

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009373.D
 Acq On : 23 Mar 2019 04:49
 Operator : SY/VA
 Sample : K2031-17
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S7

Quant Time: Mar 23 06:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.62	117	199	25.00	ug/L	-0.01
60) 1,4-Dichlorobenzene-d4	13.85	152	34	25.00	ug/L	0.29

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	256	81.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	327.08%#
7) Chloroethane-d5	2.89	69	501	136.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	547.04%#
10) 1,1-Dichloroethene-d2	4.01	63	151	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.24%
20) 2-Butanone-d5	7.07	46	93	71.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.66%#
24) Chloroform-d	7.65	84	894	125.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	500.16%#
26) 1,2-Dichloroethane-d4	8.30	65	89	20.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.64%
29) Benzene-d6	8.27	84	1043	95.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	380.16%#
33) 1,2-Dichloropropane-d6	9.27	67	466	141.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	565.48%#
37) Toluene-d8	10.32	98	563	55.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	221.92%#
38) trans-1,3-Dichloropropene-	10.60	79	60	36.24	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	144.96%#
39) 2-Hexanone-d5	10.85	63	41	51.36	ug/L	-0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	292	89.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	359.80%#
61) 1,2-Dichlorobenzene-d4	13.86	152	81	62.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	248.52%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.95	85	56	16.225	ug/L #	47
3) Chloromethane	2.35	50	86	23.485	ug/L	89
5) Vinyl chloride	2.48	62	67	17.776	ug/L #	42
12) 1,1-Dichloroethene	3.96	96	76	23.556	ug/L #	1
13) Acetone	4.14	43	265	249.572	ug/L	96
14) Carbon disulfide	4.30	76	43	4.952	ug/L #	75
15) Methyl Acetate	4.68	43	22	10.547	ug/L #	55
16) Methylene chloride	4.93	84	87	22.771	ug/L #	1
17) Methyl tert-butyl Ether	5.42	73	150	32.858	ug/L #	67
18) trans-1,2-Dichloroethene	5.31	96	51	15.035	ug/L #	33
19) 1,1-Dichloroethane	6.15	63	71	11.480	ug/L #	51
21) 2-Butanone	7.17	43	85	57.976	ug/L #	49
22) cis-1,2-Dichloroethene	7.13	96	52	14.151	ug/L #	1
25) Chloroform	7.85	83	57	8.800	ug/L #	17
27) 1,2-Dichloroethane	8.24	62	72	14.910	ug/L #	75
30) Cyclohexane	7.99	56	59	13.055	ug/L #	73
31) 1,1,1-Trichloroethane	7.88	97	78	19.625	ug/L #	45

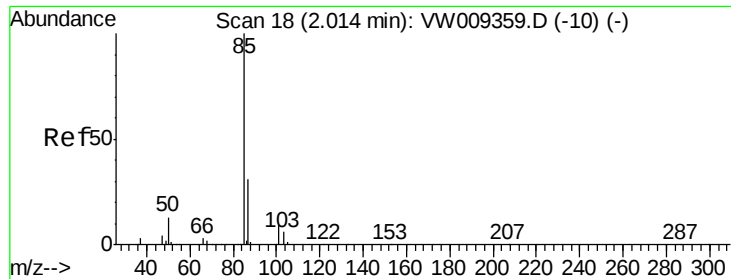
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) Carbon tetrachloride	8.04	117	81	20.199	ug/L #	64
34) Benzene	8.18	78	23	2.112	ug/L	100
35) Trichloroethene	9.31	95	46	15.849	ug/L #	4
40) 1,2-Dichloropropane	9.40	63	26	9.302	ug/L #	85
42) cis-1,3-Dichloropropene	10.36	75	22	4.833	ug/L #	44
43) 4-Methyl-2-pentanone	10.19	43	43	16.978	ug/L #	47
44) Toluene	10.18	91	56	4.702	ug/L #	23
45) trans-1,3-Dichloropropene	10.52	75	51	12.879	ug/L #	43
47) Tetrachloroethene	10.87	164	48	19.573	ug/L #	1
49) 2-Hexanone	10.93	43	43	24.106	ug/L #	7
50) Dibromochloromethane	11.18	129	71	25.793	ug/L #	9
52) Chlorobenzene	11.57	112	45	5.891	ug/L #	30
53) Ethylbenzene	11.56	91	46	3.436	ug/L #	45
57) Isopropylbenzene	12.64	105	57	4.288	ug/L #	33
58) 1,1,2,2-Tetrachloroethane	12.80	83	54	17.951	ug/L #	25
59) 1,2,3-Trichloropropane	13.19	75	48	21.501	ug/L #	1
67) 1,3,5-Trichlorobenzene	14.55	180	55	34.799	ug/L #	19
69) Naphthalene	15.15	128	62	22.525	ug/L #	1

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



#2

Dichlorodifluoromethane

Concen: 16.225 ug/L

RT: 1.95 min Scan# 7

Delta R.T. -0.07 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

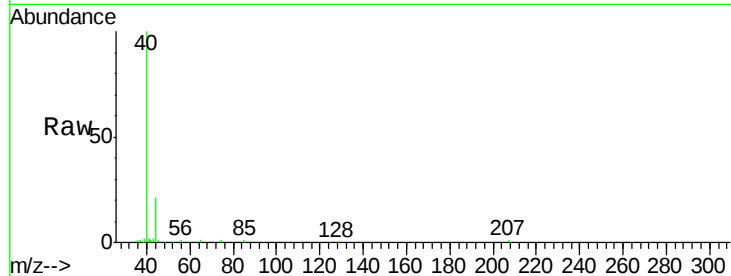
BF5S7

Tot Ion: 85 Resp: 56

Ion Ratio Lower Upper

85 100

87 0.0 19.5 36.3#



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

1.95

100

80

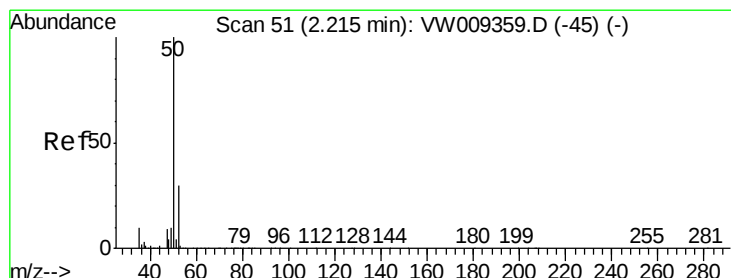
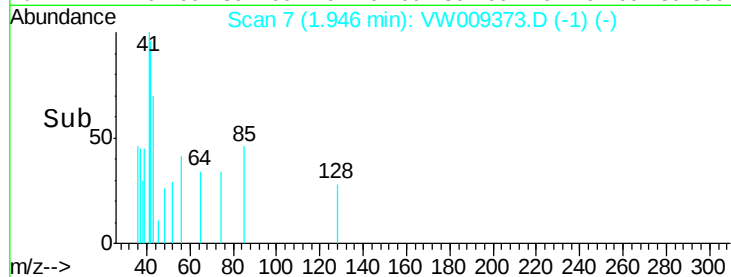
60

40

20

0

Time-->



#3

Chloromethane

Concen: 23.485 ug/L

RT: 2.35 min Scan# 74

Delta R.T. 0.14 min

Lab File: VW009373.D

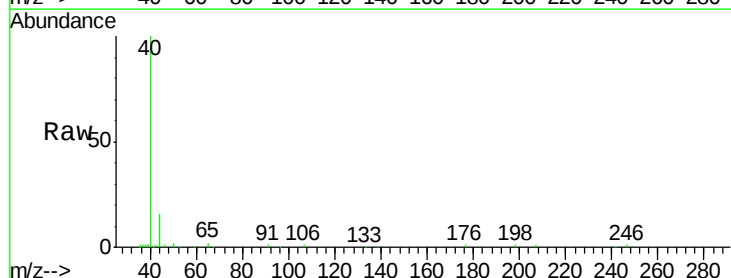
Acq: 23 Mar 2019 04:49

Tgt Ion: 50 Resp: 86

Ion Ratio Lower Upper

50 100

52 25.0 21.6 40.2



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

2.35

250

200

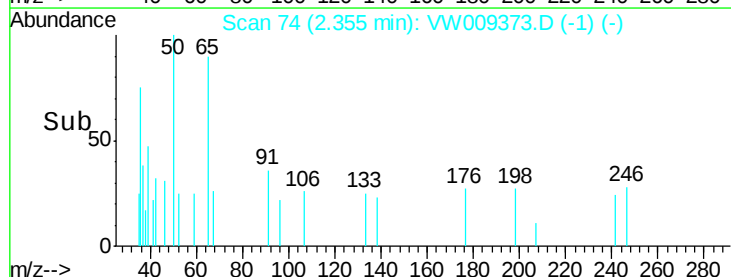
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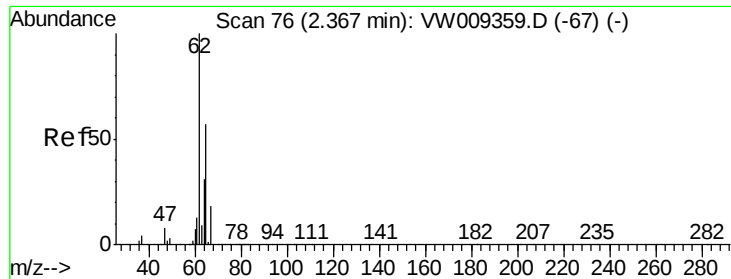
100

50

0

Time-->





#5

Vinyl chloride

Concen: 17.776 ug/L

RT: 2.48 min Scan# 94

Delta R.T. 0.11 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampled :

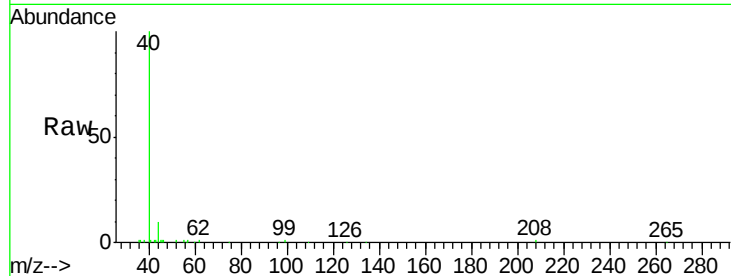
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Tot Ion: 62 Resp: 67

Ion Ratio Lower Upper

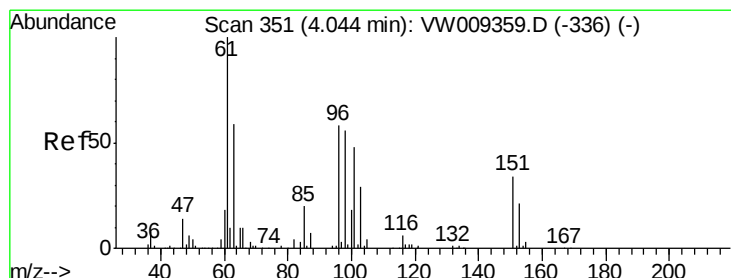
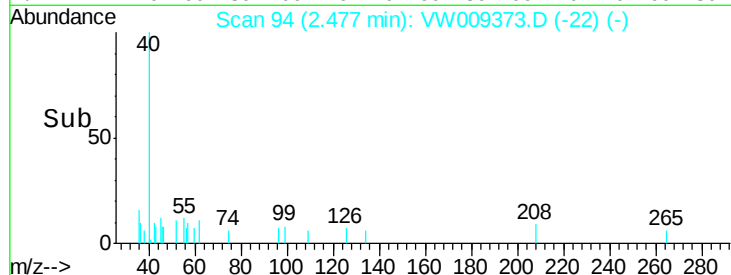
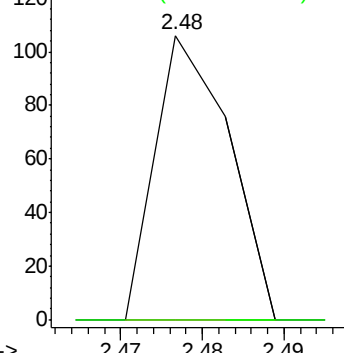
62 100

