

Data File : VW008763.D
Acq On : 21 Feb 2019 10:56
Operator : SY/VA
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Feb 22 00:22:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:19:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	344970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	492865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	265365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	15907	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	
35) Dibromofluoromethane	7.88	113	15412	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	
50) Toluene-d8	10.32	98	56822	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	
62) 4-Bromofluorobenzene	12.62	95	22788	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	18191	5.265 ug/l	98
3) Chloromethane	2.21	50	21927	5.213 ug/l	94
4) Vinyl Chloride	2.36	62	20702	4.649 ug/l	90
5) Bromomethane	2.76	94	17431	5.270 ug/l	95
6) Chloroethane	2.92	64	16858	5.331 ug/l #	88
7) Trichlorofluoromethane	3.26	101	27221	4.833 ug/l	98
8) Diethyl Ether	3.69	74	8709	4.884 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	16675	4.876 ug/l	98
10) Methyl Iodide	4.27	142	17106	4.000 ug/l	98
11) Tert butyl alcohol	5.15	59	7239	25.761 ug/l #	87
12) 1,1-Dichloroethene	4.03	96	14839	4.913 ug/l	95
13) Acrolein	3.90	56	5906	21.682 ug/l	99
14) Allyl chloride	4.67	41	23068	4.425 ug/l	93
15) Acrylonitrile	5.37	53	17617	23.022 ug/l	94
16) Acetone	4.14	43	18196	24.262 ug/l	91
17) Carbon Disulfide	4.38	76	46326	4.623 ug/l	96
18) Methyl Acetate	4.68	43	10180	5.723 ug/l	95
19) Methyl tert-butyl Ether	5.43	73	37482	4.585 ug/l	99
20) Methylene Chloride	4.92	84	31115	7.037 ug/l #	86
21) trans-1,2-Dichloroethene	5.43	96	17129	4.903 ug/l	85
22) Diisopropyl ether	6.31	45	46972	4.517 ug/l	91
23) Vinyl Acetate	6.26	43	132119	20.563 ug/l	96
24) 1,1-Dichloroethane	6.22	63	28774	4.775 ug/l	99
25) 2-Butanone	7.17	43	22807	21.752 ug/l	91
26) 2,2-Dichloropropane	7.17	77	28267	5.167 ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	17942	4.801 ug/l	99
28) Bromochloromethane	7.51	49	12535	4.971 ug/l #	13
29) Tetrahydrofuran	7.54	42	15064	22.545 ug/l	98
30) Chloroform	7.68	83	29975	4.849 ug/l	92
31) Cyclohexane	7.95	56	33367	5.470 ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	26890	4.783 ug/l	97
36) 1,1-Dichloropropene	8.09	75	23522	4.903 ug/l	98
37) Ethyl Acetate	7.26	43	9535	4.274 ug/l #	78
38) Carbon Tetrachloride	8.07	117	24802	4.902 ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28162	4.706	ug/l	90
40) Benzene	8.32	78	63445	4.843	ug/l	97
41) Methacrylonitrile	7.50	41	7206	5.495	ug/l	87
42) 1,2-Dichloroethane	8.40	62	19562	4.714	ug/l	94
43) Isopropyl Acetate	8.42	43	20085	4.511	ug/l #	97
44) Trichloroethene	9.09	130	18248	4.945	ug/l	97
45) 1,2-Dichloropropane	9.37	63	16072	4.965	ug/l	89
46) Dibromomethane	9.46	93	8707	4.836	ug/l	98
47) Bromodichloromethane	9.64	83	20301	4.634	ug/l	91
48) Methyl methacrylate	9.44	41	9941	4.661	ug/l	93
49) 1,4-Dioxane	9.45	88	2740	95.026	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	51574	22.814	ug/l	97
52) Toluene	10.39	92	44078	4.958	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	19662	4.403	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	22308	4.380	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	11594	4.748	ug/l	97
56) Ethyl methacrylate	10.65	69	13336	4.204	ug/l	97
57) 1,3-Dichloropropane	10.93	76	20952	4.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	35505	22.252	ug/l	97
59) 2-Hexanone	10.97	43	33549	20.848	ug/l	94
60) Dibromochloromethane	11.13	129	13412	4.503	ug/l	95
61) 1,2-Dibromoethane	11.23	107	11144	4.611	ug/l	98
64) Tetrachloroethene	10.86	164	16710	4.928	ug/l	95
65) Chlorobenzene	11.66	112	48931	4.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15637	4.643	ug/l	99
67) Ethyl Benzene	11.73	91	84919	4.769	ug/l	100
68) m/p-Xylenes	11.84	106	68867	9.679	ug/l	96
69) o-Xylene	12.17	106	31918	4.780	ug/l	99
70) Styrene	12.18	104	48894	4.551	ug/l	97
71) Bromoform	12.35	173	8127	4.489	ug/l #	94
73) Isopropylbenzene	12.47	105	83525	4.591	ug/l	98
74) N-amyl acetate	12.27	43	19337	4.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	14386	4.840	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	18751	8.167	ug/l #	100
77) Bromobenzene	12.75	156	21388	4.975	ug/l	93
78) n-propylbenzene	12.80	91	103259	4.640	ug/l	96
79) 2-Chlorotoluene	12.89	91	60307	4.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	71874	4.546	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3744	4.154	ug/l	89
82) 4-Chlorotoluene	12.99	91	63535	4.772	ug/l	99
83) tert-Butylbenzene	13.21	119	61478	4.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	74859	4.574	ug/l	100
85) sec-Butylbenzene	13.38	105	90796	4.619	ug/l	98
86) p-Isopropyltoluene	13.50	119	82366	4.571	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	43970	4.930	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	43318	4.928	ug/l	89
89) n-Butylbenzene	13.83	91	77163	4.571	ug/l	100
90) Hexachloroethane	14.10	117	13116	4.446	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	39354	4.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2505	4.659	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Quantitation Report (Not Reviewed)

Data File : VW008763.D
Acq On : 21 Feb 2019 10:56
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Feb 22 00:22:14 2019
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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:19:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26330	4.598	ug/l	96
94) Hexachlorobutadiene	15.24	225	16323	4.839	ug/l	94
95) Naphthalene	15.37	128	41358	4.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23648	4.776	ug/l	97

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

Data File : VW008763.D

Acq On : 21 Feb 2019 10:56

Operator : SY/VA

Sample : VSTDICC005

Misc : 5.00G/5ML/MSVOA W/SOIL

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

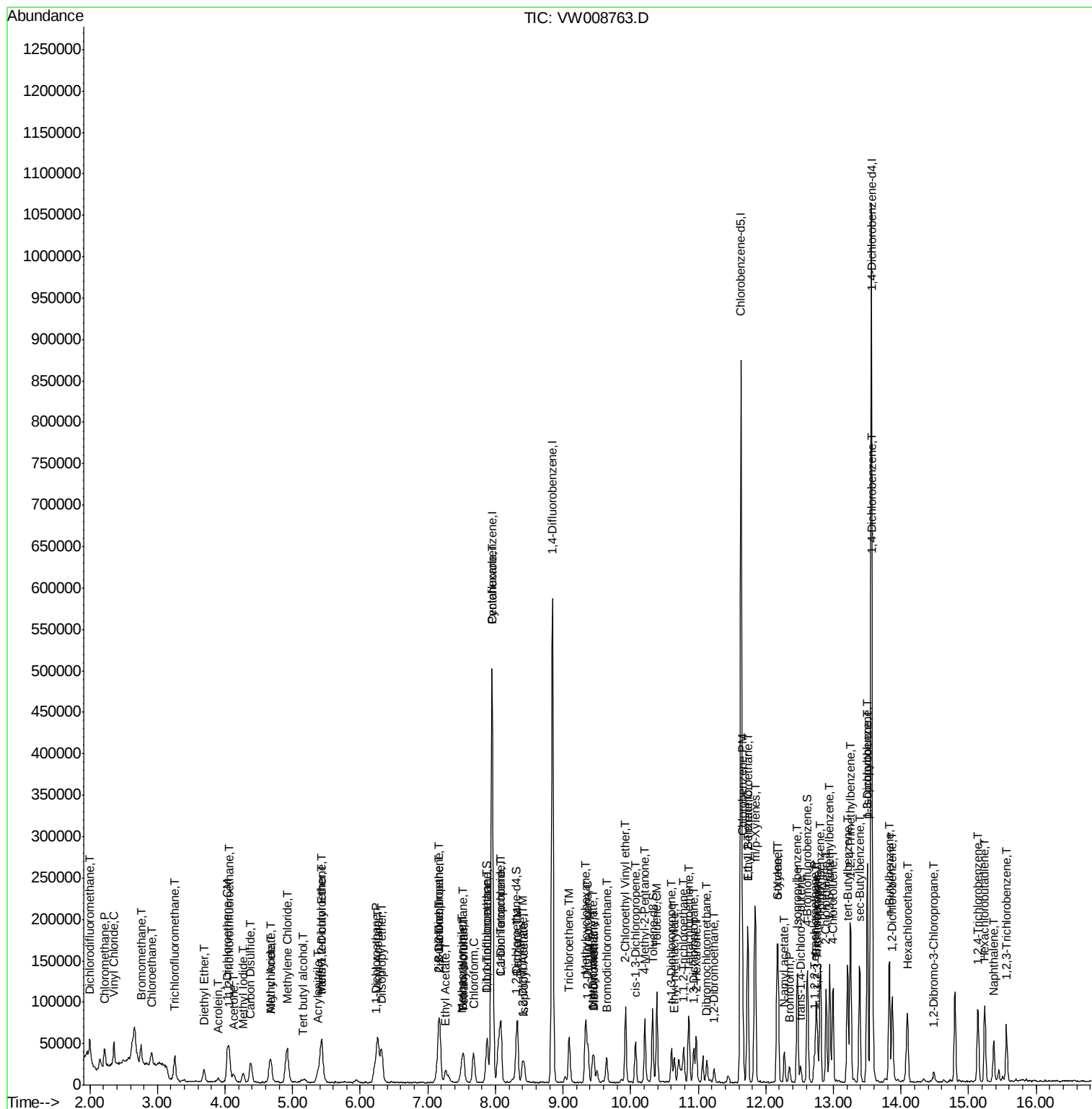
Quant Time: Feb 22 00:22:14 2019

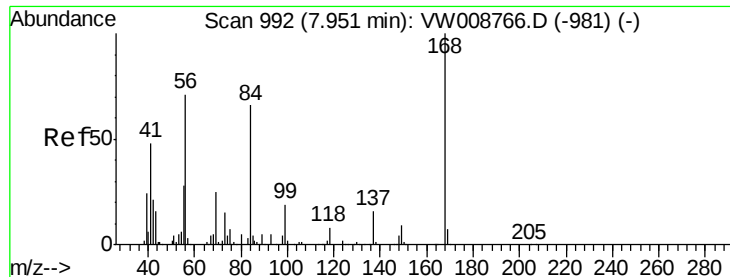
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W022119S.M

Quant Title : SW846 8260

QLast Update : Fri Feb 22 00:19:35 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

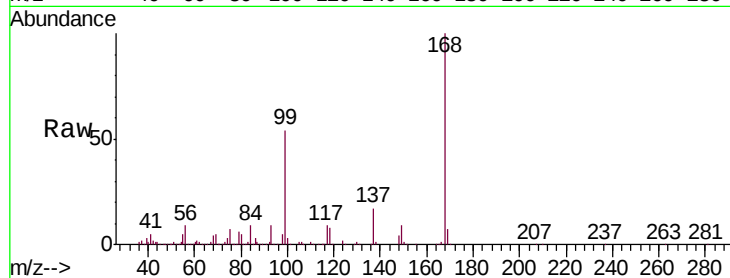
VSTDIC005

Tgt Ion:168 Resp: 344970

Ion Ratio Lower Upper

168 100

99 54.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

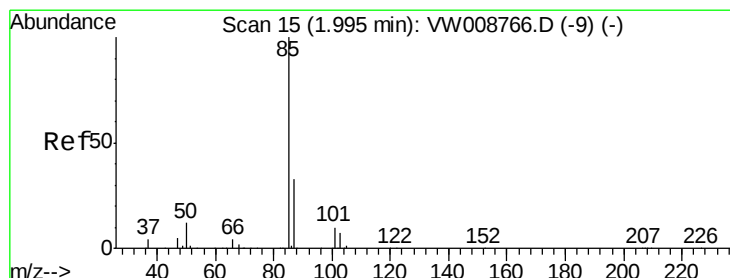
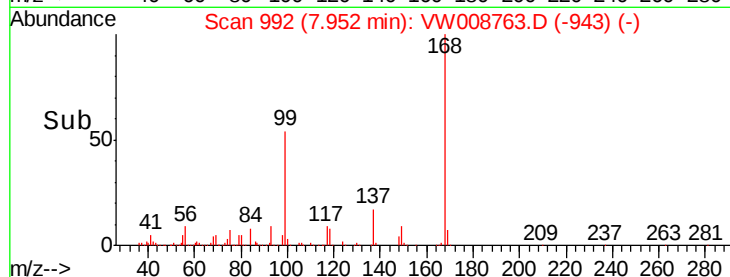
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 5.265 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008763.D

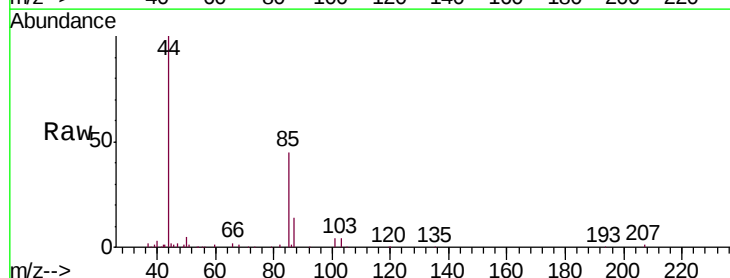
Acq: 21 Feb 2019 10:56

Tgt Ion: 85 Resp: 18191

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

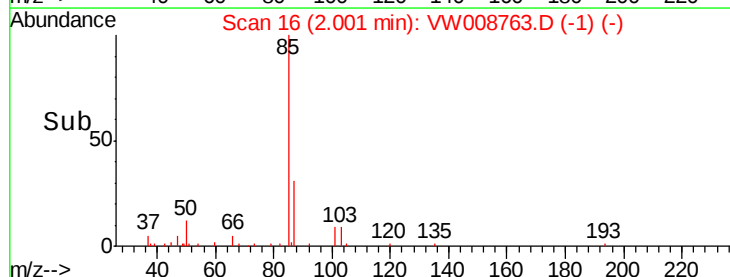
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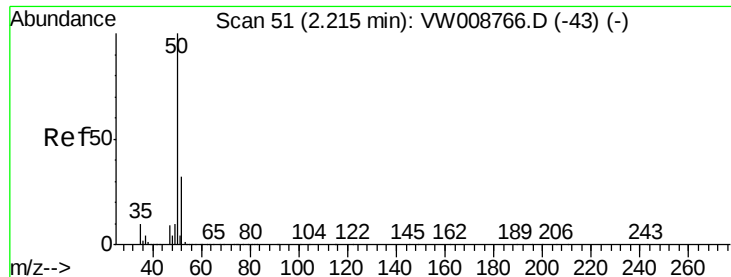
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 5.213 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

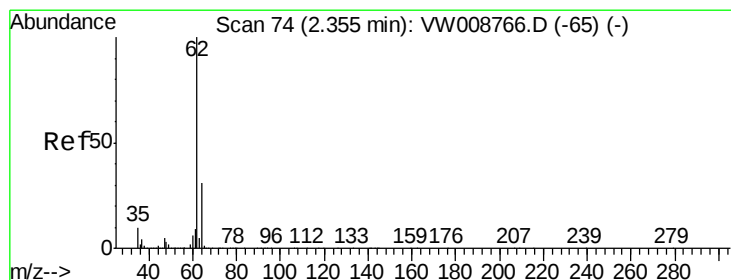
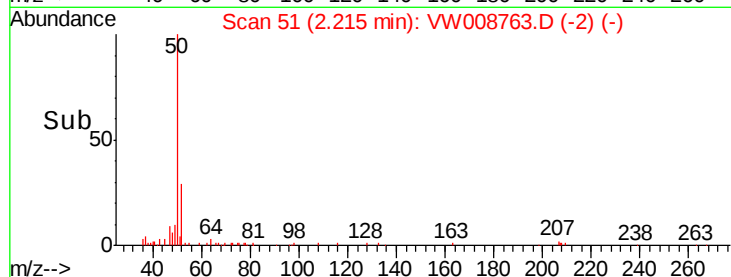
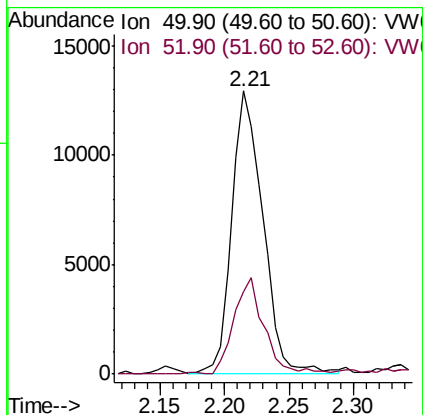
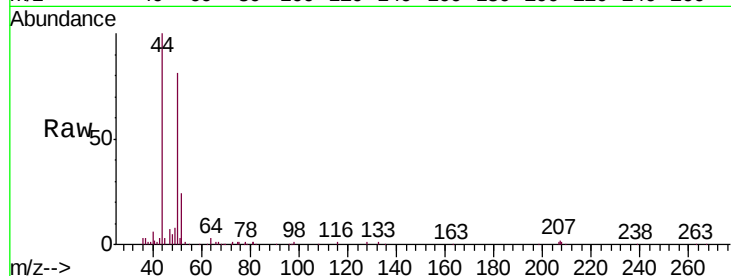
VSTDIC005

Tgt Ion: 50 Resp: 21927

Ion Ratio Lower Upper

50 100

52 28.8 25.9 38.9



#4

Vinyl Chloride

Concen: 4.649 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008763.D

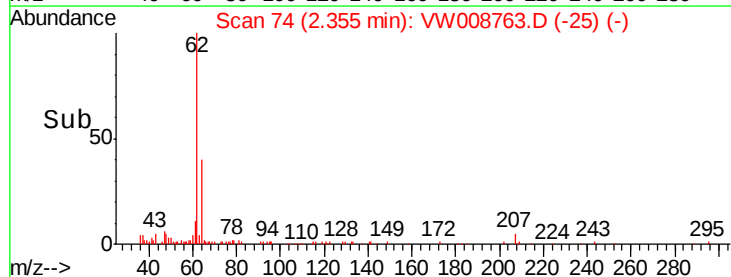
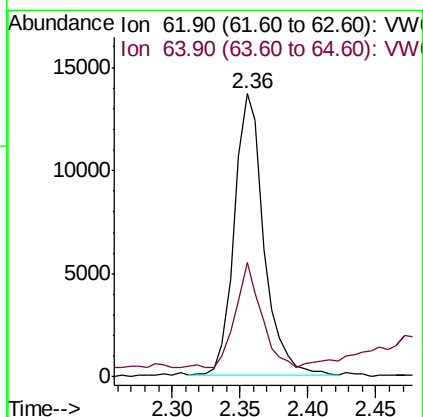
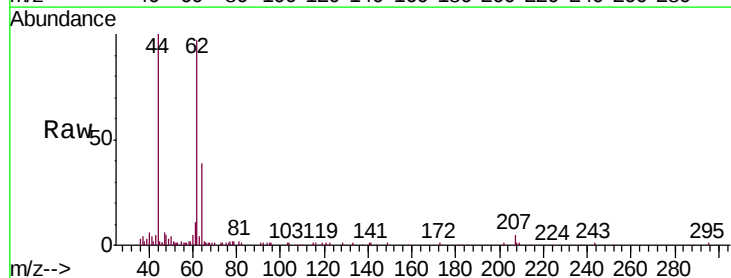
Acq: 21 Feb 2019 10:56

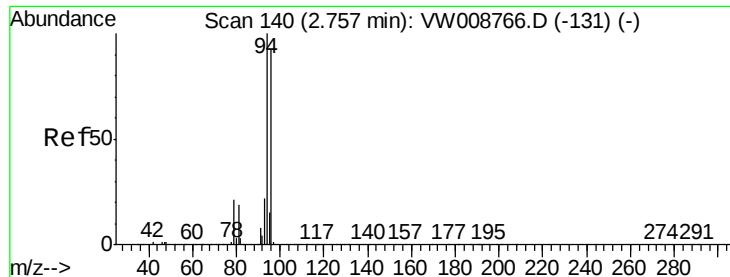
Tgt Ion: 62 Resp: 20702

Ion Ratio Lower Upper

62 100

64 36.7 24.9 37.3





#5

Bromomethane

Concen: 5.270 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW008763.D

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Instrument :

MSVOA_W

ClientSampleId :

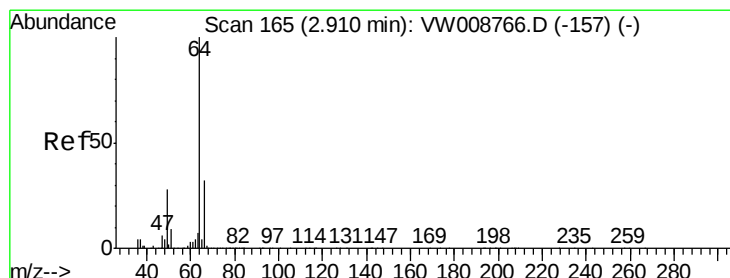
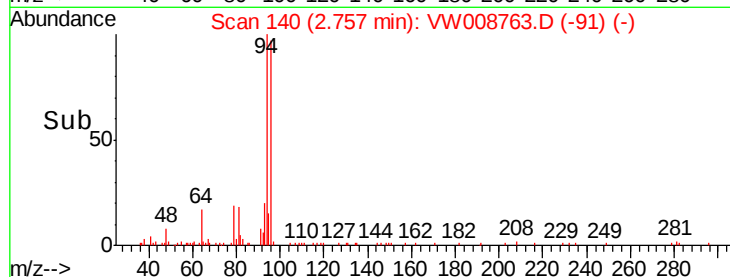
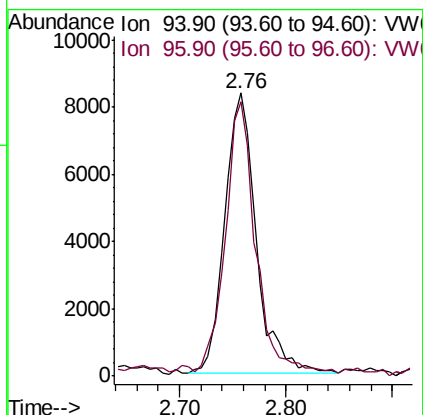
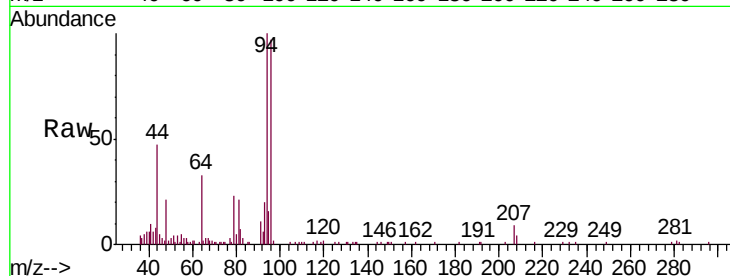
VSTDIC005

Tgt Ion: 94 Resp: 17431

Ion Ratio Lower Upper

94 100

96 96.7 73.4 110.2



#6

Chloroethane

Concen: 5.331 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW008763.D

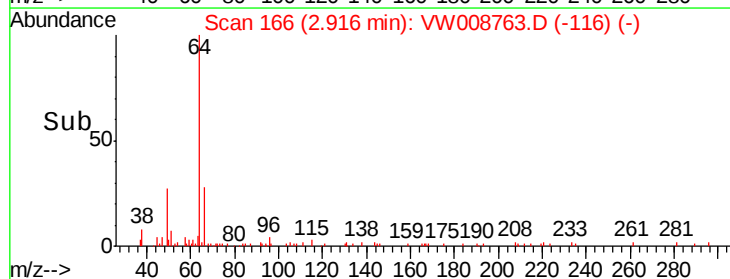
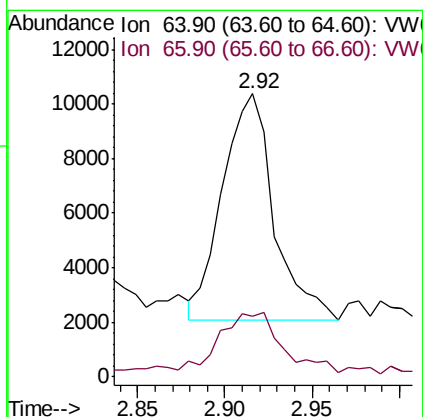
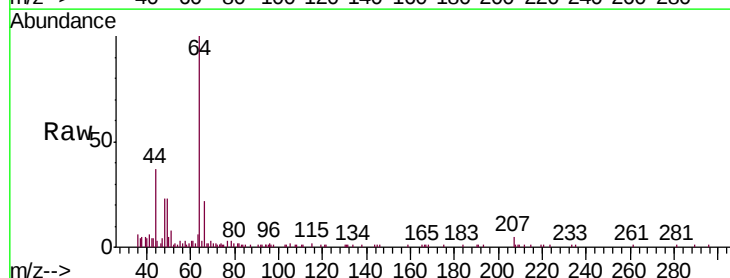
Acq: 21 Feb 2019 10:56

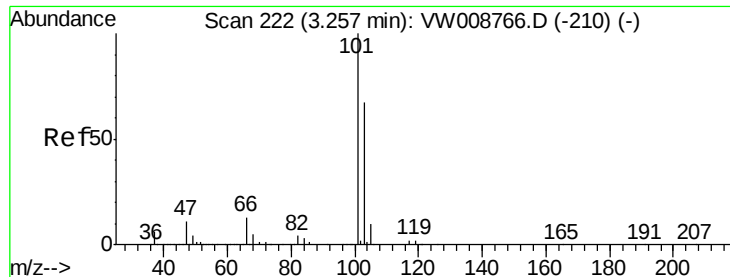
Tgt Ion: 64 Resp: 16858

Ion Ratio Lower Upper

64 100

66 25.1 25.5 38.3#



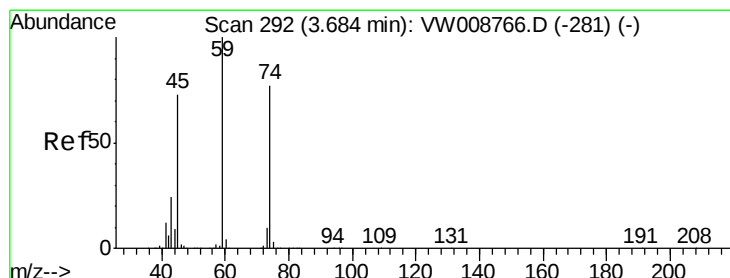
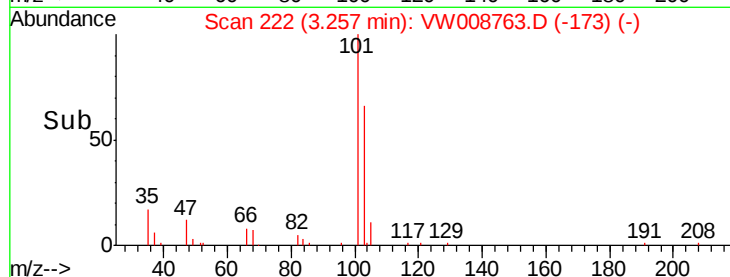
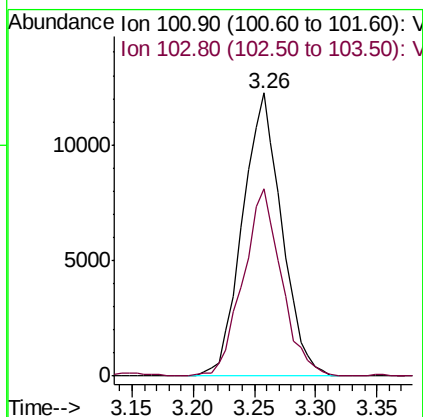
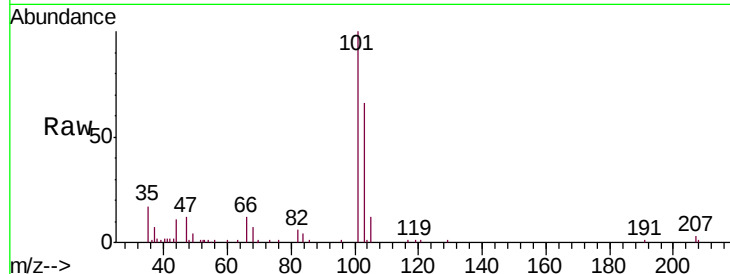


#7

Trichlorofluoromethane
 Concen: 4.833 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008763.D
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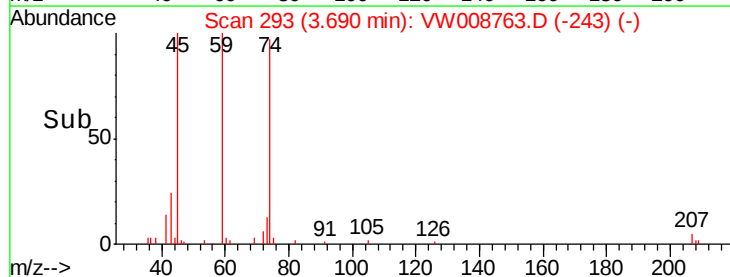
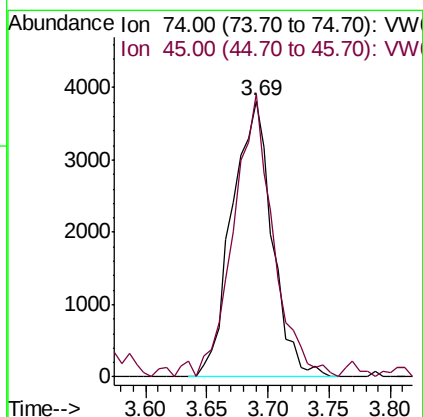
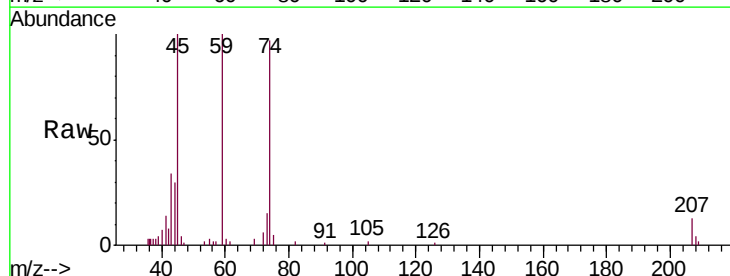
Tgt Ion:101 Resp: 27221
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.9 80.9

