

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015550.D
 Acq On : 08 Jun 2020 11:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 01:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90756	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.00%
7) Chloroethane-d5	2.90	69	92564	28.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.80%
10) 1,1-Dichloroethene-d2	4.02	63	208620	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.76%
20) 2-Butanone-d5	7.08	46	61570	57.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.28%
24) Chloroform-d	7.65	84	219538	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.30	65	123844	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.27	84	421062	26.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.04%
33) 1,2-Dichloropropane-d6	9.27	67	126777	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.08%
37) Toluene-d8	10.32	98	400306	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.72%
38) trans-1,3-Dichloropropene-	10.58	79	56711	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
39) 2-Hexanone-d5	10.93	63	50286	59.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105055	28.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	137820	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	77724	24.428	ug/L 100
3) Chloromethane	2.21	50	80995	23.125	ug/L 100
5) Vinyl chloride	2.37	62	132402	25.137	ug/L 99
6) Bromomethane	2.79	94	82889	24.212	ug/L 100
8) Chloroethane	2.93	64	80888	25.228	ug/L 99
9) Trichlorofluoromethane	3.26	101	98632	26.313	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	106002	23.844	ug/L 98
12) 1,1-Dichloroethene	4.04	96	106560	24.814	ug/L 95
13) Acetone	4.12	43	54811	65.798	ug/L 99
14) Carbon disulfide	4.38	76	337630	23.567	ug/L 99
15) Methyl Acetate	4.67	43	50158	27.831	ug/L 100
16) Methylene chloride	4.92	84	112696	25.496	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	176920	25.961	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	115110	25.012	ug/L 98
19) 1,1-Dichloroethane	6.22	63	210654	25.448	ug/L 99
21) 2-Butanone	7.17	43	71794	56.104	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	121377	25.281	ug/L 100

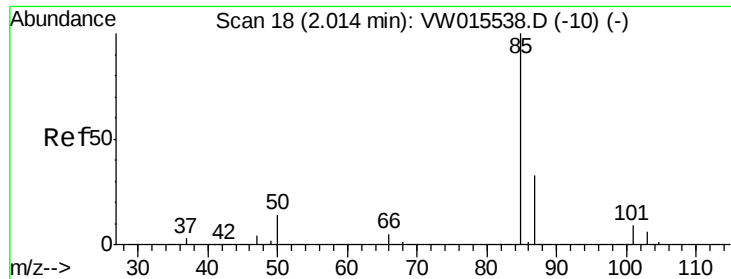
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015550.D
 Acq On : 08 Jun 2020 11:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 01:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	53035	25.617	ug/L	98
25) Chloroform	7.68	83	213994	25.674	ug/L	99
27) 1,2-Dichloroethane	8.40	62	148178	26.278	ug/L	99
30) Cyclohexane	7.96	56	193064	23.660	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	186807	25.296	ug/L	99
32) Carbon tetrachloride	8.07	117	168454	24.870	ug/L	99
34) Benzene	8.32	78	465684	25.226	ug/L	100
35) Trichloroethene	9.09	95	123659	24.938	ug/L	99
36) Methylcyclohexane	9.34	83	211421	23.906	ug/L	100
40) 1,2-Dichloropropane	9.37	63	115003	25.297	ug/L	100
41) Bromodichloromethane	9.65	83	156533	25.774	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	187286	25.745	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	143272	53.764	ug/L	100
44) Toluene	10.39	91	510179	25.367	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	166085	26.234	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	84546	26.583	ug/L	98
47) Tetrachloroethene	10.87	164	98792	25.133	ug/L	95
49) 2-Hexanone	10.97	43	104046	57.845	ug/L	98
50) Dibromochloromethane	11.13	129	105341	27.262	ug/L	97
51) 1,2-Dibromoethane	11.24	107	80654	26.415	ug/L	97
52) Chlorobenzene	11.66	112	318458	25.244	ug/L	97
53) Ethylbenzene	11.73	91	578921	25.068	ug/L	99
54) m,p-Xylene	11.84	106	218736	25.241	ug/L	99
55) o-xylene	12.16	106	207955	25.281	ug/L	93
56) Styrene	12.18	104	358391	25.499	ug/L	98
57) Isopropylbenzene	12.46	105	574824	25.086	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	101574	27.586	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	77003	27.581	ug/L	100
62) Bromoform	12.35	173	59651	26.475	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	242192	24.476	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	248059	25.585	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	223221	25.959	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	17797	27.283	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	177785	25.952	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	141103	25.573	ug/L	97
69) Naphthalene	15.37	128	275159	27.465	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	126200	26.885	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 24.428 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

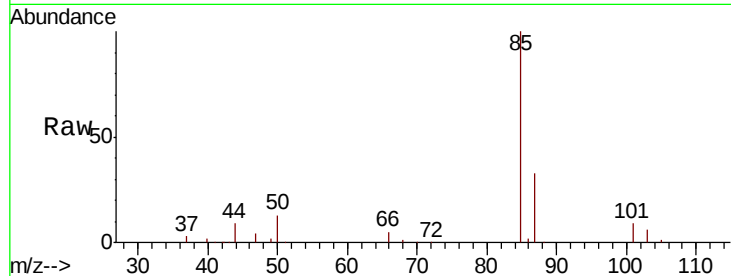
ClientSampled :

Tot Ion: 85 Resp: 77724

Ion Ratio Lower Upper

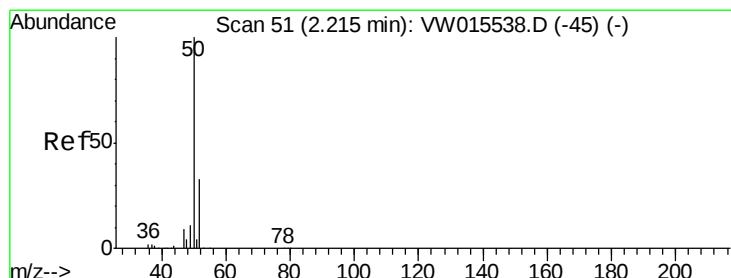
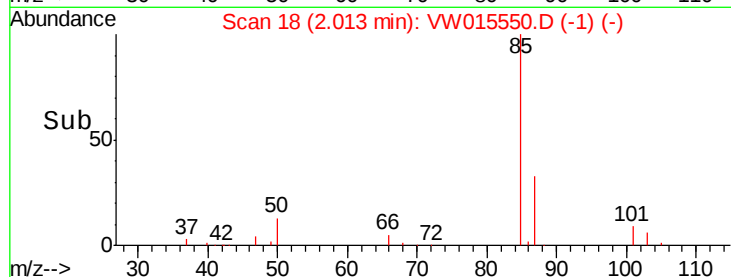
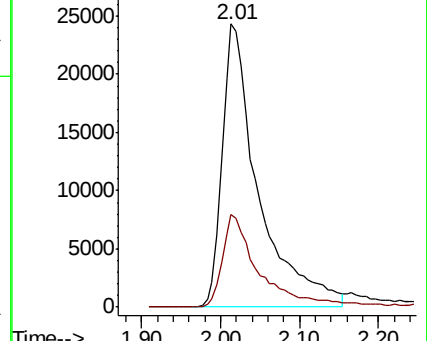
85 100

87 29.8 21.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 23.125 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015550.D

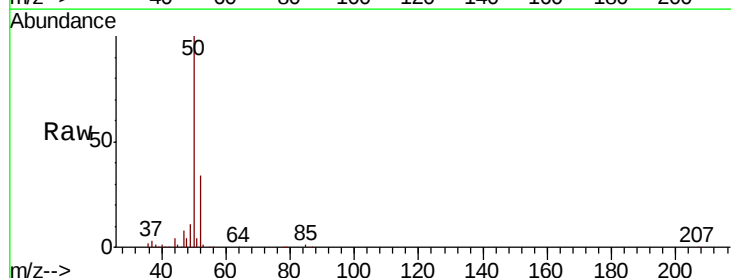
Acq: 08 Jun 2020 11:01

Tgt Ion: 50 Resp: 80995

Ion Ratio Lower Upper

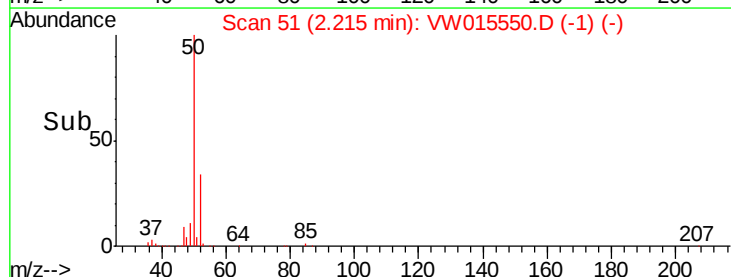
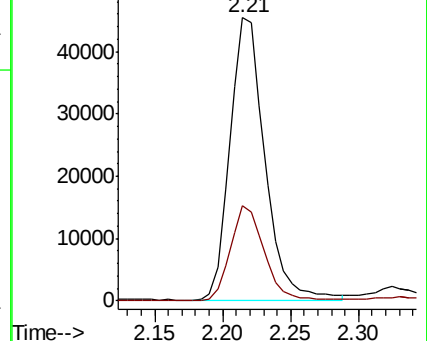
50 100

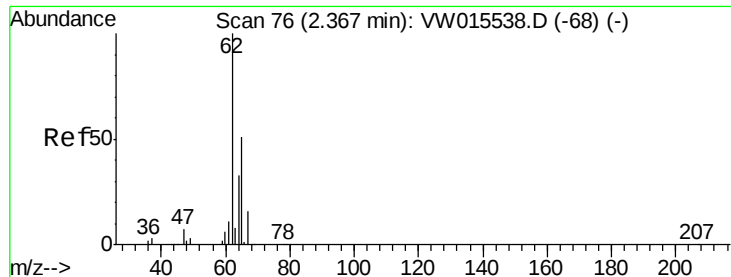
52 33.6 23.3 43.3



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 25.137 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

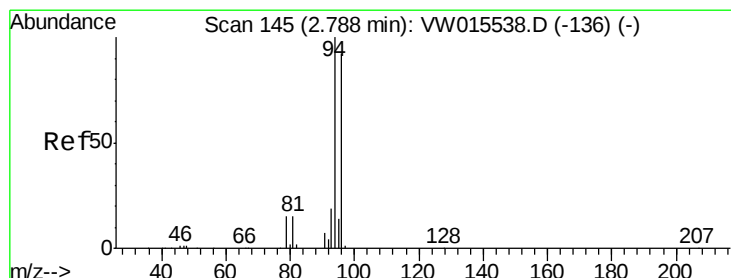
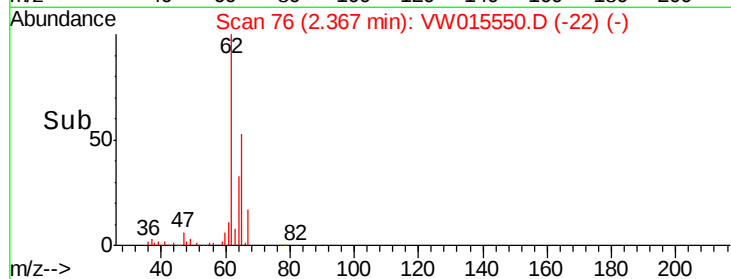
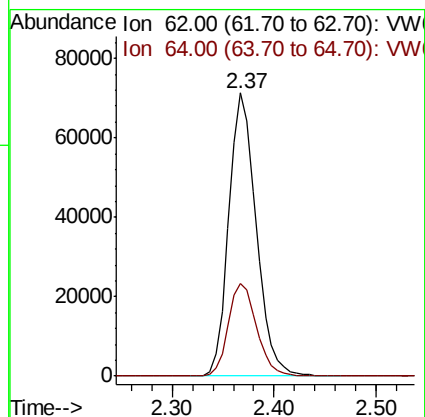
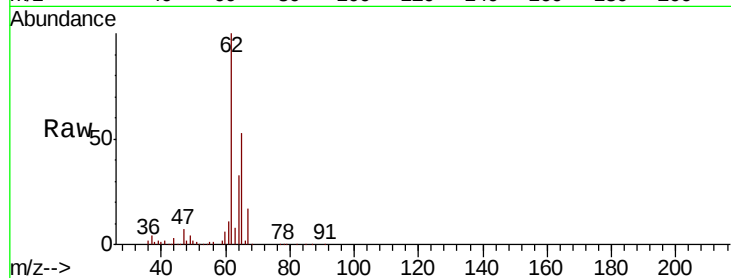
ClientSampleId :

Tot Ion: 62 Resp: 132402

Ion Ratio Lower Upper

62 100

64 32.6 22.6 42.0



#6

Bromomethane

Concen: 24.212 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW015550.D

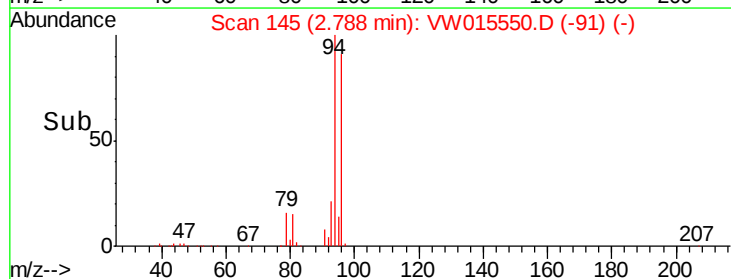
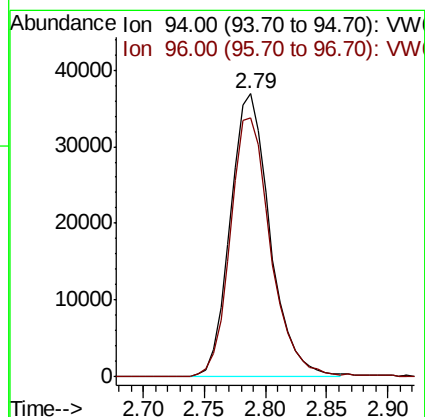
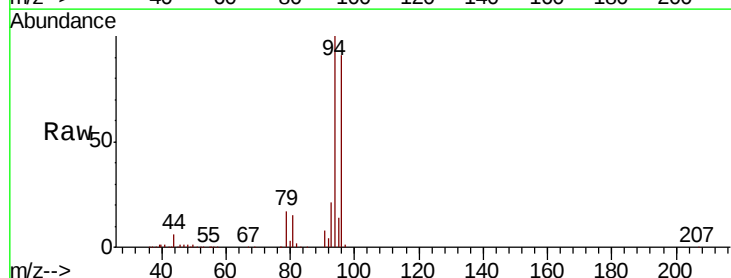
Acq: 08 Jun 2020 11:01

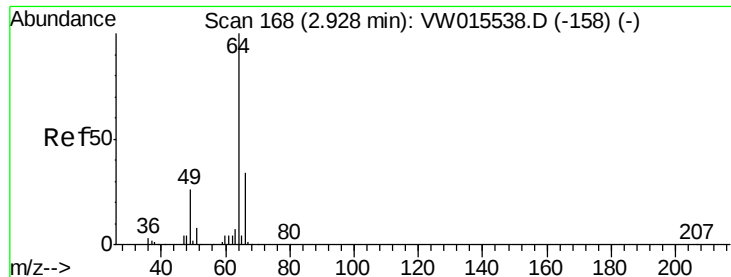
Tgt Ion: 94 Resp: 82889

Ion Ratio Lower Upper

94 100

96 93.9 9.3 177.5





#8

Chloroethane

Concen: 25.228 ug/L

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

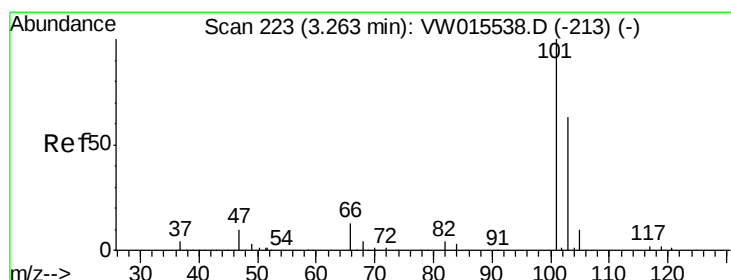
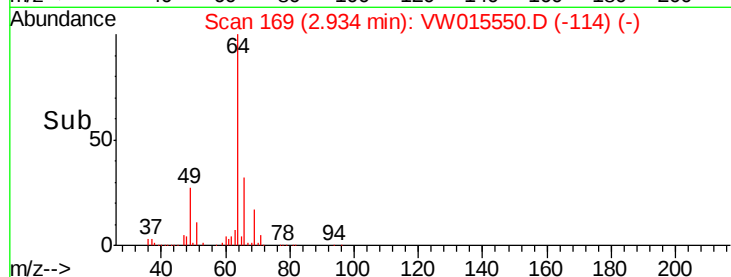
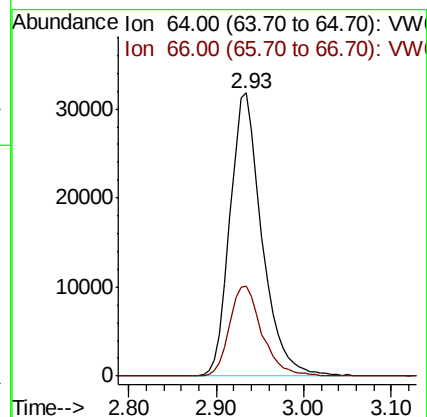
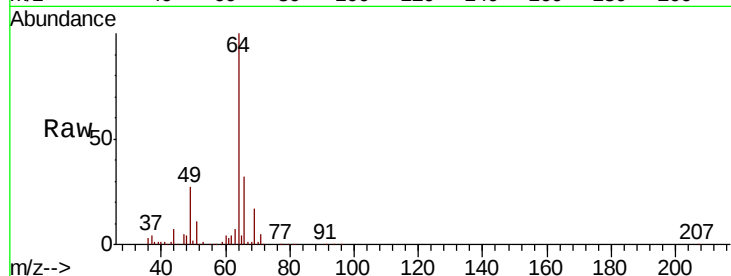
ClientSampleId :

