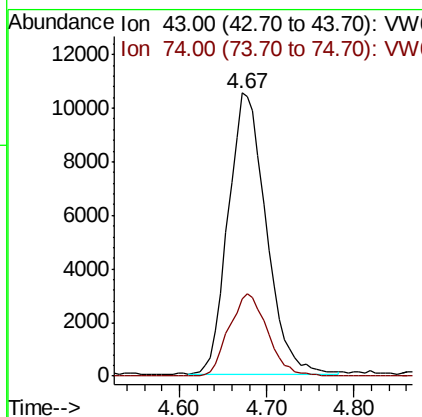
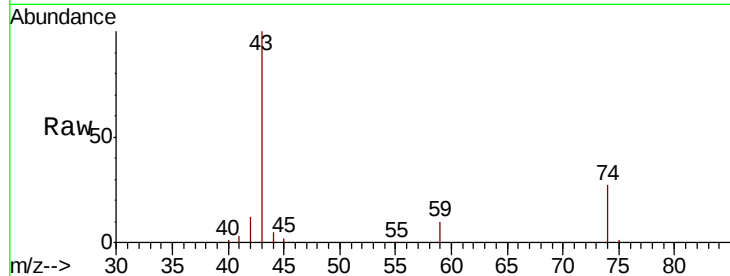




#15
Methvl Acetate
Concen: 22.914 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

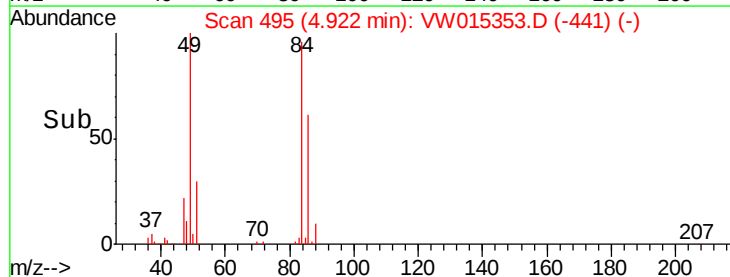
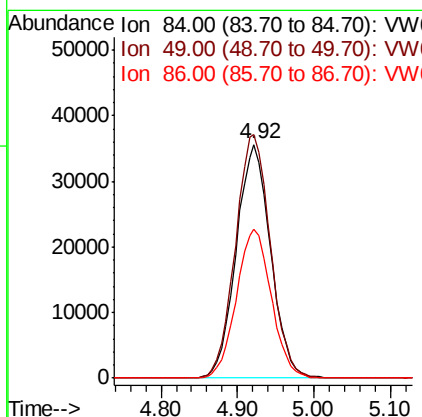
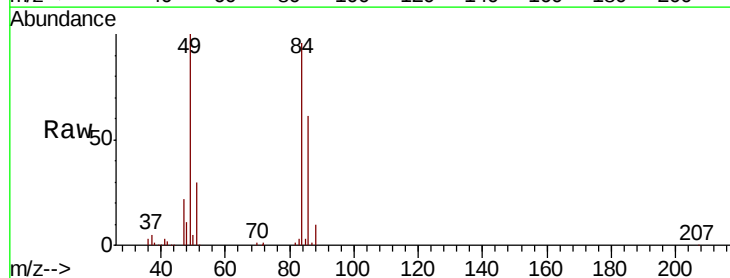
Instrument :
MSVOA_W
ClientSampled :

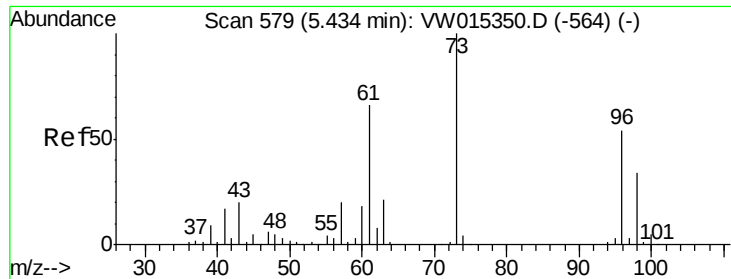
Tot Ion: 43 Resp: 31798
Ion Ratio Lower Upper
43 100
74 29.6 22.9 34.3



#16
Methylene chloride
Concen: 25.203 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 84 Resp: 110909
Ion Ratio Lower Upper
84 100
49 104.3 76.7 142.5
86 64.0 45.9 85.3

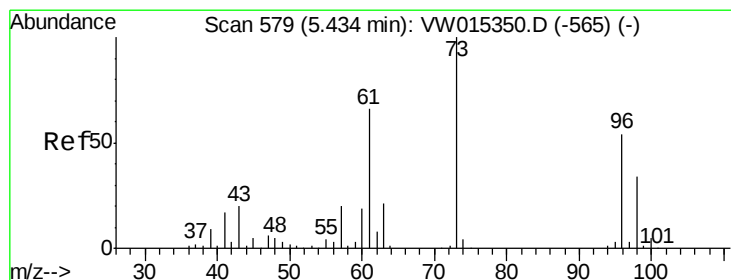
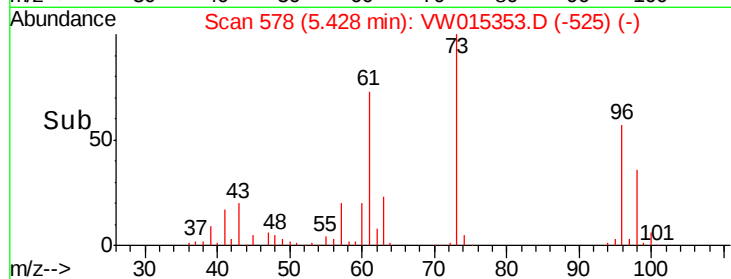
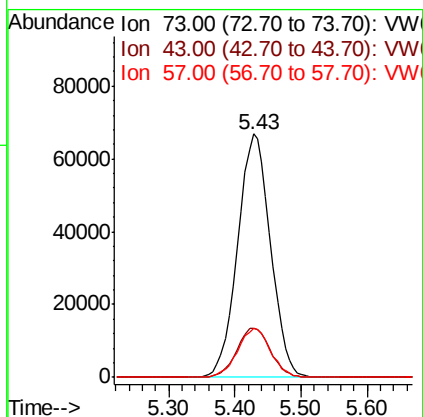
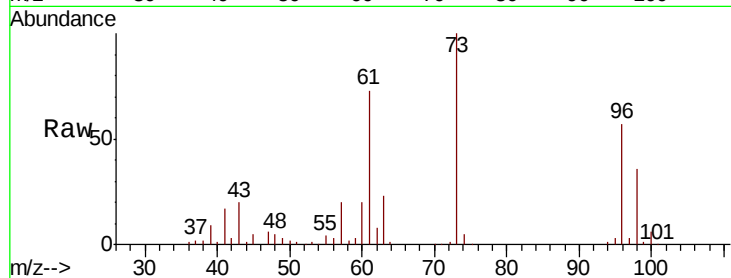




#17
Methvl tert-butvl Ether
Concen: 24.053 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

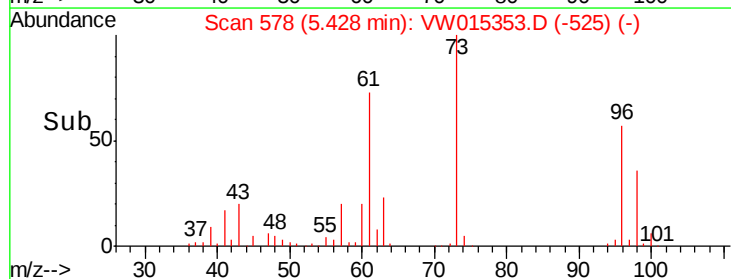
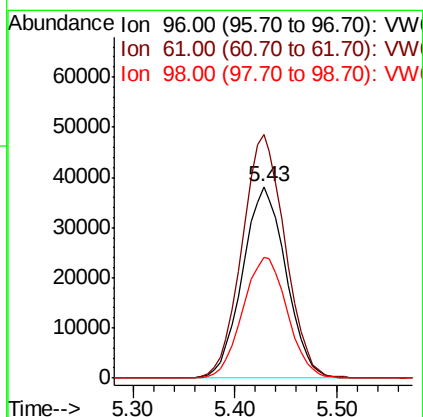
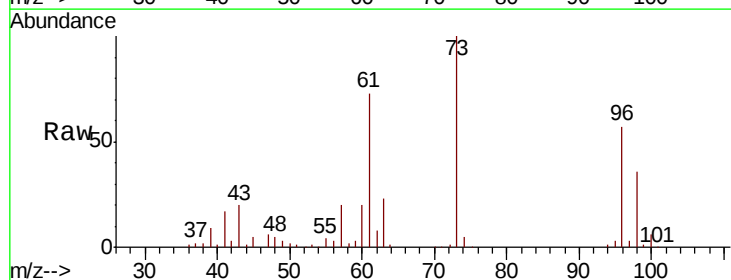
Instrument :
MSVOA_W
ClientSampleId :

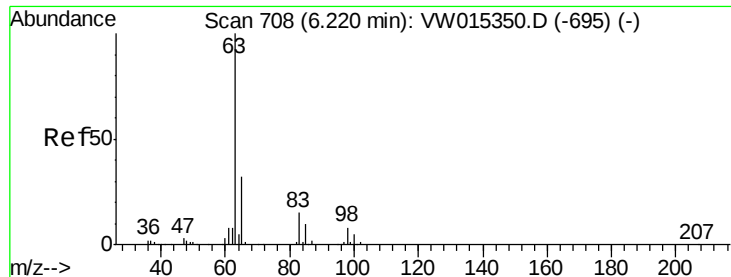
Tot Ion: 73 Resp: 230116
Ion Ratio Lower Upper
73 100
43 20.9 16.6 24.8
57 20.2 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 25.316 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 96 Resp: 113146
Ion Ratio Lower Upper
96 100
61 127.3 84.9 157.7
98 63.0 44.4 82.4





#19

1,1-Dichloroethane

Concen: 25.622 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

ClientSampleId :

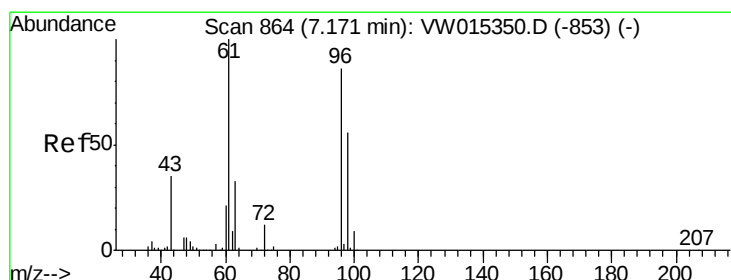
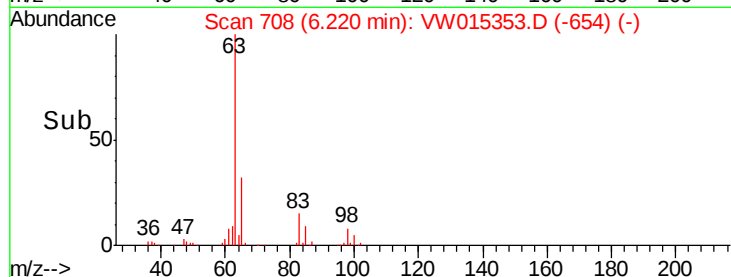
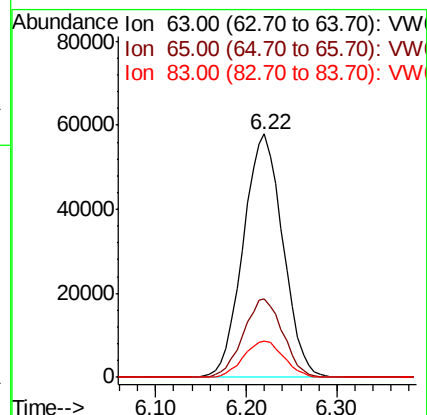
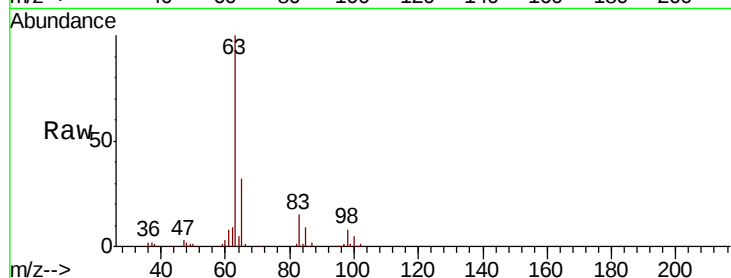
Tot Ion: 63 Resp: 175518

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 14.9 10.6 19.6



#21

2-Butanone

Concen: 52.580 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015353.D

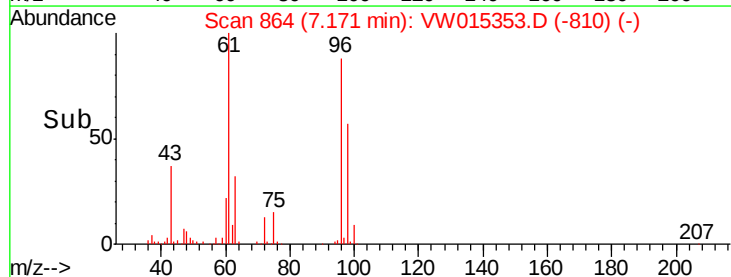
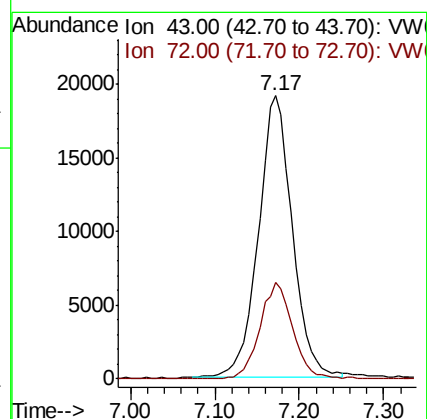
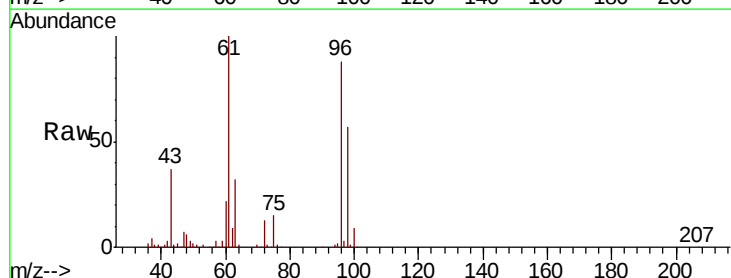
Acq: 27 Apr 2020 13:07