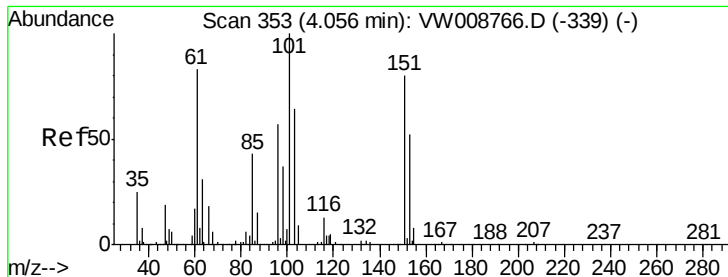


#8

Diethyl Ether
 Concen: 4.884 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion: 74 Resp: 8709
 Ion Ratio Lower Upper
 74 100
 45 101.3 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.876 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

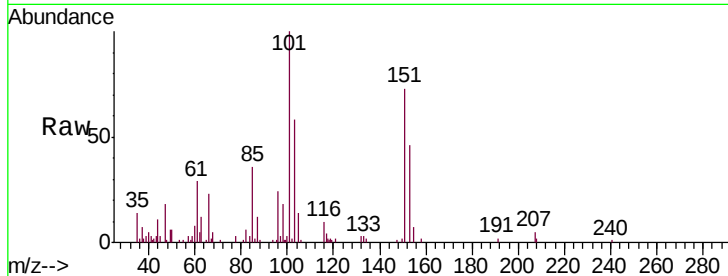
Tgt Ion:101 Resp: 16675

Ion Ratio Lower Upper

101 100

85 47.8 36.0 54.0

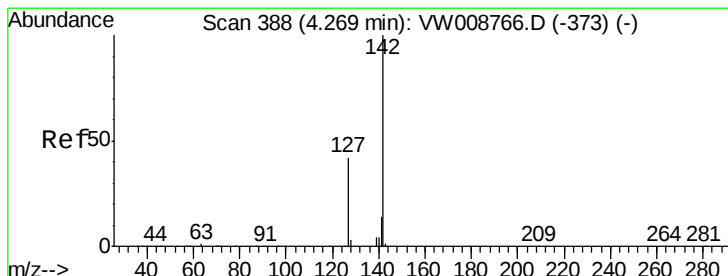
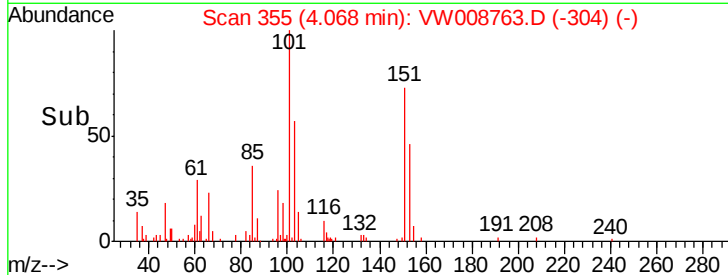
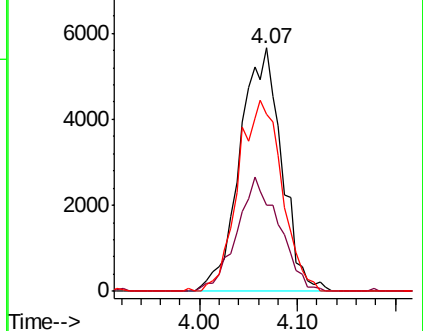
151 82.8 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.000 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

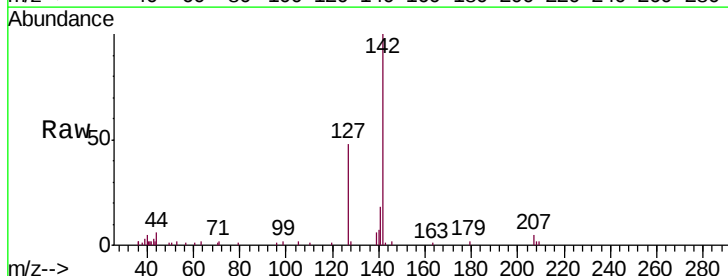
Tgt Ion:142 Resp: 17106

Ion Ratio Lower Upper

142 100

127 44.8 35.3 52.9

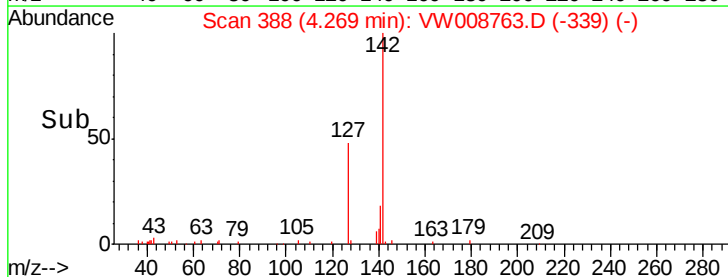
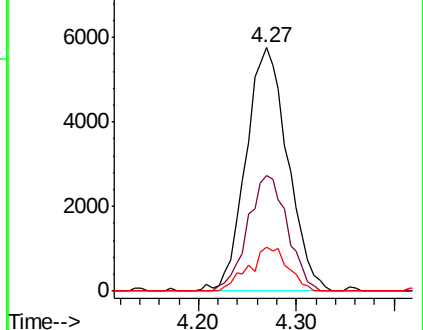
141 17.0 11.7 17.5

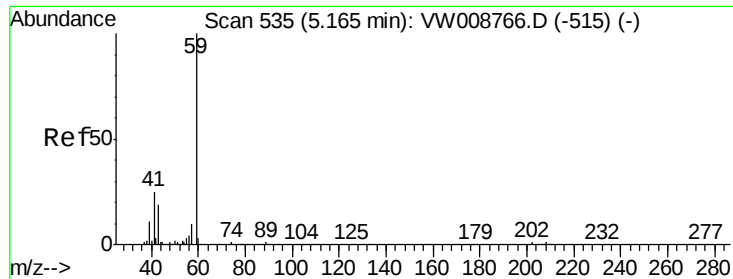


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

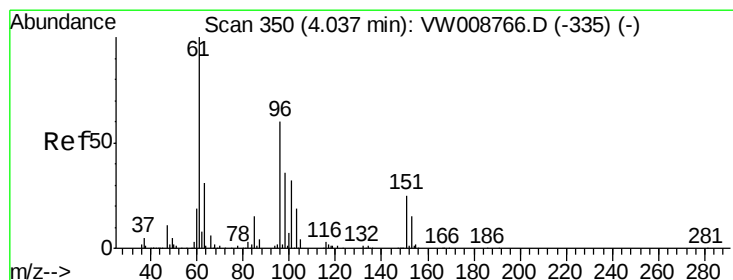
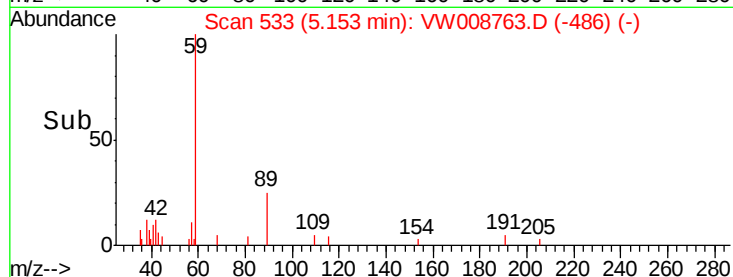
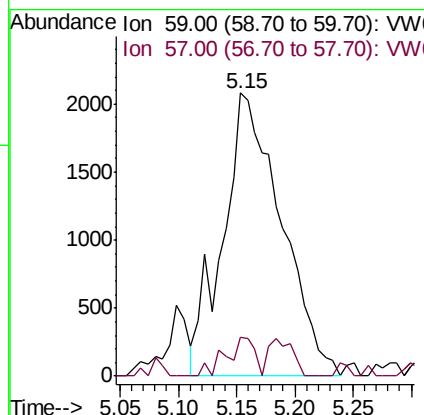
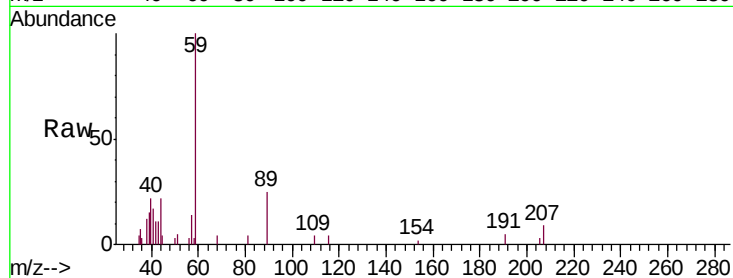




#11
Tert butyl alcohol
Concen: 25.761 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

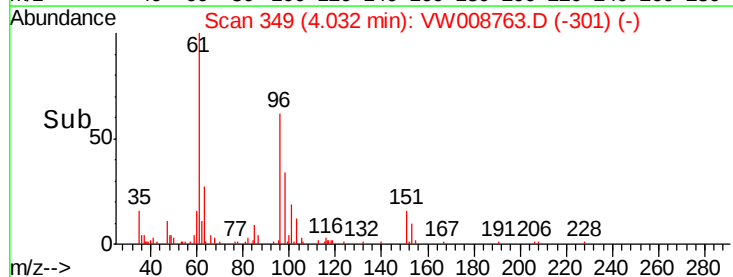
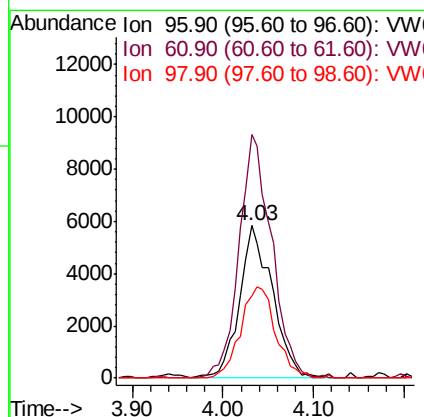
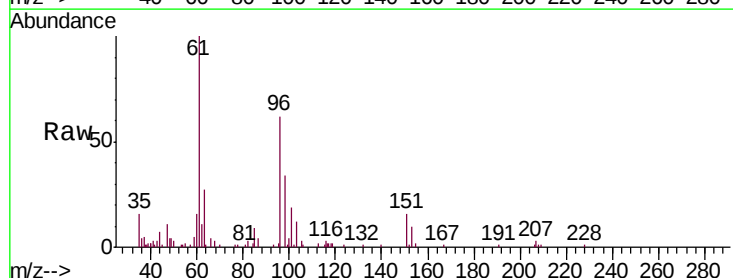
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

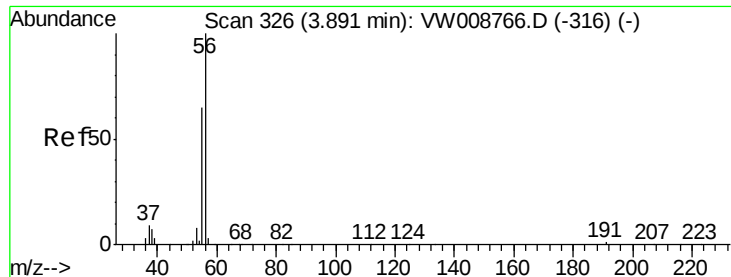
Tgt Ion: 59 Resp: 7239
Ion Ratio Lower Upper
59 100
57 6.6 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 4.913 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 96 Resp: 14839
Ion Ratio Lower Upper
96 100
61 160.1 132.5 198.7
98 53.9 48.2 72.4





#13

Acrolein

Concen: 21.682 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

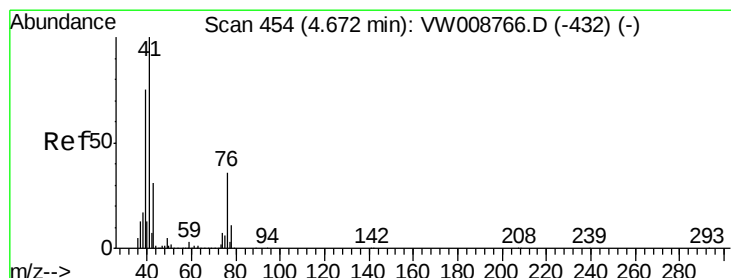
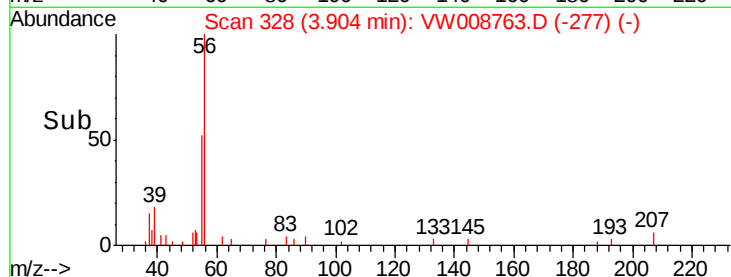
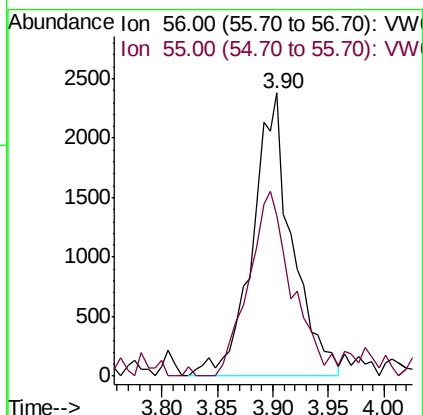
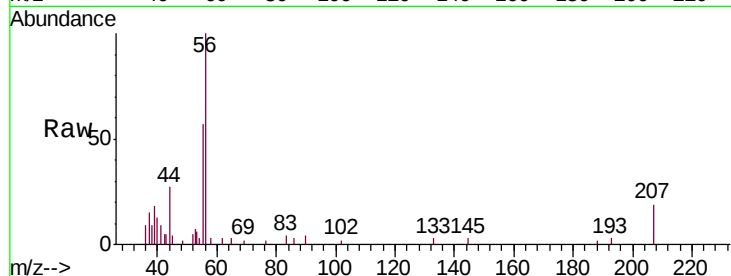
VSTDIC005

Tgt Ion: 56 Resp: 5906

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 4.425 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

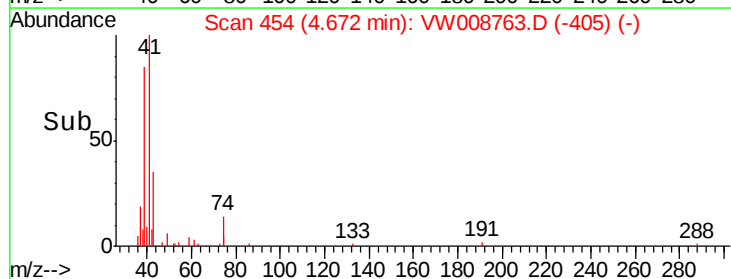
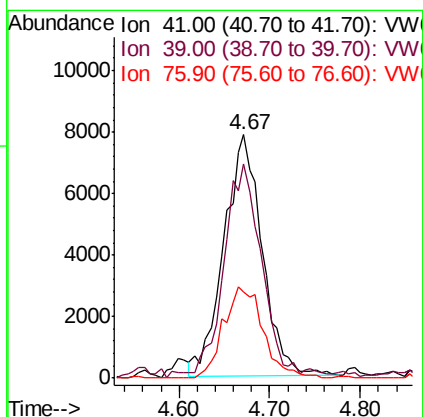
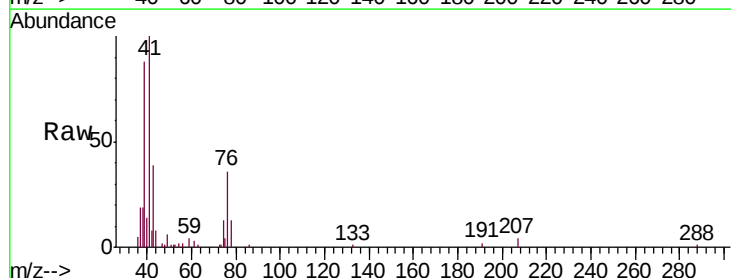
Tgt Ion: 41 Resp: 23068

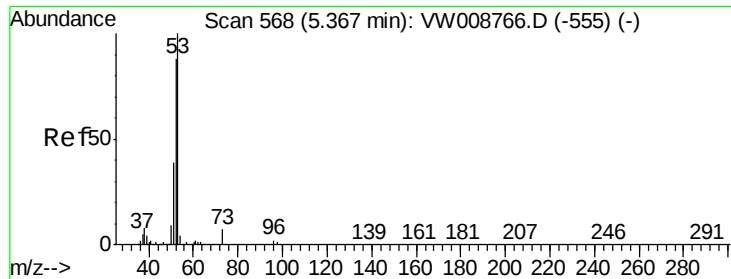
Ion Ratio Lower Upper

41 100

39 81.9 60.6 91.0

76 39.1 28.6 42.8





#15

Acrylonitrile

Concen: 23.022 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

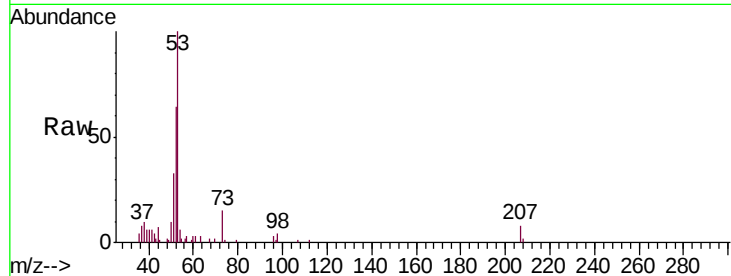
Tgt Ion: 53 Resp: 17617

Ion Ratio Lower Upper

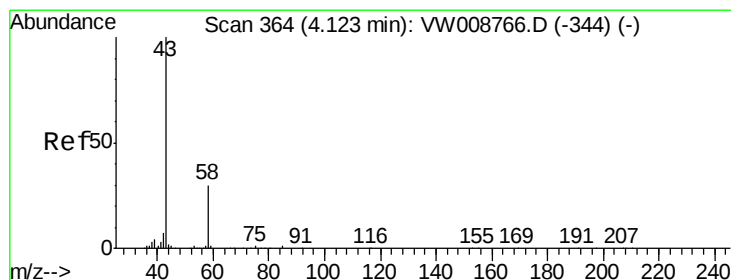
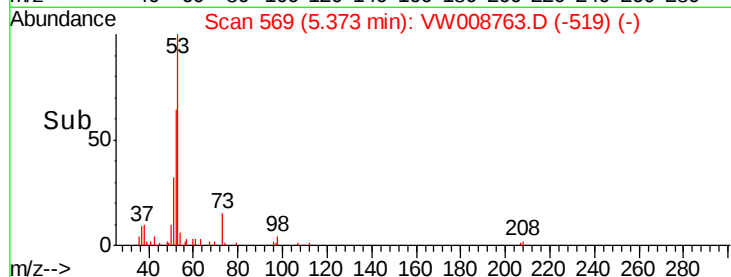
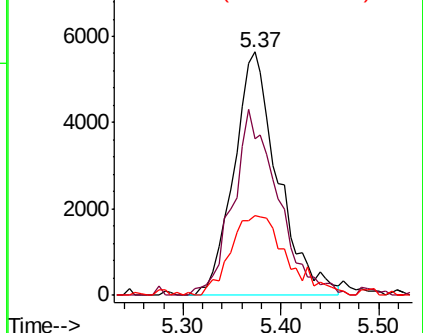
53 100

52 77.9 67.2 100.8

51 41.9 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 24.262 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW008763.D

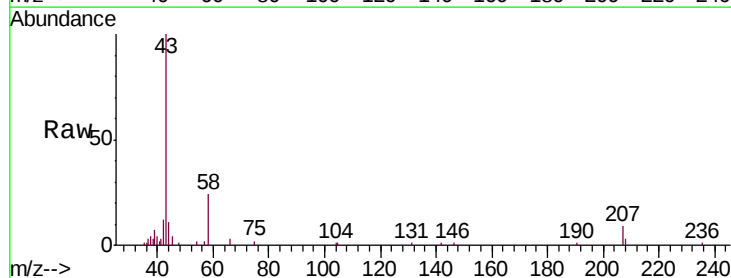
Acq: 21 Feb 2019 10:56

Tgt Ion: 43 Resp: 18196

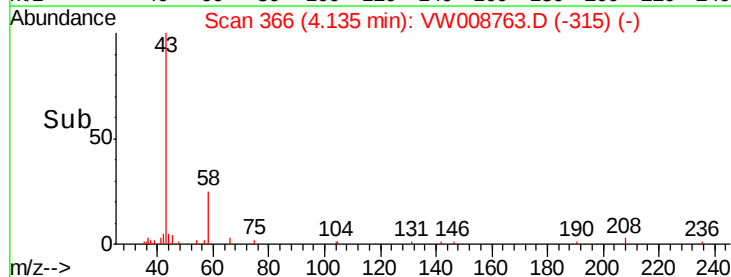
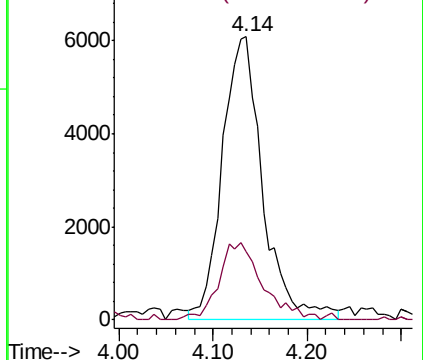
Ion Ratio Lower Upper

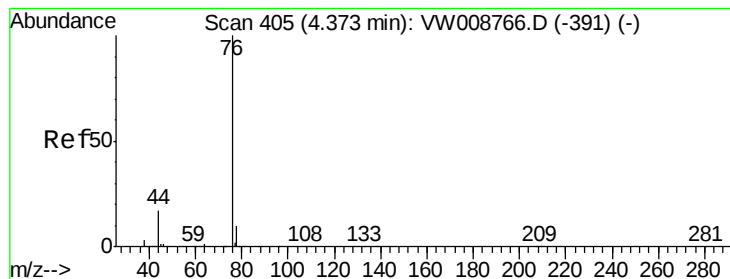
43 100

58 25.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 4.623 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

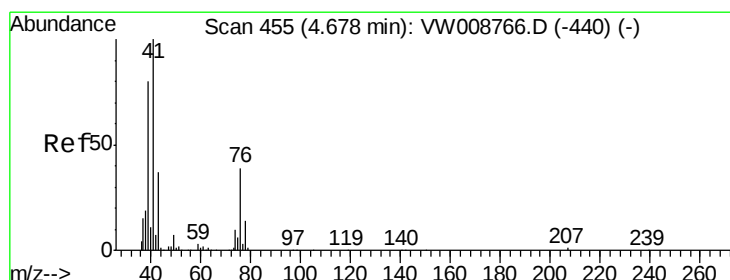
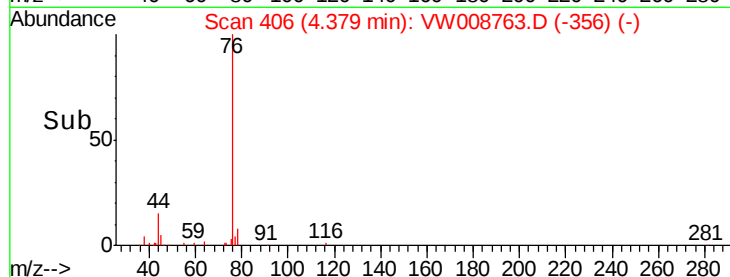
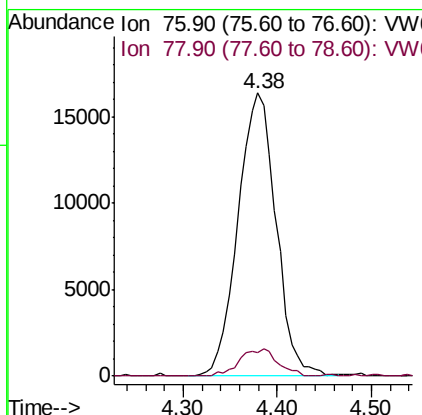
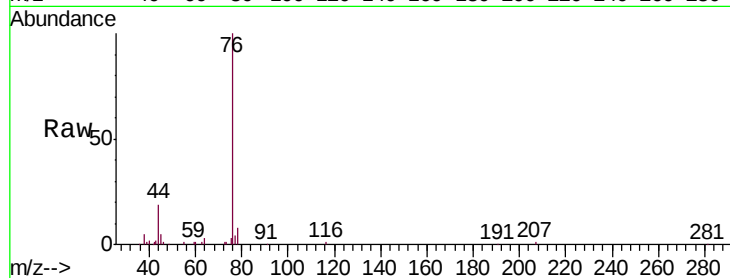
VSTDIC005

Tgt Ion: 76 Resp: 46326

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.8



#18

Methyl Acetate

Concen: 5.723 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008763.D

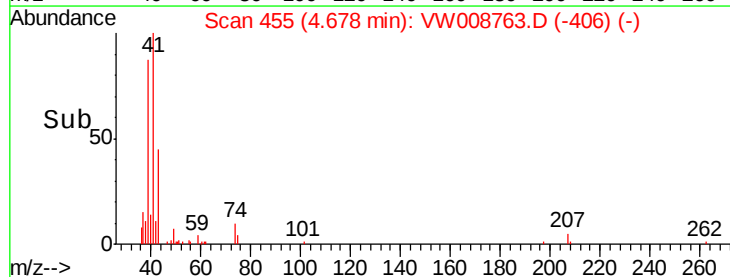
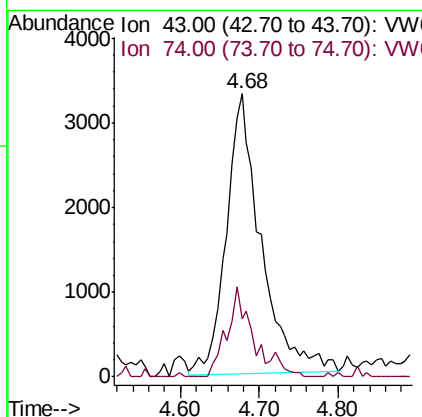
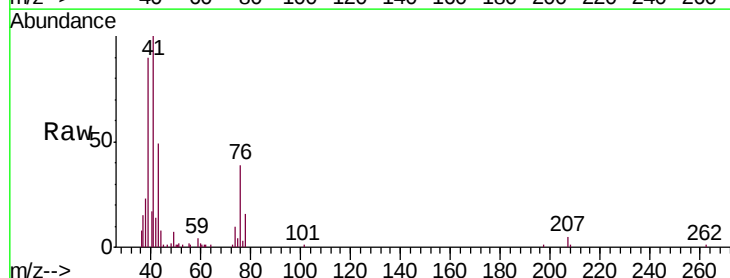
Acq: 21 Feb 2019 10:56

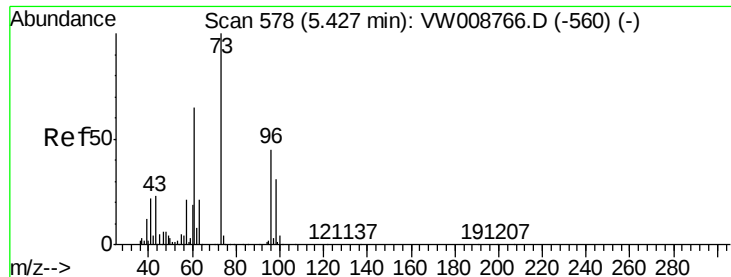
Tgt Ion: 43 Resp: 10180

Ion Ratio Lower Upper

43 100

74 22.0 19.4 29.2



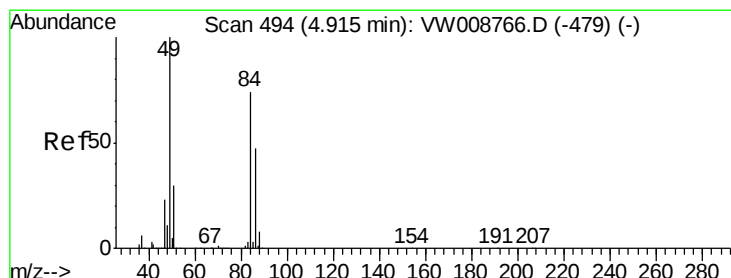
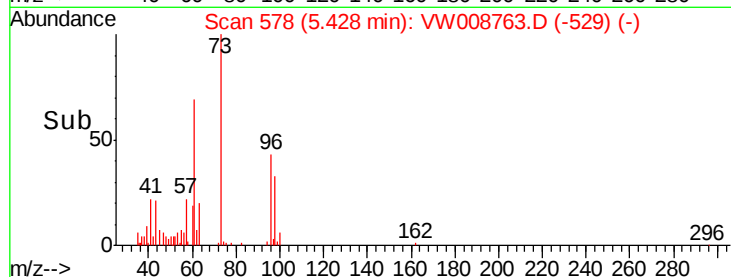
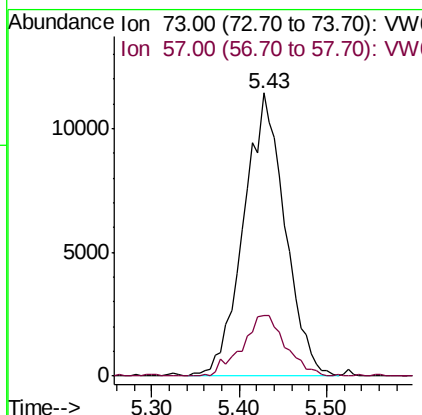
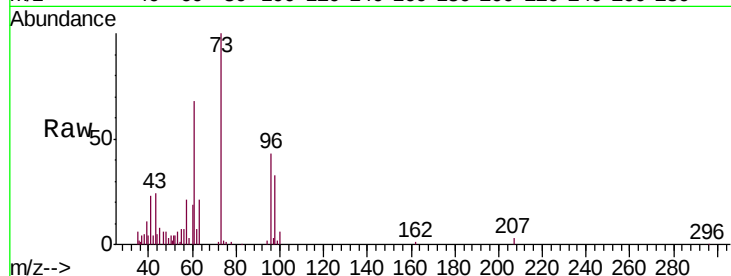