Tot Ion: 64 Resp: 80888

Ion Ratio Lower Upper

64 100

66 31.9 22.0 40.8



#9

Trichlorofluoromethane

Concen: 26.313 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW015550.D

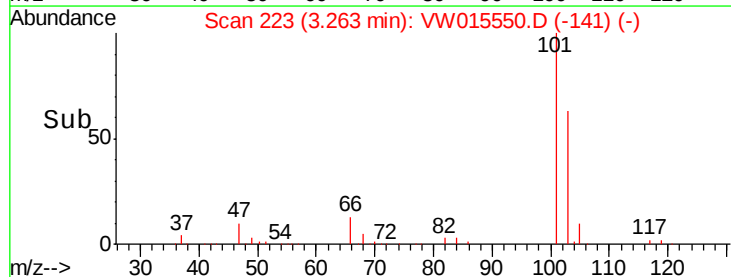
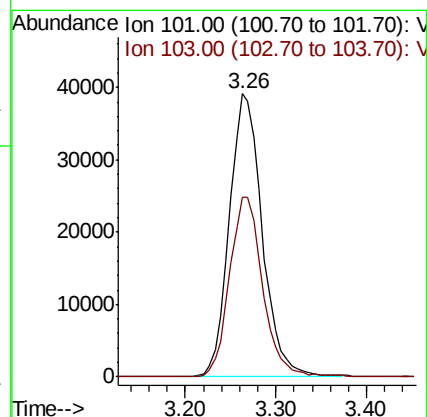
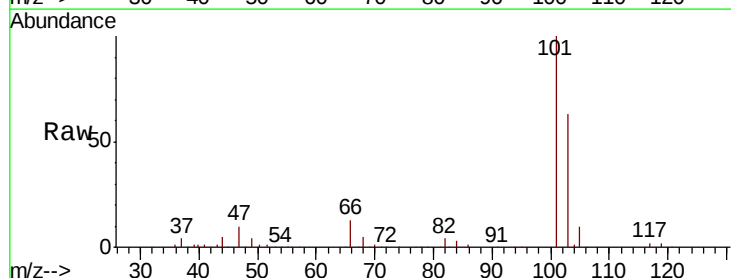
Acq: 08 Jun 2020 11:01

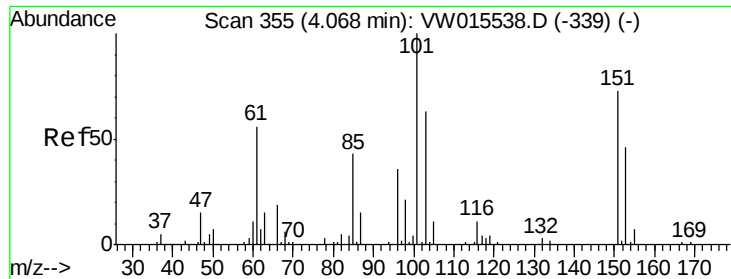
Tgt Ion: 101 Resp: 98632

Ion Ratio Lower Upper

101 100

103 64.0 46.6 86.6





#11

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

Concen: 23.844 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

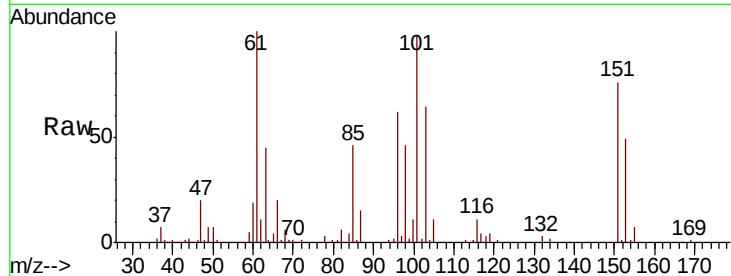
Tot Ion:101 Resp: 106002

Ion Ratio Lower Upper

101 100

85 46.1 35.1 52.7

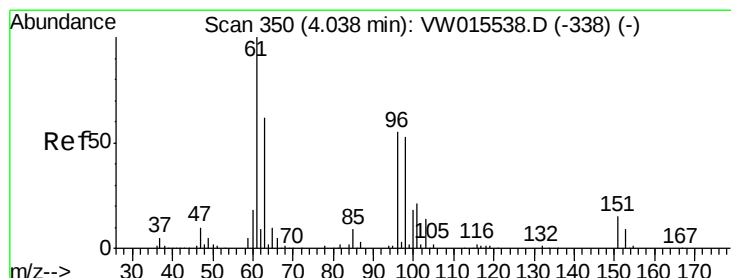
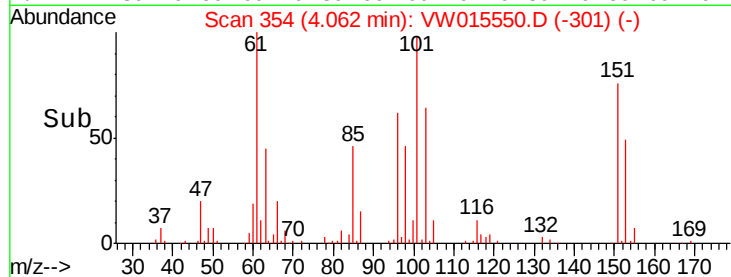
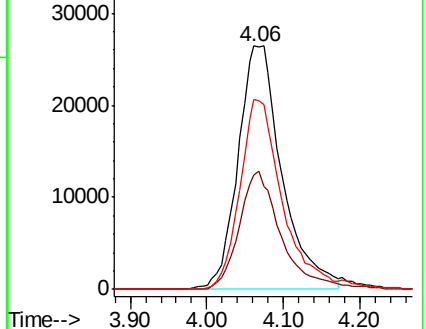
151 74.0 58.6 87.8



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: 24.814 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

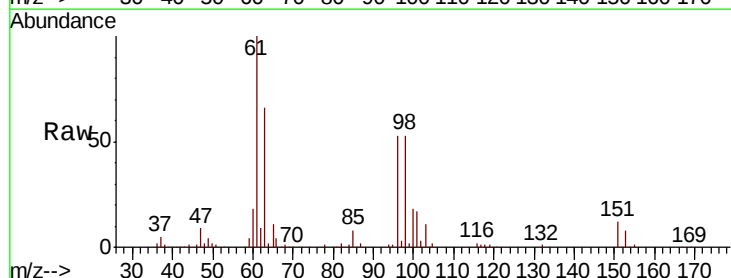
Tgt Ion: 96 Resp: 106560

Ion Ratio Lower Upper

96 100

61 188.4 127.7 237.1

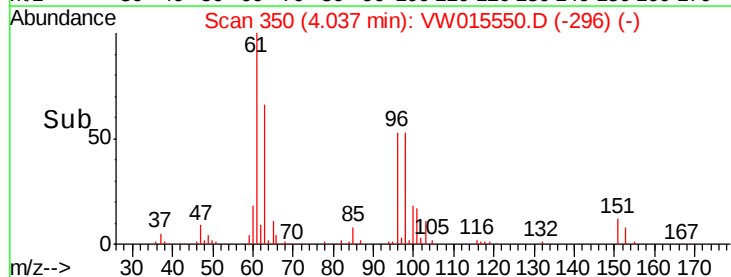
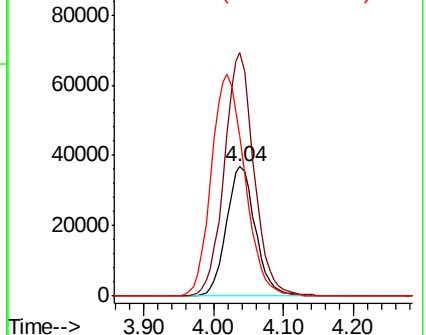
63 123.7 92.3 171.5

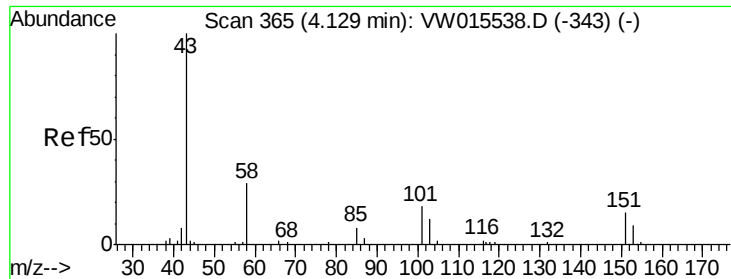


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 65.798 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

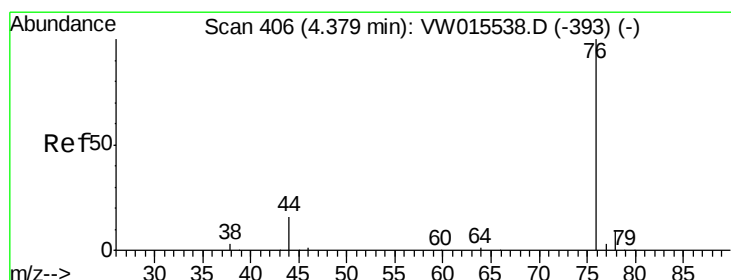
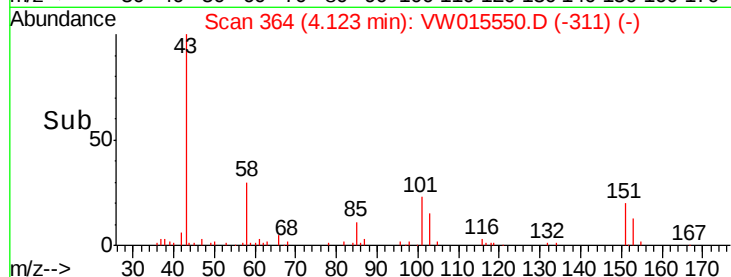
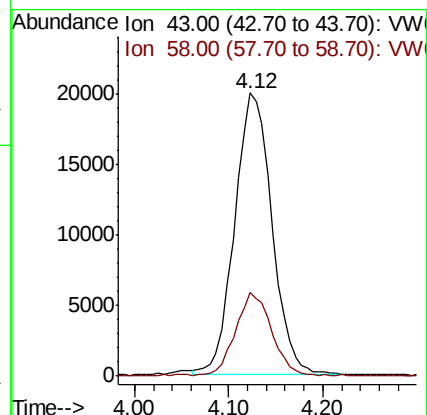
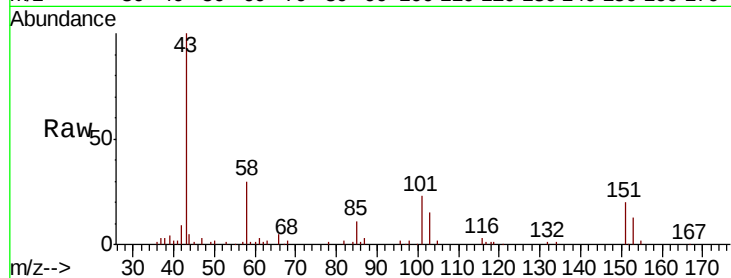
ClientSampled :

Tot Ion: 43 Resp: 54811

Ion Ratio Lower Upper

43 100

58 29.1 0.0 56.8



#14

Carbon disulfide

Concen: 23.567 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015550.D

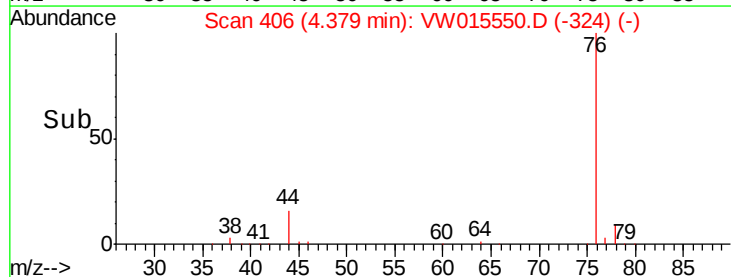
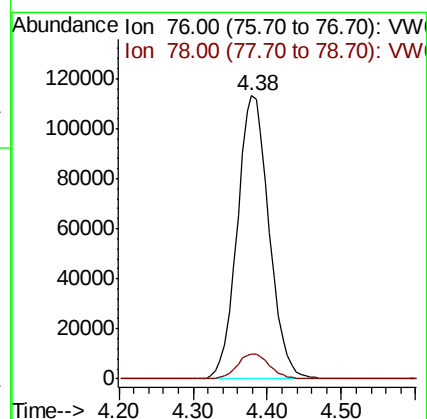
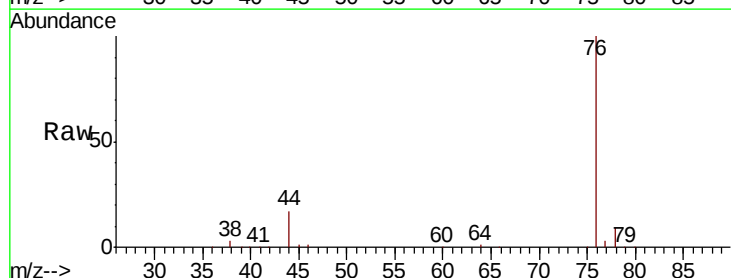
Acq: 08 Jun 2020 11:01

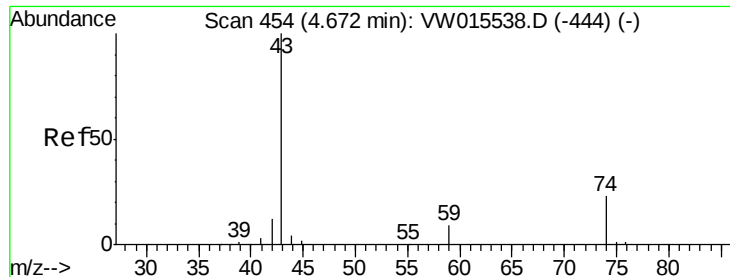
Tgt Ion: 76 Resp: 337630

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





#15

Methyl Acetate

Concen: 27.831 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

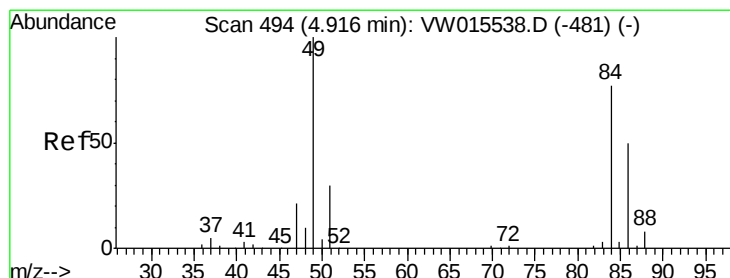
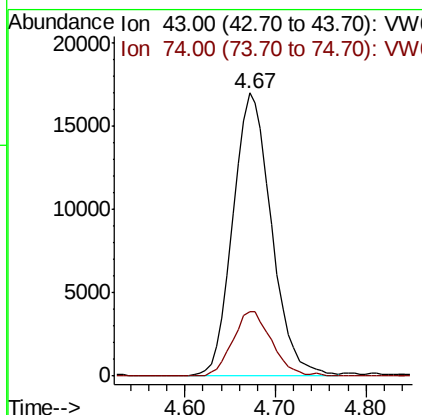
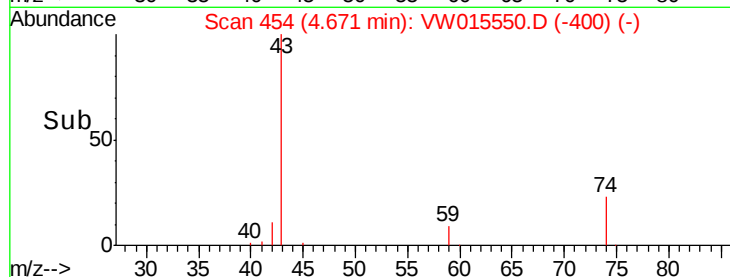
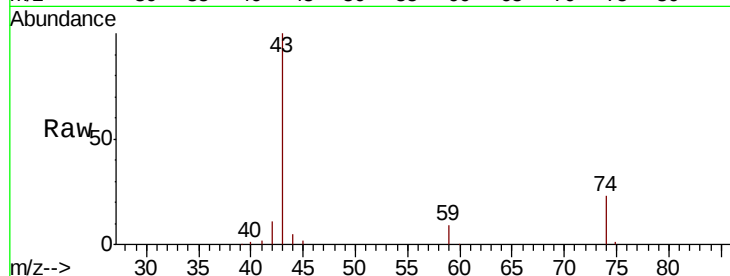
ClientSampled :

Tot Ion: 43 Resp: 50158

Ion Ratio Lower Upper

43 100

74 22.9 18.2 27.2



#16

Methylene chloride

Concen: 25.496 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

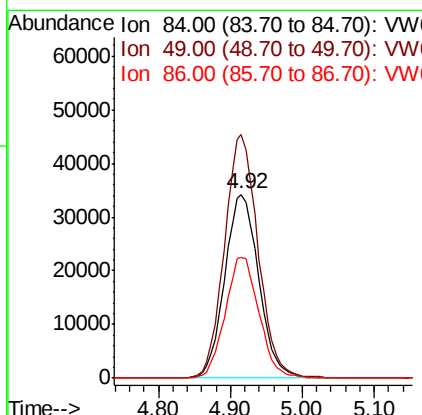
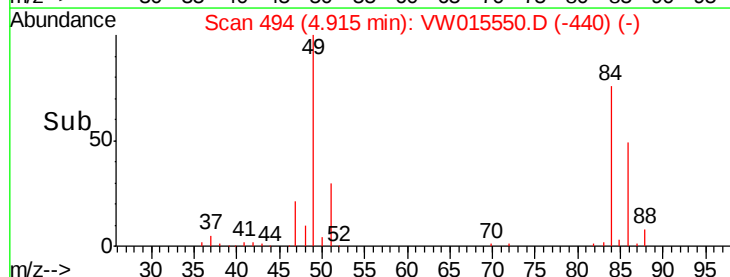
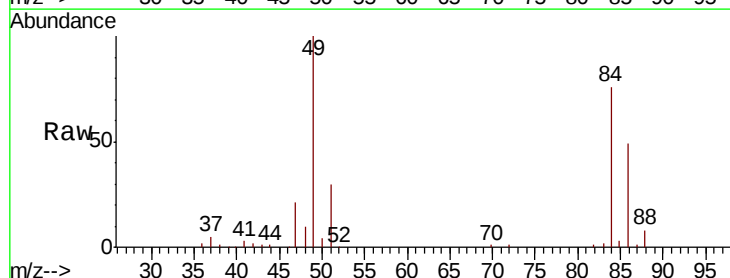
Tgt Ion: 84 Resp: 112696

