

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008775.D
 Acq On : 21 Feb 2019 17:43
 Operator : SY/VA
 Sample : K1537-01
 Misc : 9.56G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-1-2

Quant Time: Feb 22 01:12:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	16556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	23289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	2872	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	8617	55.49	ug/l	0.00
Spiked Amount			Recovery	=	110.98%	
35) Dibromofluoromethane	7.88	113	7711	55.15	ug/l	0.00
Spiked Amount			Recovery	=	110.30%	
50) Toluene-d8	10.32	98	25684	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	12.62	95	5501	26.03	ug/l	0.00
Spiked Amount			Recovery	=	52.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.03	85	21	0.127	ug/l #	42
4) Vinyl Chloride	2.36	62	99	0.463	ug/l #	44
5) Bromomethane	2.74	94	37	0.233	ug/l #	4
7) Trichlorofluoromethane	3.23	101	21	0.078	ug/l #	16
9) 1,1,2-Trichlorotrifluoroet	3.98	101	25	0.152	ug/l #	16
12) 1,1-Dichloroethene	4.05	96	19	0.131	ug/l #	49
17) Carbon Disulfide	4.39	76	53	0.110	ug/l #	73
19) Methyl tert-butyl Ether	5.43	73	26	0.066	ug/l #	1
21) trans-1,2-Dichloroethene	5.41	96	23	0.137	ug/l #	1
22) Diisopropyl ether	6.30	45	69	0.138	ug/l #	19
23) Vinyl Acetate	6.25	43	82	0.266	ug/l #	73
24) 1,1-Dichloroethane	6.19	63	43	0.149	ug/l #	82
26) 2,2-Dichloropropane	7.16	77	84	0.320	ug/l #	54
27) cis-1,2-Dichloroethene	7.20	96	119	0.663	ug/l #	33
29) Tetrahydrofuran	7.52	42	27	0.842	ug/l #	35
30) Chloroform	7.69	83	60	0.202	ug/l #	17
32) 1,1,1-Trichloroethane	7.86	97	55	0.204	ug/l #	24
36) 1,1-Dichloropropene	8.07	75	91	0.401	ug/l #	63
37) Ethyl Acetate	7.26	43	88	0.835	ug/l #	70
39) Methylcyclohexane	9.30	83	50	0.177	ug/l #	18
40) Benzene	8.34	78	130	0.210	ug/l #	81
42) 1,2-Dichloroethane	8.40	62	100	0.510	ug/l #	75
44) Trichloroethene	9.08	130	22	0.126	ug/l	3
45) 1,2-Dichloropropane	9.28	63	19	0.124	ug/l #	1
46) Dibromomethane	9.52	93	26	0.306	ug/l #	27
47) Bromodichloromethane	9.65	83	49	0.237	ug/l #	24
53) t-1,3-Dichloropropene	10.65	75	30	0.142	ug/l #	1
54) cis-1,3-Dichloropropene	10.05	75	20	0.083	ug/l #	1
57) 1,3-Dichloropropane	10.97	76	24	0.118	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.93	63	22	0.292	ug/l #	1
61) 1,2-Dibromoethane	11.06	107	39	0.341	ug/l #	2
64) Tetrachloroethene	10.71	164	29	0.244	ug/l #	1
65) Chlorobenzene	11.66	112	174	0.498	ug/l	88
66) 1,1,1,2-Tetrachloroethane	11.74	131	88	0.745	ug/l #	16

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

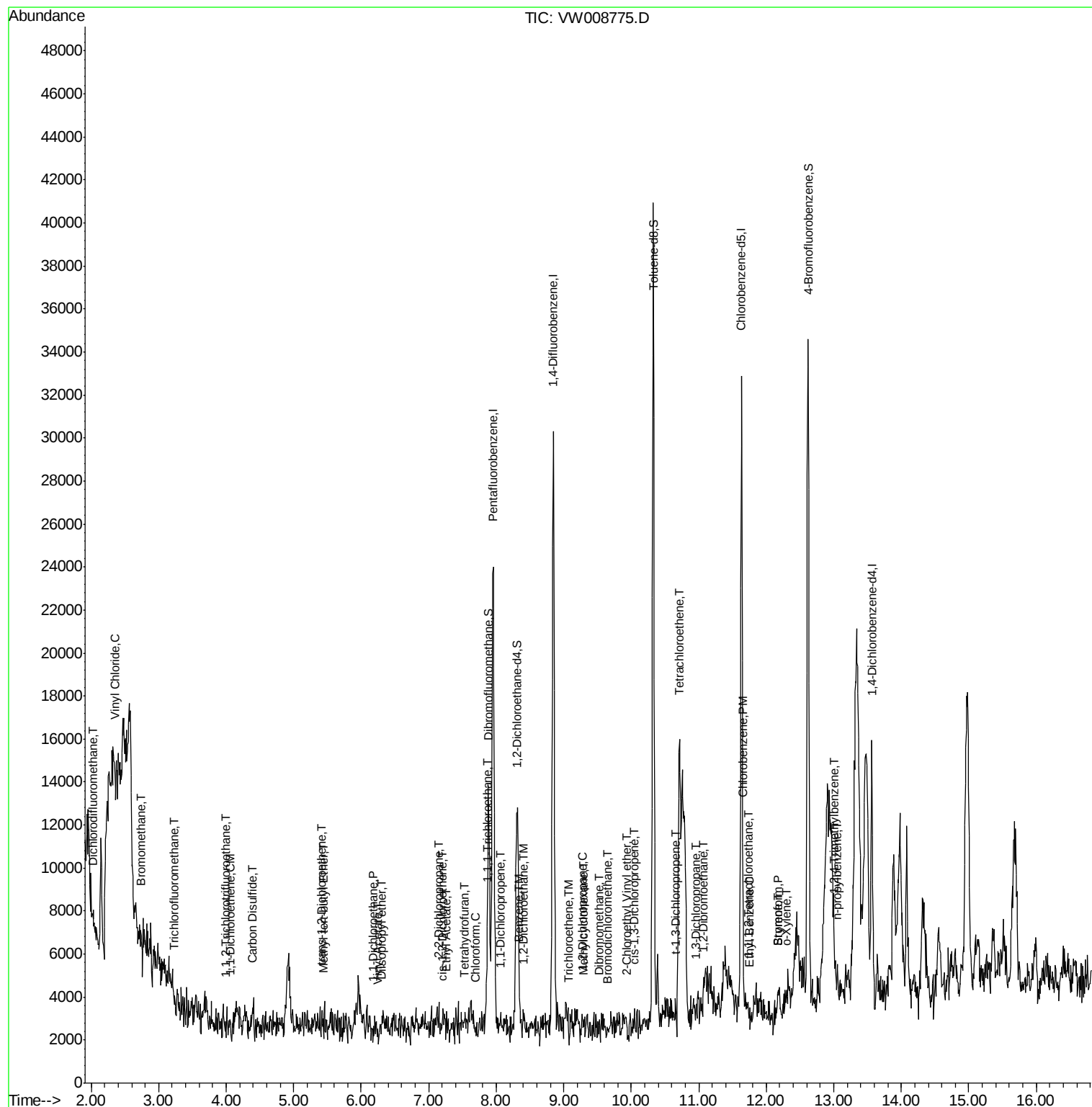
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.74	91	539	0.863	ug/l #	43
69) o-Xylene	12.30	106	25	0.107	ug/l #	16
70) Styrene	12.18	104	334	0.887	ug/l #	62
71) Bromoform	12.18	173	26	0.410	ug/l #	13
78) n-propylbenzene	13.05	91	110	0.457	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	63	0.356	ug/l	85

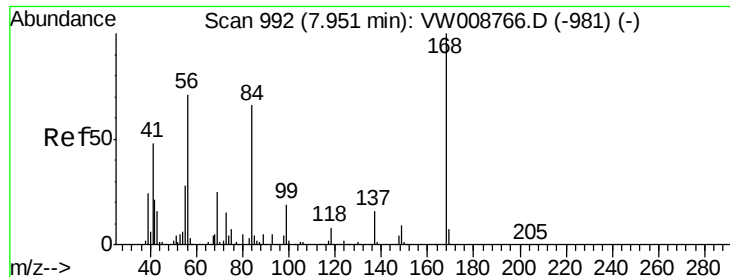
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

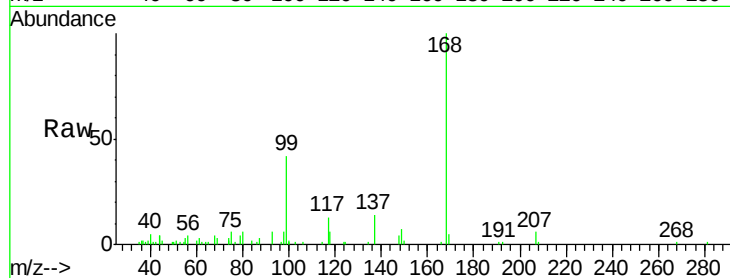
DRUM-1-2

Tot Ion:168 Resp: 16556

Ion Ratio Lower Upper

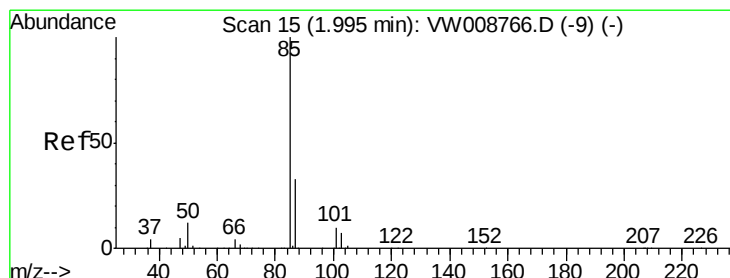
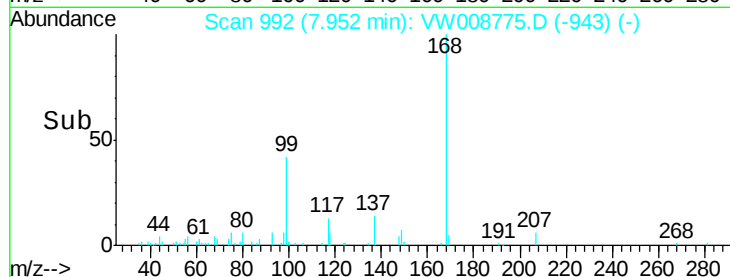
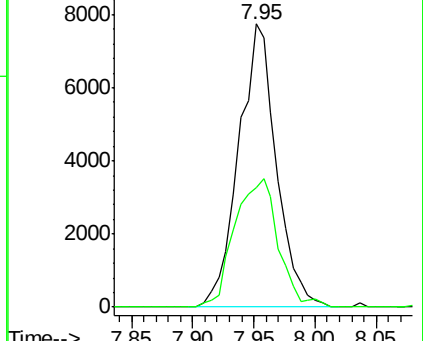
168 100

99 42.1 42.2 63.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 0.127 ug/l

RT: 2.03 min Scan# 21

Delta R.T. 0.04 min

Lab File: VW008775.D

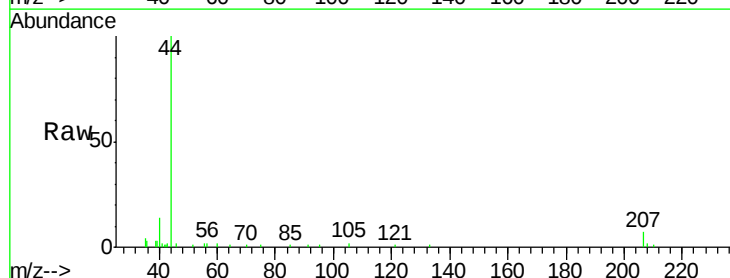
Acq: 21 Feb 2019 17:43

Tgt Ion: 85 Resp: 21

Ion Ratio Lower Upper

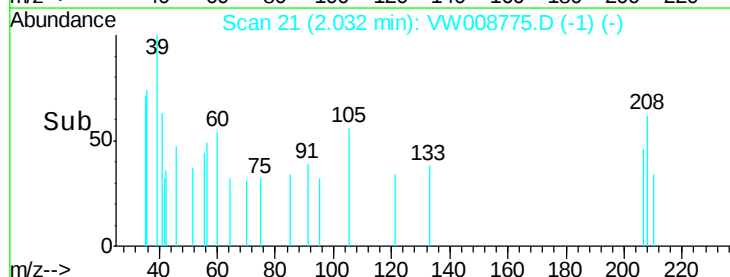
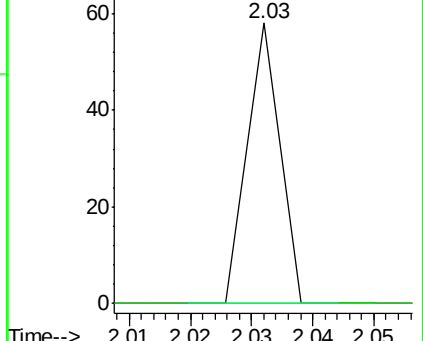
85 100

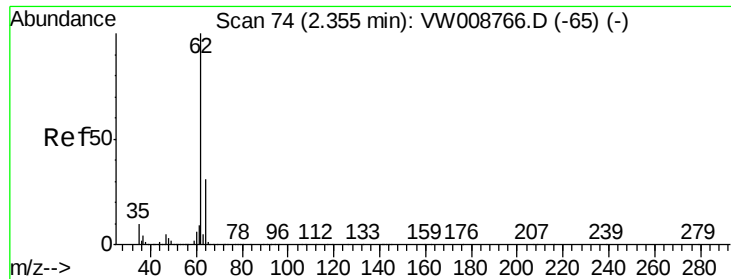
87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#4

Vinyl Chloride

Concen: 0.463 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

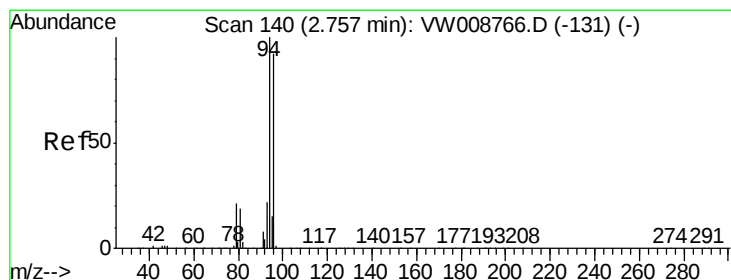
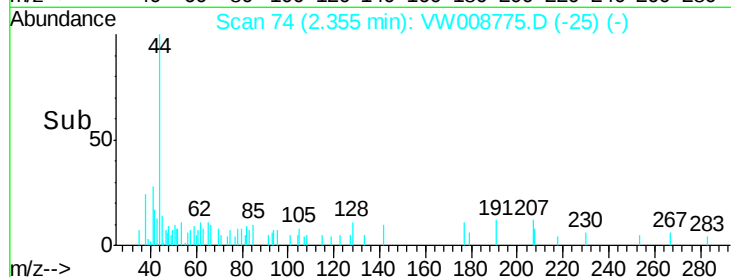
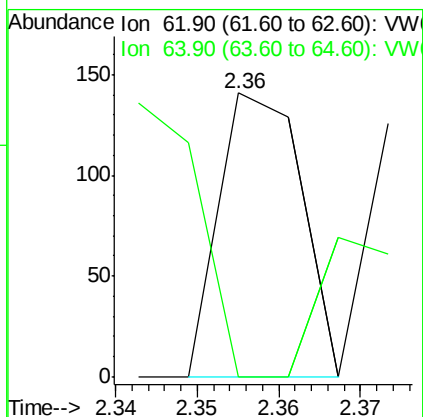
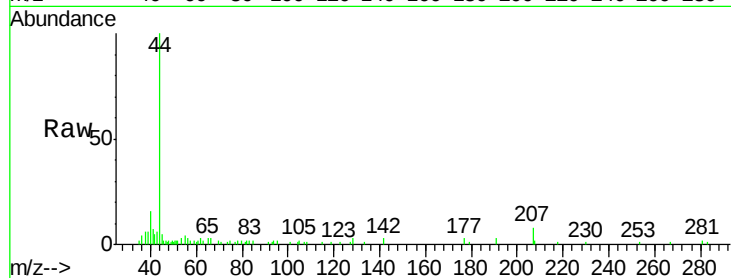
DRUM-1-2