#19

Methyl tert-butyl Ether
 Concen: 4.585 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

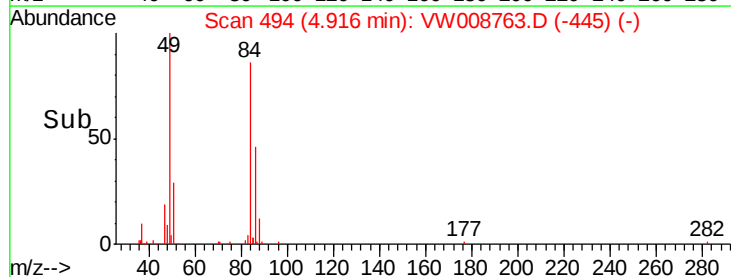
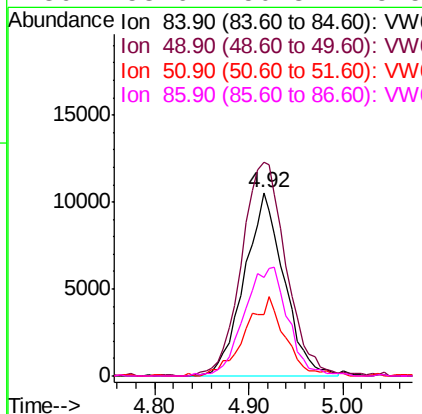
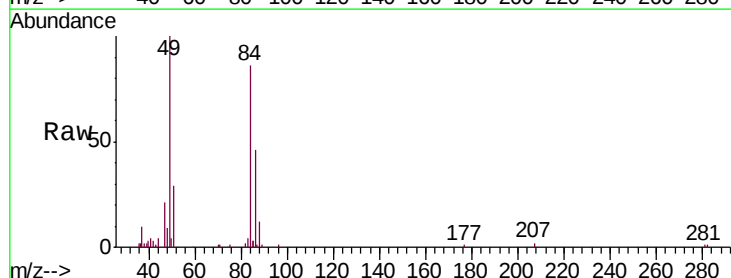
Tgt Ion: 73 Resp: 37482
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.8 25.2

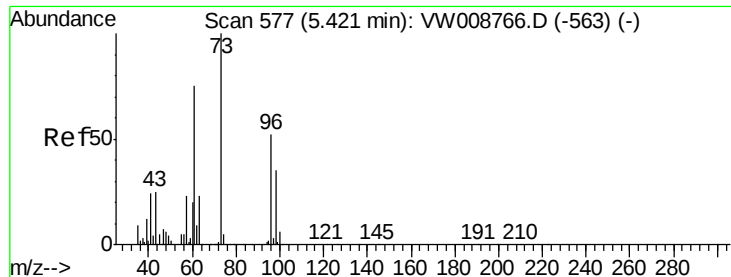


#20

Methylene Chloride
 Concen: 7.037 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion: 84 Resp: 31115
 Ion Ratio Lower Upper
 84 100
 49 116.4 108.2 162.2
 51 32.5 32.7 49.1#
 86 53.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 4.903 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

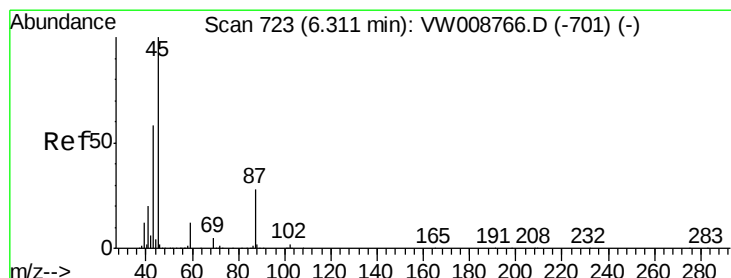
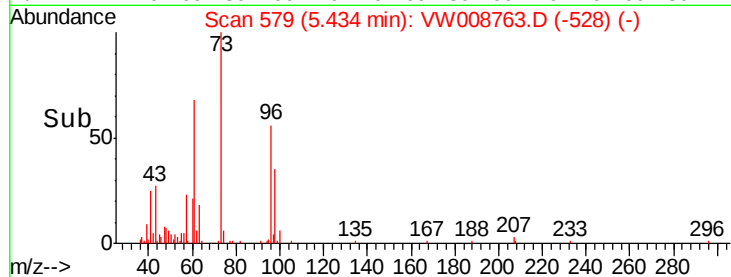
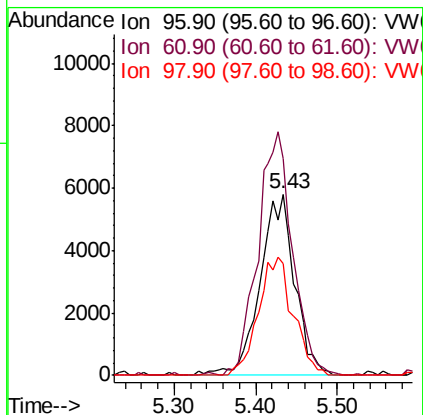
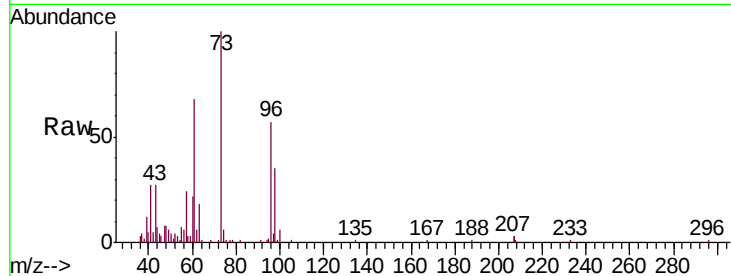
Tgt Ion: 96 Resp: 17129

Ion Ratio Lower Upper

96 100

61 119.8 114.6 171.8

98 61.7 54.0 81.0



#22

Diisopropyl ether

Concen: 4.517 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Tgt Ion: 45 Resp: 46972

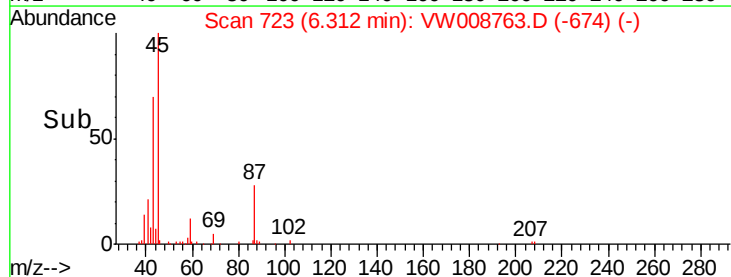
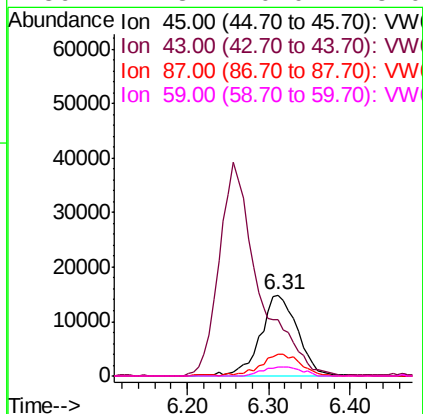
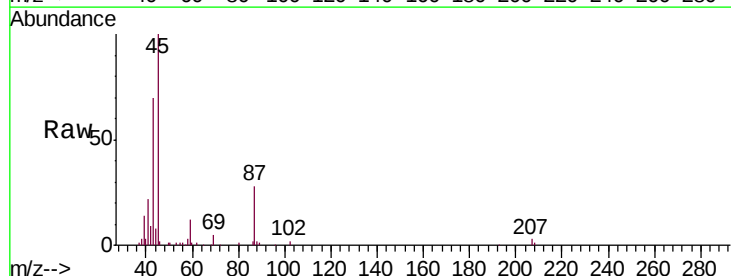
Ion Ratio Lower Upper

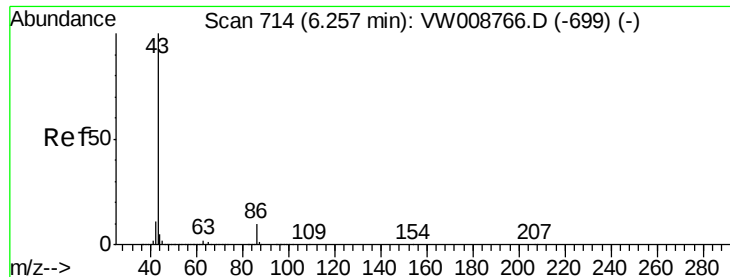
45 100

43 67.6 46.1 69.1

87 27.5 22.2 33.4

59 11.3 10.0 15.0





#23

Vinyl Acetate

Concen: 20.563 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

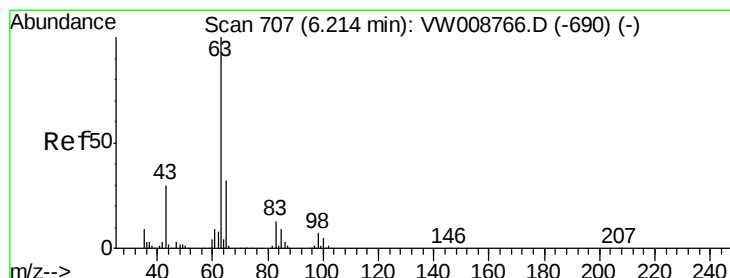
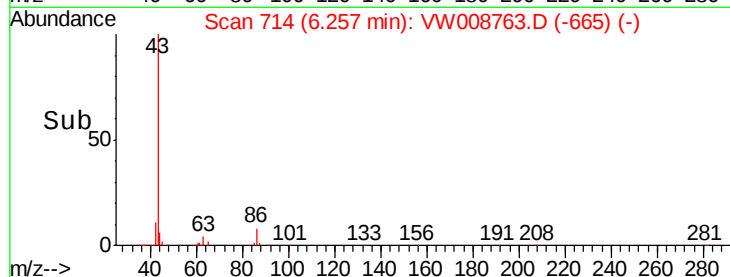
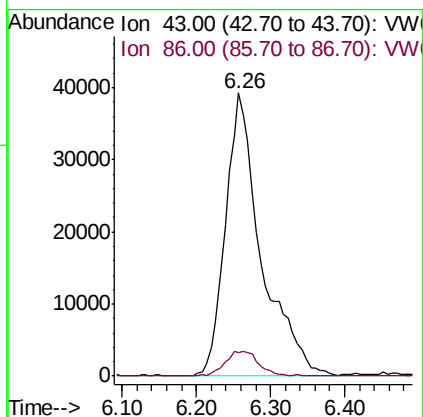
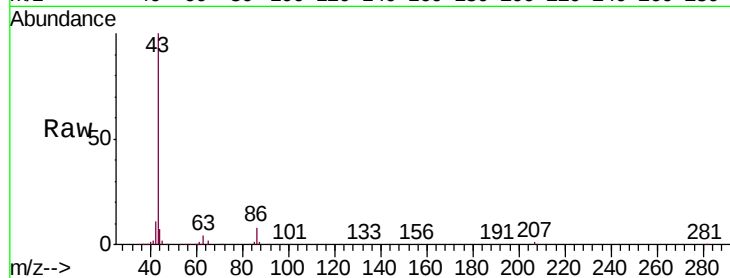
VSTDIC005

Tgt Ion: 43 Resp: 132119

Ion Ratio Lower Upper

43 100

86 8.4 8.1 12.1



#24

1,1-Dichloroethane

Concen: 4.775 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

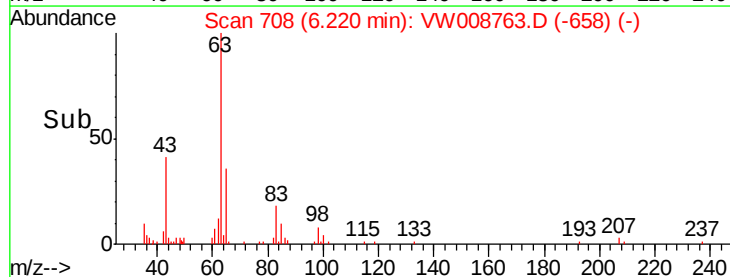
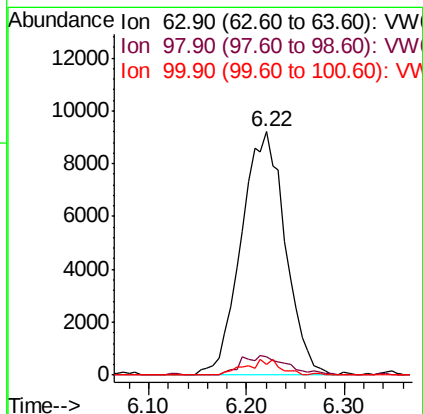
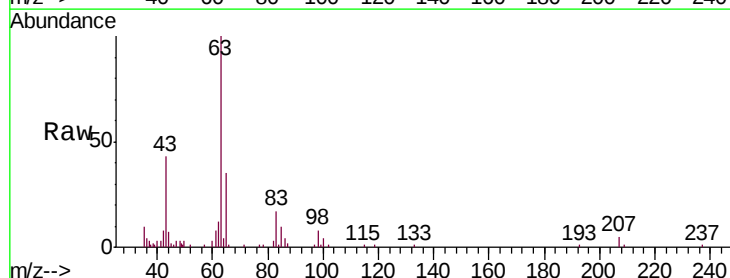
Tgt Ion: 63 Resp: 28774

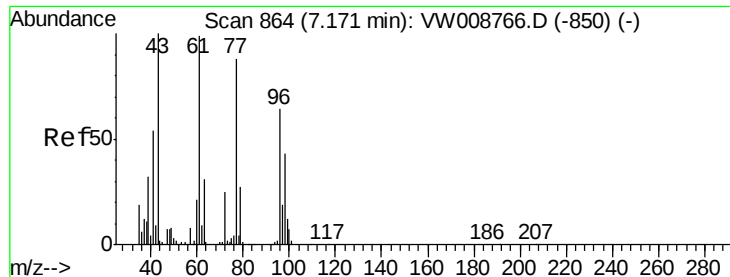
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 21.752 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

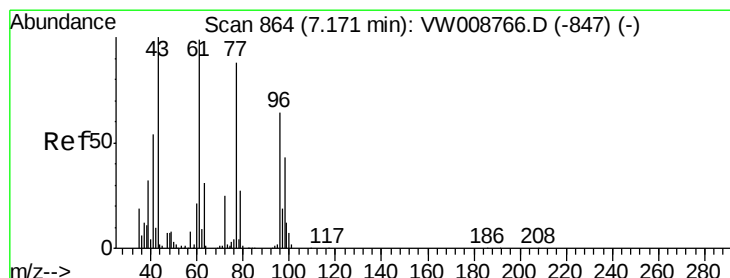
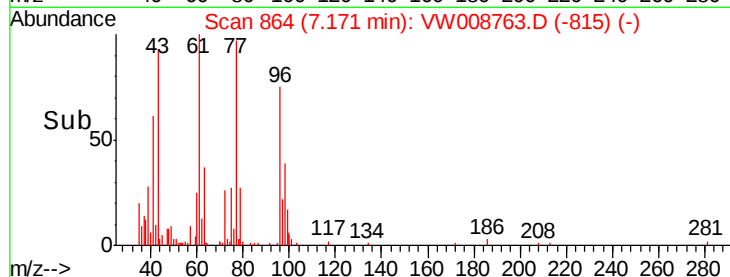
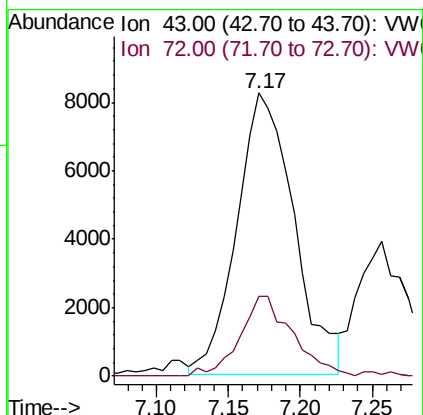
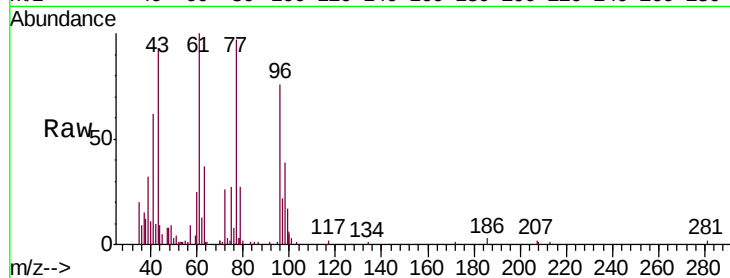
VSTDIC005

Tgt Ion: 43 Resp: 22807

Ion Ratio Lower Upper

43 100

72 29.2 19.7 29.5



#26

2,2-Dichloropropane

Concen: 5.167 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008763.D

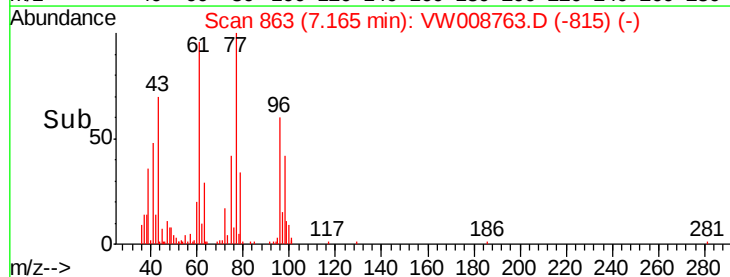
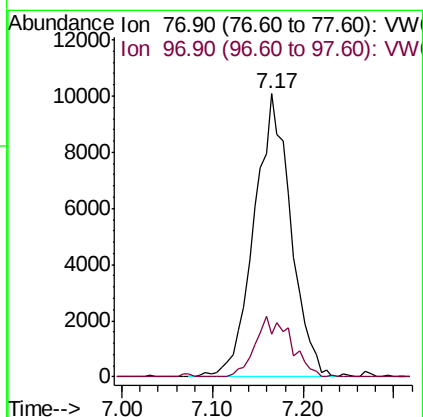
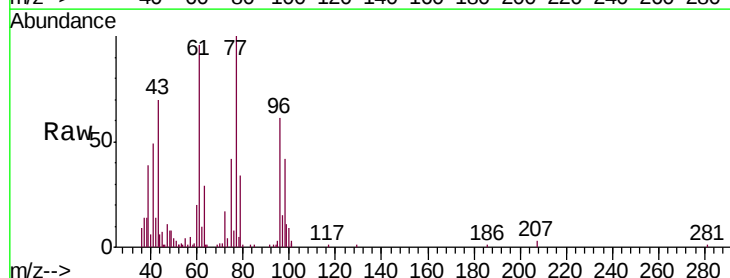
Acq: 21 Feb 2019 10:56

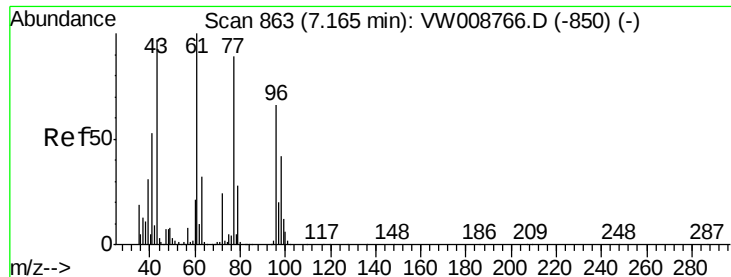
Tgt Ion: 77 Resp: 28267

Ion Ratio Lower Upper

77 100

97 20.6 11.0 33.0



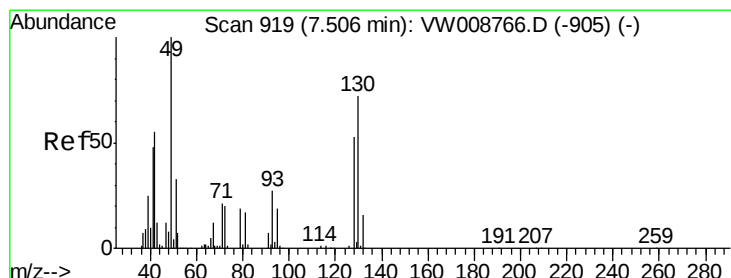
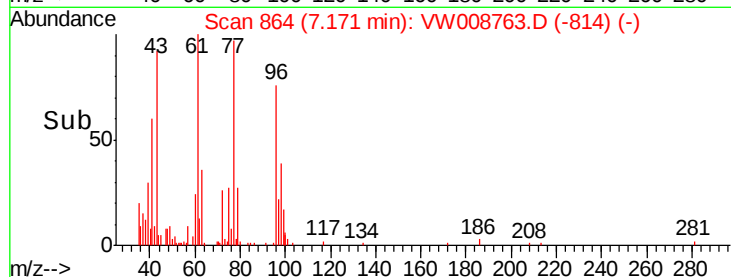
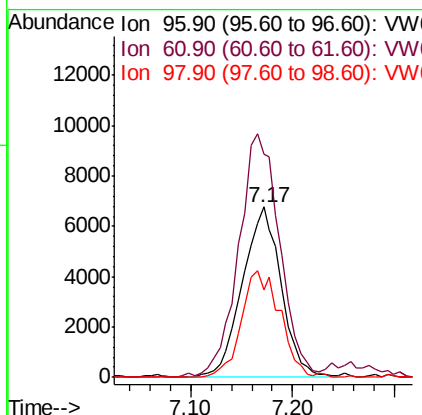
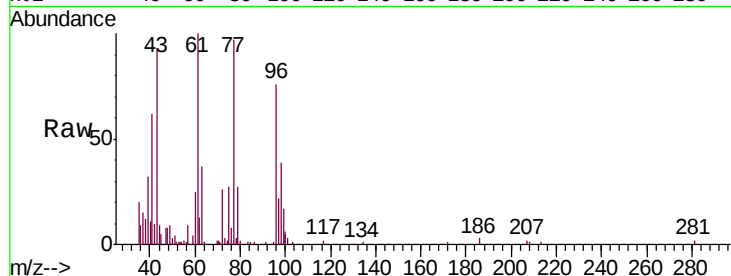


#27

cis-1,2-Dichloroethene
Concen: 4.801 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

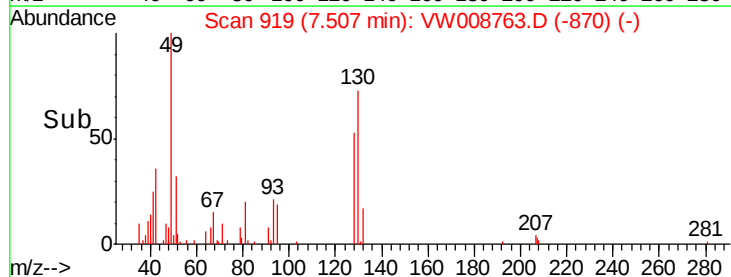
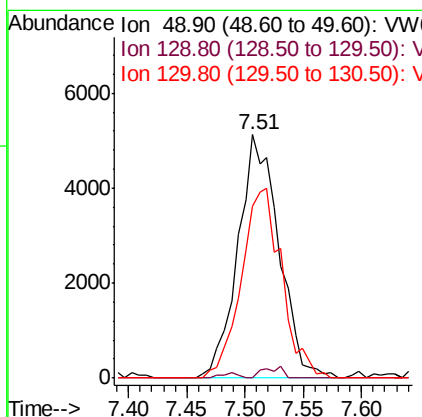
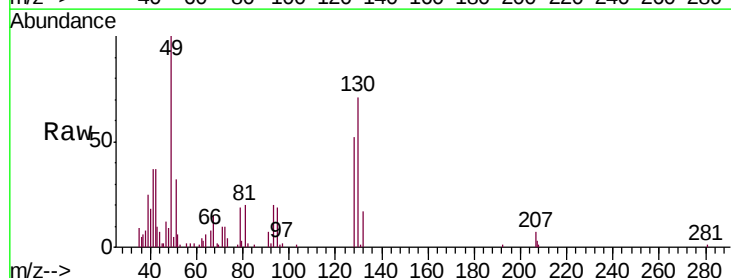
Tgt Ion: 96 Resp: 17942
Ion Ratio Lower Upper
96 100
61 151.0 0.0 302.6
98 61.7 0.0 130.0

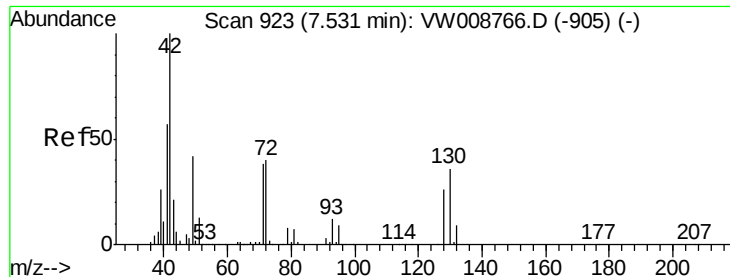


#28

Bromochloromethane
Concen: 4.971 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 49 Resp: 12535
Ion Ratio Lower Upper
49 100
129 0.8 0.0 2.6
130 0.0 61.3 91.9#

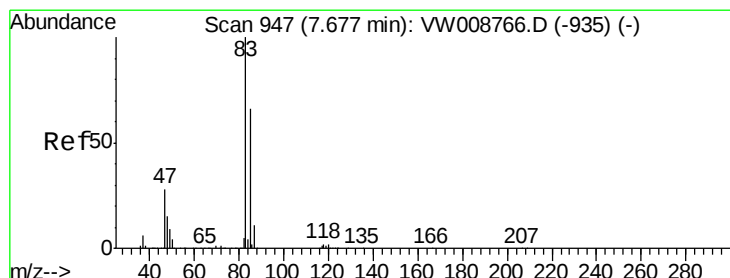
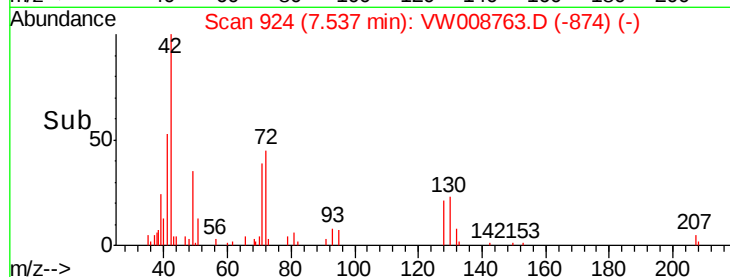
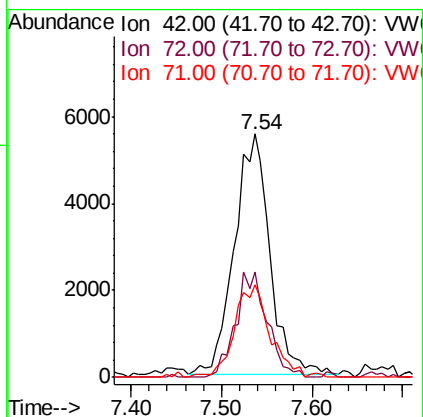
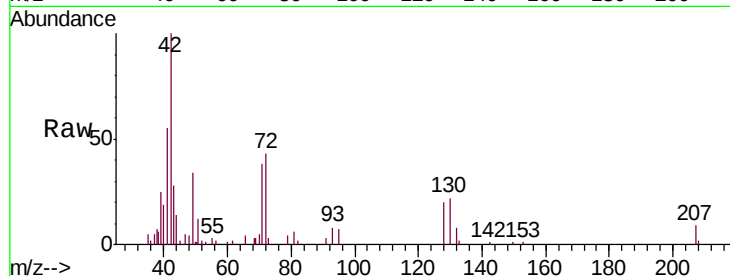




#29
Tetrahydrofuran
Concen: 22.545 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

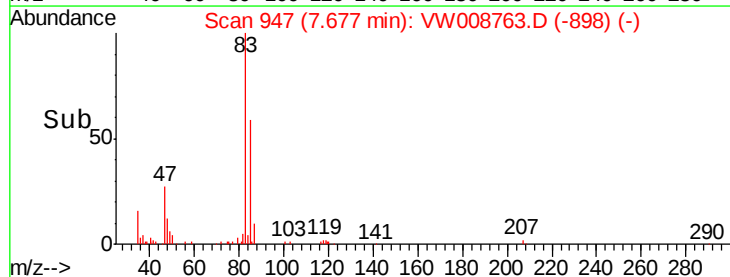
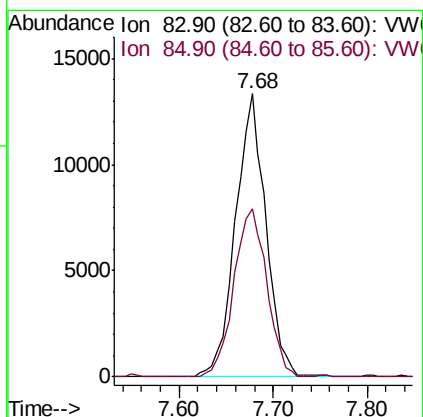
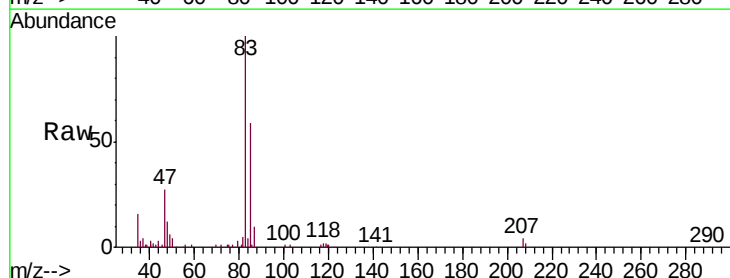
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

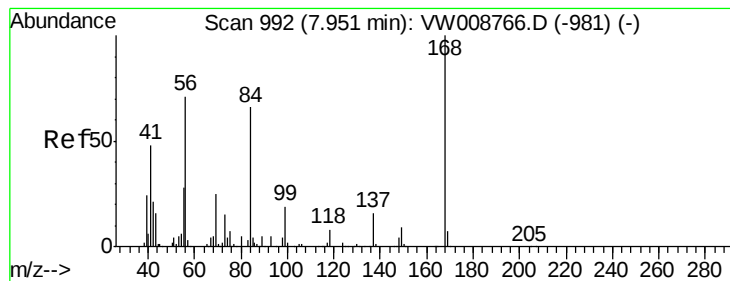
Tgt Ion: 42 Resp: 15064
Ion Ratio Lower Upper
42 100
72 38.9 32.7 49.1
71 38.4 31.3 46.9