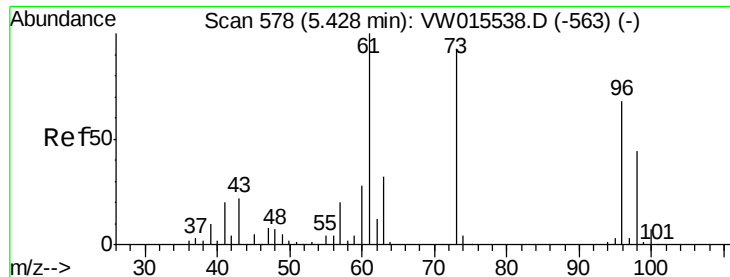
Ion Ratio Lower Upper

84 100

49 132.4 93.0 172.8

86 65.4 44.7 83.1

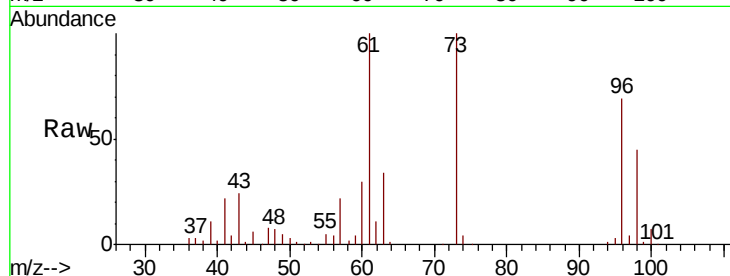




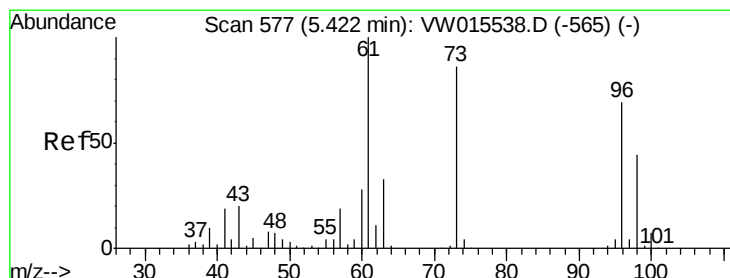
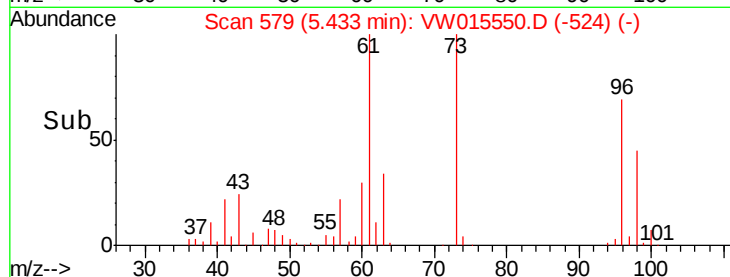
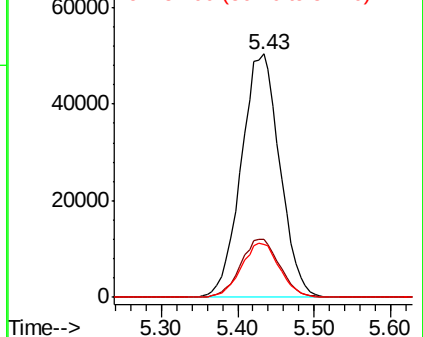
#17
Methvl tert-butvl Ether
Concen: 25.961 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 73 Resp: 176920
Ion Ratio Lower Upper
73 100
43 24.1 19.6 29.4
57 22.2 17.7 26.5

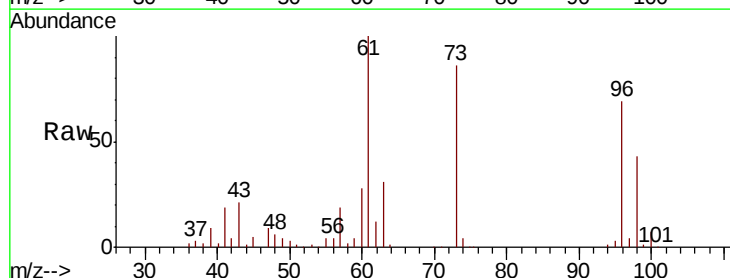


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

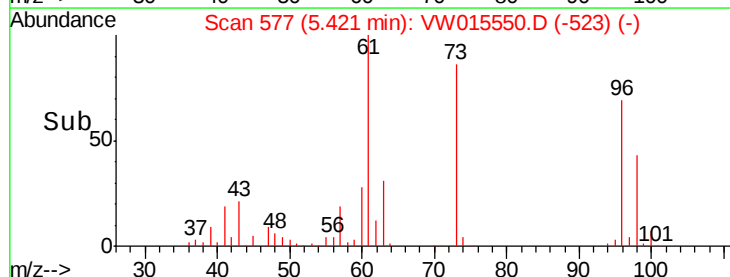
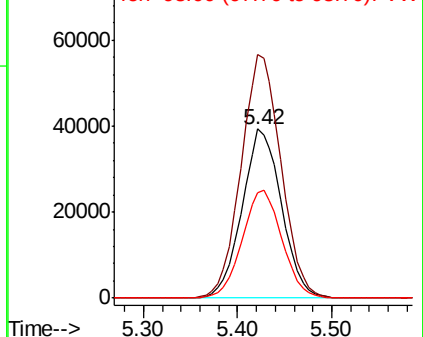


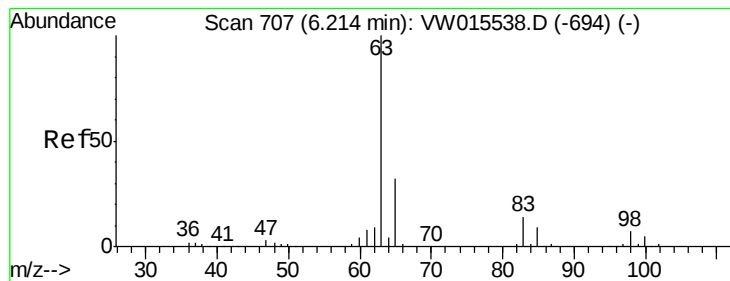
#18
trans-1,2-Dichloroethene
Concen: 25.012 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion: 96 Resp: 115110
Ion Ratio Lower Upper
96 100
61 144.2 101.9 189.3
98 62.1 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW





#19

1,1-Dichloroethane

Concen: 25.448 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

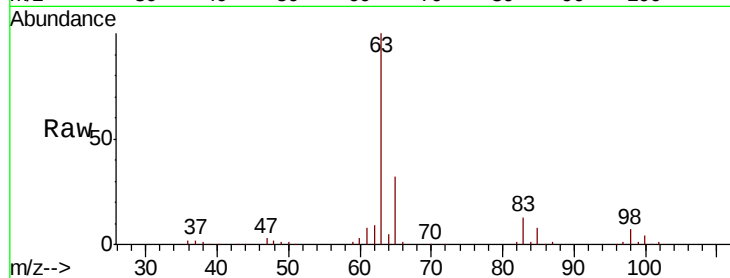
Tot Ion: 63 Resp: 210654

Ion Ratio Lower Upper

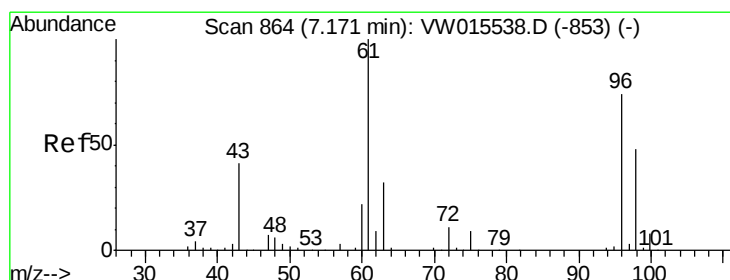
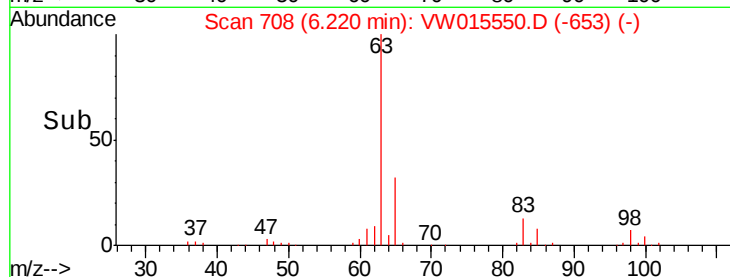
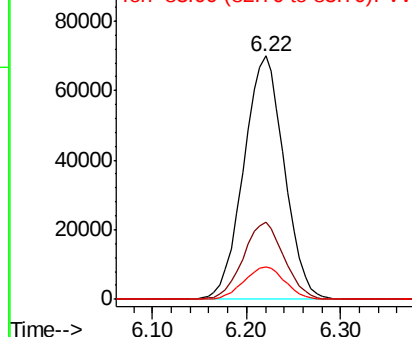
63 100

65 31.6 22.1 41.1

83 13.2 9.7 17.9



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 65.00 (64.70 to 65.70): VW
Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 56.104 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015550.D

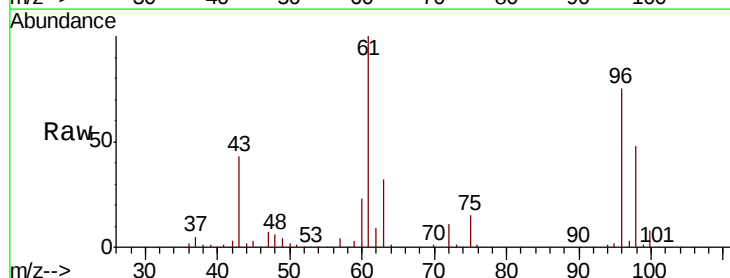
Acq: 08 Jun 2020 11:01

Tgt Ion: 43 Resp: 71794

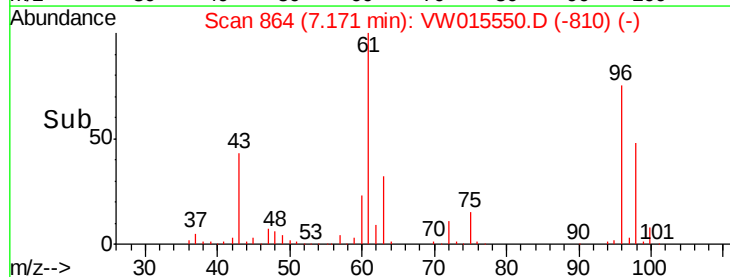
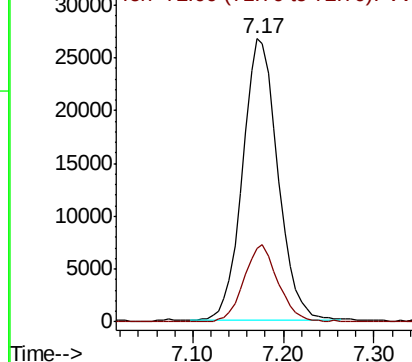
Ion Ratio Lower Upper

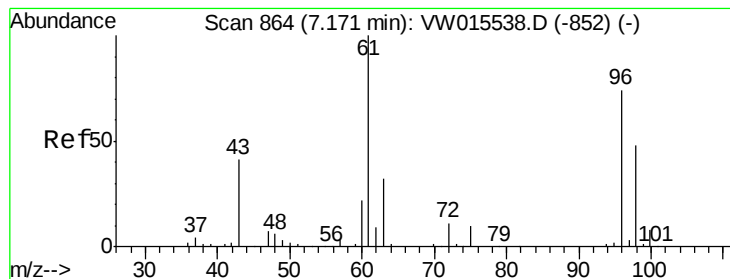
43 100

72 26.4 13.3 39.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



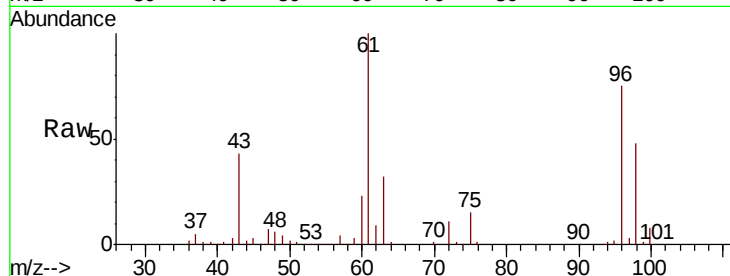


#22

cis-1,2-Dichloroethene
Concen: 25.281 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	93.7	173.9
98	63.8	45.1	83.9

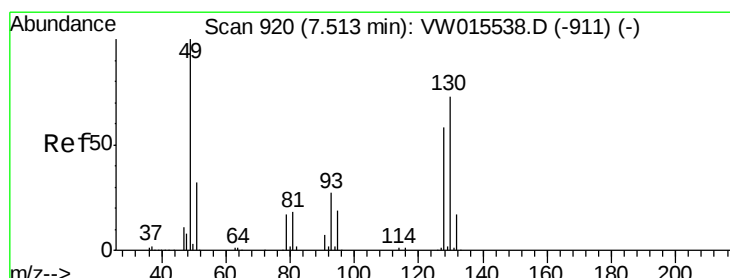
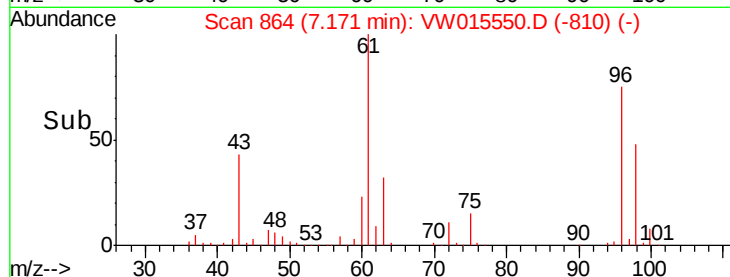
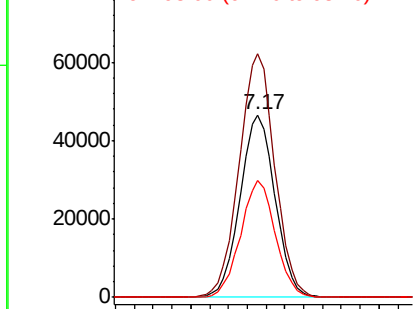


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
Concen: 25.617 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	166.4	118.1	219.3
130	127.4	88.5	164.3
51	50.7	42.8	64.2

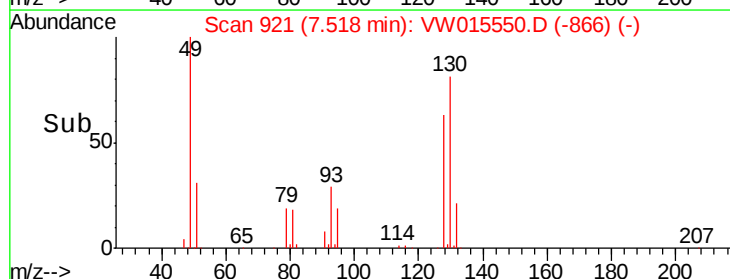
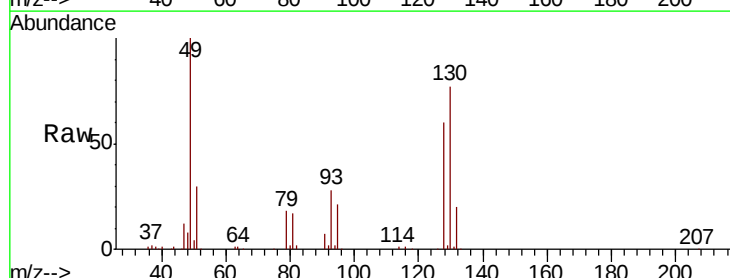
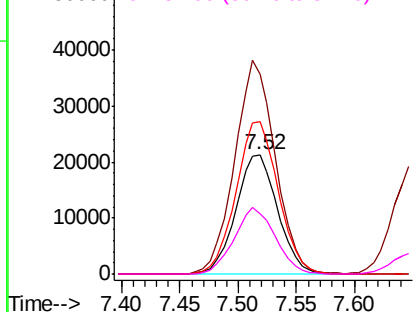
Abundance

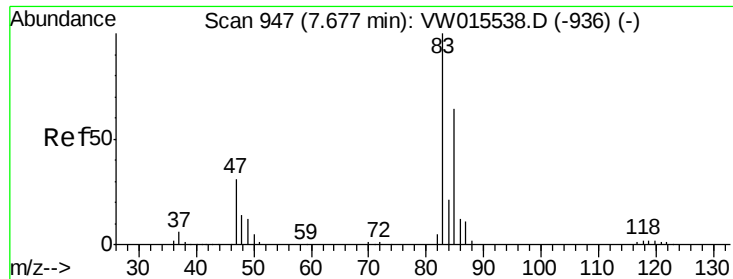
Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW

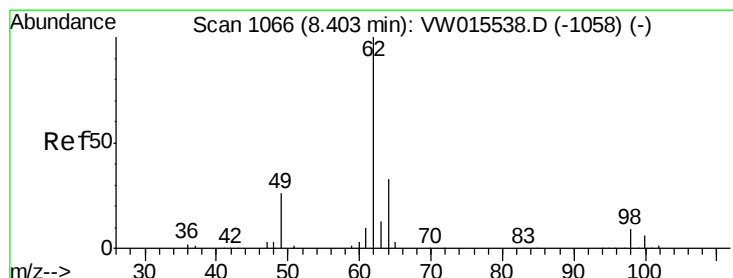
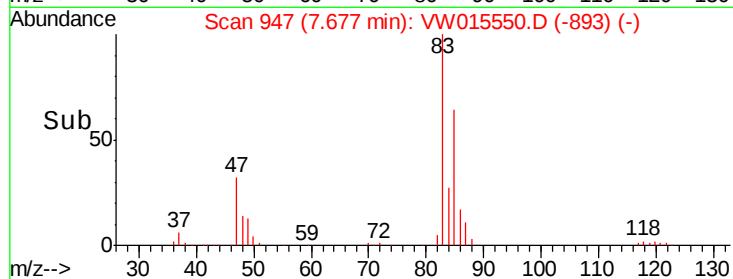
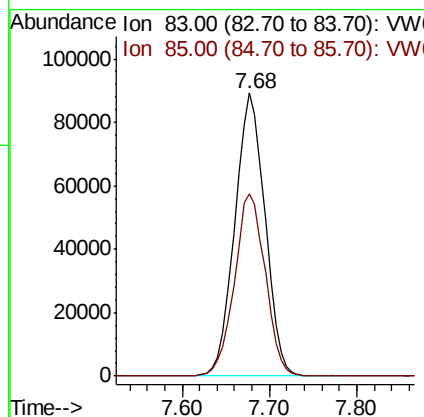
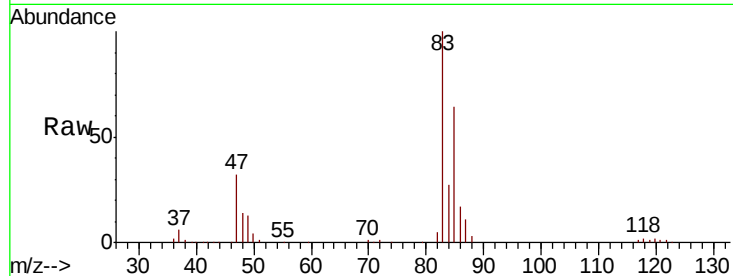




