

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009777.D
 Acq On : 06 Apr 2019 17:18
 Operator : SY/VA
 Sample : K2327-01
 Misc : 6.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

Quant Time: Apr 07 04:01:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.79	114	49	25.00	ug/L	-0.05
28) Chlorobenzene-d5	11.63	117	726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	482	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	60	93.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	374.28%#
7) Chloroethane-d5	2.71	69	247	420.47	ug/L	-0.18
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1681.88%#
10) 1,1-Dichloroethene-d2	4.03	63	108	78.32	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	313.28%#
20) 2-Butanone-d5	7.08	46	70	336.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	672.48%#
24) Chloroform-d	7.65	84	211	157.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	631.24%#
26) 1,2-Dichloroethane-d4	8.31	65	125	152.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	609.12%#
29) Benzene-d6	8.29	84	87	2.28	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	9.12%#
33) 1,2-Dichloropropane-d6	9.29	67	46	3.91	ug/L	0.02
Spiked Amount	25.000	Range	70 - 120	Recovery	=	15.64%#
37) Toluene-d8	10.33	98	373	10.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	42.36%
38) trans-1,3-Dichloropropene-	10.57	79	22	3.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	15.68%#
39) 2-Hexanone-d5	10.92	63	477	214.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	429.98%#
48) 1,1,2,2-Tetrachloroethane-	12.68	84	199	18.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	398	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.25	85	20	30.985	ug/L #	49
3) Chloromethane	2.20	50	384	575.668	ug/L	91
5) Vinyl chloride	2.46	62	72	84.149	ug/L	88
6) Bromomethane	2.78	94	51	86.140	ug/L	22
8) Chloroethane	2.78	64	83	147.798	ug/L	86
9) Trichlorofluoromethane	3.53	101	57	108.596	ug/L	84
12) 1,1-Dichloroethene	4.04	96	55	84.509	ug/L #	60
13) Acetone	4.12	43	70613	316560.494	ug/L	97
14) Carbon disulfide	4.38	76	69	34.109	ug/L #	75
15) Methyl Acetate	4.67	43	177	435.189	ug/L #	54
16) Methylene chloride	4.92	84	1990	2302.771	ug/L	80
17) Methyl tert-butyl Ether	5.52	73	104	116.000	ug/L #	1
18) trans-1,2-Dichloroethene	5.40	96	202	298.441	ug/L #	48
21) 2-Butanone	7.17	43	219	771.955	ug/L #	1
22) cis-1,2-Dichloroethene	7.16	96	20267	27996.867	ug/L	99
25) Chloroform	7.67	83	4122	3029.586	ug/L	78
27) 1,2-Dichloroethane	8.40	62	98	95.232	ug/L #	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

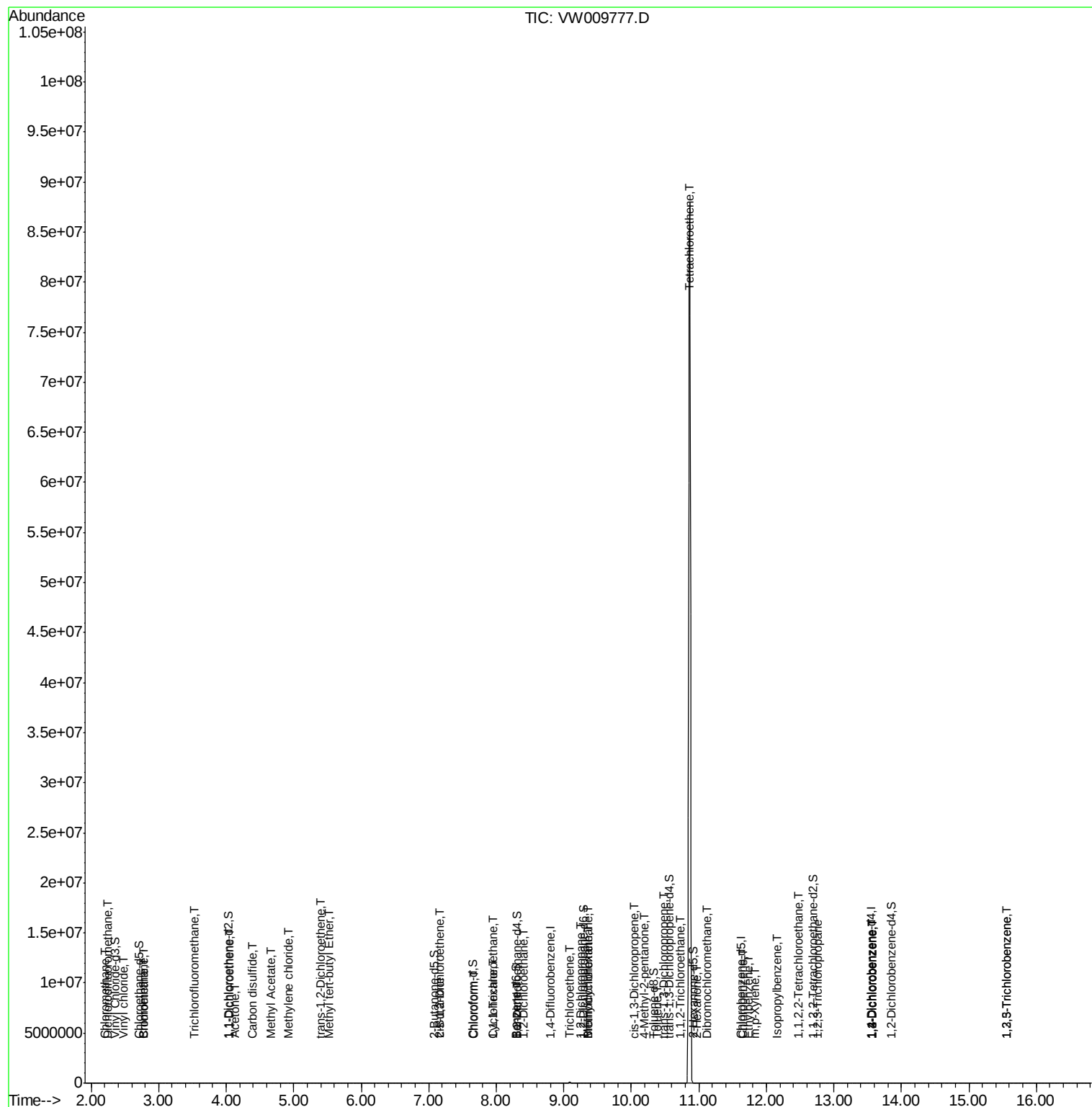
30) Cyclohexane	7.95	56	73	4.260	ug/L #	17
31) 1,1,1-Trichloroethane	7.96	97	44	2.672	ug/L #	1
34) Benzene	8.32	78	77	1.763	ug/L	100
35) Trichloroethene	9.09	95	26831	2347.173	ug/L	99
36) Methylcyclohexane	9.35	83	40	2.128	ug/L #	1
40) 1,2-Dichloropropane	9.25	63	43	3.846	ug/L #	85
41) Bromodichloromethane	9.35	83	40	2.593	ug/L #	25
42) cis-1,3-Dichloropropene	10.04	75	52	3.002	ug/L #	45
43) 4-Methyl-2-pentanone	10.19	43	170	19.573	ug/L #	47
44) Toluene	10.38	91	2009	43.417	ug/L #	76
45) trans-1,3-Dichloropropene	10.48	75	57	3.817	ug/L #	1
46) 1,1,2-Trichloroethane	10.73	97	68	8.102	ug/L #	17
47) Tetrachloroethene	10.86	164	16535017	1836586.512	ug/L	87
49) 2-Hexanone	10.98	43	161	24.895	ug/L #	85
50) Dibromochloromethane	11.12	129	371	35.981	ug/L #	12
52) Chlorobenzene	11.66	112	898	30.150	ug/L #	85
53) Ethylbenzene	11.74	91	113	2.144	ug/L #	44
54) m,p-Xylene	11.83	106	72	3.693	ug/L	100
57) Isopropylbenzene	12.16	105	44	0.865	ug/L #	54
58) 1,1,2,2-Tetrachloroethane	12.48	83	52	4.608	ug/L #	25
59) 1,2,3-Trichloropropane	12.75	75	74	8.809	ug/L #	1
63) 1,3-Dichlorobenzene	13.57	146	79	2.650	ug/L #	65
64) 1,4-Dichlorobenzene	13.57	146	79	2.485	ug/L #	65
65) 1,2-Dichlorobenzene	13.57	146	79	2.769	ug/L #	64
67) 1,3,5-Trichlorobenzene	15.57	180	44	1.989	ug/L #	19
70) 1,2,3-Trichlorobenzene	15.57	180	44	2.647	ug/L #	13

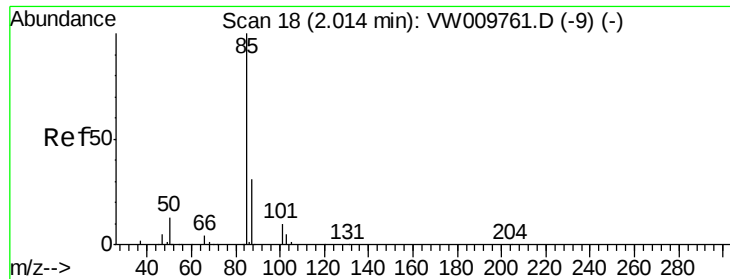
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 30.985 ug/L

RT: 2.25 min Scan# 56

Delta R.T. 0.23 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

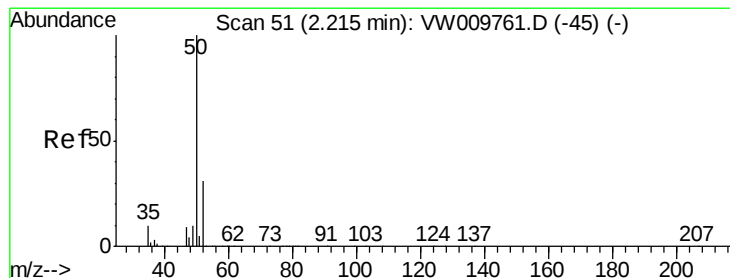
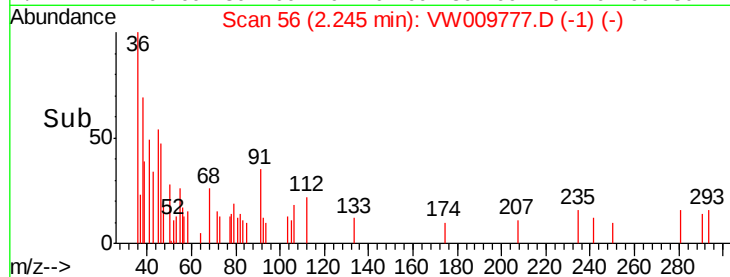
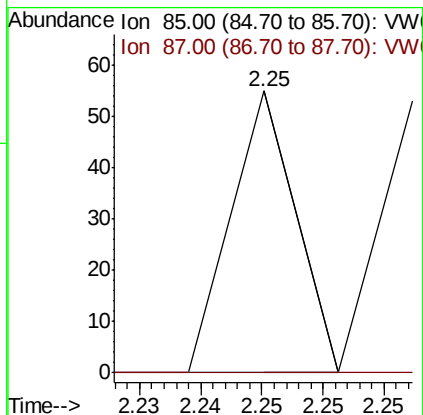
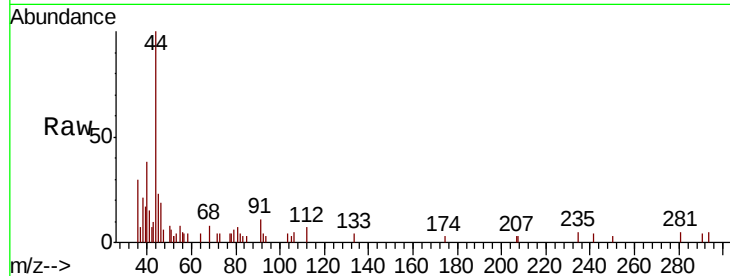
BF2R7

Tgt Ion: 85 Resp: 20

Ion Ratio Lower Upper

85 100

87 0.0 18.1 33.5#



#3

Chloromethane

Concen: 575.668 ug/L

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW009777.D

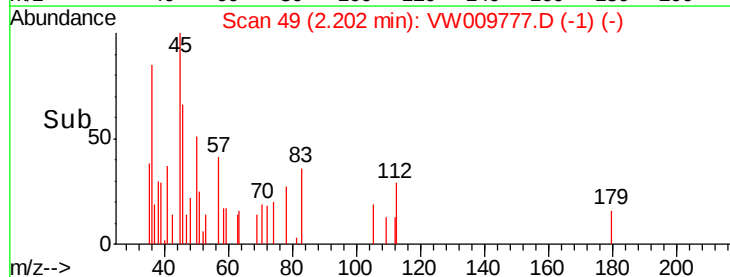
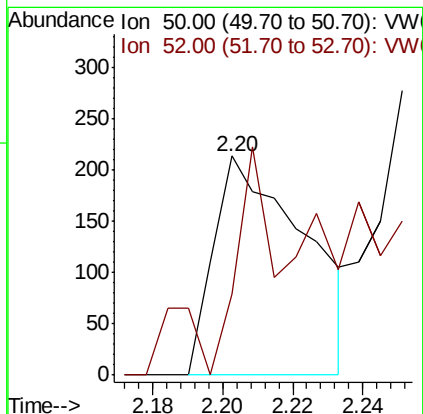
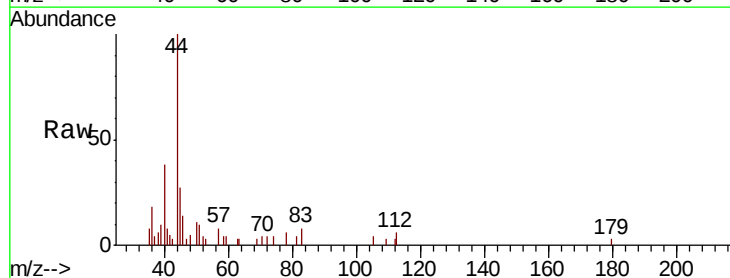
Acq: 06 Apr 2019 17:18