#30
Chloroform
Concen: 4.849 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 83 Resp: 29975
Ion Ratio Lower Upper
83 100
85 59.2 52.6 79.0





#31

Cyclohexane

Concen: 5.470 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

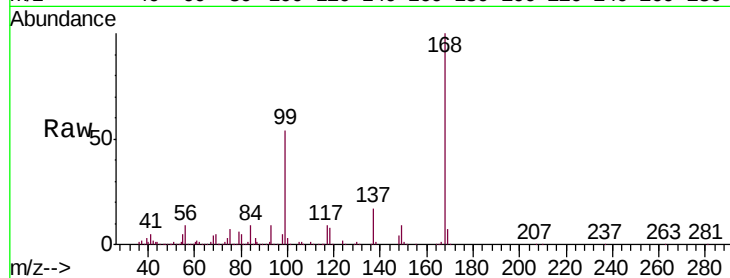
Tgt Ion: 56 Resp: 33367

Ion Ratio Lower Upper

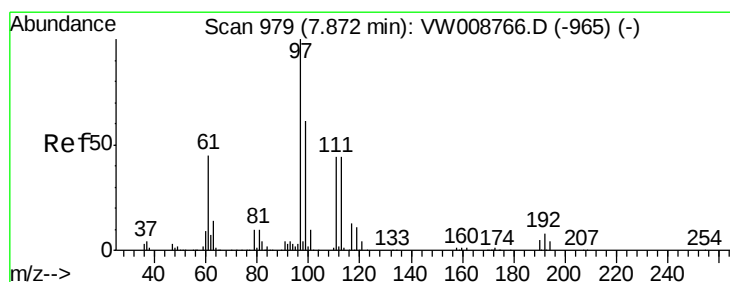
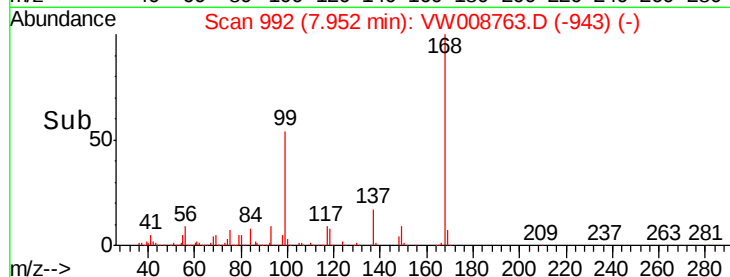
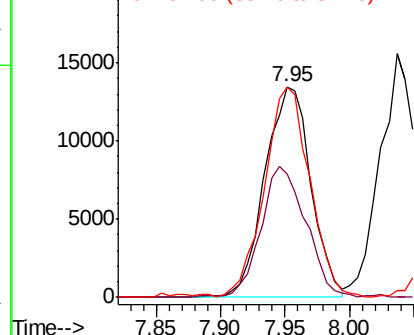
56 100

69 58.3 28.2 42.4#

84 98.6 74.1 111.1



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



#32

1,1,1-Trichloroethane

Concen: 4.783 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

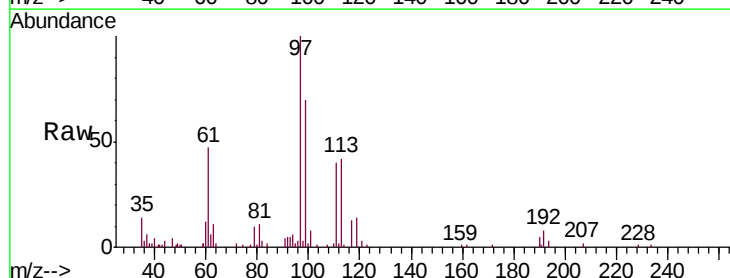
Tgt Ion: 97 Resp: 26890

Ion Ratio Lower Upper

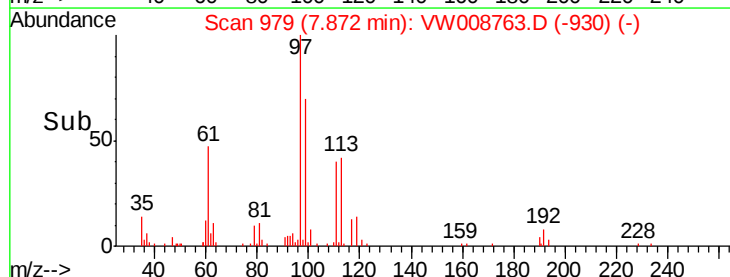
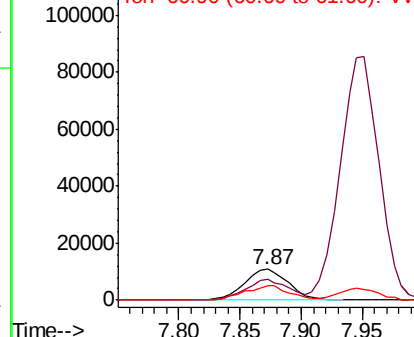
97 100

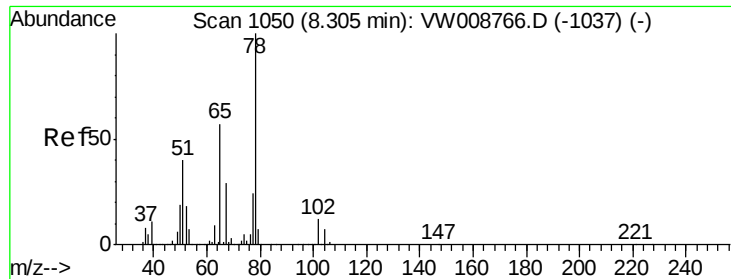
99 66.2 50.8 76.2

61 46.8 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

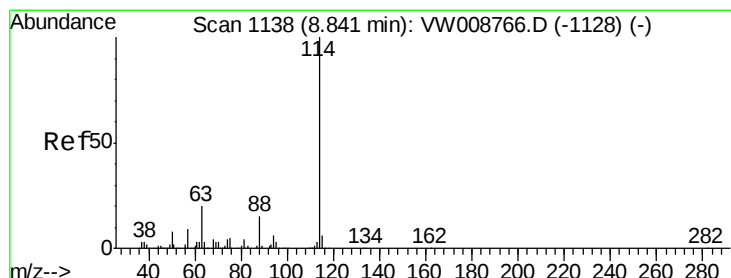
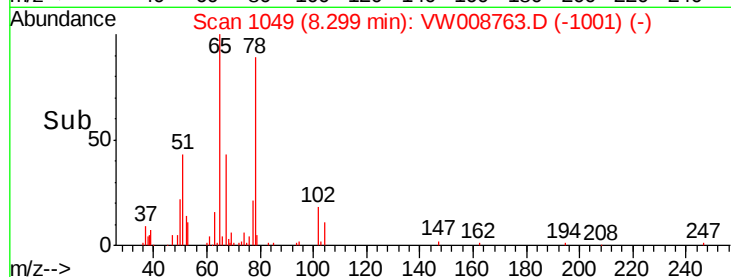
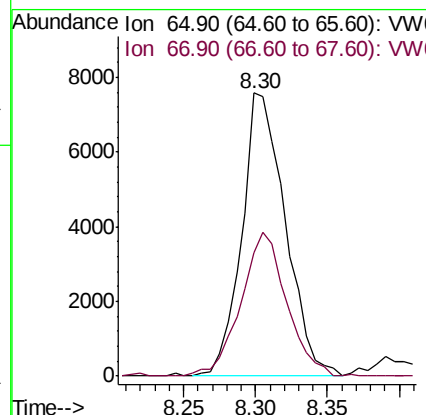
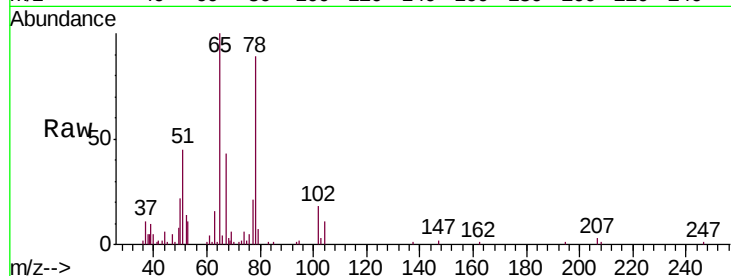




#33
 1,2-Dichloroethane-d4
 Concen: 4.916 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

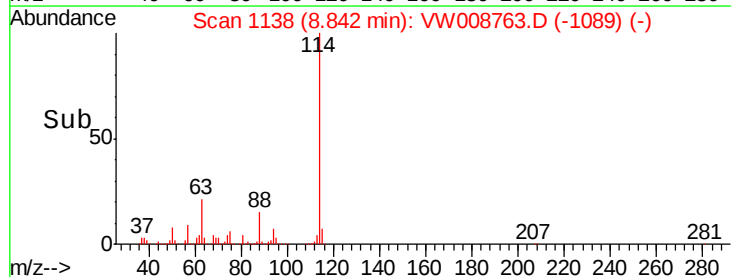
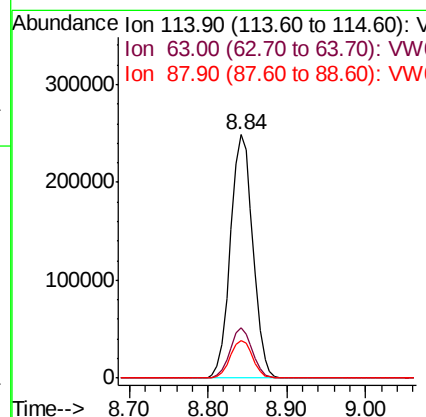
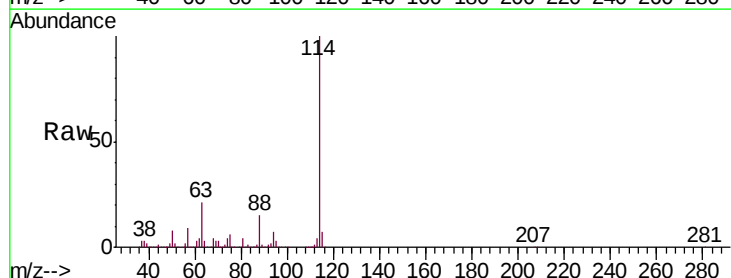
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

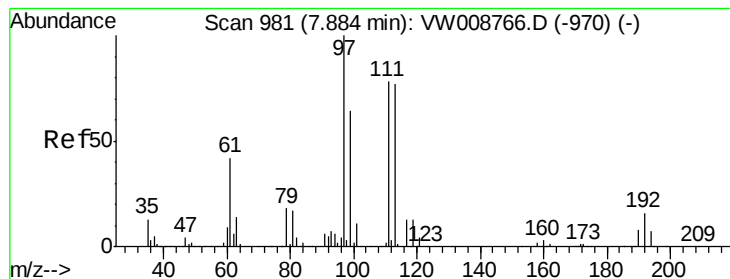
Tgt Ion: 65 Resp: 15907
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion: 114 Resp: 492865
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 5.208 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

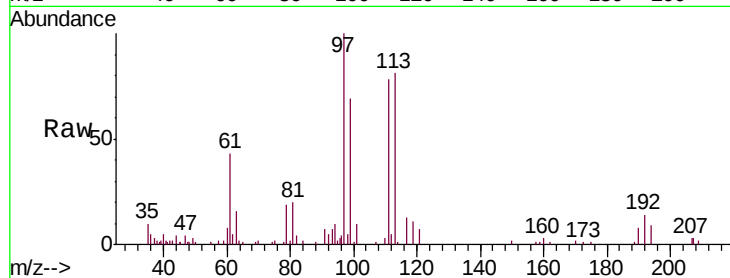
Tgt Ion: 113 Resp: 15412

Ion Ratio Lower Upper

113 100

111 96.2 81.9 122.9

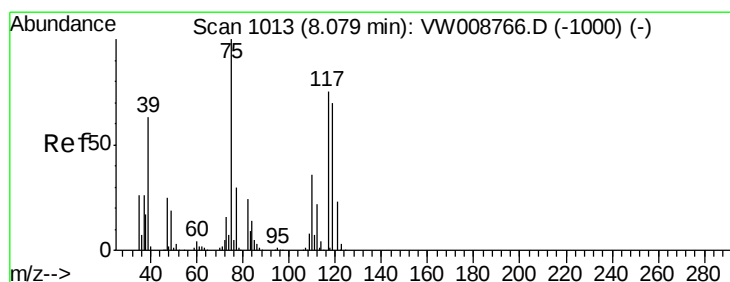
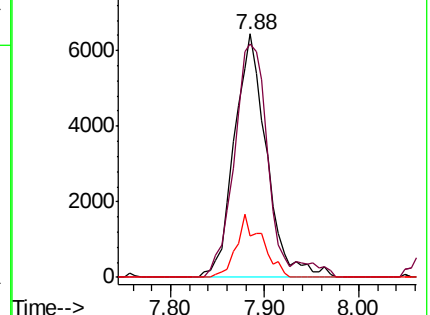
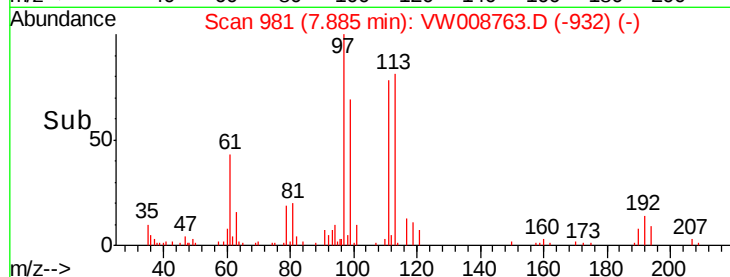
192 20.5 17.1 25.7



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: 4.903 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

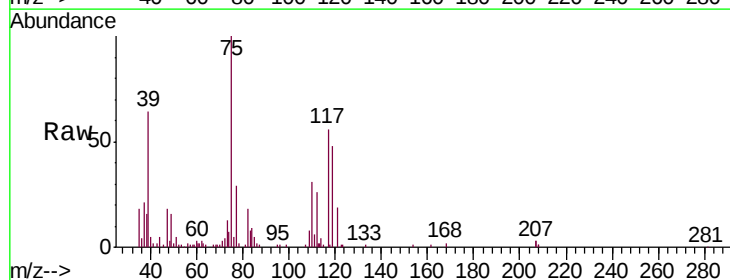
Tgt Ion: 75 Resp: 23522

Ion Ratio Lower Upper

75 100

110 36.4 17.5 52.6

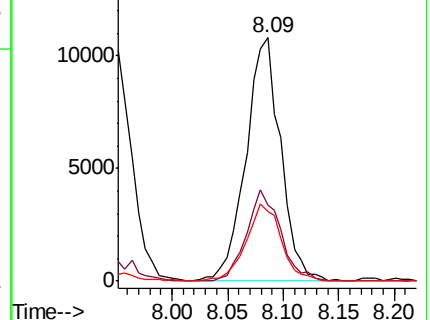
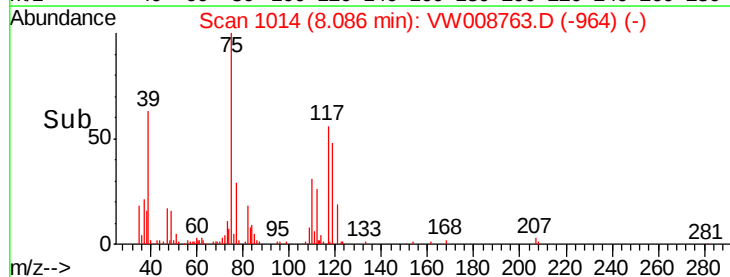
77 31.9 24.5 36.7

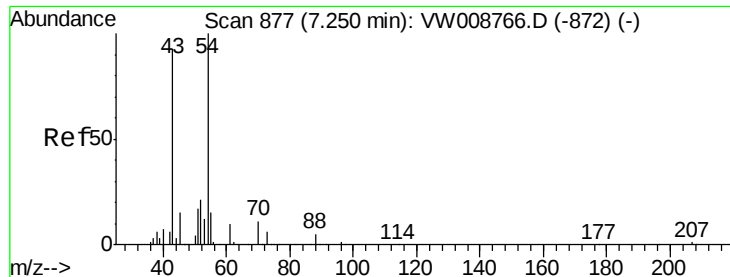


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

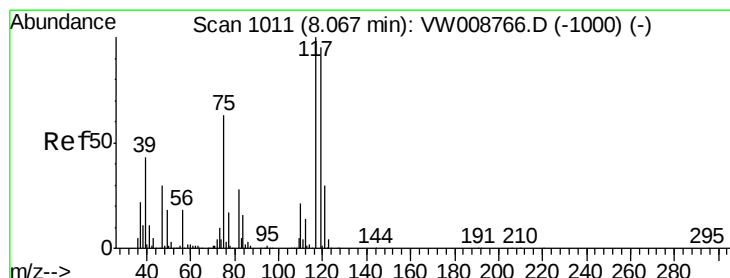
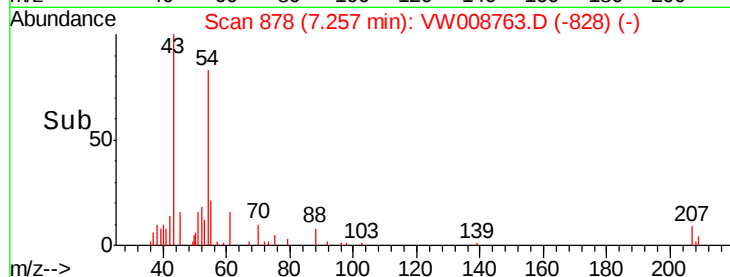
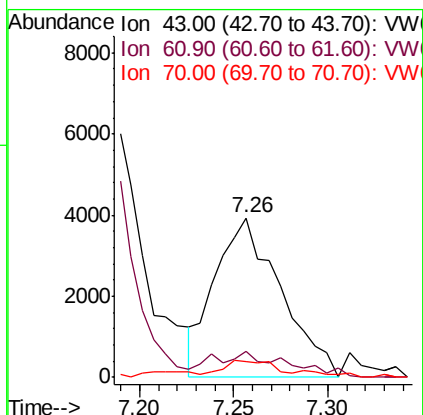
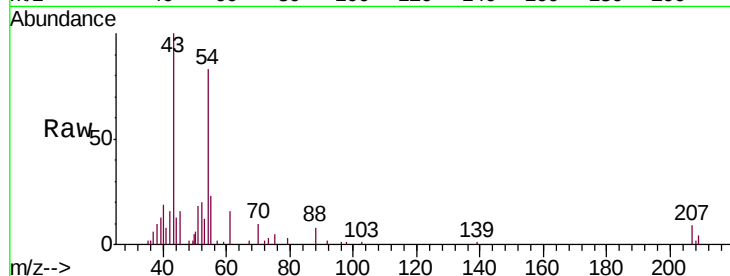




#37
Ethyl Acetate
Concen: 4.274 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

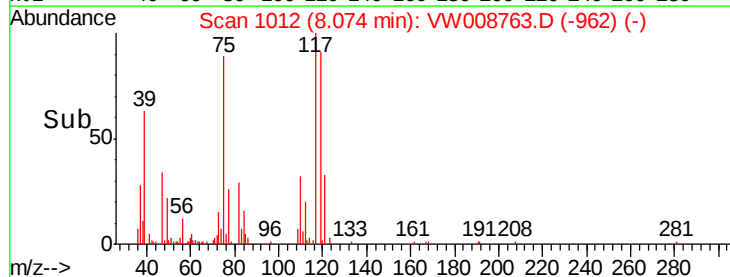
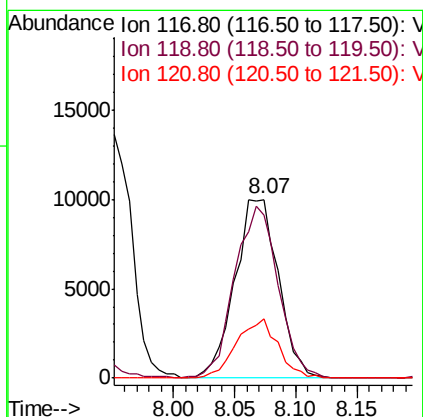
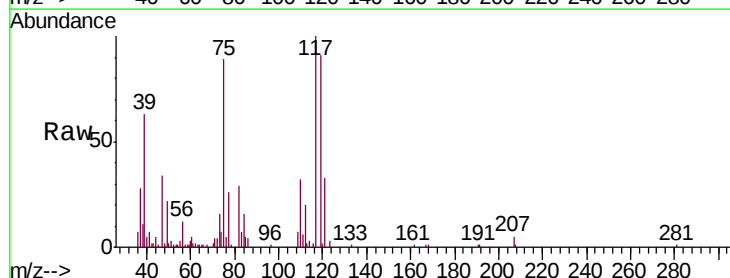
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

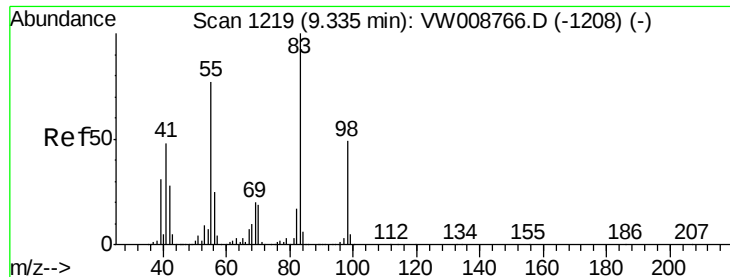
Tgt Ion: 43 Resp: 9535
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 6.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 4.902 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 117 Resp: 24802
Ion Ratio Lower Upper
117 100
119 91.4 76.1 114.1
121 33.3 24.0 36.0

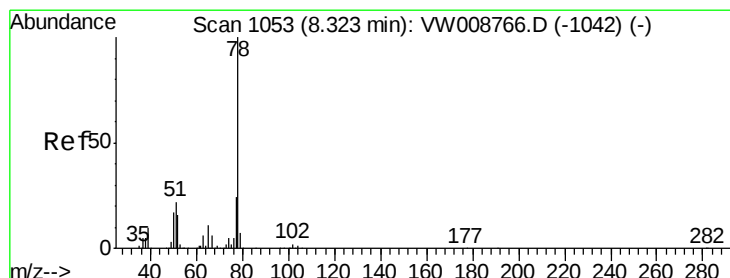
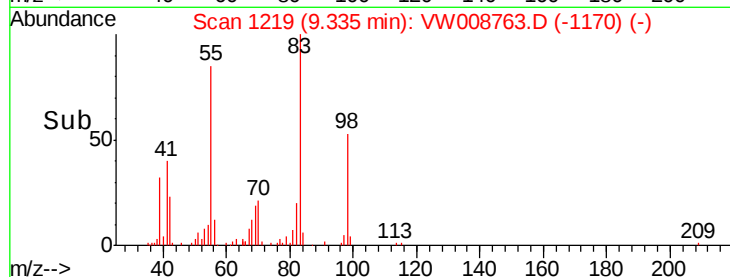
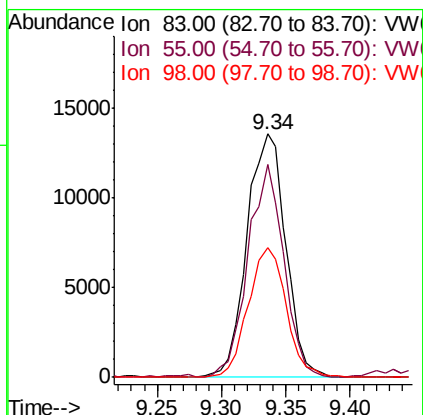
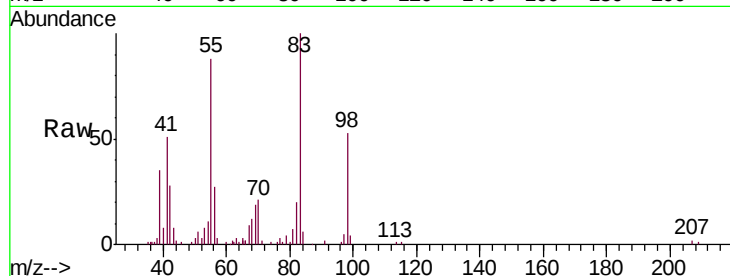




#39
Methylcyclohexane
Concen: 4.706 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

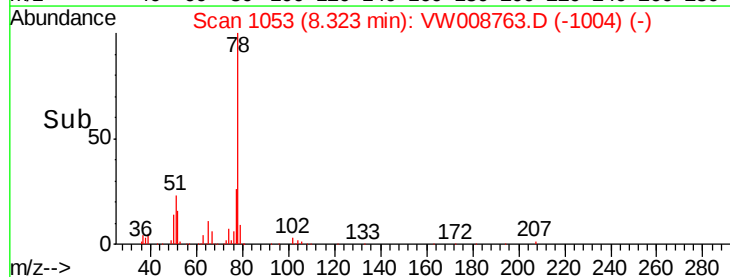
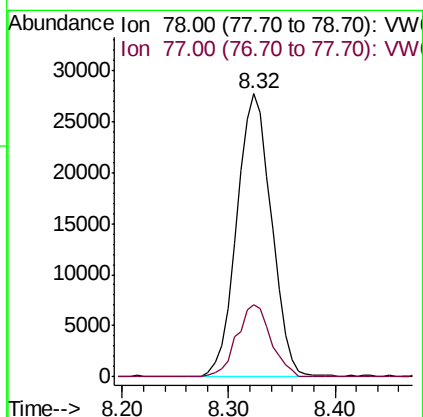
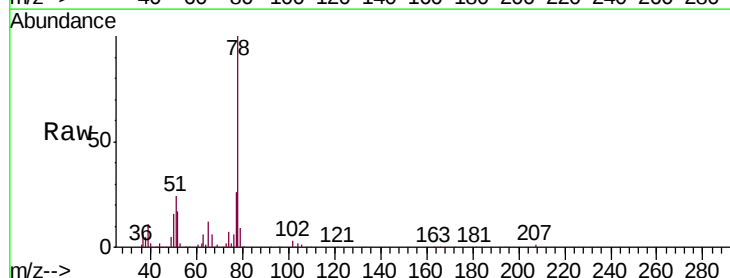
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

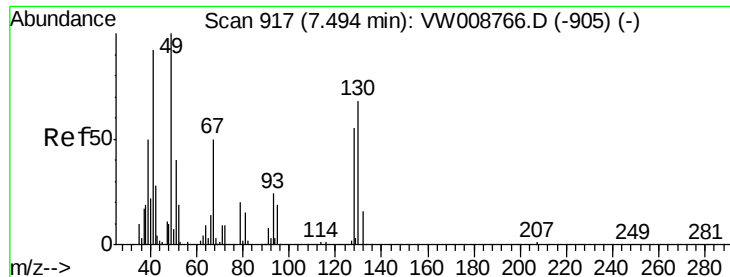
Tgt Ion: 83 Resp: 28162
Ion Ratio Lower Upper
83 100
55 87.6 61.2 91.8
98 53.3 39.4 59.2



#40
Benzene
Concen: 4.843 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 78 Resp: 63445
Ion Ratio Lower Upper
78 100
77 25.7 19.3 28.9

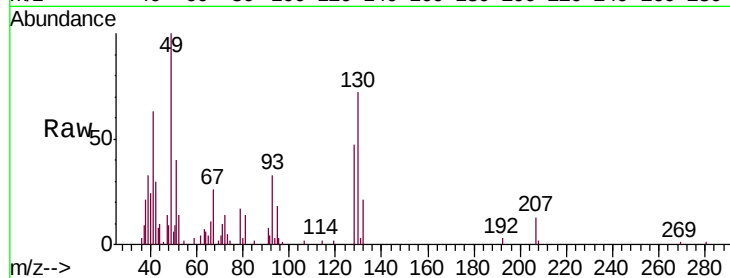




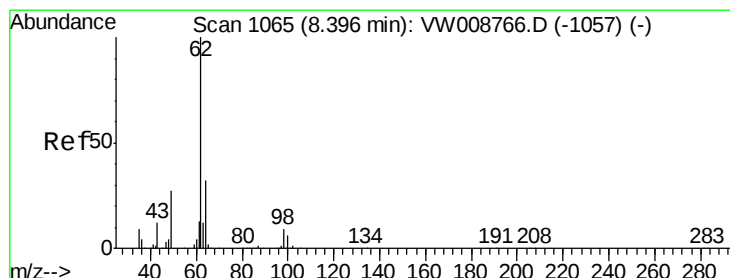
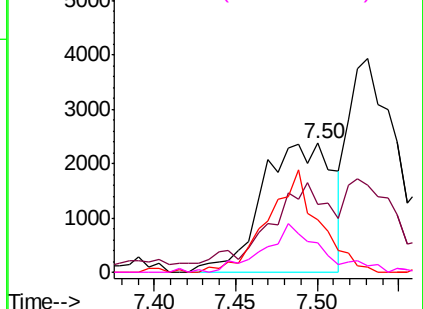
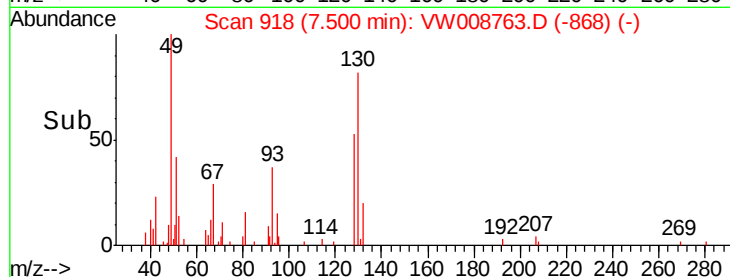
#41
Methacrylonitrile
Concen: 5.495 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	7206
Ion	Ratio	Lower	Upper
41	100		
39	53.7	52.5	78.7
67	56.5	55.0	82.6
52	30.2	26.9	40.3