64 0.0 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#12

1,1-Dichloroethene

Concen: 23.556 ug/L

RT: 3.96 min Scan# 338

Delta R.T. -0.08 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

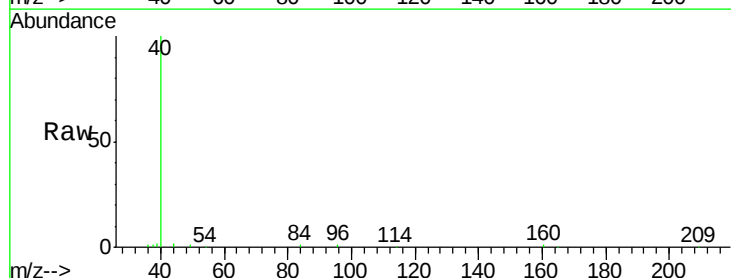
Tgt Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 129.4 240.2#

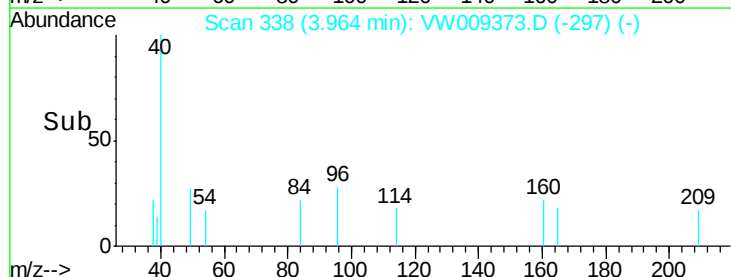
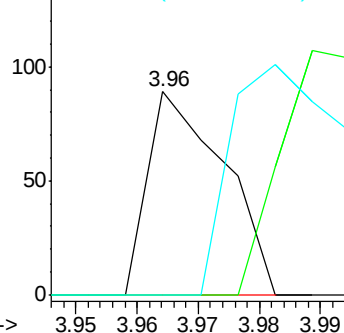
63 0.0 116.8 217.0#

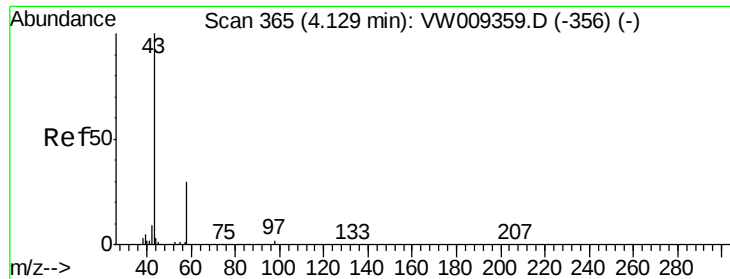


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 249.572 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

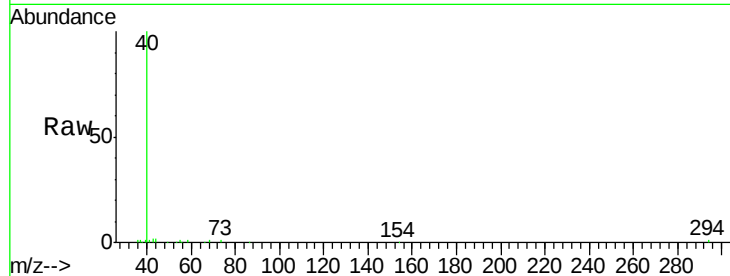
BF5S7

Tot Ion: 43 Resp: 265

Ion Ratio Lower Upper

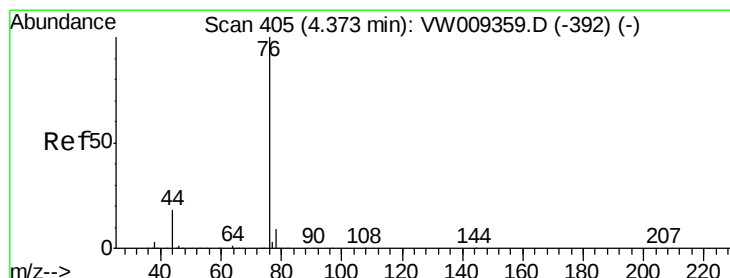
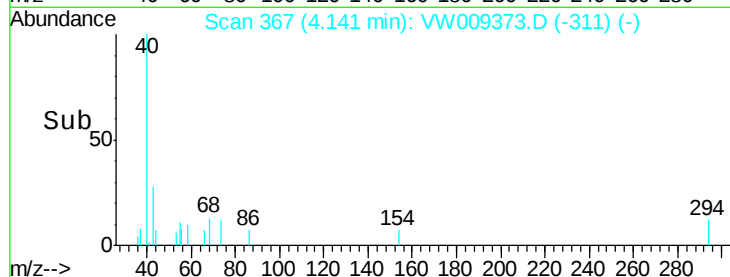
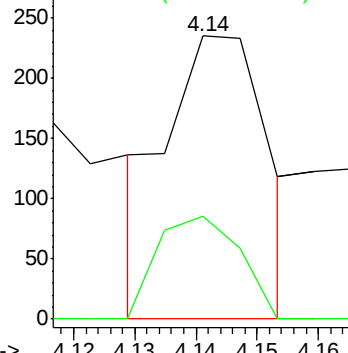
43 100

58 30.2 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 4.952 ug/L

RT: 4.30 min Scan# 393

Delta R.T. -0.07 min

Lab File: VW009373.D

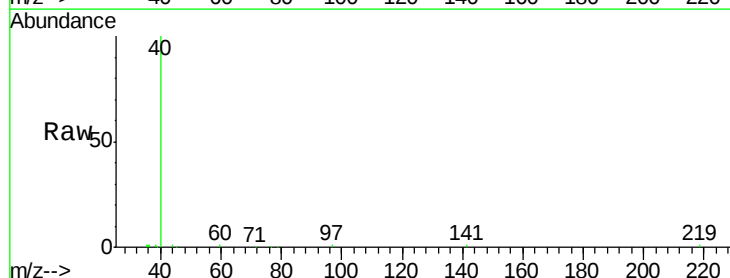
Acq: 23 Mar 2019 04:49

Tgt Ion: 76 Resp: 43

Ion Ratio Lower Upper

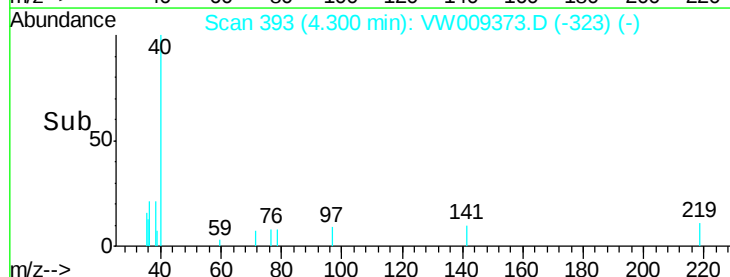
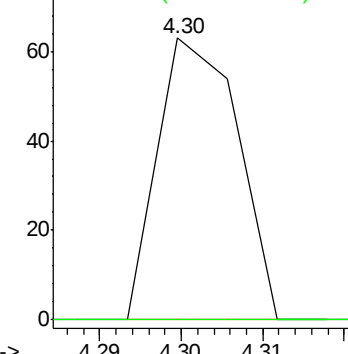
76 100

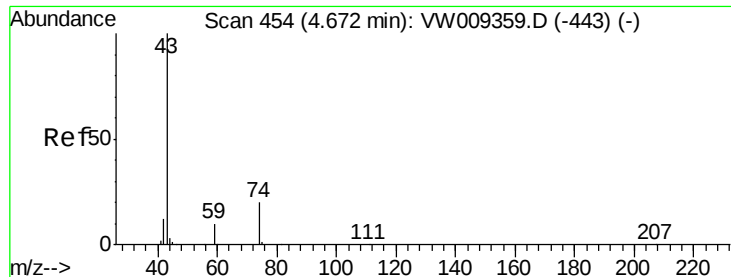
78 0.0 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

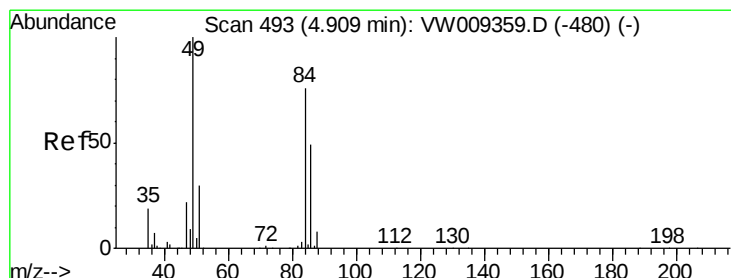
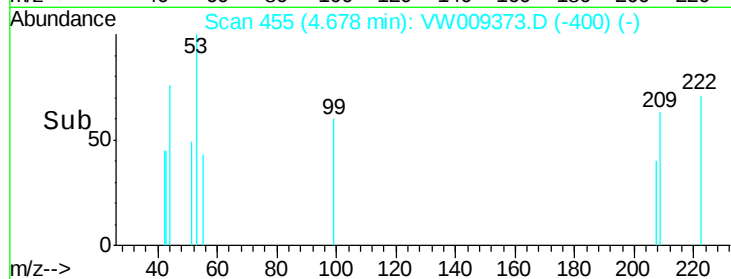
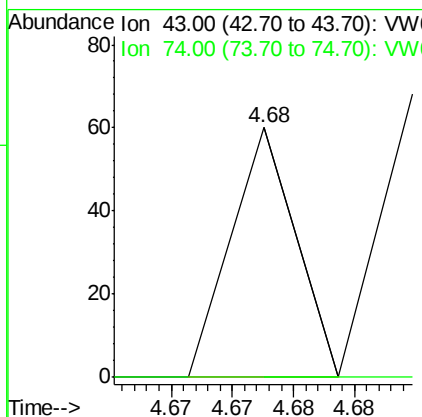
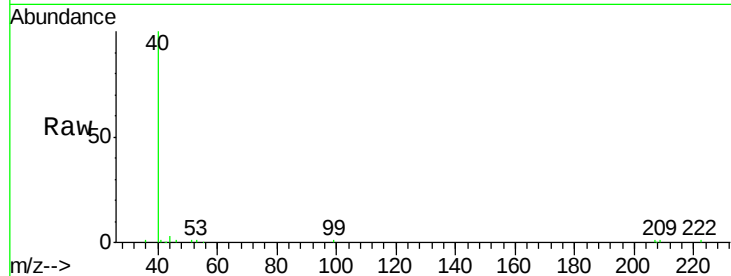




#15
Methyl Acetate
Concen: 10.547 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

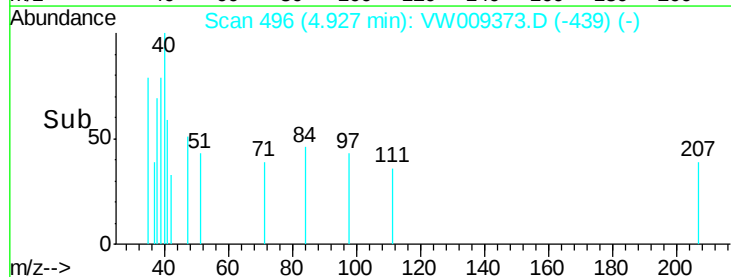
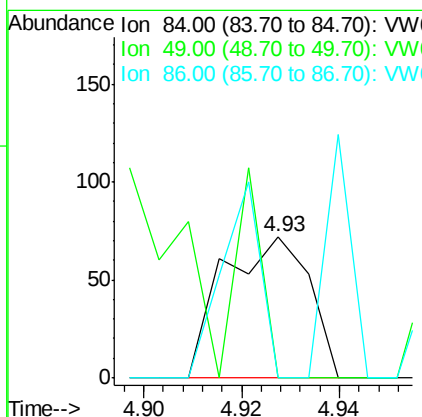
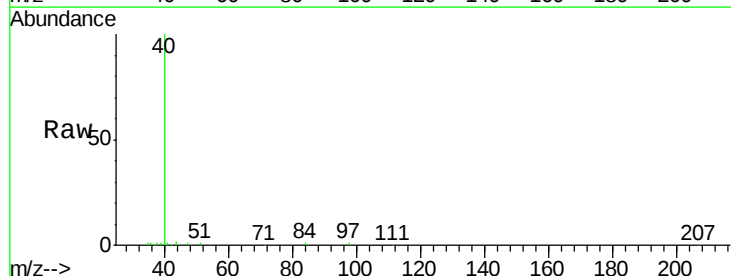
Instrument :
MSVOA_W
ClientSampled :
BF5S7