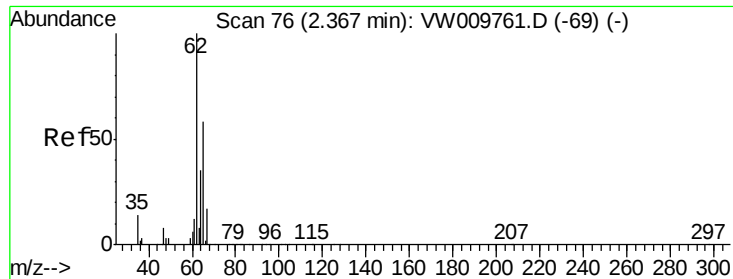
Tgt Ion: 50 Resp: 384

Ion Ratio Lower Upper

50 100

52 36.6 22.3 41.3





#5

Vinyl chloride

Concen: 84.149 ug/L

RT: 2.46 min Scan# 92

Delta R.T. 0.10 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

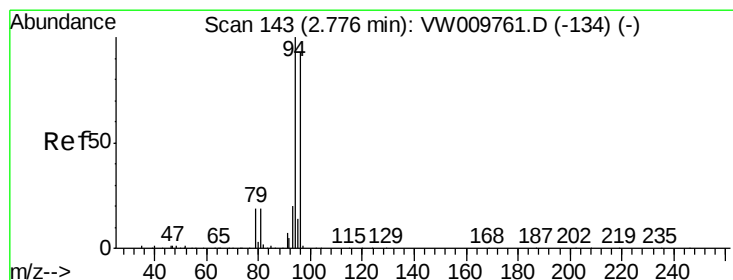
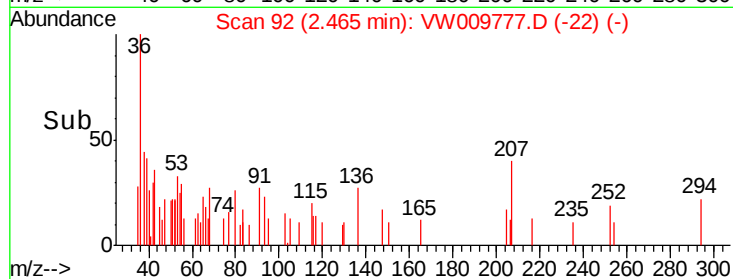
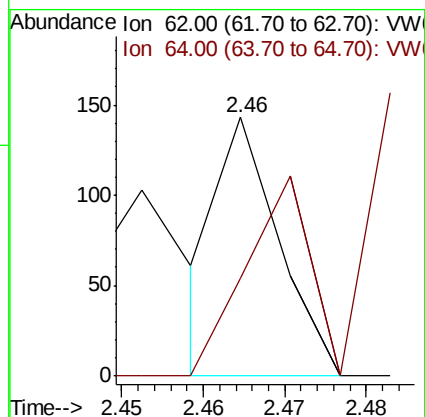
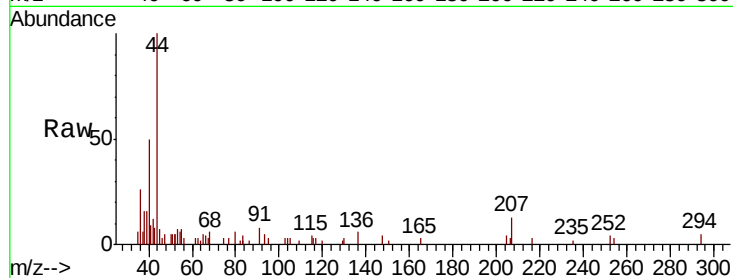
BF2R7

Tgt Ion: 62 Resp: 72

Ion Ratio Lower Upper

62 100

64 37.8 21.8 40.6



#6

Bromomethane

Concen: 86.140 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW009777.D

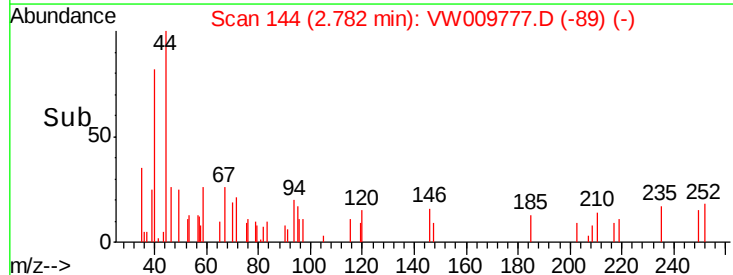
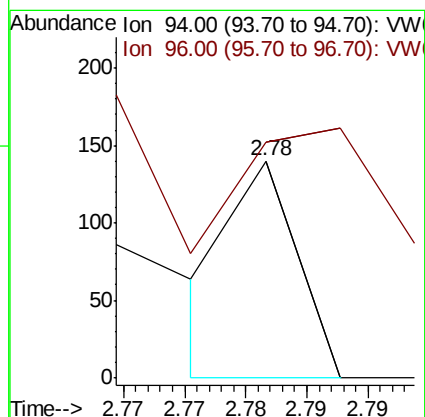
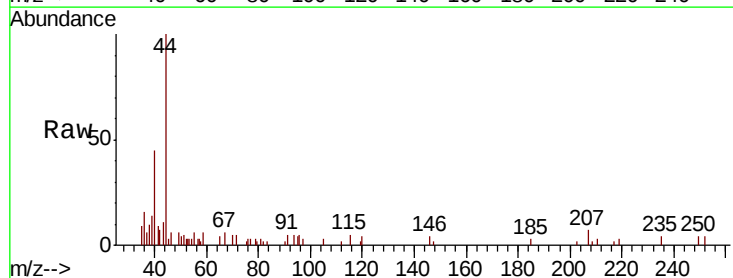
Acq: 06 Apr 2019 17:18

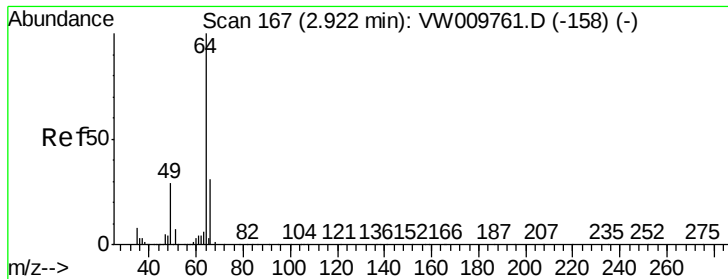
Tgt Ion: 94 Resp: 51

Ion Ratio Lower Upper

94 100

96 168.6 9.3 177.3





#8

Chloroethane

Concen: 147.798 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.15 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

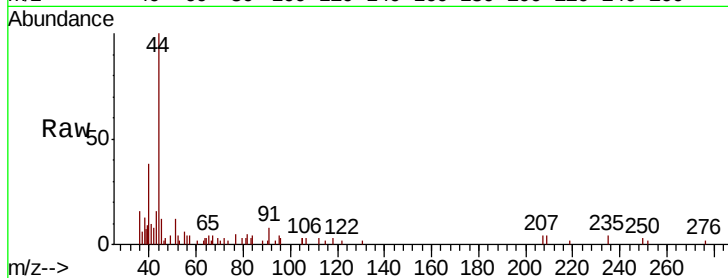
BF2R7

Tgt Ion: 64 Resp: 83

Ion Ratio Lower Upper

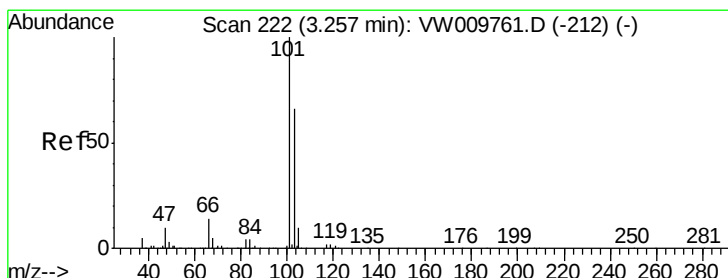
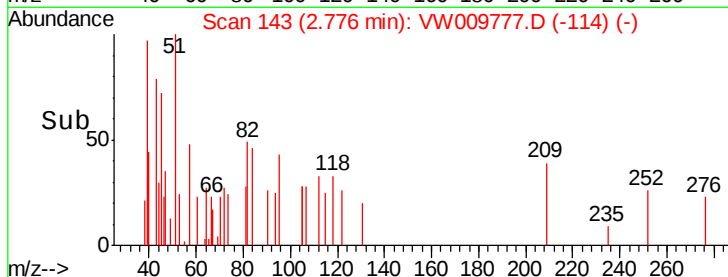
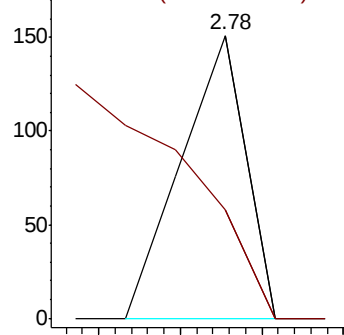
64 100

66 38.4 21.6 40.2



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 108.596 ug/L

RT: 3.53 min Scan# 267

Delta R.T. 0.28 min

Lab File: VW009777.D

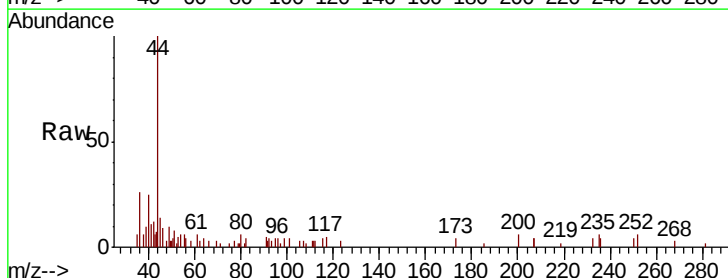
Acq: 06 Apr 2019 17:18

Tgt Ion: 101 Resp: 57

Ion Ratio Lower Upper

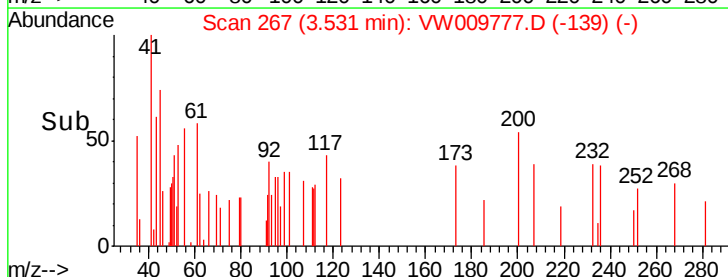
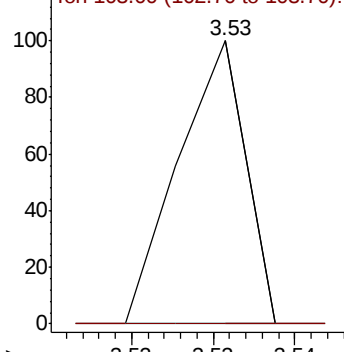
101 100

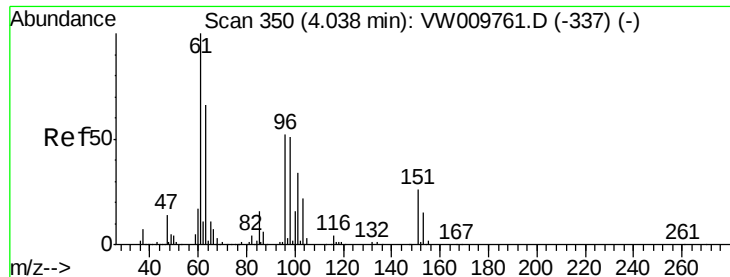
103 77.2 45.1 83.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1-Dichloroethene

Concen: 84.509 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

BF2R7

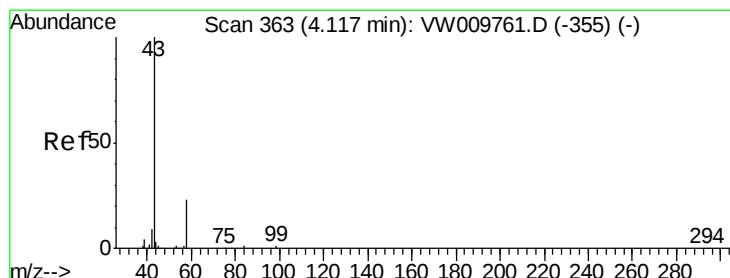
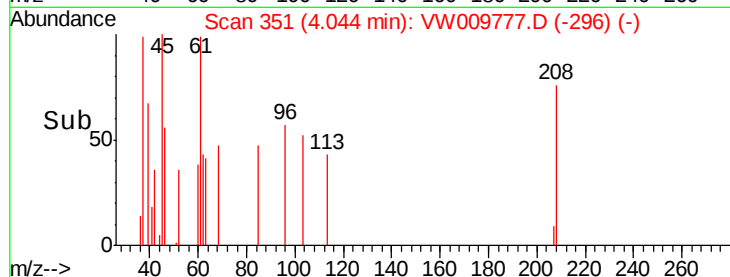
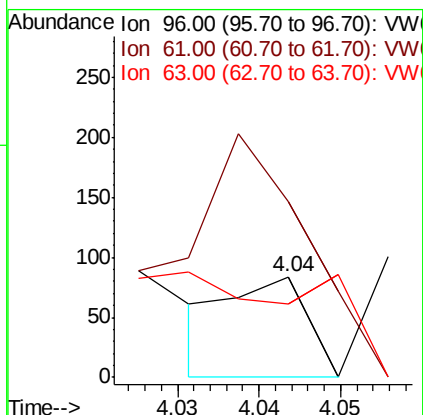
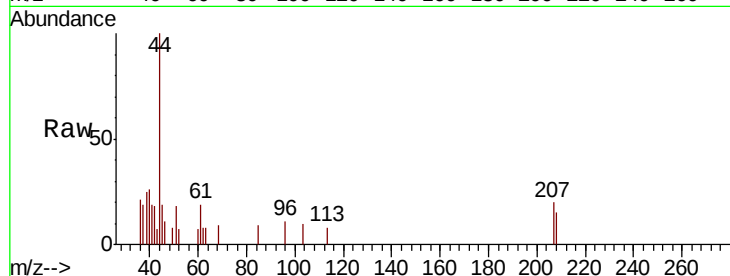
Tgt Ion: 96 Resp: 55

Ion Ratio Lower Upper

96 100

61 173.8 138.8 257.8

63 72.6 114.6 212.8#



#13

Acetone

Concen: 316560.494 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009777.D

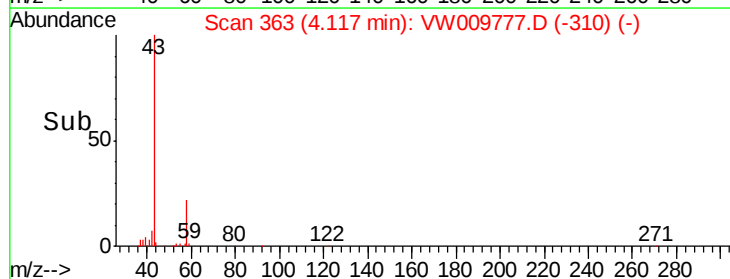
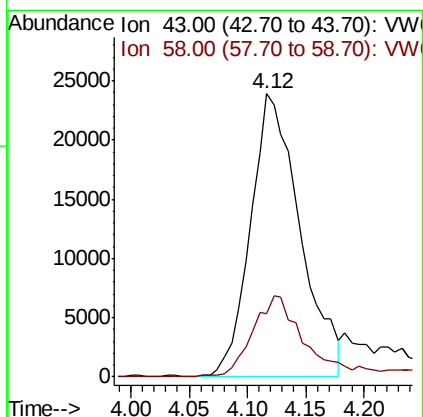
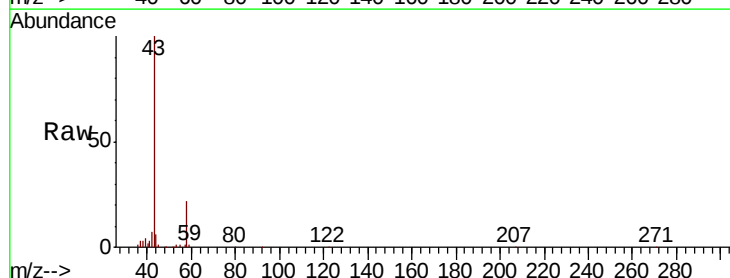
Acq: 06 Apr 2019 17:18

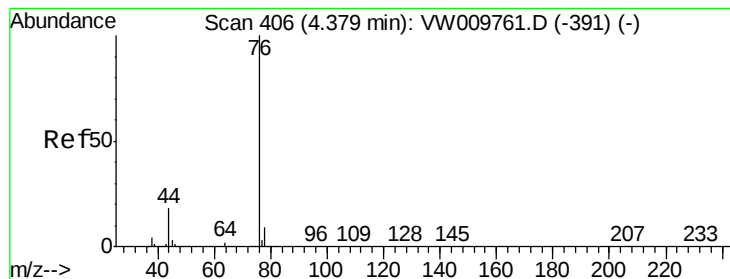
Tgt Ion: 43 Resp: 70613

Ion Ratio Lower Upper

43 100

58 28.3 0.0 53.0





#14

Carbon disulfide

Concen: 34.109 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

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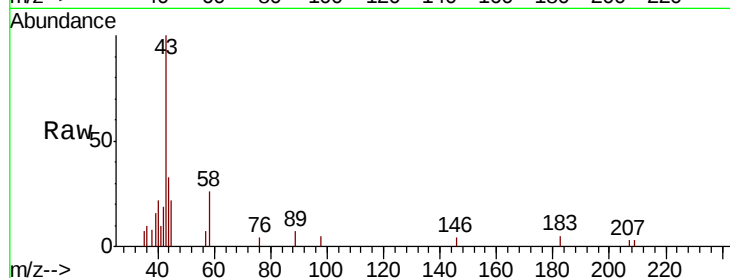
BF2R7