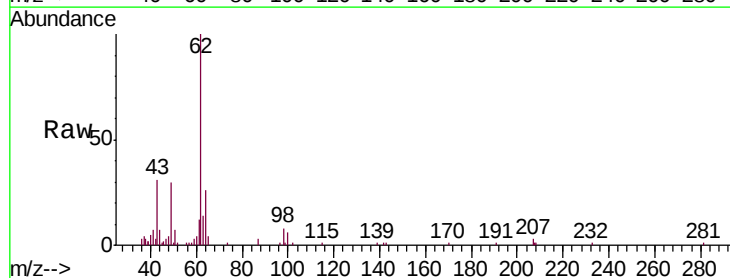


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

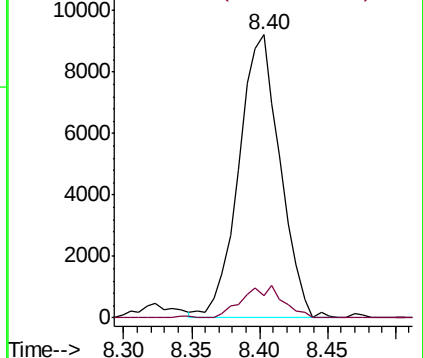
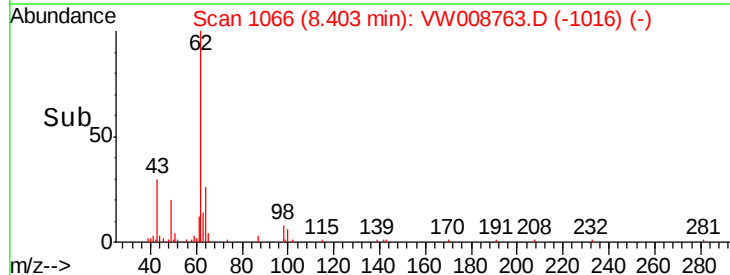


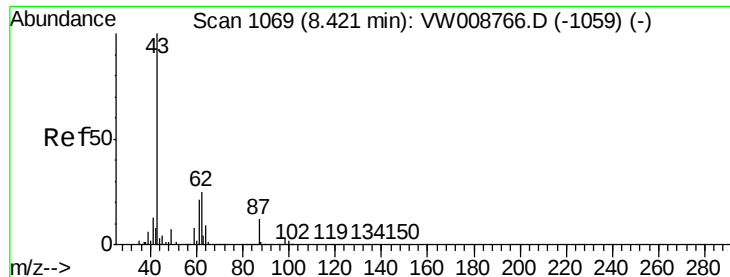
#42
1,2-Dichloroethane
Concen: 4.714 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion:	62	Resp:	19562
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 4.511 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

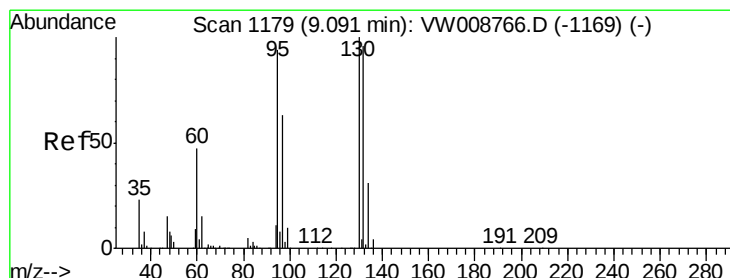
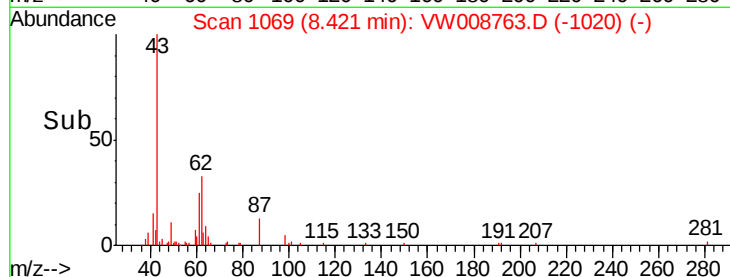
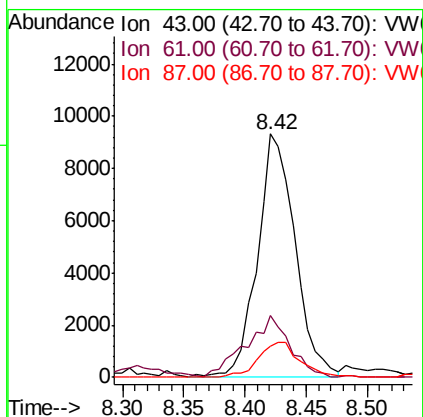
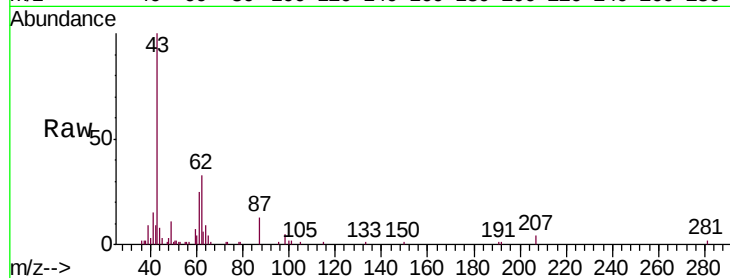
Tgt Ion: 43 Resp: 20085

Ion Ratio Lower Upper

43 100

61 29.4 23.2 34.8

87 15.9 9.9 14.9#



#44

Trichloroethene

Concen: 4.945 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008763.D

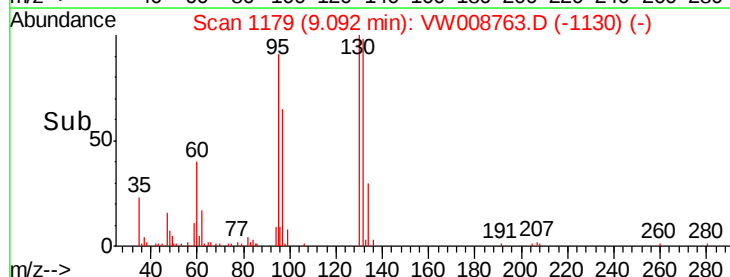
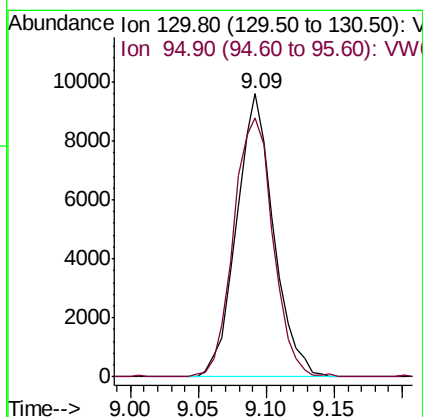
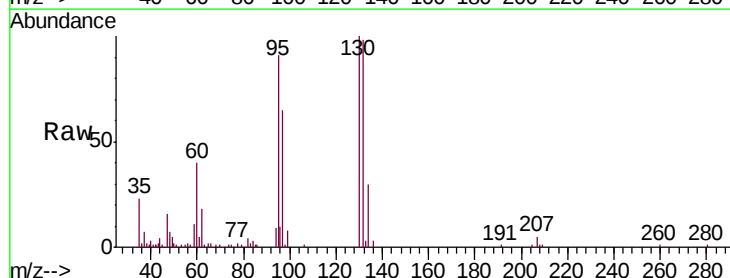
Acq: 21 Feb 2019 10:56

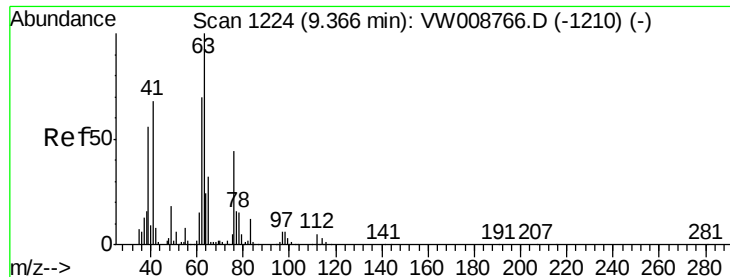
Tgt Ion: 130 Resp: 18248

Ion Ratio Lower Upper

130 100

95 91.4 0.0 188.6

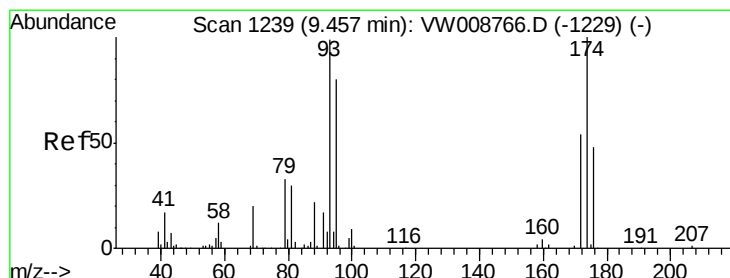
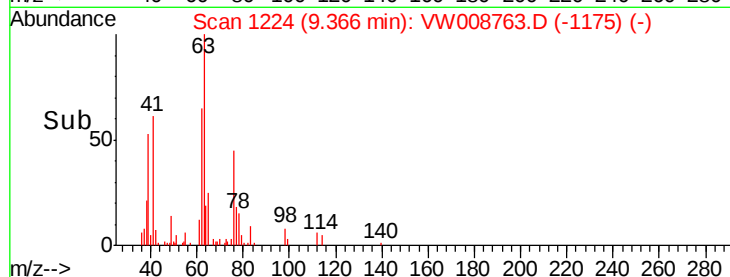
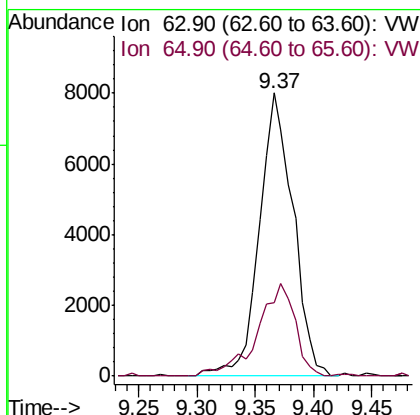
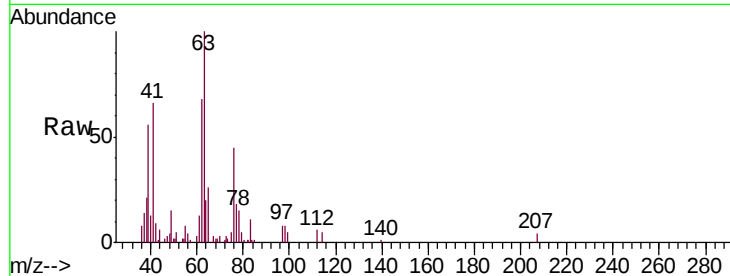




#45
 1,2-Dichloropropane
 Concen: 4.965 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

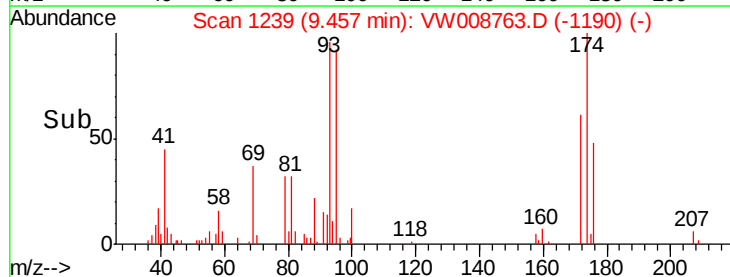
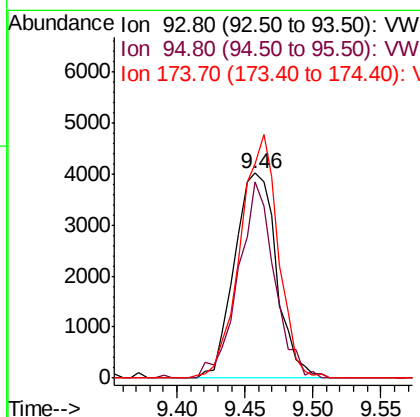
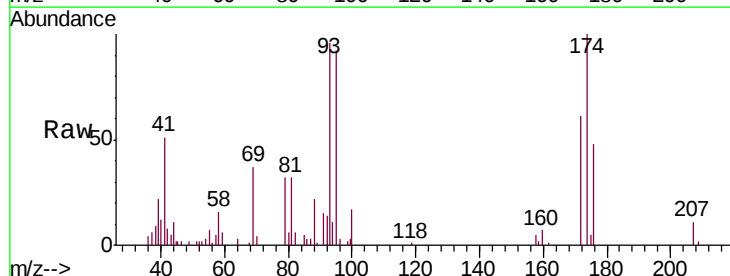
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

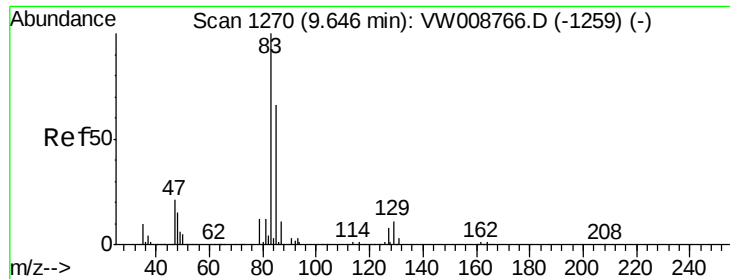
Tgt Ion: 63 Resp: 16072
 Ion Ratio Lower Upper
 63 100
 65 25.9 25.5 38.3



#46
 Dibromomethane
 Concen: 4.836 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion: 93 Resp: 8707
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.7 101.5
 174 107.3 86.7 130.1





#47

Bromodichloromethane

Concen: 4.634 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

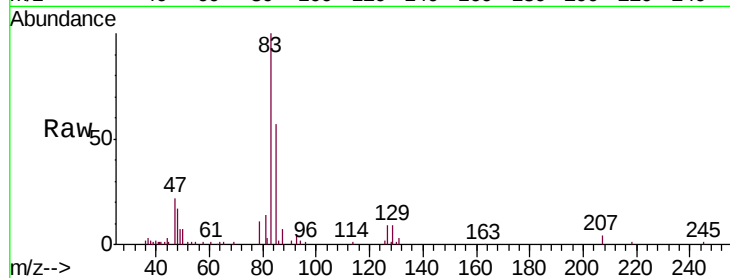
Tgt Ion: 83 Resp: 20301

Ion Ratio Lower Upper

83 100

85 57.3 52.5 78.7

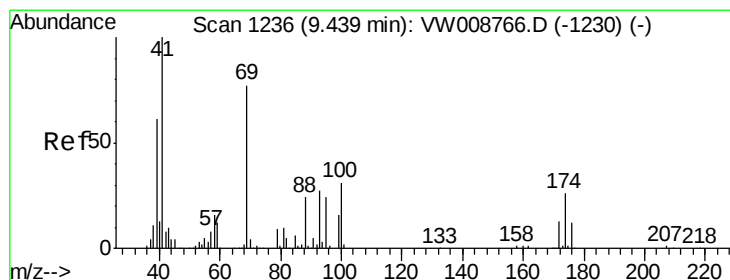
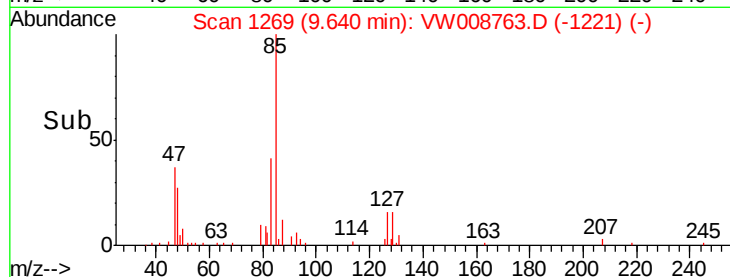
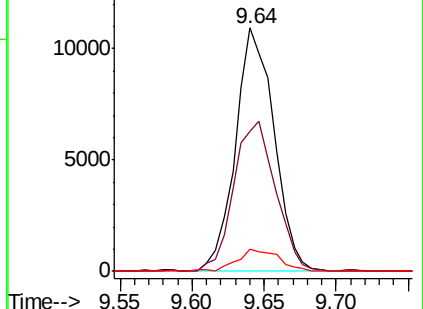
127 9.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.661 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

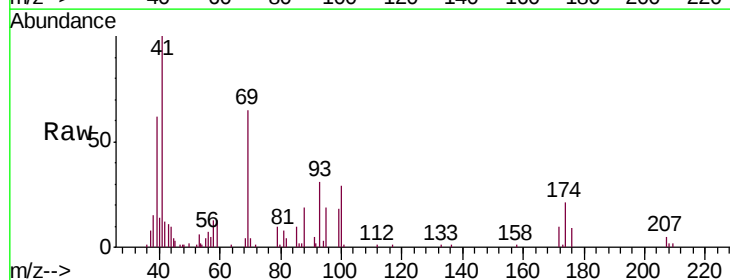
Tgt Ion: 41 Resp: 9941

Ion Ratio Lower Upper

41 100

69 78.8 63.6 95.4

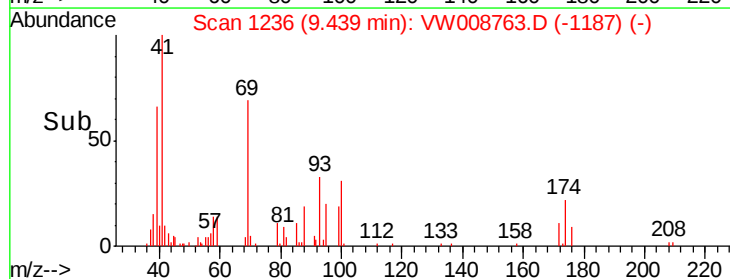
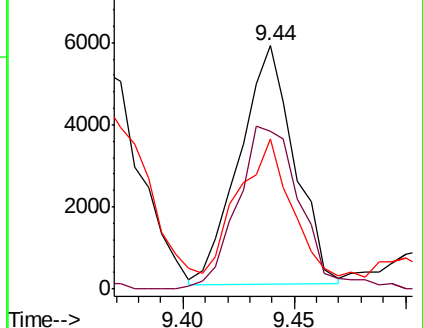
39 53.8 52.1 78.1

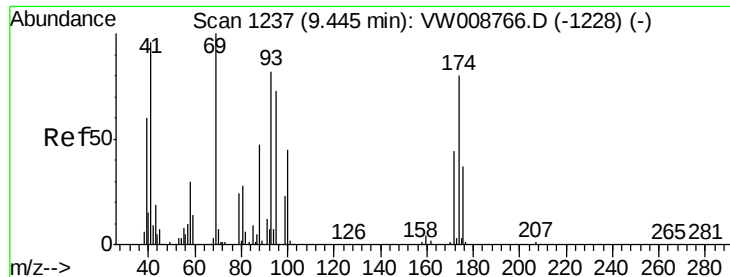


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

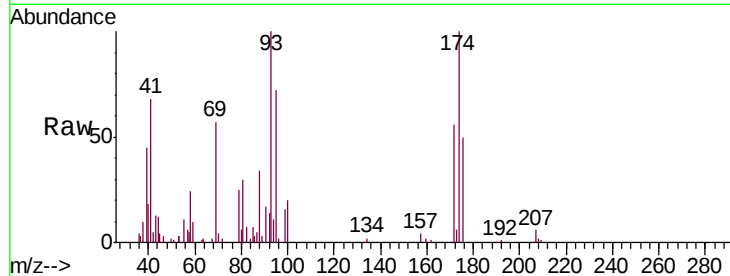




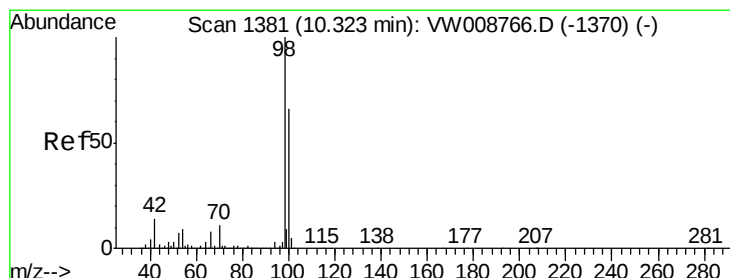
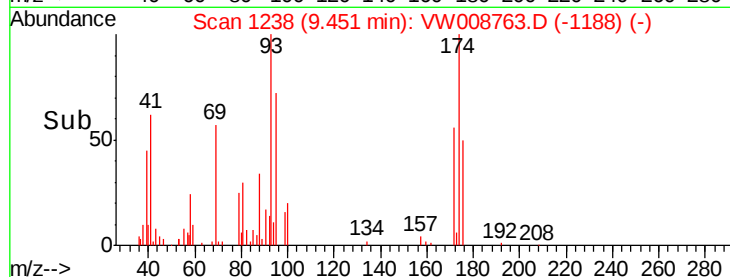
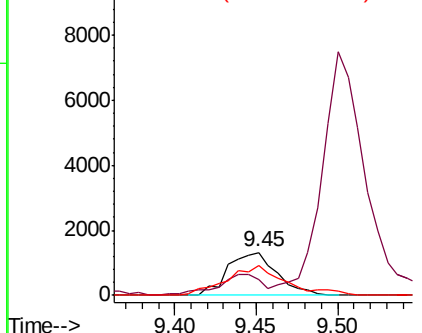
#49
1,4-Dioxane
Concen: 95.026 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 2740
Ion Ratio Lower Upper
88 100
43 43.6 29.0 43.4#
58 75.7 52.0 78.0

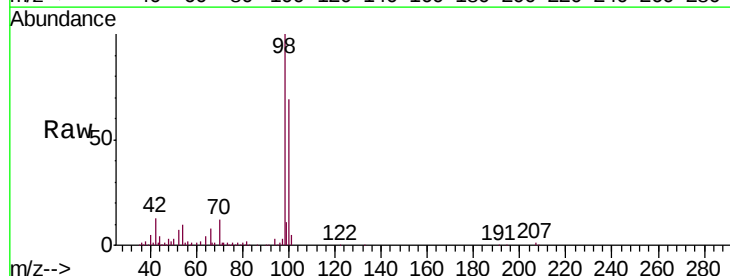


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

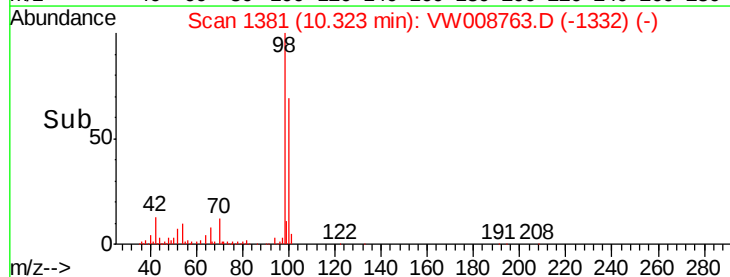
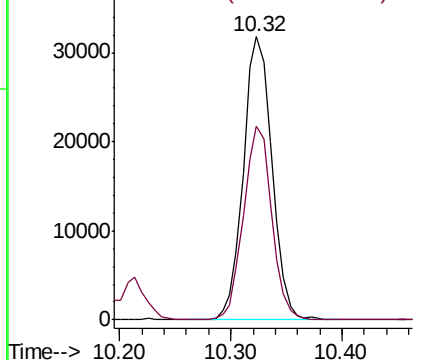


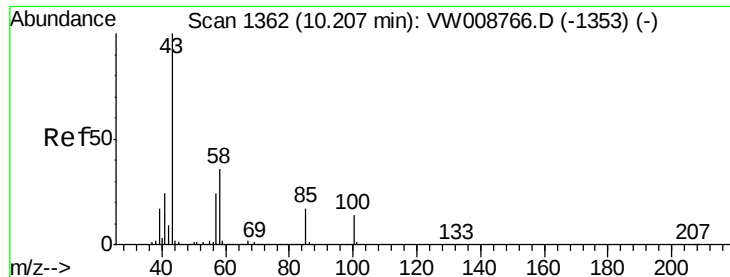
#50
Toluene-d8
Concen: 4.974 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 98 Resp: 56822
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 22.814 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

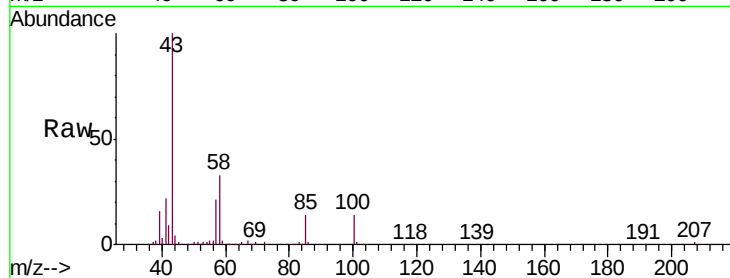
VSTDIC005

Tgt Ion: 43 Resp: 51574

Ion Ratio Lower Upper

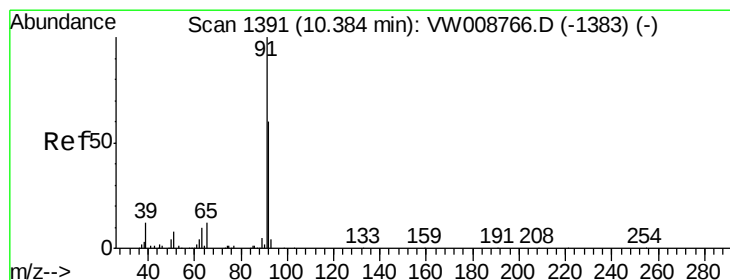
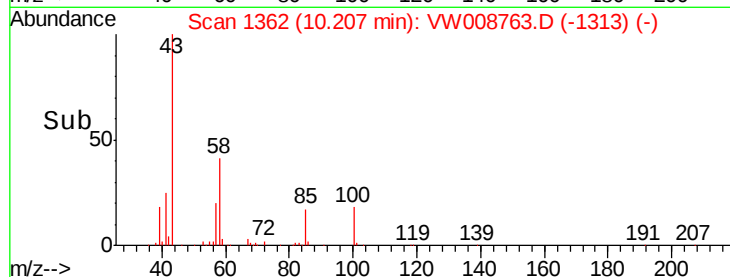
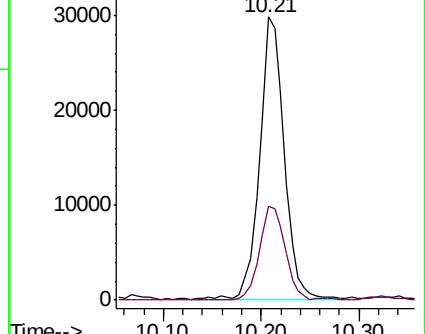
43 100

58 34.9 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 4.958 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008763.D

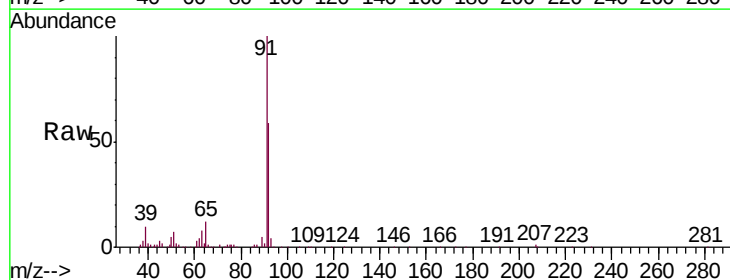
Acq: 21 Feb 2019 10:56

Tgt Ion: 92 Resp: 44078

Ion Ratio Lower Upper

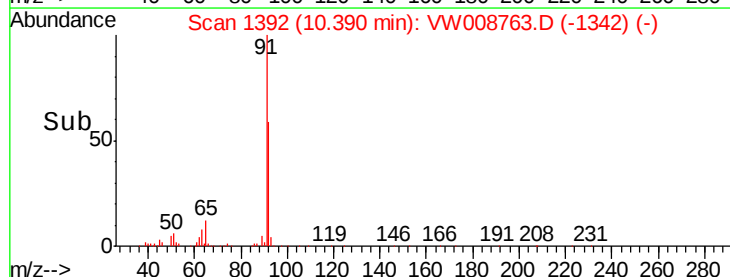
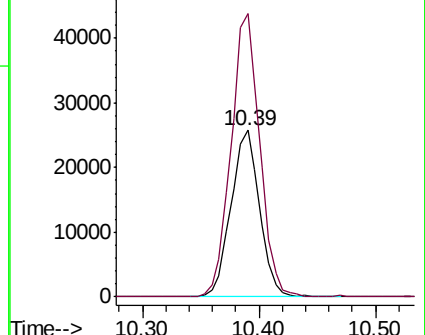
92 100

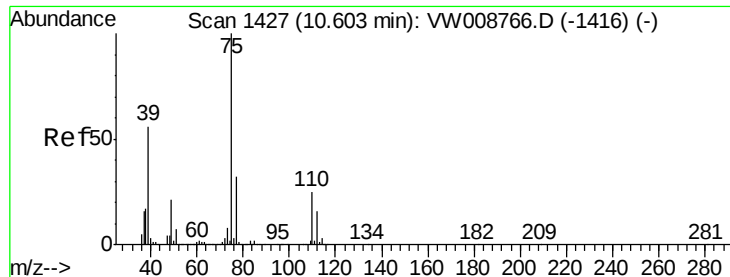
91 170.6 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 4.403 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

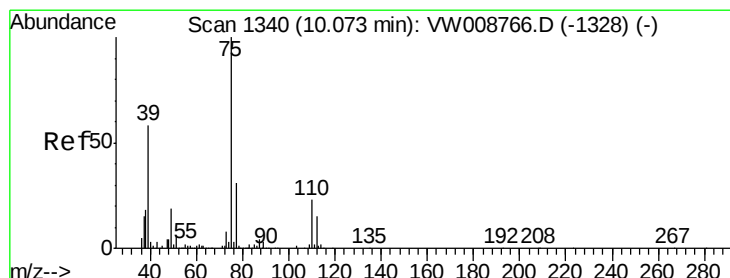
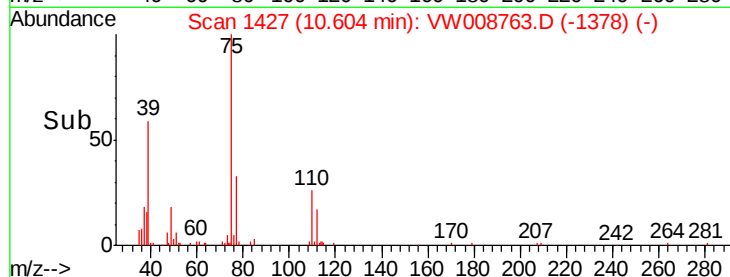
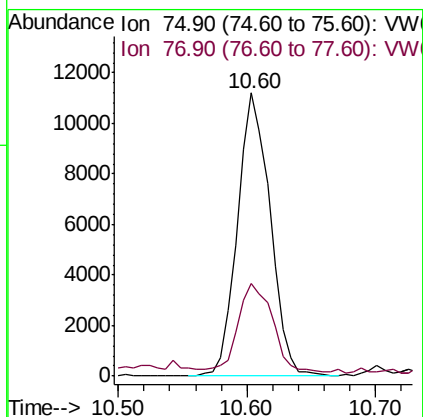
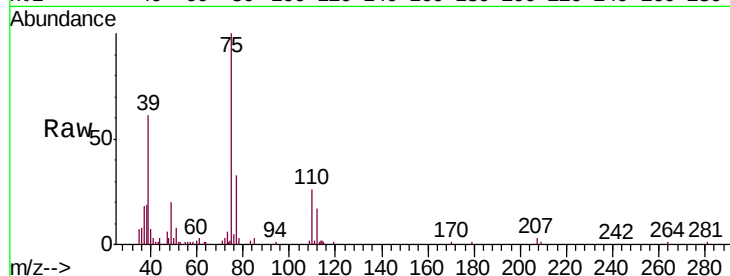
VSTDIC005