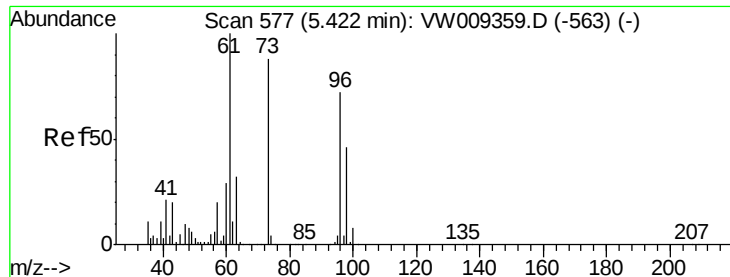
Tot Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#16
Methylene chloride
Concen: 22.771 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

Tgt Ion: 84 Resp: 87
Ion Ratio Lower Upper
84 100
49 0.0 96.0 178.2#
86 0.0 44.4 82.5#

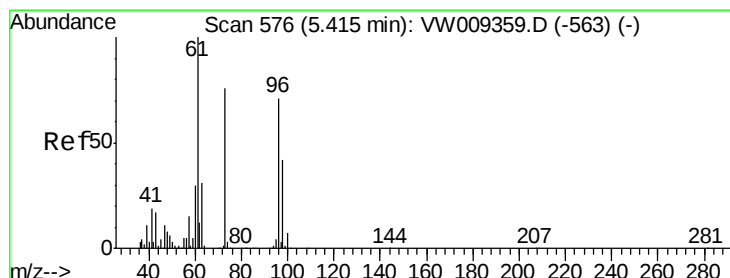
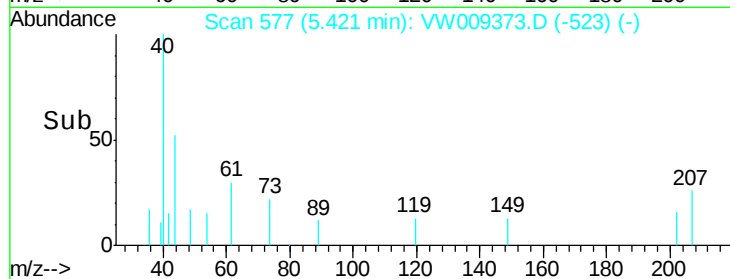
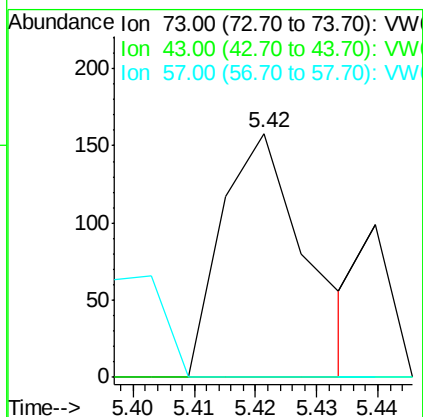
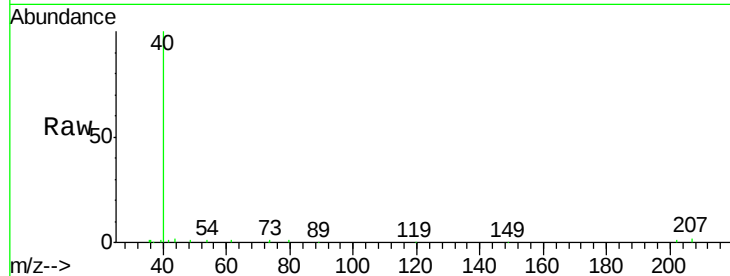




#17
Methvl tert-butvl Ether
Concen: 32.858 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

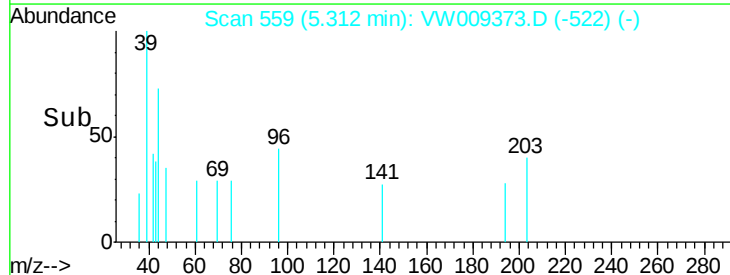
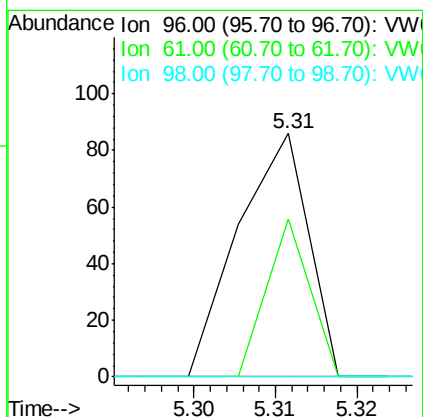
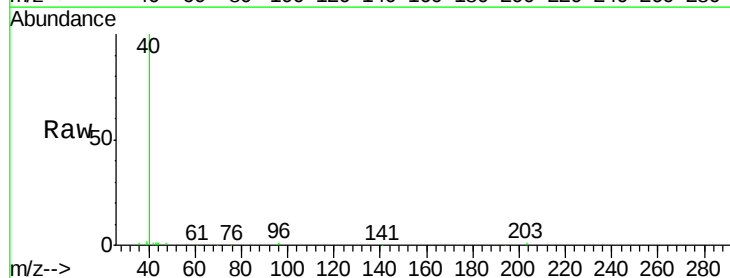
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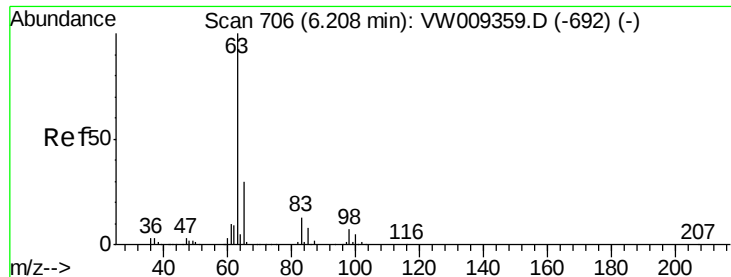
Tot Ion: 73 Resp: 150
Ion Ratio Lower Upper
73 100
43 0.0 18.2 27.4#
57 31.3 17.8 26.8#



#18
trans-1,2-Dichloroethene
Concen: 15.035 ug/L
RT: 5.31 min Scan# 559
Delta R.T. -0.10 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

Tgt Ion: 96 Resp: 51
Ion Ratio Lower Upper
96 100
61 65.1 96.7 179.5#
98 0.0 43.8 81.4#

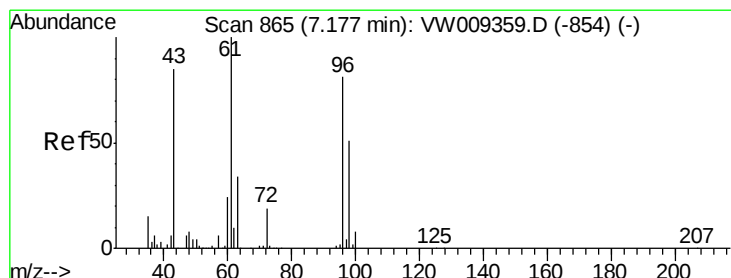
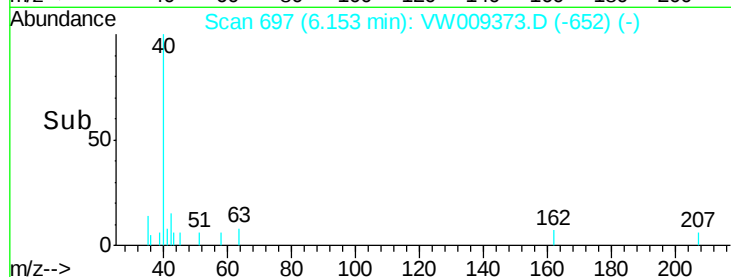
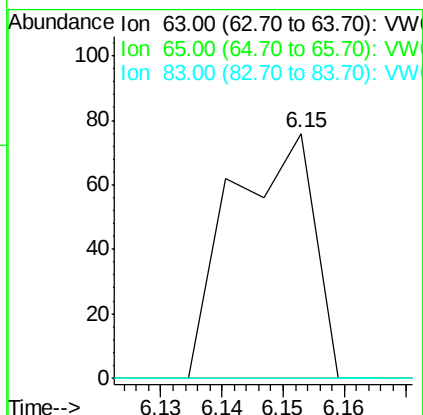
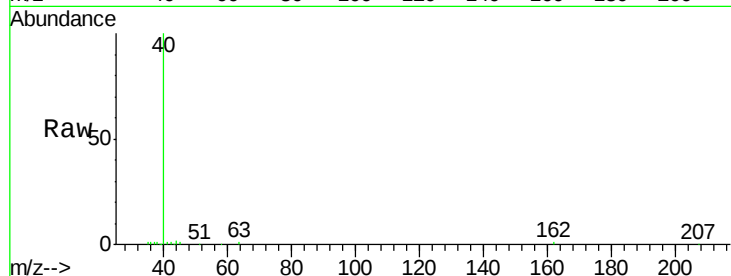




#19
 1,1-Dichloroethane
 Concen: 11.480 ug/L
 RT: 6.15 min Scan# 697
 Delta R.T. -0.06 min
 Lab File: VW009373.D
 Acq: 23 Mar 2019 04:49

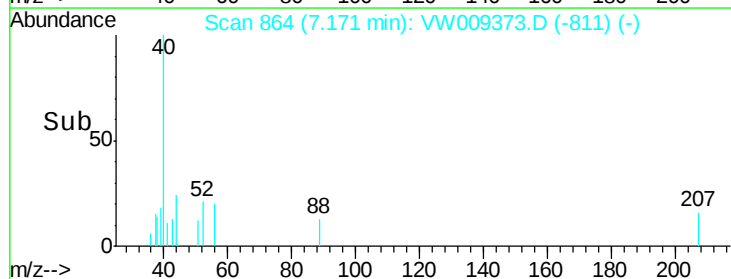
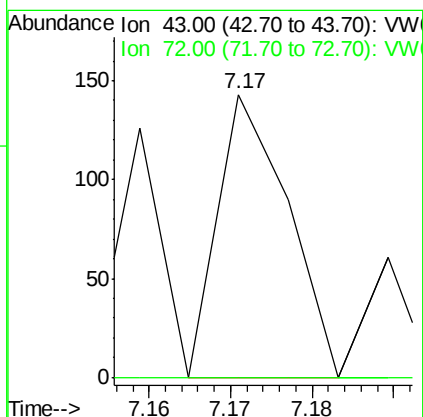
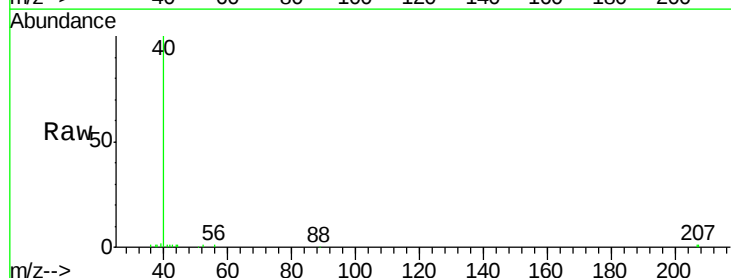
Instrument :
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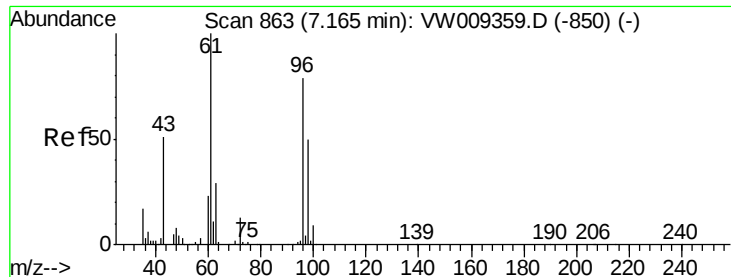
Tot Ion	Ratio	Lower	Upper
63	100		
65	0.0	21.6	40.0#
83	0.0	10.1	18.7#



#21
 2-Butanone
 Concen: 57.976 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW009373.D
 Acq: 23 Mar 2019 04:49