Tgt Ion: 76 Resp: 69

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

60

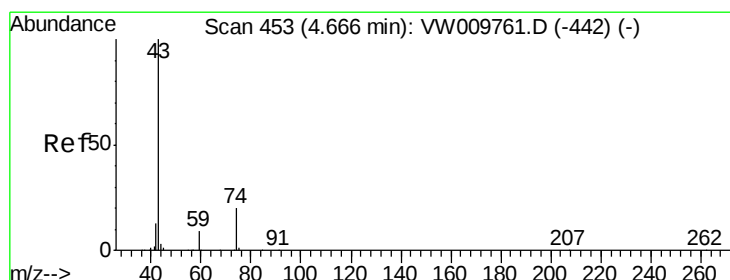
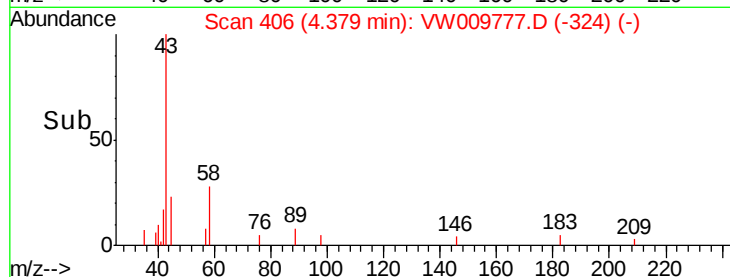
40

20

0

4.35 4.36 4.37 4.38 4.39

Time-->



#15

Methyl Acetate

Concen: 435.189 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW009777.D

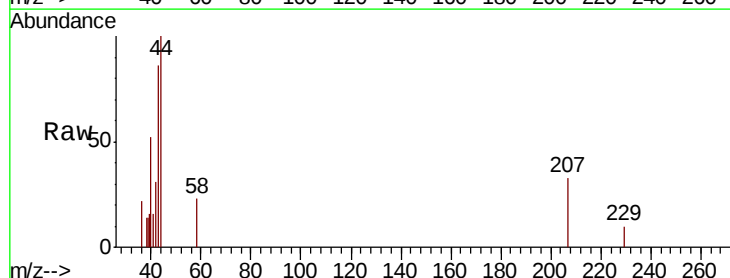
Acq: 06 Apr 2019 17:18

Tgt Ion: 43 Resp: 177

Ion Ratio Lower Upper

43 100

74 0.0 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

600

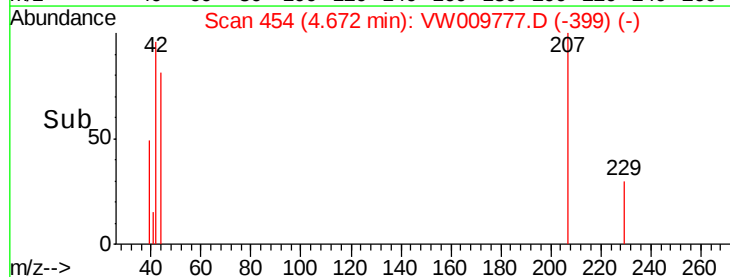
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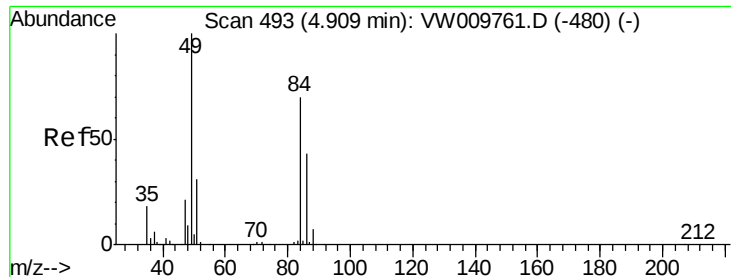
200

0

4.65 4.66 4.67 4.68

Time-->

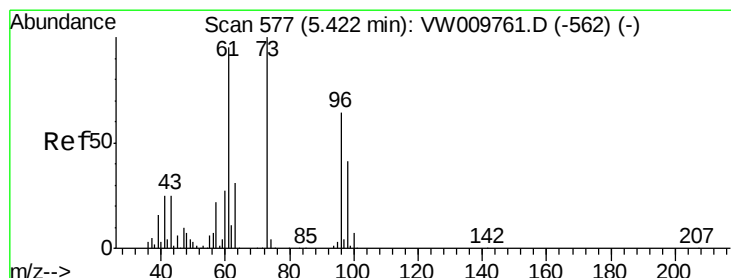
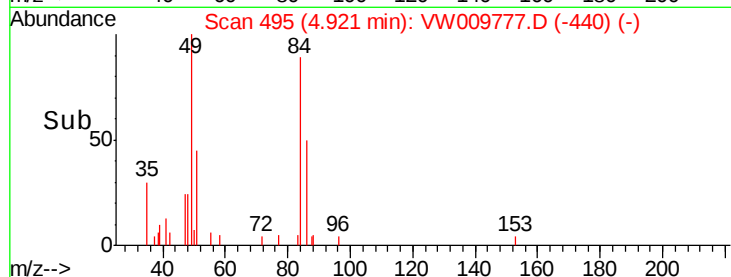
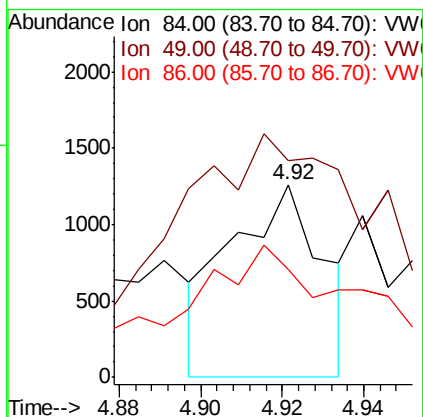
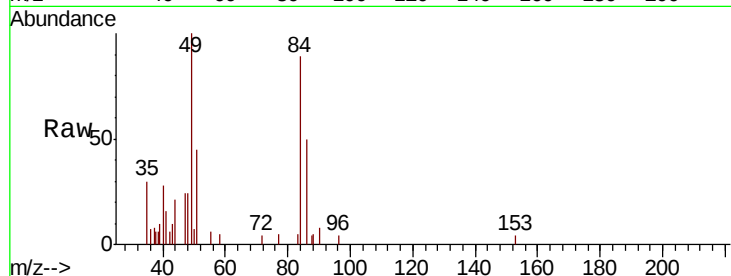




#16
Methylene chloride
Concen: 2302.771 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

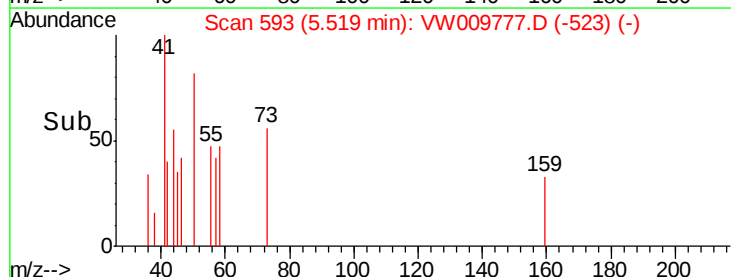
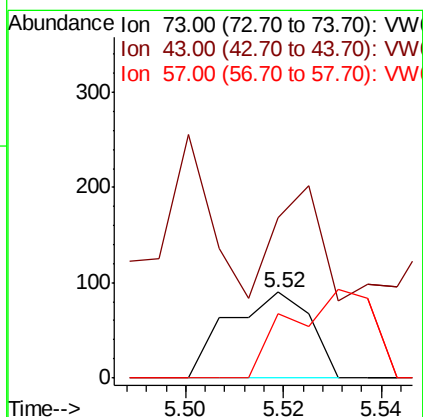
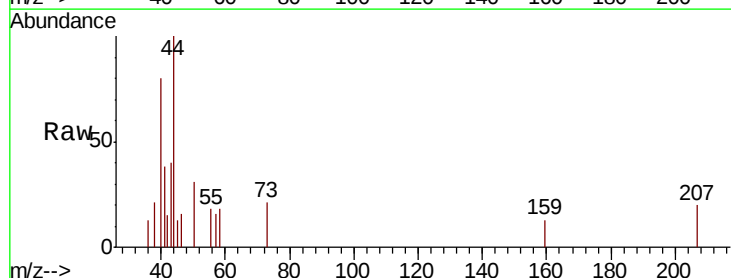
Instrument :
MSVOA_W
ClientSampled :
BF2R7

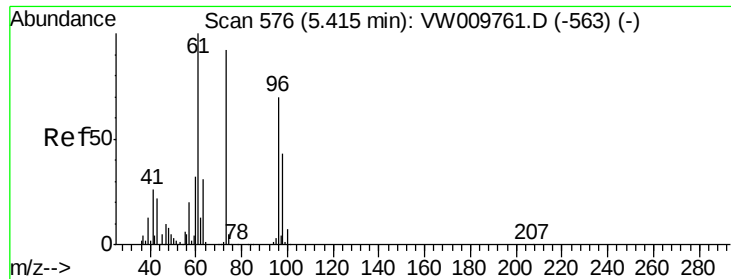
Tgt Ion: 84 Resp: 1990
Ion Ratio Lower Upper
84 100
49 112.5 98.3 182.5
86 55.8 46.4 86.2



#17
Methyl tert-butyl Ether
Concen: 116.000 ug/L
RT: 5.52 min Scan# 593
Delta R.T. 0.10 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

Tgt Ion: 73 Resp: 104
Ion Ratio Lower Upper
73 100
43 96.2 20.2 30.2#
57 104.8 17.8 26.8#





#18

trans-1,2-Dichloroethene

Concen: 298.441 ug/L

RT: 5.40 min Scan# 574

Delta R.T. -0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

BF2R7

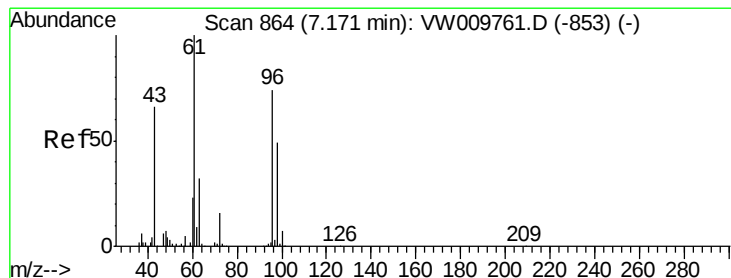
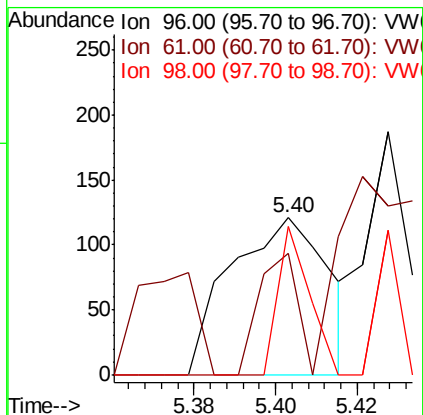
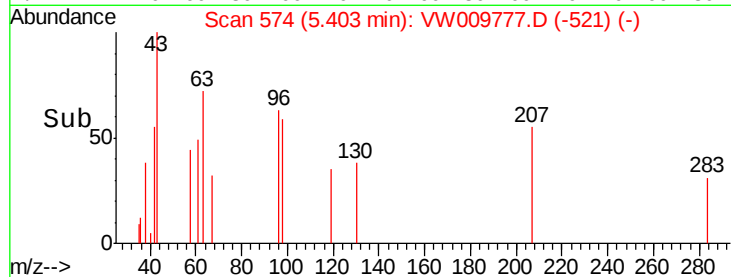
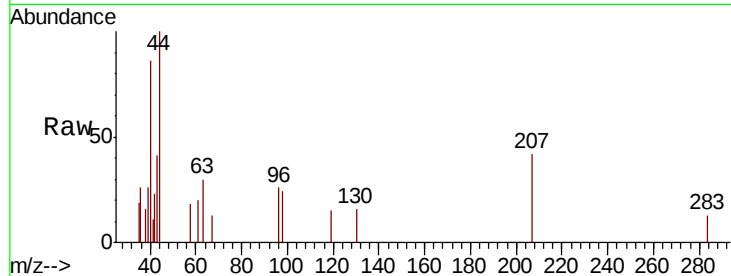
Tgt Ion: 96 Resp: 202

Ion Ratio Lower Upper

96 100

61 77.7 103.7 192.5#

98 94.2 43.7 81.1#



#21

2-Butanone

Concen: 771.955 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009777.D

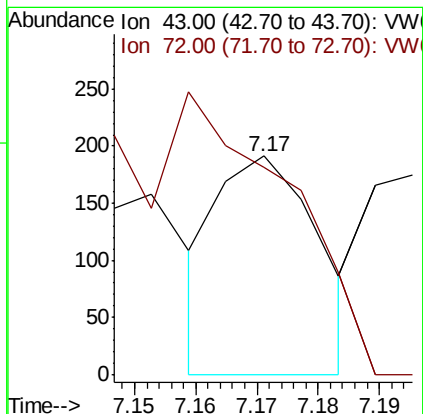
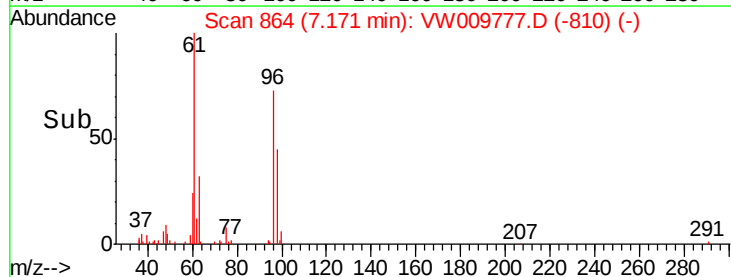
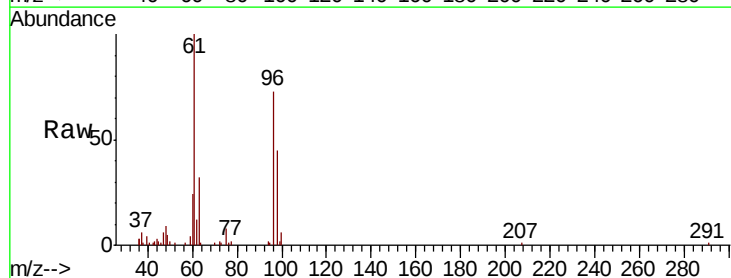
Acq: 06 Apr 2019 17:18