Tot Ion: 62 Resp: 99

Ion Ratio Lower Upper

62 100

64 0.0 24.9 37.3#



#5

Bromomethane

Concen: 0.233 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW008775.D

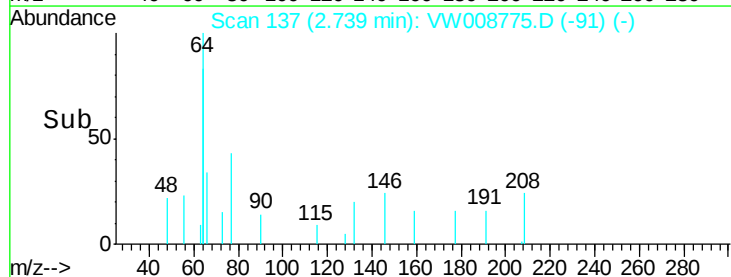
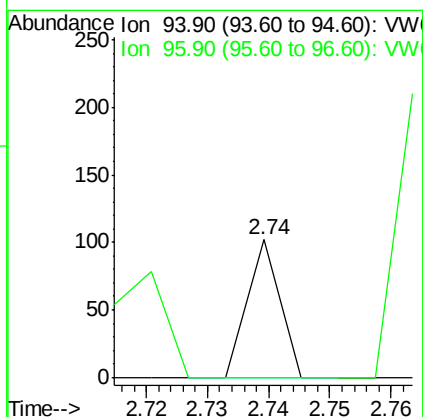
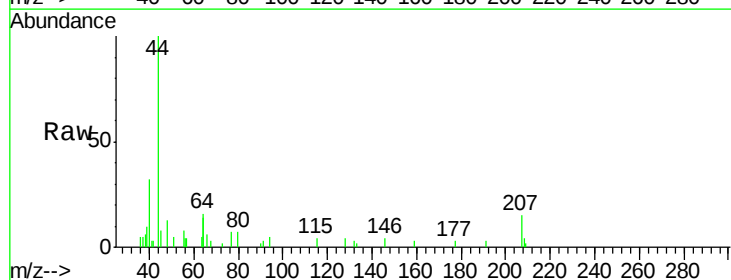
Acq: 21 Feb 2019 17:43

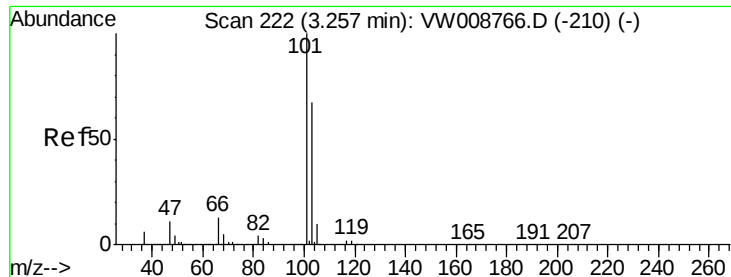
Tgt Ion: 94 Resp: 37

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#



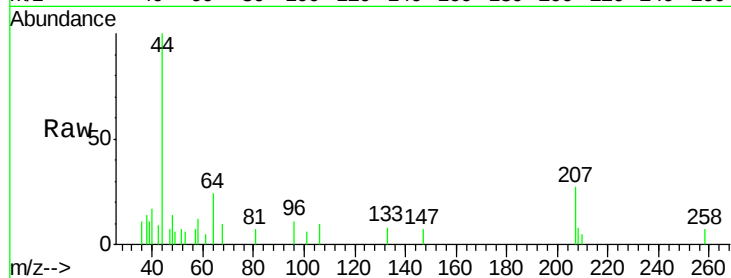


#7

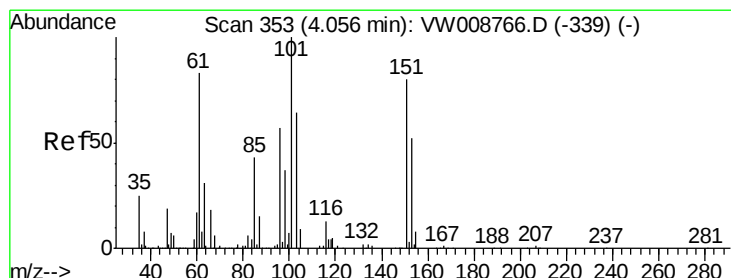
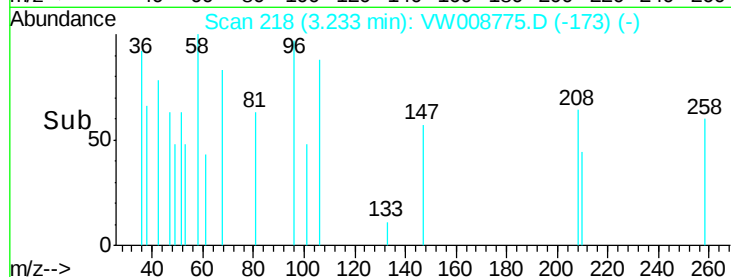
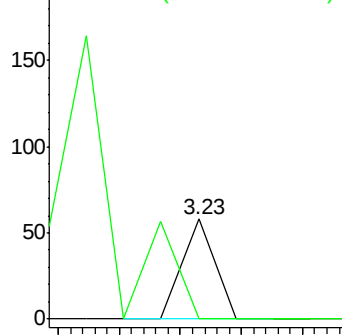
Trichlorofluoromethane
Concen: 0.078 ug/l
RT: 3.23 min Scan# 218
Delta R.T. -0.02 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Instrument :
MSVOA_W
ClientSampleId :
DRUM-1-2

Tot Ion:101 Resp: 21
Ion Ratio Lower Upper
101 100
103 0.0 53.9 80.9#



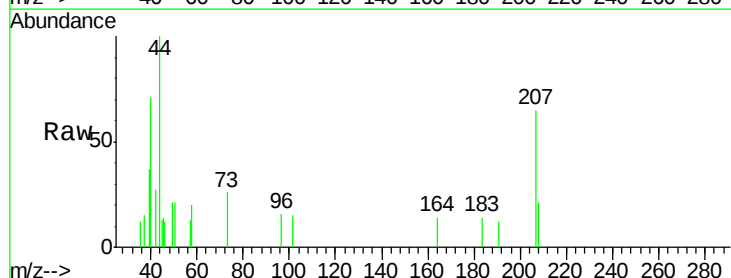
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



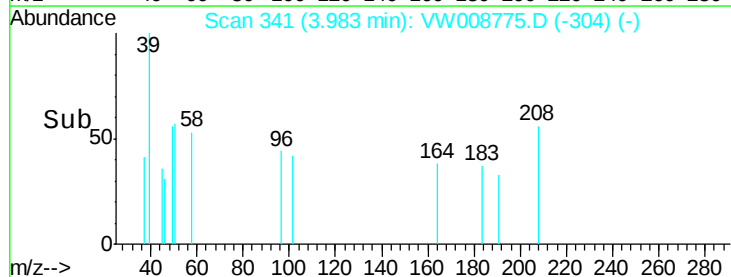
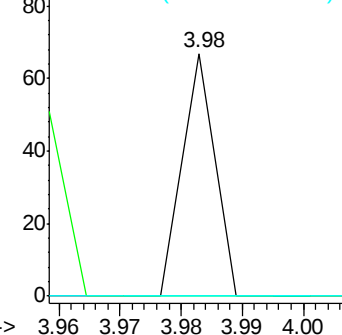
#9

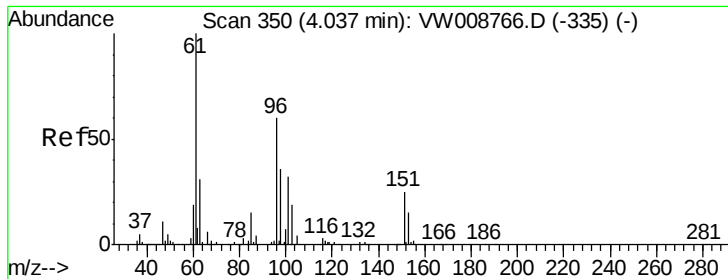
1,1,2-Trichlorotrifluoroethane
Concen: 0.152 ug/l
RT: 3.98 min Scan# 341
Delta R.T. -0.07 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Tgt Ion:101 Resp: 25
Ion Ratio Lower Upper
101 100
85 0.0 36.0 54.0#
151 0.0 65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.131 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

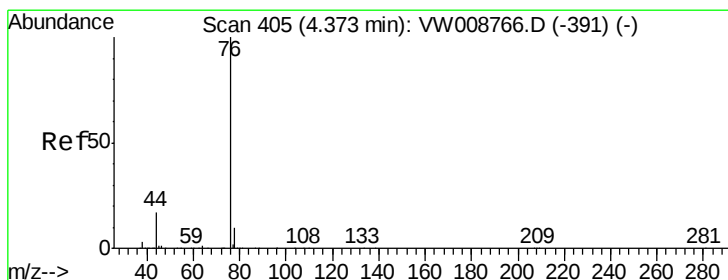
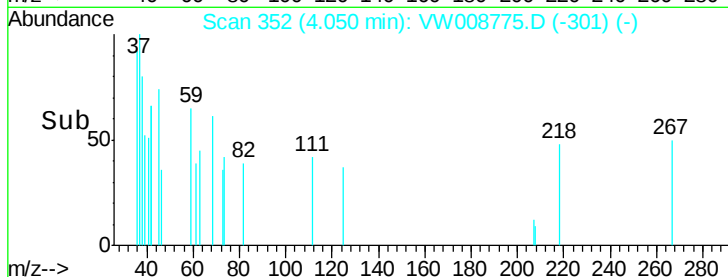
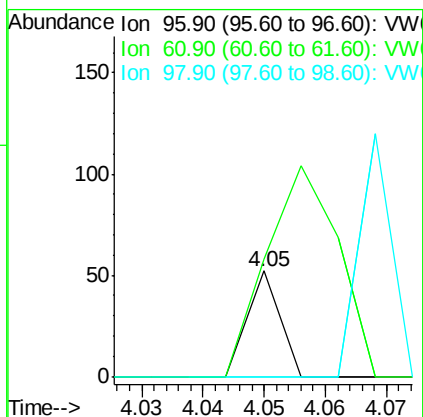
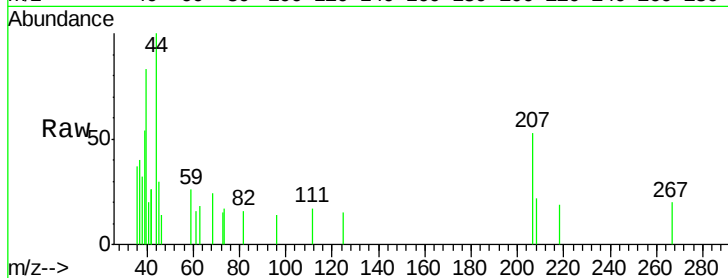
Tot Ion: 96 Resp: 19

Ion Ratio Lower Upper

96 100

61 111.5 132.5 198.7#

98 0.0 48.2 72.4#



#17

Carbon Disulfide

Concen: 0.110 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.02 min

Lab File: VW008775.D

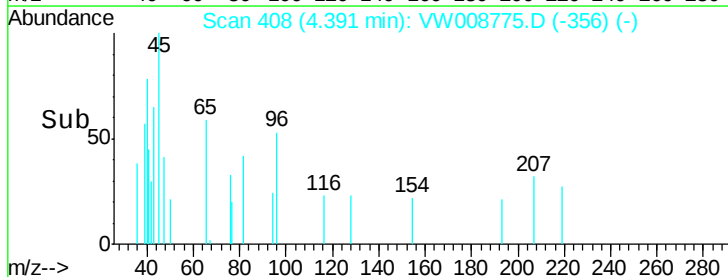
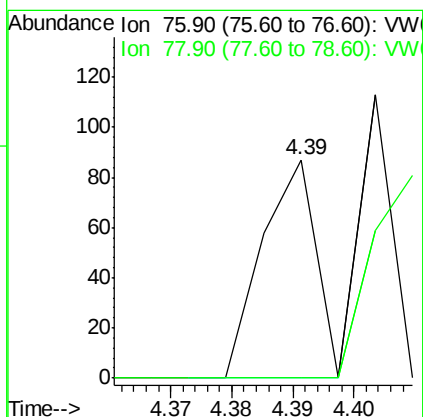
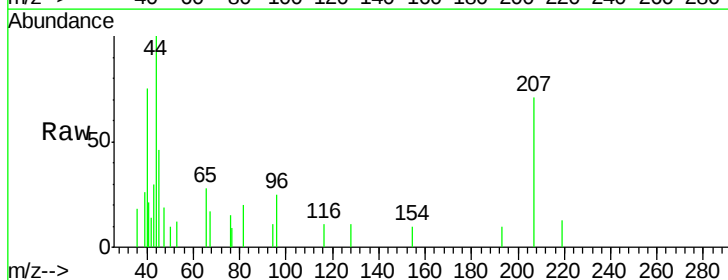
Acq: 21 Feb 2019 17:43

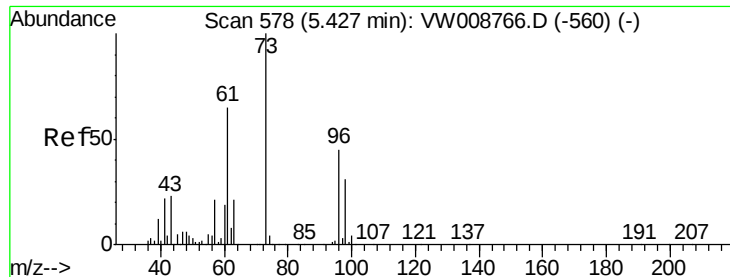
Tgt Ion: 76 Resp: 53

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.8#



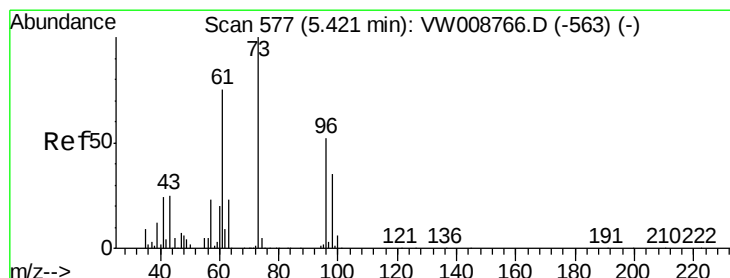
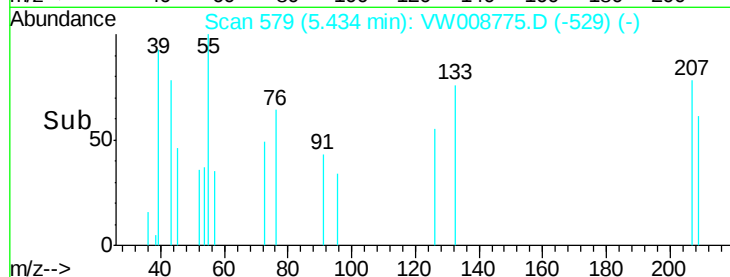
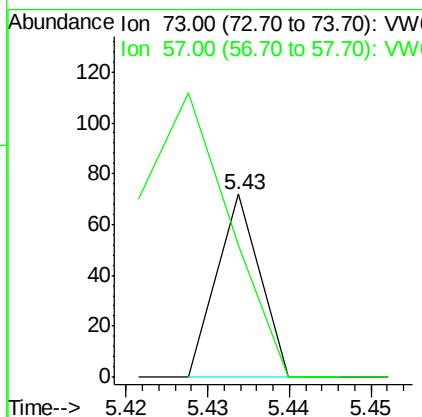
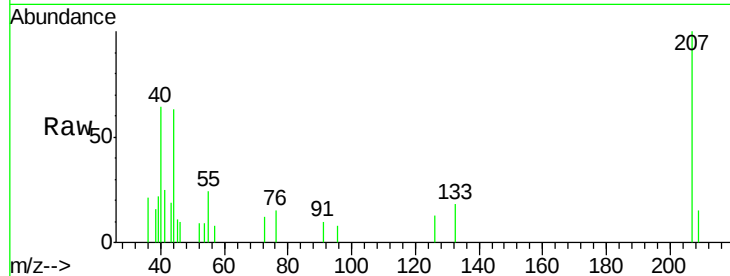


#19

Methvl tert-butvl Ether
 Concen: 0.066 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW008775.D
 Acq: 21 Feb 2019 17:43

Instrument :
 MSVOA_W
 ClientSampled :
 DRUM-1-2

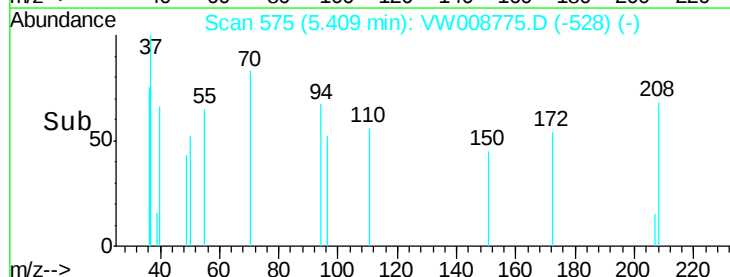
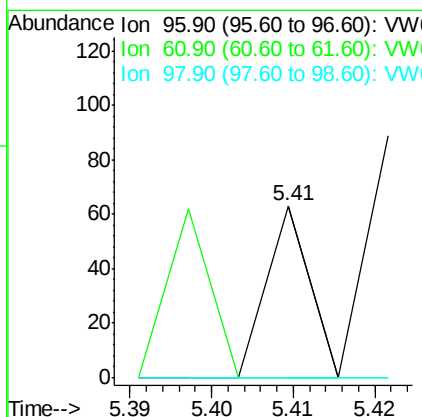
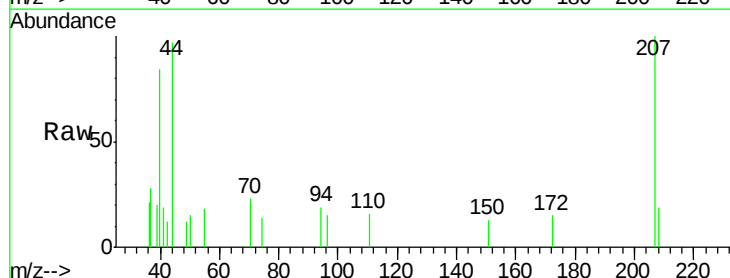
Tot Ion: 73 Resp: 26
 Ion Ratio Lower Upper
 73 100
 57 72.2 16.8 25.2#