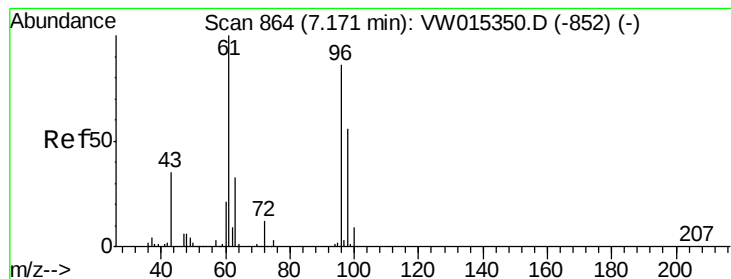
Tgt Ion: 43 Resp: 52609

Ion Ratio Lower Upper

43 100

72 33.1 16.6 49.7



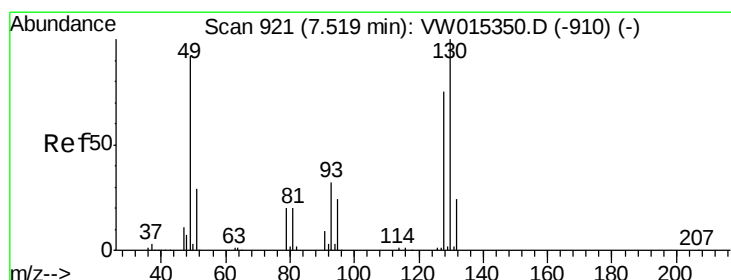
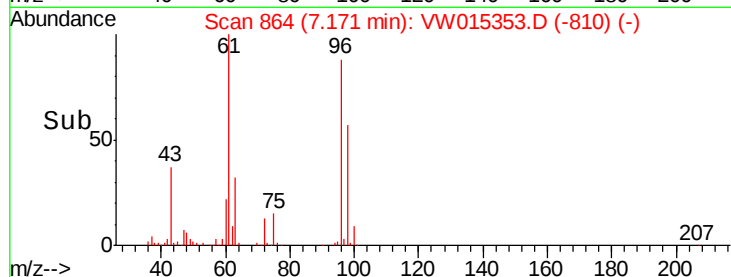
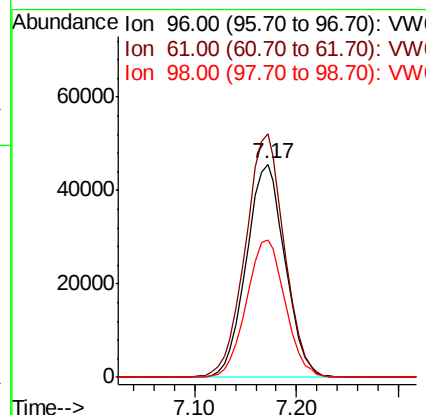
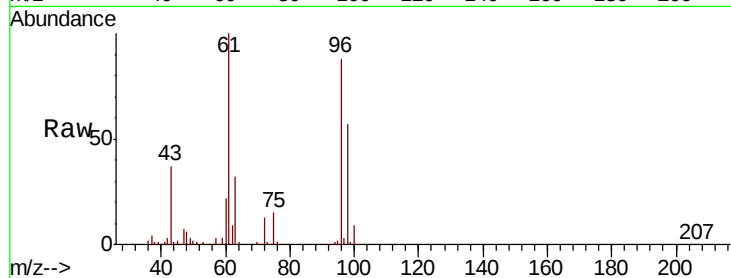


#22

cis-1,2-Dichloroethene
 Concen: 25.705 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Instrument :
 MSVOA_W
 ClientSampleId :

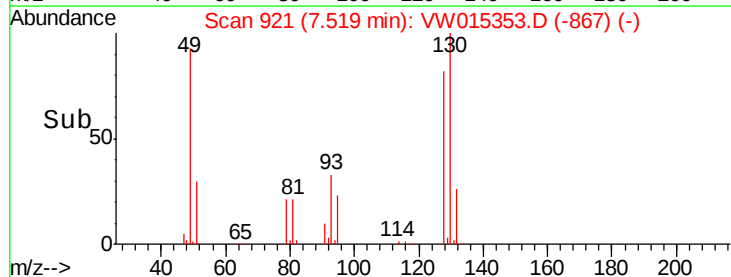
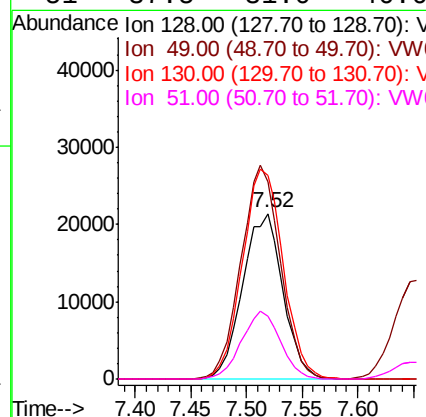
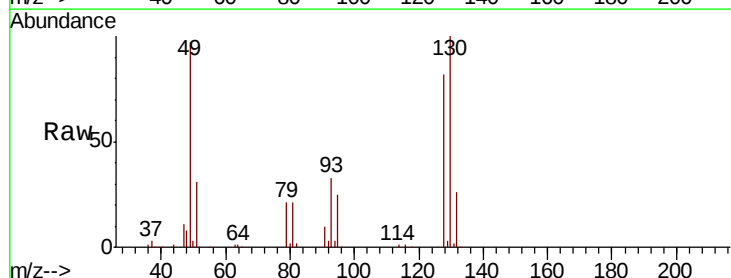
Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	114.1	81.2	150.8	
98	64.5	45.4	84.2	

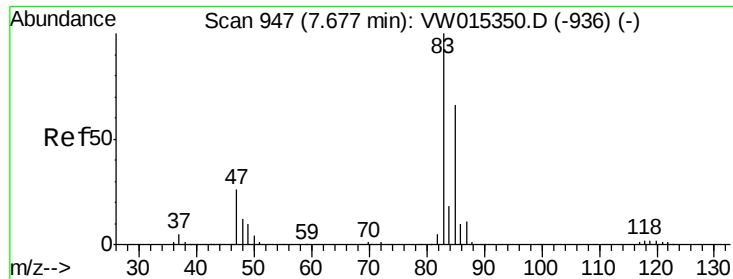


#23

Bromochloromethane
 Concen: 24.719 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
49	118.6	85.1	158.1	
130	122.7	92.9	172.5	
51	37.5	31.0	46.6	

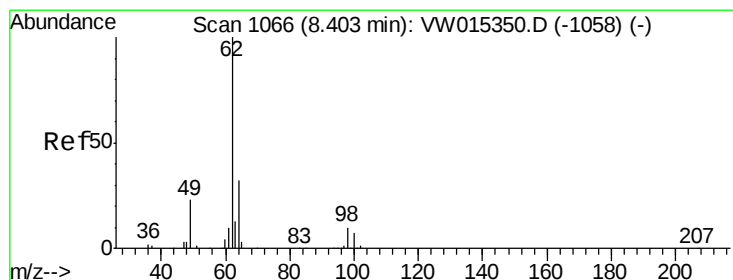
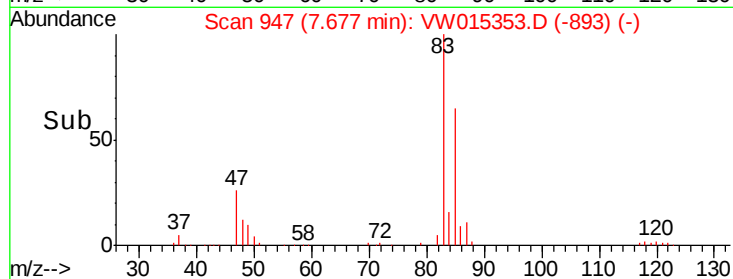
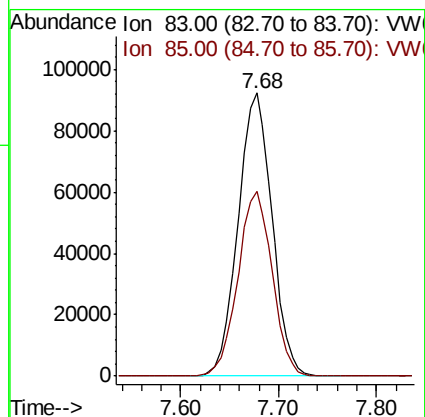
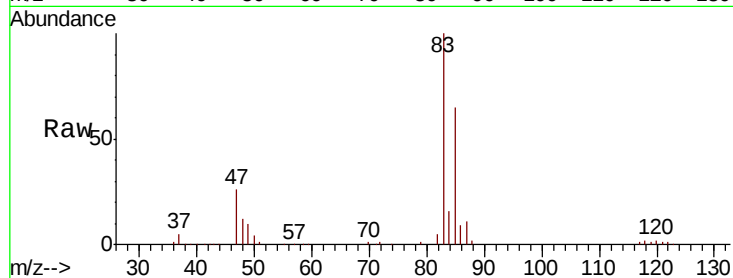




#25
Chloroform
Concen: 24.628 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

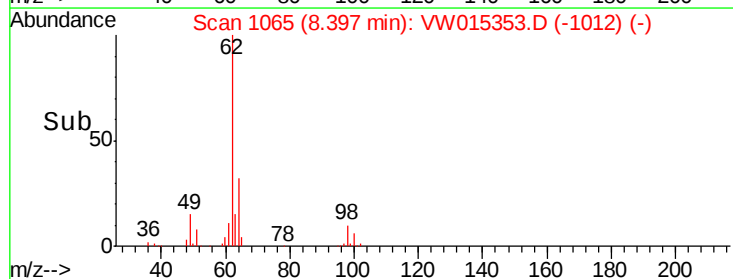
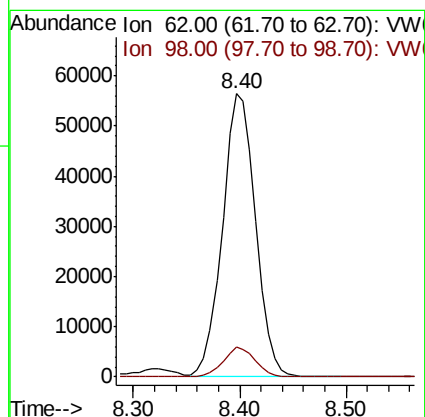
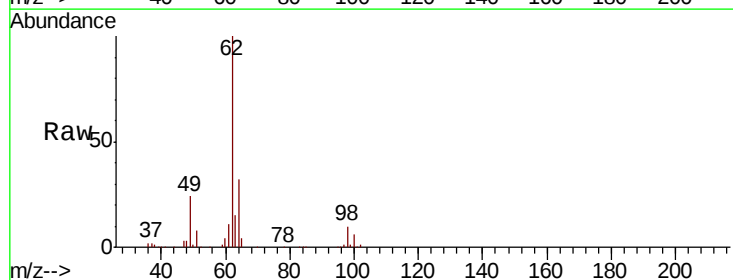
Instrument :
MSVOA_W
ClientSampleId :

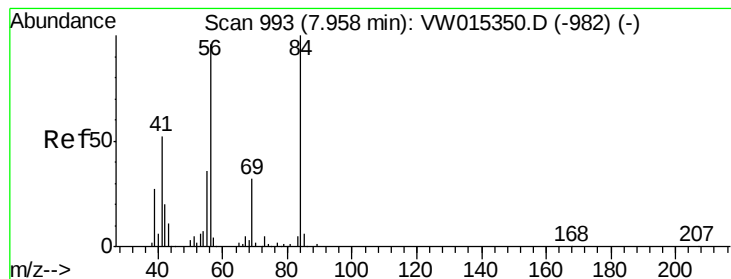
Tot Ion: 83 Resp: 222275
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.007 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 62 Resp: 121998
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.6





#30

Cyclohexane

Concen: 26.103 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

ClientSampleId :

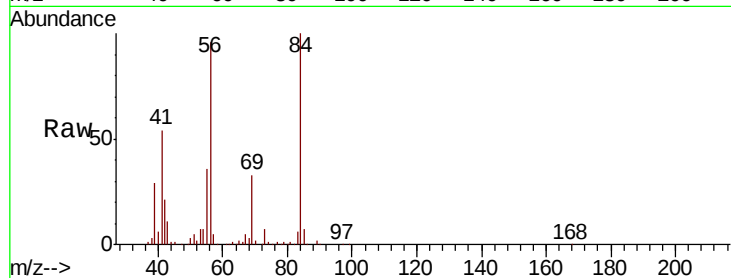
Tot Ion: 56 Resp: 168397

Ion Ratio Lower Upper

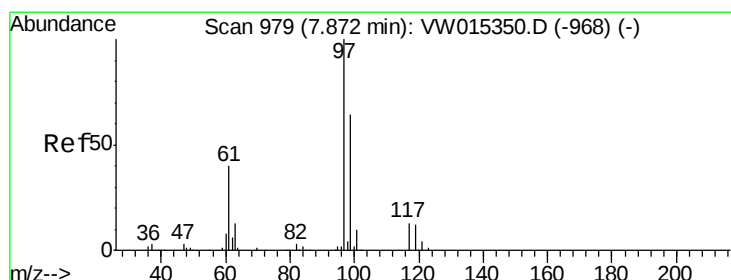
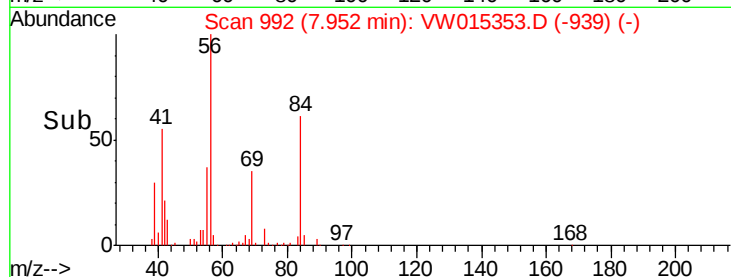
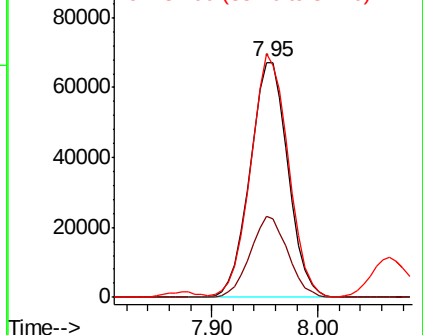
56 100