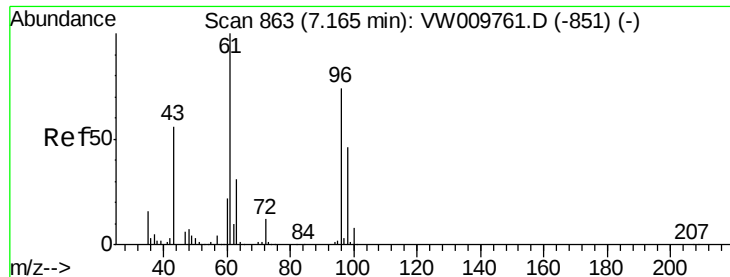
Tgt Ion: 43 Resp: 219

Ion Ratio Lower Upper

43 100

72 147.0 12.0 36.1#



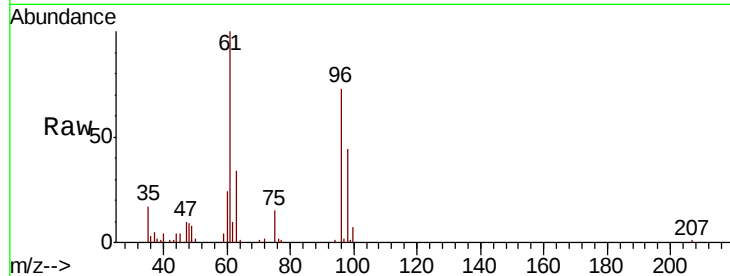


#22

cis-1,2-Dichloroethene
 Concen: 27996.867 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Instrument :
 MSVOA_W
 ClientSampled :
 BF2R7

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.6	96.8	179.8
98	60.5	43.5	80.9

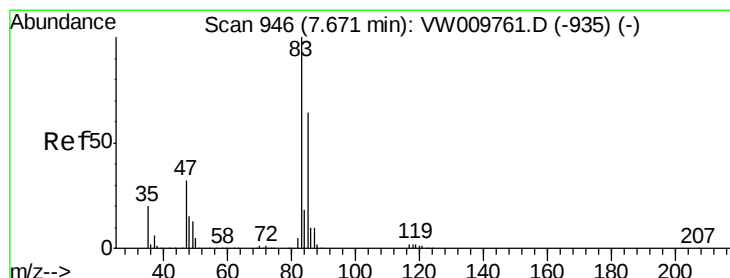
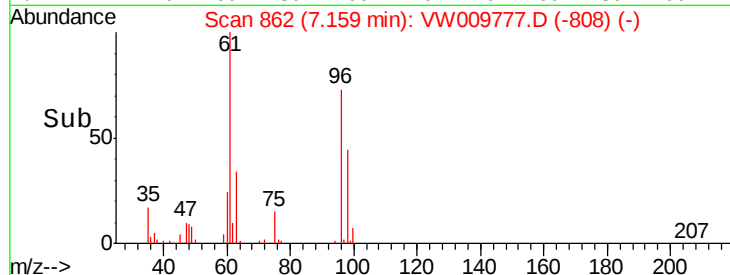
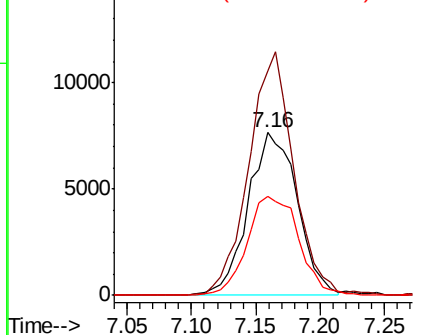


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

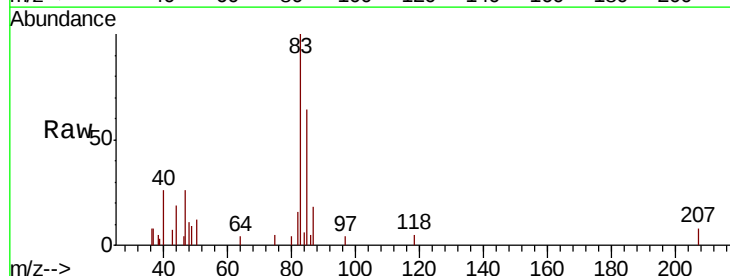
Ion 98.00 (97.70 to 98.70): VW



#25

Chloroform
 Concen: 3029.586 ug/L
 RT: 7.67 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

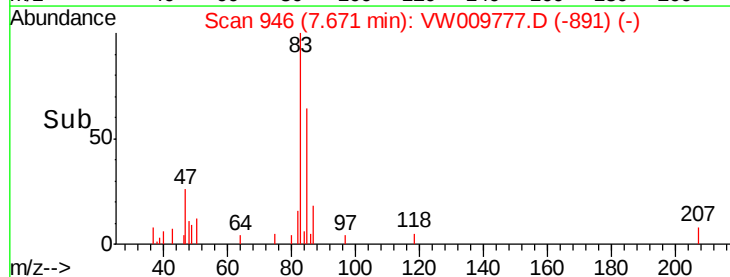
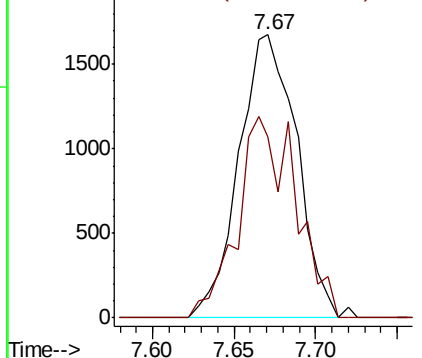
Tgt Ion	Ratio	Lower	Upper
83	100		
85	48.2	45.6	84.8

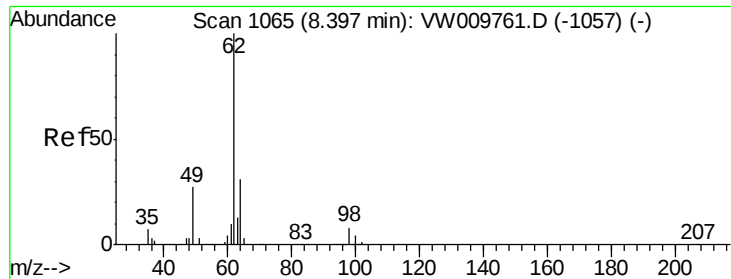


Abundance

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW





#27

1,2-Dichloroethane

Concen: 95.232 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

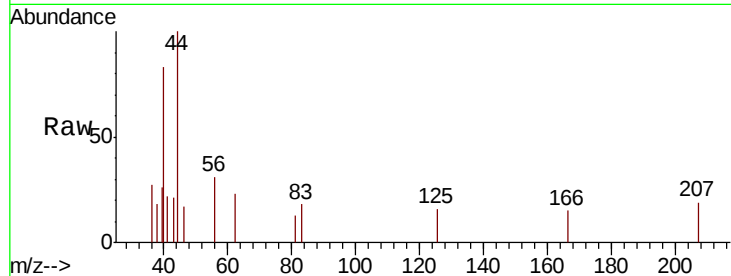
BF2R7

Tgt Ion: 62 Resp: 98

Ion Ratio Lower Upper

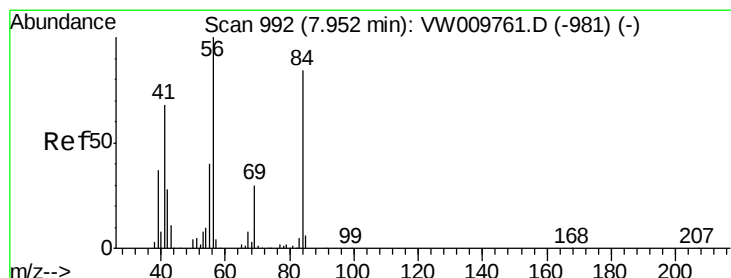
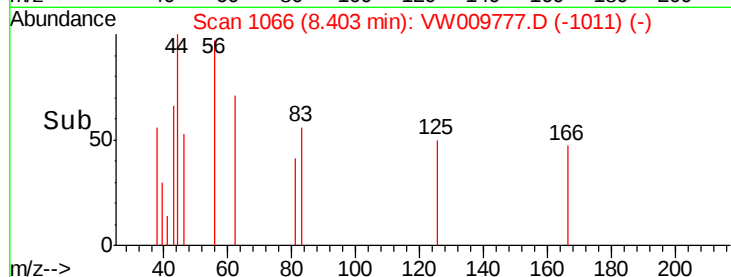
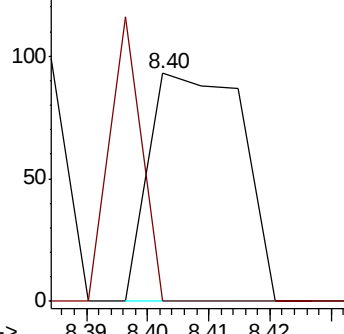
62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW



#30

Cyclohexane

Concen: 4.260 ug/L

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

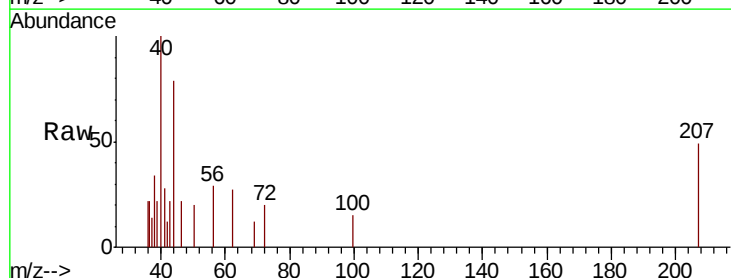
Tgt Ion: 56 Resp: 73

Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.2#

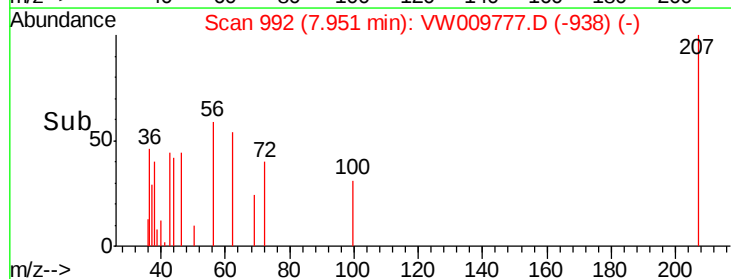
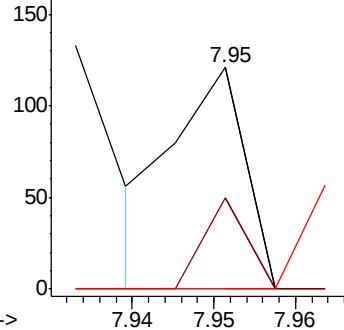
84 0.0 67.7 101.5#

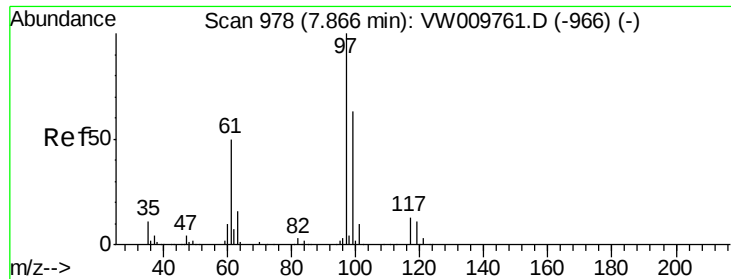


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#31

1,1,1-Trichloroethane

Concen: 2.672 ug/L

RT: 7.96 min Scan# 994

Delta R.T. 0.10 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

BF2R7

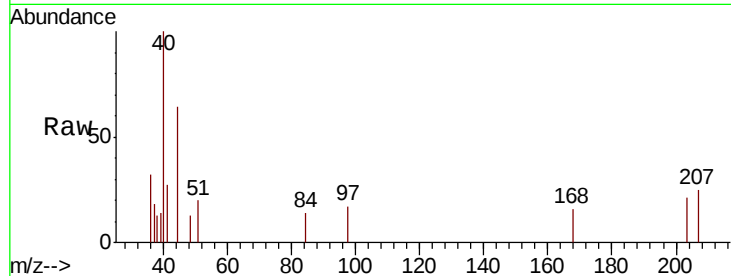
Tgt Ion: 97 Resp: 44

Ion Ratio Lower Upper

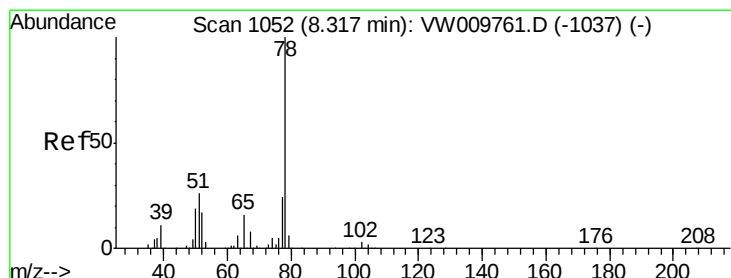
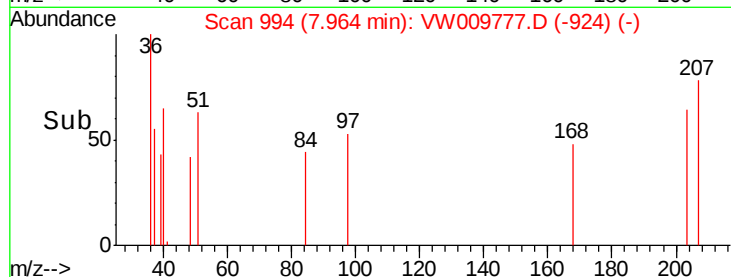
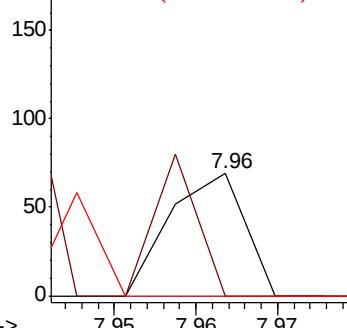
97 100

99 186.4 50.8 76.2#

61 0.0 38.6 57.8#



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



#34

Benzene

Concen: 1.763 ug/L

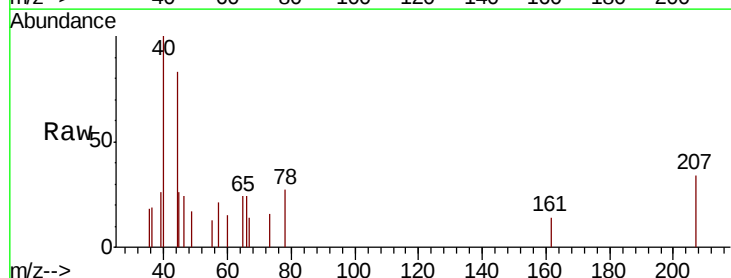
RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

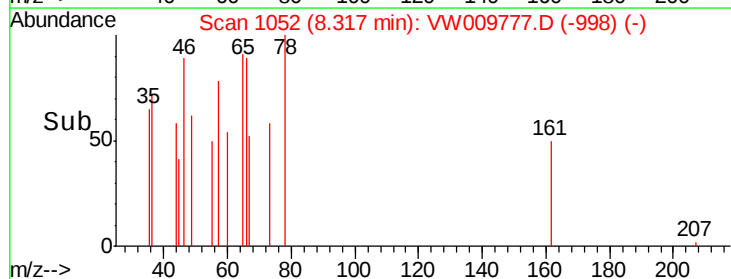
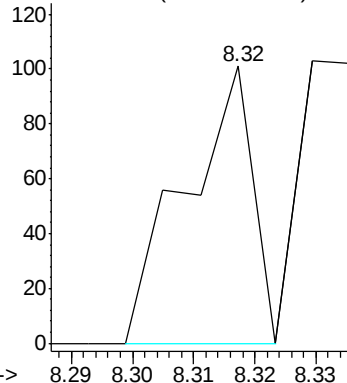
Lab File: VW009777.D