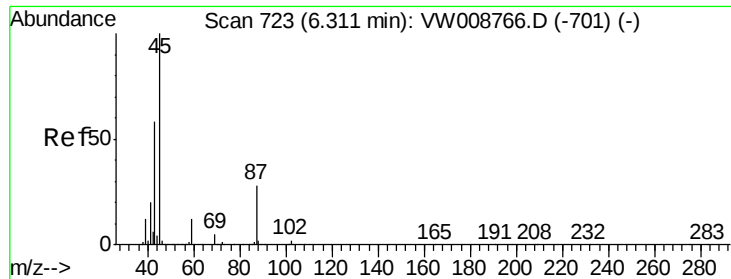


#21

trans-1,2-Dichloroethene
 Concen: 0.137 ug/l
 RT: 5.41 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: VW008775.D
 Acq: 21 Feb 2019 17:43

Tgt Ion: 96 Resp: 23
 Ion Ratio Lower Upper
 96 100
 61 0.0 114.6 171.8#
 98 0.0 54.0 81.0#

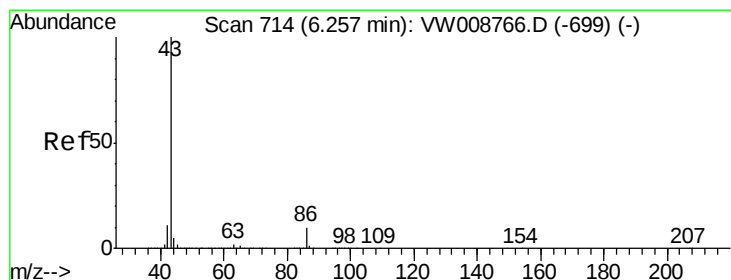
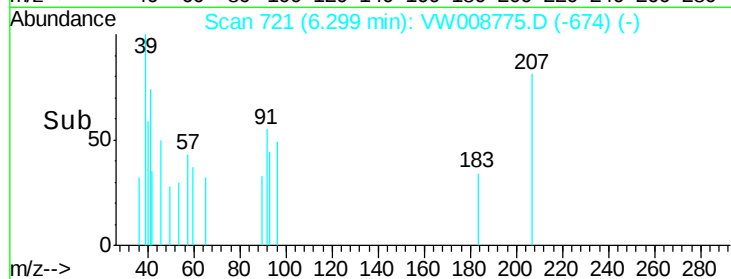
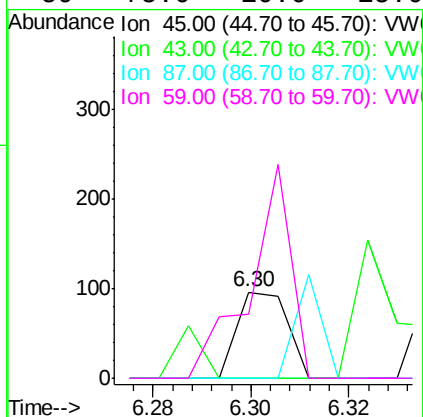
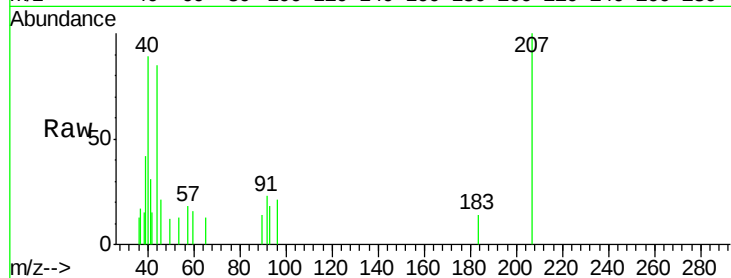




#22
Diisopropyl ether
Concen: 0.138 ug/l
RT: 6.30 min Scan# 721
Delta R.T. -0.01 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

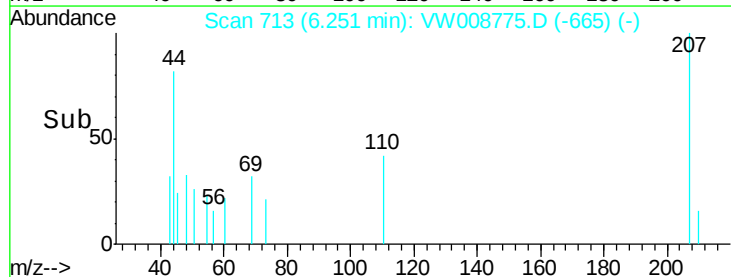
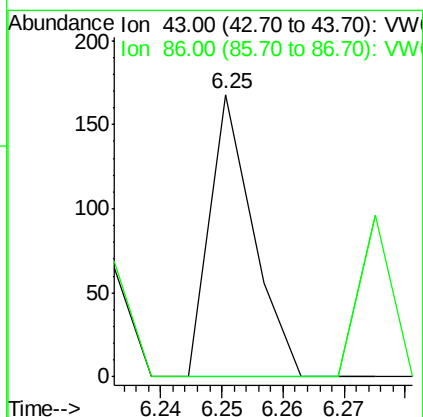
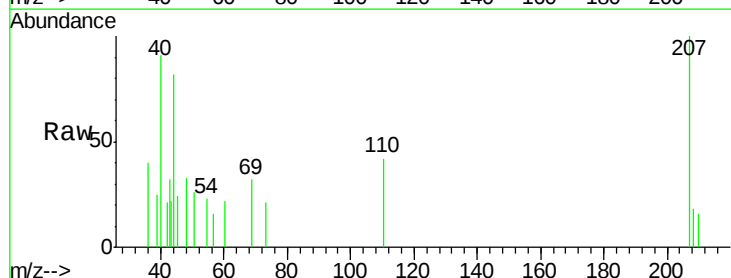
Instrument :
MSVOA_W
ClientSampleId :
DRUM-1-2

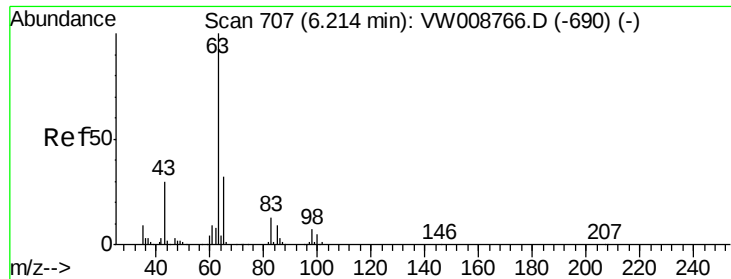
Tot Ion:	45	Resp:	69
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.1	69.1#
87	0.0	22.2	33.4#
59	75.0	10.0	15.0#



#23
Vinyl Acetate
Concen: 0.266 ug/l
RT: 6.25 min Scan# 713
Delta R.T. -0.01 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Tgt Ion:	43	Resp:	82
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#





#24

1,1-Dichloroethane

Concen: 0.149 ug/l

RT: 6.19 min Scan# 703

Delta R.T. -0.02 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

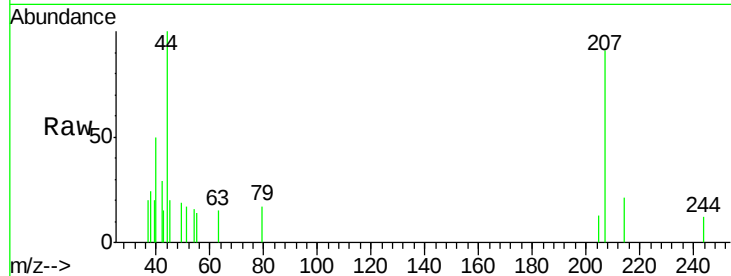
Tot Ion: 63 Resp: 43

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

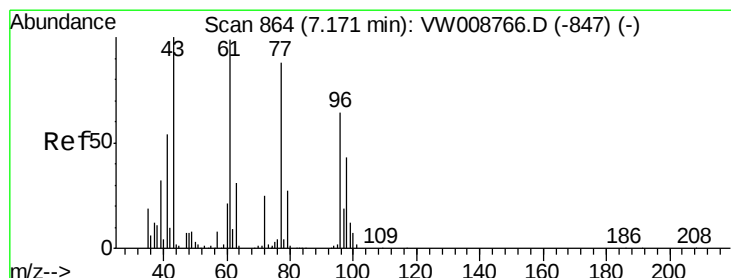
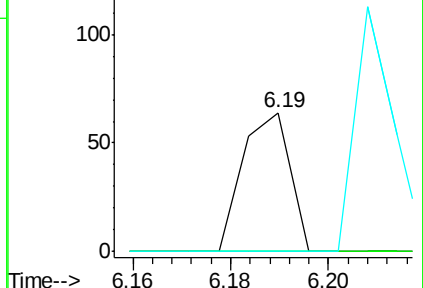
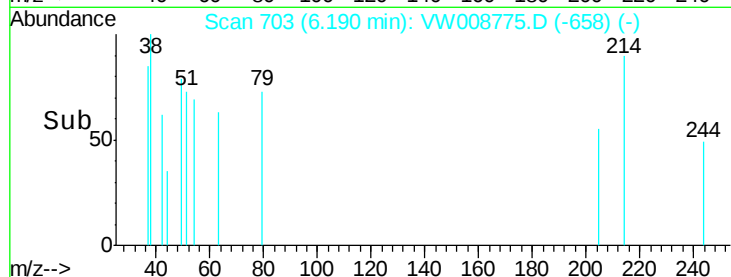
100 0.0 2.4 7.2#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



#26

2,2-Dichloropropane

Concen: 0.320 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008775.D

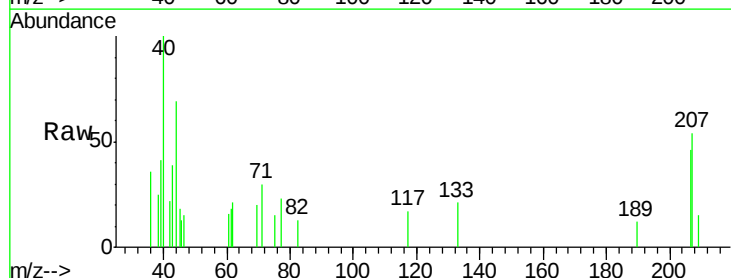
Acq: 21 Feb 2019 17:43

Tgt Ion: 77 Resp: 84

Ion Ratio Lower Upper

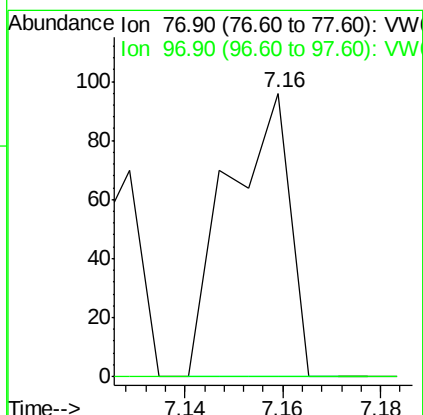
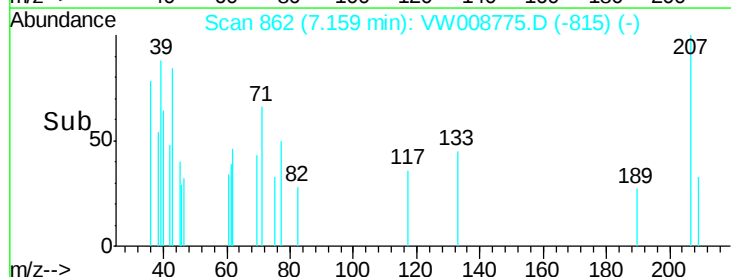
77 100

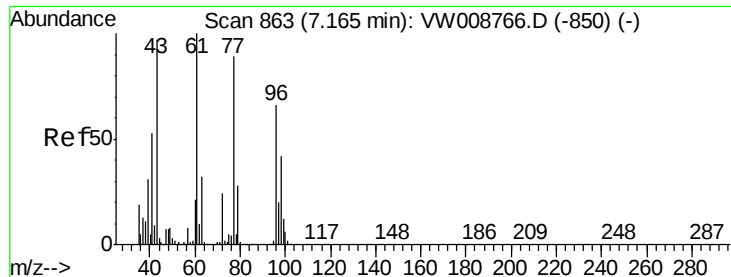
97 0.0 11.0 33.0#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



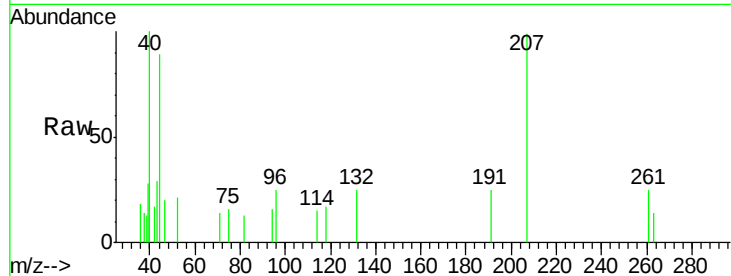


#27

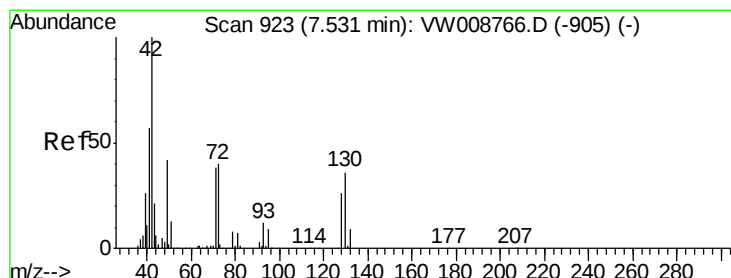
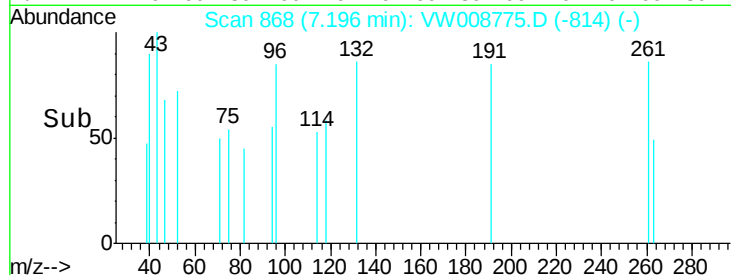
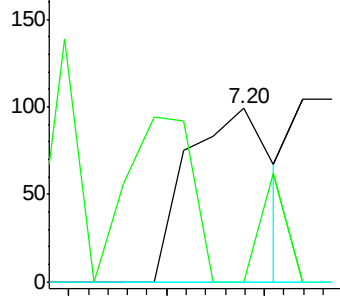
cis-1,2-Dichloroethene
Concen: 0.663 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.03 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Instrument :
MSVOA_W
ClientSampled :
DRUM-1-2

Tot Ion: 96 Resp: 119
Ion Ratio Lower Upper
96 100
61 74.8 0.0 302.6
98 0.0 0.0 130.0



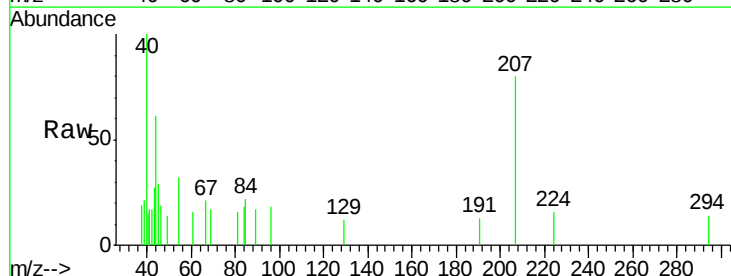
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



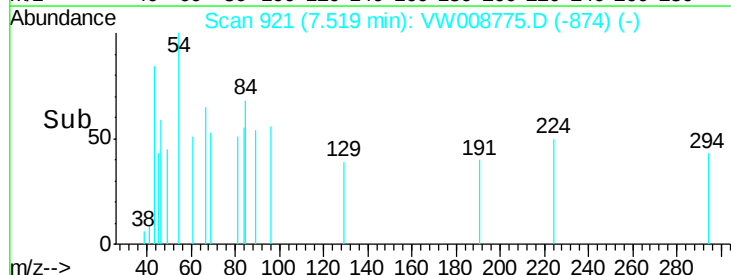
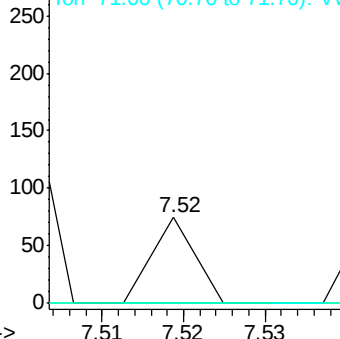
#29