69 34.1 27.4 41.2

84 102.4 81.8 122.6



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#31

1,1,1-Trichloroethane

Concen: 25.970 ug/L

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

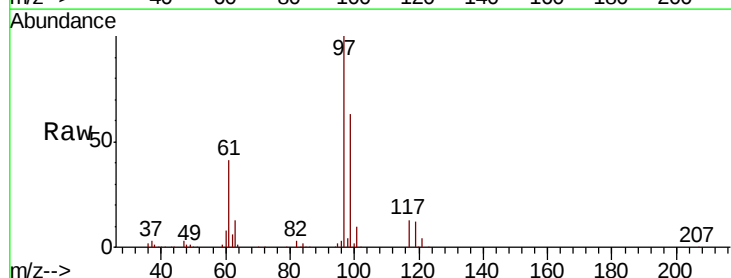
Tgt Ion: 97 Resp: 195905

Ion Ratio Lower Upper

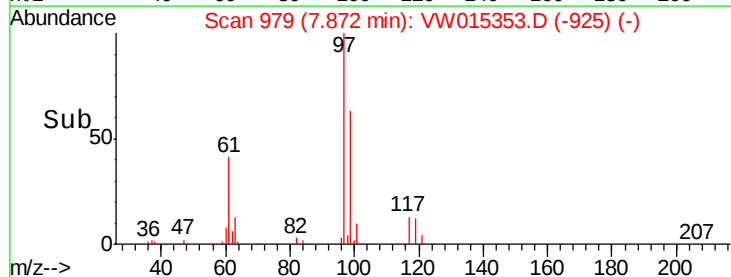
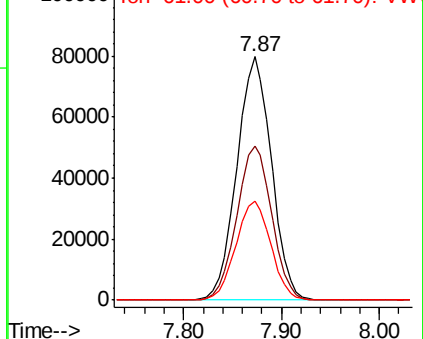
97 100

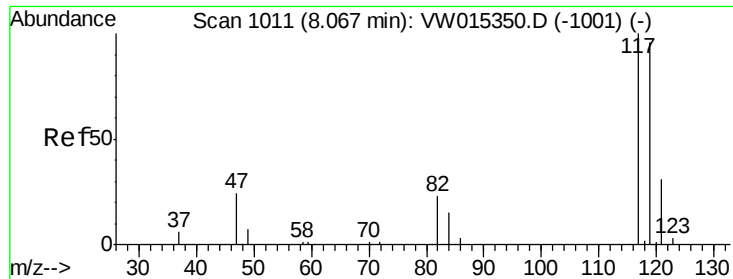
99 63.9 51.0 76.4

61 41.2 32.8 49.2



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 26.410 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

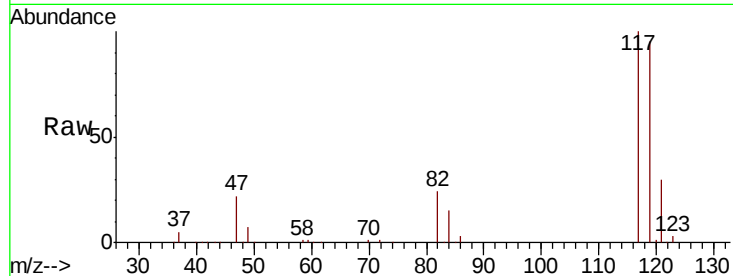
ClientSampleId :

Tot Ion:117 Resp: 177964

Ion Ratio Lower Upper

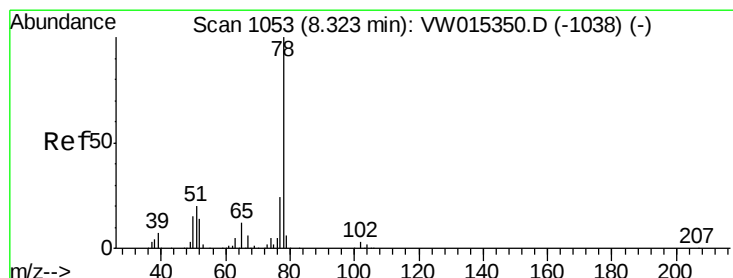
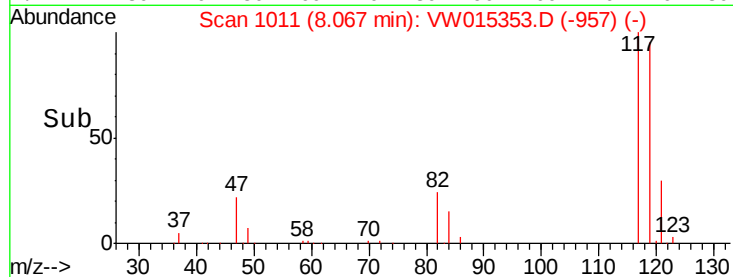
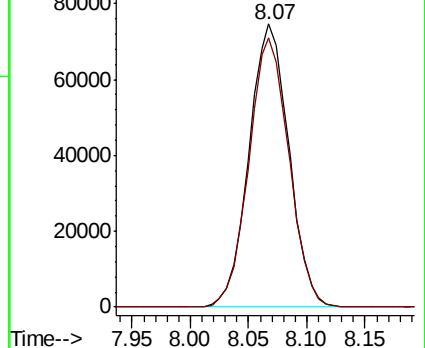
117 100

119 95.7 76.3 114.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.810 ug/L

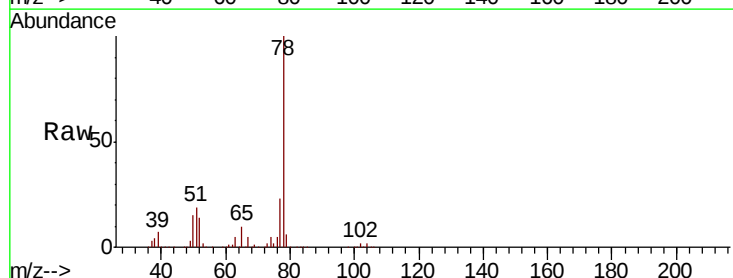
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

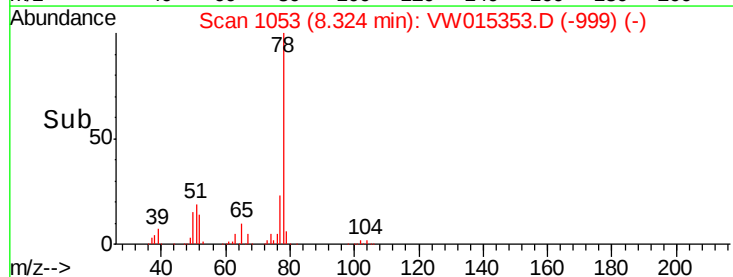
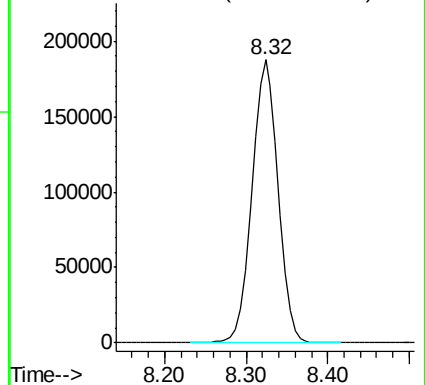
Lab File: VW015353.D

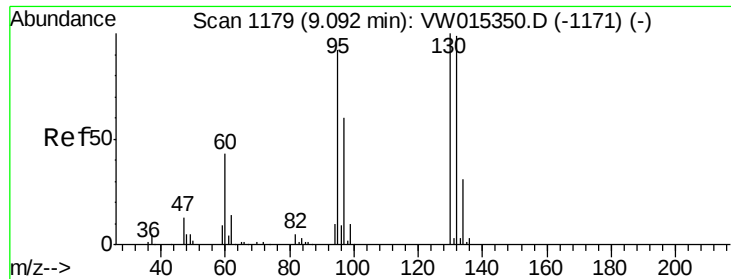
Acq: 27 Apr 2020 13:07

Tgt Ion: 78 Resp: 418391



Abundance Ion 78.00 (77.70 to 78.70): VW

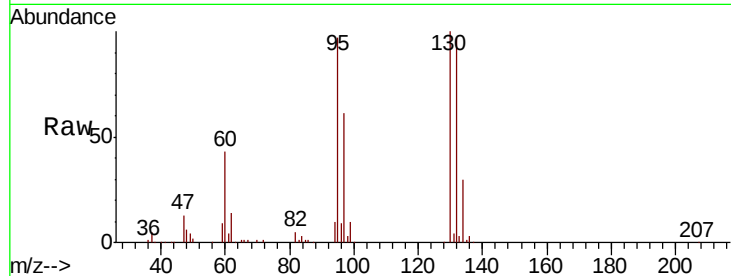




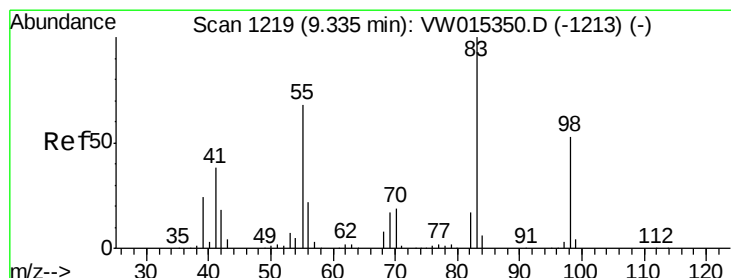
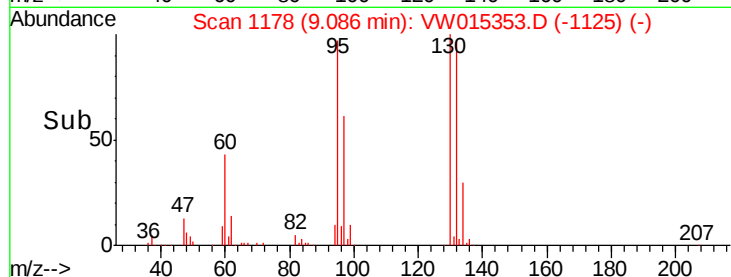
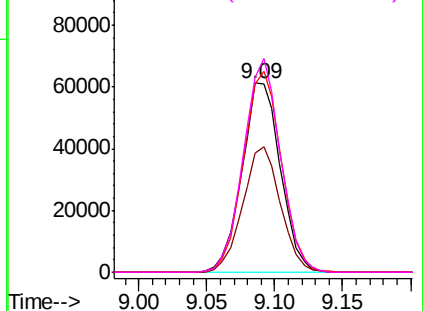
#35
 Trichloroethene
 Concen: 25.841 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	95	Resp:	121533
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.6
132	105.0	74.5	138.5
130	109.0	76.7	142.5

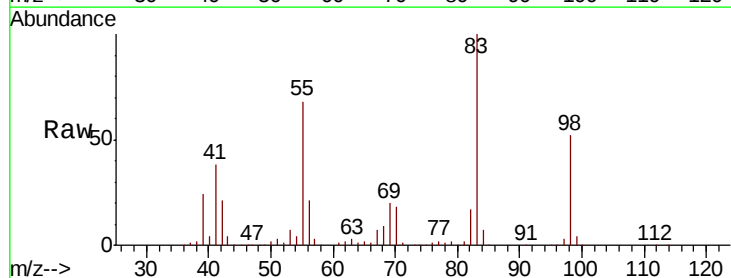


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

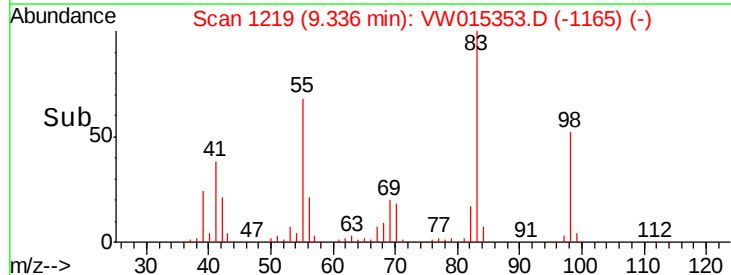
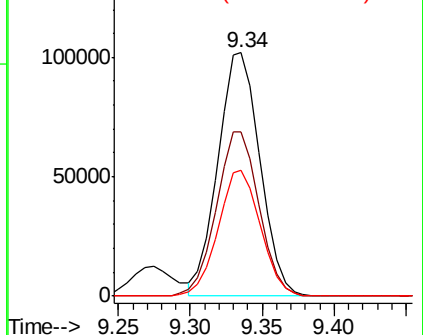


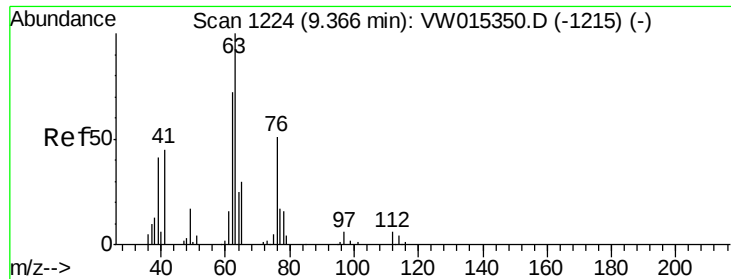
#36
 Methylcyclohexane
 Concen: 26.168 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:	83	Resp:	208784
Ion	Ratio	Lower	Upper
83	100		
55	67.9	53.8	80.8
98	51.8	41.0	61.4



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

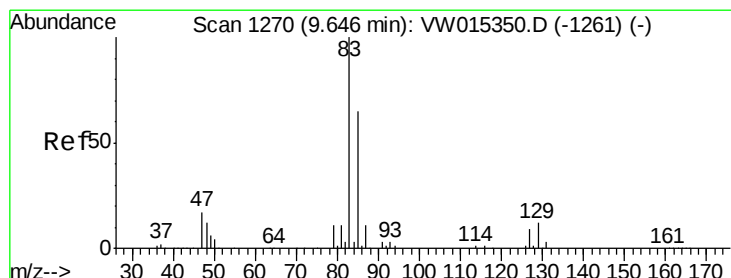
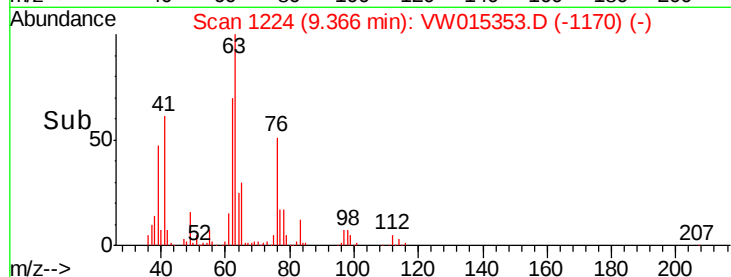
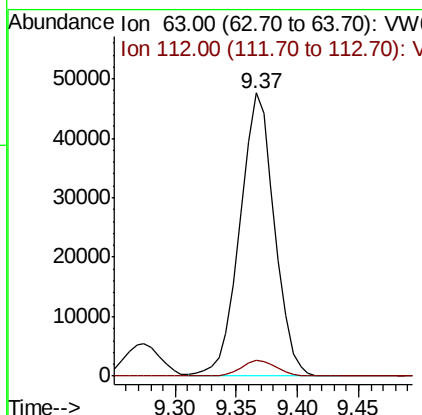
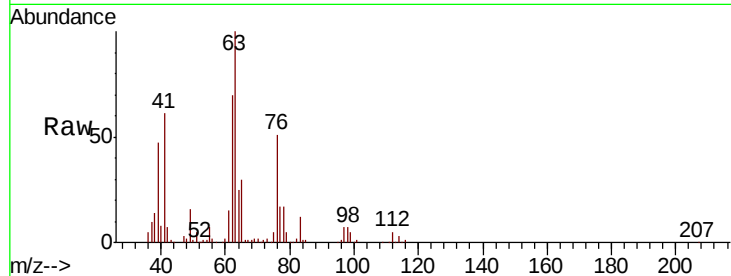