Tgt Ion: 75 Resp: 19662

Ion Ratio Lower Upper

75 100

77 30.2 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 4.380 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

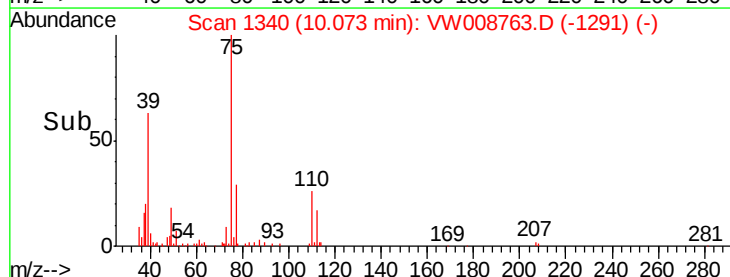
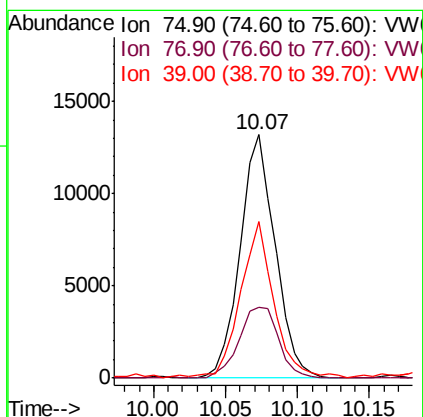
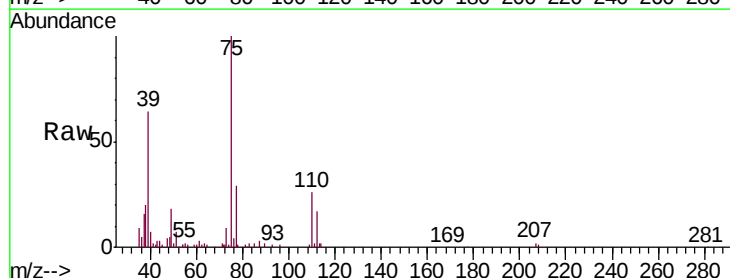
Tgt Ion: 75 Resp: 22308

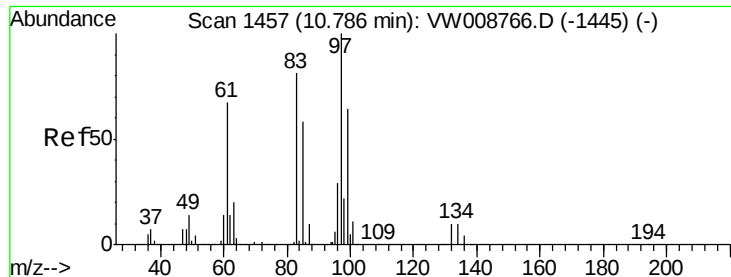
Ion Ratio Lower Upper

75 100

77 29.0 25.0 37.4

39 63.7 46.6 70.0

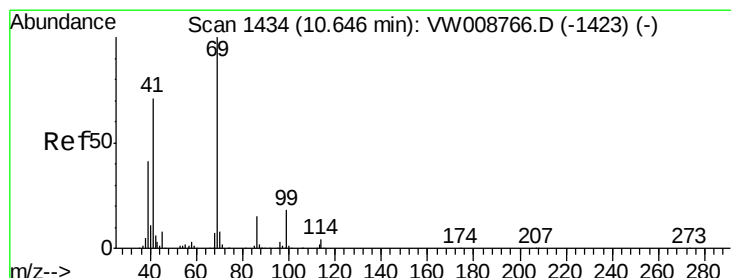
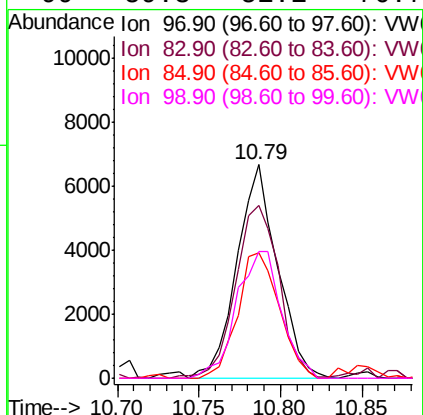
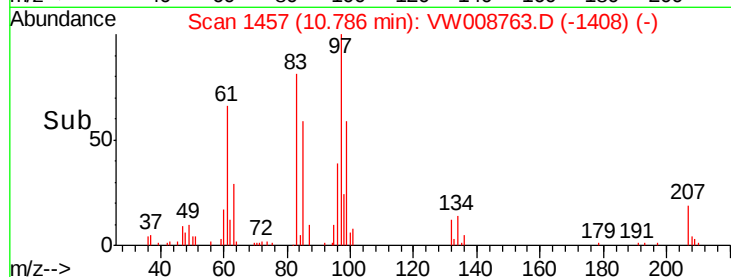
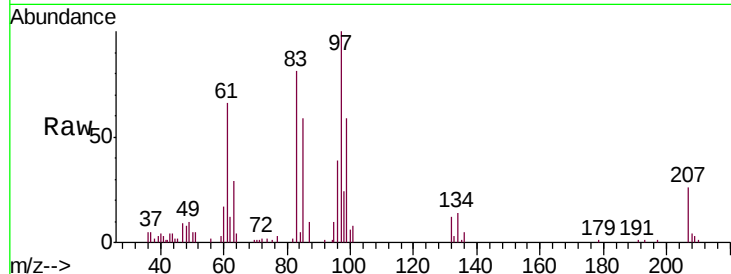




#55
 1,1,2-Trichloroethane
 Concen: 4.748 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

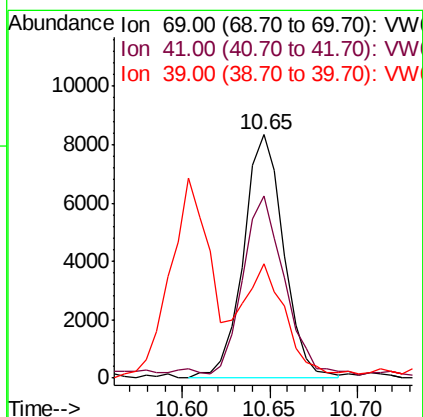
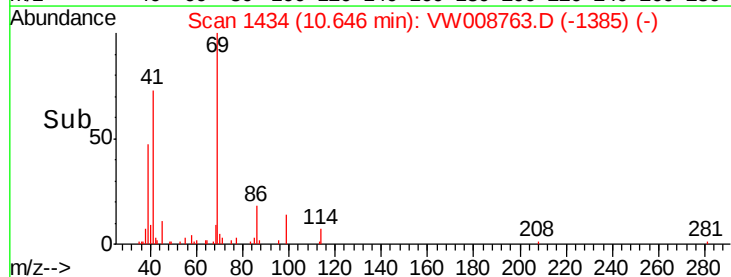
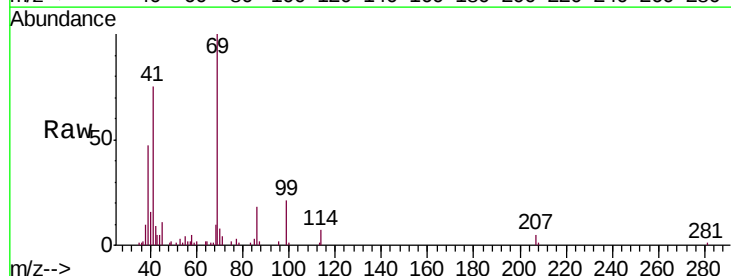
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

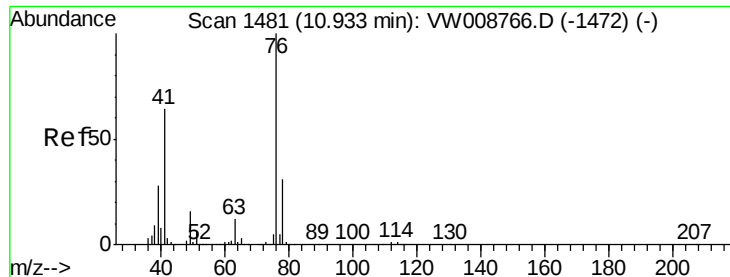
Tgt Ion	Resp	Lower	Upper
97	11594		
97	100		
83	79.8	65.0	97.6
85	58.8	46.0	69.0
99	59.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 4.204 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion	Resp	Lower	Upper
69	13336		
69	100		
41	75.4	57.4	86.0
39	43.7	34.8	52.2

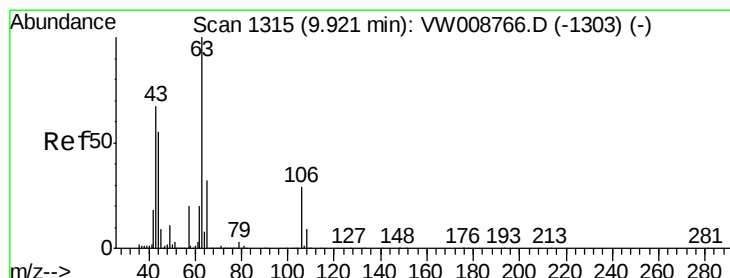
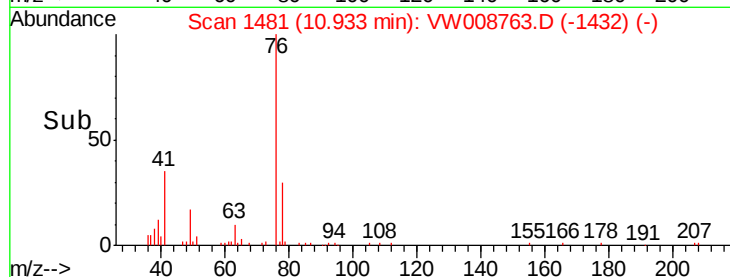
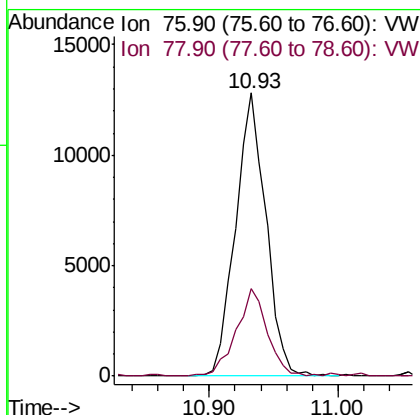
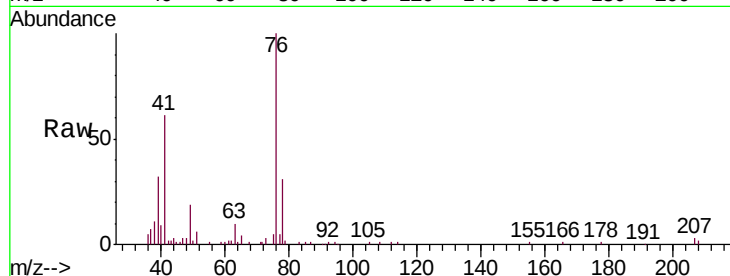




#57
 1,3-Dichloropropane
 Concen: 4.860 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

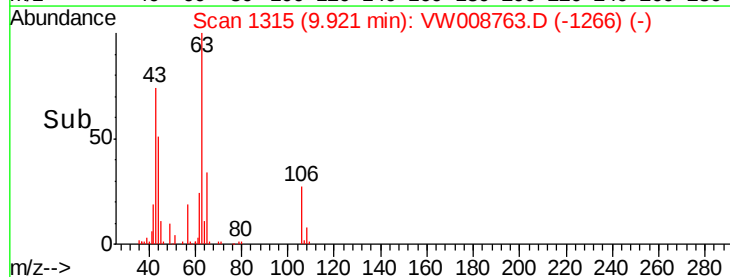
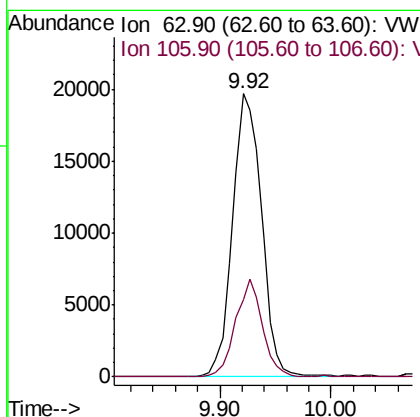
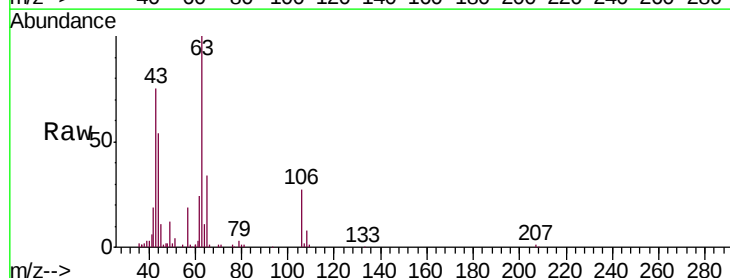
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

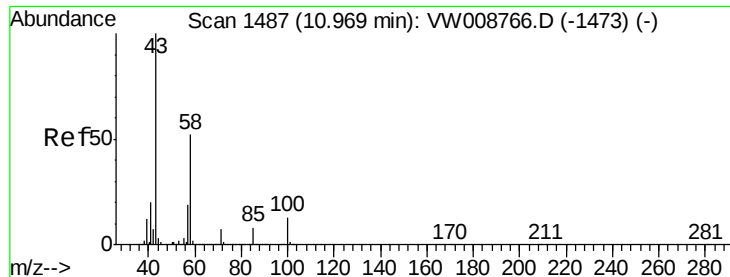
Tgt Ion: 76 Resp: 20952
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.252 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion: 63 Resp: 35505
 Ion Ratio Lower Upper
 63 100
 106 31.9 24.0 36.0

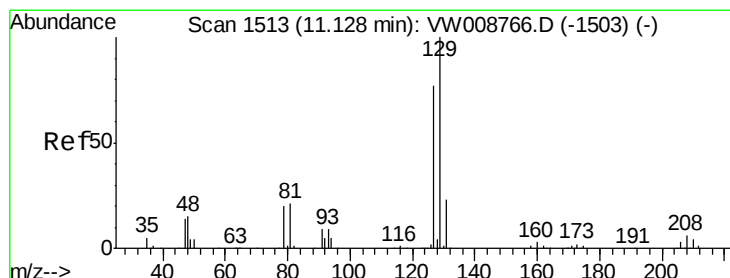
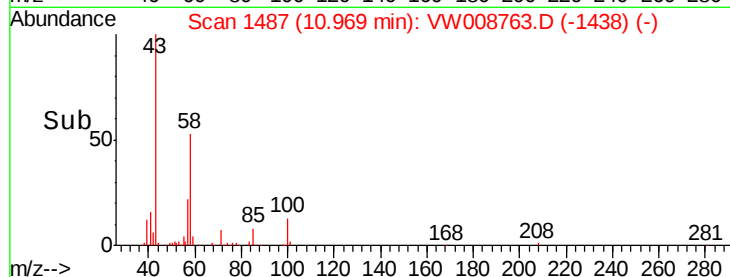
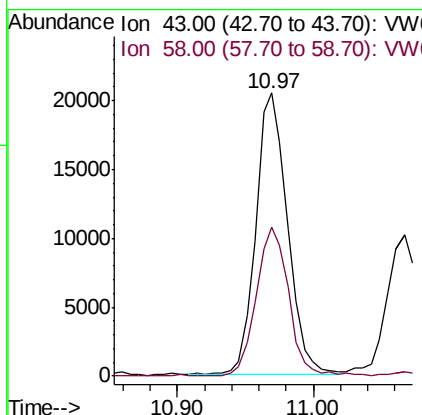
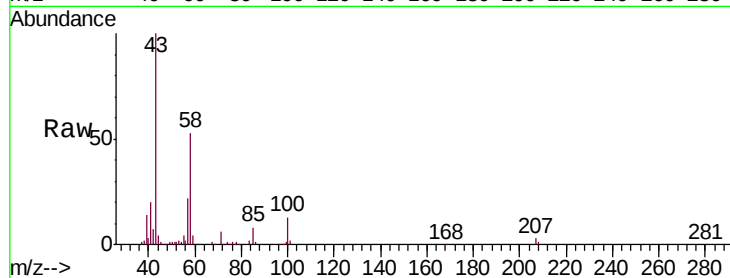




#59
2-Hexanone
Concen: 20.848 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

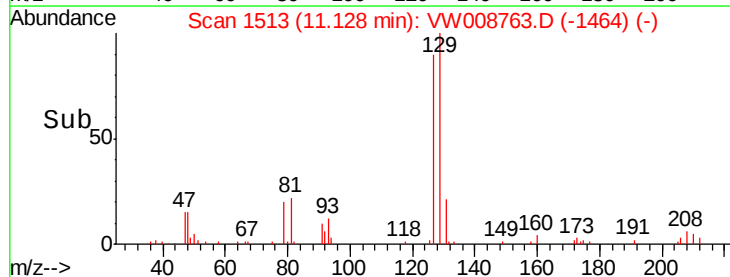
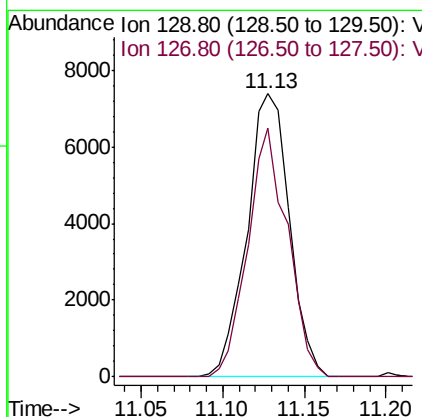
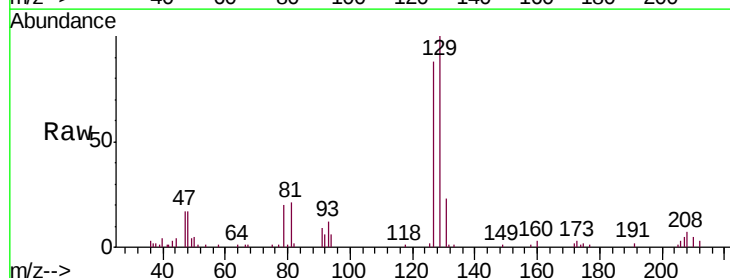
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

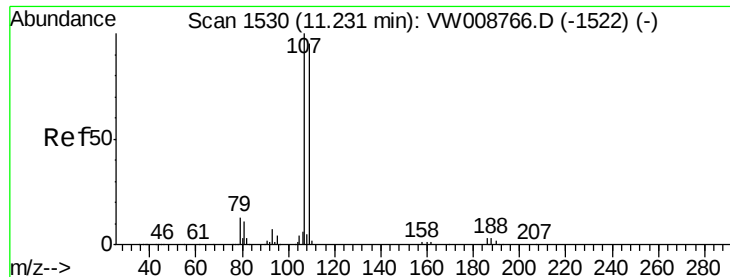
Tgt Ion: 43 Resp: 33549
Ion Ratio Lower Upper
43 100
58 54.4 25.3 75.8



#60
Dibromochloromethane
Concen: 4.503 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 129 Resp: 13412
Ion Ratio Lower Upper
129 100
127 82.0 39.0 116.9





#61

1,2-Dibromoethane

Concen: 4.611 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

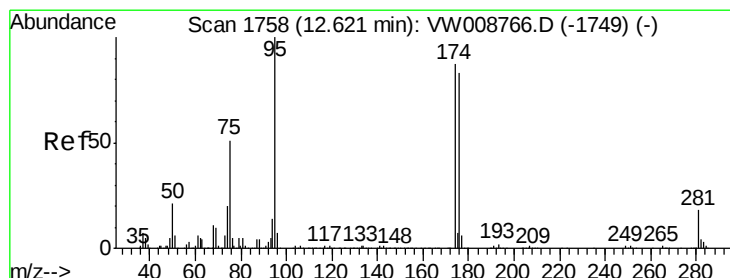
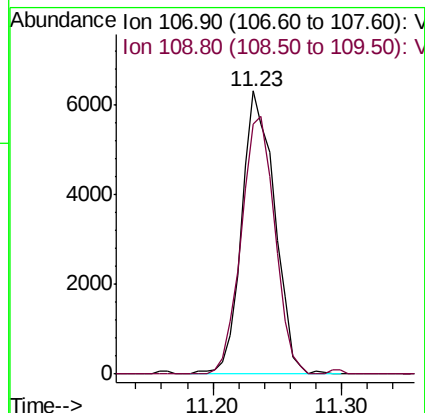
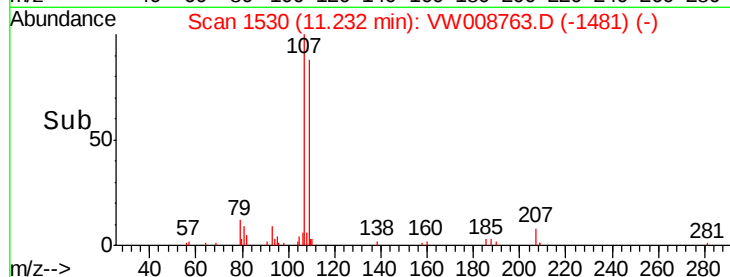
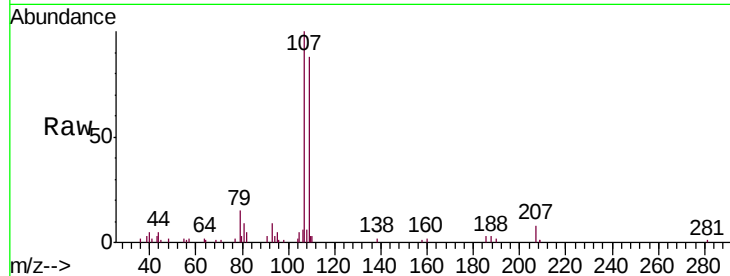
VSTDIC005

Tgt Ion: 107 Resp: 11144

Ion Ratio Lower Upper

107 100

109 92.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 5.095 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

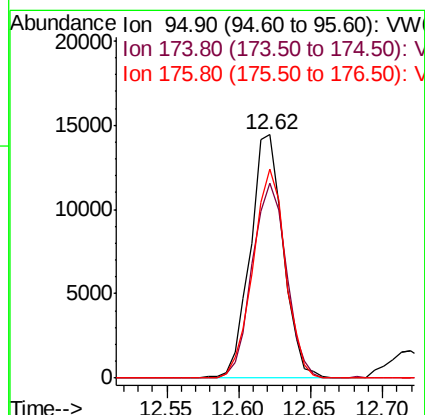
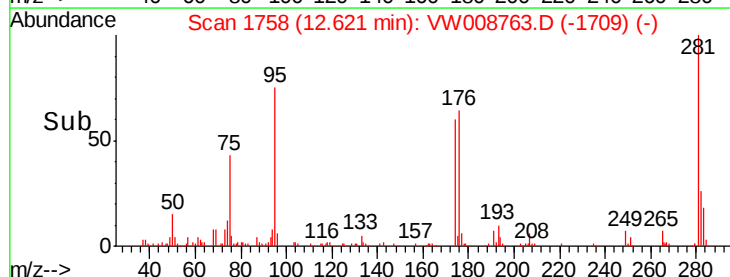
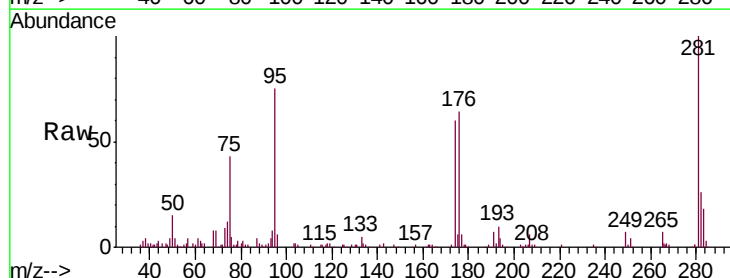
Tgt Ion: 95 Resp: 22788

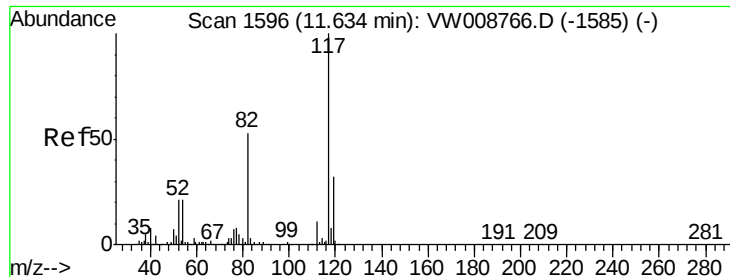
Ion Ratio Lower Upper

95 100

174 82.7 0.0 169.2

176 84.8 0.0 163.6

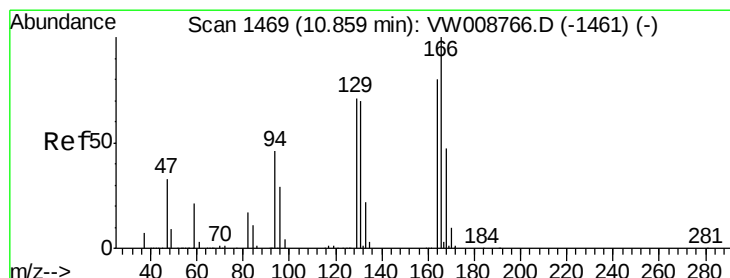
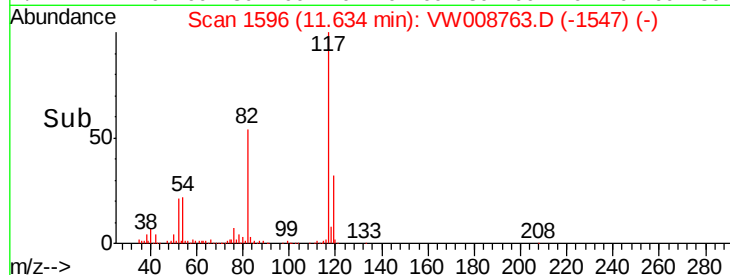
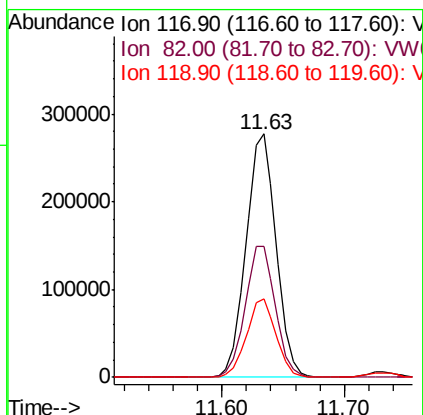
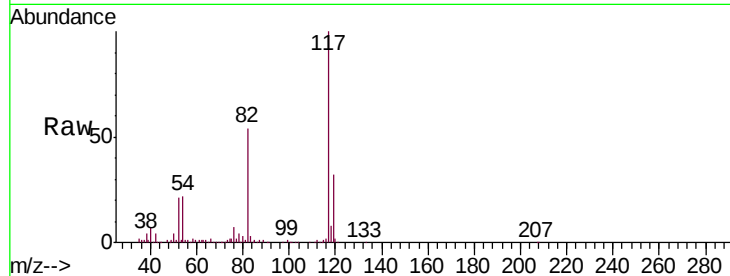




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

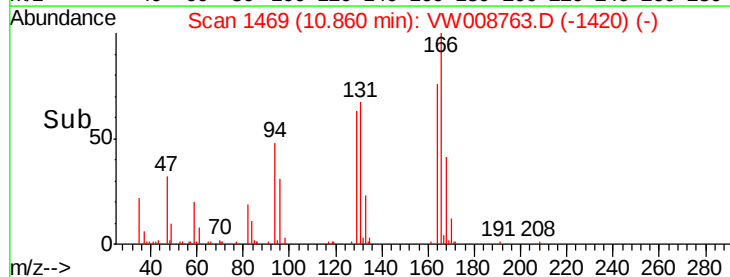
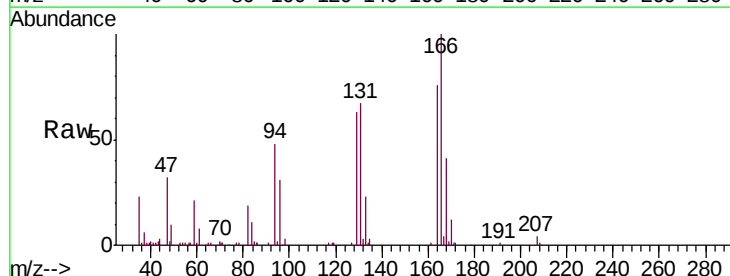
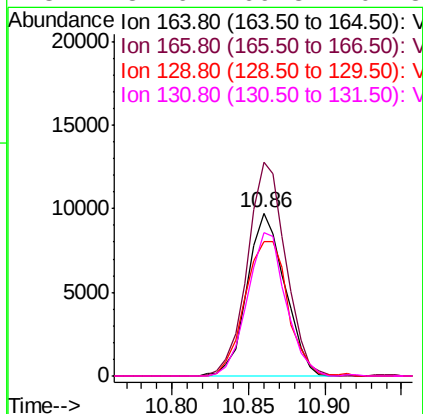
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