#25
Chloroform
Concen: 25.674 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

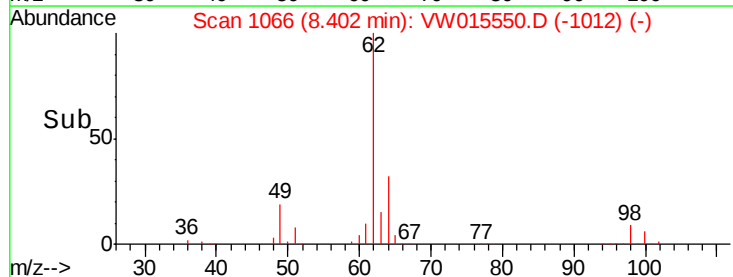
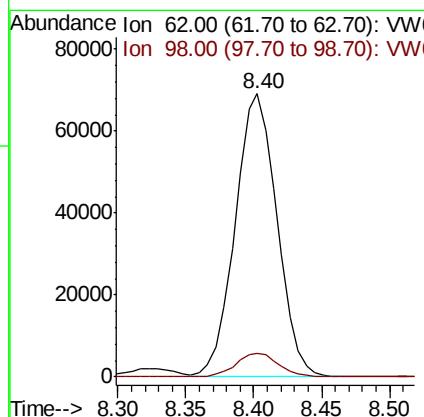
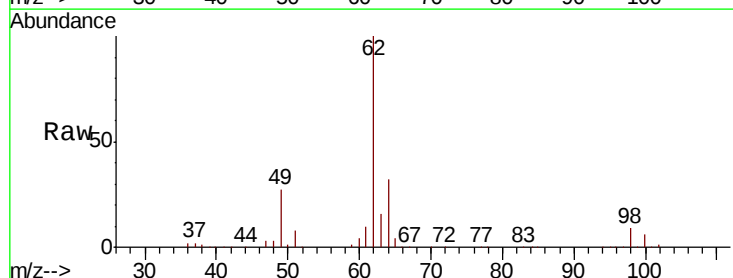
Instrument :
MSVOA_W
ClientSampleId :

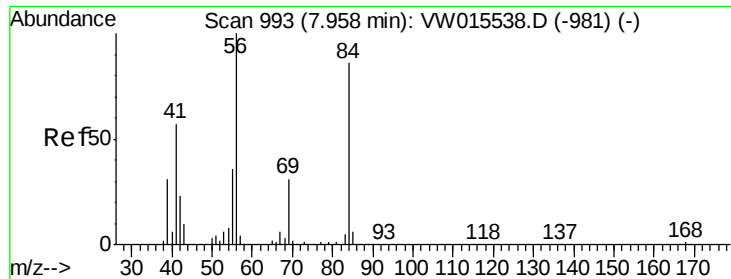
Tot Ion: 83 Resp: 213994
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 26.278 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion: 62 Resp: 148178
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.4

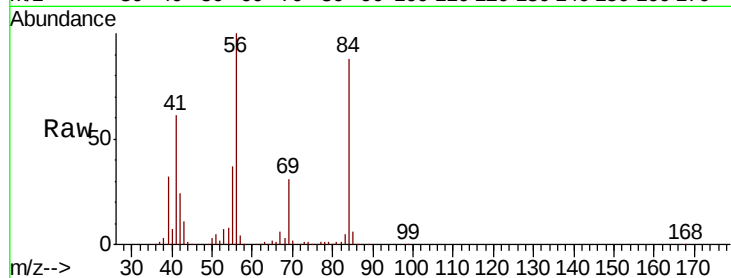




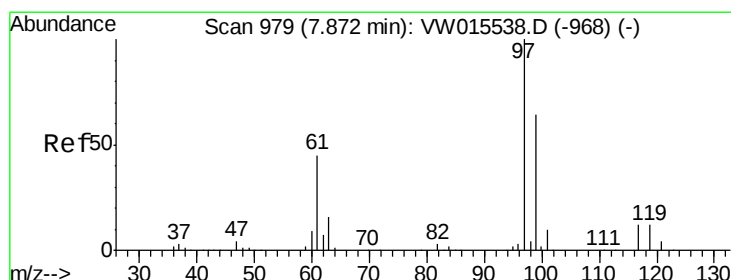
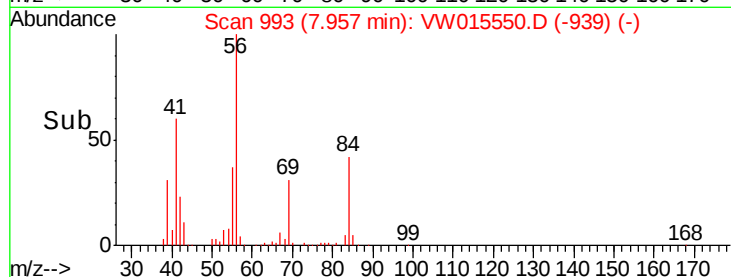
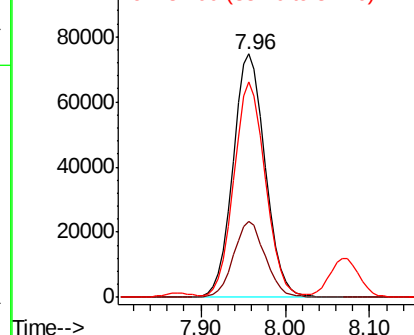
#30
Cyclohexane
Concen: 23.660 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 193064
Ion Ratio Lower Upper
56 100
69 30.7 24.6 37.0
84 87.3 69.6 104.4

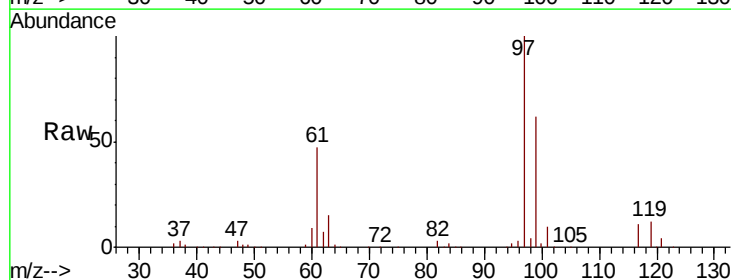


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

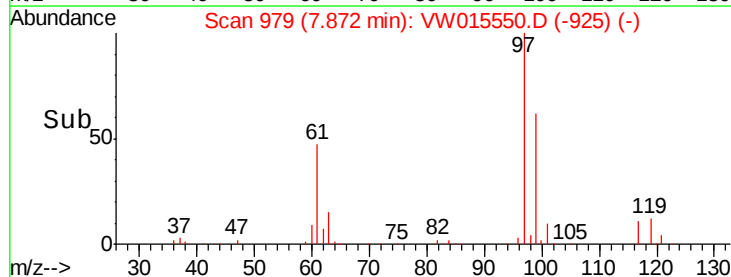
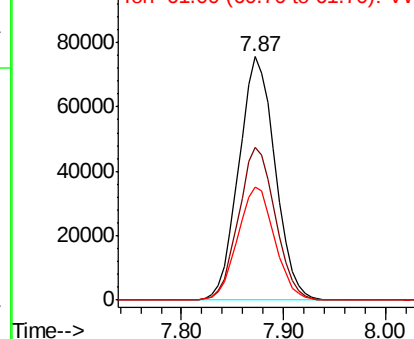


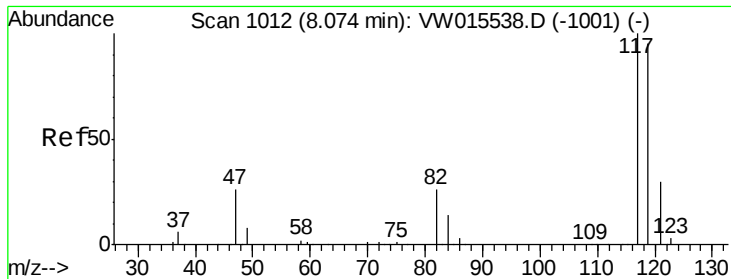
#31
1,1,1-Trichloroethane
Concen: 25.296 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion: 97 Resp: 186807
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 47.2 38.1 57.1



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: 24.870 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

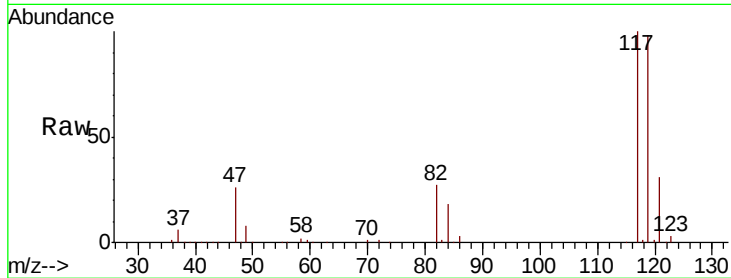
ClientSampleId :

Tot Ion:117 Resp: 168454

Ion Ratio Lower Upper

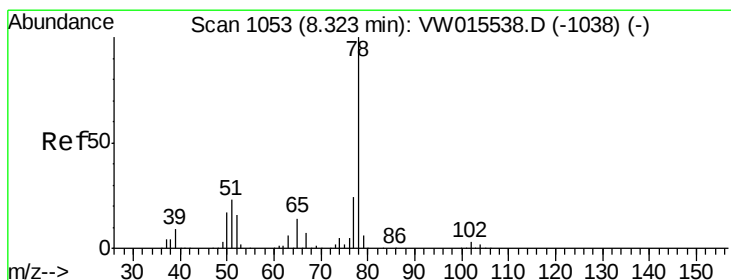
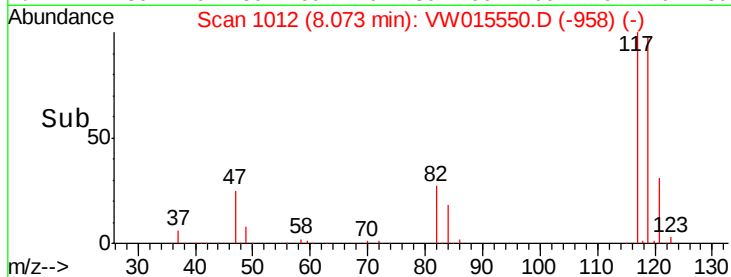
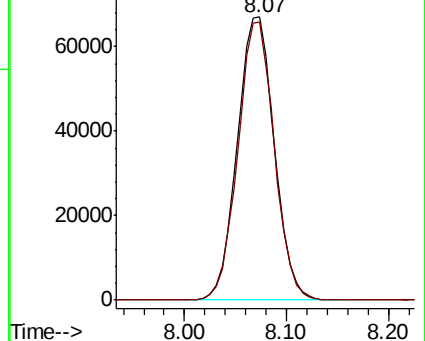
117 100

119 96.8 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.226 ug/L

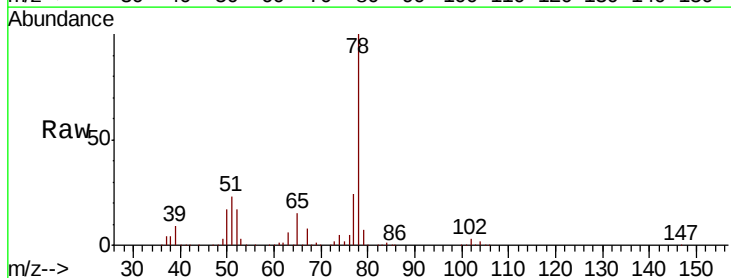
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

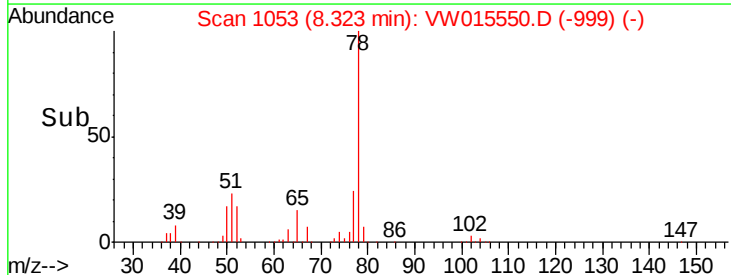
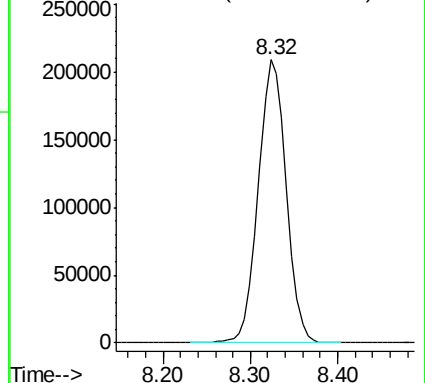
Lab File: VW015550.D

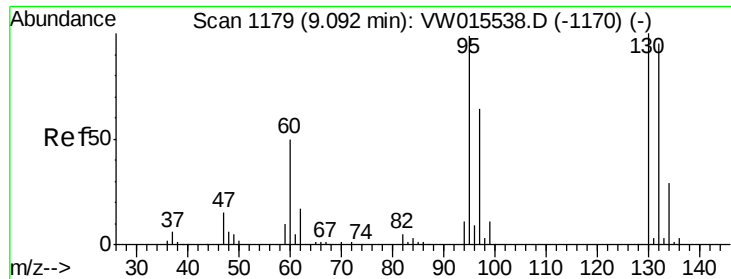
Acq: 08 Jun 2020 11:01

Tgt Ion: 78 Resp: 465684



Abundance Ion 78.00 (77.70 to 78.70): VW

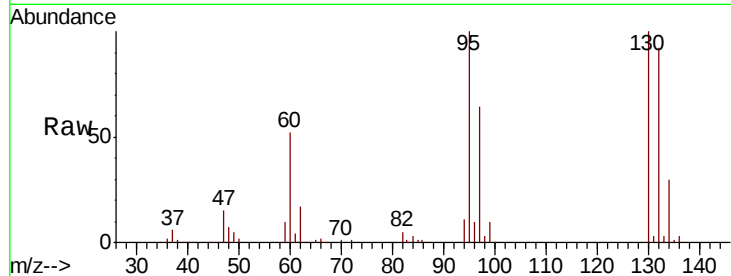




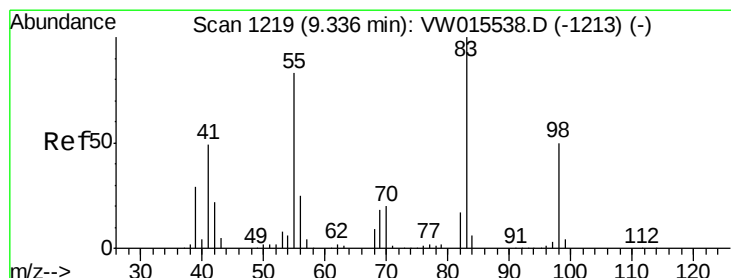
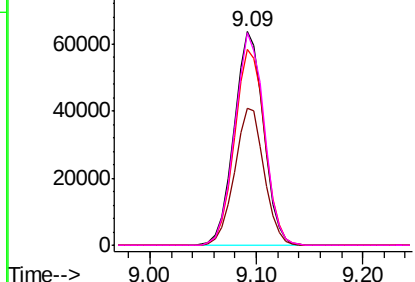
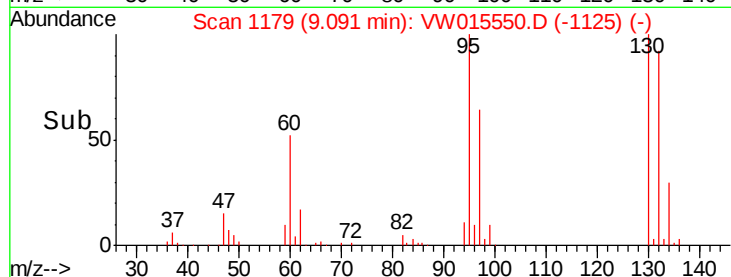
#35
 Trichloroethene
 Concen: 24.938 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	95	Resp:	123659
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.4	84.2
132	94.6	67.1	124.7
130	99.6	69.4	128.8

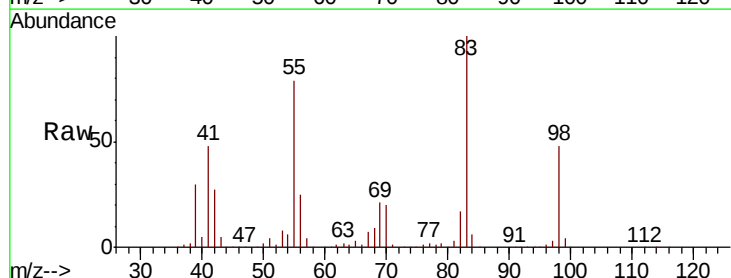


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

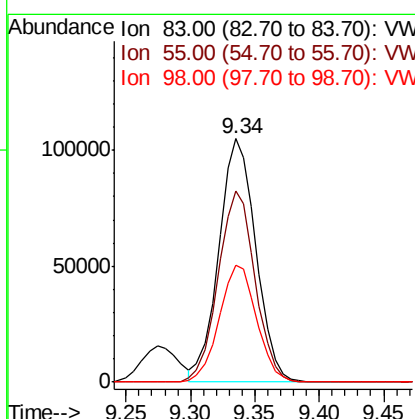
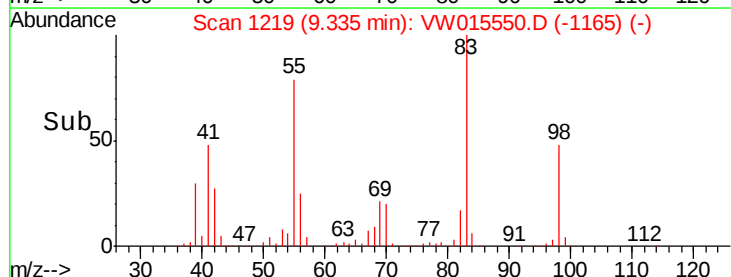