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.1	39.1#





#22

cis-1,2-Dichloroethene

Concen: 14.151 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

BF5S7

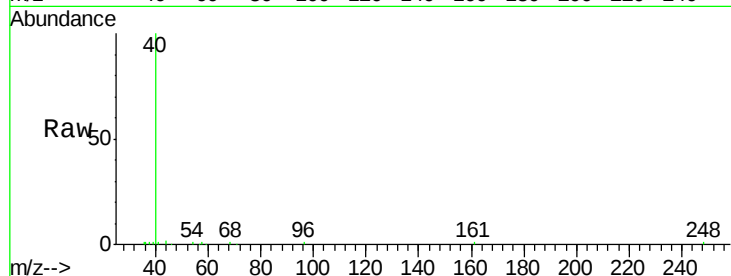
Tot Ion: 96 Resp: 52

Ion Ratio Lower Upper

96 100

61 0.0 90.6 168.3#

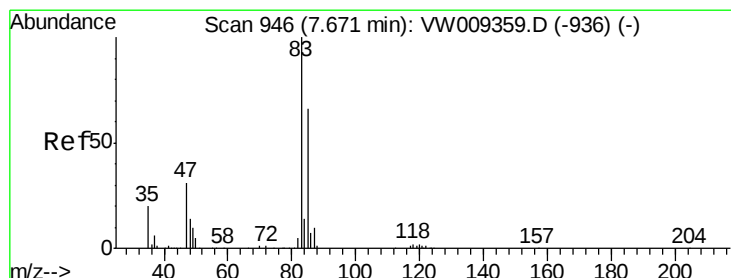
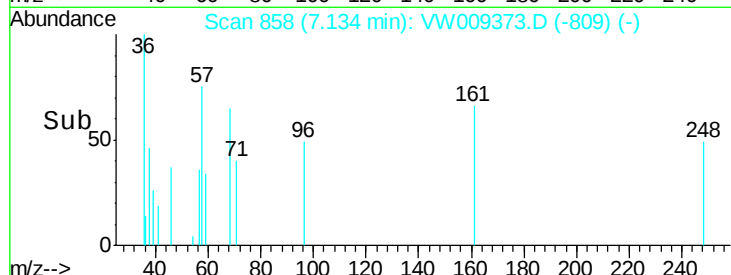
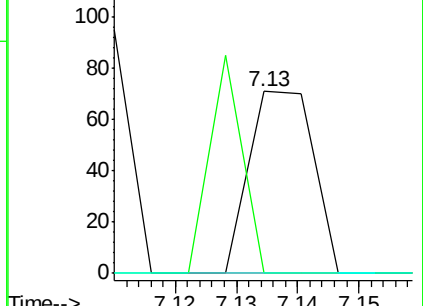
98 0.0 44.0 81.8#



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: 8.800 ug/L

RT: 7.85 min Scan# 975

Delta R.T. 0.18 min

Lab File: VW009373.D

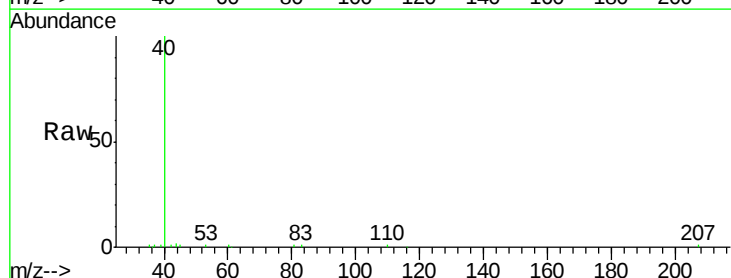
Acq: 23 Mar 2019 04:49

Tgt Ion: 83 Resp: 57

Ion Ratio Lower Upper

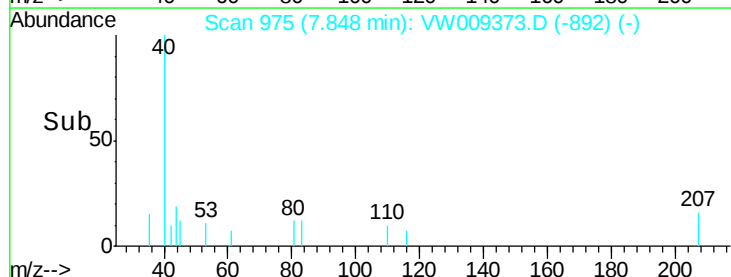
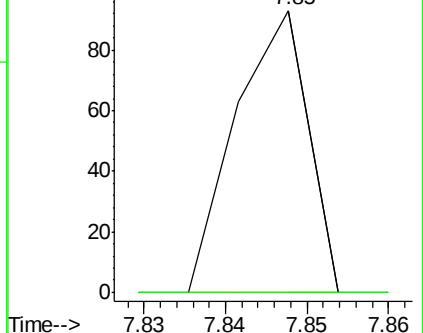
83 100

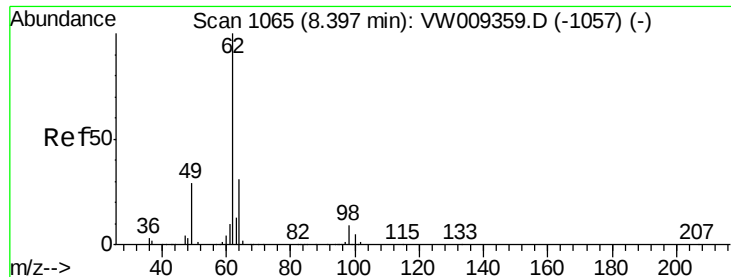
85 0.0 46.0 85.4#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW





#27

1,2-Dichloroethane

Concen: 14.910 ug/L

RT: 8.24 min Scan# 1039

Delta R.T. -0.16 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

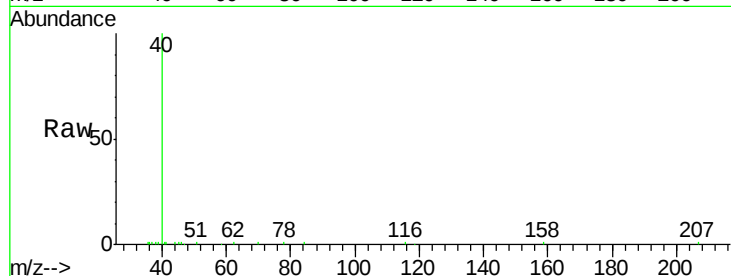
BF5S7

Tot Ion: 62 Resp: 72

Ion Ratio Lower Upper

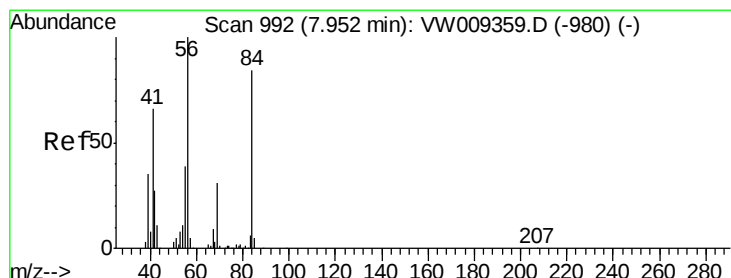
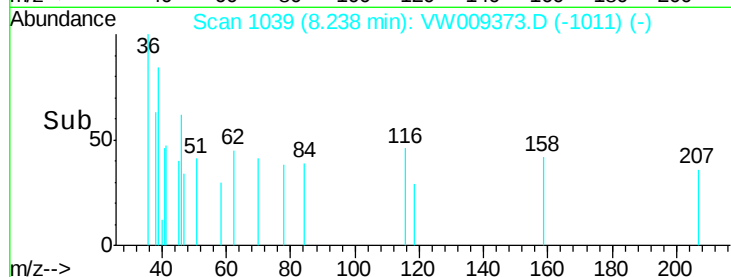
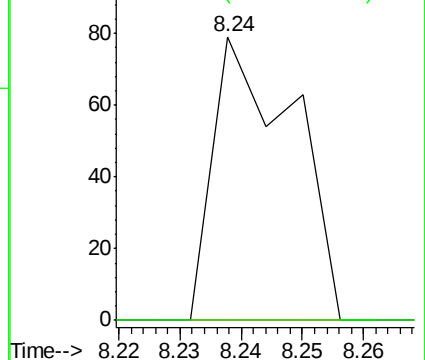
62 100

98 0.0 7.3 10.9#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW



#30

Cyclohexane

Concen: 13.055 ug/L

RT: 7.99 min Scan# 998

Delta R.T. 0.04 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

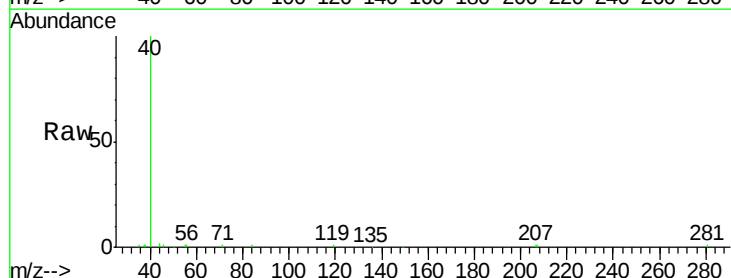
Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

69 74.6 24.0 36.0#

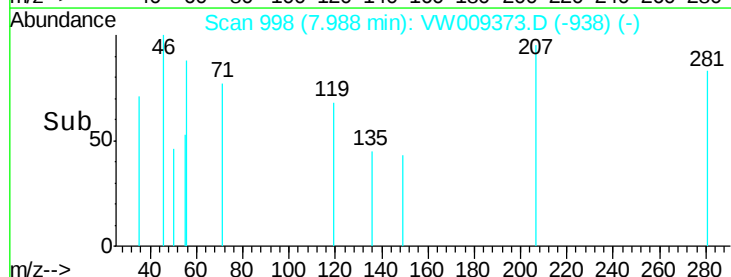
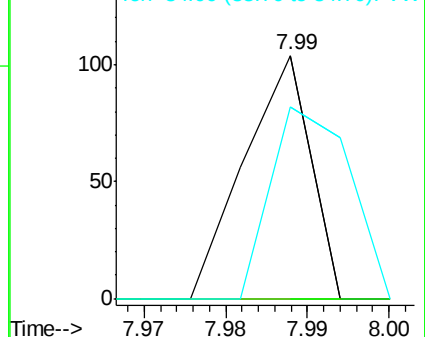
84 93.2 69.2 103.8

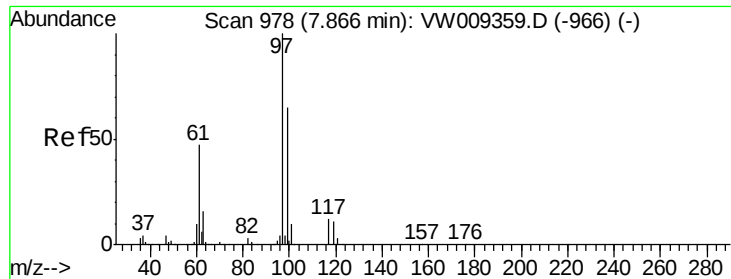


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#31

1,1,1-Trichloroethane

Concen: 19.625 ug/L

RT: 7.88 min Scan# 981

Delta R.T. 0.02 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

BF5S7

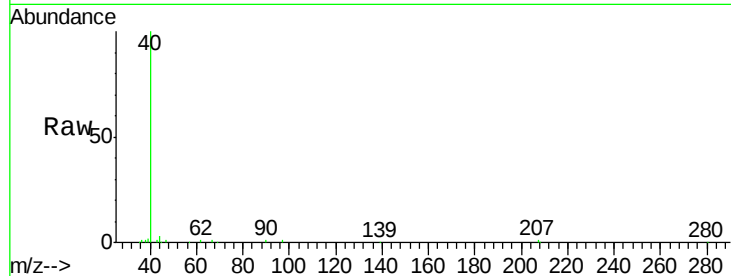
Tot Ion: 97 Resp: 78

Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

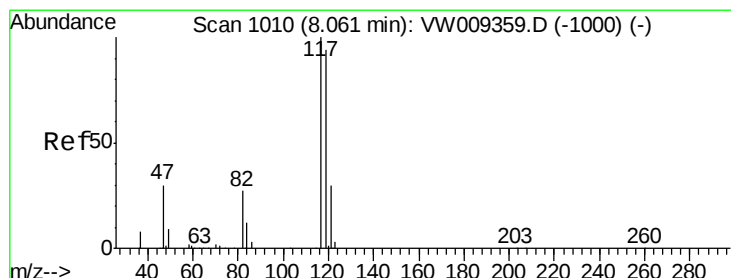
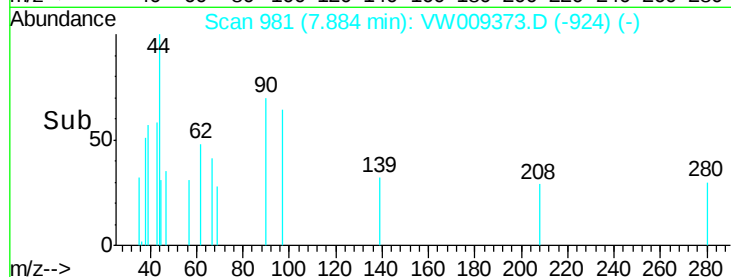
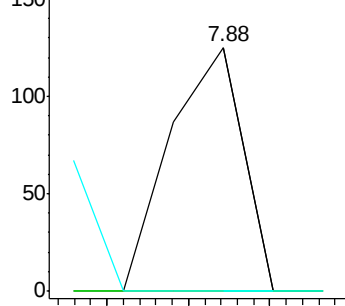
61 61.5 38.4 57.6#