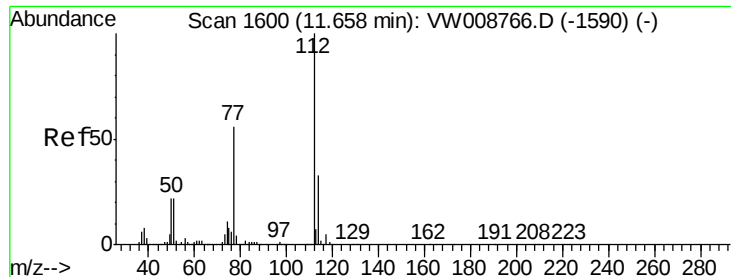
Tgt Ion:117 Resp: 473720
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 4.928 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion:164 Resp: 16710
Ion Ratio Lower Upper
164 100
166 130.9 99.5 149.3
129 82.4 71.1 106.7
131 87.6 69.8 104.8

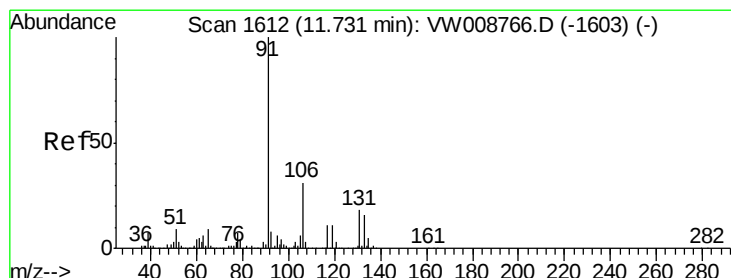
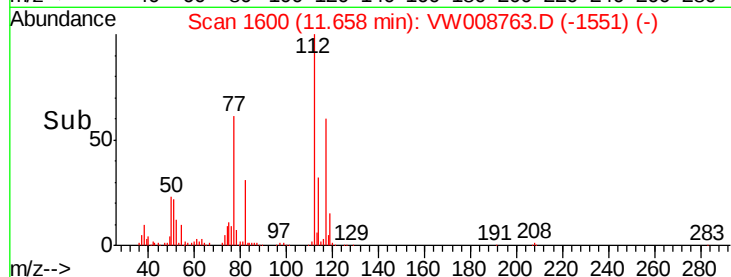
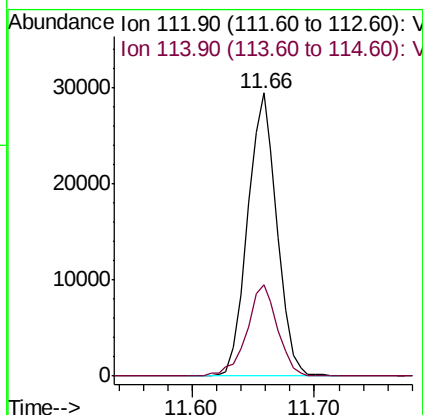
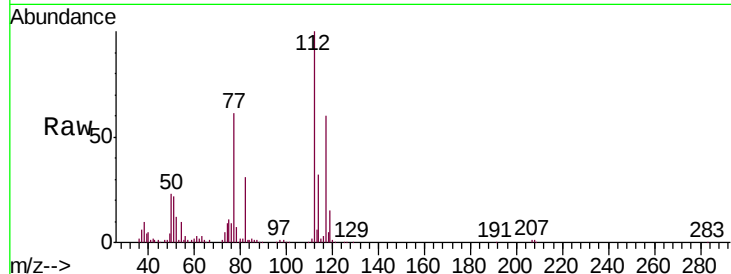




#65
Chlorobenzene
Concen: 4.912 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

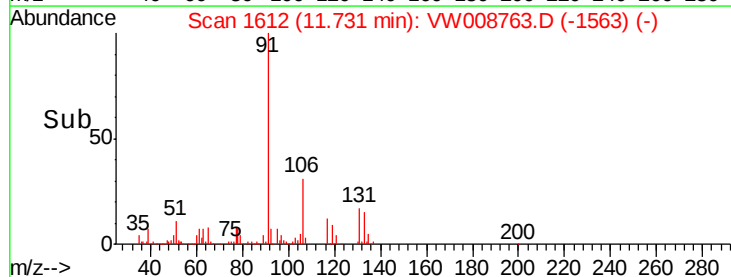
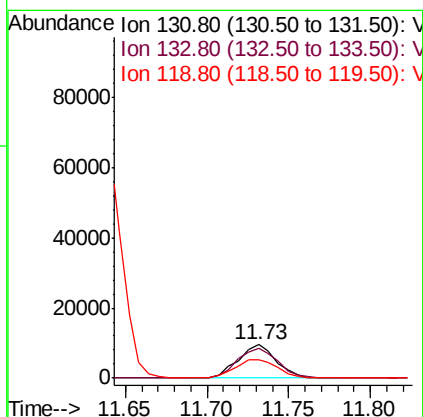
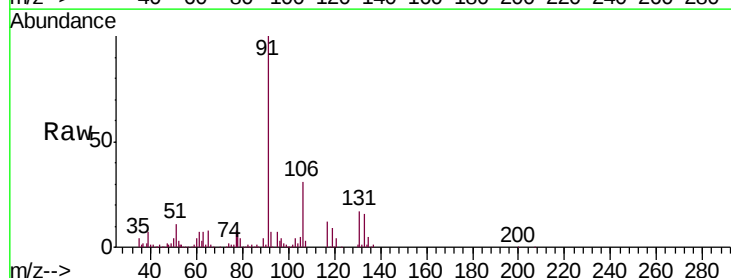
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

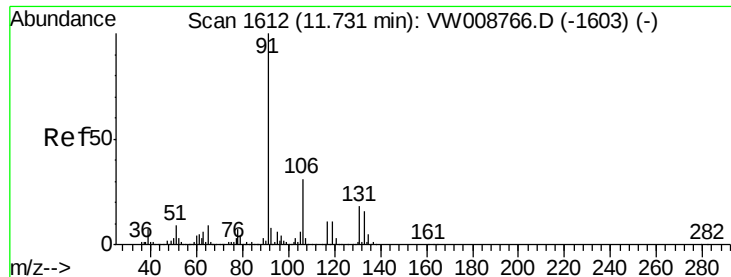
Tgt Ion:112 Resp: 48931
Ion Ratio Lower Upper
112 100
114 32.3 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.643 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion:131 Resp: 15637
Ion Ratio Lower Upper
131 100
133 93.4 46.7 140.0
119 59.8 30.8 92.4

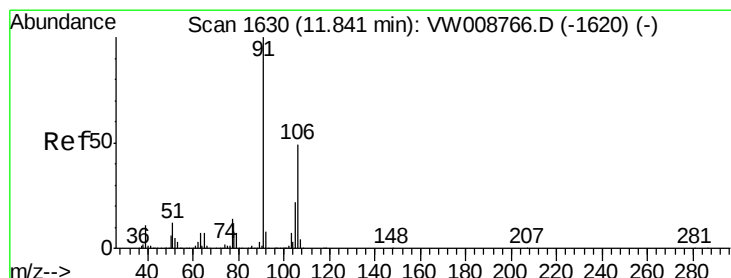
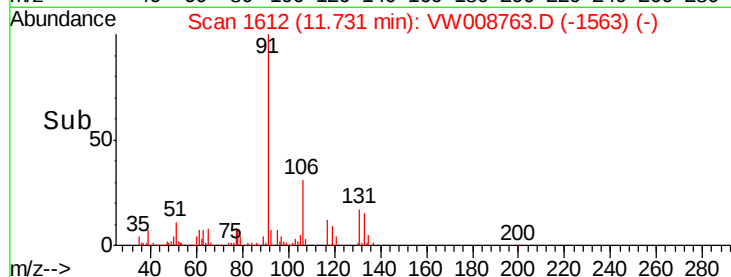
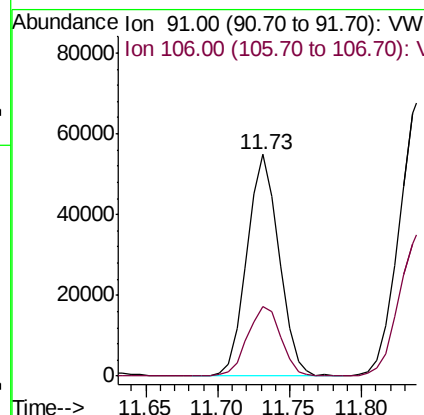
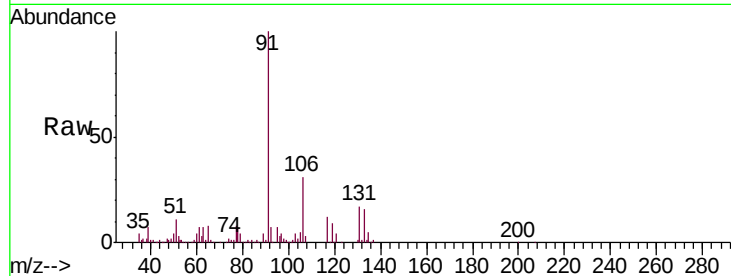




#67
Ethyl Benzene
Concen: 4.769 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

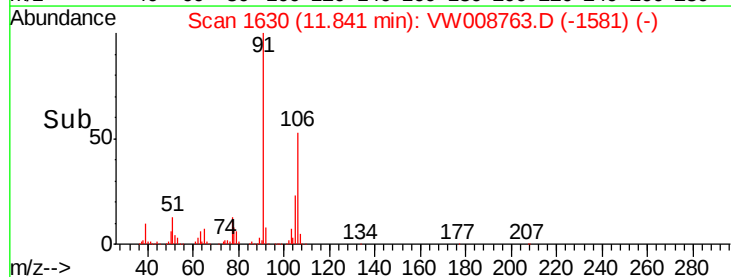
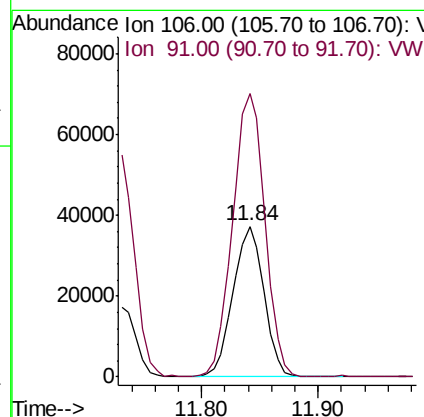
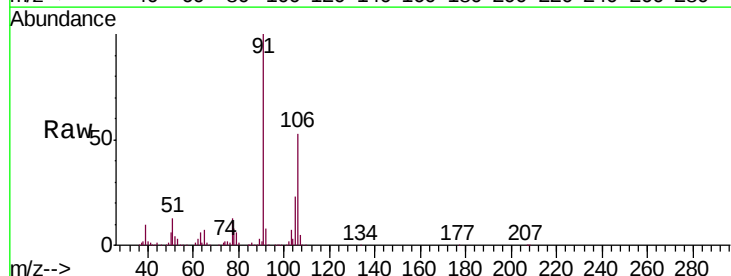
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

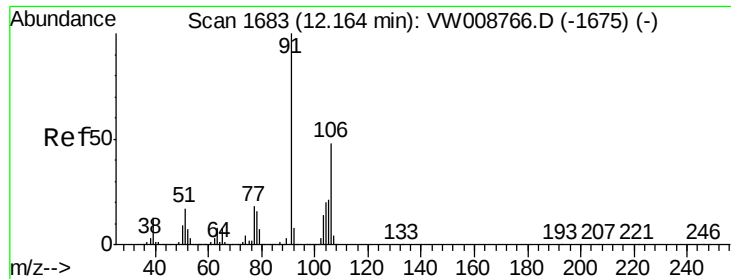
Tgt Ion: 91 Resp: 84919
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 9.679 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 106 Resp: 68867
Ion Ratio Lower Upper
106 100
91 196.3 161.5 242.3

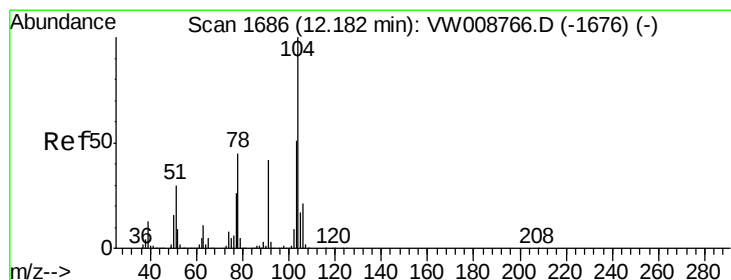
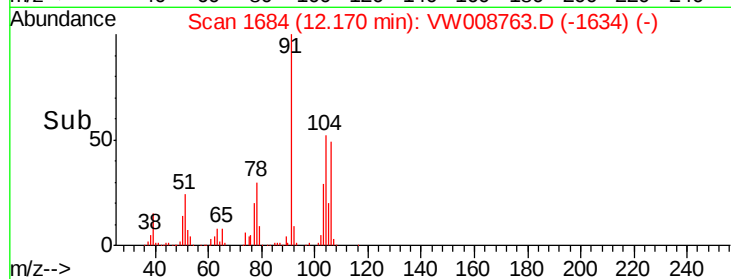
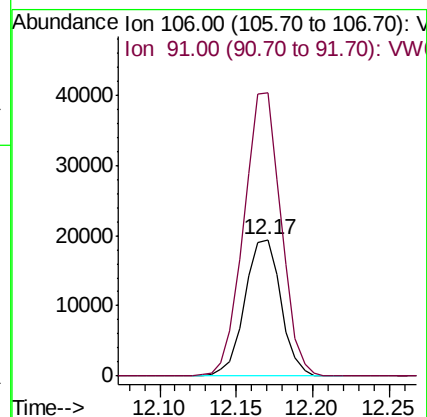
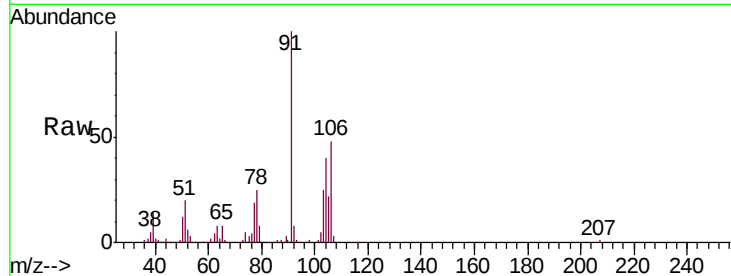




#69
o-Xylene
Concen: 4.780 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

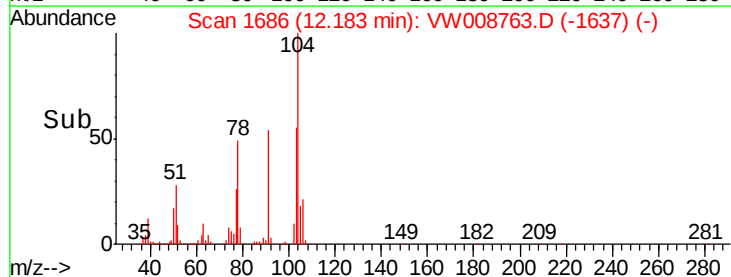
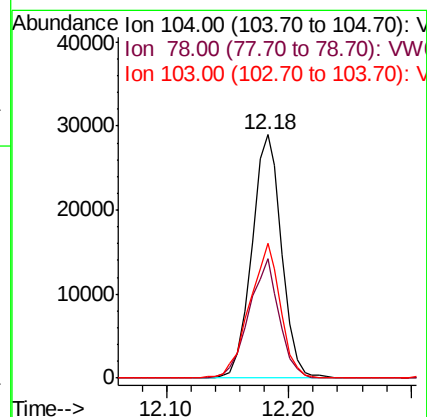
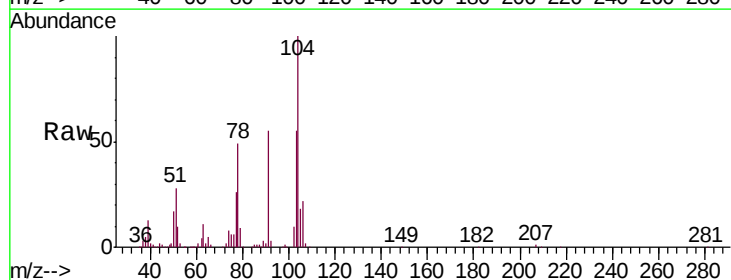
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

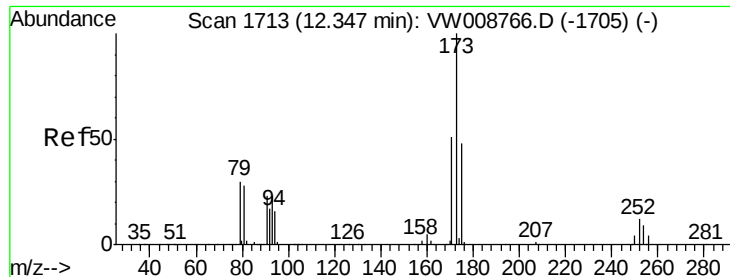
Tgt Ion:106 Resp: 31918
Ion Ratio Lower Upper
106 100
91 213.7 106.2 318.6



#70
Styrene
Concen: 4.551 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion:104 Resp: 48894
Ion Ratio Lower Upper
104 100
78 49.9 40.8 61.2
103 57.7 44.2 66.2

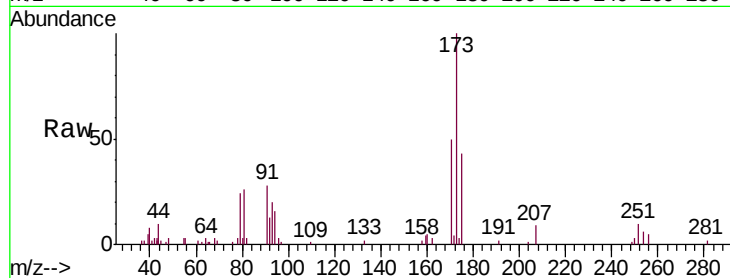




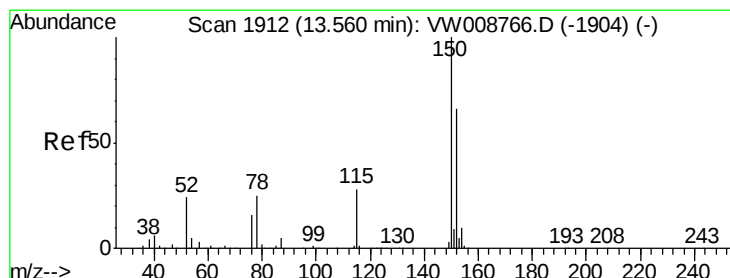
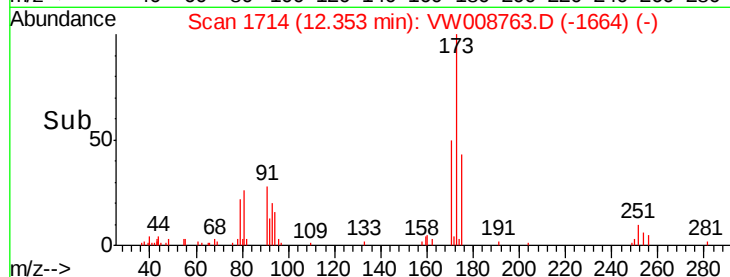
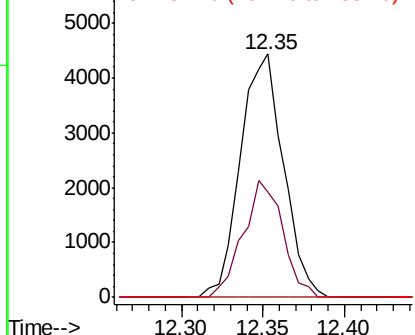
#71
Bromoform
Concen: 4.489 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 8127
Ion Ratio Lower Upper
173 100
175 44.3 24.2 72.6
254 0.0 0.2 0.4#

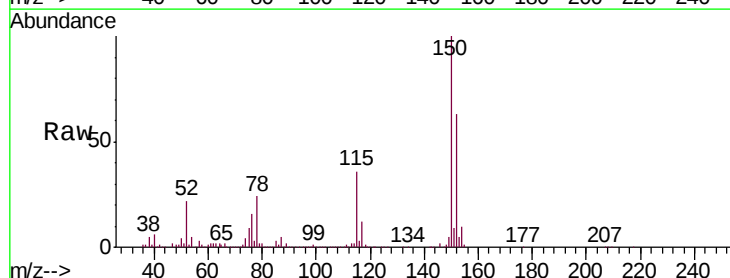


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

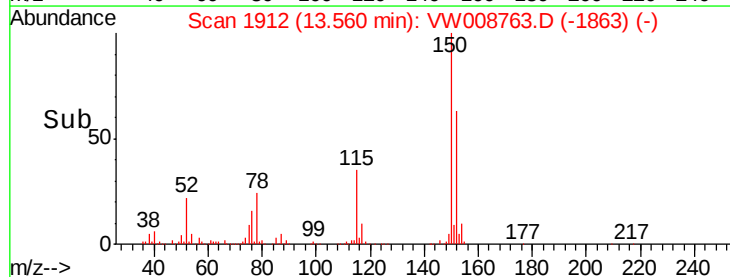
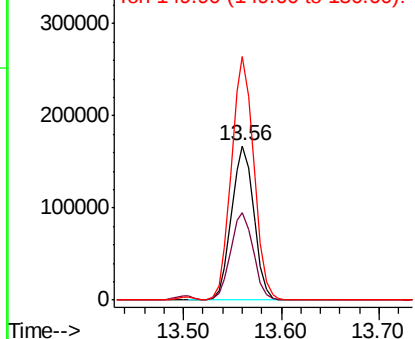


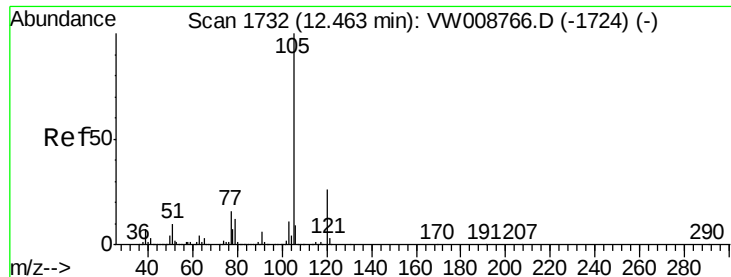
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion:152 Resp: 265365
Ion Ratio Lower Upper
152 100
115 57.4 28.6 85.8
150 158.4 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





#73

Isopropylbenzene

Concen: 4.591 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

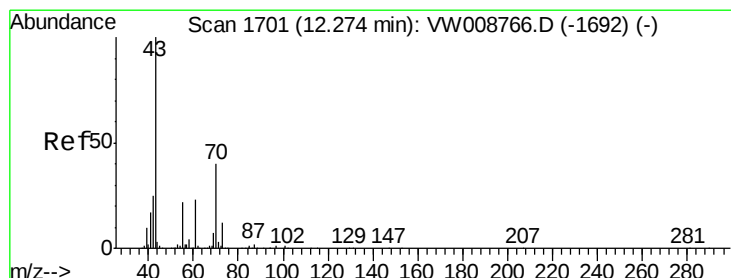
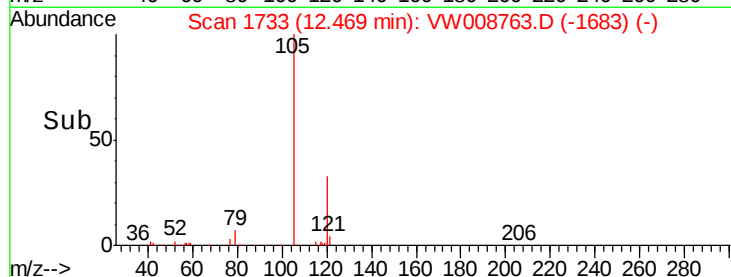
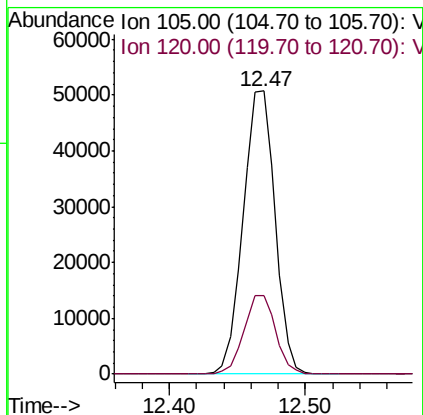
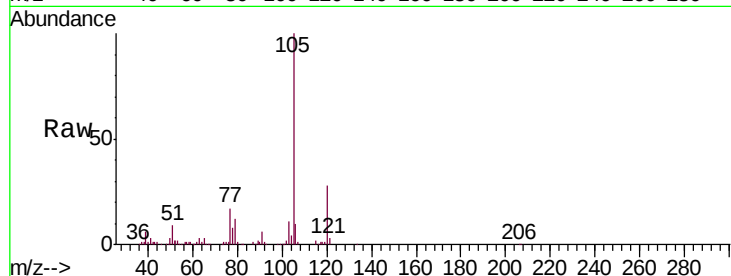
VSTDIC005

Tgt Ion: 105 Resp: 83525

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.9



#74

N-ethyl acetate

Concen: 4.220 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Tgt Ion: 43 Resp: 19337

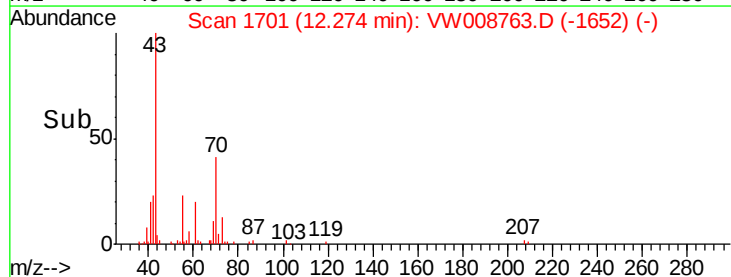
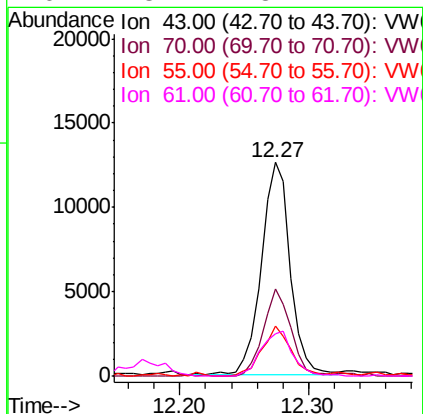
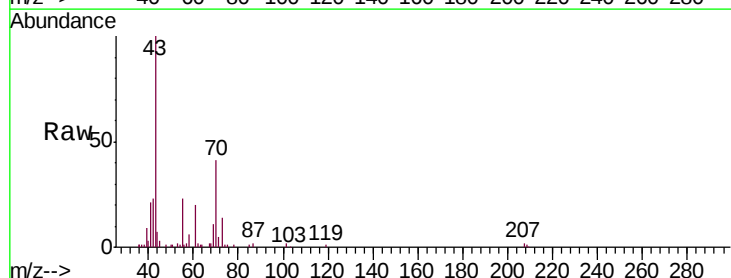
Ion Ratio Lower Upper

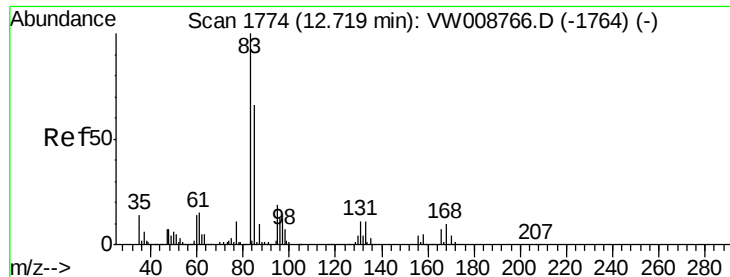
43 100

70 39.2 31.0 46.6

55 23.6 18.7 28.1

61 23.4 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 4.840 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

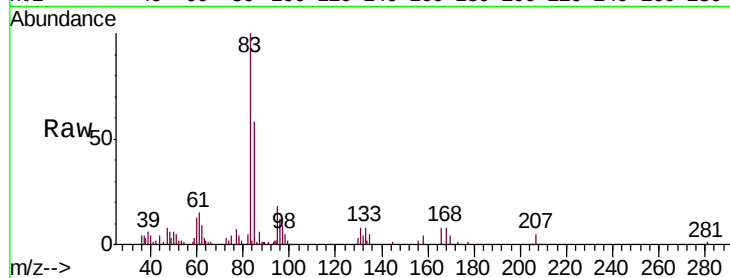
Tgt Ion: 83 Resp: 14386

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.7

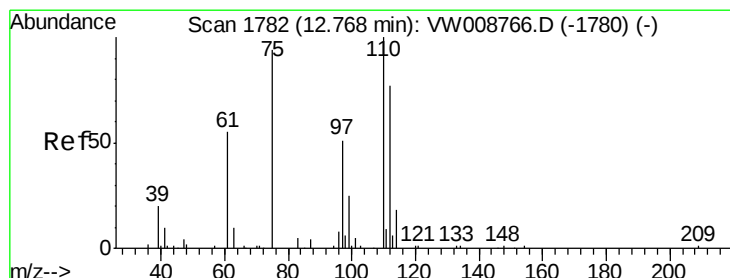
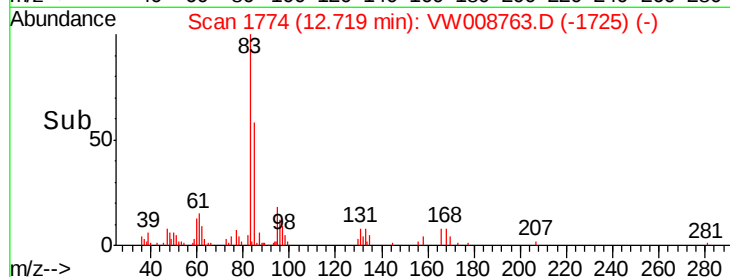
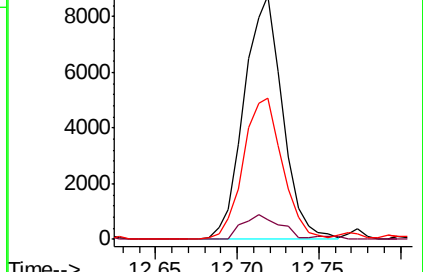
85 59.0 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.167 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008763.D