#40
 1,2-Dichloropropane
 Concen: 25.315 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

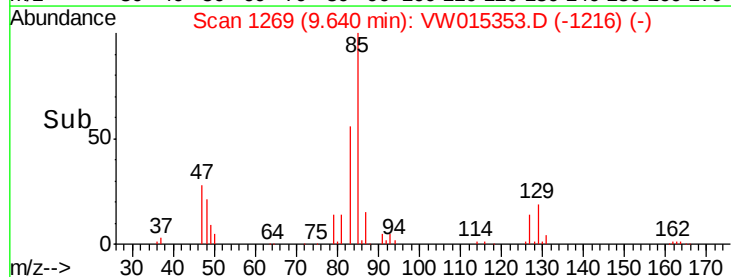
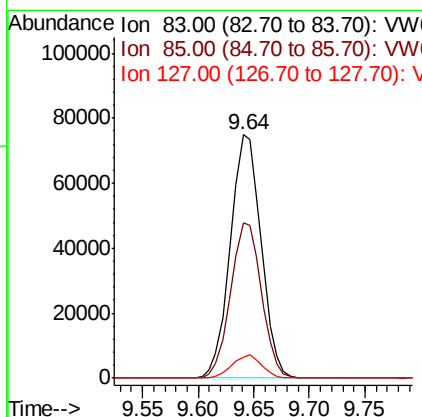
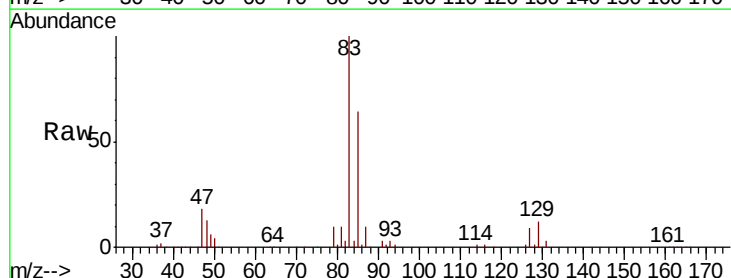
Instrument :
 MSVOA_W
 ClientSampled :

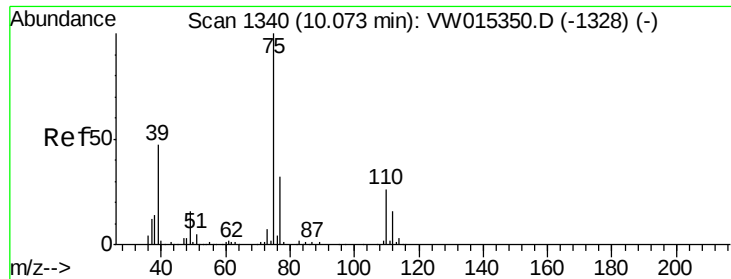
Tot Ion: 63 Resp: 93362
 Ion Ratio Lower Upper
 63 100
 112 5.5 4.6 6.8



#41
 Bromodichloromethane
 Concen: 25.150 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Tgt Ion: 83 Resp: 143704
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.8 85.2
 127 8.8 7.5 11.3





#42

cis-1,3-Dichloropropene

Concen: 25.158 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

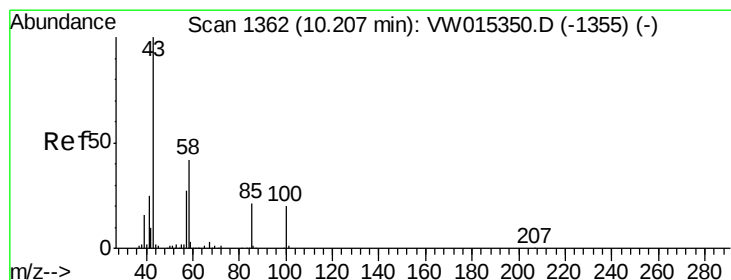
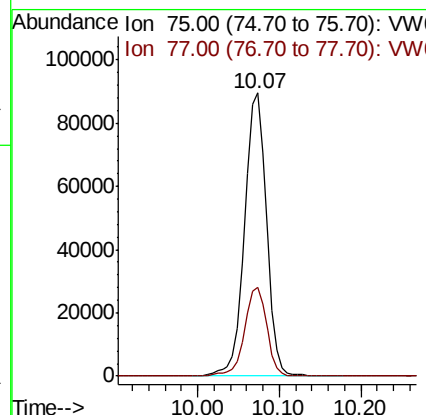
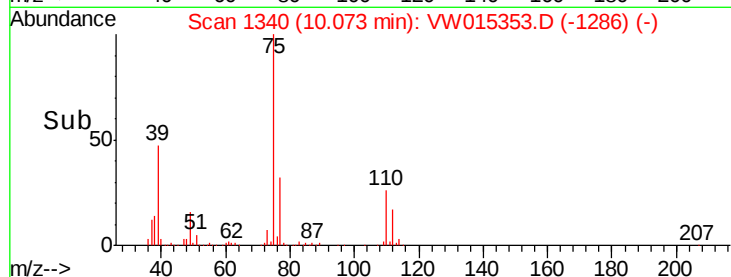
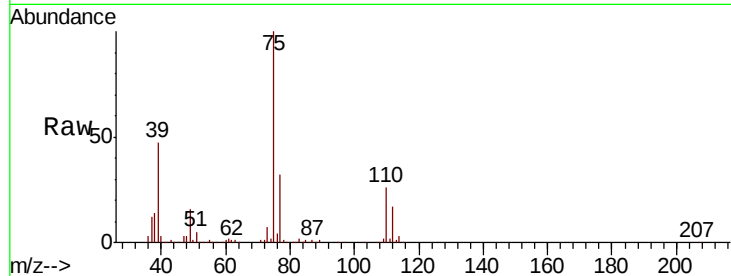
ClientSampled :

Tot Ion: 75 Resp: 165949

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0



#43

4-Methyl-2-pentanone

Concen: 49.585 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

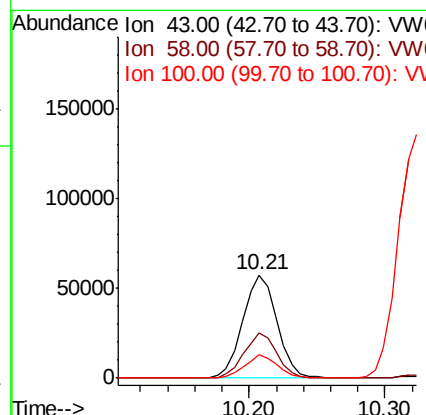
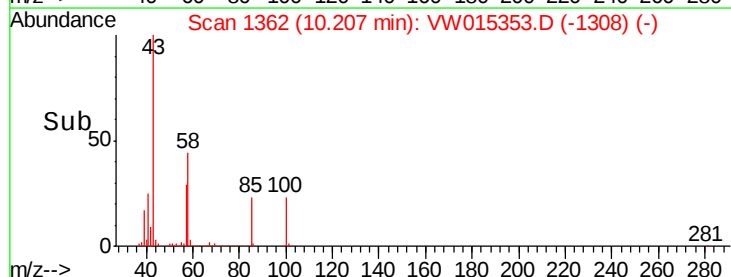
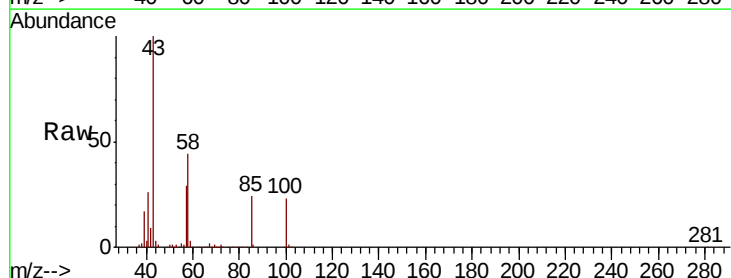
Tgt Ion: 43 Resp: 100738

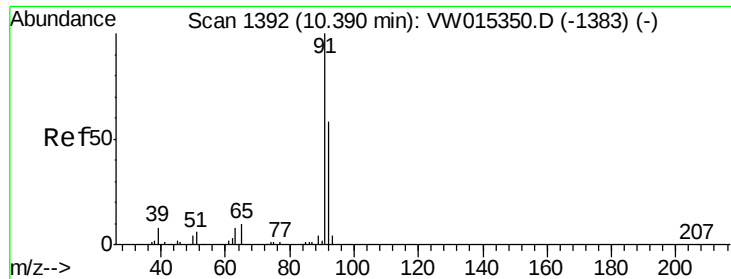
Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.4

100 21.1 17.0 25.6





#44

Toluene

Concen: 26.246 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

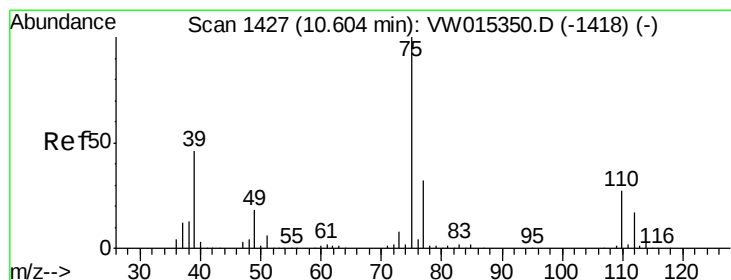
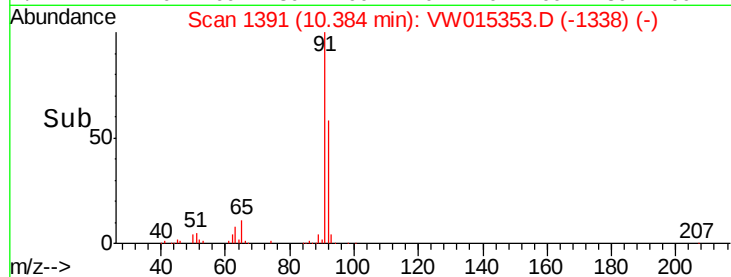
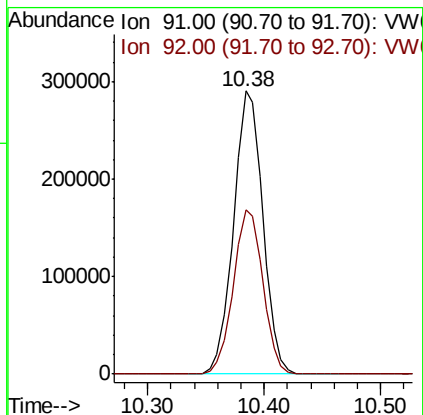
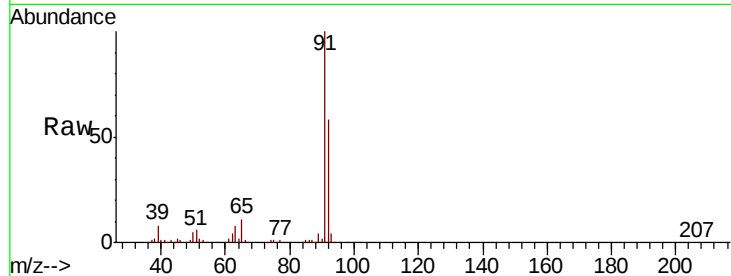
ClientSampleId :

Tot Ion: 91 Resp: 508647

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#45

trans-1,3-Dichloropropene

Concen: 24.709 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015353.D

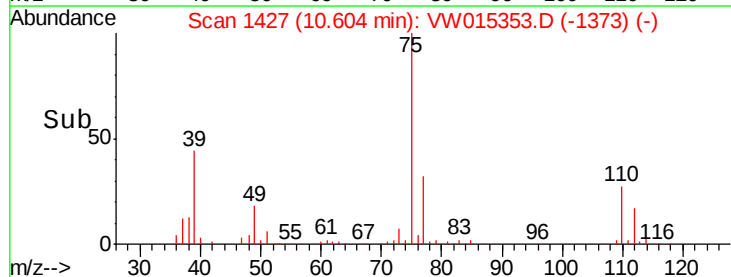
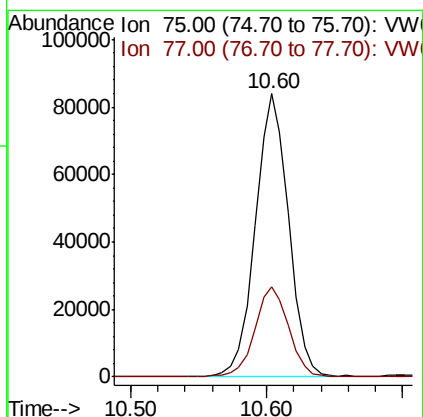
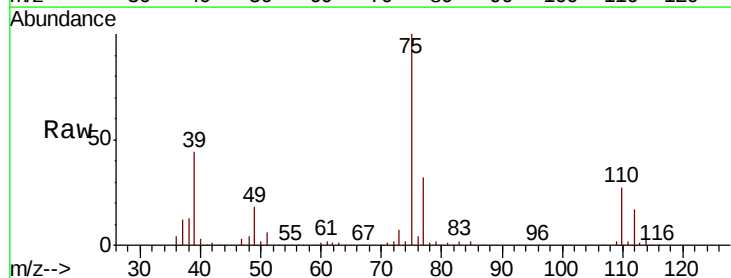
Acq: 27 Apr 2020 13:07

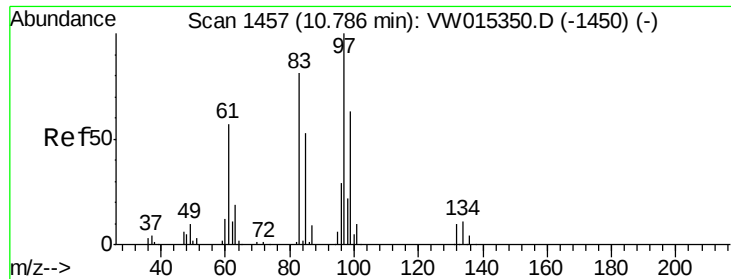
Tgt Ion: 75 Resp: 143764

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5

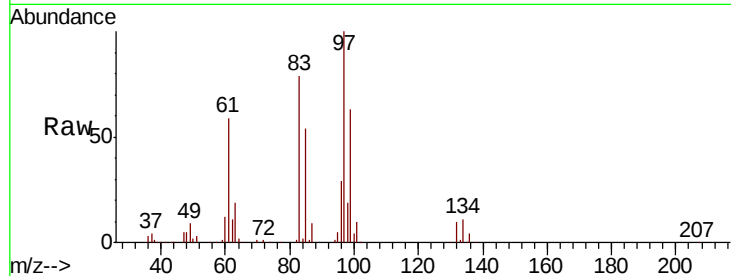




#46
 1,1,2-Trichloroethane
 Concen: 24.253 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	76533
Ion	Ratio	Lower	Upper
97	100		
83	78.6	56.8	105.6
85	53.7	37.3	69.3
99	62.6	44.2	82.2