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: 20.199 ug/L

RT: 8.04 min Scan# 1006

Delta R.T. -0.02 min

Lab File: VW009373.D

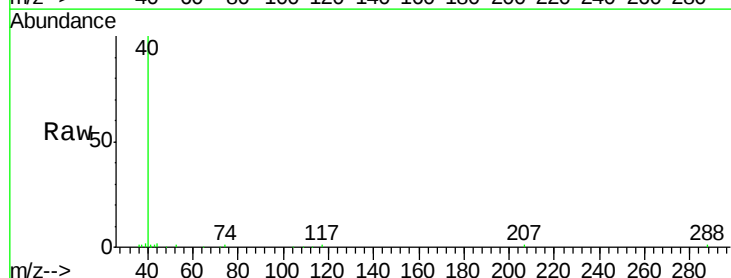
Acq: 23 Mar 2019 04:49

Tgt Ion: 117 Resp: 81

Ion Ratio Lower Upper

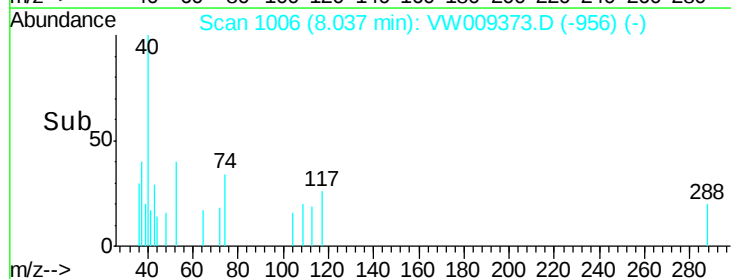
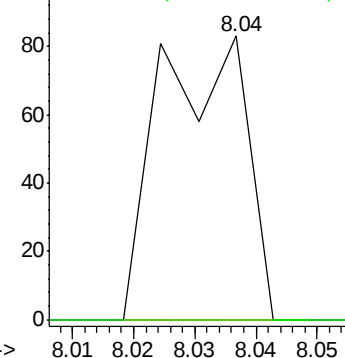
117 100

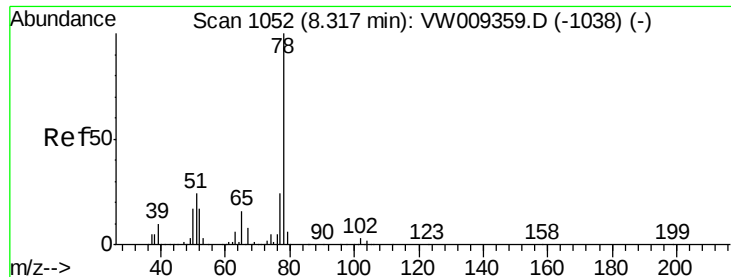
119 61.7 78.0 117.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V





#34

Benzene

Concen: 2.112 ug/L

RT: 8.18 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

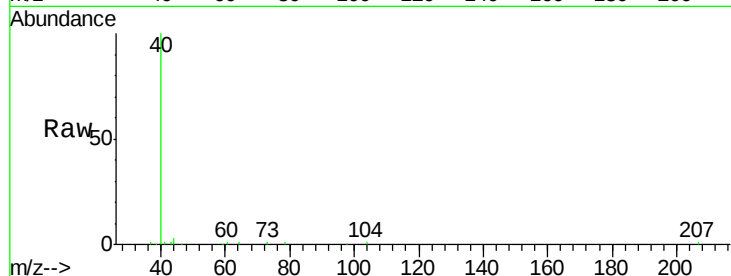
Instrument :

MSVOA_W

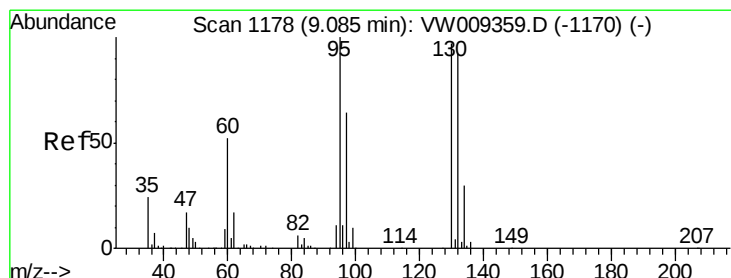
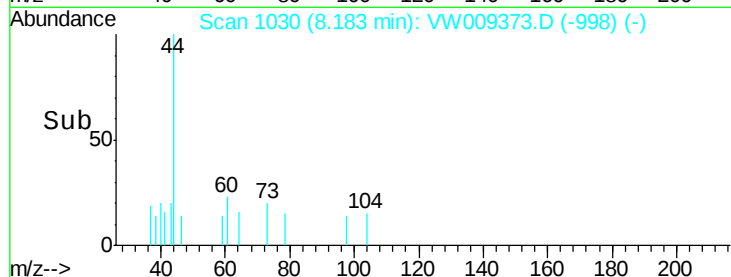
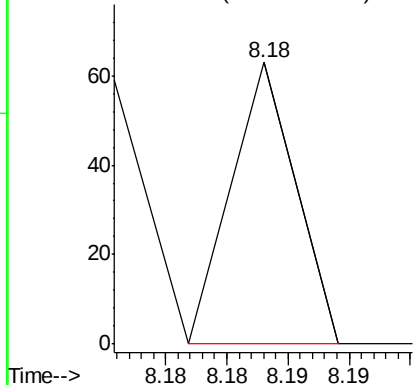
ClientSampleId :

BF5S7

Tgt Ion: 78 Resp: 23



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 15.849 ug/L

RT: 9.31 min Scan# 1215

Delta R.T. 0.23 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Tgt Ion: 95 Resp: 46

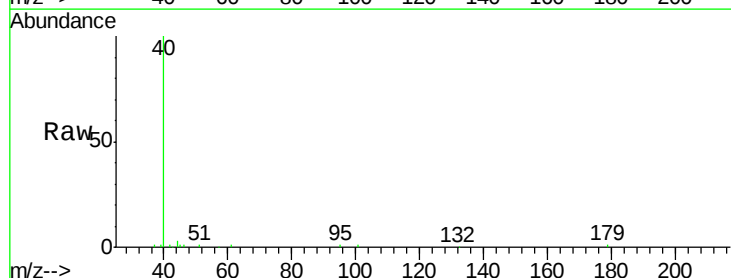
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

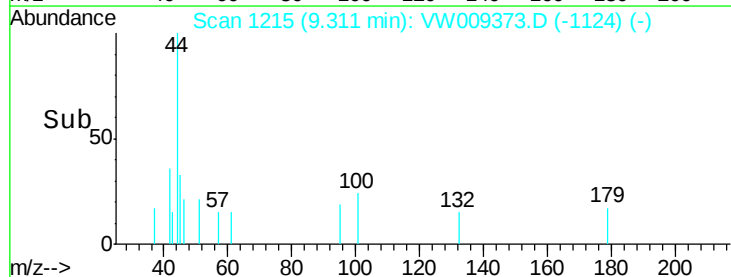
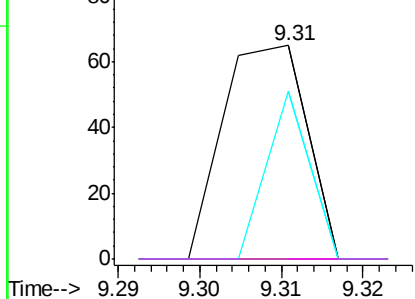


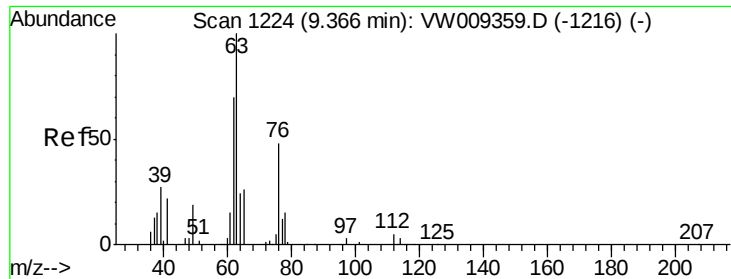
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#40

1,2-Dichloropropane

Concen: 9.302 ug/L

RT: 9.40 min Scan# 1230

Delta R.T. 0.04 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

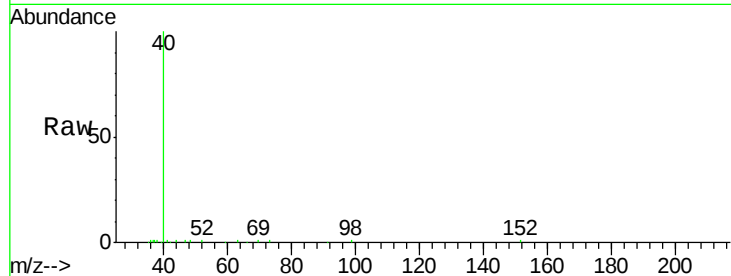
BF5S7

Tot Ion: 63 Resp: 26

Ion Ratio Lower Upper

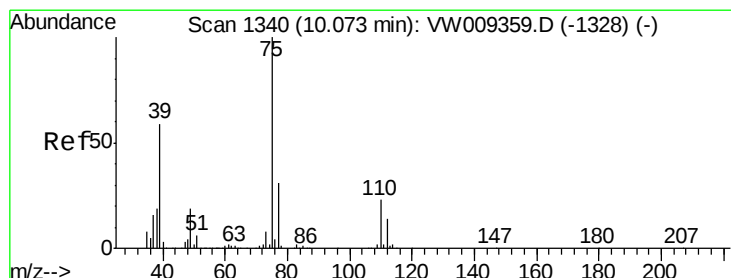
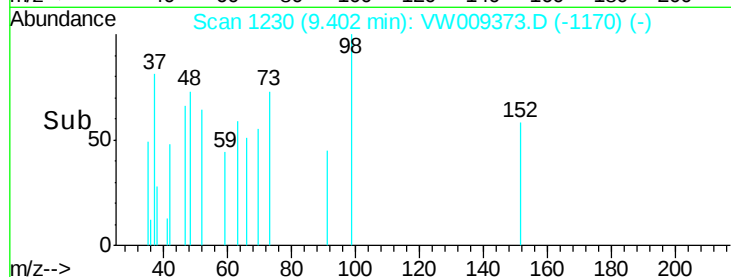
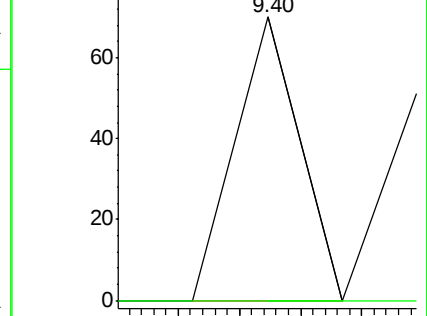
63 100