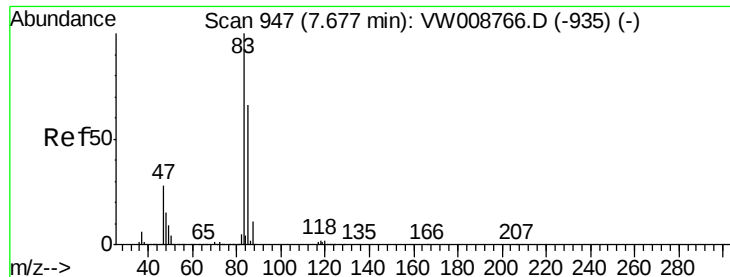
Tetrahydrofuran
Concen: 0.842 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Tgt Ion: 42 Resp: 27
Ion Ratio Lower Upper
42 100
72 0.0 32.7 49.1#
71 0.0 31.3 46.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





#30

Chloroform

Concen: 0.202 ug/l

RT: 7.69 min Scan# 949

Delta R.T. 0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

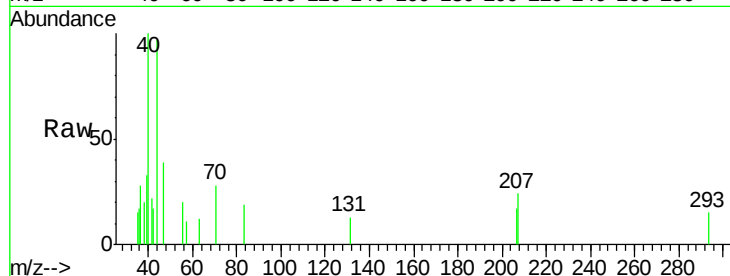
DRUM-1-2

Tot Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

85 0.0 52.6 79.0#



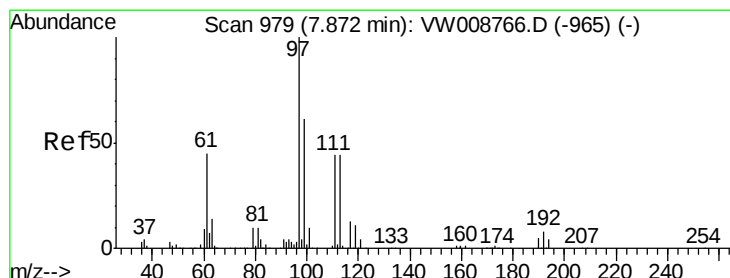
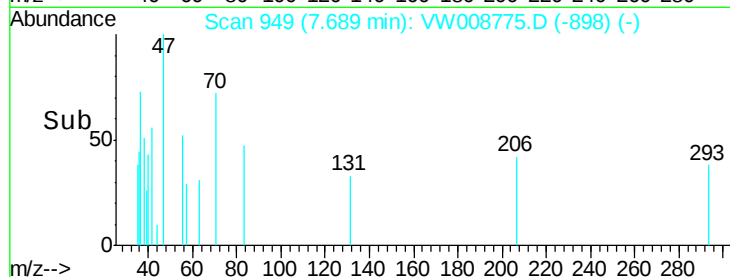
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

7.69

7.66 7.68 7.70

Time-->



#32

1,1,1-Trichloroethane

Concen: 0.204 ug/l

RT: 7.86 min Scan# 977

Delta R.T. -0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

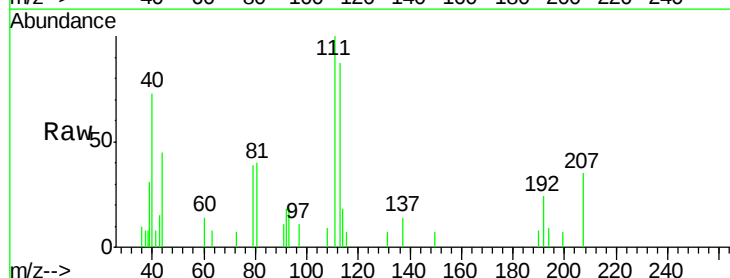
Tgt Ion: 97 Resp: 55

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

61 0.0 36.0 54.0#



Abundance Ion 96.90 (96.60 to 97.60): VW

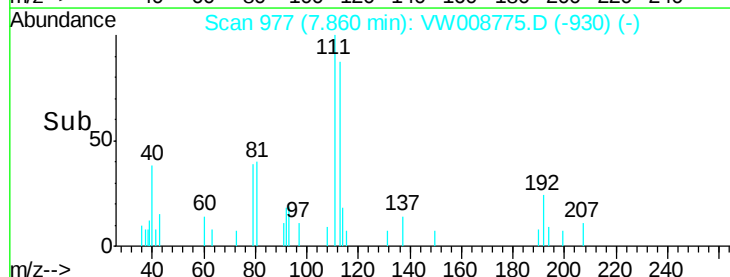
Ion 98.90 (98.60 to 99.60): VW

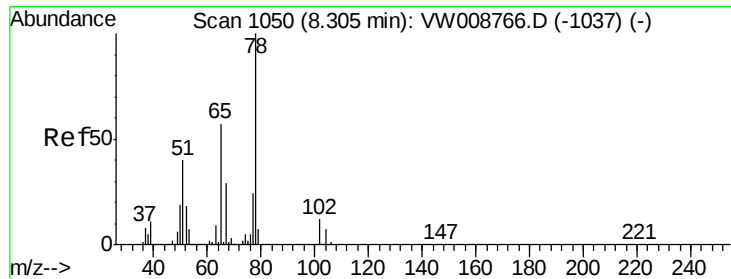
Ion 60.90 (60.60 to 61.60): VW

7.86

7.85 7.86 7.87 7.88

Time-->

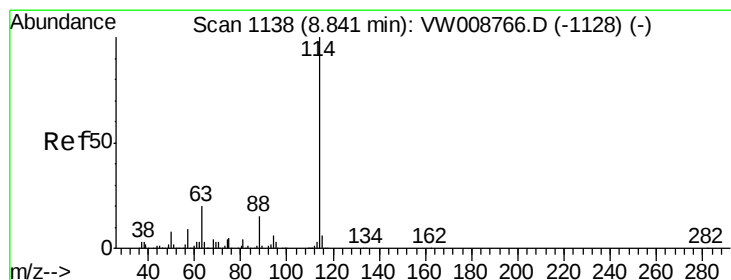
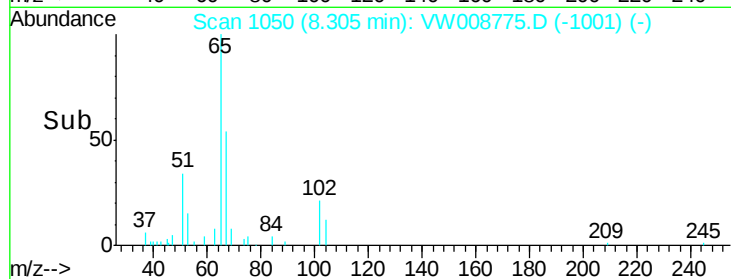
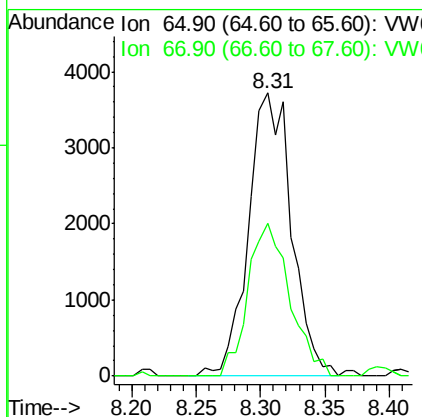
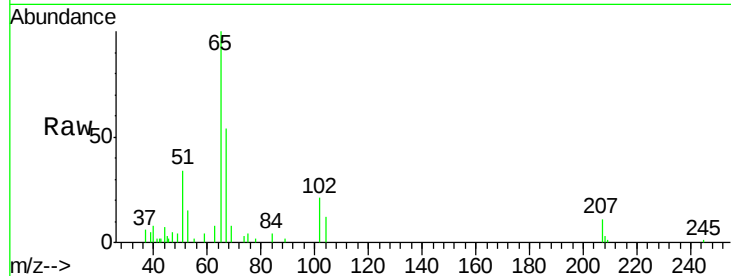




#33
 1,2-Dichloroethane-d4
 Concen: 55.493 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008775.D
 Acq: 21 Feb 2019 17:43

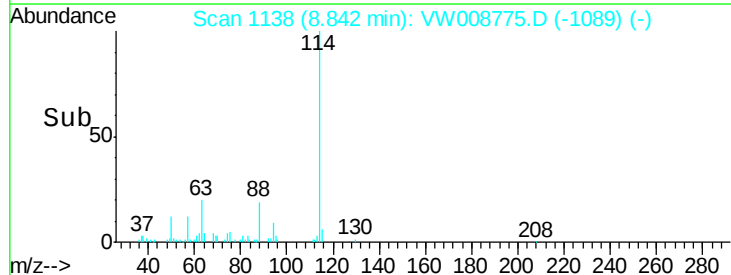
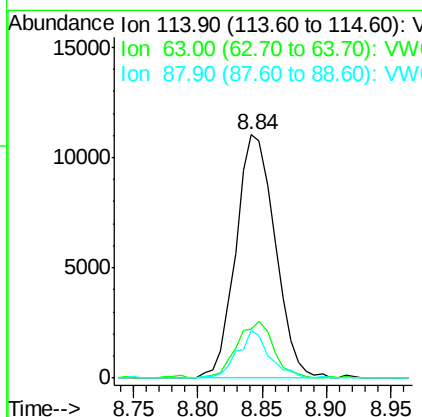
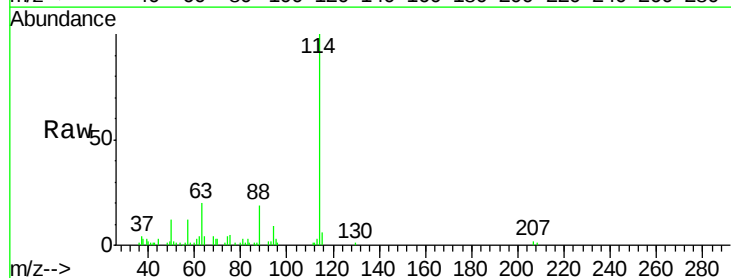
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-1-2

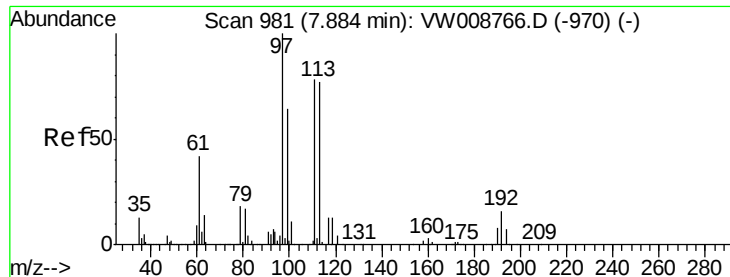
Tot Ion: 65 Resp: 8617
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008775.D
 Acq: 21 Feb 2019 17:43

Tgt Ion: 114 Resp: 23289
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 19.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 55.146 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

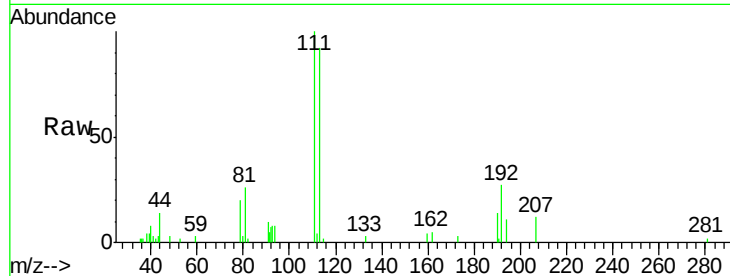
Tot Ion:113 Resp: 7711

Ion Ratio Lower Upper

113 100

111 96.3 81.9 122.9

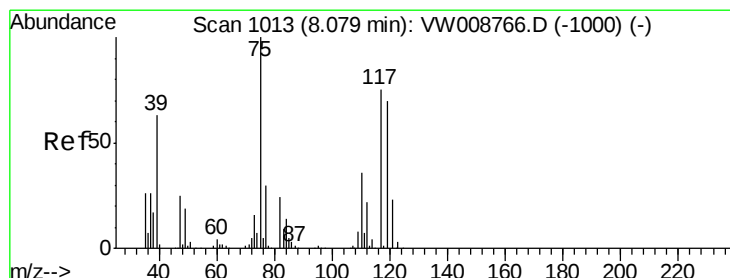
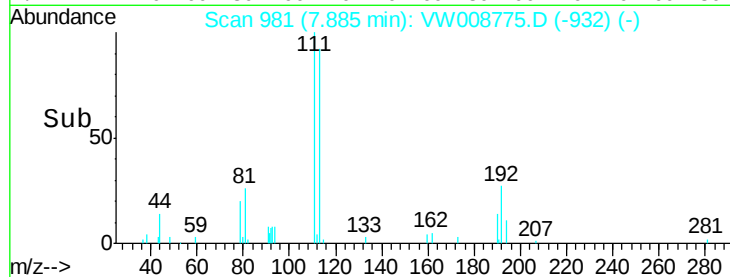
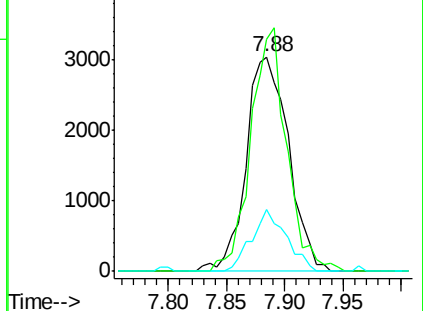
192 23.7 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.401 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

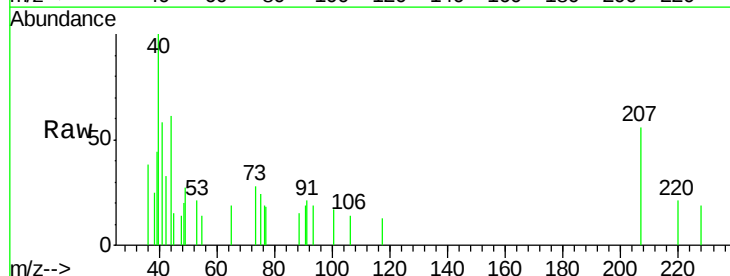
Tgt Ion: 75 Resp: 91

Ion Ratio Lower Upper

75 100

110 28.6 17.5 52.6

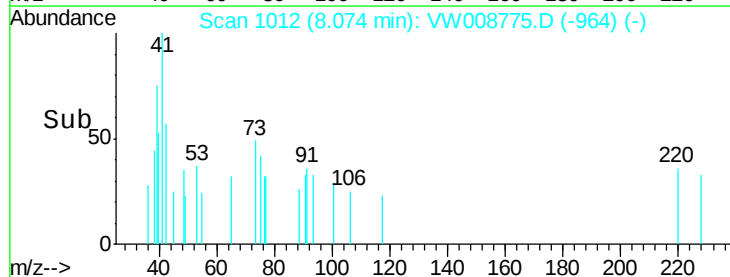
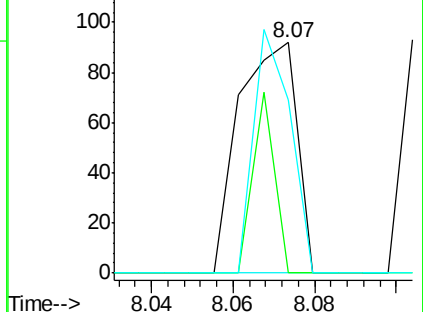
77 67.0 24.5 36.7#