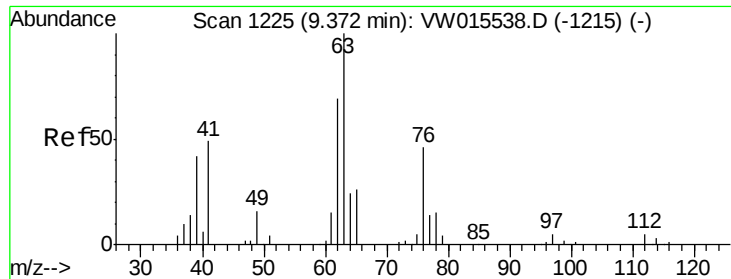
#36
 Methylcyclohexane
 Concen: 23.906 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

Tgt Ion:	83	Resp:	211421
Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.8	94.2
98	48.9	39.2	58.8



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

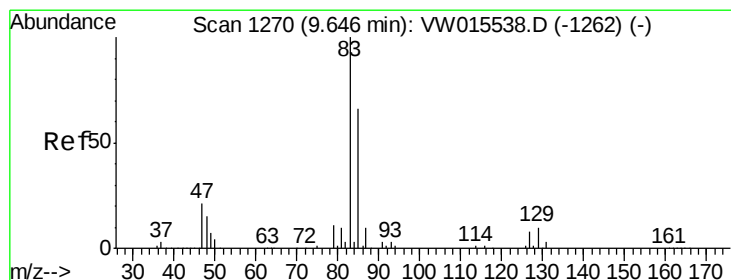
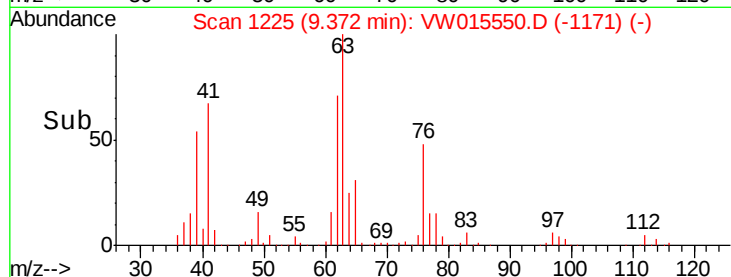
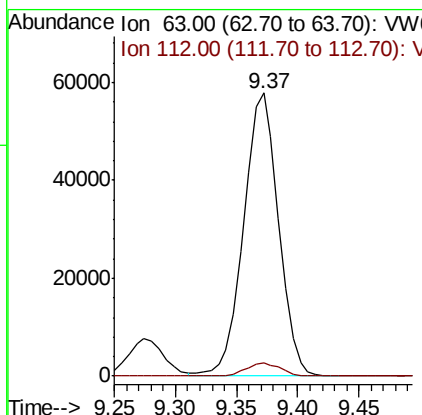
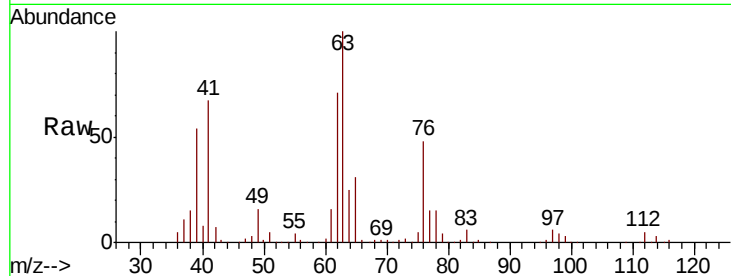




#40
 1,2-Dichloropropane
 Concen: 25.297 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

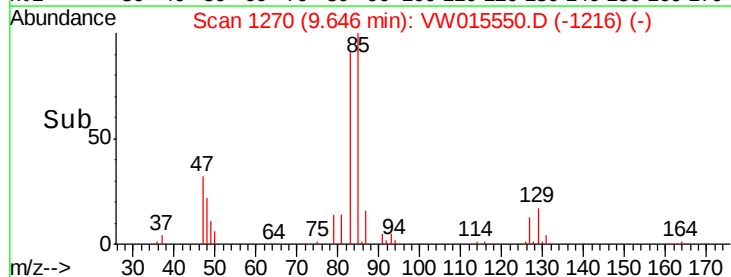
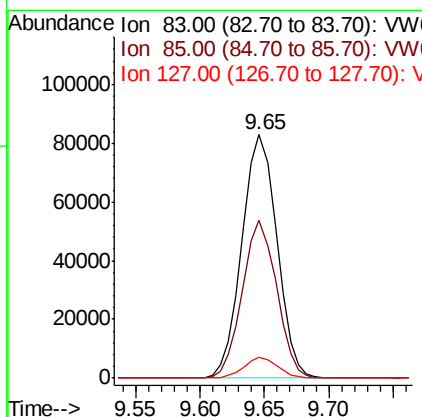
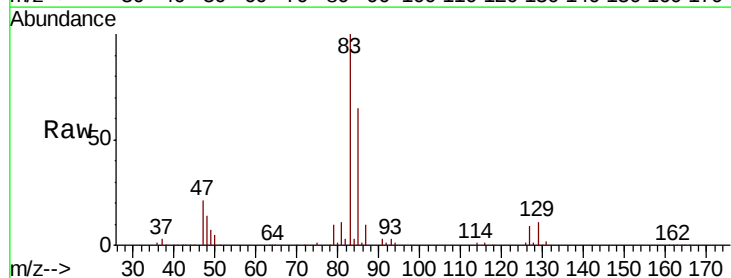
Instrument :
 MSVOA_W
 ClientSampleId :

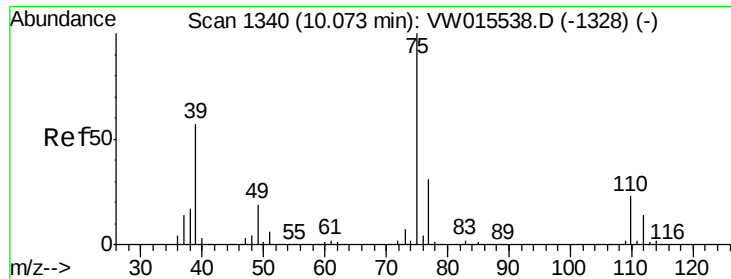
Tot Ion: 63 Resp: 115003
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.8 5.8



#41
 Bromodichloromethane
 Concen: 25.774 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

Tgt Ion: 83 Resp: 156533
 Ion Ratio Lower Upper
 83 100
 85 64.9 44.8 83.2
 127 8.5 7.0 10.6

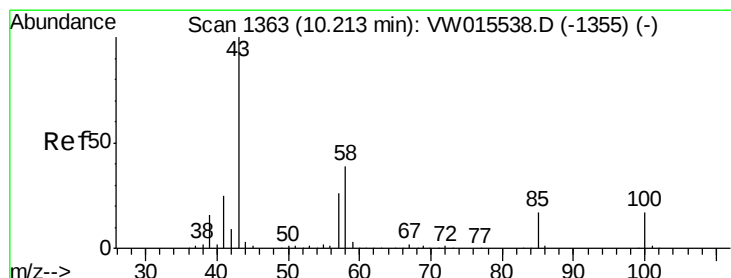
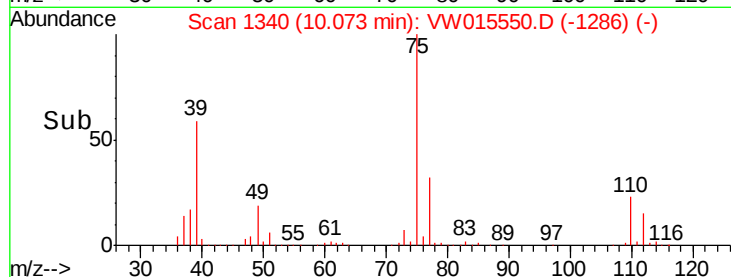
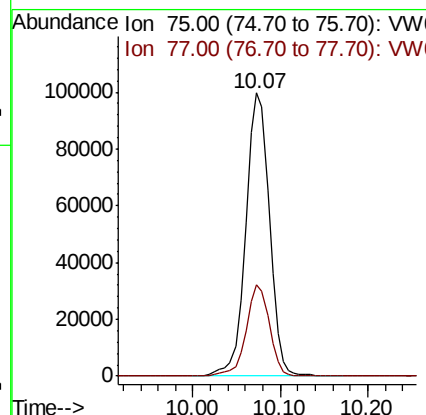
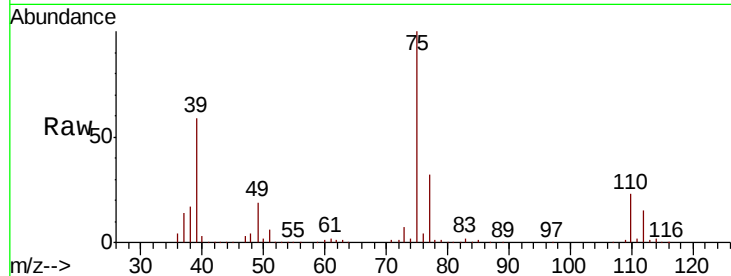




#42
 cis-1,3-Dichloropropene
 Concen: 25.745 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

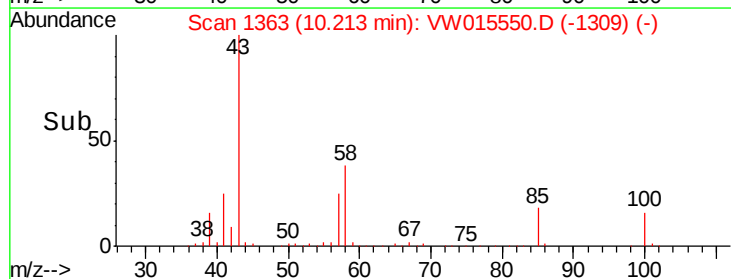
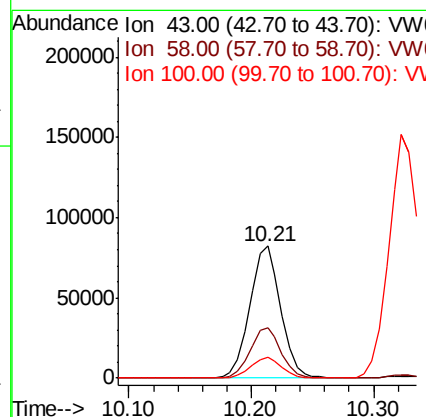
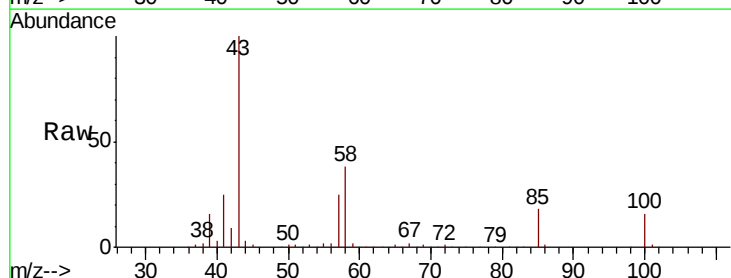
Instrument :
 MSVOA_W
 ClientSampled :

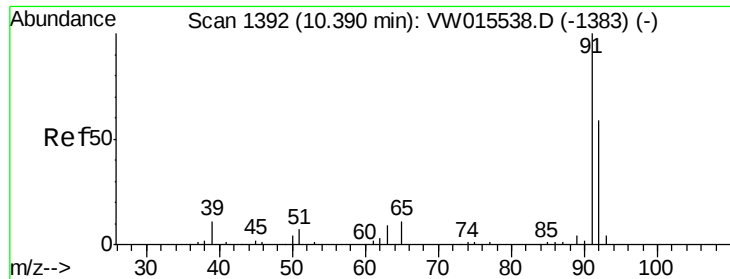
Tot Ion: 75 Resp: 187286
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.5



#43
 4-Methyl-2-pentanone
 Concen: 53.764 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

Tgt Ion: 43 Resp: 143272
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.6 46.0
 100 15.6 12.5 18.7





#44

Toluene

Concen: 25.367 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

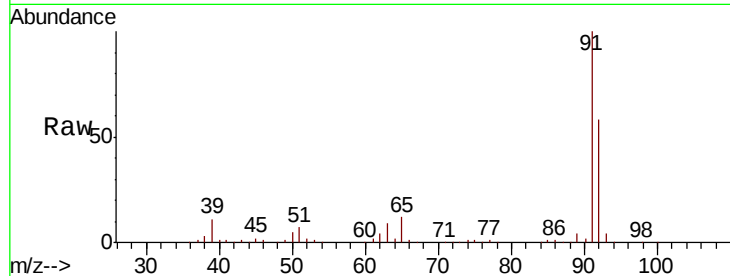
ClientSampleId :

Tot Ion: 91 Resp: 510179

Ion Ratio Lower Upper

91 100

92 58.5 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

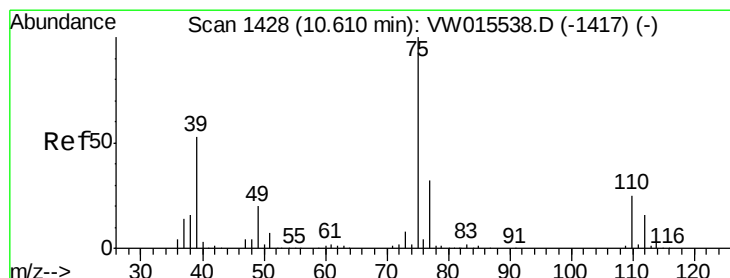
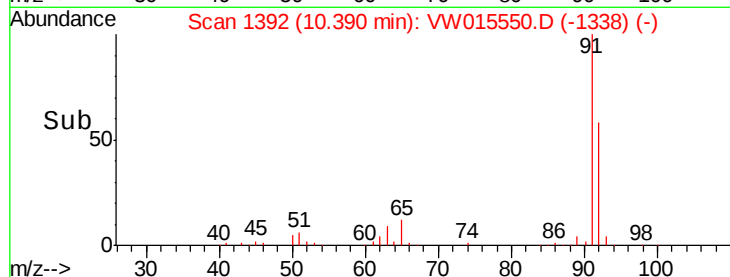
300000

200000

100000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 26.234 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015550.D

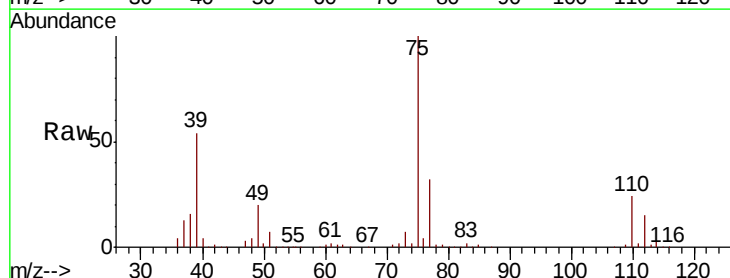
Acq: 08 Jun 2020 11:01

Tgt Ion: 75 Resp: 166085

Ion Ratio Lower Upper

75 100

77 32.0 21.5 39.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.61

100000

80000

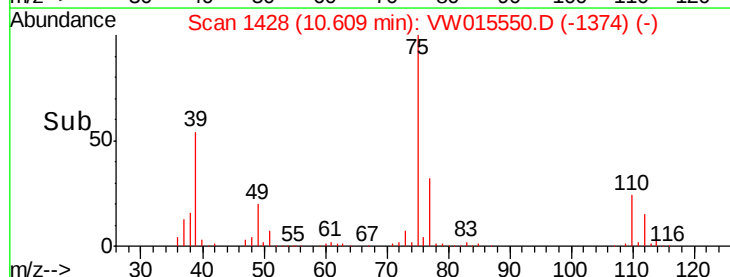
60000

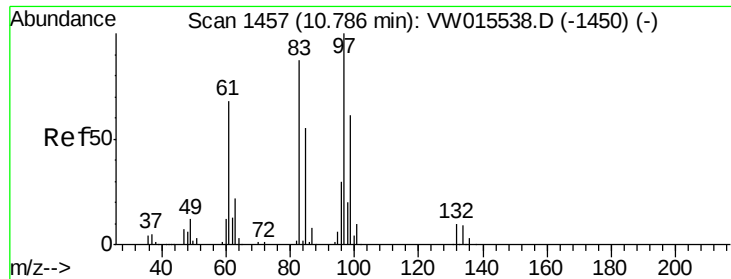
40000

20000

0

Time-->

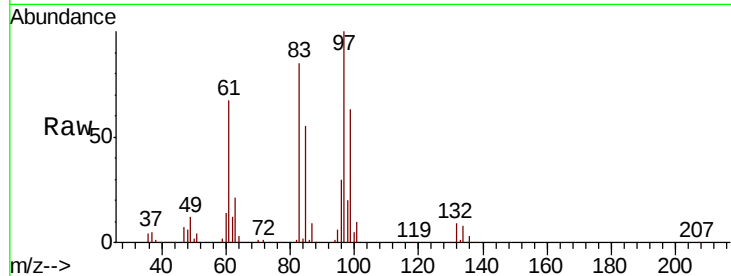




#46
1,1,2-Trichloroethane
Concen: 26.583 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	97	Resp:	84546
Ion	Ratio	Lower	Upper
97	100		
83	85.0	58.2	108.2
85	54.8	37.4	69.4
99	63.3	43.7	81.1



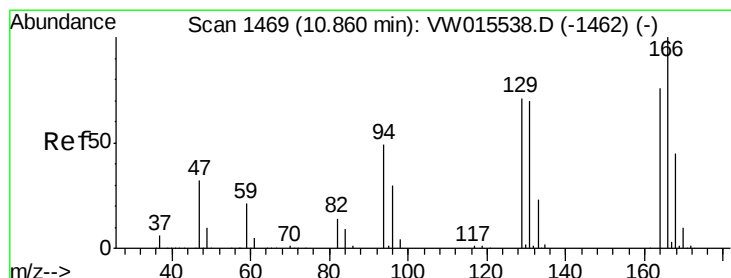
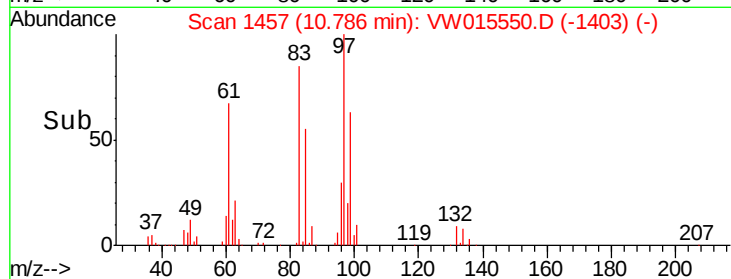
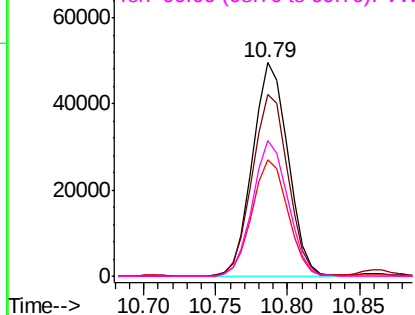
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