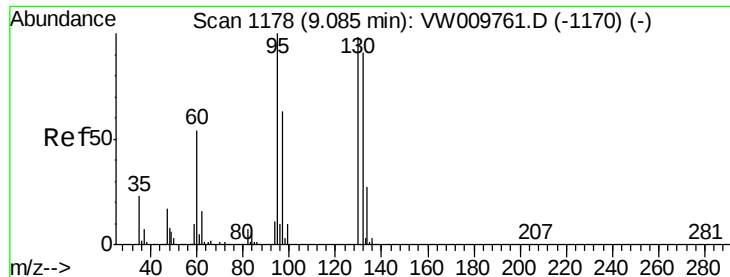
Acq: 06 Apr 2019 17:18

Tgt Ion: 78 Resp: 77



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 2347.173 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

BF2R7

Tgt Ion: 95 Resp: 26831

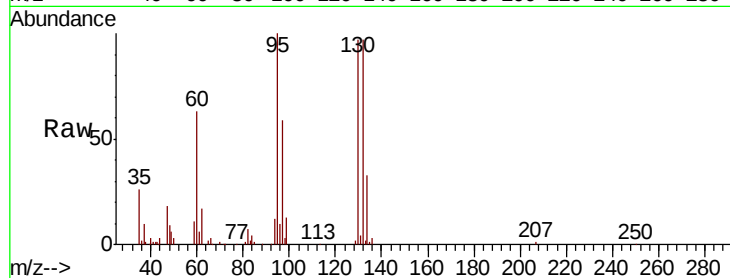
Ion Ratio Lower Upper

95 100

97 65.9 44.9 83.5

132 95.4 67.1 124.7

130 98.6 69.2 128.6



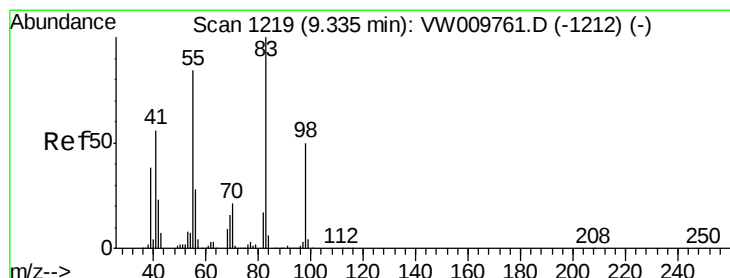
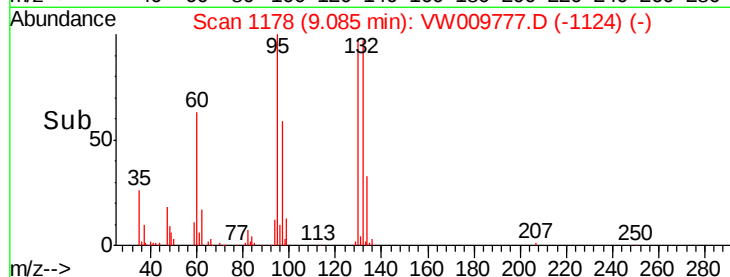
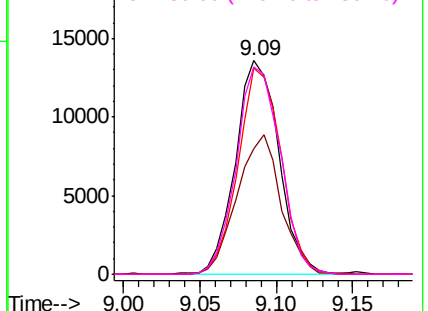
Abundance

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: 2.128 ug/L

RT: 9.35 min Scan# 1221

Delta R.T. 0.02 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

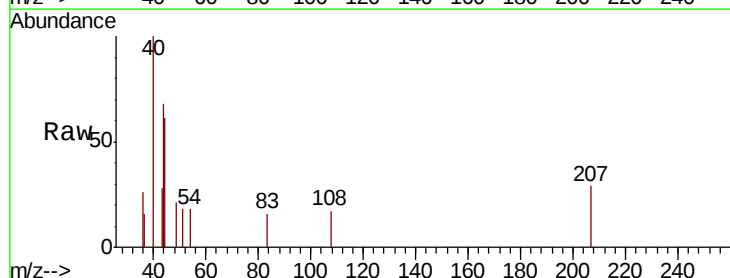
Tgt Ion: 83 Resp: 40

Ion Ratio Lower Upper

83 100

55 242.5 66.3 99.5#

98 0.0 39.4 59.0#

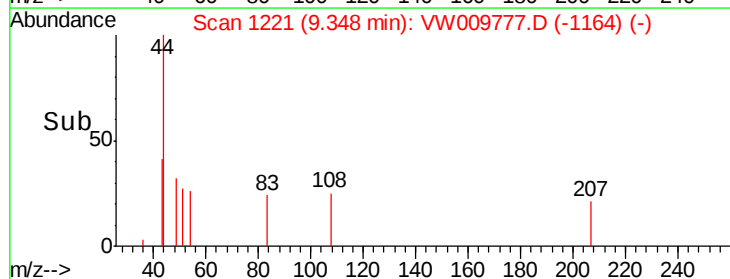
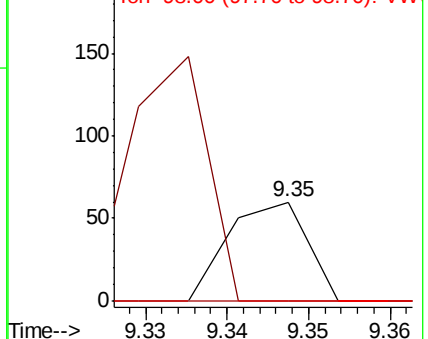


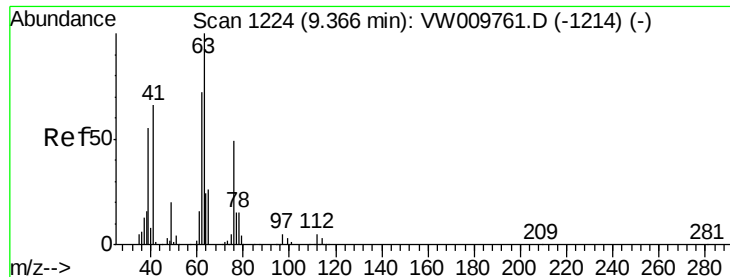
Abundance

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: 3.846 ug/L

RT: 9.25 min Scan# 1205

Delta R.T. -0.12 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

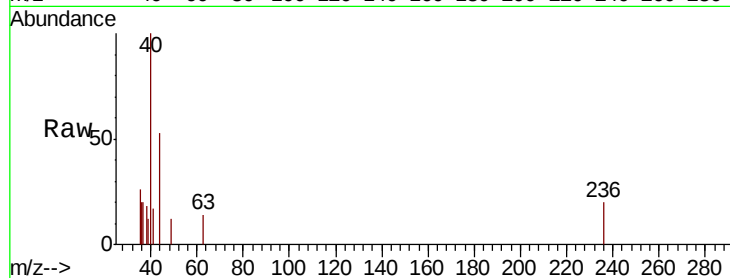
BF2R7

Tgt Ion: 63 Resp: 43

Ion Ratio Lower Upper

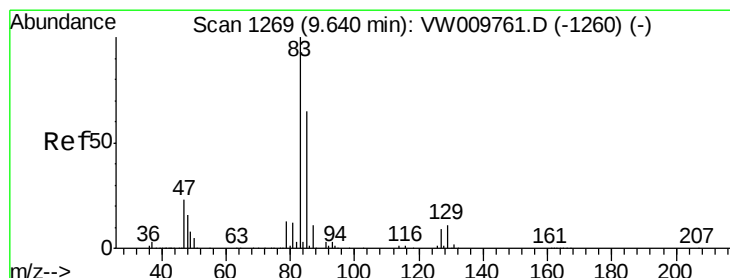
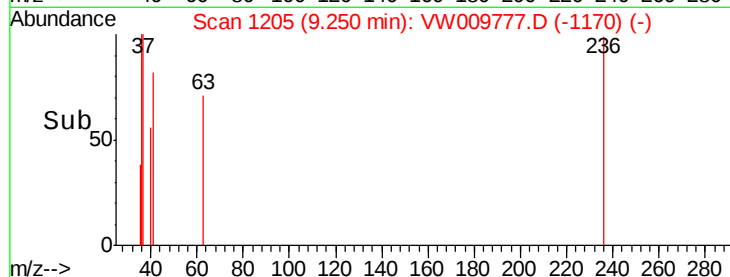
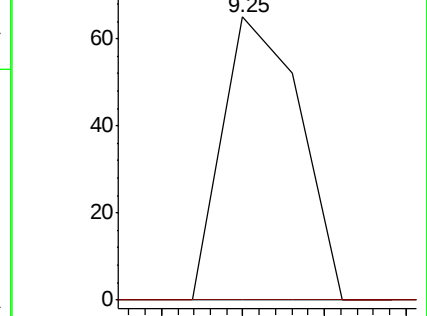
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 2.593 ug/L

RT: 9.35 min Scan# 1221

Delta R.T. -0.29 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

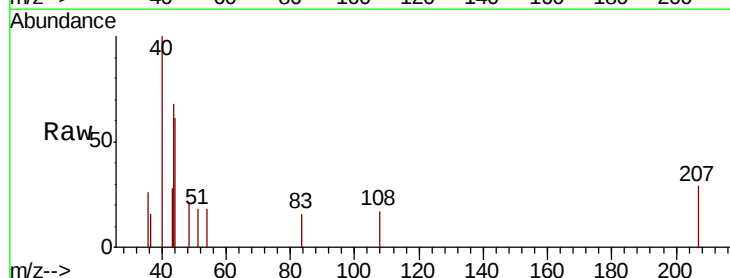
Tgt Ion: 83 Resp: 40

Ion Ratio Lower Upper

83 100

85 0.0 45.0 83.6#

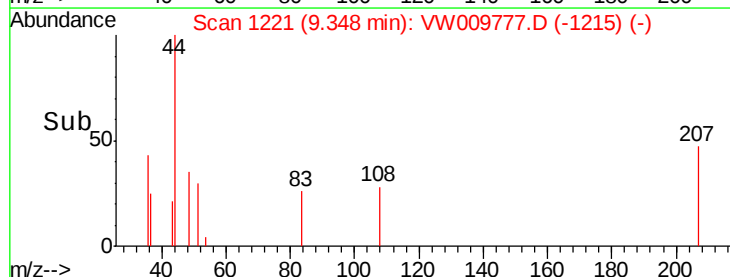
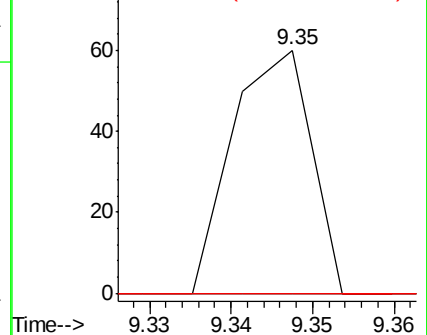
127 0.0 6.7 10.1#

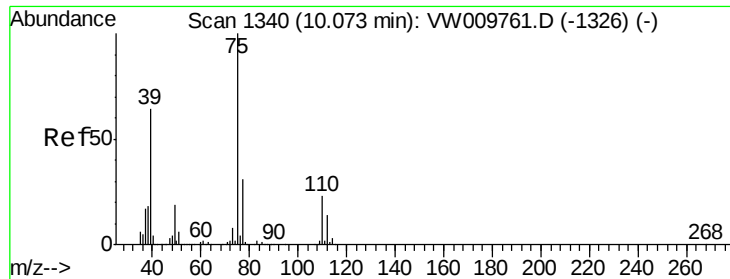


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 3.002 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

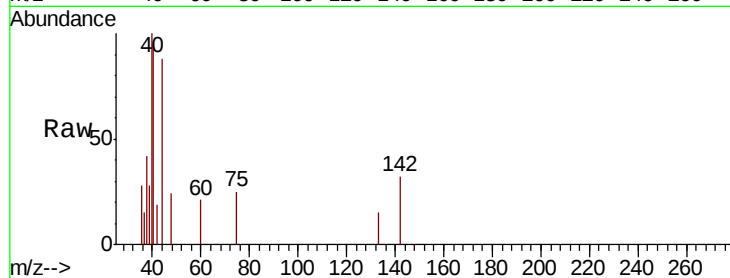
BF2R7

Tgt Ion: 75 Resp: 52

Ion Ratio Lower Upper

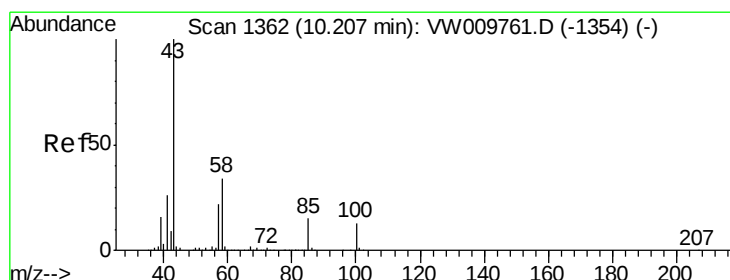
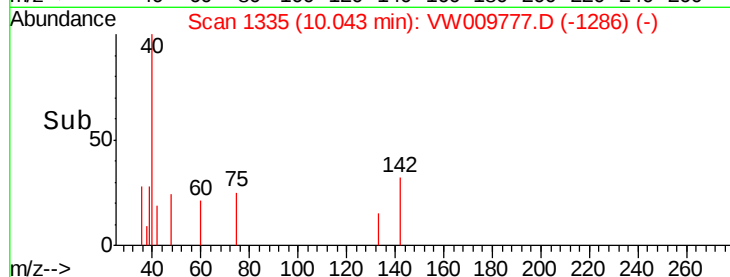
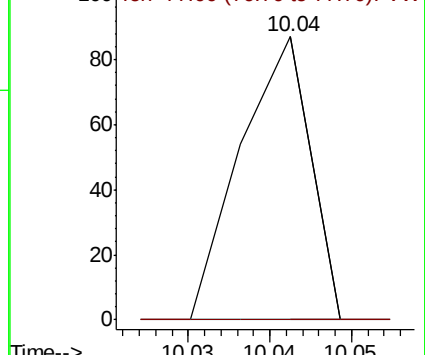
75 100

77 0.0 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 19.573 ug/L

RT: 10.19 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

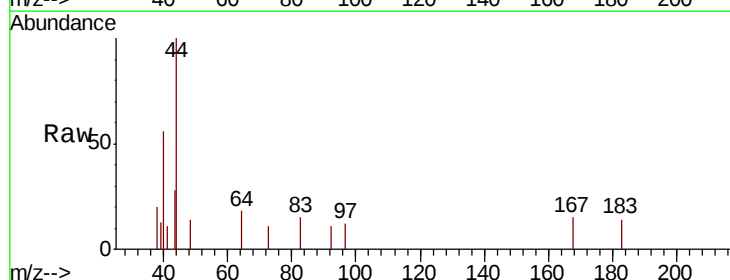
Tgt Ion: 43 Resp: 170

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#

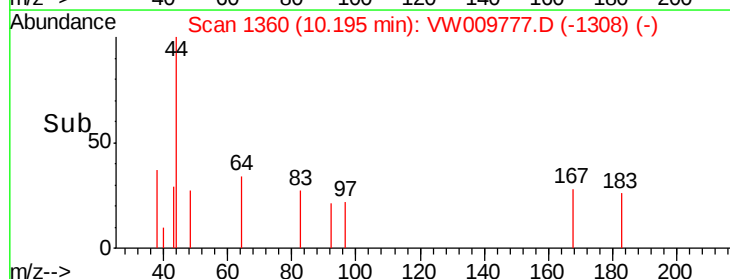
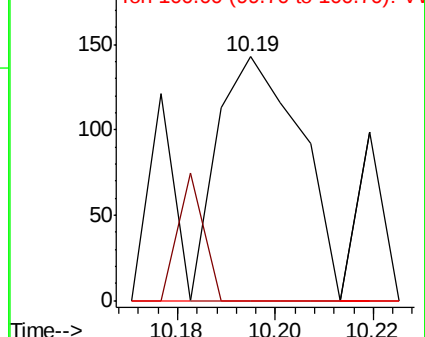
100 0.0 10.9 16.3#