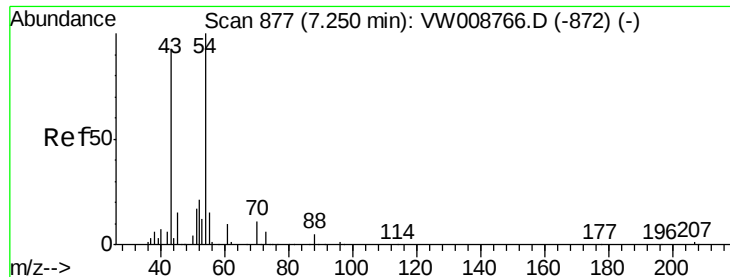


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

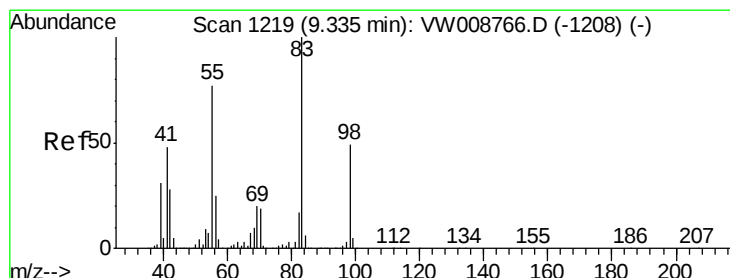
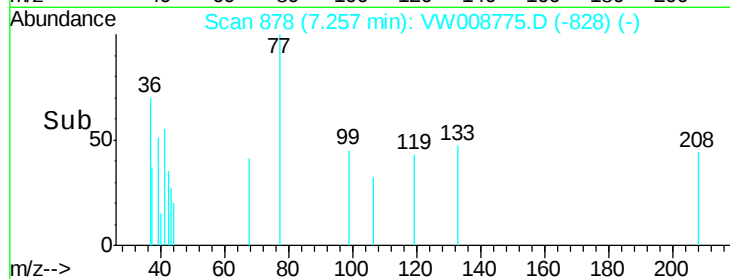
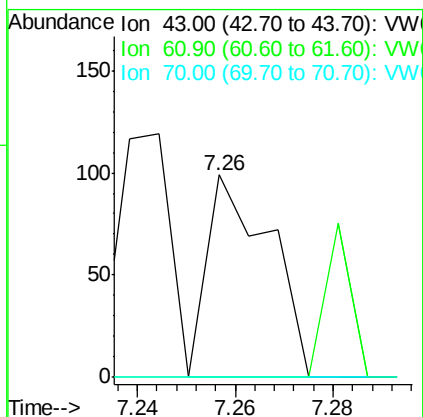
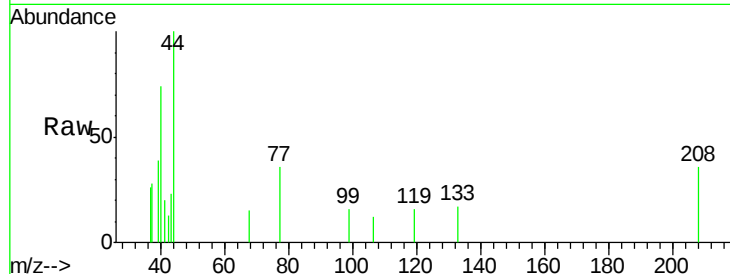




#37
Ethyl Acetate
Concen: 0.835 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

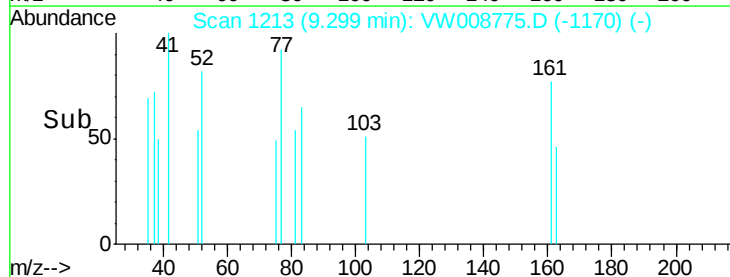
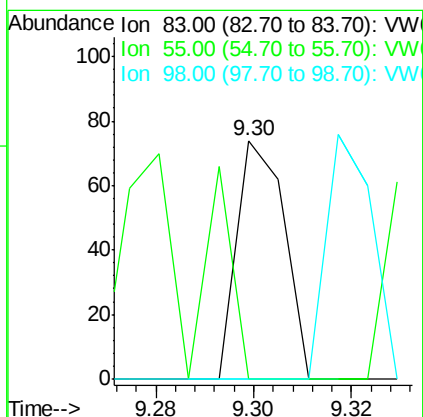
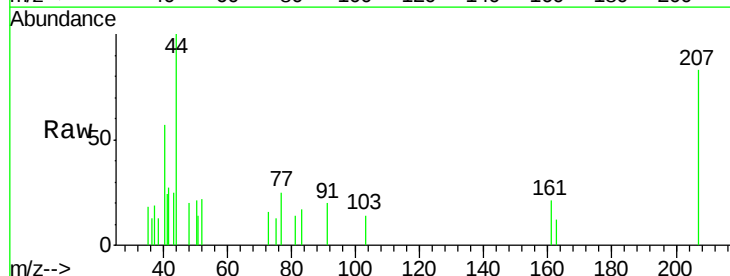
Instrument :
MSVOA_W
ClientSampleID :
DRUM-1-2

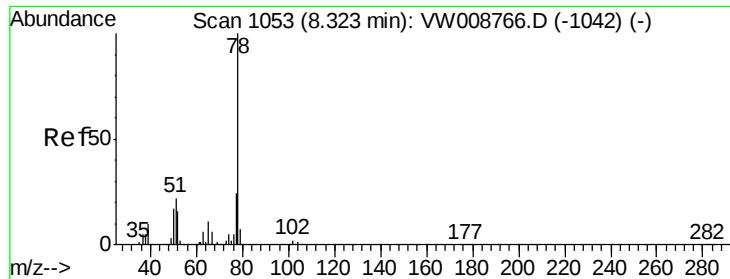
Tot Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 8.4 12.6#



#39
Methylcyclohexane
Concen: 0.177 ug/l
RT: 9.30 min Scan# 1213
Delta R.T. -0.04 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Tgt Ion: 83 Resp: 50
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.0 39.4 59.2#





#40

Benzene

Concen: 0.210 ug/l

RT: 8.34 min Scan# 1056

Delta R.T. 0.02 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

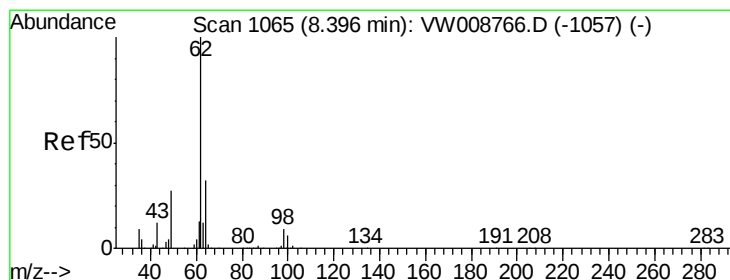
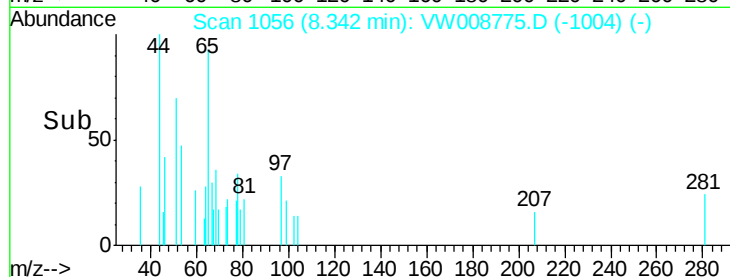
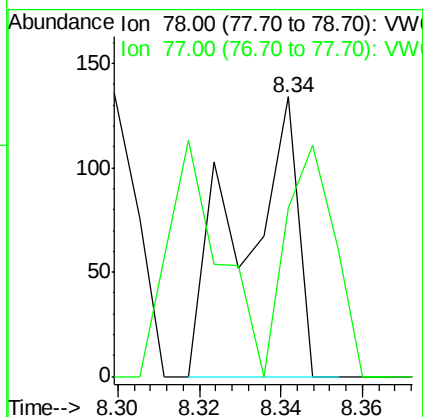
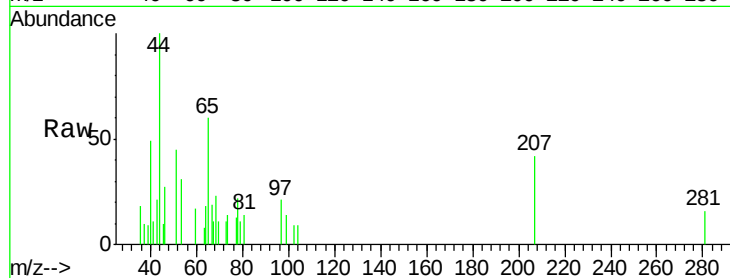
DRUM-1-2

Tot Ion: 78 Resp: 130

Ion Ratio Lower Upper

78 100

77 14.9 19.3 28.9#



#42

1,2-Dichloroethane

Concen: 0.510 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008775.D

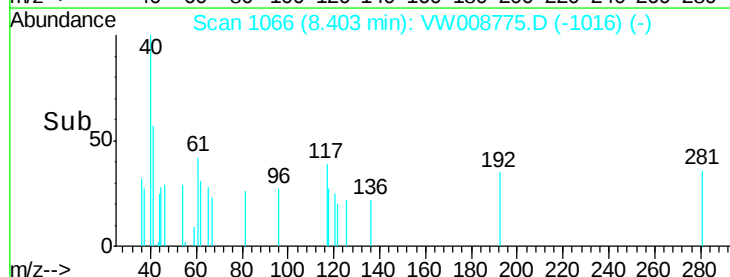
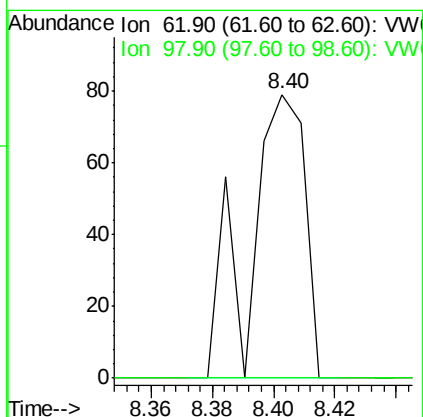
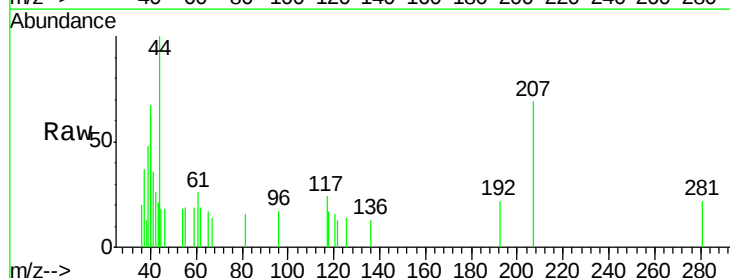
Acq: 21 Feb 2019 17:43

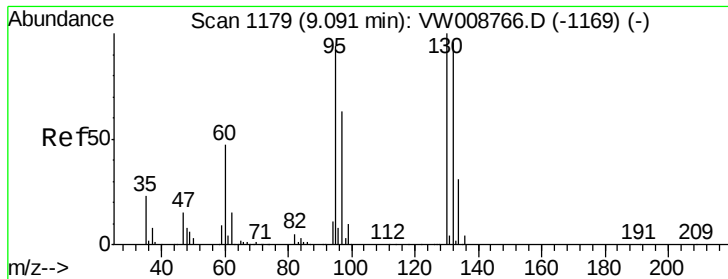
Tgt Ion: 62 Resp: 100

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2





#44

Trichloroethene

Concen: 0.126 ug/l

RT: 9.08 min Scan# 1177

Delta R.T. -0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

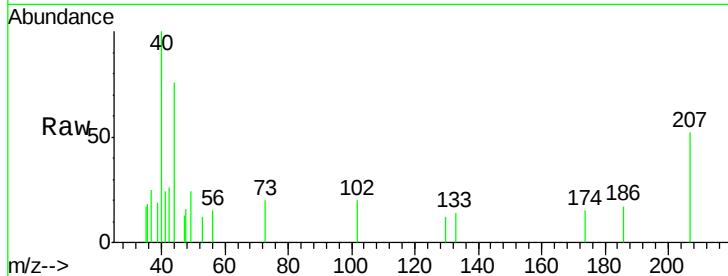
DRUM-1-2

Tot Ion:130 Resp: 22

Ion Ratio Lower Upper

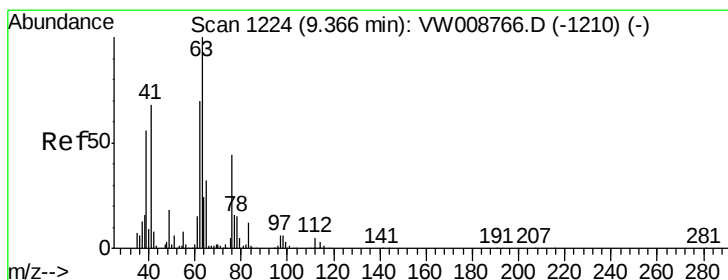
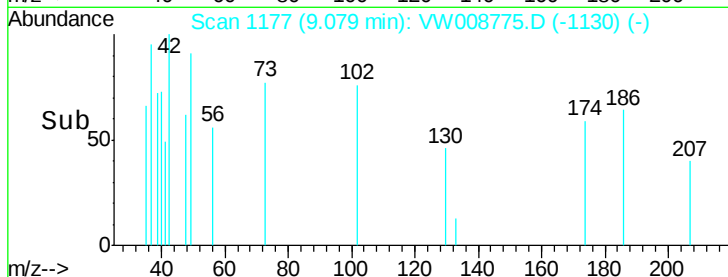
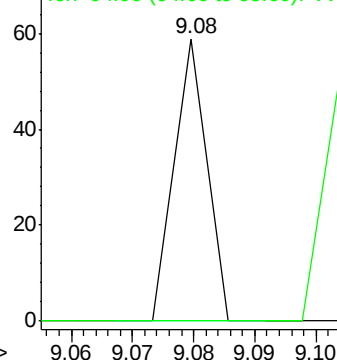
130 100

95 0.0 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 0.124 ug/l

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW008775.D

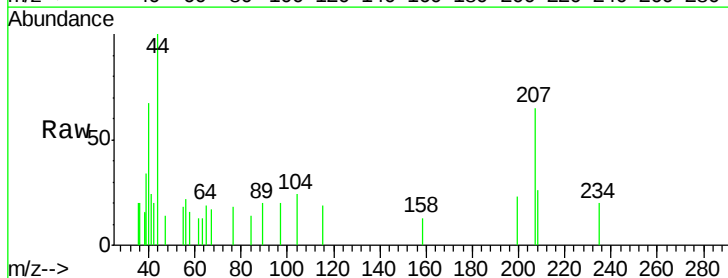
Acq: 21 Feb 2019 17:43

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

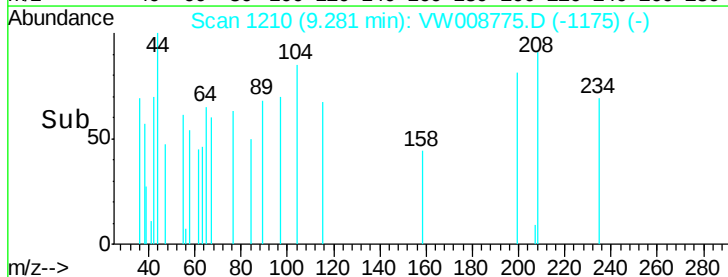
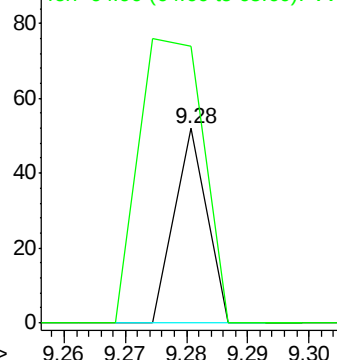
63 100

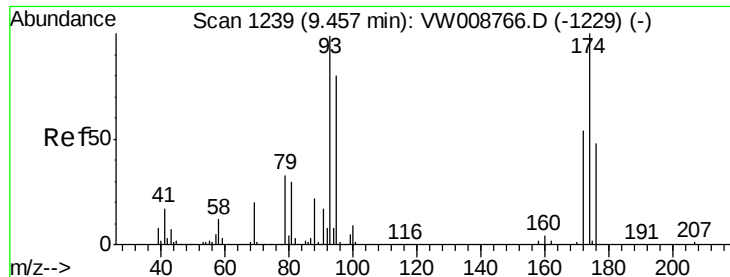
65 142.3 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 0.306 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.06 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

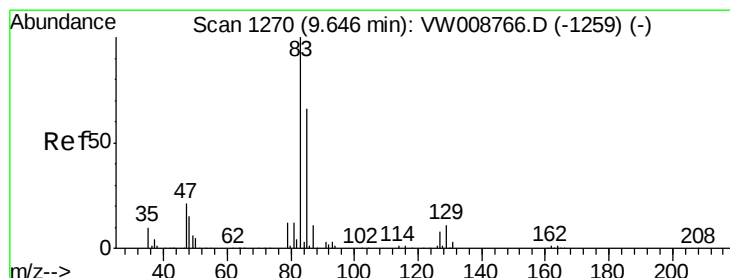
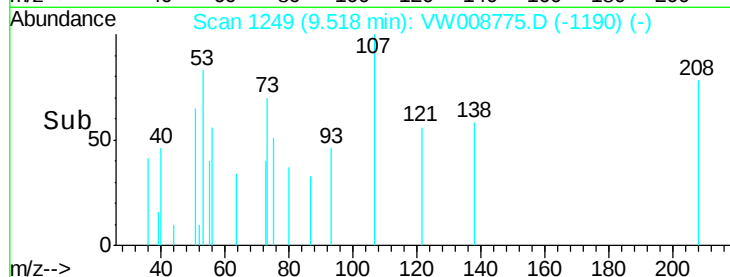
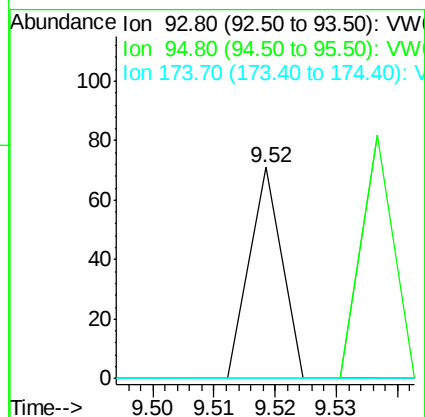
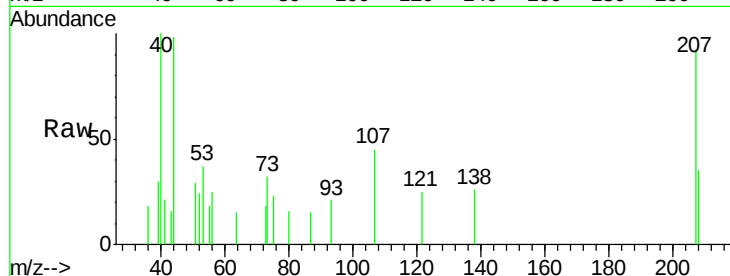
Tot Ion: 93 Resp: 26