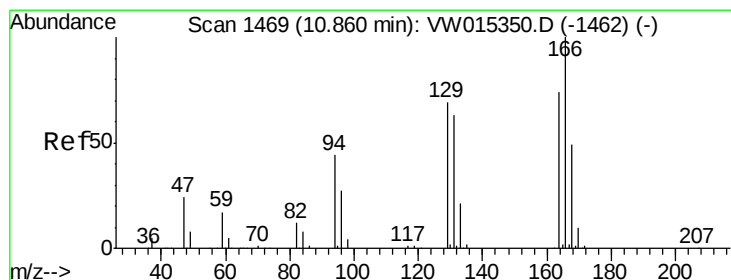
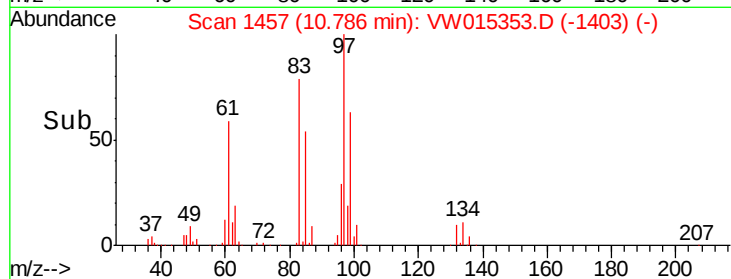
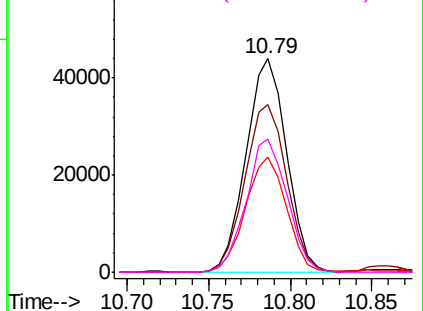
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

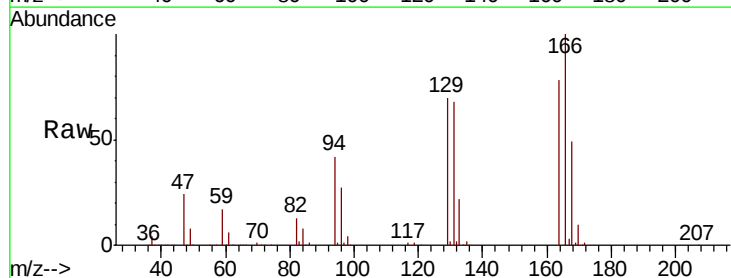
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 26.274 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:	164	Resp:	116110
Ion	Ratio	Lower	Upper
164	100		
129	88.6	65.3	121.3
131	86.9	59.1	109.7
166	127.5	94.2	175.0



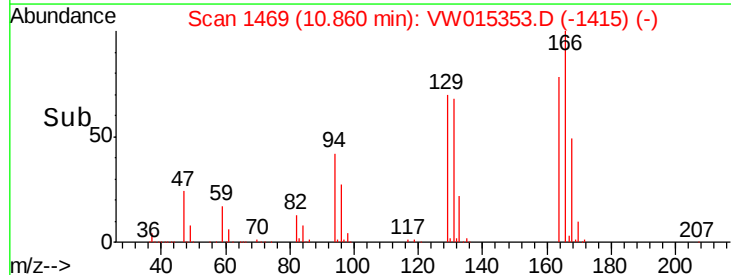
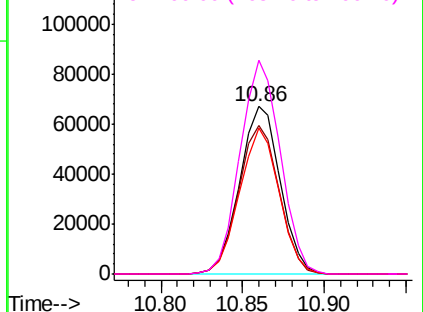
Abundance

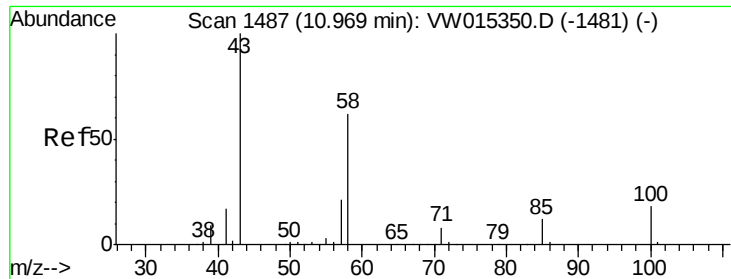
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

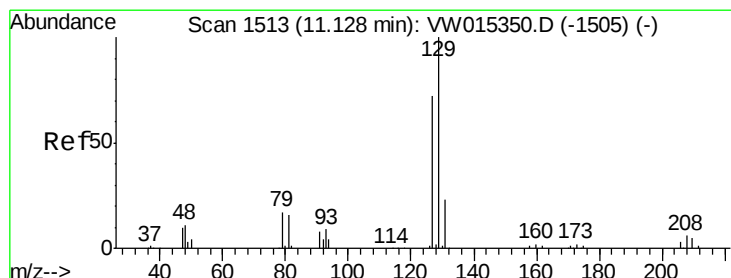
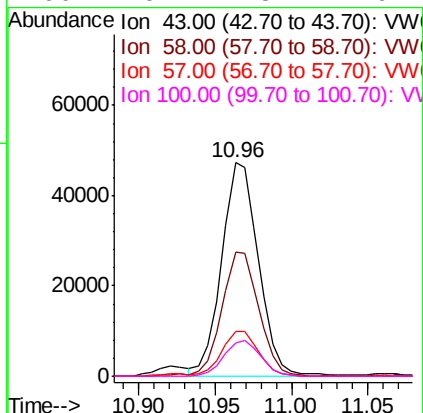
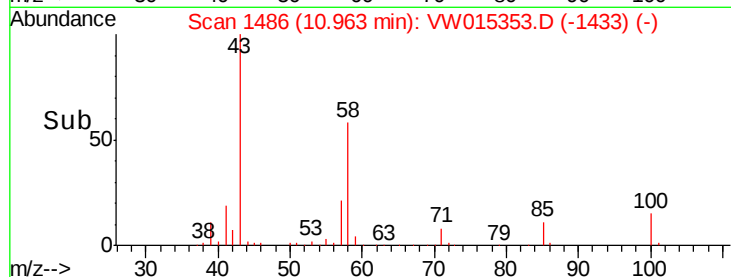
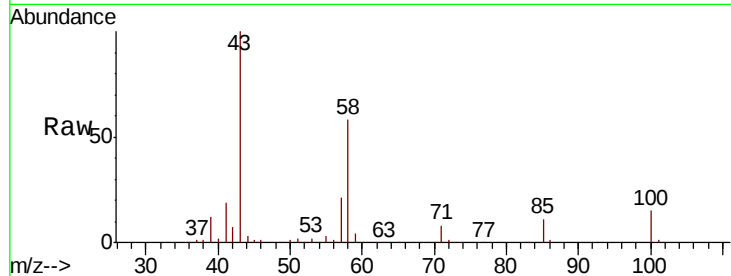




#49
2-Hexanone
Concen: 52.764 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

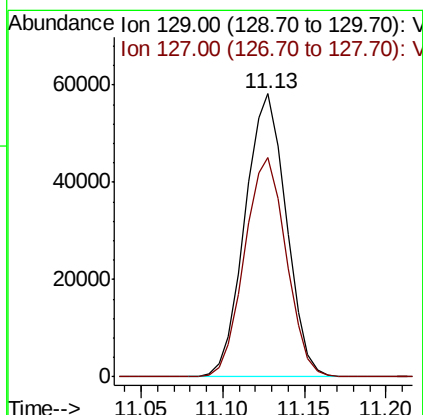
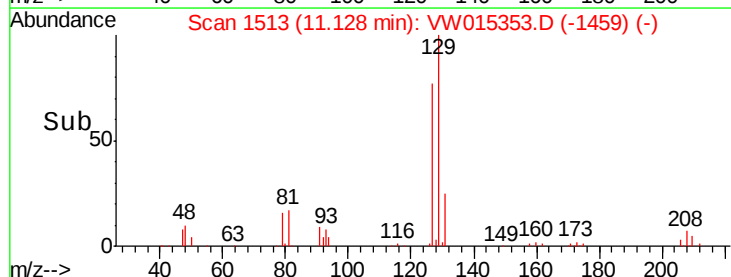
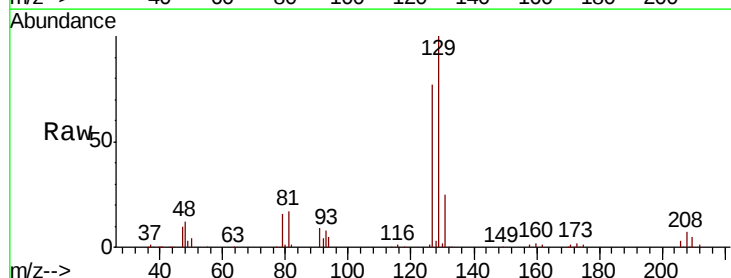
Instrument :
MSVOA_W
ClientSampleId :

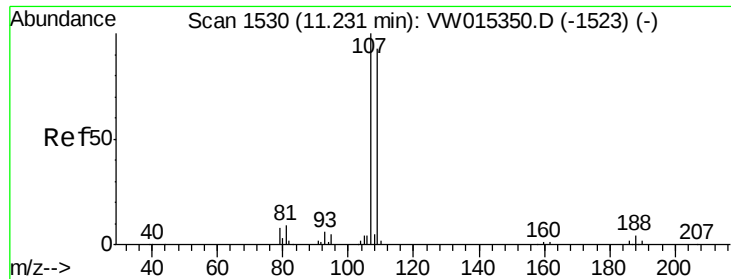
Tot Ion: 43 Resp: 78691
Ion Ratio Lower Upper
43 100
58 58.2 47.4 71.2
57 21.2 16.7 25.1
100 16.7 13.4 20.2



#50
Dibromochloromethane
Concen: 24.379 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

Tgt Ion:129 Resp: 102543
Ion Ratio Lower Upper
129 100
127 77.5 50.7 94.1

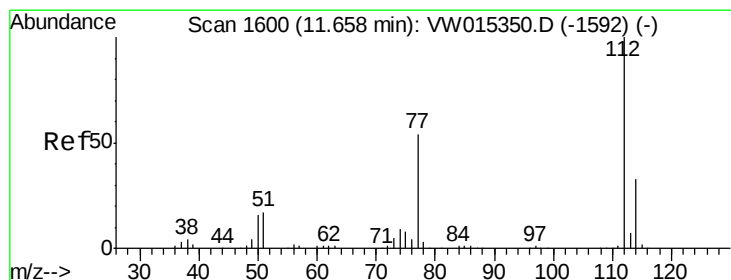
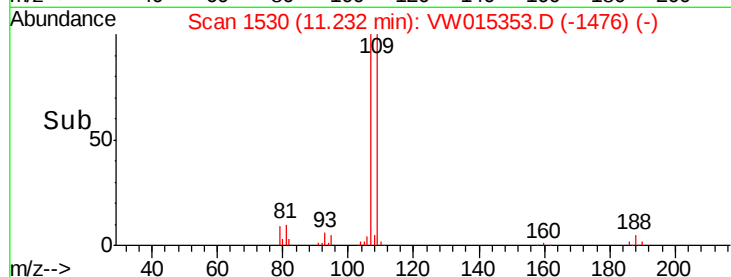
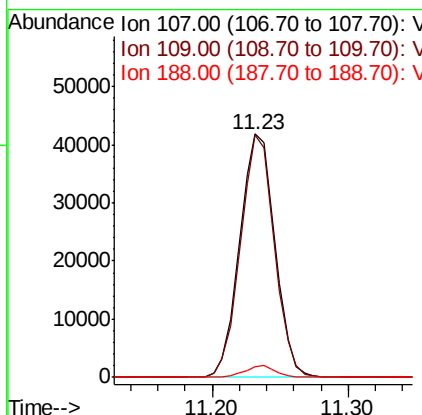
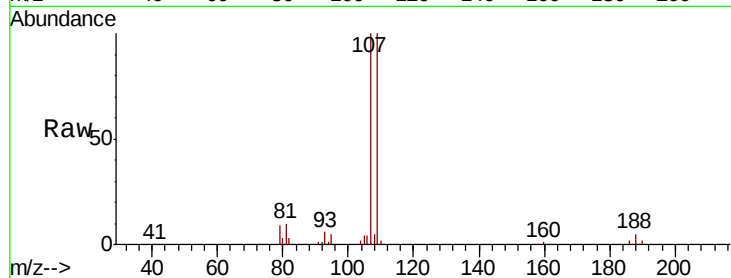




#51
 1,2-Dibromoethane
 Concen: 24.025 ug/L
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

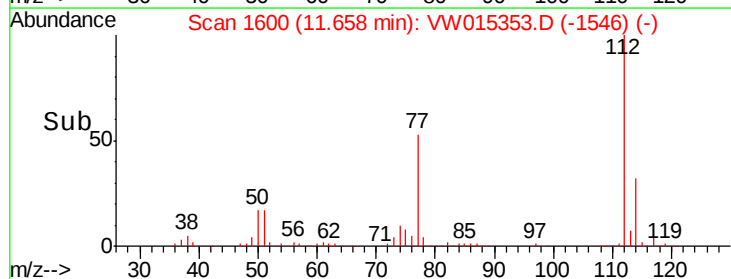
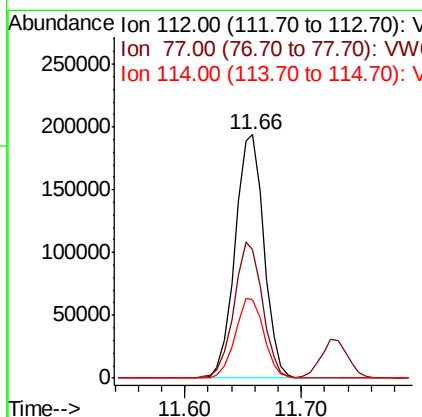
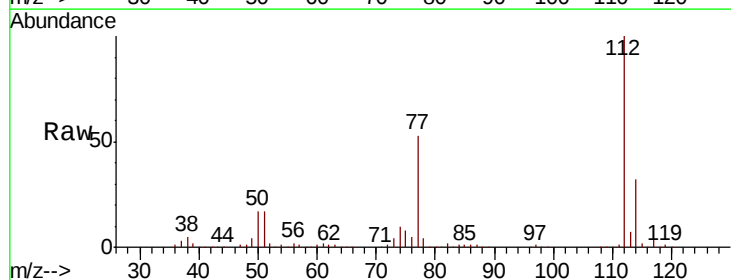
Instrument :
 MSVOA_W
 ClientSampled :