112 0.0 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 4.833 ug/L

RT: 10.36 min Scan# 1387

Delta R.T. 0.29 min

Lab File: VW009373.D

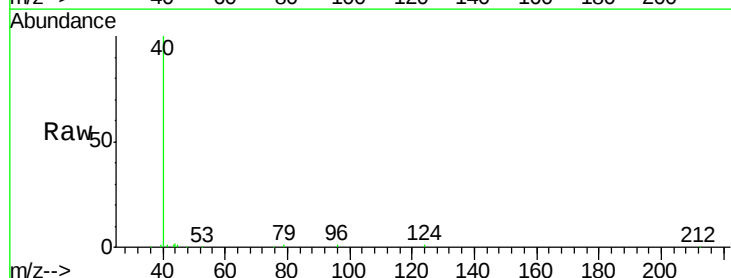
Acq: 23 Mar 2019 04:49

Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

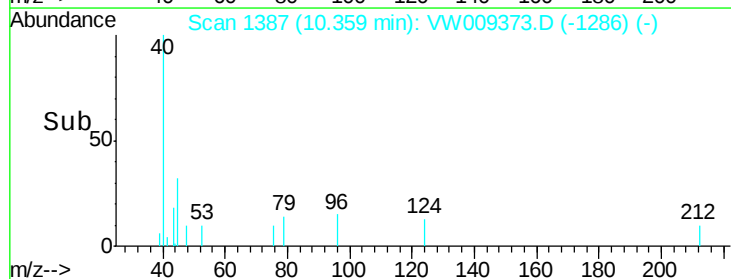
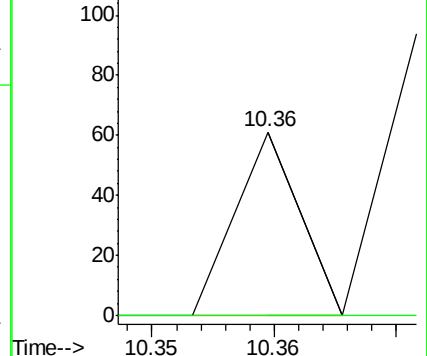
75 100

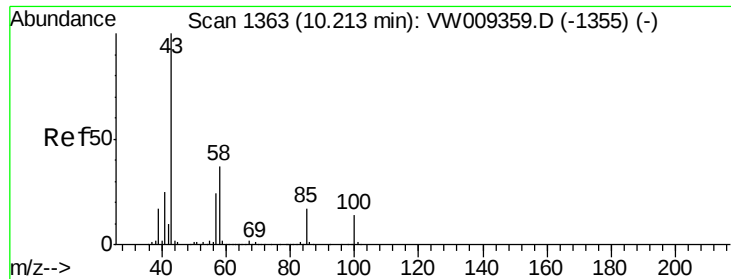
77 0.0 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

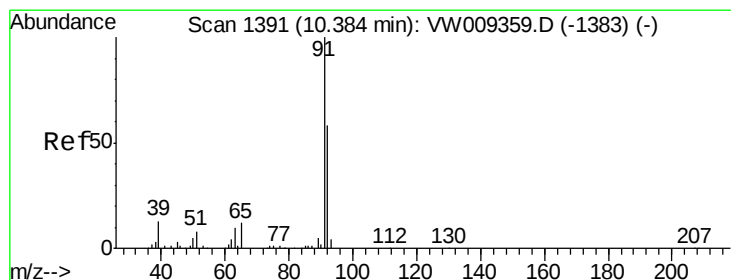
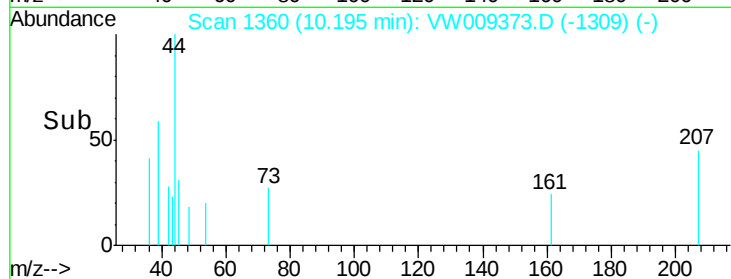
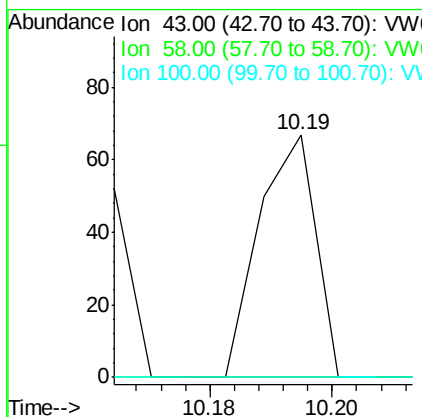
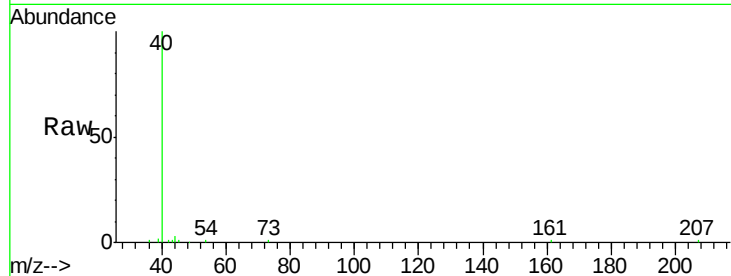




#43
4-Methyl-2-pentanone
Concen: 16.978 ug/L
RT: 10.19 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

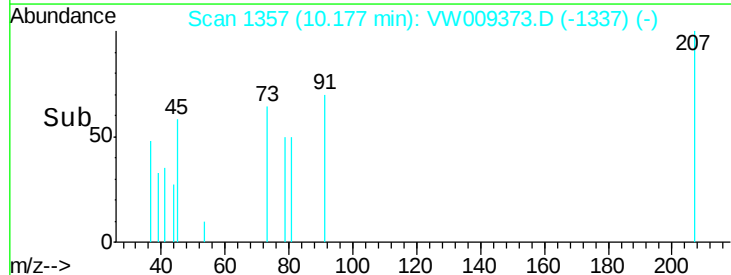
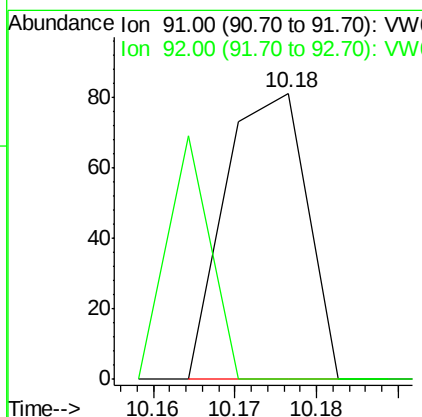
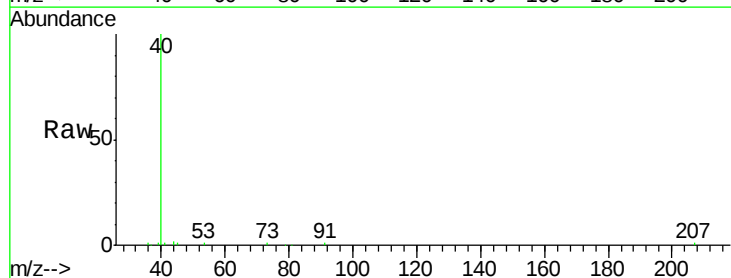
Instrument :
MSVOA_W
ClientSampleId :
BF5S7

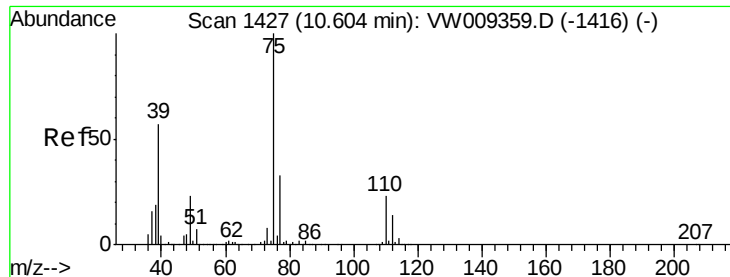
Tot Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#
100 0.0 11.4 17.2#



#44
Toluene
Concen: 4.702 ug/L
RT: 10.18 min Scan# 1357
Delta R.T. -0.21 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

Tgt Ion: 91 Resp: 56
Ion Ratio Lower Upper
91 100
92 0.0 39.8 73.8#





#45

trans-1,3-Dichloropropene

Concen: 12.879 ug/L

RT: 10.52 min Scan# 1414

Delta R.T. -0.08 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

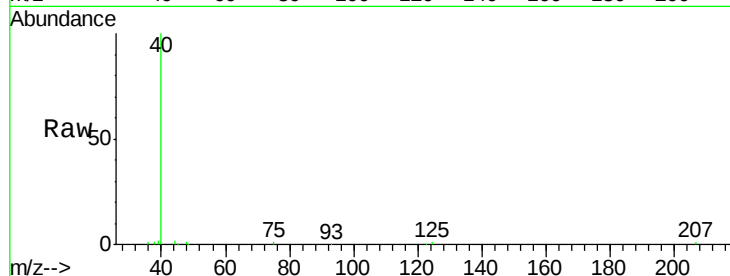
BF5S7

Tot Ion: 75 Resp: 51

Ion Ratio Lower Upper

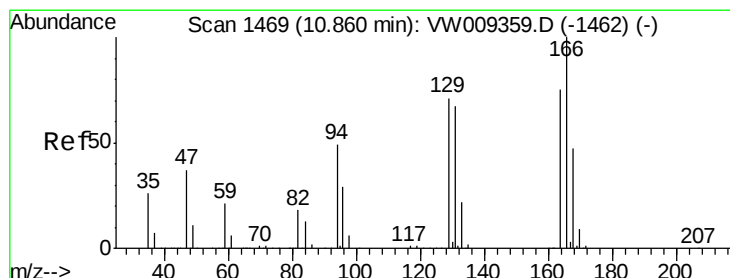
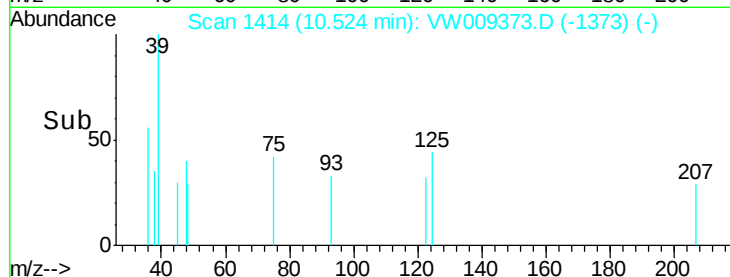
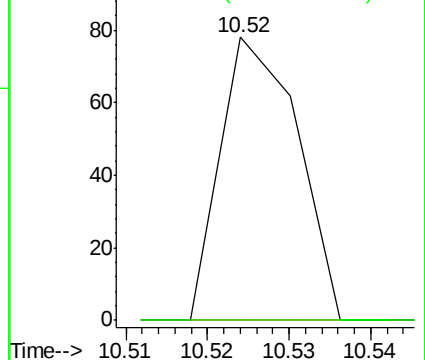
75 100

77 0.0 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 19.573 ug/L

RT: 10.87 min Scan# 1471

Delta R.T. 0.01 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Tgt Ion: 164 Resp: 48

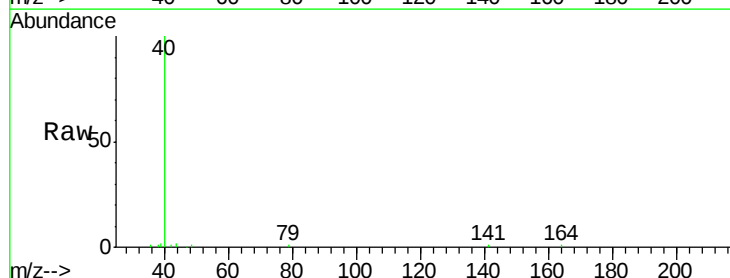
Ion Ratio Lower Upper

164 100

129 0.0 66.5 123.5#

131 0.0 62.6 116.3#

166 0.0 91.6 170.0#

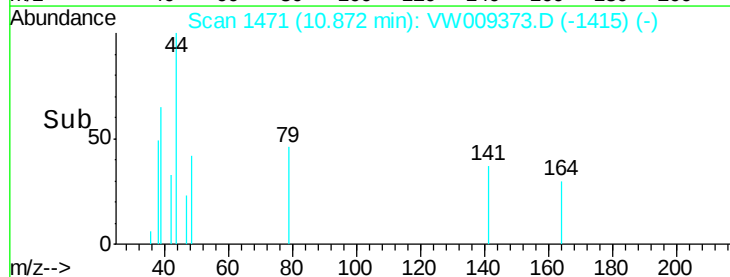
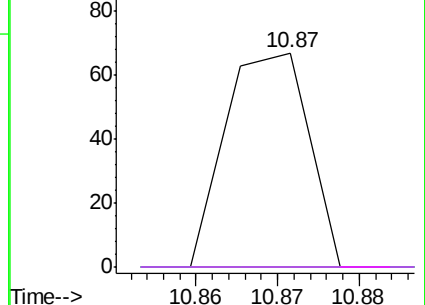