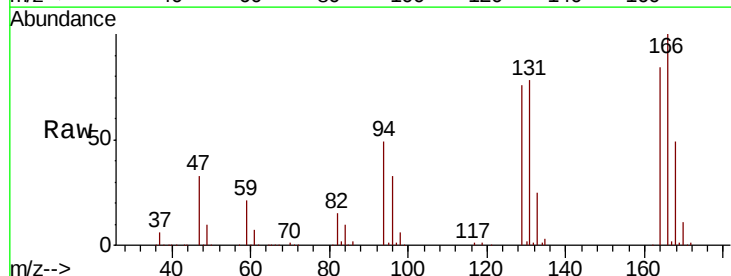
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
Tetrachloroethene
Concen: 25.133 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion:	164	Resp:	98792
Ion	Ratio	Lower	Upper
164	100		
129	90.2	66.3	123.1
131	92.4	65.1	120.9
166	119.2	90.8	168.6



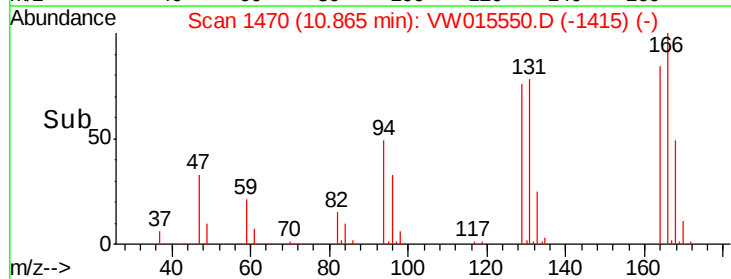
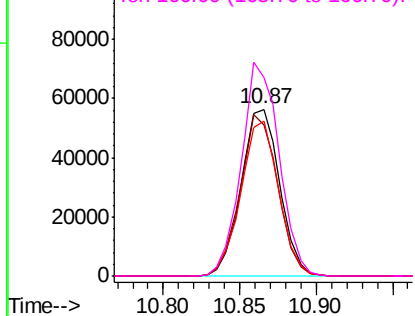
Abundance

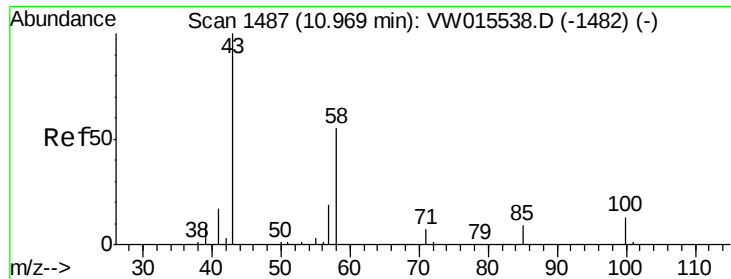
Ion 164.00 (163.70 to 164.70): V

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: 57.845 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 104046

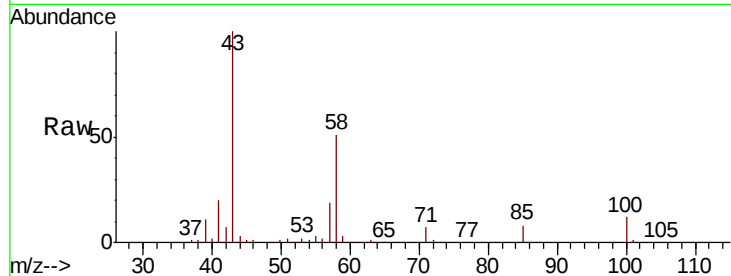
Ion Ratio Lower Upper

43 100

58 52.0 42.6 64.0

57 18.9 15.5 23.3

100 12.2 10.3 15.5

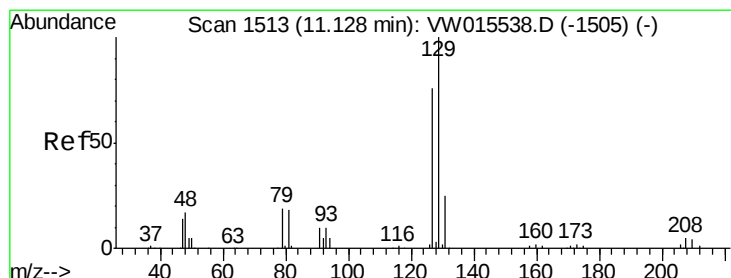
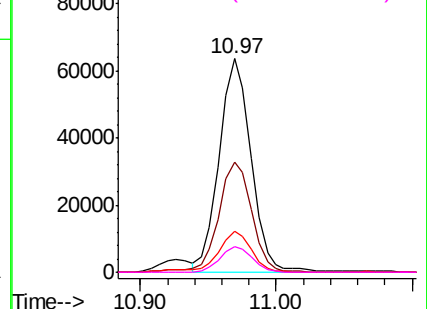
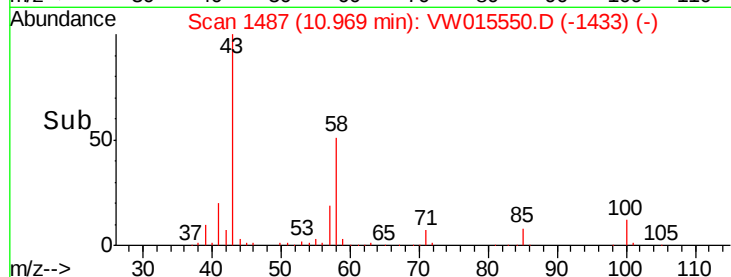


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 27.262 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015550.D

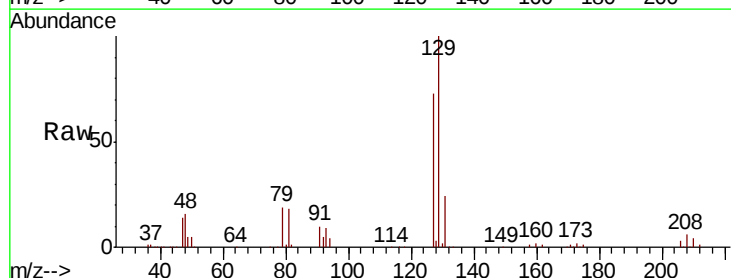
Acq: 08 Jun 2020 11:01

Tgt Ion: 129 Resp: 105341

Ion Ratio Lower Upper

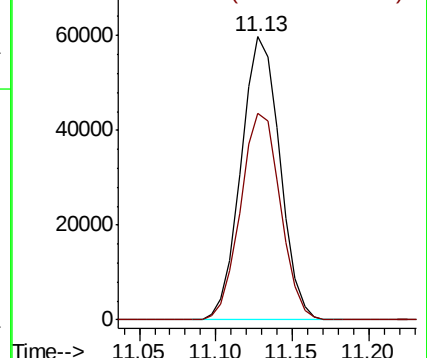
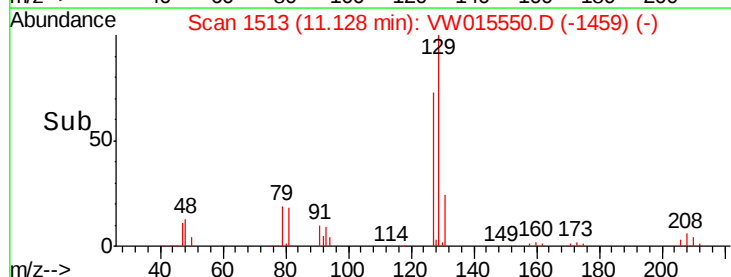
129 100

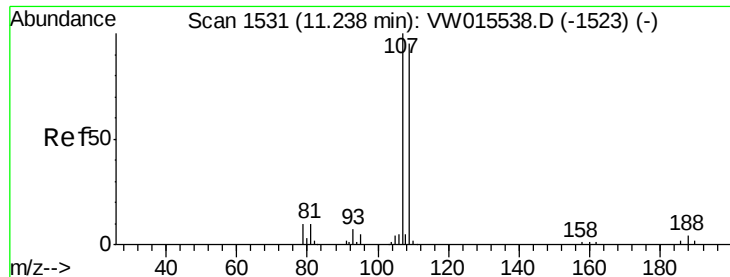
127 73.2 53.0 98.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

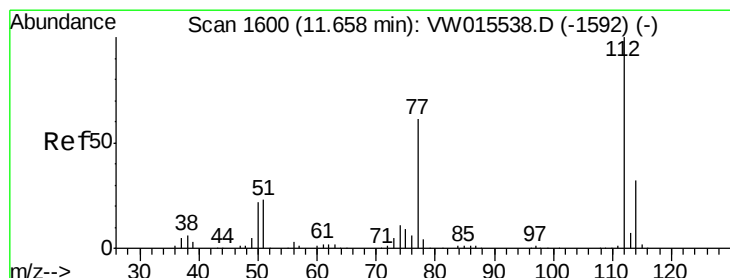
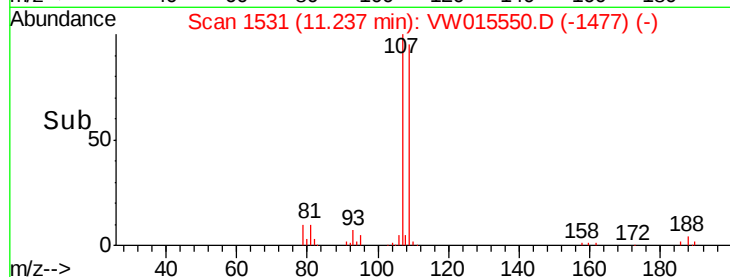
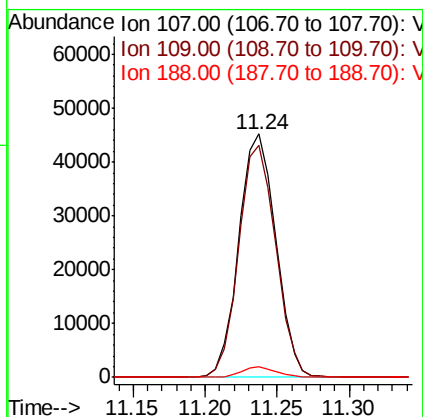
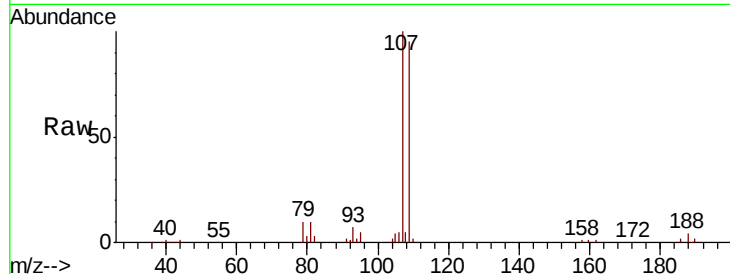




#51
1,2-Dibromoethane
Concen: 26.415 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

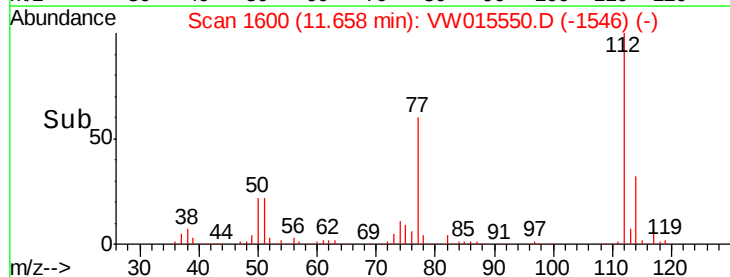
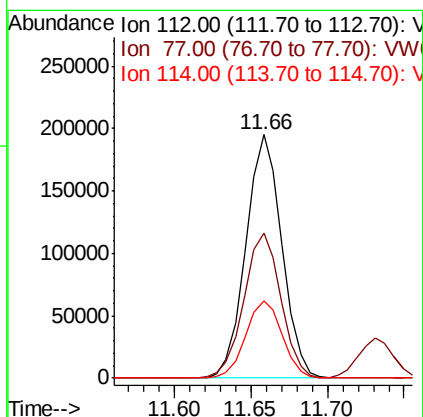
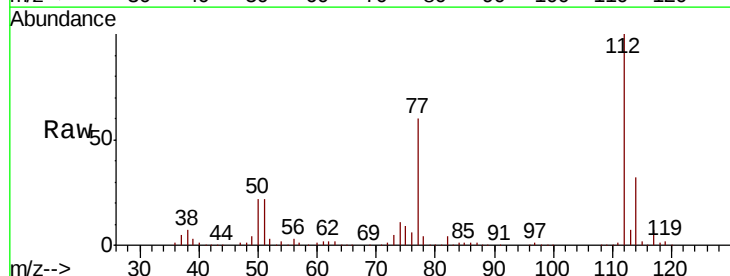
Instrument :
MSVOA_W
ClientSampleId :

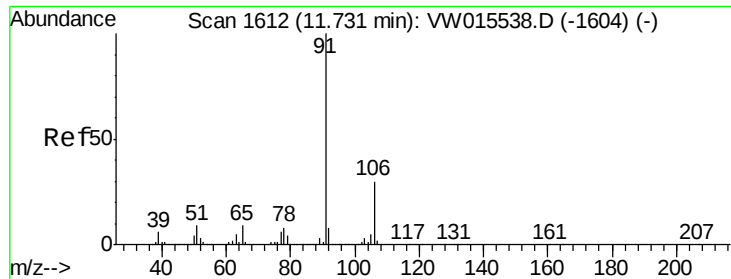
Tot Ion:107 Resp: 80654
Ion Ratio Lower Upper
107 100
109 95.3 64.6 120.0
188 4.2 2.8 4.2



#52
Chlorobenzene
Concen: 25.244 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion:112 Resp: 318458
Ion Ratio Lower Upper
112 100
77 59.5 49.7 74.5
114 31.9 21.8 40.6

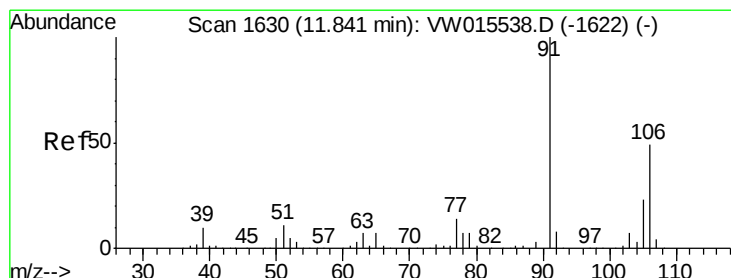
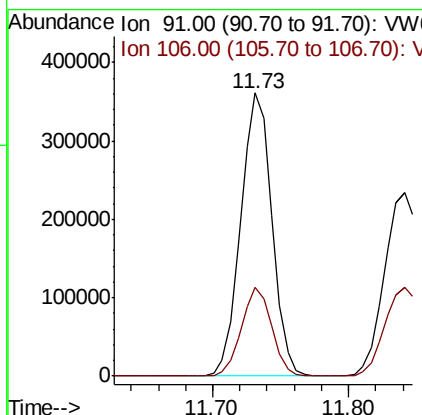
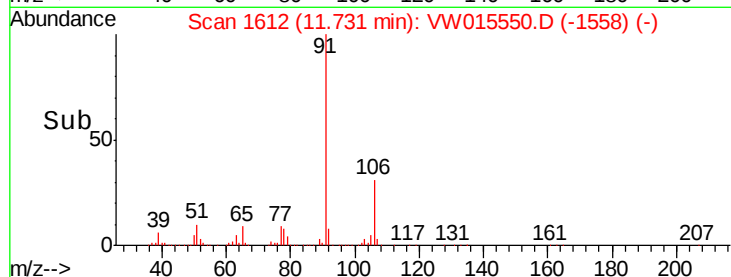
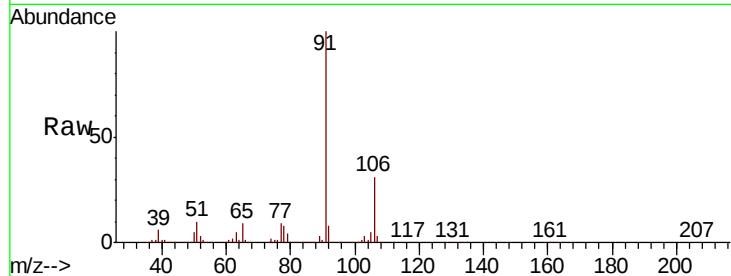




#53
Ethylbenzene
Concen: 25.068 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

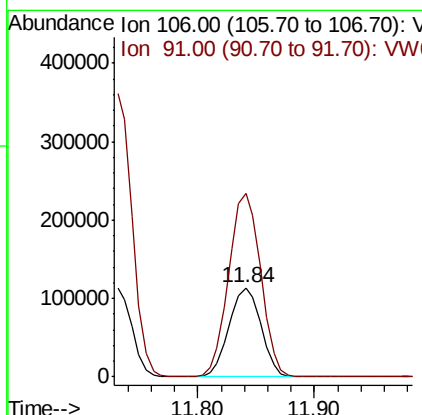
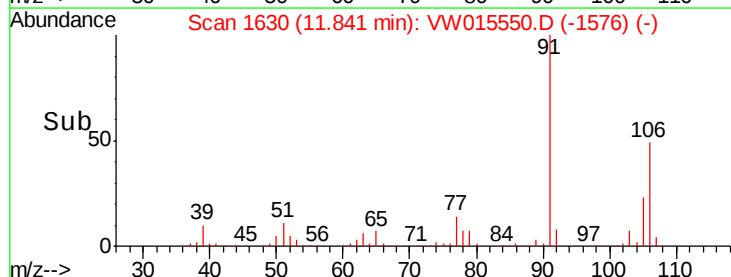
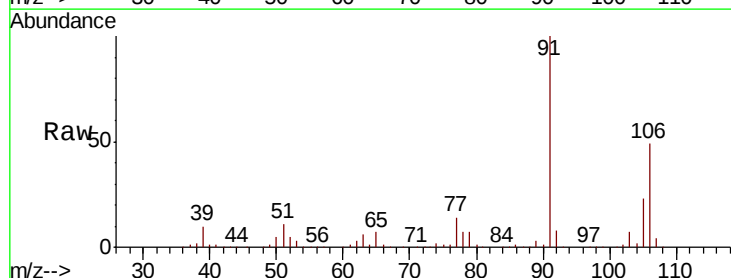
Instrument :
MSVOA_W
ClientSampled :