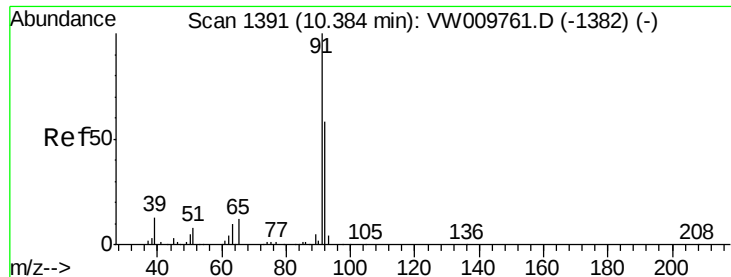


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#44

Toluene

Concen: 43.417 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

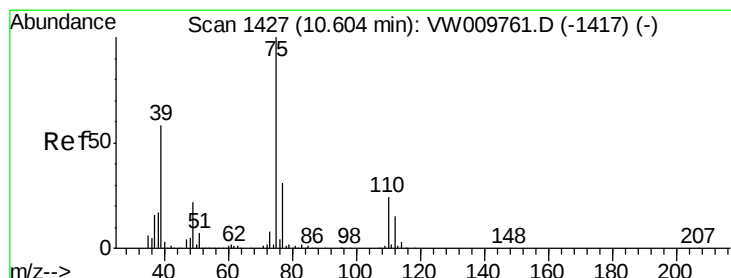
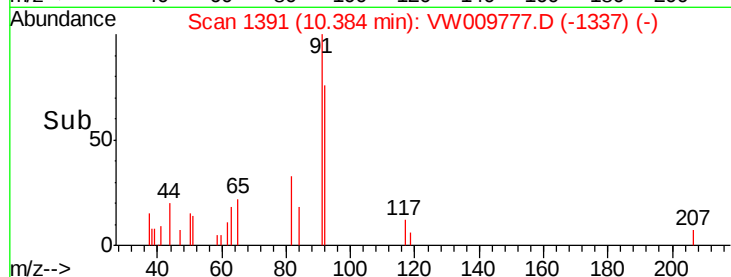
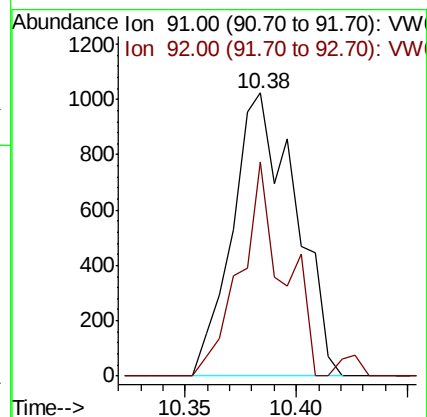
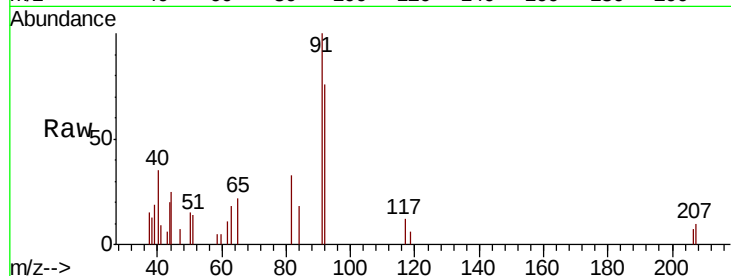
BF2R7

Tgt Ion: 91 Resp: 2009

Ion Ratio Lower Upper

91 100

92 75.8 40.5 75.1#



#45

trans-1,3-Dichloropropene

Concen: 3.817 ug/L

RT: 10.48 min Scan# 1407

Delta R.T. -0.12 min

Lab File: VW009777.D

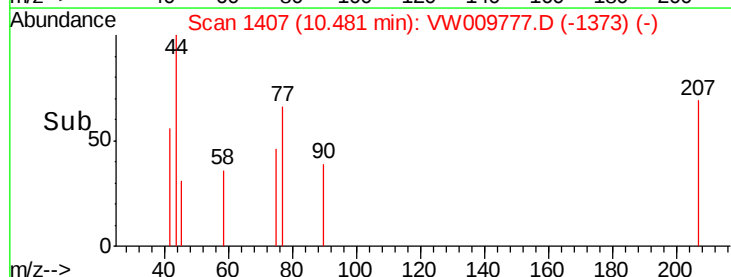
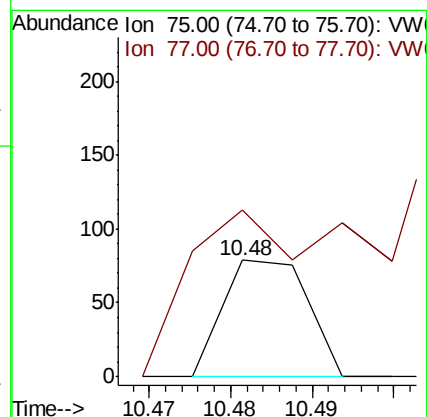
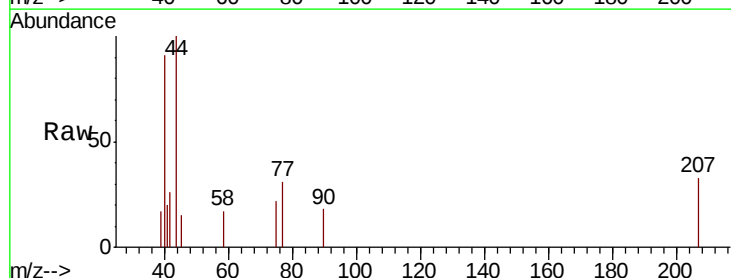
Acq: 06 Apr 2019 17:18

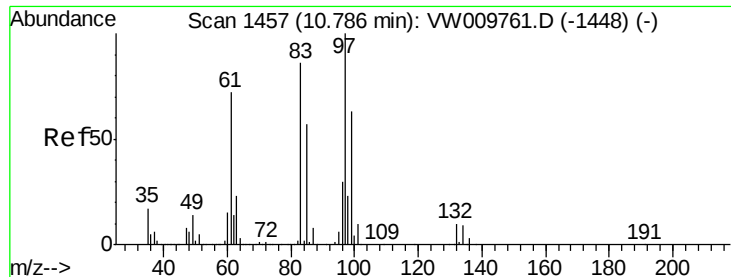
Tgt Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

77 143.0 21.1 39.3#



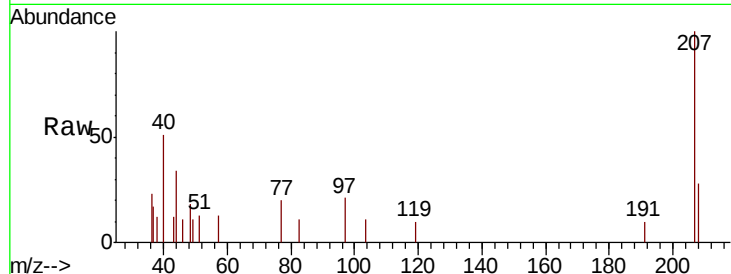


#46
 1,1,2-Trichloroethane
 Concen: 8.102 ug/L
 RT: 10.73 min Scan# 1447
 Delta R.T. -0.06 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

Tgt Ion: 97 Resp: 68

Ion	Ratio	Lower	Upper
97	100		
83	0.0	57.3	106.3#
85	0.0	38.1	70.7#
99	0.0	40.9	75.9#



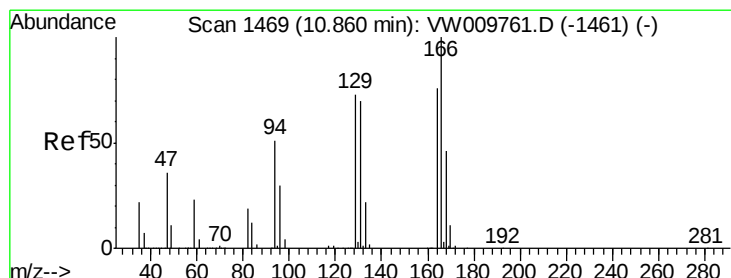
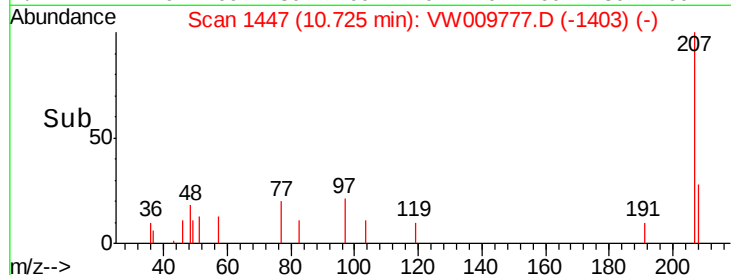
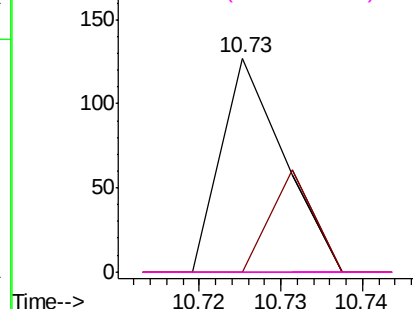
Abundance

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

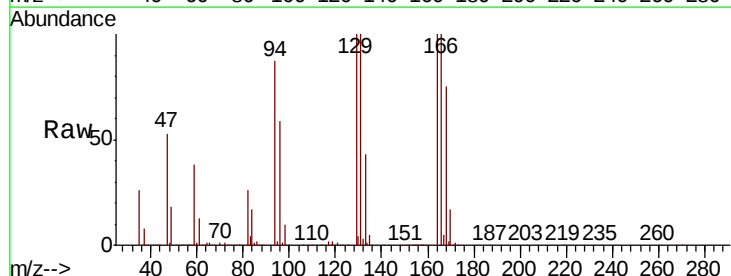
Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 1836586.512 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion: 164 Resp: 16535017

Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.9	127.9
131	100.0	63.1	117.1
166	100.0	88.5	164.4



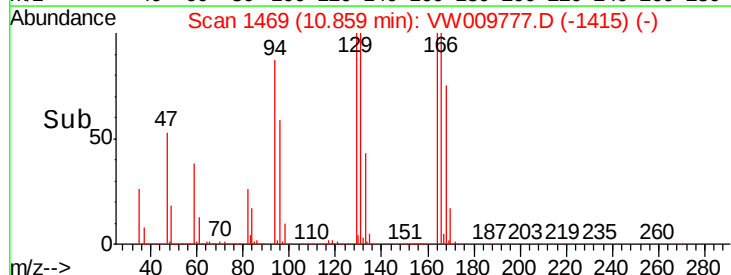
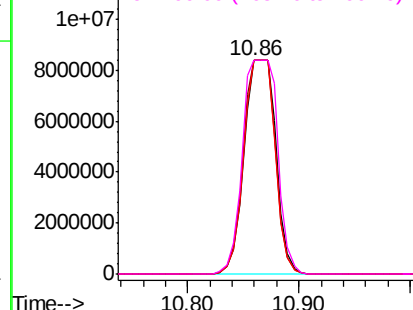
Abundance

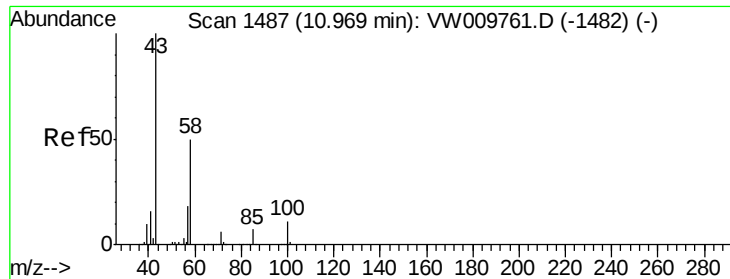
Ion 164.00 (163.70 to 164.70): V

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: 24.895 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

BF2R7

Tgt Ion: 43 Resp: 161

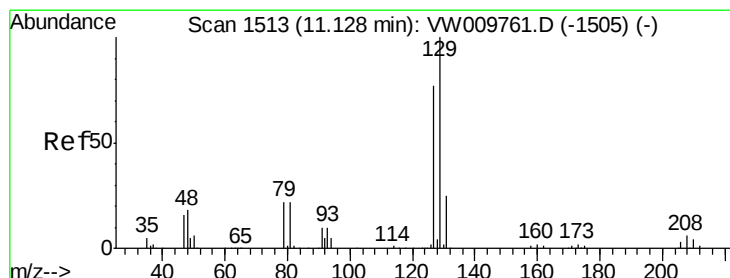
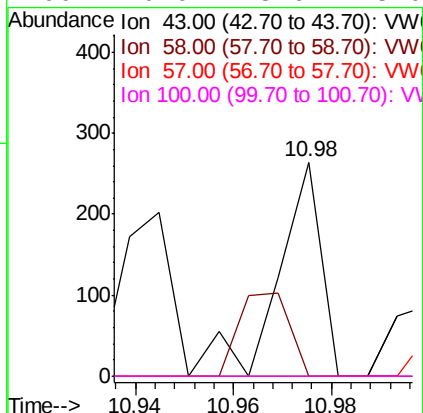
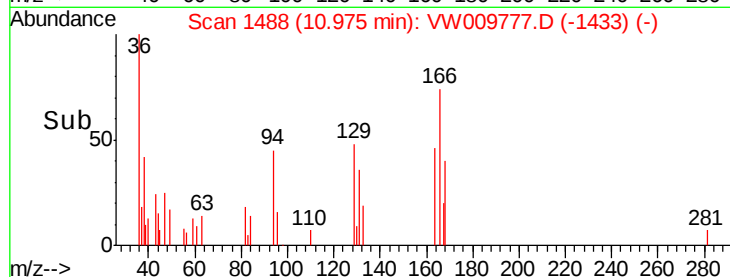
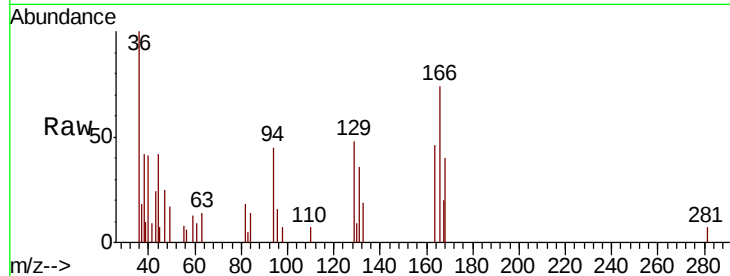
Ion Ratio Lower Upper