Ion Ratio Lower Upper

93 100

95 115.4 67.7 101.5#

174 0.0 86.7 130.1#



#47

Bromodichloromethane

Concen: 0.237 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

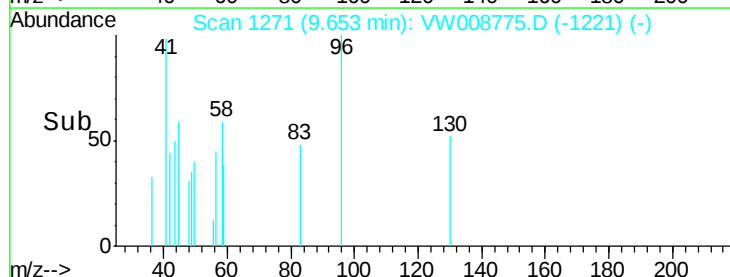
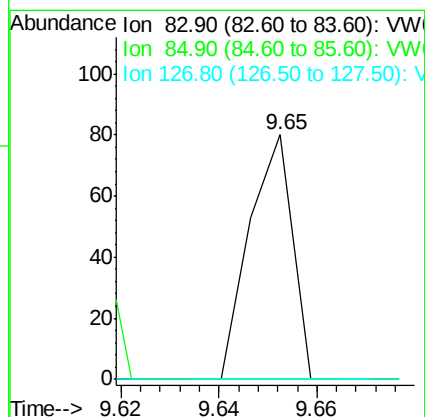
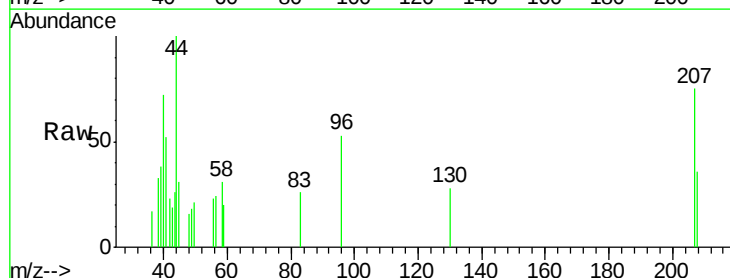
Tgt Ion: 83 Resp: 49

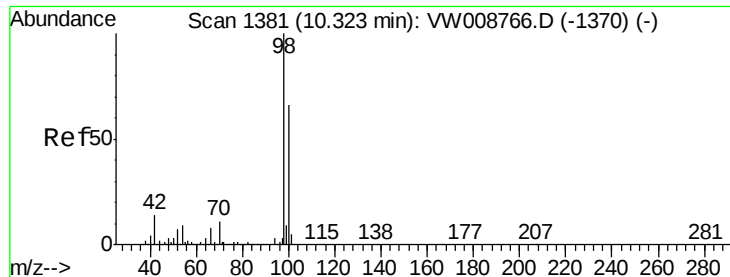
Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

127 0.0 6.7 10.1#





#50

Toluene-d8

Concen: 47.582 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

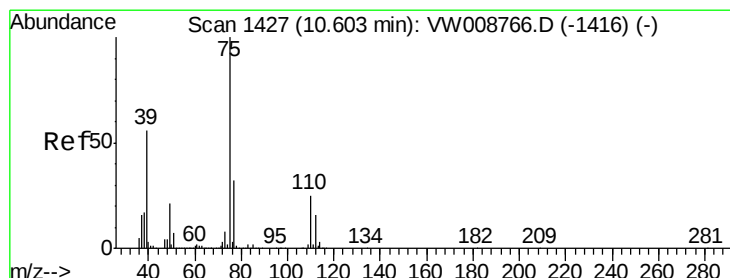
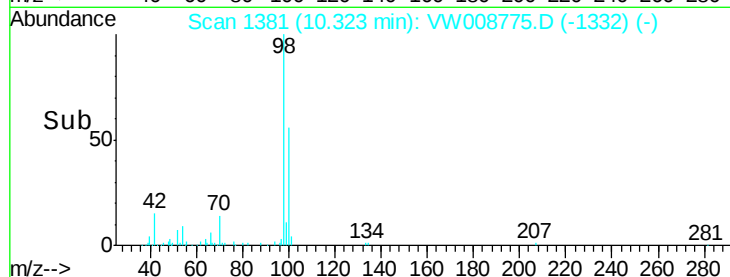
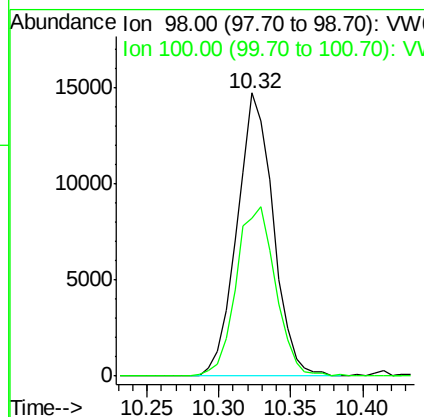
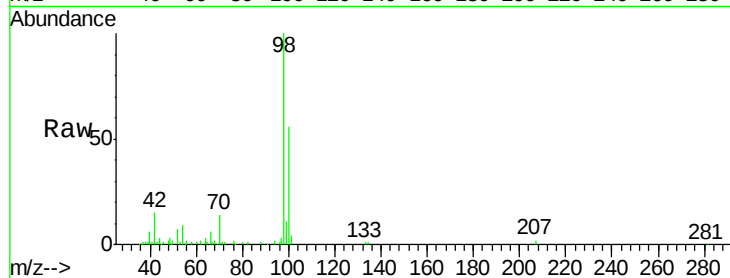
DRUM-1-2

Tot Ion: 98 Resp: 25684

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#53

t-1,3-Dichloropropene

Concen: 0.142 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.04 min

Lab File: VW008775.D

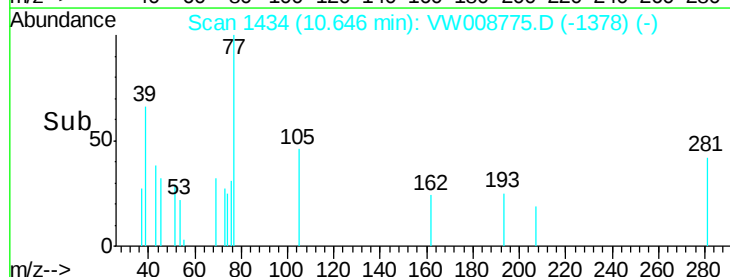
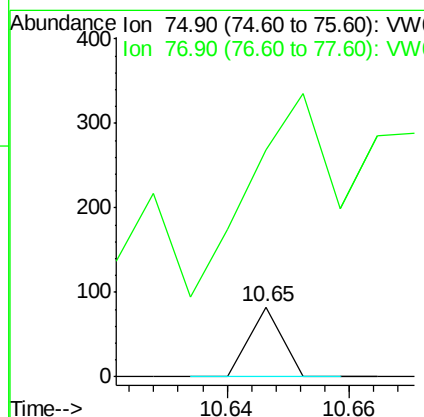
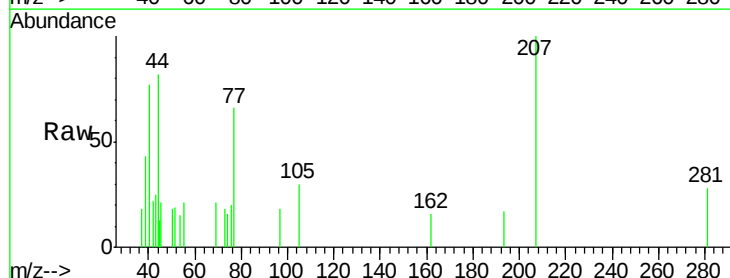
Acq: 21 Feb 2019 17:43

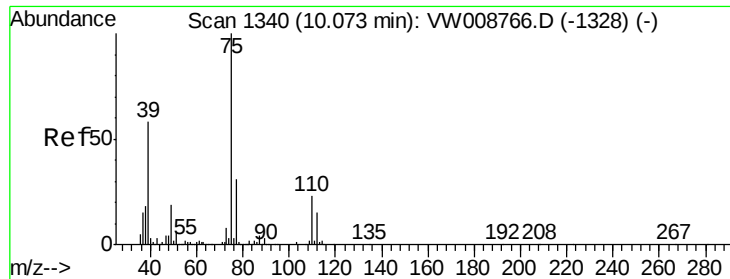
Tgt Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

77 209.6 26.1 39.1#





#54

cis-1,3-Dichloropropene

Concen: 0.083 ug/l

RT: 10.05 min Scan# 1337

Delta R.T. -0.02 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

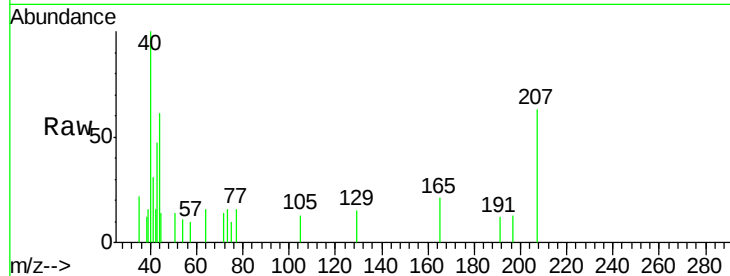
Tot Ion: 75 Resp: 20

Ion Ratio Lower Upper

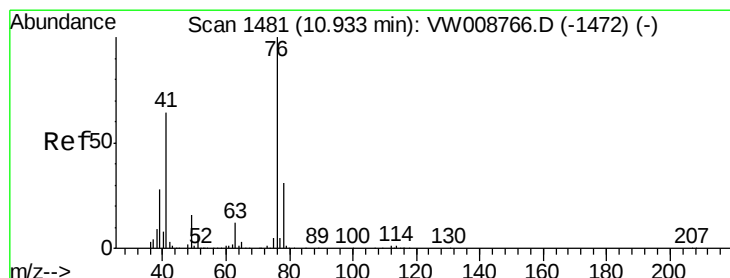
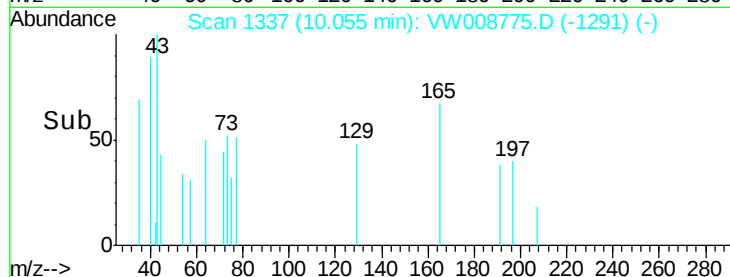
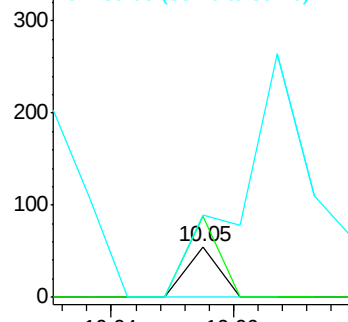
75 100

77 160.0 25.0 37.4#

39 163.6 46.6 70.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 76.90 (76.60 to 77.60): VW
Ion 39.00 (38.70 to 39.70): VW



#57

1,3-Dichloropropane

Concen: 0.118 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.04 min

Lab File: VW008775.D

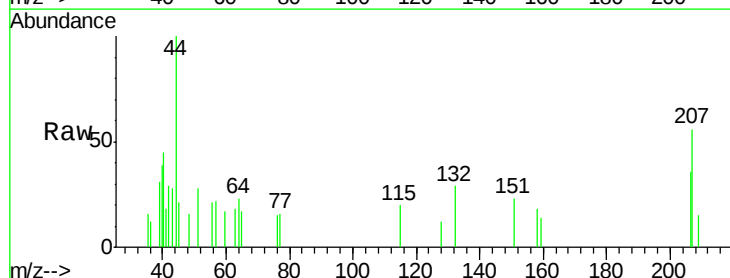
Acq: 21 Feb 2019 17:43

Tgt Ion: 76 Resp: 24

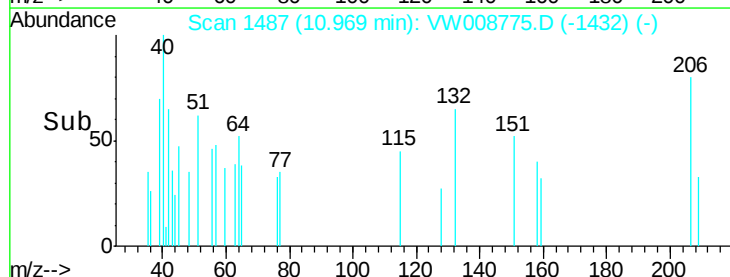
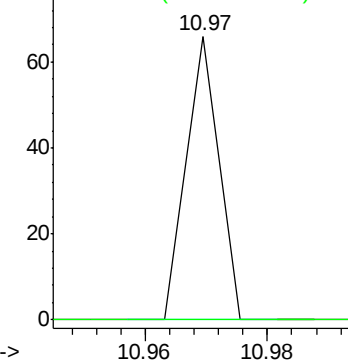
Ion Ratio Lower Upper

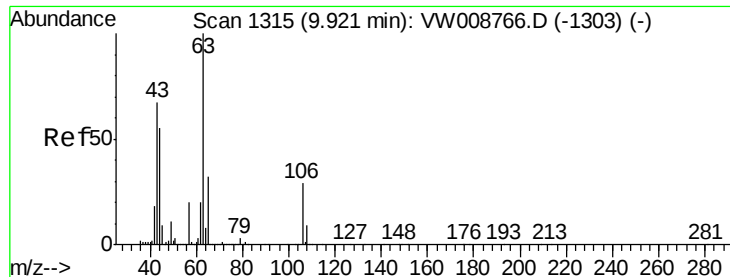
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW

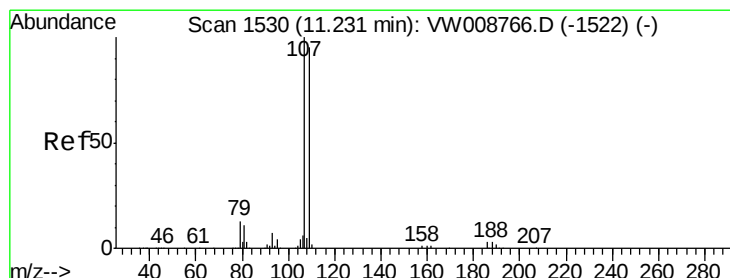
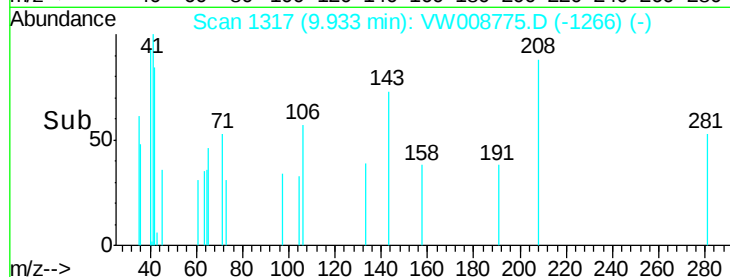
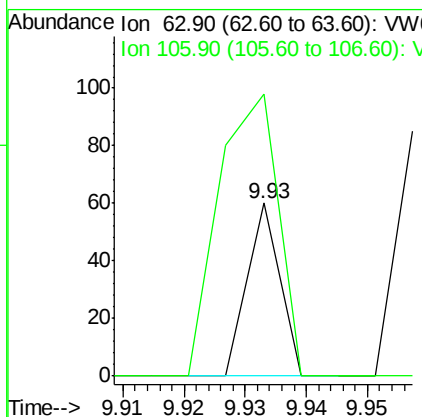
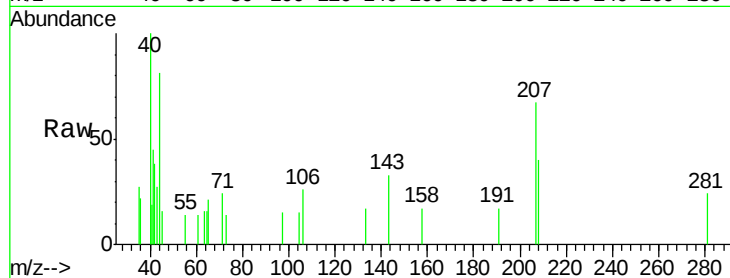