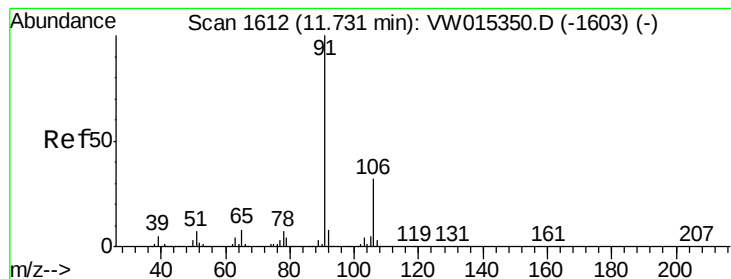
Tot Ion	Ratio	Lower	Upper
107	100		
109	99.6	65.3	121.3
188	4.7	3.1	4.7#



#52
 Chlorobenzene
 Concen: 25.620 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
77	52.8	43.0	64.6
114	32.2	23.3	43.3





#53

Ethylbenzene

Concen: 26.107 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

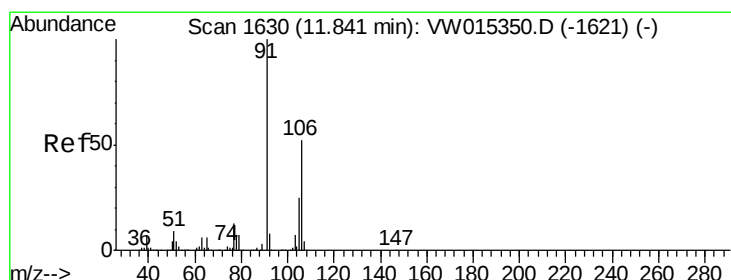
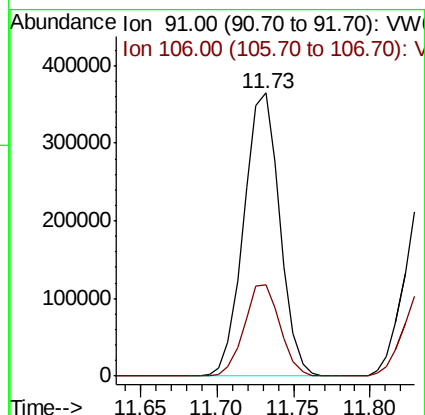
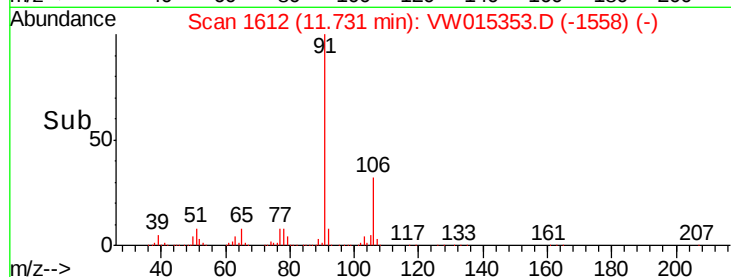
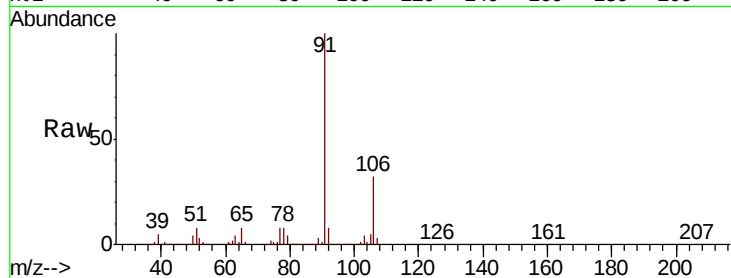
ClientSampleId :

Tot Ion: 91 Resp: 594203

Ion Ratio Lower Upper

91 100

106 32.1 22.5 41.9



#54

m,p-Xylene

Concen: 26.222 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015353.D

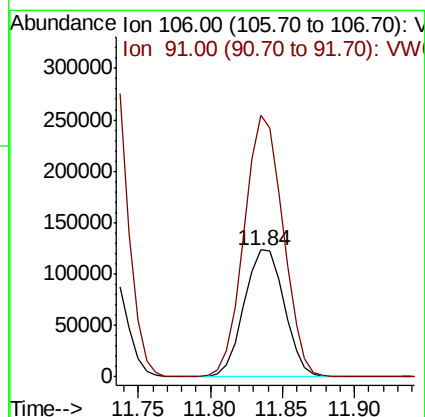
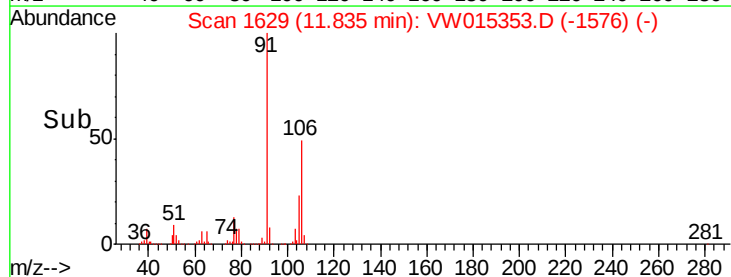
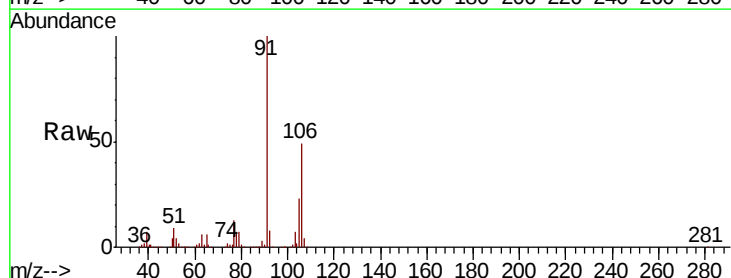
Acq: 27 Apr 2020 13:07

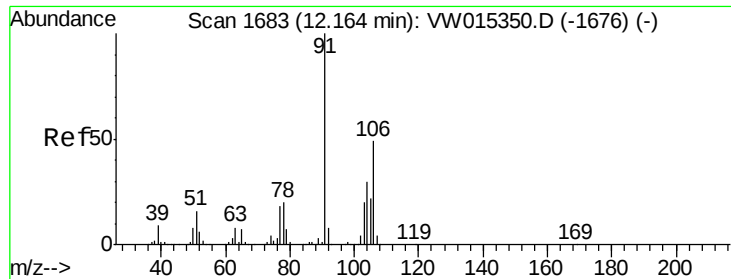
Tgt Ion: 106 Resp: 239285

Ion Ratio Lower Upper

106 100

91 205.6 134.3 249.5

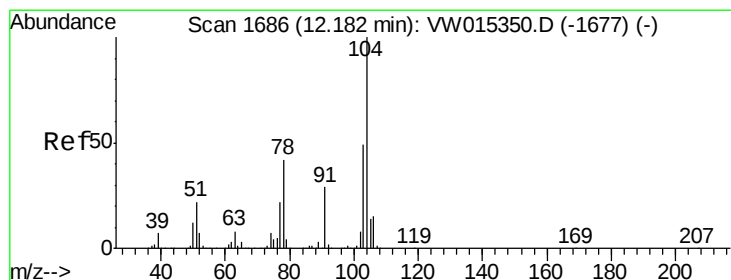
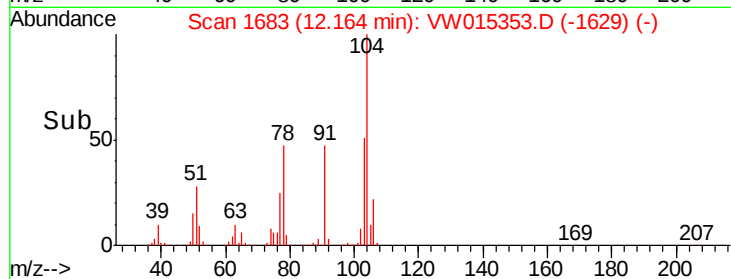
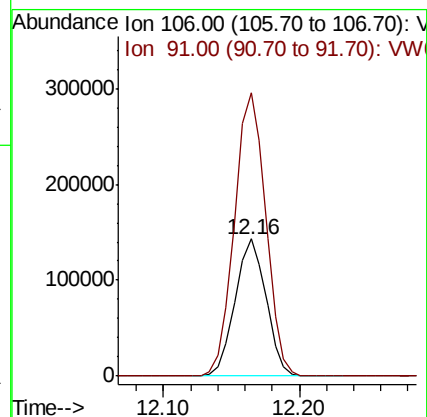
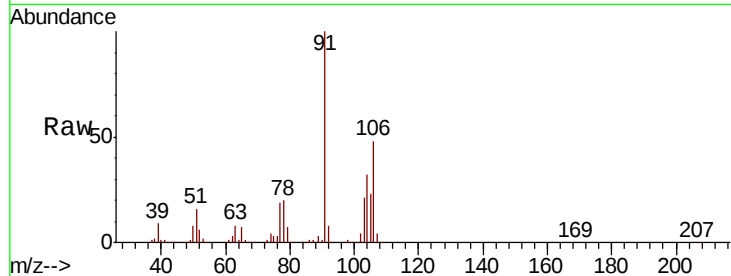




#55
o-xylene
Concen: 26.314 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

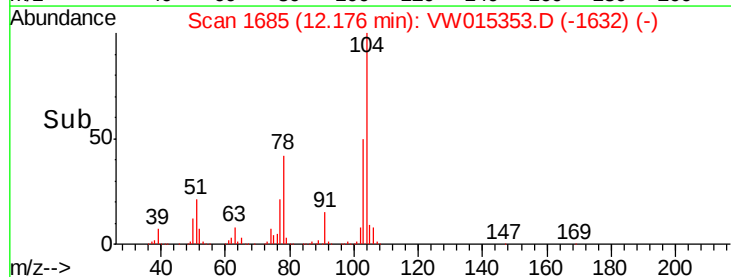
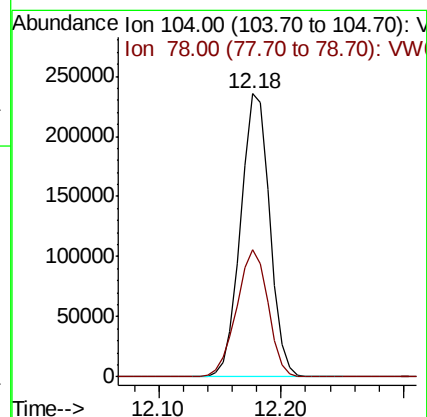
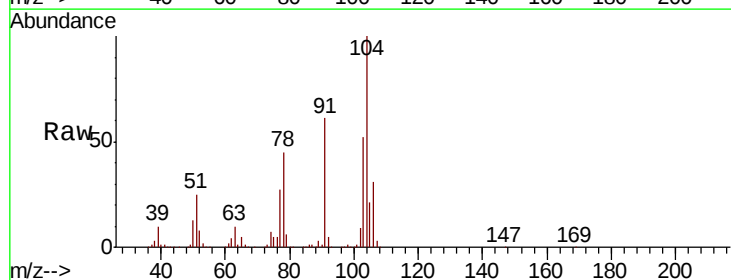
Instrument :
MSVOA_W
ClientSampled :

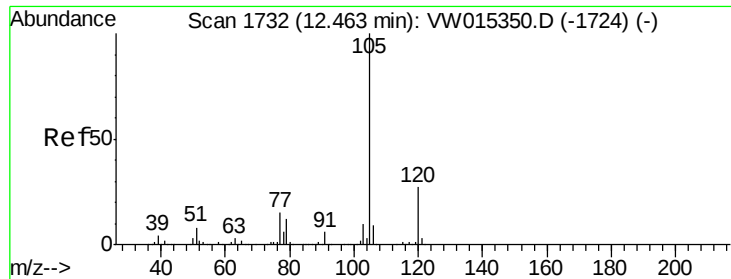
Tot Ion:106 Resp: 227570
Ion Ratio Lower Upper
106 100
91 206.7 142.0 263.8



#56
Styrene
Concen: 26.308 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015353.D
Acq: 27 Apr 2020 13:07

Tgt Ion:104 Resp: 387097
Ion Ratio Lower Upper
104 100
78 45.1 29.5 54.7





#57

Isopropylbenzene

Concen: 26.183 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015353.D

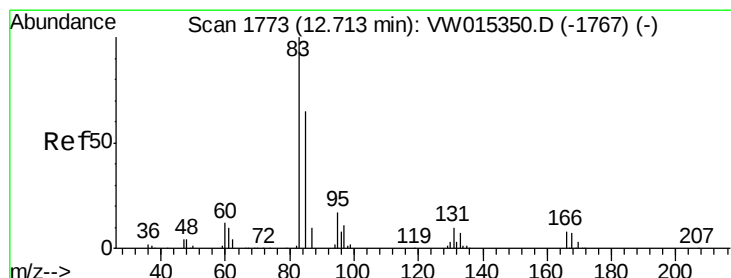
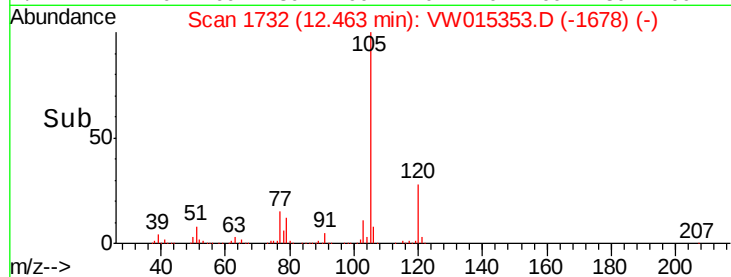
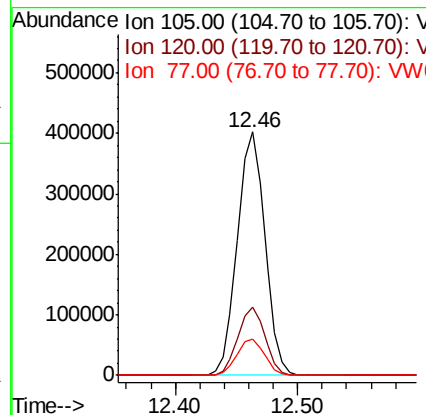
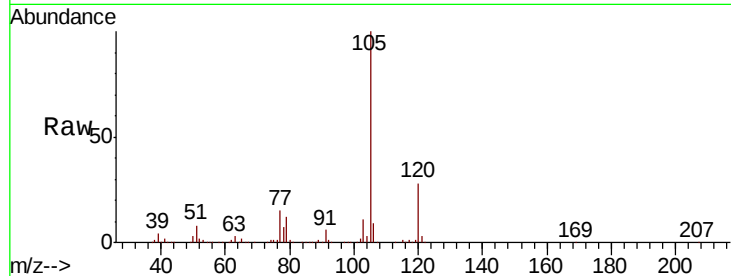
Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	105	Resp:	625037
Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.8	32.8
77	15.1	12.1	18.1