43 100

58 46.0 38.9 58.3

57 0.0 13.8 20.6#

100 0.0 8.6 13.0#



#50

Dibromochloromethane

Concen: 35.981 ug/L

RT: 11.12 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VW009777.D

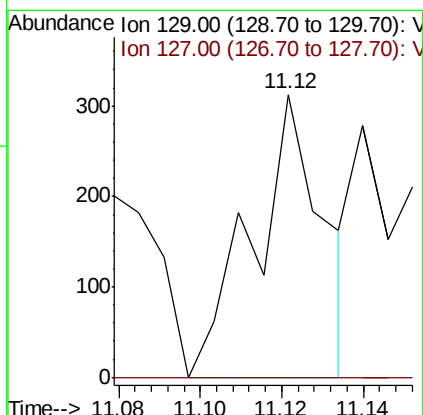
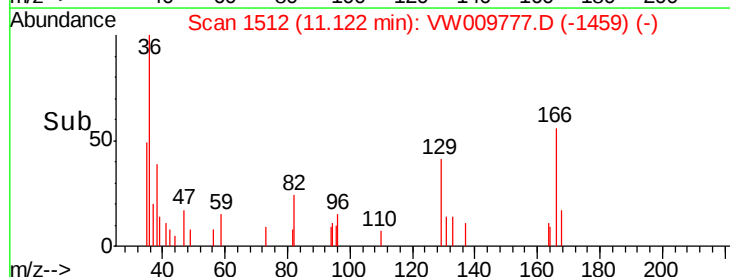
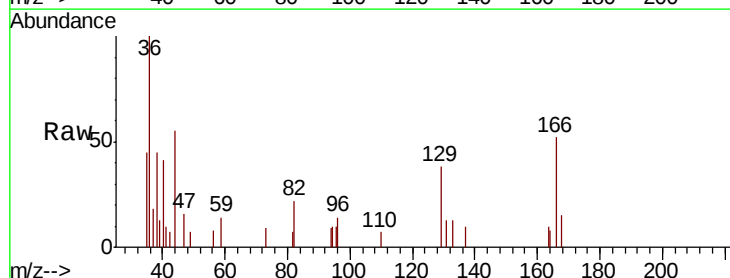
Acq: 06 Apr 2019 17:18

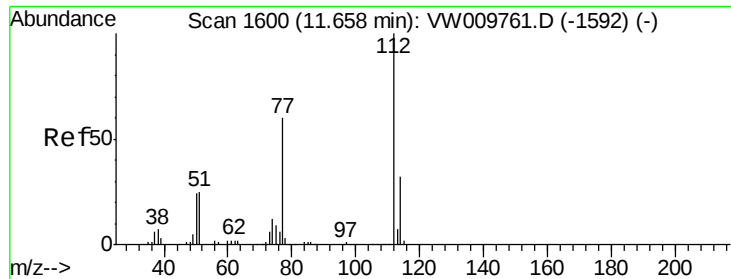
Tgt Ion: 129 Resp: 371

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#

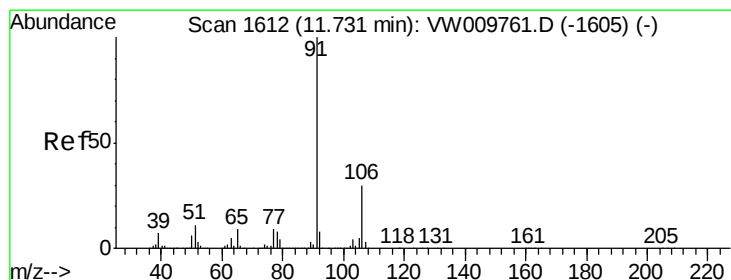
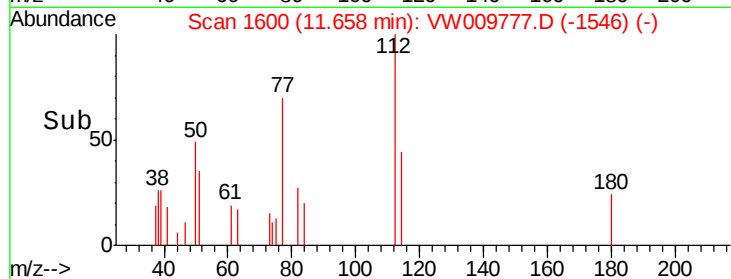
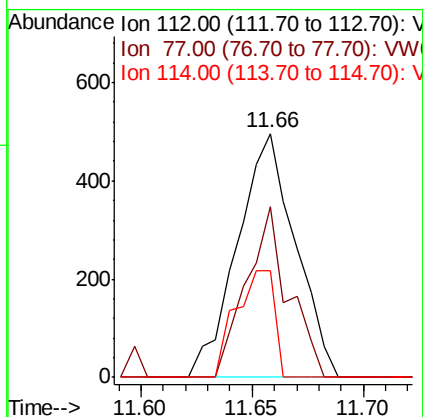
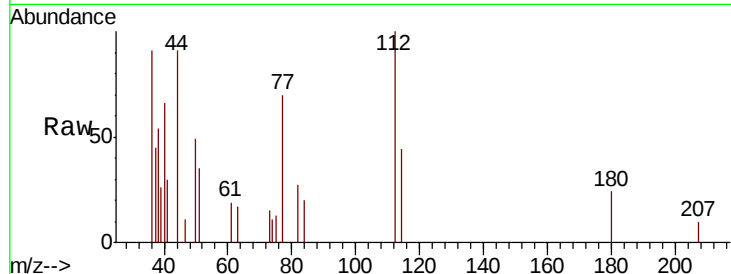




#52
Chlorobenzene
Concen: 30.150 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

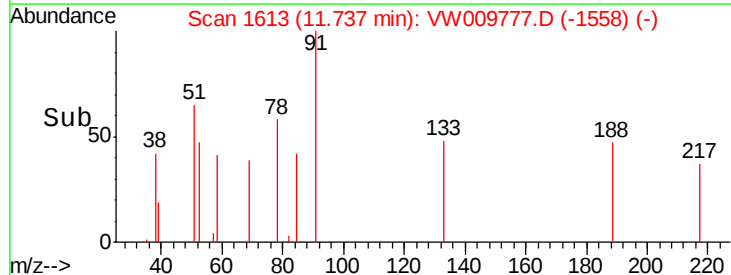
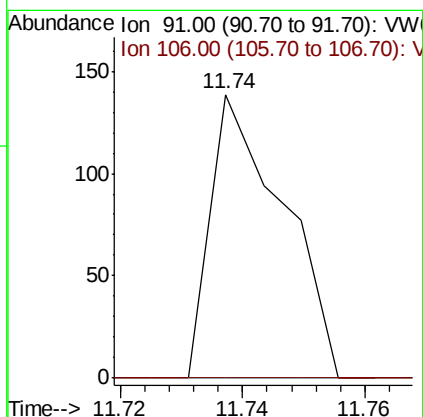
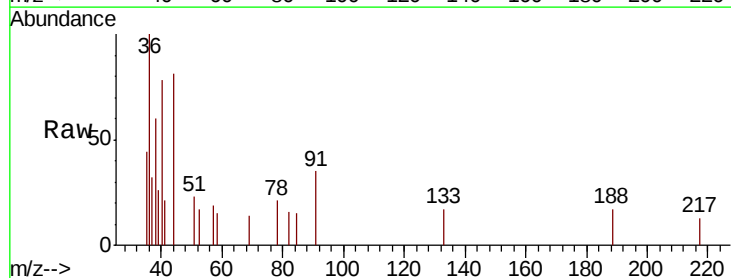
Instrument :
MSVOA_W
ClientSampleId :
BF2R7

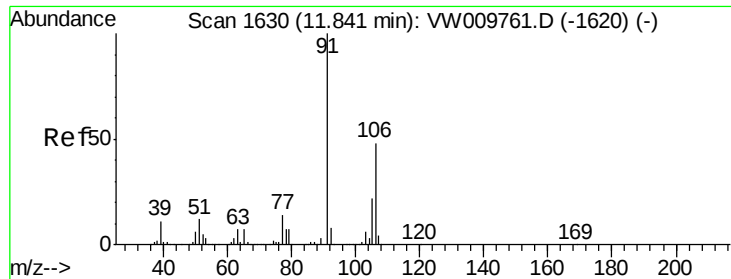
Tgt Ion: 112 Resp: 898
Ion Ratio Lower Upper
112 100
77 70.0 48.2 72.2
114 44.0 23.0 42.6#



#53
Ethylbenzene
Concen: 2.144 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW009777.D
Acq: 06 Apr 2019 17:18

Tgt Ion: 91 Resp: 113
Ion Ratio Lower Upper
91 100
106 0.0 21.5 39.9#





#54

m,p-Xylene

Concen: 3.693 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

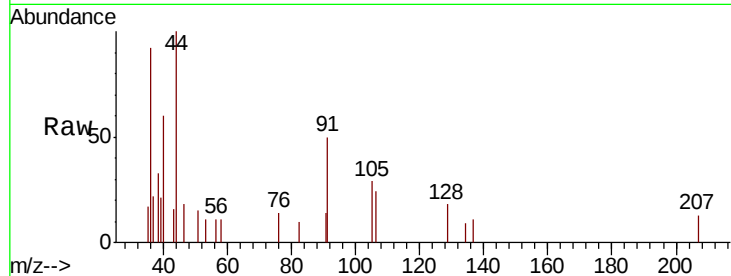
BF2R7

Tgt Ion:106 Resp: 72

Ion Ratio Lower Upper

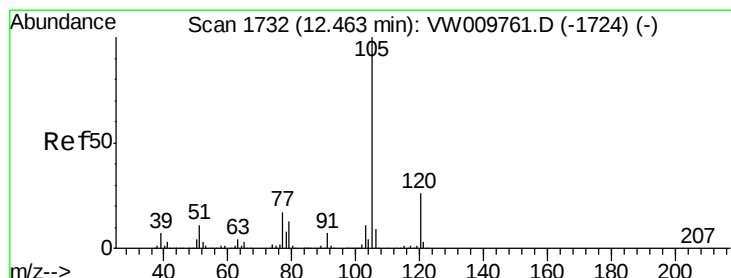
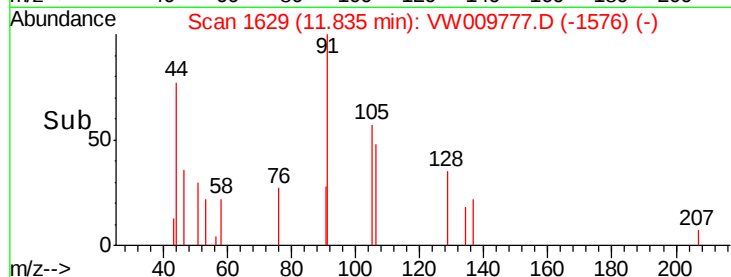
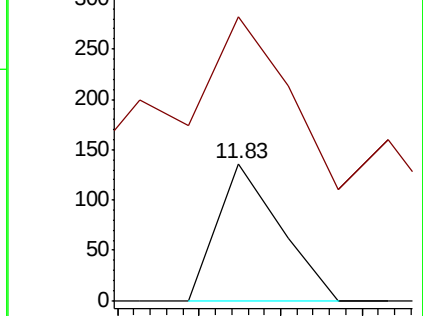
106 100

91 207.4 145.3 269.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#57

Isopropylbenzene

Concen: 0.865 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.30 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

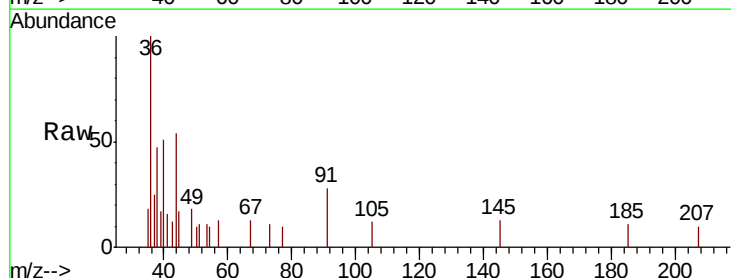
Tgt Ion:105 Resp: 44

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#

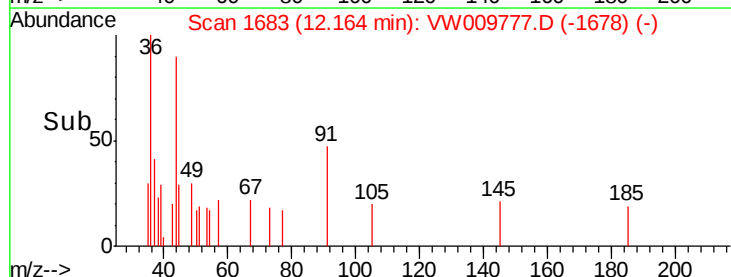
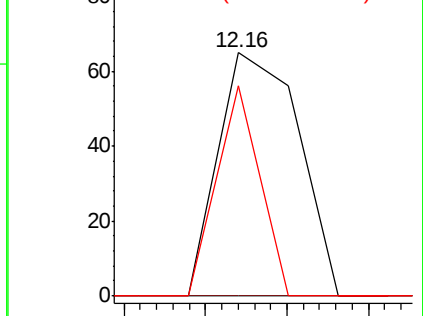
77 0.0 13.4 20.2#

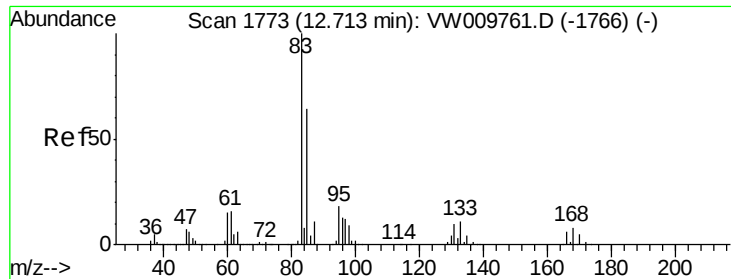


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

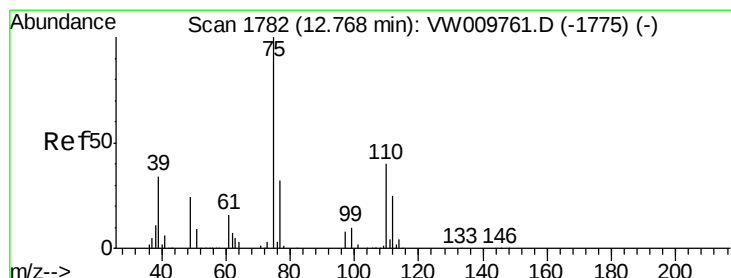
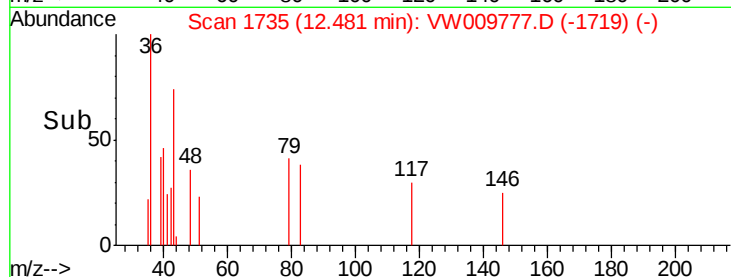
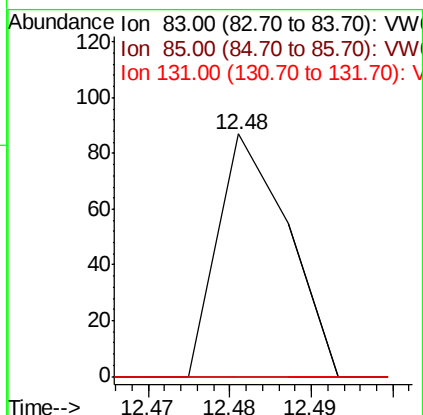
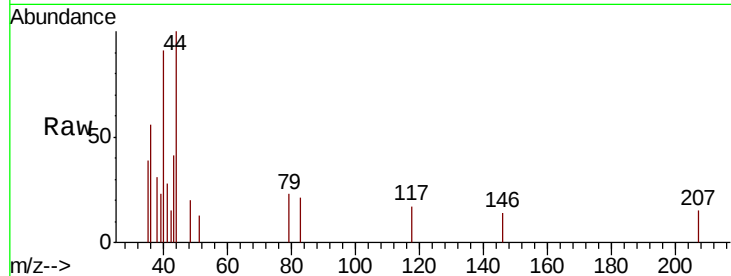




#58
 1,1,2,2-Tetrachloroethane
 Concen: 4.608 ug/L
 RT: 12.48 min Scan# 1735
 Delta R.T. -0.23 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