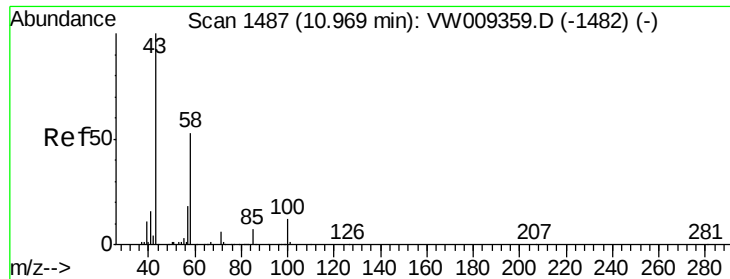
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

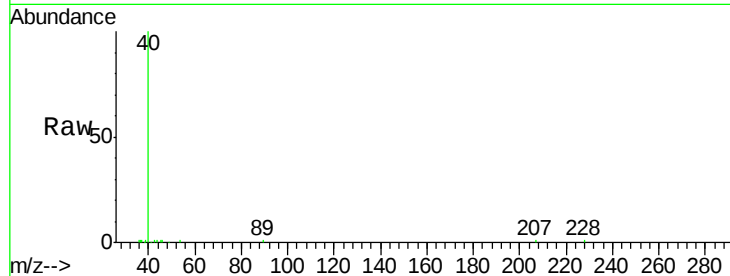




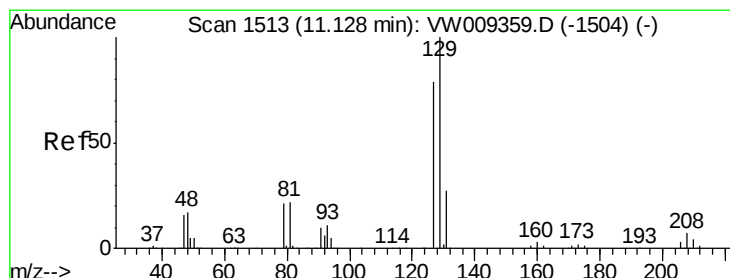
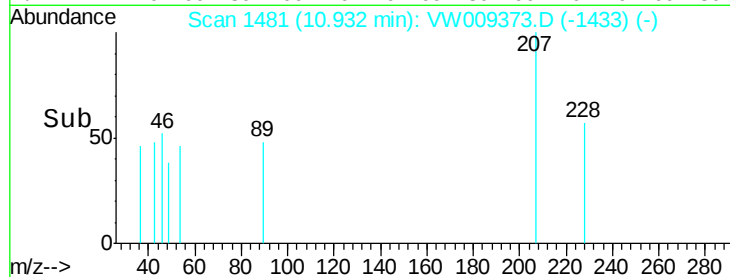
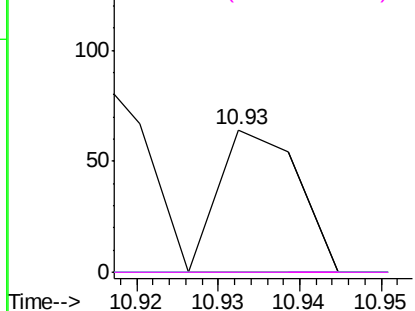
#49
2-Hexanone
Concen: 24.106 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

Instrument :
MSVOA_W
ClientSampleId :
BF5S7

Tot Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
58 104.7 39.2 58.8#
57 90.7 14.2 21.2#
100 0.0 8.9 13.3#

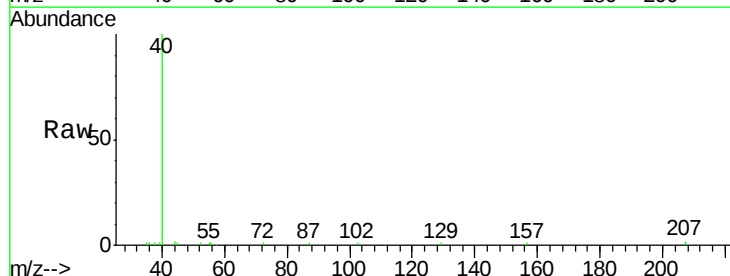


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

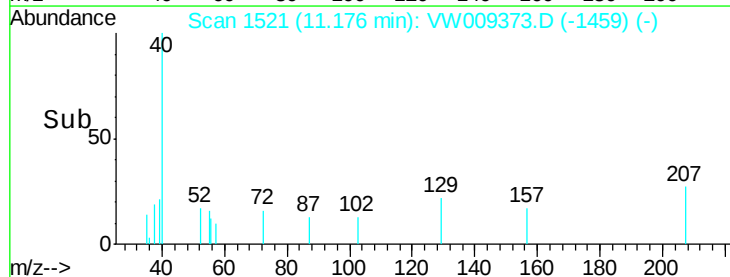
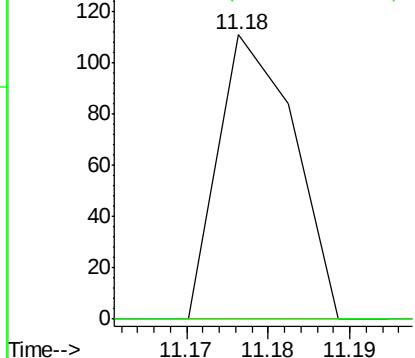


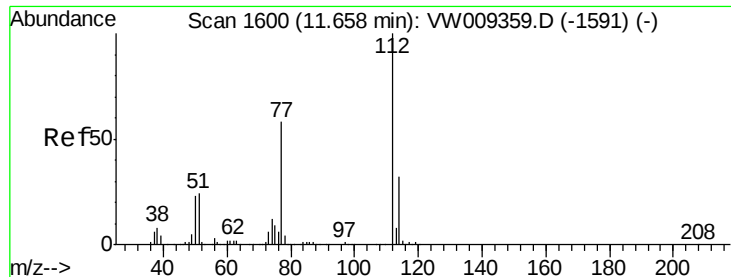
#50
Dibromochloromethane
Concen: 25.793 ug/L
RT: 11.18 min Scan# 1521
Delta R.T. 0.05 min
Lab File: VW009373.D
Acq: 23 Mar 2019 04:49

Tgt Ion: 129 Resp: 71
Ion Ratio Lower Upper
129 100
127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#52

Chlorobenzene

Concen: 5.891 ug/L

RT: 11.57 min Scan# 1586

Delta R.T. -0.09 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

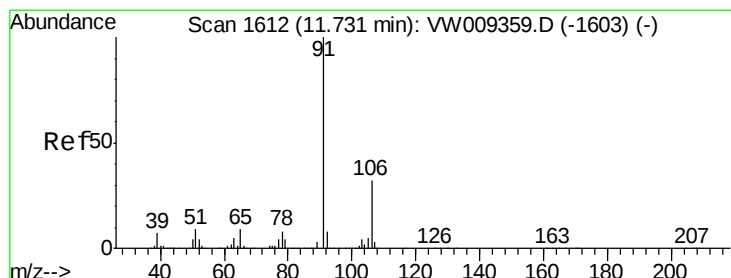
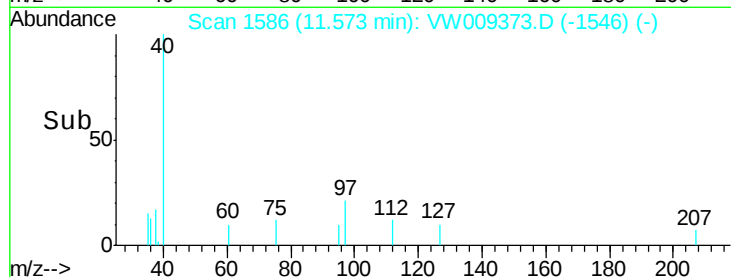
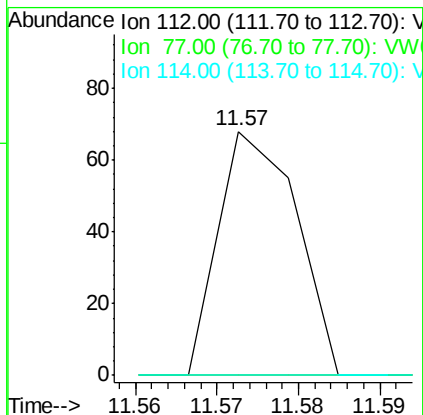
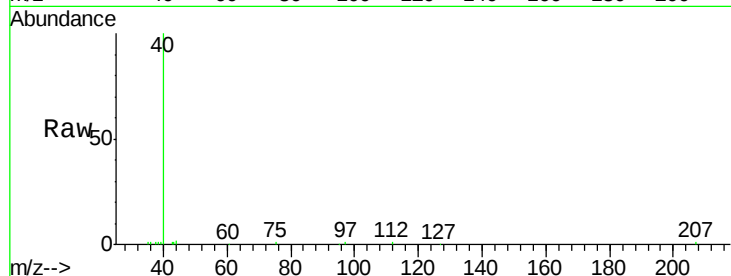
Instrument :

MSVOA_W

ClientSampleId :

BF5S7

Tot Ion:	112	Resp:	45
Ion	Ratio	Lower	Upper
112	100		
77	0.0	45.7	68.5#
114	0.0	22.8	42.4#



#53

Ethylbenzene

Concen: 3.436 ug/L

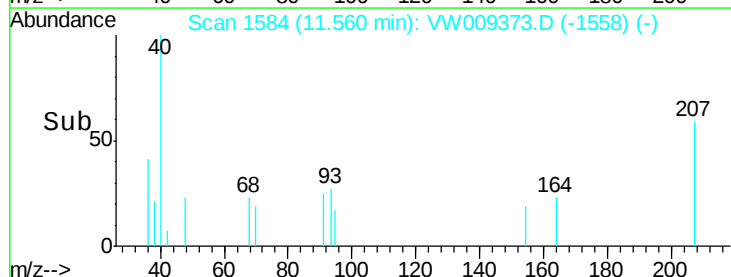
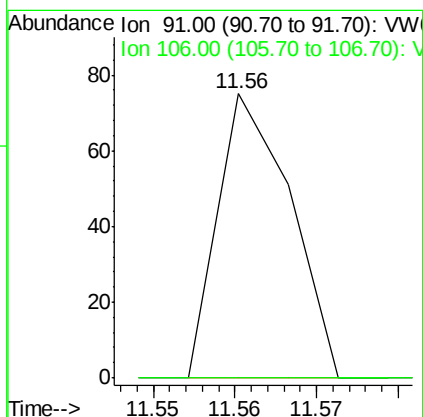
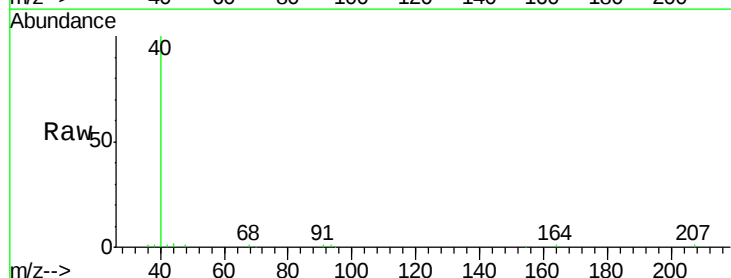
RT: 11.56 min Scan# 1584

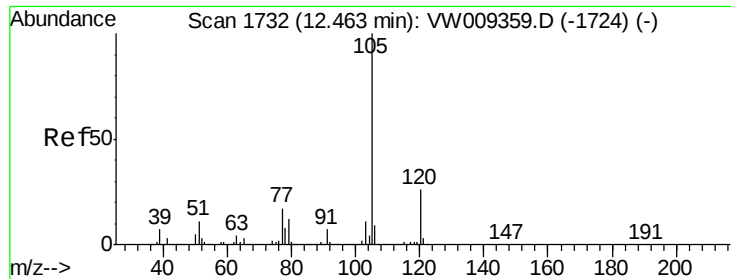
Delta R.T. -0.17 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Tgt Ion:	91	Resp:	46
Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.0	39.0#





#57

Isopropylbenzene

Concen: 4.288 ug/L

RT: 12.64 min Scan# 1761

Delta R.T. 0.18 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

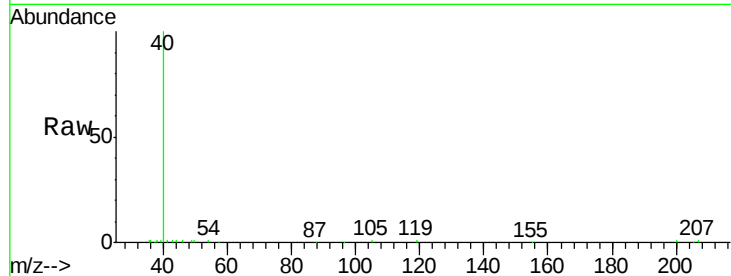
Instrument :