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.292 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW008775.D
 Acq: 21 Feb 2019 17:43

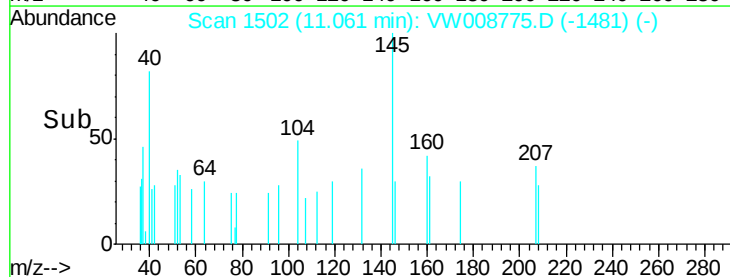
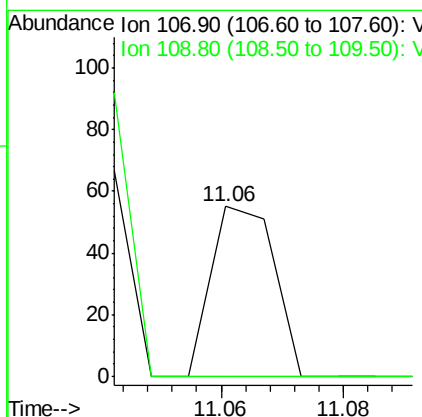
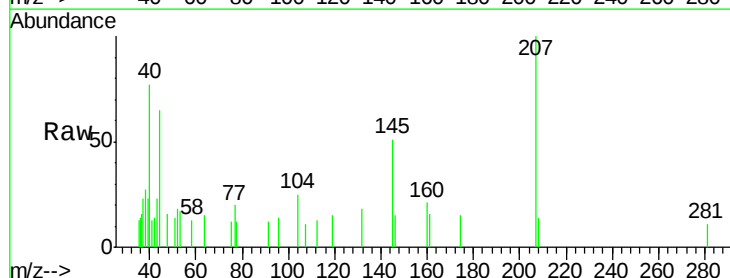
Instrument :
 MSVOA_W
 ClientSampled :
 DRUM-1-2

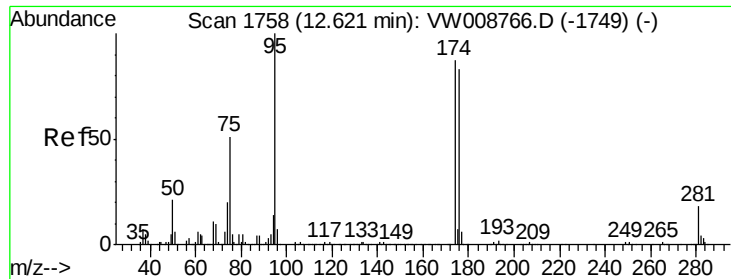
Tot Ion: 63 Resp: 22
 Ion Ratio Lower Upper
 63 100
 106 295.5 24.0 36.0#



#61
 1,2-Dibromoethane
 Concen: 0.341 ug/l
 RT: 11.06 min Scan# 1502
 Delta R.T. -0.17 min
 Lab File: VW008775.D
 Acq: 21 Feb 2019 17:43

Tgt Ion: 107 Resp: 39
 Ion Ratio Lower Upper
 107 100
 109 0.0 75.6 113.4#

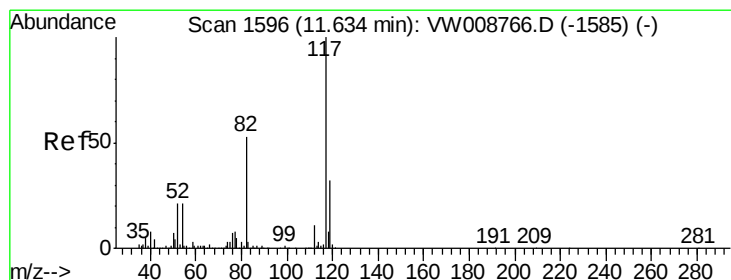
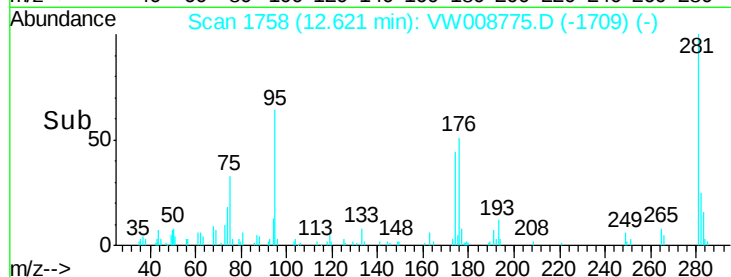
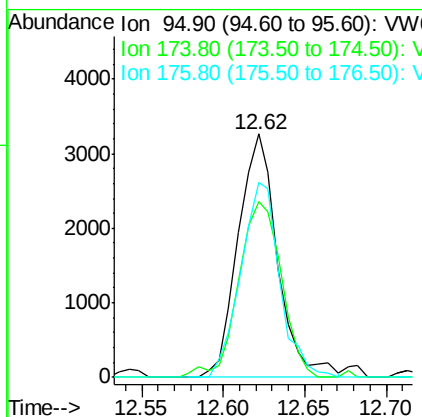
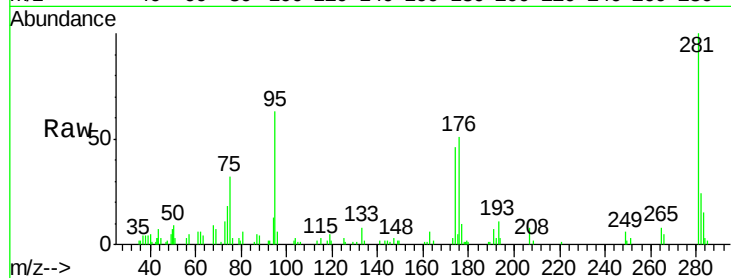




#62
4-Bromofluorobenzene
Concen: 26.028 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

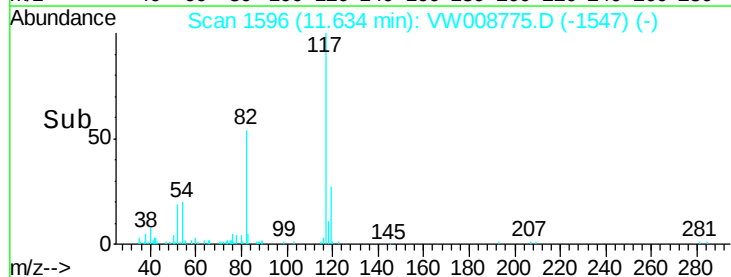
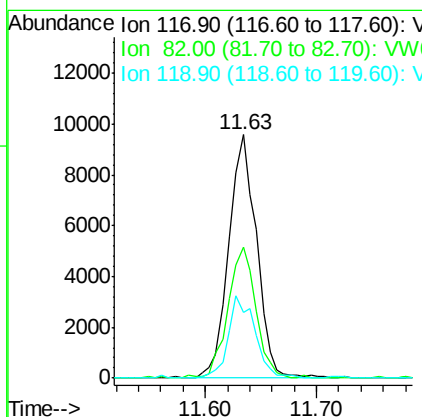
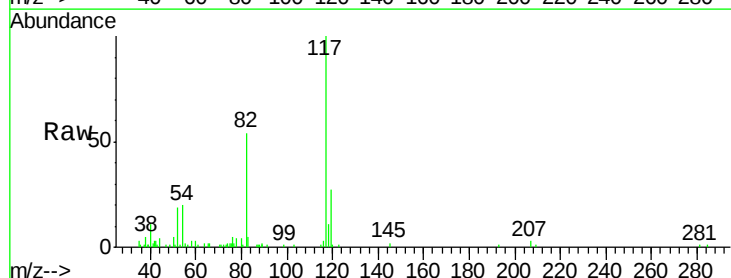
Instrument :
MSVOA_W
ClientSampleId :
DRUM-1-2

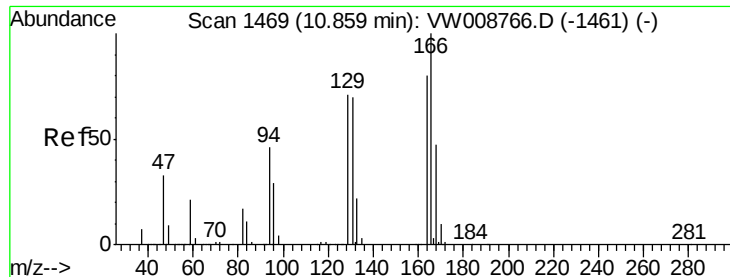
Tot Ion: 95 Resp: 5501
Ion Ratio Lower Upper
95 100
174 78.5 0.0 169.2
176 79.3 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Tgt Ion: 117 Resp: 16607
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 27.2 25.9 38.9





#64

Tetrachloroethene

Concen: 0.244 ug/l

RT: 10.71 min Scan# 1444

Delta R.T. -0.15 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

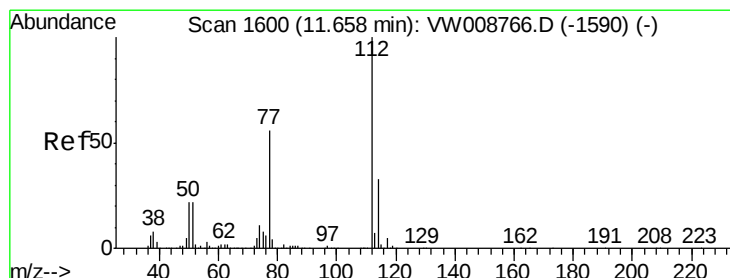
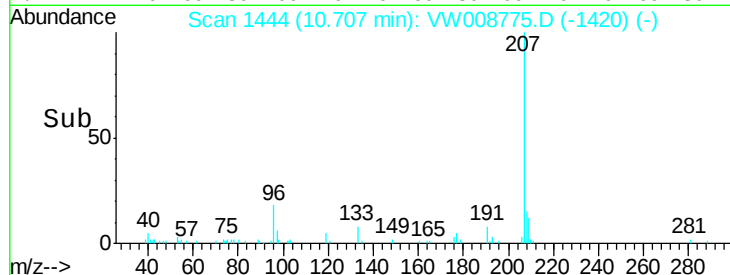
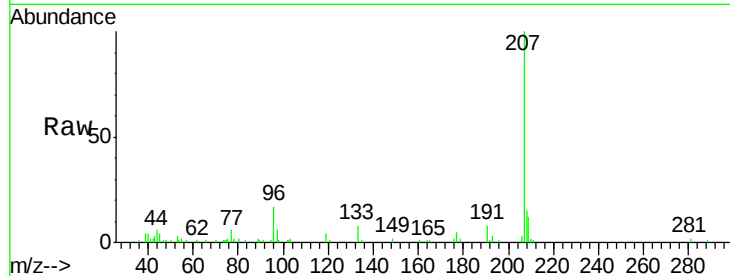
Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

Tot Ion:	164	Resp:	29
Ion	Ratio	Lower	Upper
164	100		
166	0.0	99.5	149.3#
129	0.0	71.1	106.7#
131	0.0	69.8	104.8#



#65

Chlorobenzene

Concen: 0.498 ug/l

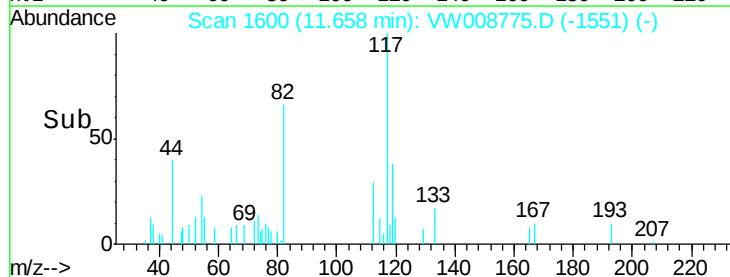
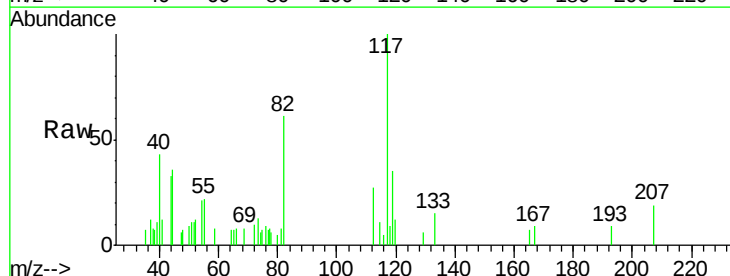
RT: 11.66 min Scan# 1600

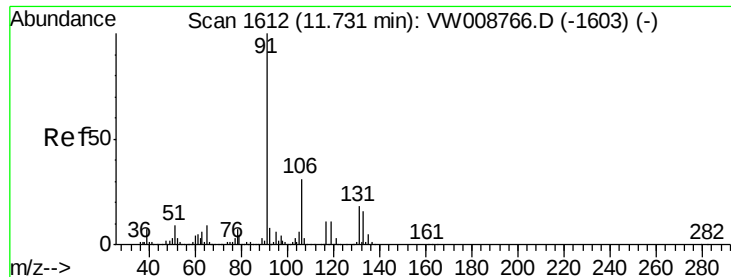
Delta R.T. 0.00 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Tgt Ion:	112	Resp:	174
Ion	Ratio	Lower	Upper
112	100		
114	39.9	26.6	40.0





#66

1,1,1,2-Tetrachloroethane

Concen: 0.745 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

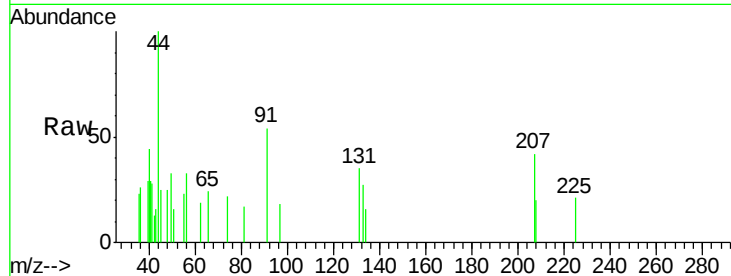
Tot Ion:131 Resp: 88

Ion Ratio Lower Upper

131 100

133 176.1 46.7 140.0#

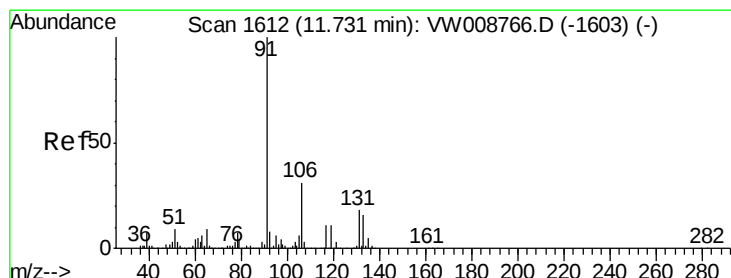
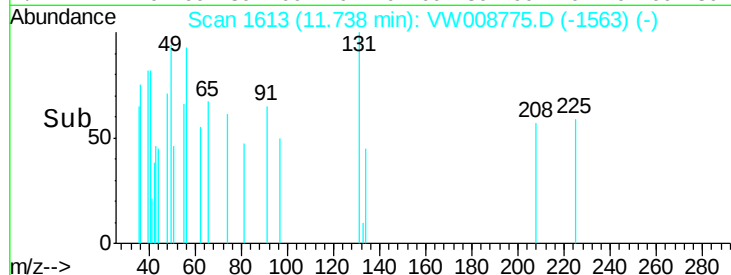
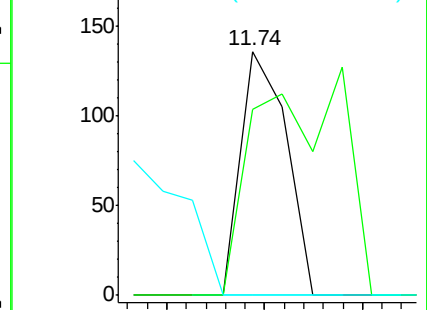
119 0.0 30.8 92.4#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.863 ug/l