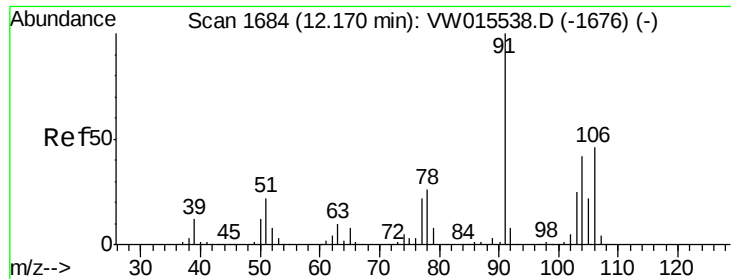
Tot Ion: 91 Resp: 578921
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.6



#54
m,p-Xylene
Concen: 25.241 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion: 106 Resp: 218736
Ion Ratio Lower Upper
106 100
91 205.5 142.6 264.8

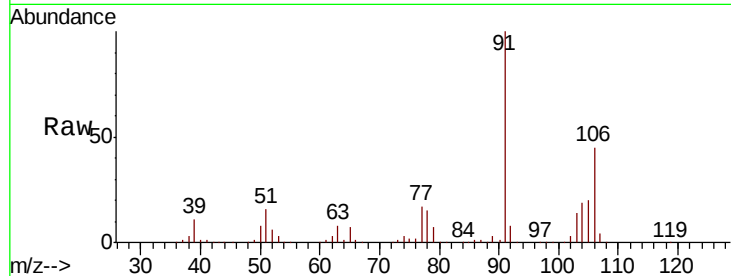




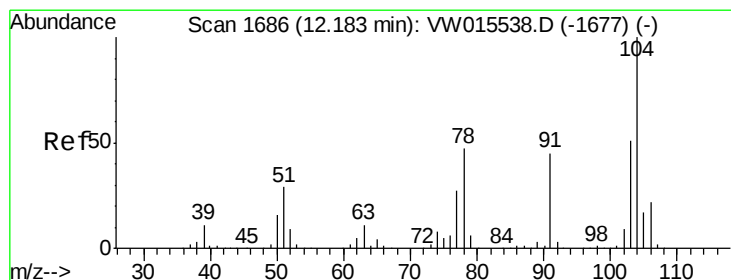
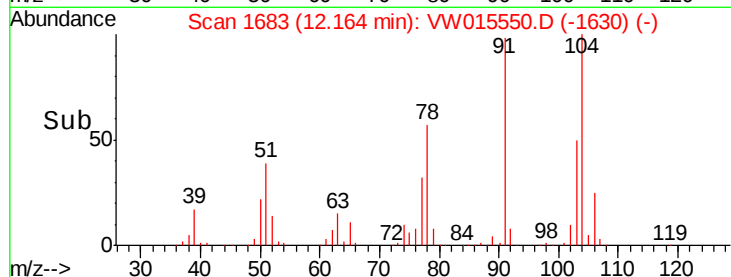
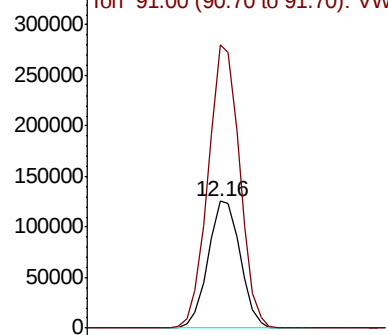
#55
o-xylene
Concen: 25.281 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 207955
Ion Ratio Lower Upper
106 100
91 223.1 149.0 276.6

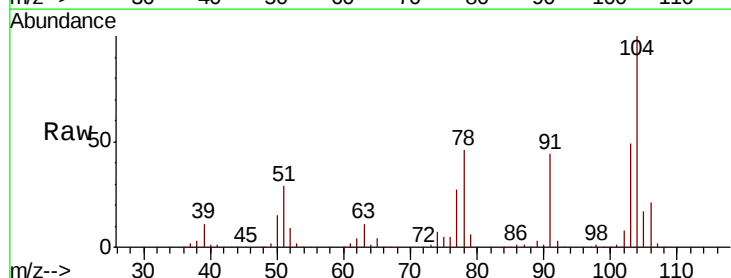


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

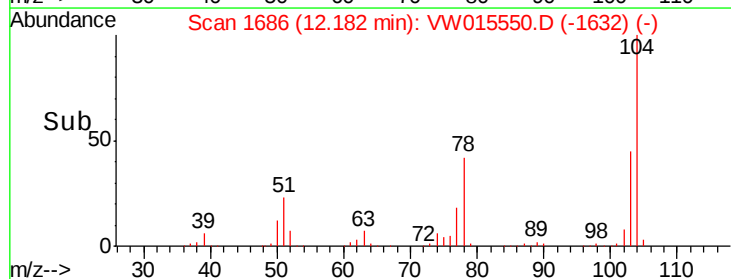
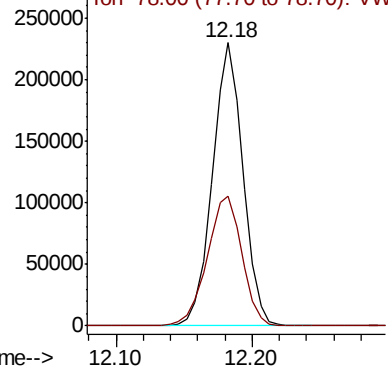


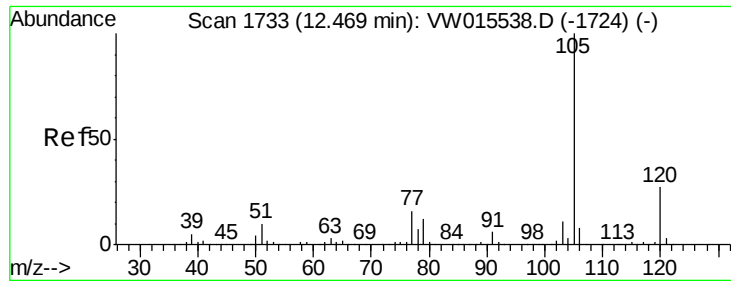
#56
Styrene
Concen: 25.499 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion:104 Resp: 358391
Ion Ratio Lower Upper
104 100
78 45.9 32.9 61.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 25.086 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

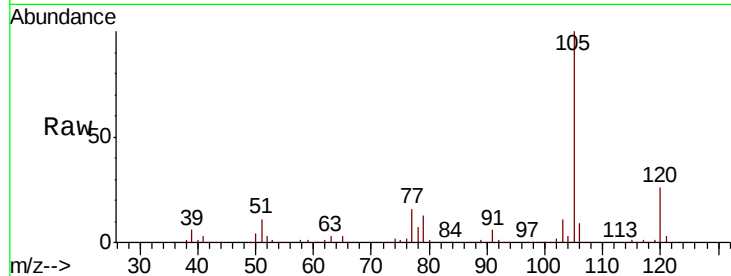
Tot Ion:105 Resp: 574824

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

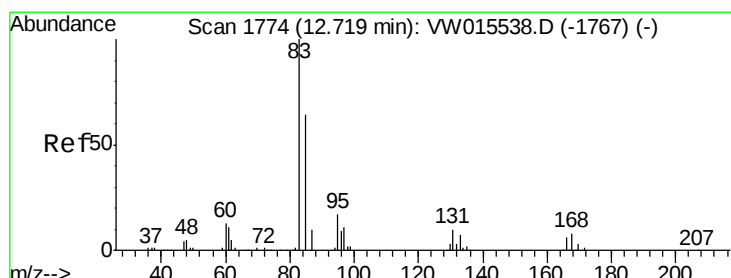
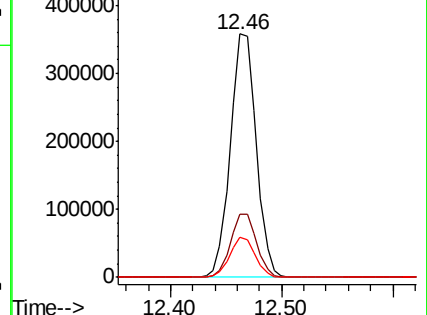
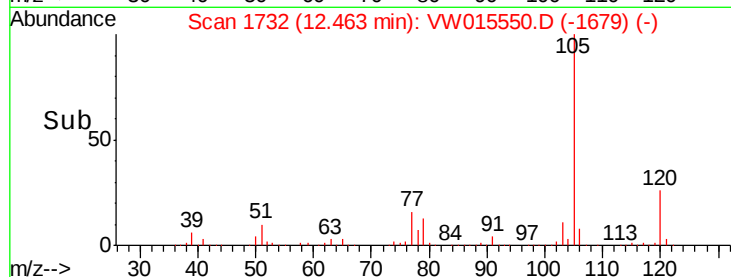
77 16.3 13.0 19.6



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: 27.586 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

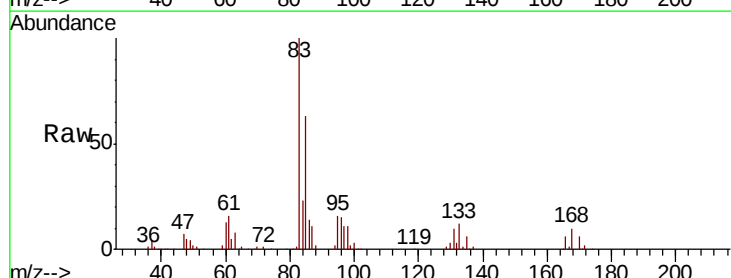
Tgt Ion: 83 Resp: 101574

Ion Ratio Lower Upper

83 100

85 62.9 44.7 82.9

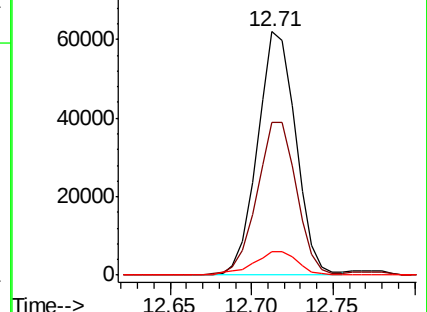
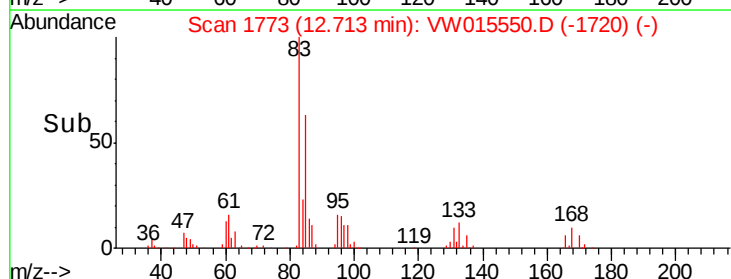
131 9.7 9.1 13.7

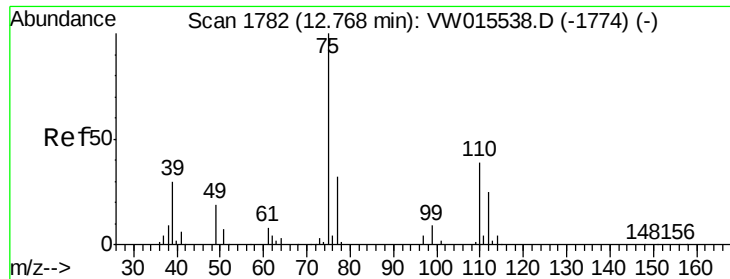


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 27.581 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

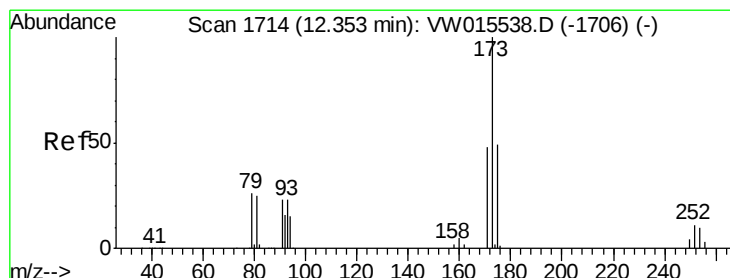
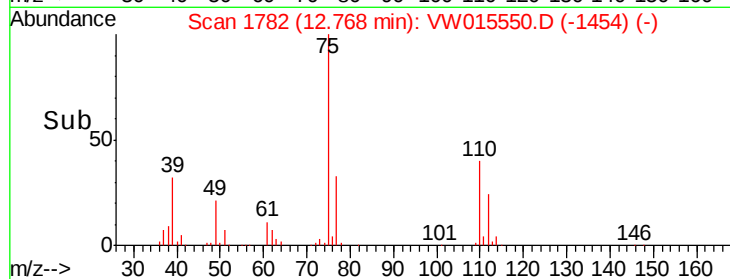
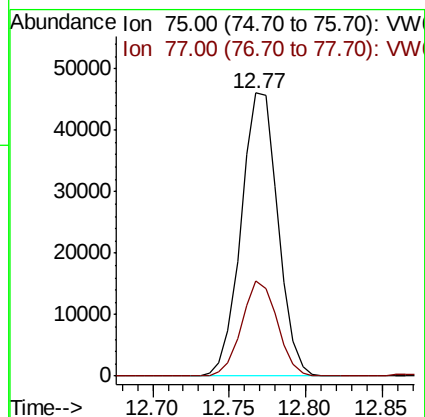
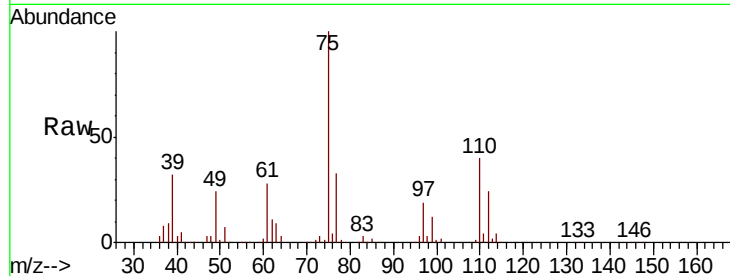
ClientSampled :

Tot Ion: 75 Resp: 77003

Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9



#62

Bromoform

Concen: 26.475 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

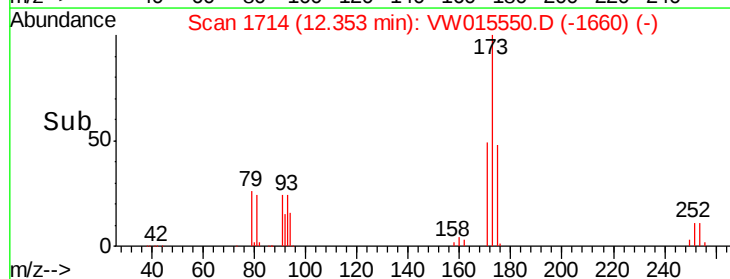
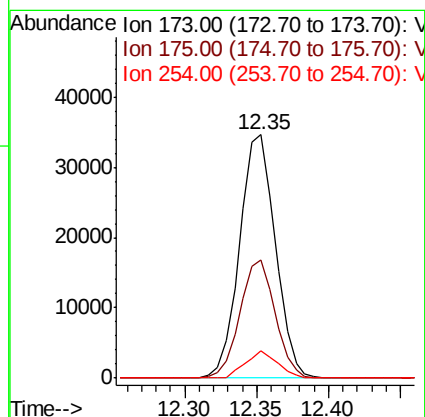
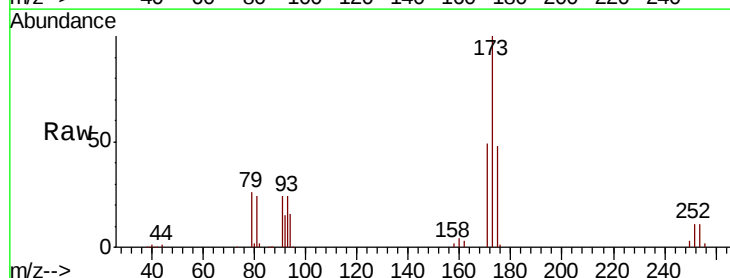
Tgt Ion: 173 Resp: 59651

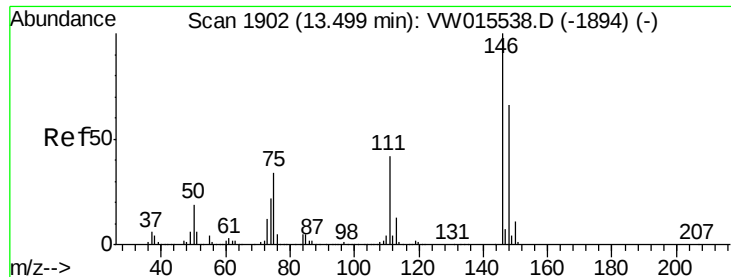
Ion Ratio Lower Upper

173 100

175 47.5 37.9 56.9

254 9.9 6.8 10.2

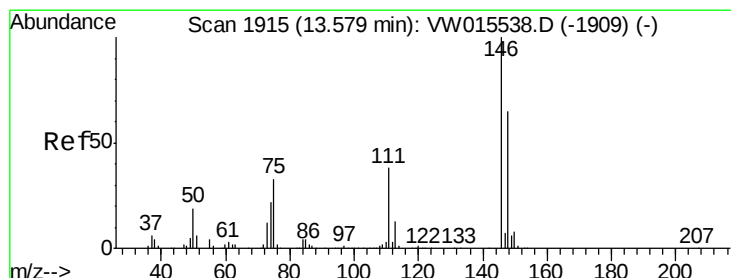
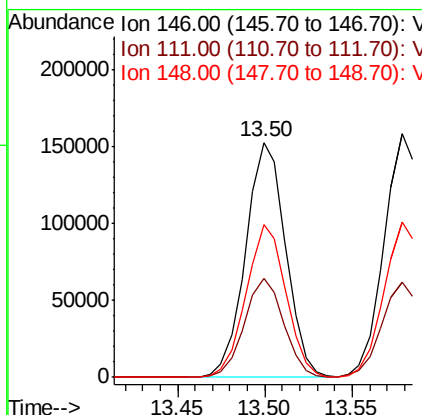
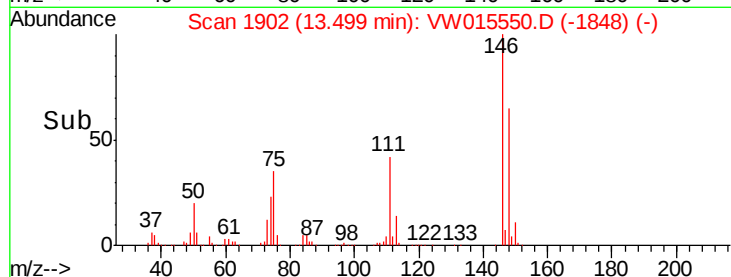
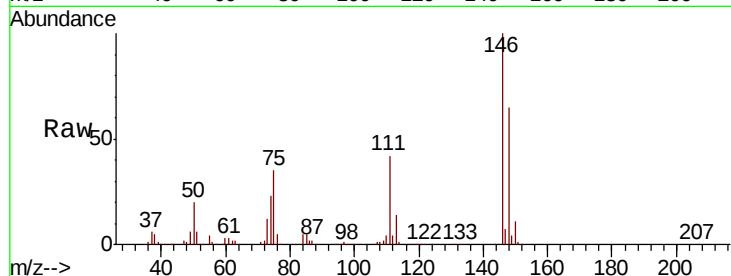