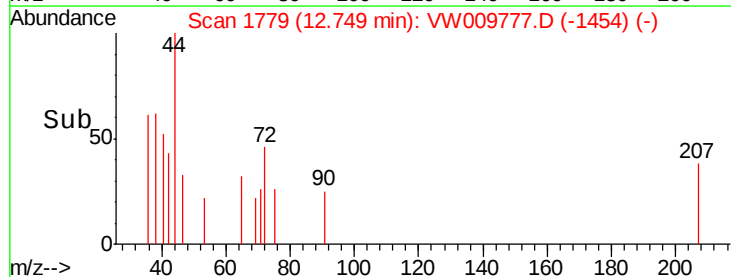
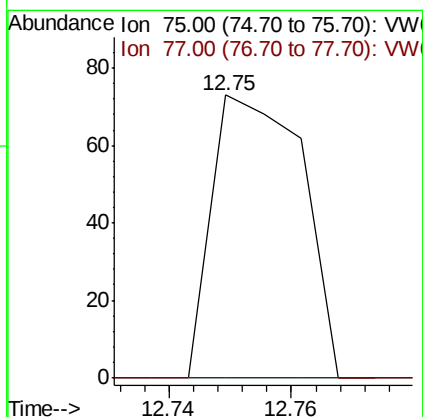
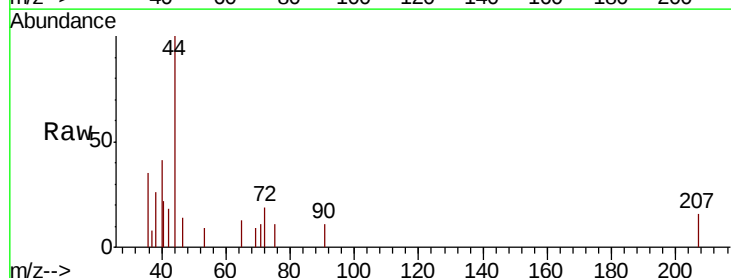
Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

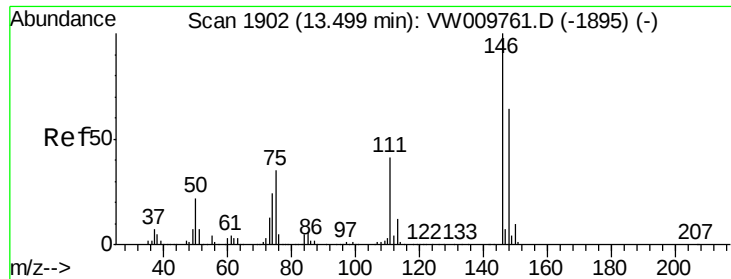
Tgt Ion: 83 Resp: 52
 Ion Ratio Lower Upper
 83 100
 85 0.0 44.9 83.3#
 131 0.0 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 8.809 ug/L
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion: 75 Resp: 74
 Ion Ratio Lower Upper
 75 100
 77 101.4 26.2 39.2#

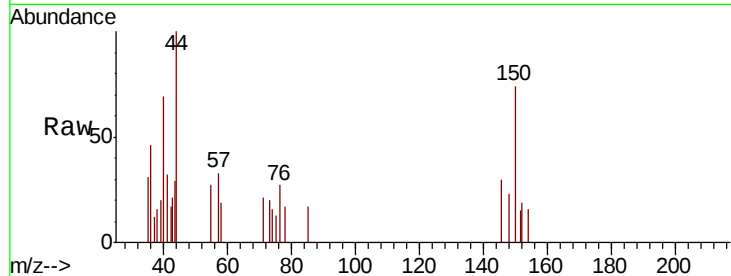




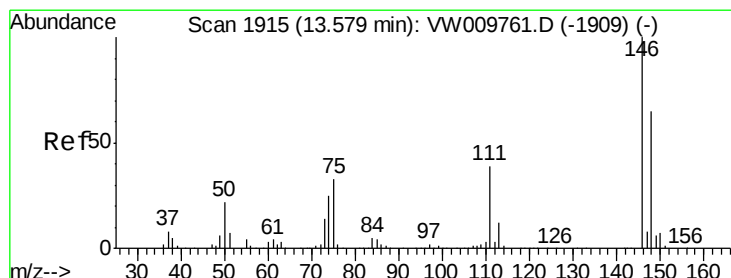
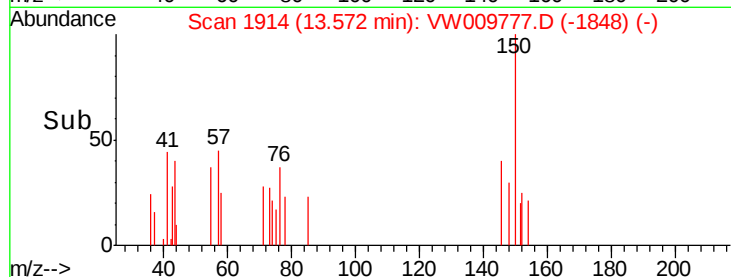
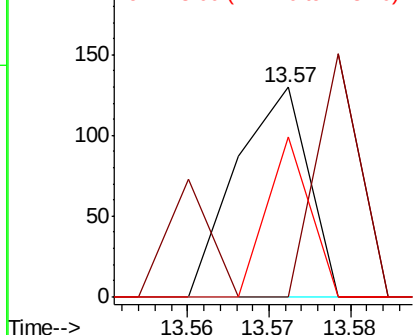
#63
 1,3-Dichlorobenzene
 Concen: 2.650 ug/L
 RT: 13.57 min Scan# 1914
 Delta R.T. 0.07 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Instrument :
 MSVOA_W
 ClientSampled :
 BF2R7

Tgt Ion:146 Resp: 79
 Ion Ratio Lower Upper
 146 100
 111 0.0 28.1 52.3#
 148 76.2 44.3 82.3

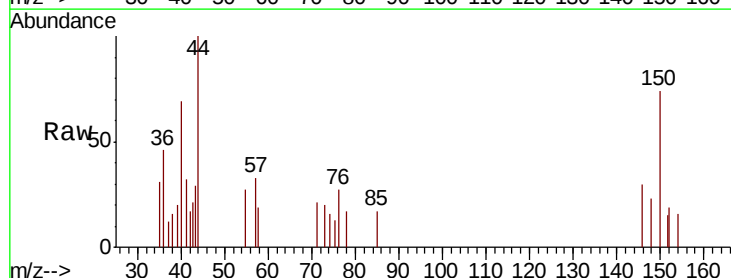


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

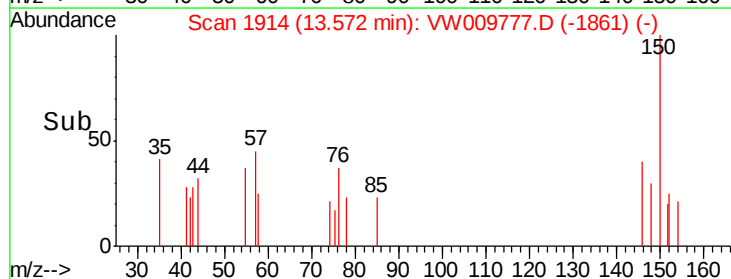
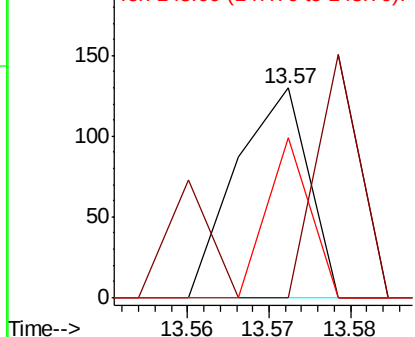


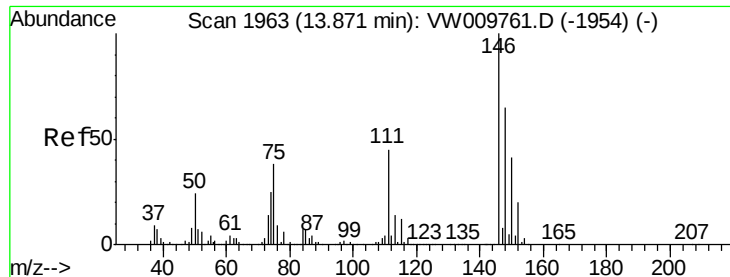
#64
 1,4-Dichlorobenzene
 Concen: 2.485 ug/L
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Tgt Ion:146 Resp: 79
 Ion Ratio Lower Upper
 146 100
 111 0.0 27.4 50.8#
 148 76.2 43.8 81.3



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





#65

1,2-Dichlorobenzene

Concen: 2.769 ug/L

RT: 13.57 min Scan# 1914

Delta R.T. -0.30 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

BF2R7

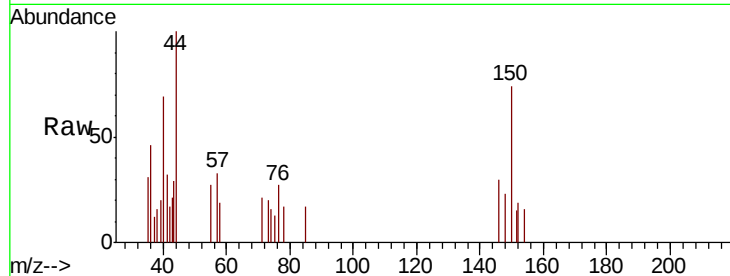
Tgt Ion:146 Resp: 79

Ion Ratio Lower Upper

146 100

111 0.0 32.4 48.6#

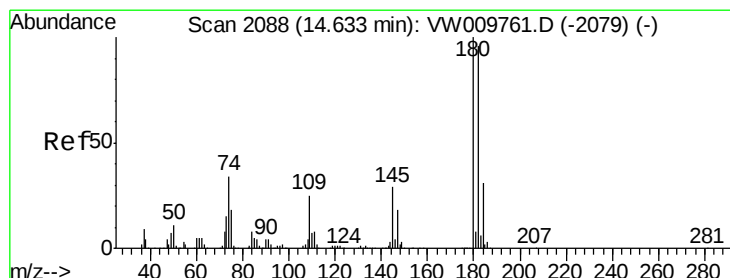
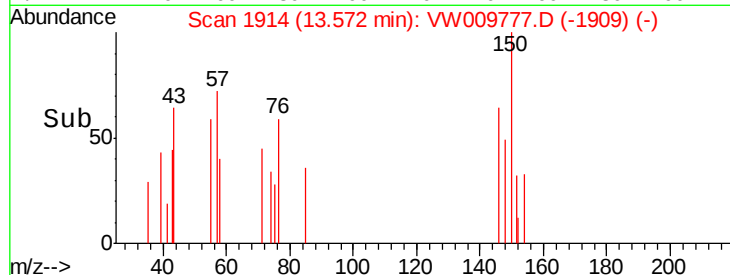
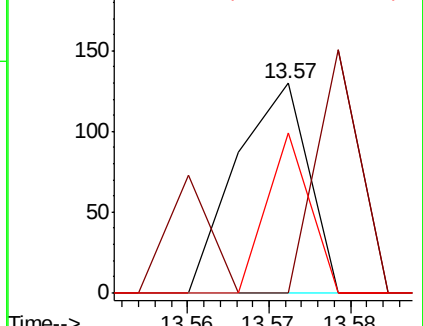
148 76.2 50.5 75.7#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 1.989 ug/L

RT: 15.57 min Scan# 2242

Delta R.T. 0.94 min

Lab File: VW009777.D

Acq: 06 Apr 2019 17:18

Tgt Ion:180 Resp: 44

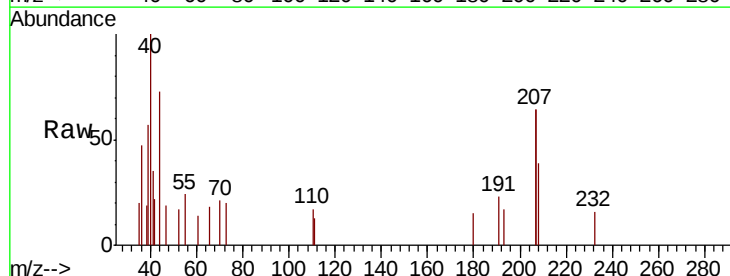
Ion Ratio Lower Upper

180 100

182 0.0 75.8 113.6#

184 0.0 24.7 37.1#

145 0.0 24.5 36.7#

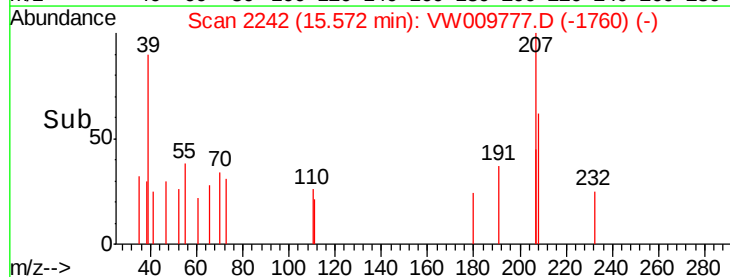
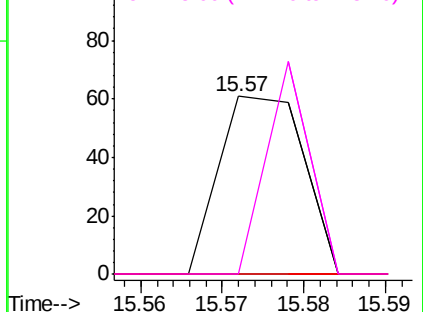


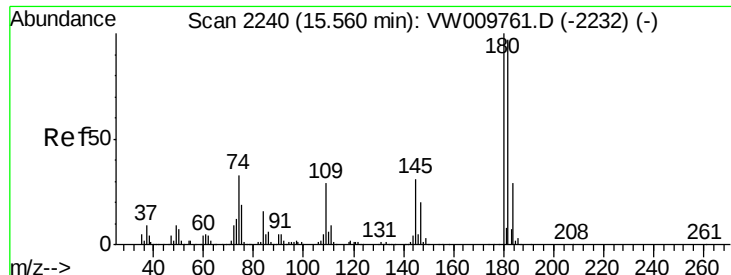
Abundance Ion 180.00 (179.70 to 180.70): V

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

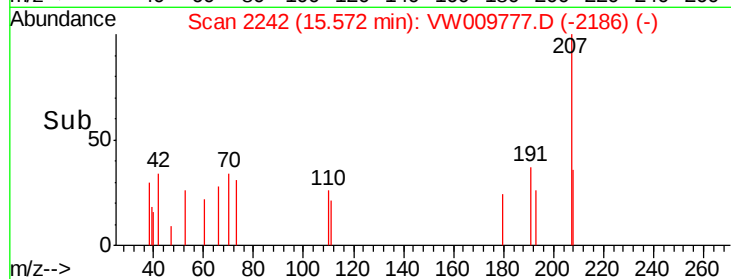
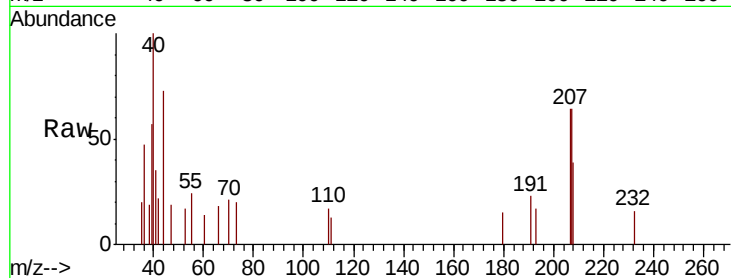




#70
 1,2,3-Trichlorobenzene
 Concen: 2.647 ug/L
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW009777.D
 Acq: 06 Apr 2019 17:18

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R7

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.0	112.4#
145	0.0	25.8	38.6#



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