MSVOA_W

ClientSampled :

BF5S7

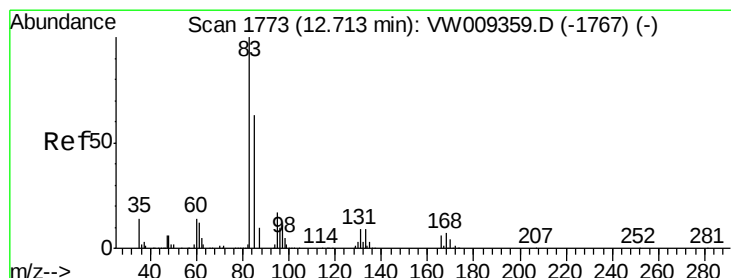
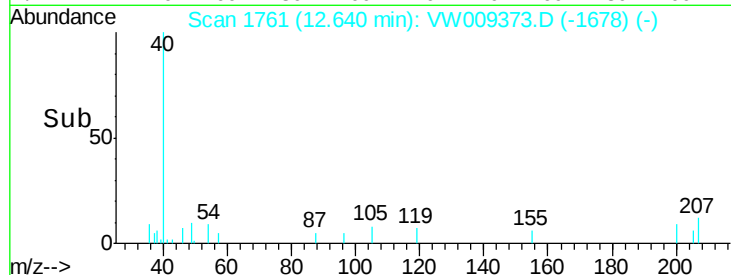
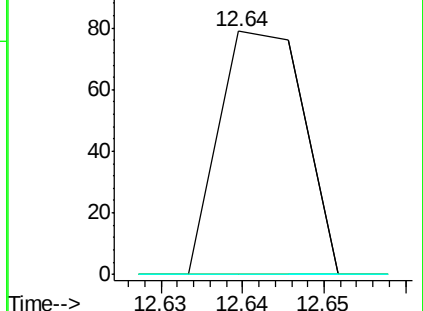
Tot Ion:	105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.3	31.9#
77	56.1	13.1	19.7#



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: 17.951 ug/L

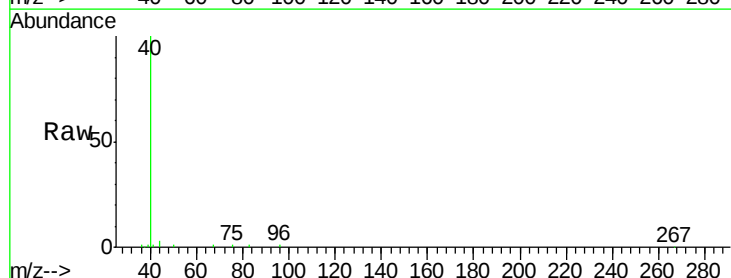
RT: 12.80 min Scan# 1787

Delta R.T. 0.09 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

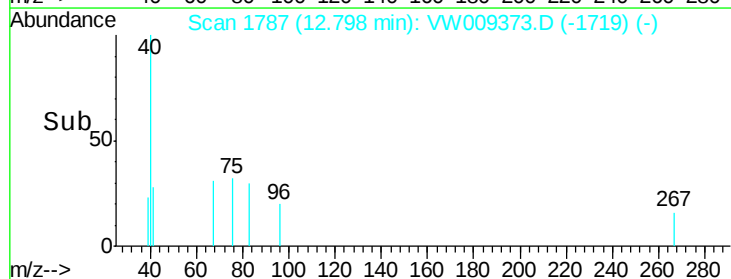
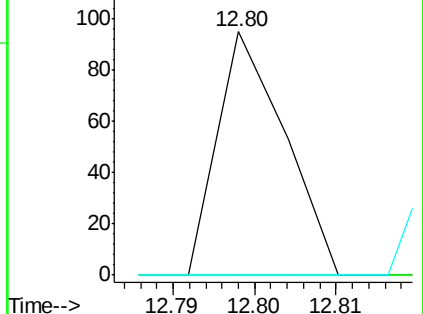
Tgt Ion:	83	Resp:	54
Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.6	84.8#
131	0.0	9.2	13.8#

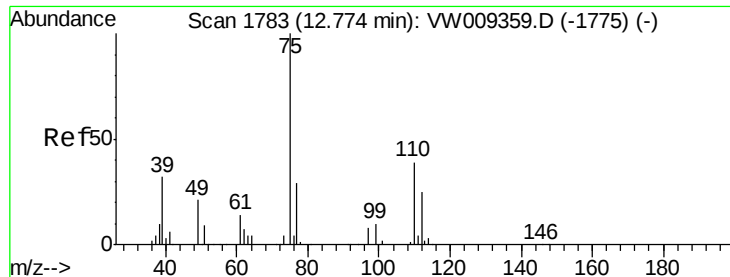


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 21.501 ug/L

RT: 13.19 min Scan# 1852

Delta R.T. 0.42 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

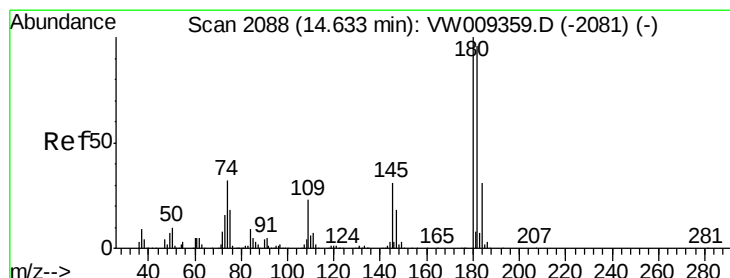
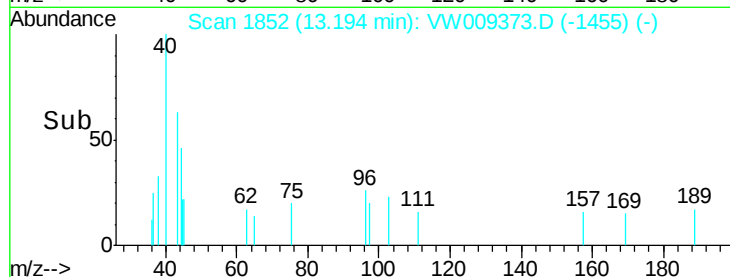
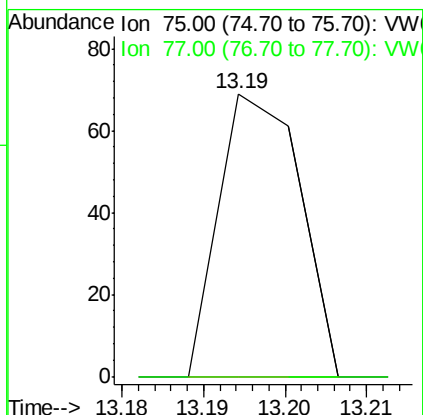
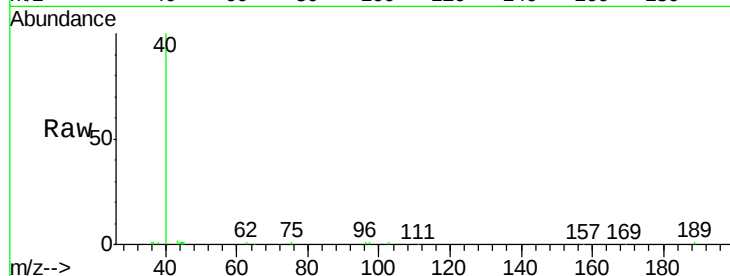
BF5S7

Tot Ion: 75 Resp: 48

Ion Ratio Lower Upper

75 100

77 175.0 26.2 39.2#



#67

1,3,5-Trichlorobenzene

Concen: 34.799 ug/L

RT: 14.55 min Scan# 2074

Delta R.T. -0.09 min

Lab File: VW009373.D

Acq: 23 Mar 2019 04:49

Tgt Ion: 180 Resp: 55

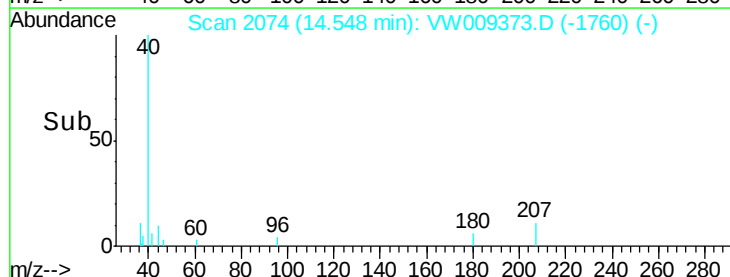
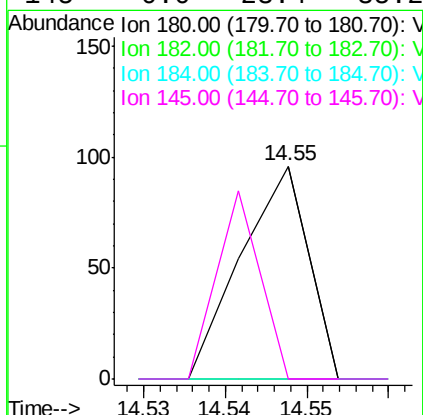
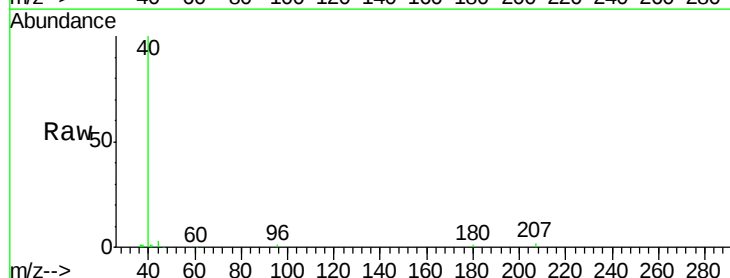
Ion Ratio Lower Upper

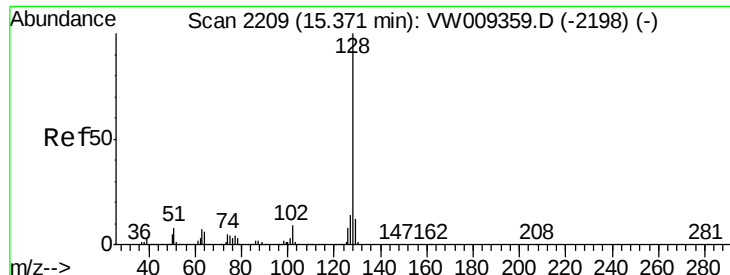
180 100

182 0.0 76.1 114.1#

184 0.0 23.8 35.6#

145 0.0 23.4 35.2#





#69

Naphthalene

Concen: 22.525 ug/L

RT: 15.15 min Scan# 2173

Delta R.T. -0.22 min

Lab File: VW009373.D

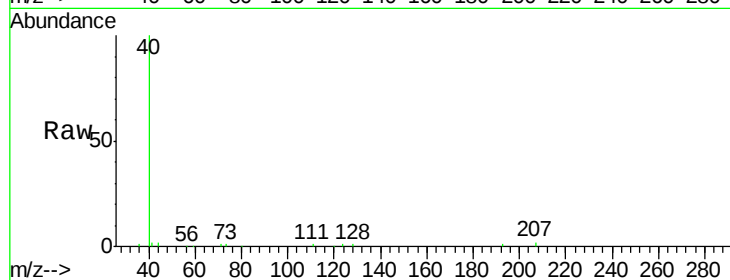
Acq: 23 Mar 2019 04:49

Instrument :

MSVOA_W

ClientSampleId :

BF5S7



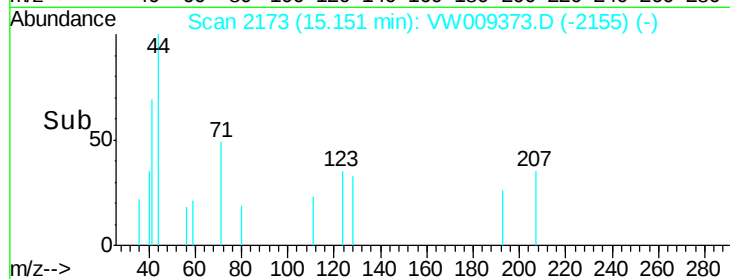
Tot Ion:128 Resp: 62

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 91.9 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