#63
 1,3-Dichlorobenzene
 Concen: 24.476 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

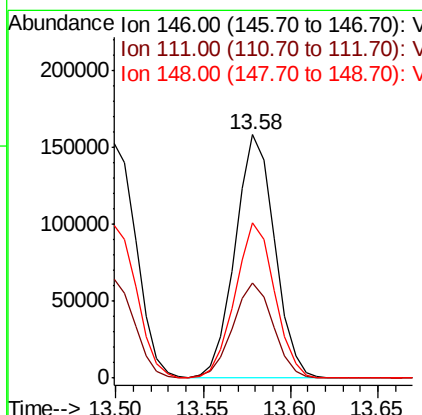
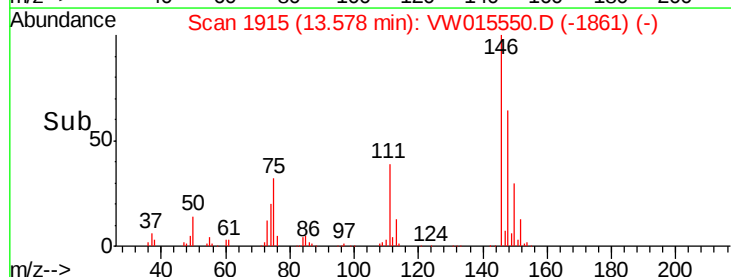
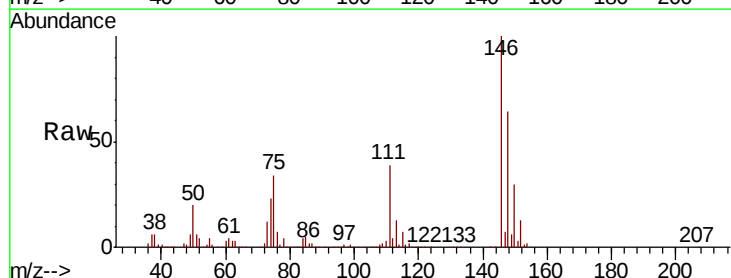
Instrument :
 MSVOA_W
 ClientSampleId :

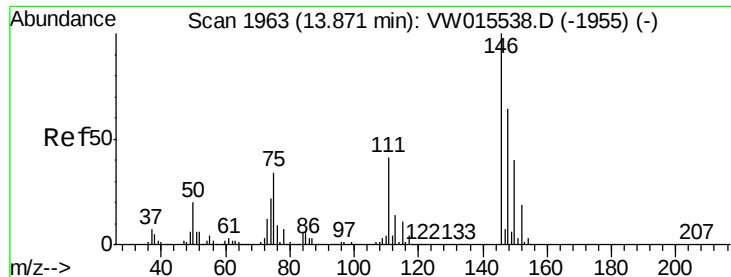
Tot Ion:146 Resp: 242192
 Ion Ratio Lower Upper
 146 100
 111 41.9 29.3 54.5
 148 65.2 42.5 78.9



#64
 1,4-Dichlorobenzene
 Concen: 25.585 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

Tgt Ion:146 Resp: 248059
 Ion Ratio Lower Upper
 146 100
 111 39.1 28.1 52.1
 148 63.8 43.3 80.3





#65

1,2-Dichlorobenzene

Concen: 25.959 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015550.D

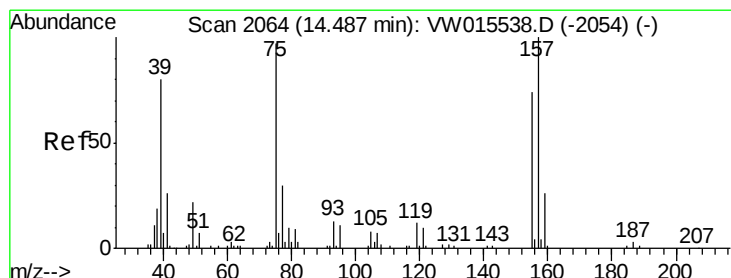
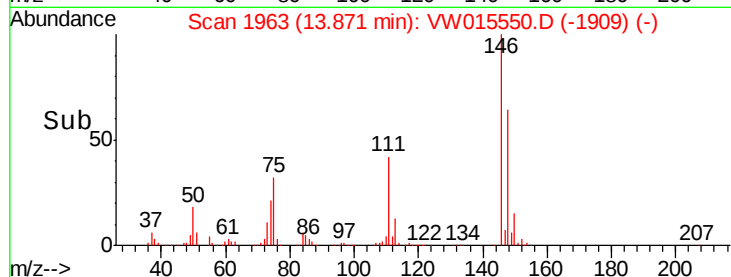
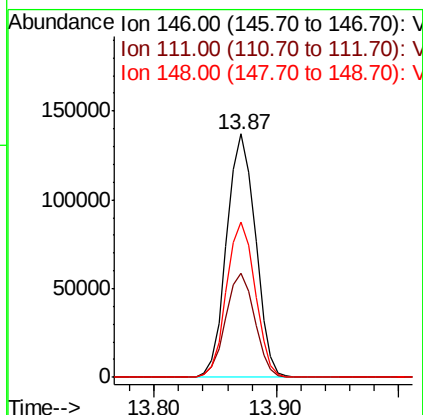
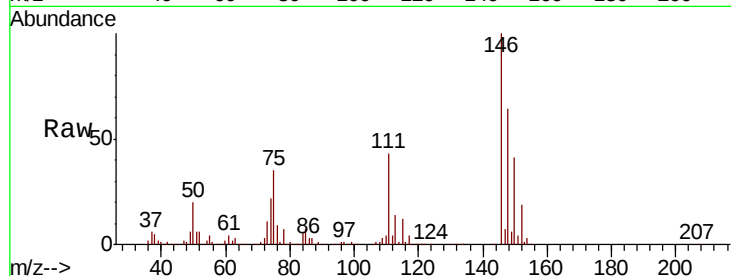
Acq: 08 Jun 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	223221
Ion	Ratio	Lower	Upper
146	100		
111	42.7	34.9	52.3
148	64.0	51.8	77.8



#66

1,2-Dibromo-3-chloropropane

Concen: 27.283 ug/L

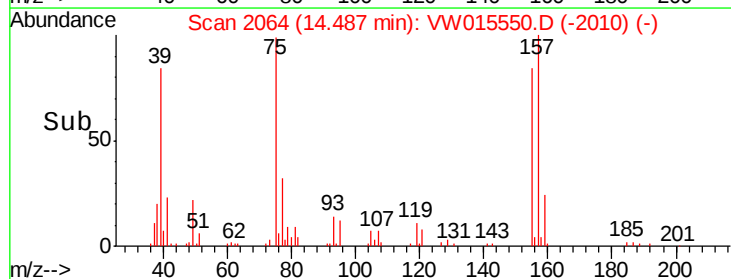
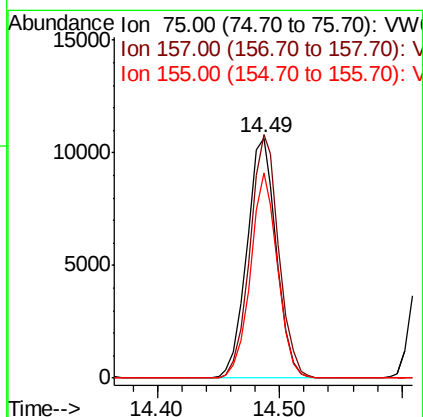
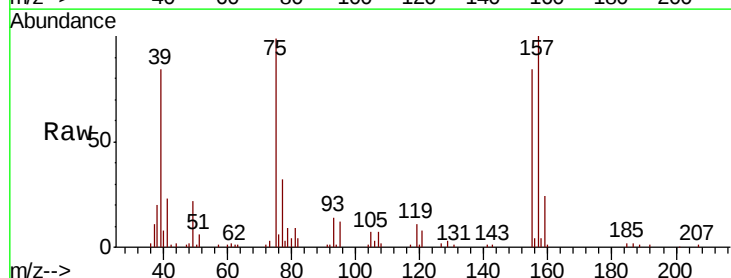
RT: 14.49 min Scan# 2064

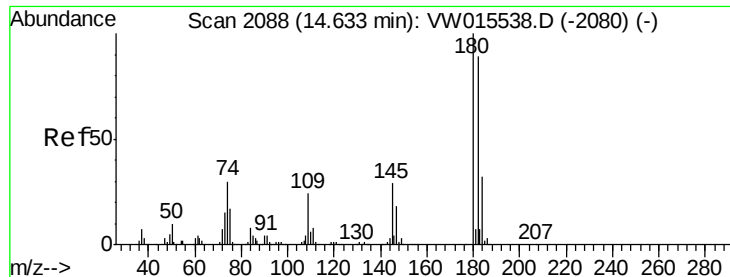
Delta R.T. -0.00 min

Lab File: VW015550.D

Acq: 08 Jun 2020 11:01

Tgt Ion:	75	Resp:	17797
Ion	Ratio	Lower	Upper
75	100		
157	101.4	87.4	131.0
155	85.7	64.6	96.8

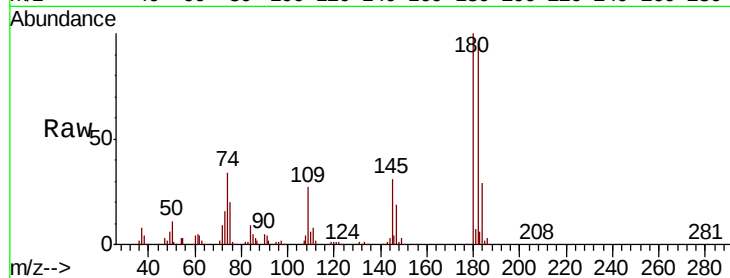




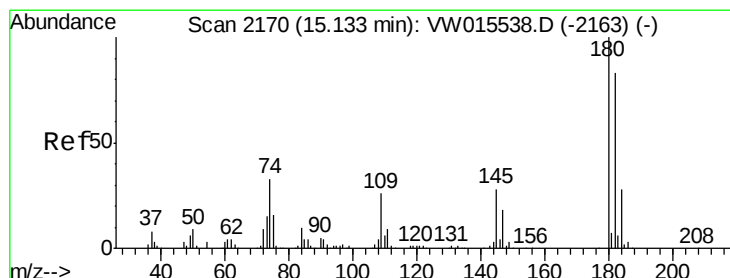
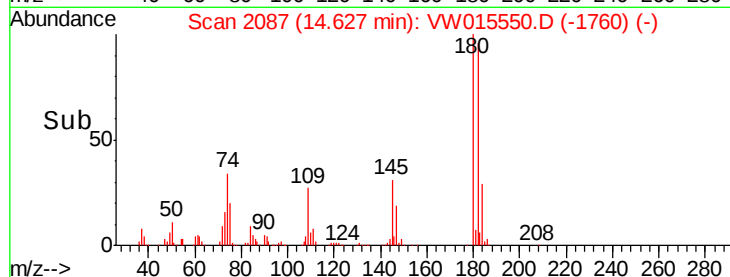
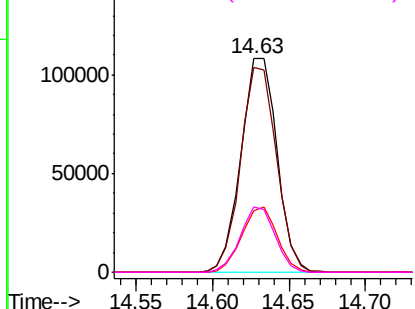
#67
 1,3,5-Trichlorobenzene
 Concen: 25.952 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 177785
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 114.8
 184 29.8 24.4 36.6
 145 29.7 24.0 36.0

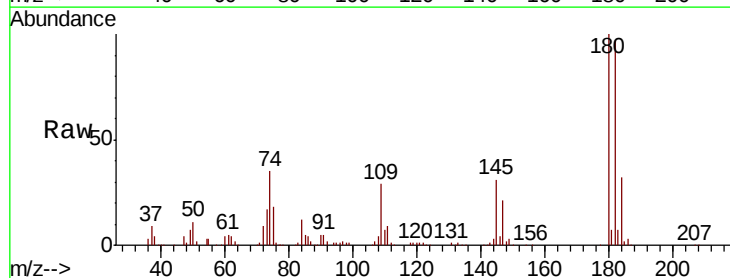


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

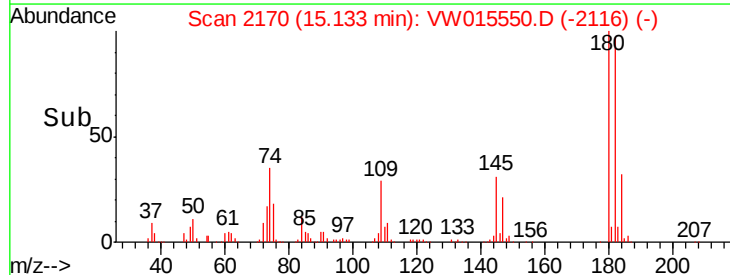
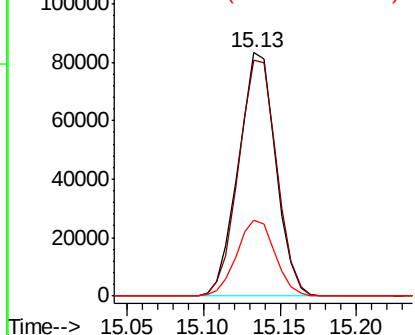


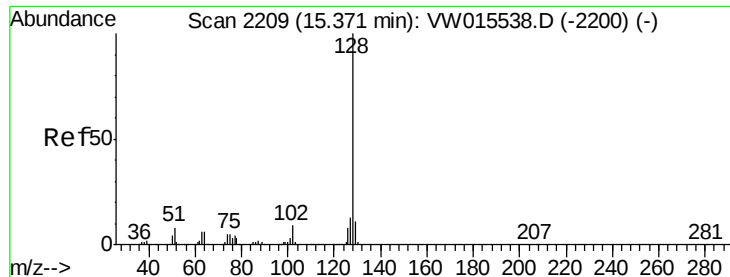
#68
 1,2,4-trichlorobenzene
 Concen: 25.573 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015550.D
 Acq: 08 Jun 2020 11:01

Tgt Ion:180 Resp: 141103
 Ion Ratio Lower Upper
 180 100
 182 99.1 76.1 114.1
 145 31.9 25.2 37.8



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

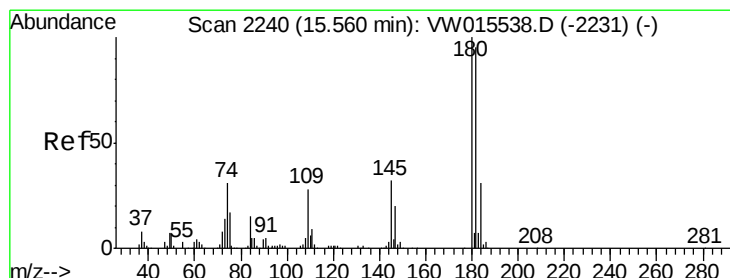
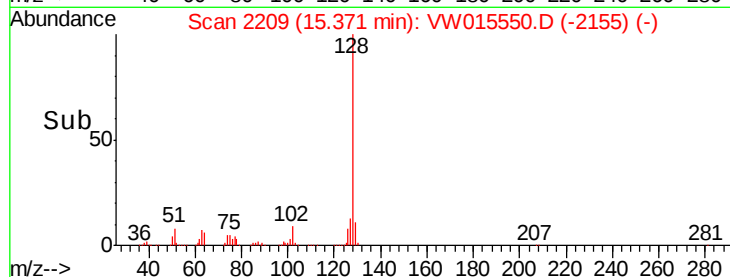
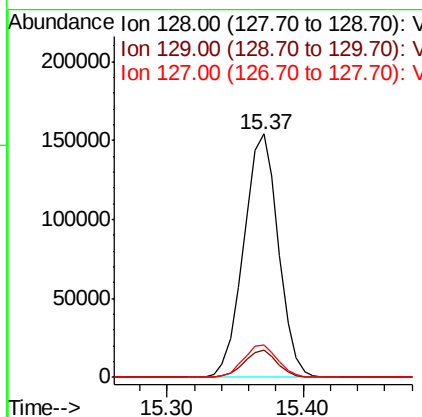
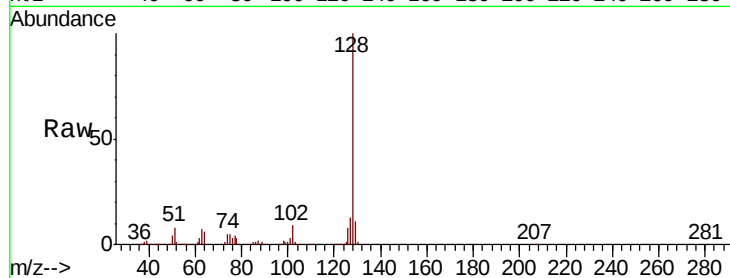




#69
Naphthalene
Concen: 27.465 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 275159
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 26.885 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015550.D
Acq: 08 Jun 2020 11:01

Tgt Ion:180 Resp: 126200
Ion Ratio Lower Upper
180 100
182 96.9 75.4 113.2
145 33.3 26.7 40.1