RT: 11.74 min Scan# 1614

Delta R.T. 0.01 min

Lab File: VW008775.D

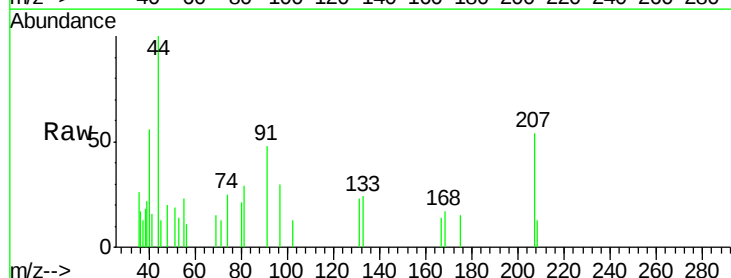
Acq: 21 Feb 2019 17:43

Tgt Ion: 91 Resp: 539

Ion Ratio Lower Upper

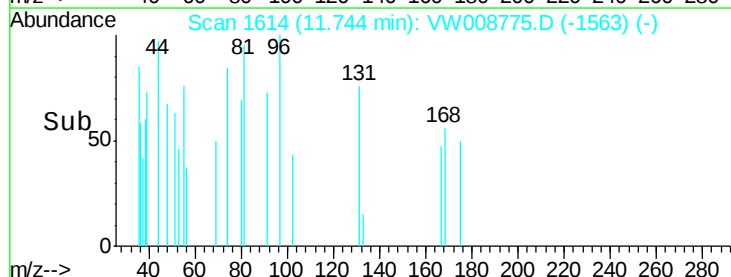
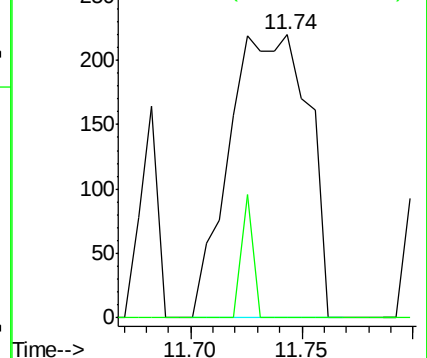
91 100

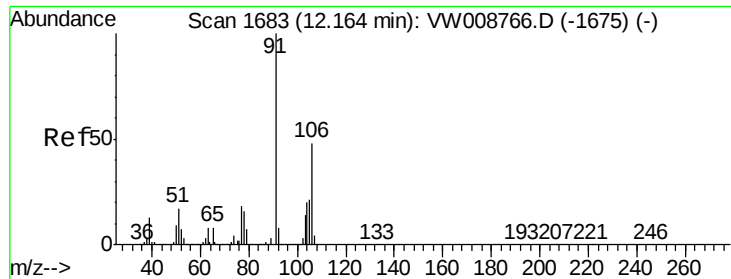
106 0.0 25.0 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

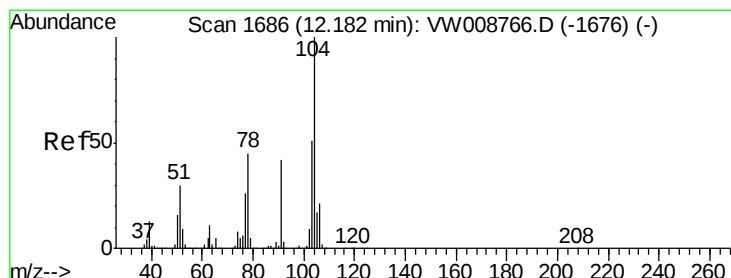
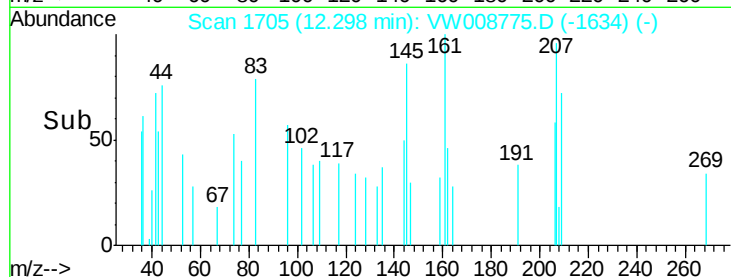
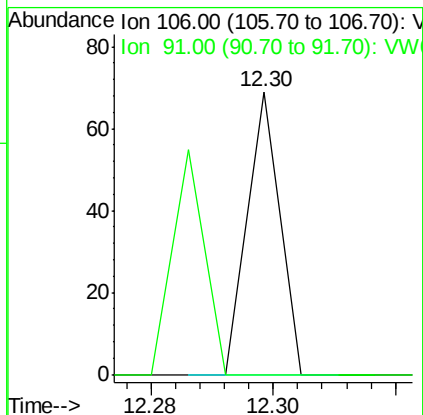
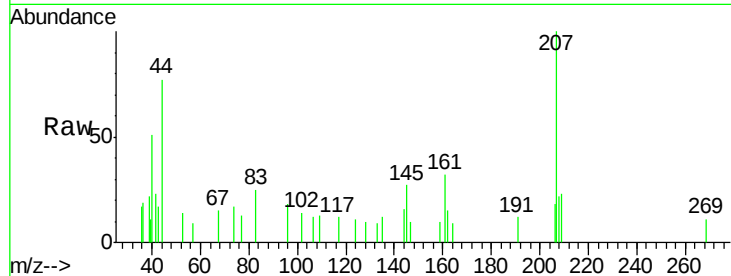




#69
o-Xylene
Concen: 0.107 ug/l
RT: 12.30 min Scan# 1705
Delta R.T. 0.13 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

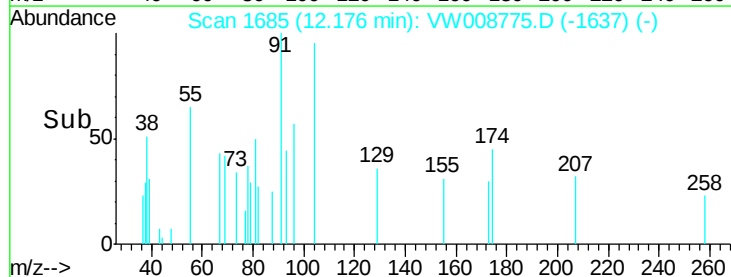
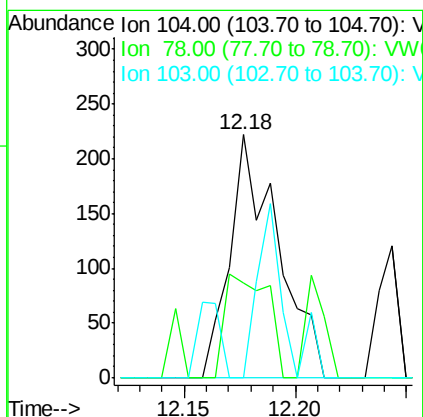
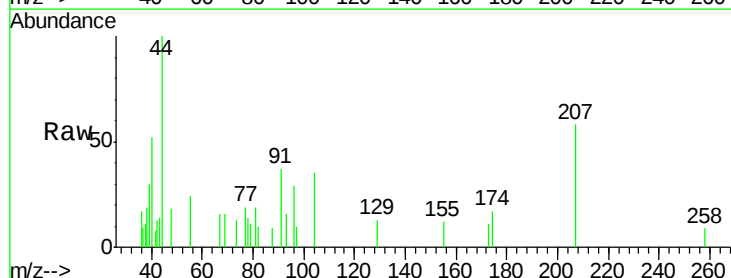
Instrument :
MSVOA_W
ClientSampleId :
DRUM-1-2

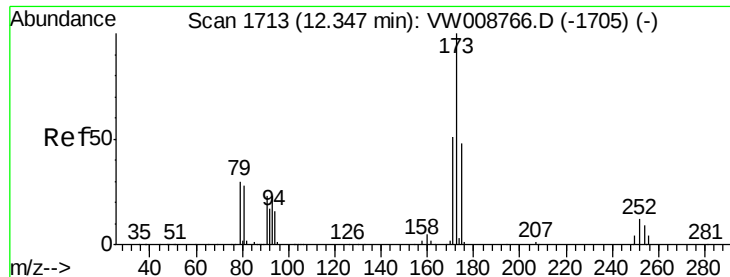
Tot Ion:106 Resp: 25
Ion Ratio Lower Upper
106 100
91 80.0 106.2 318.6#



#70
Styrene
Concen: 0.887 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW008775.D
Acq: 21 Feb 2019 17:43

Tgt Ion:104 Resp: 334
Ion Ratio Lower Upper
104 100
78 37.7 40.8 61.2#
103 15.0 44.2 66.2#





#71

Bromoform

Concen: 0.410 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. -0.17 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-2

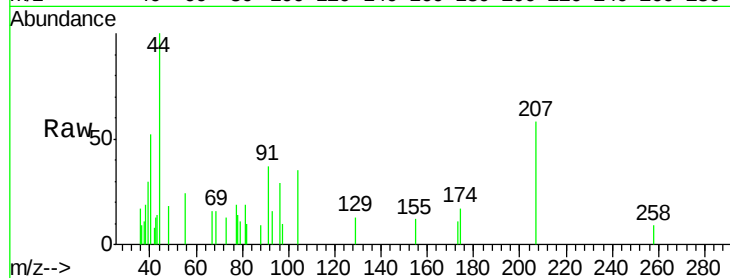
Tot Ion:173 Resp: 26

Ion Ratio Lower Upper

173 100

175 107.7 24.2 72.6#

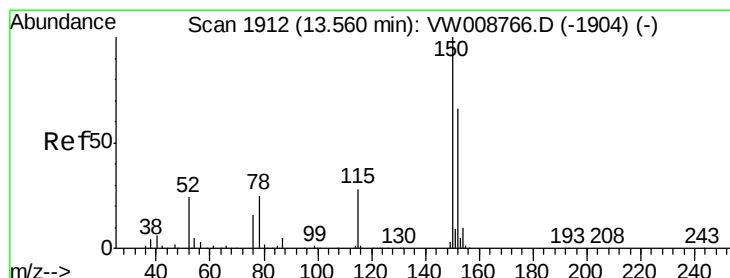
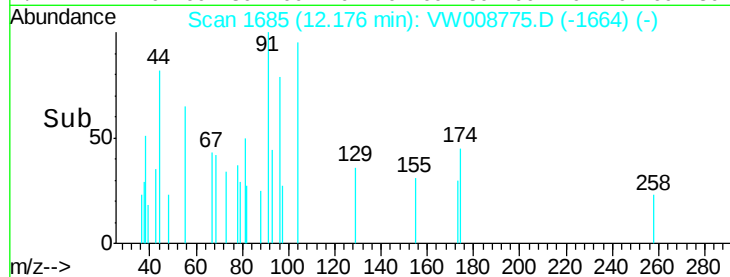
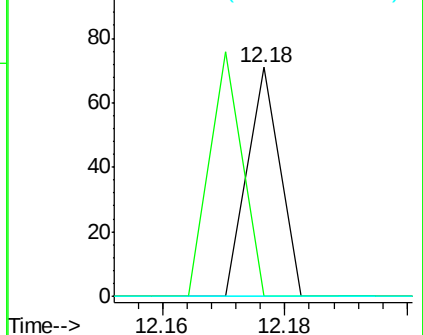
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

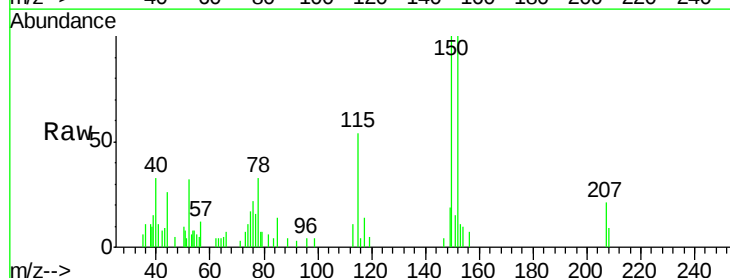
Tgt Ion:152 Resp: 2872

Ion Ratio Lower Upper

152 100

115 67.4 28.6 85.8

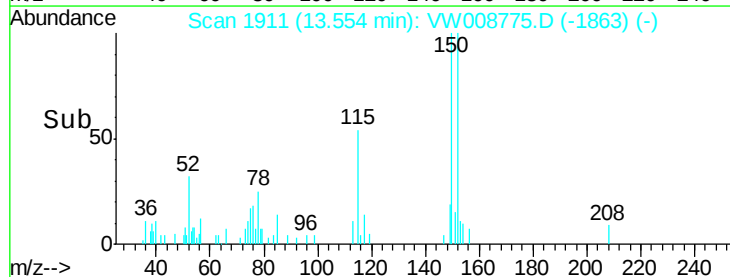
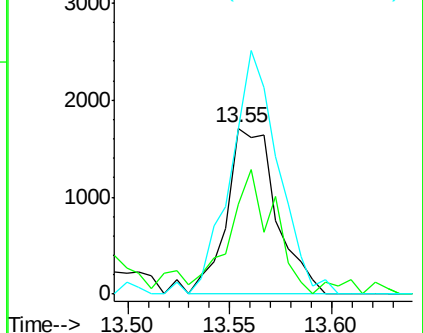
150 142.6 0.0 348.0

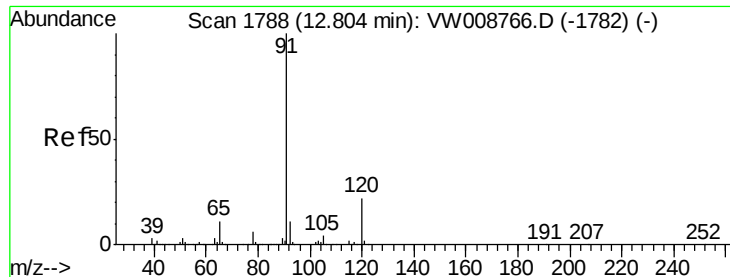


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.457 ug/l

RT: 13.05 min Scan# 1829

Delta R.T. 0.25 min

Lab File: VW008775.D

Acq: 21 Feb 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

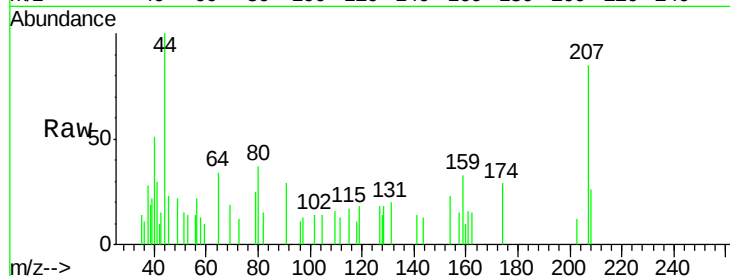
DRUM-1-2

Tot Ion: 91 Resp: 110

Ion Ratio Lower Upper

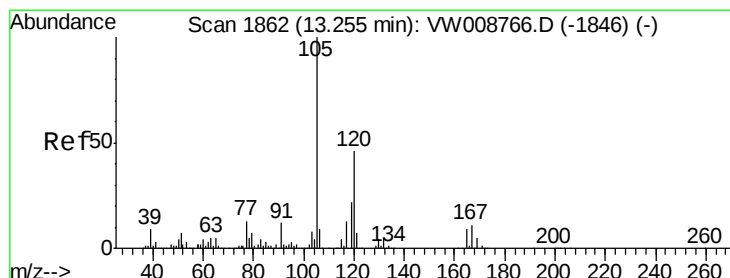
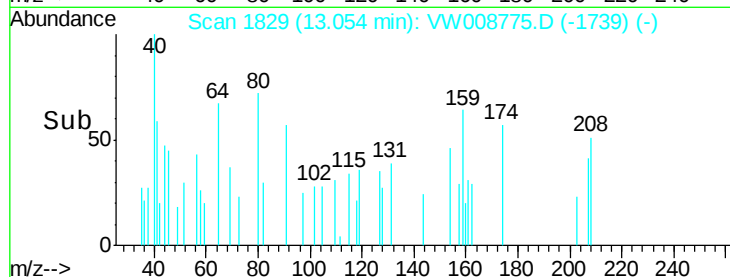
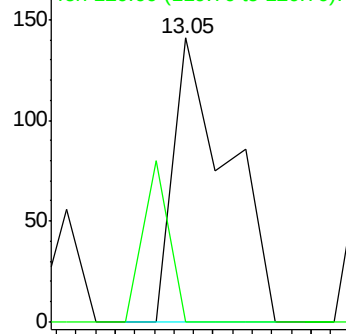
91 100

120 26.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.356 ug/l

RT: 13.01 min Scan# 1822

Delta R.T. -0.24 min

Lab File: VW008775.D

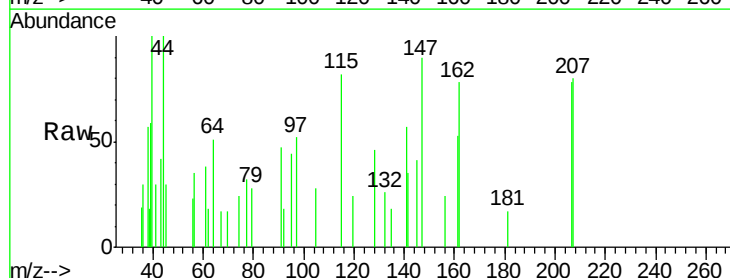
Acq: 21 Feb 2019 17:43

Tgt Ion: 105 Resp: 63

Ion Ratio Lower Upper

105 100

120 55.6 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