#58

1,1,2,2-Tetrachloroethane

Concen: 24.170 ug/L

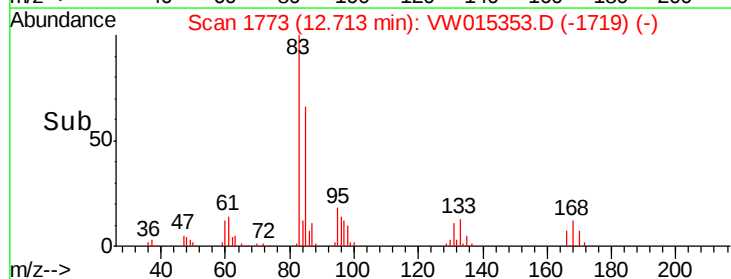
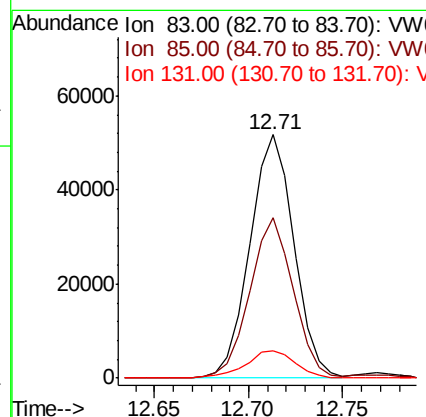
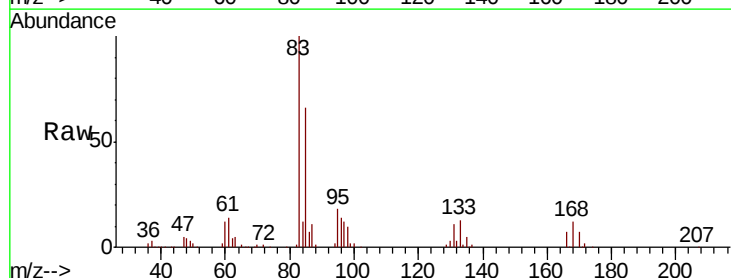
RT: 12.71 min Scan# 1773

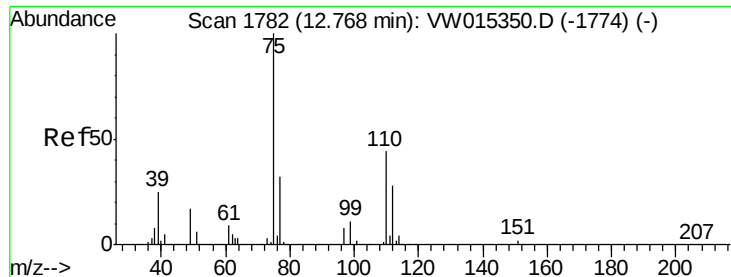
Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	83	Resp:	83770
Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.7	84.9
131	11.4	8.8	13.2





#59

1,2,3-Trichloropropane

Concen: 23.786 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

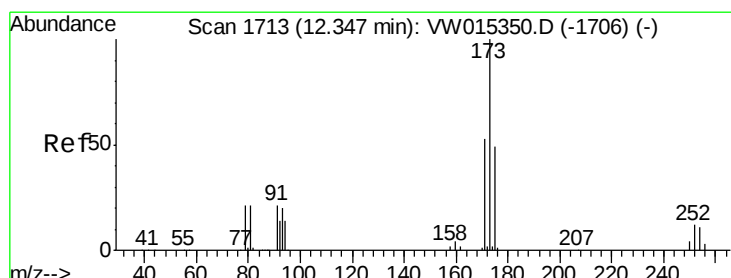
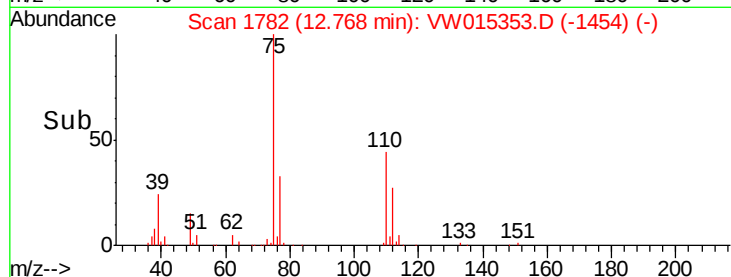
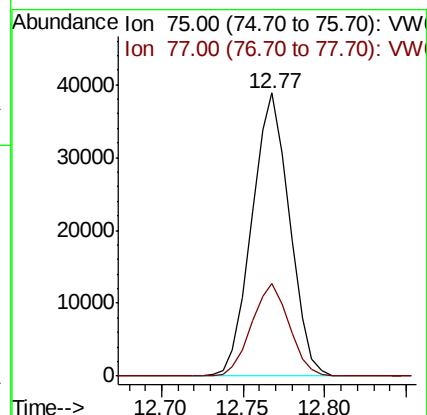
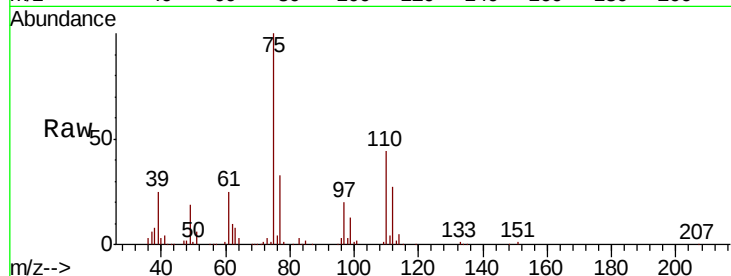
ClientSampleId :

Tot Ion: 75 Resp: 62549

Ion Ratio Lower Upper

75 100

77 32.8 26.9 40.3



#62

Bromoform

Concen: 24.809 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

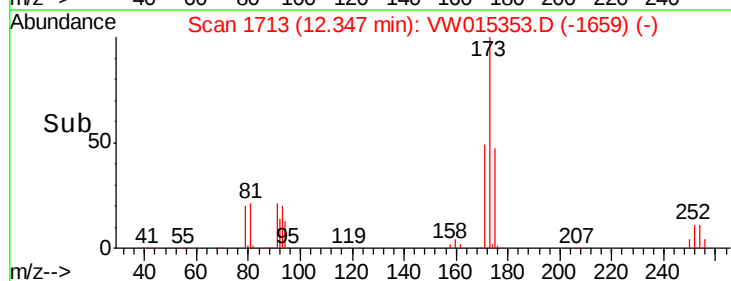
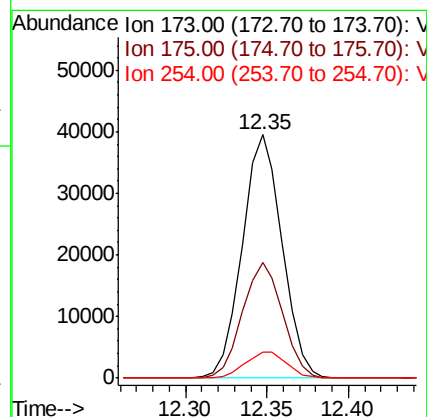
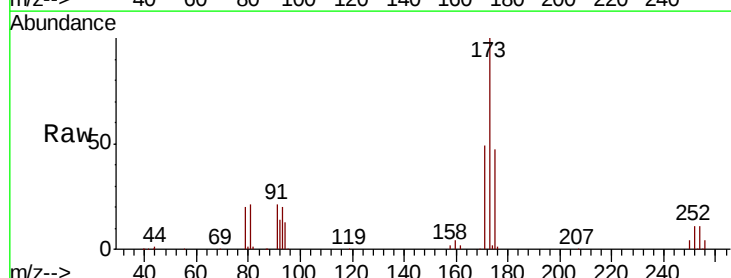
Tgt Ion: 173 Resp: 67126

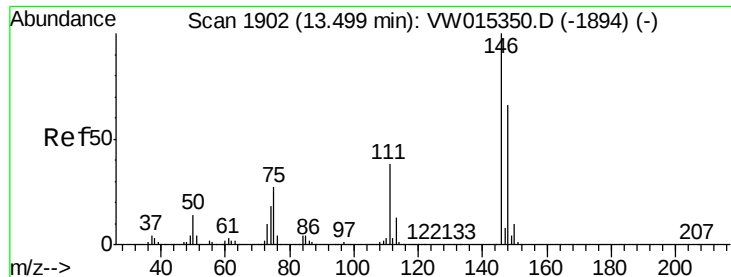
Ion Ratio Lower Upper

173 100

175 47.5 39.5 59.3

254 11.3 9.0 13.6

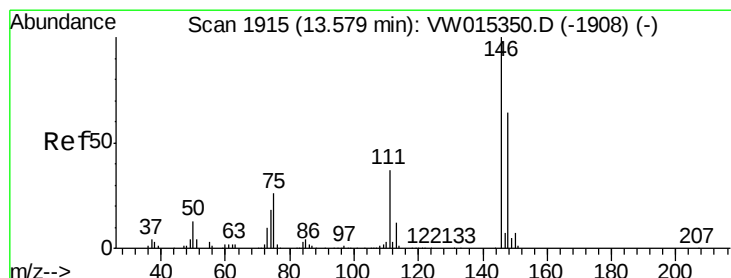
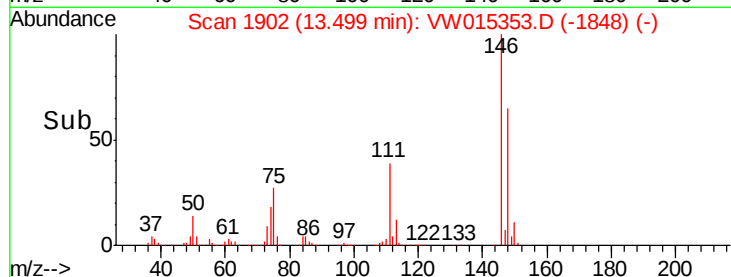
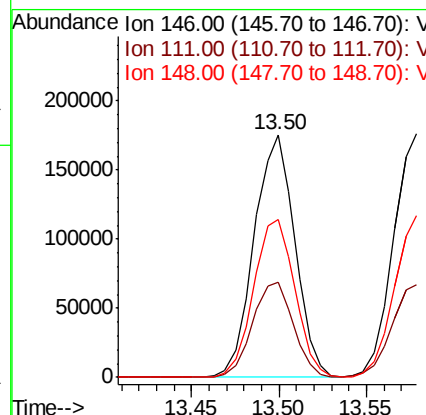
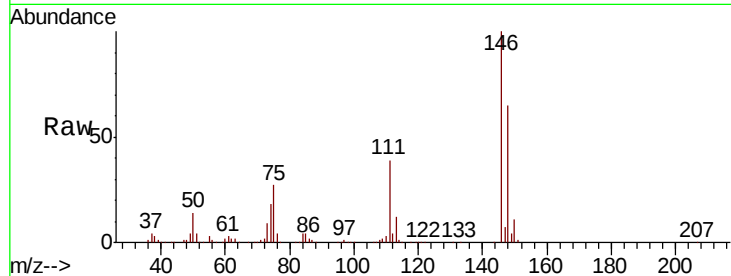




#63
 1,3-Dichlorobenzene
 Concen: 25.118 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

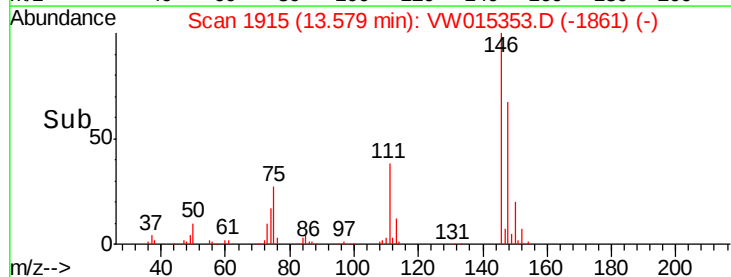
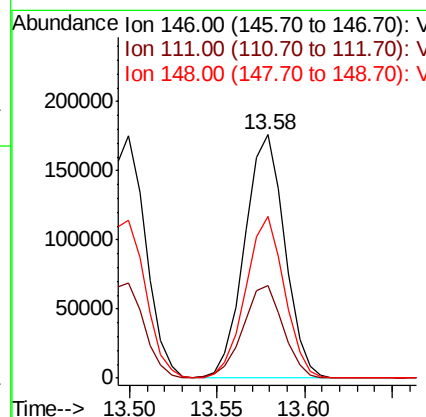
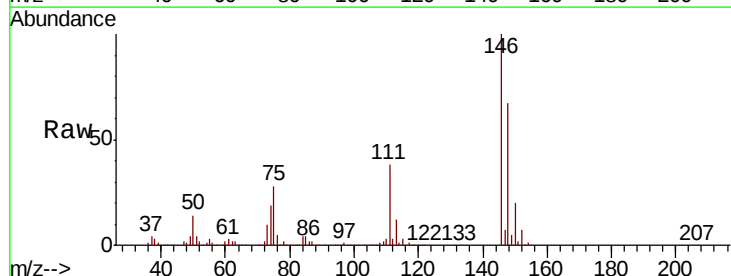
Instrument :
 MSVOA_W
 ClientSampleId :

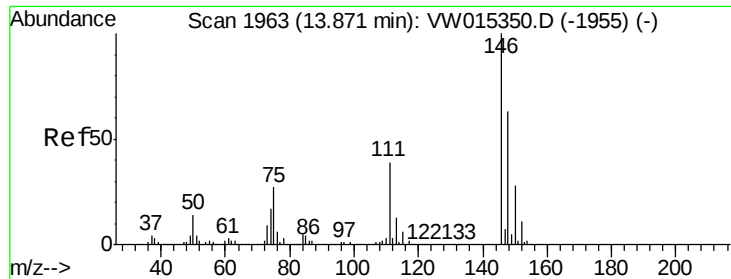
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.4	49.0
148	65.0	46.1	85.5



#64
 1,4-Dichlorobenzene
 Concen: 25.217 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.0	48.4
148	66.6	44.7	83.1





#65

1,2-Dichlorobenzene

Concen: 24.849 ug/L

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

ClientSampleId :

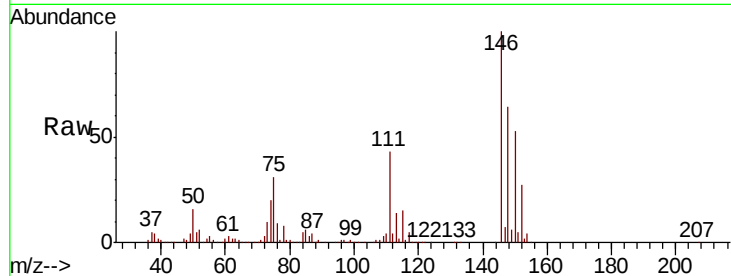
Tot Ion:146 Resp: 251482

Ion Ratio Lower Upper

146 100

111 42.5 31.2 46.8

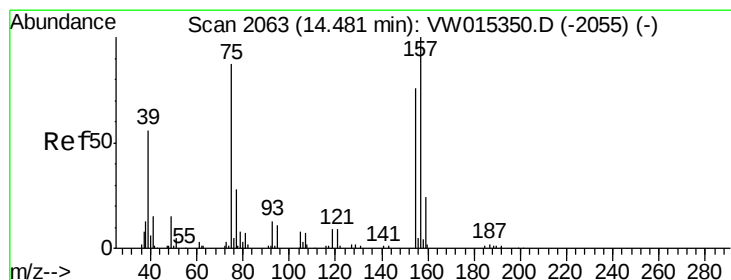
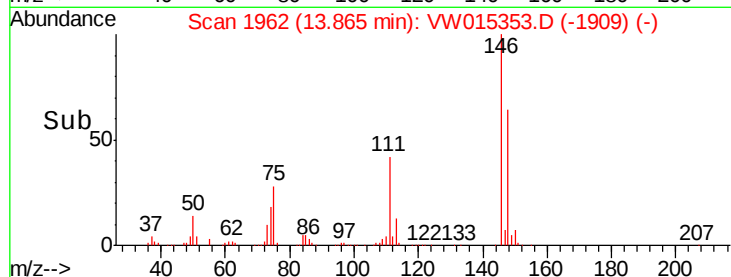
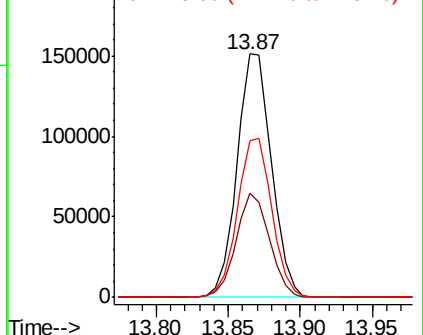
148 64.3 50.7 76.1



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



#66

1,2-Dibromo-3-chloropropane

Concen: 23.102 ug/L

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

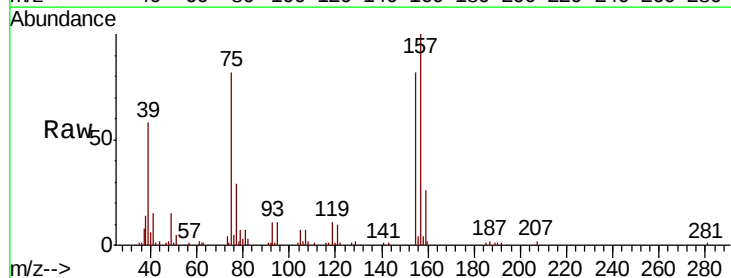
Tgt Ion: 75 Resp: 15546

Ion Ratio Lower Upper

75 100

157 122.2 92.3 138.5

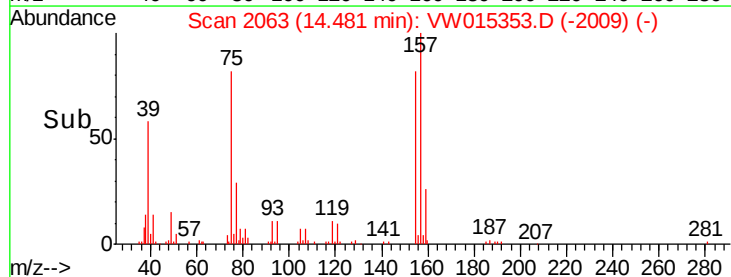
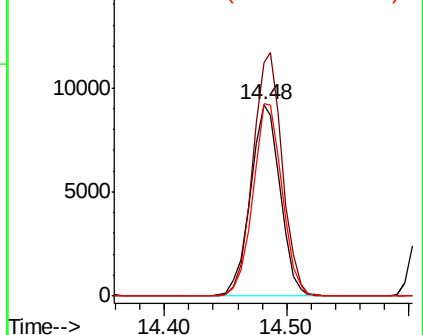
155 100.8 70.4 105.6

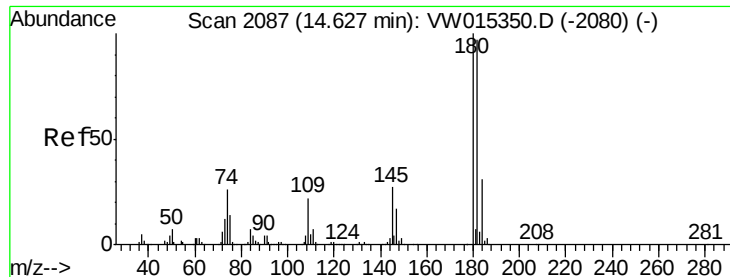


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

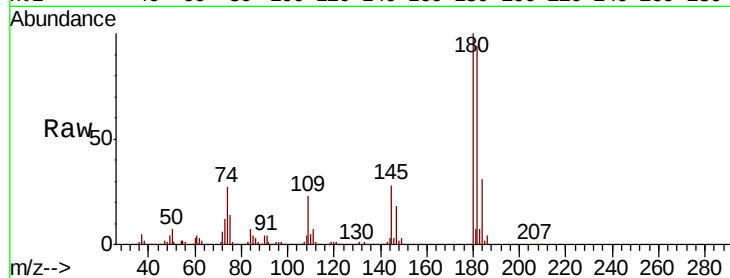




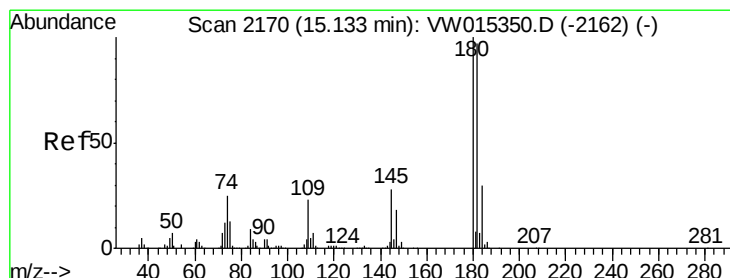
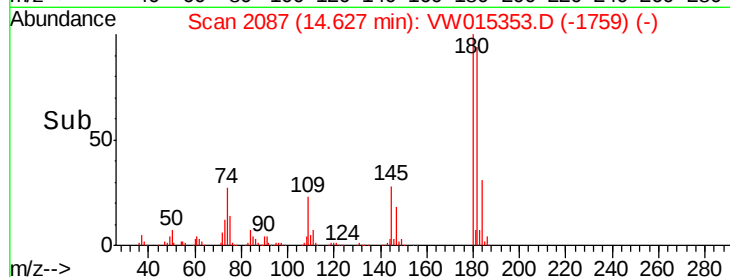
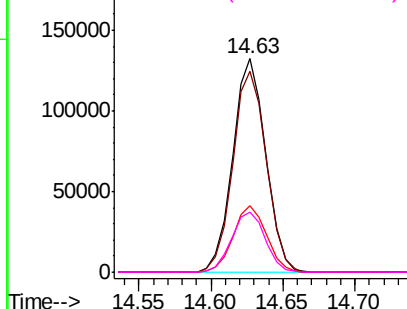
#67
 1,3,5-Trichlorobenzene
 Concen: 24.964 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	210673
Ion Ratio	Lower	Upper
180	100	
182	95.6	78.1 117.1
184	31.2	24.5 36.7
145	28.9	22.2 33.2

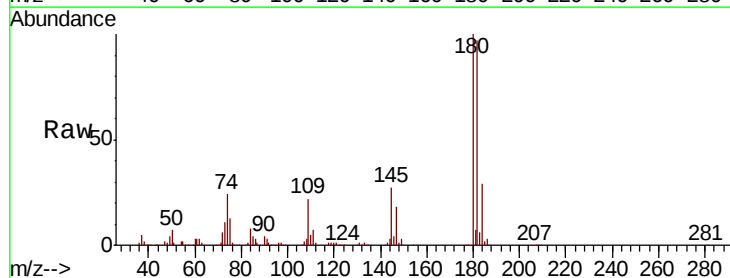


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

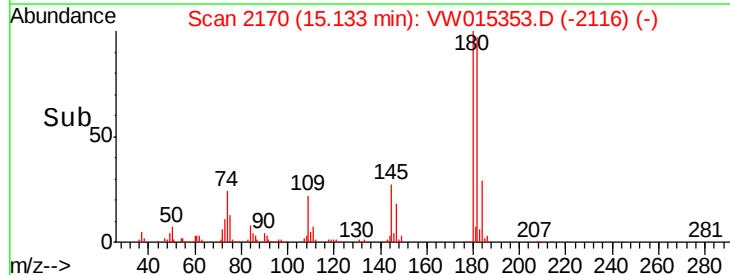
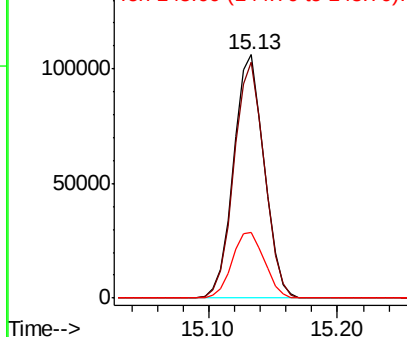


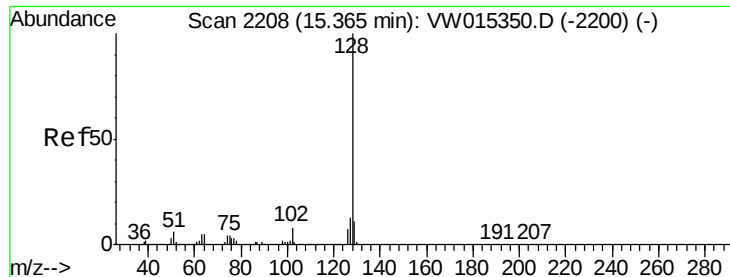
#68
 1,2,4-trichlorobenzene
 Concen: 26.074 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015353.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:180	Resp:	175329
Ion Ratio	Lower	Upper
180	100	
182	96.3	77.9 116.9
145	28.7	23.5 35.3



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





#69

Naphthalene

Concen: 24.936 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

Instrument :

MSVOA_W

ClientSampleId :

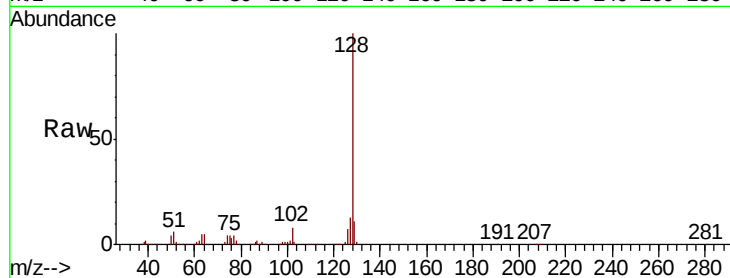
Tot Ion:128 Resp: 283018

Ion Ratio Lower Upper

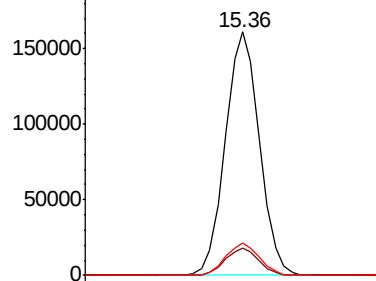
128 100

129 11.0 8.6 13.0

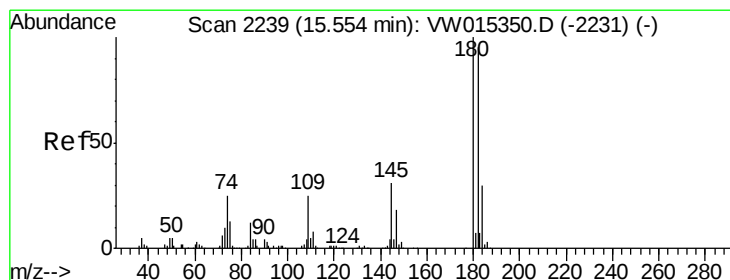
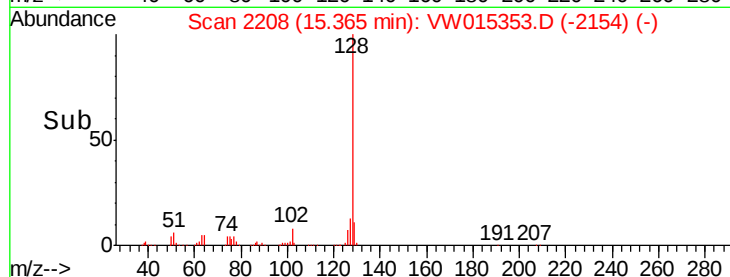
127 13.0 10.4 15.6



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



Time-->



#70

1,2,3-Trichlorobenzene

Concen: 25.612 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW015353.D

Acq: 27 Apr 2020 13:07

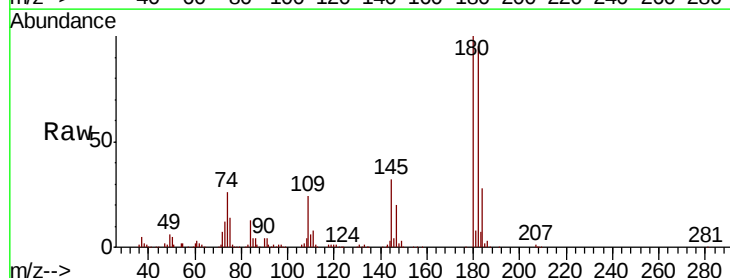
Tgt Ion:180 Resp: 148261

Ion Ratio Lower Upper

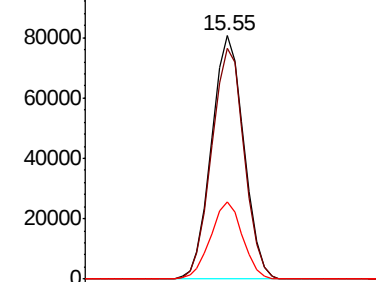
180 100

182 95.3 77.4 116.0

145 31.4 24.8 37.2



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



Time-->