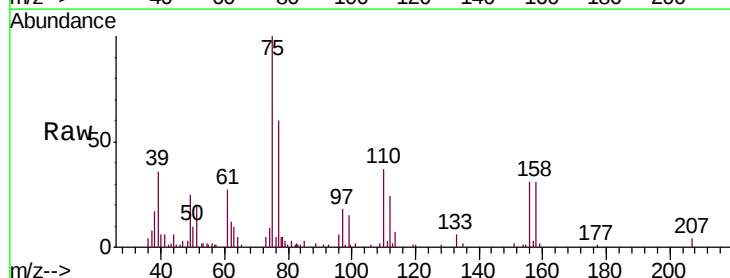
Acq: 21 Feb 2019 10:56

Tgt Ion: 75 Resp: 18751

Ion Ratio Lower Upper

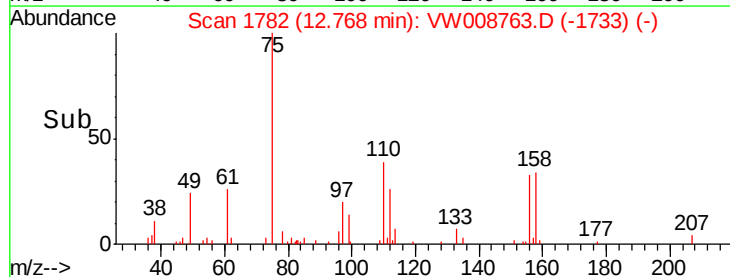
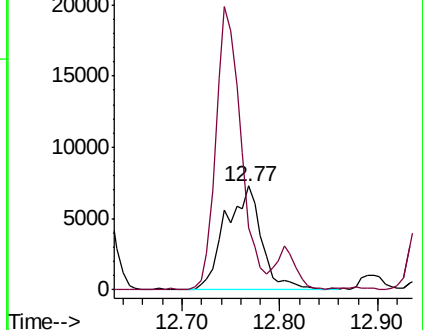
75 100

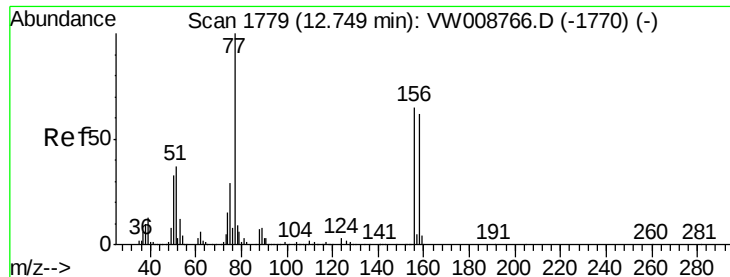
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.975 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

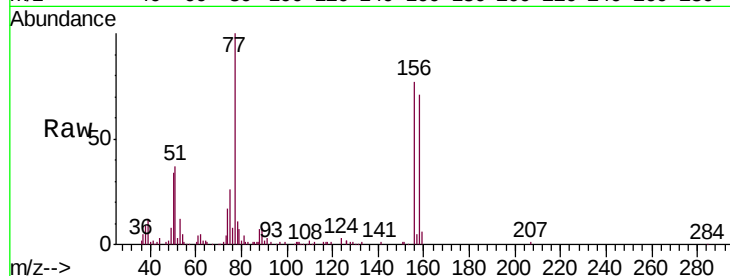
Tgt Ion:156 Resp: 21388

Ion Ratio Lower Upper

156 100

77 166.1 89.1 267.4

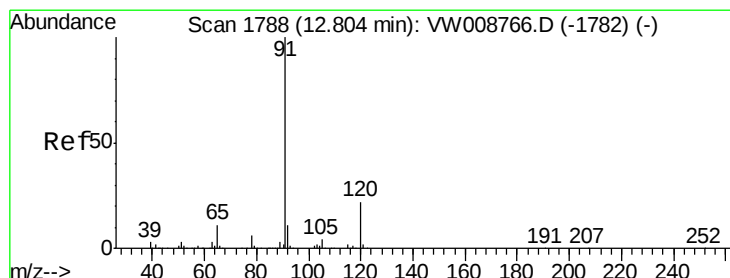
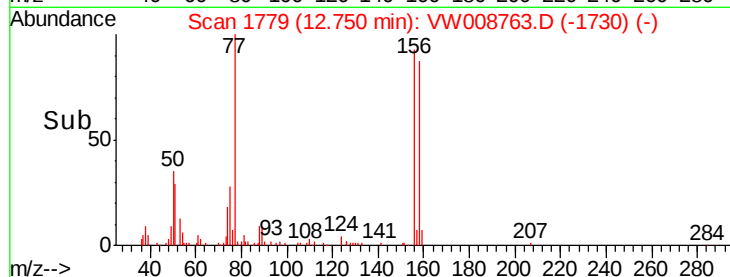
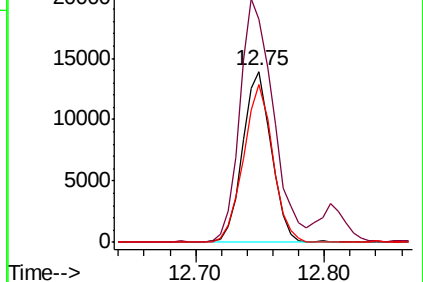
158 94.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.640 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008763.D

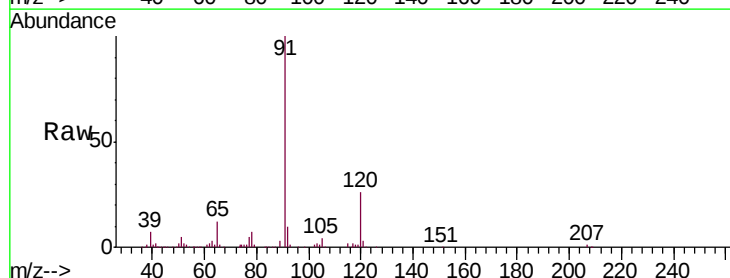
Acq: 21 Feb 2019 10:56

Tgt Ion: 91 Resp: 103259

Ion Ratio Lower Upper

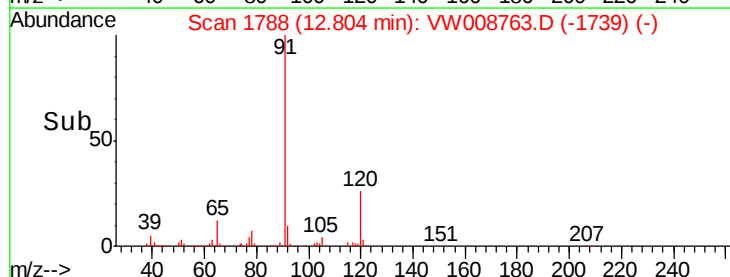
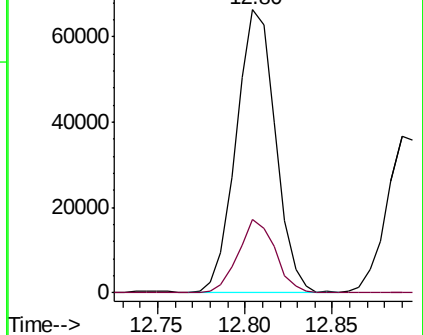
91 100

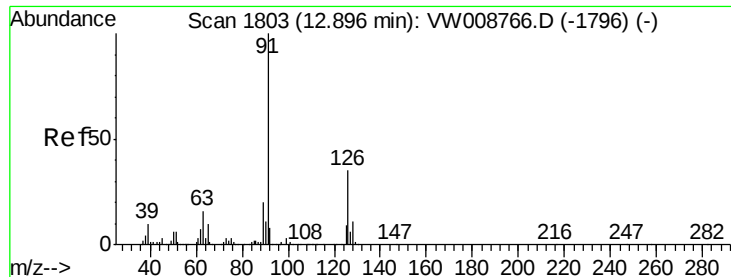
120 24.6 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

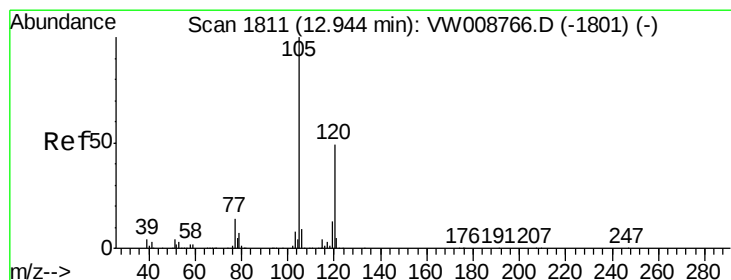
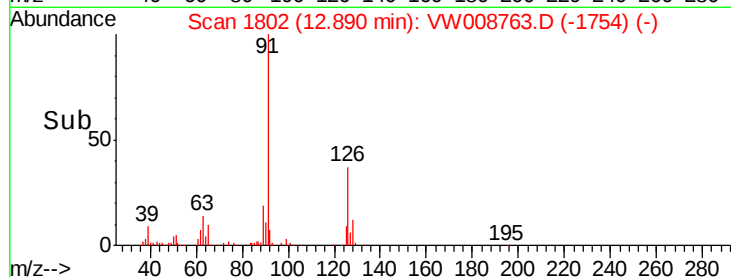
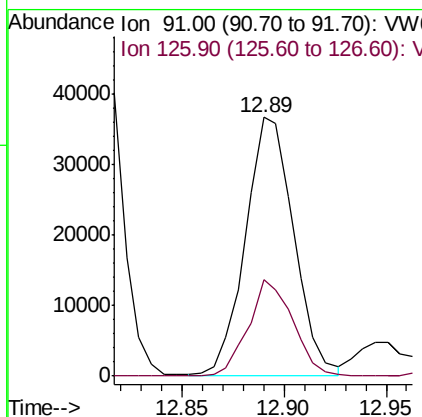
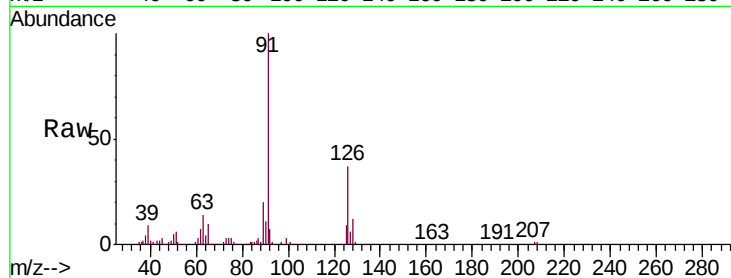




#79
 2-Chlorotoluene
 Concen: 4.773 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

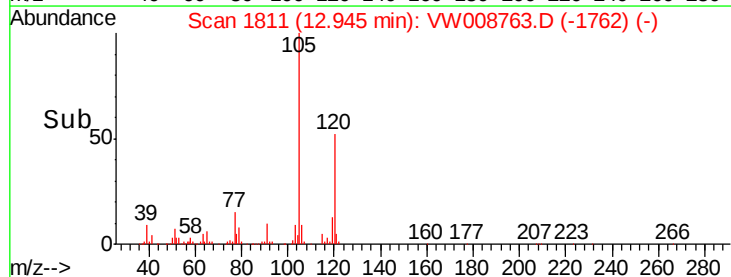
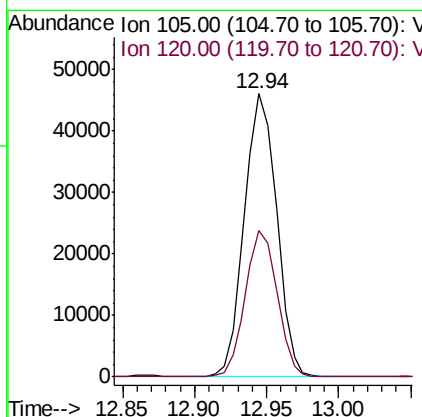
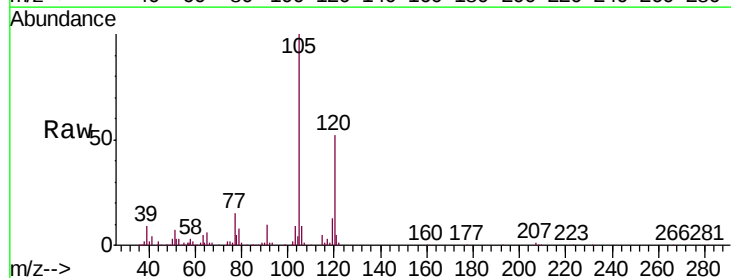
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

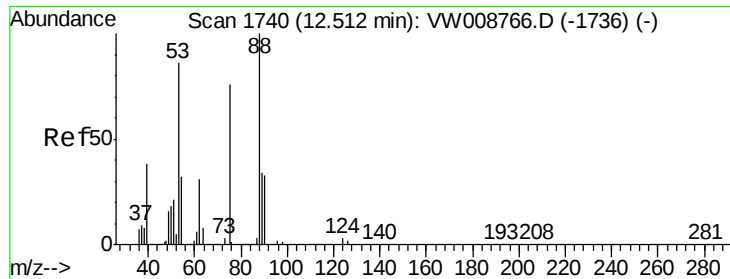
Tgt Ion: 91 Resp: 60307
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.546 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion: 105 Resp: 71874
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.154 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

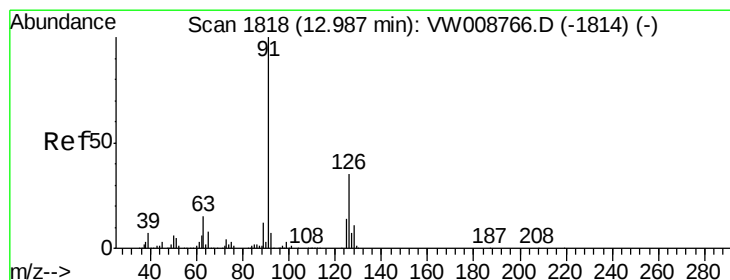
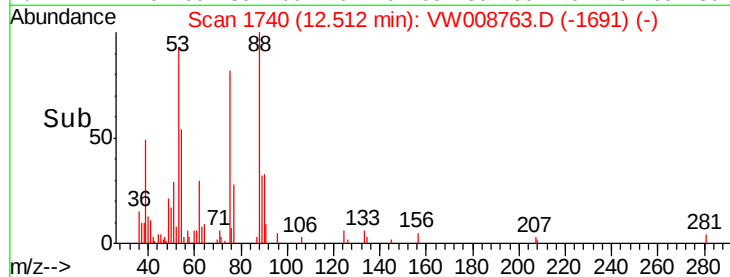
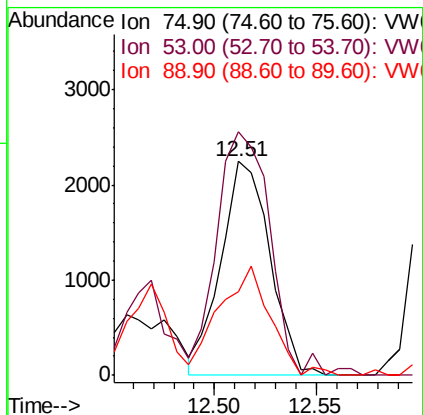
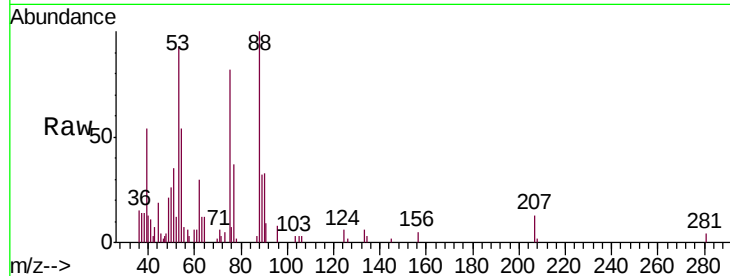
Tgt Ion: 75 Resp: 3744

Ion Ratio Lower Upper

75 100

53 124.4 88.2 132.2

89 53.0 39.5 59.3



#82

4-Chlorotoluene

Concen: 4.772 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008763.D

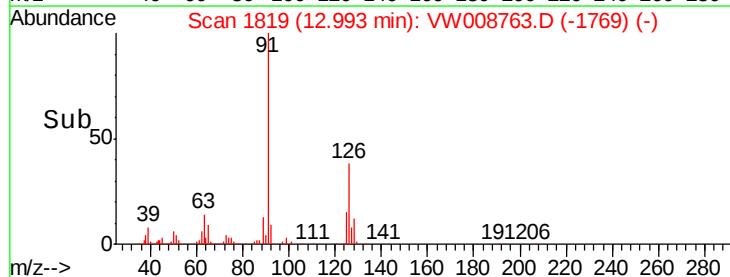
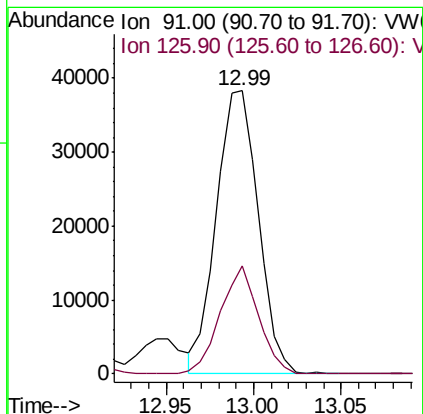
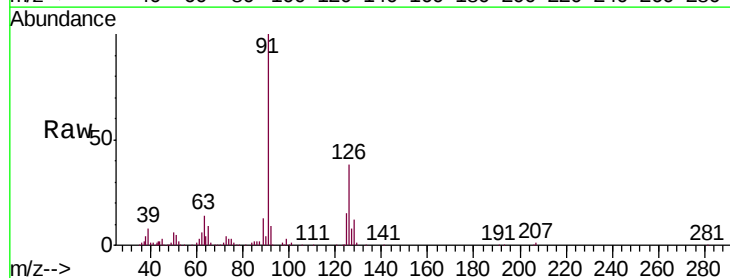
Acq: 21 Feb 2019 10:56

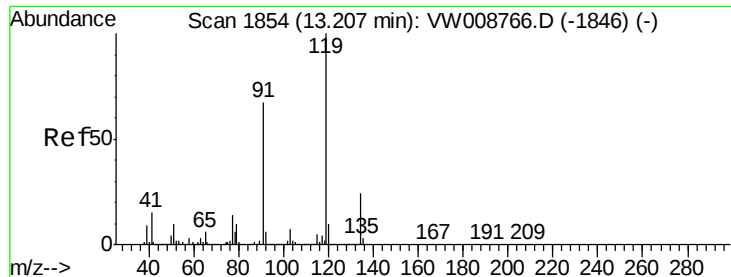
Tgt Ion: 91 Resp: 63535

Ion Ratio Lower Upper

91 100

126 35.2 17.2 51.6

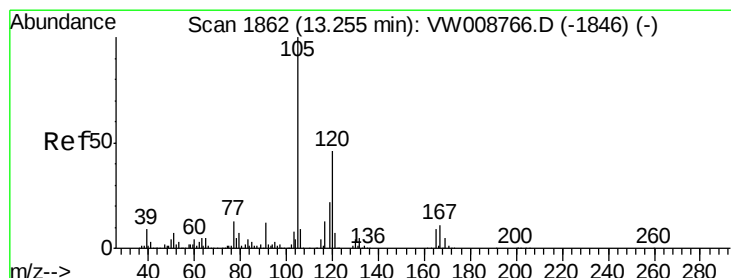
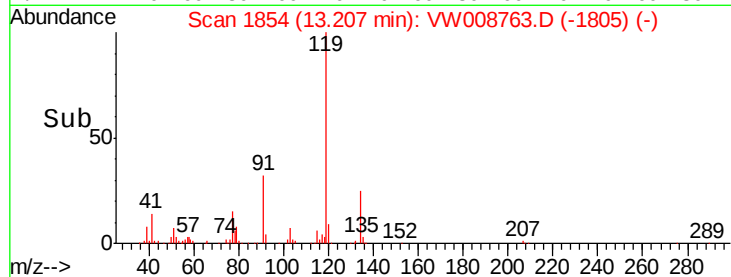
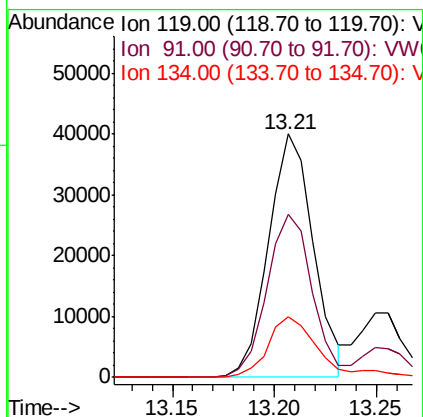
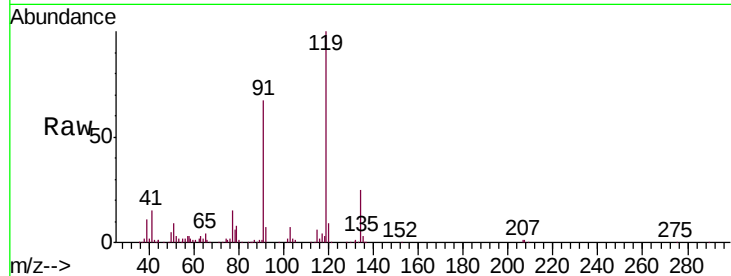




#83
 tert-Butylbenzene
 Concen: 4.497 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

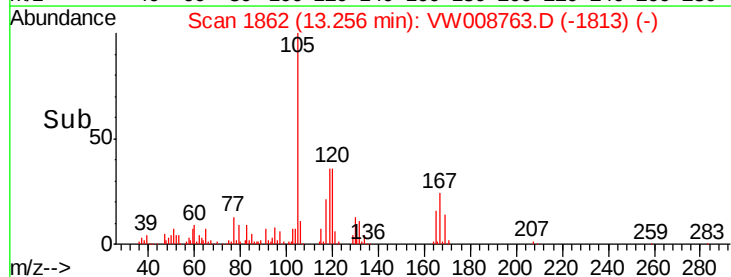
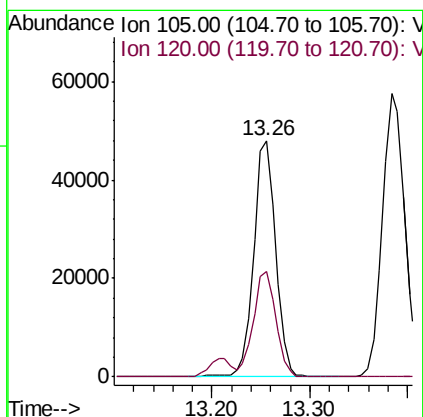
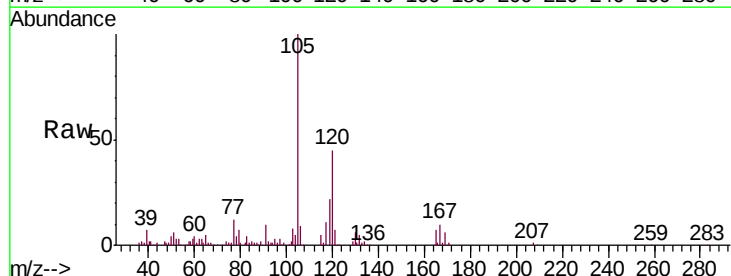
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

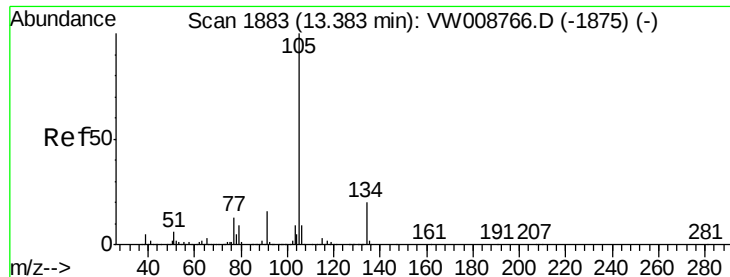
Tgt Ion:119 Resp: 61478
 Ion Ratio Lower Upper
 119 100
 91 68.5 33.6 100.8
 134 28.1 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.574 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion:105 Resp: 74859
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4

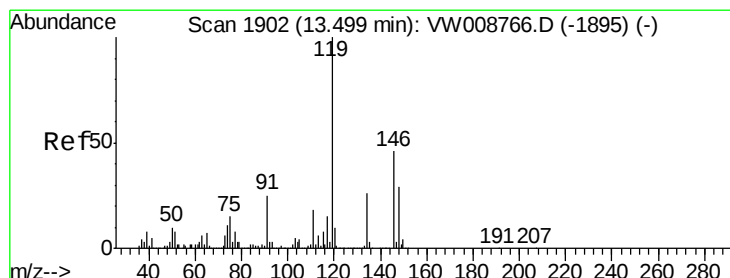
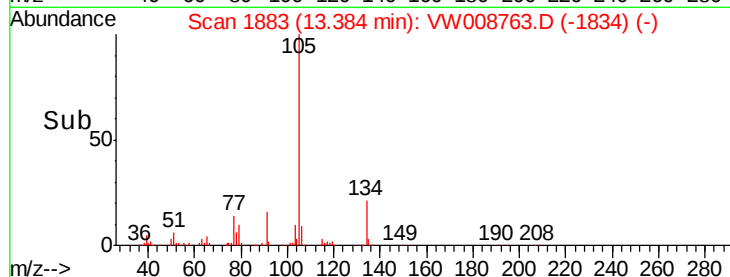
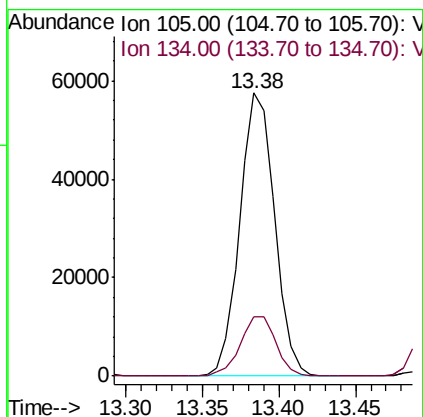
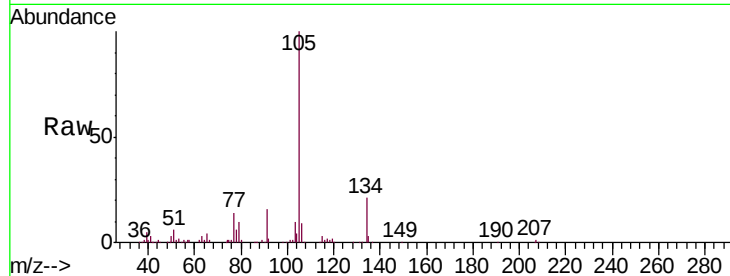




#85
 sec-Butylbenzene
 Concen: 4.619 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

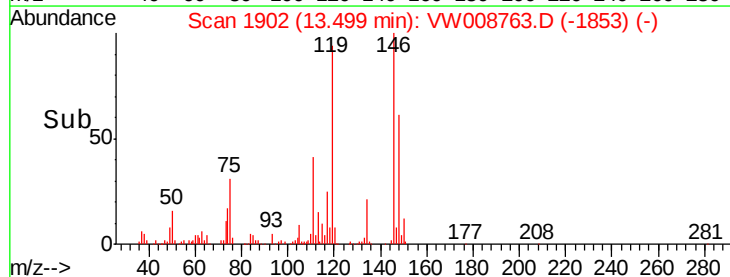
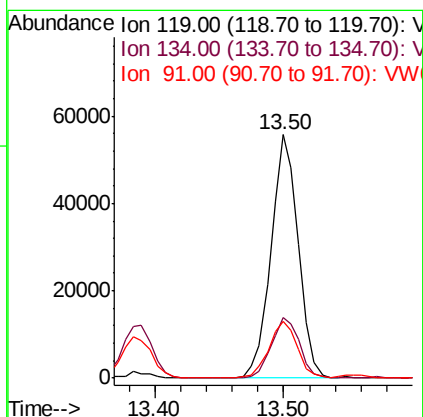
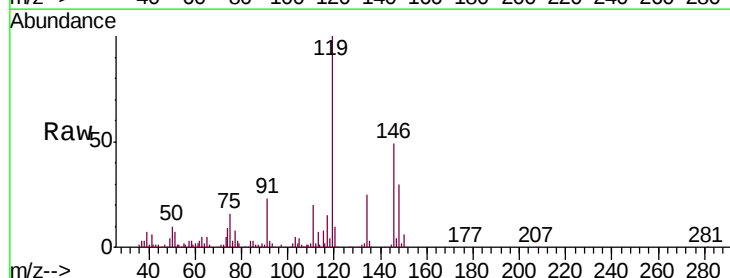
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

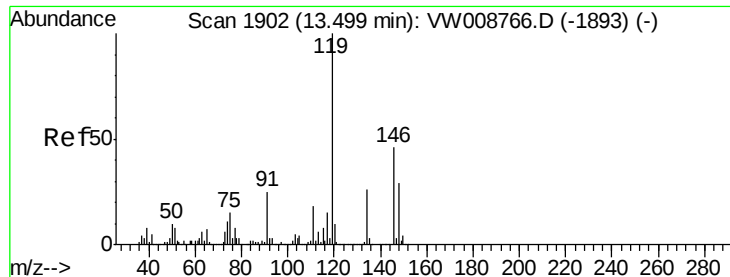
Tgt Ion:105 Resp: 90796
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.571 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion:119 Resp: 82366
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.3
 91 24.4 12.1 36.3

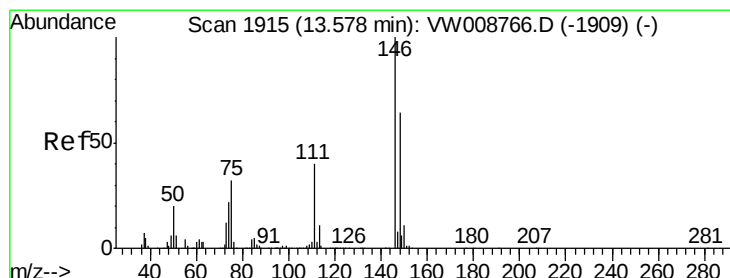
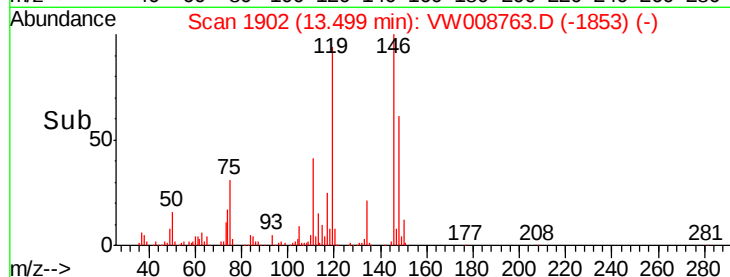
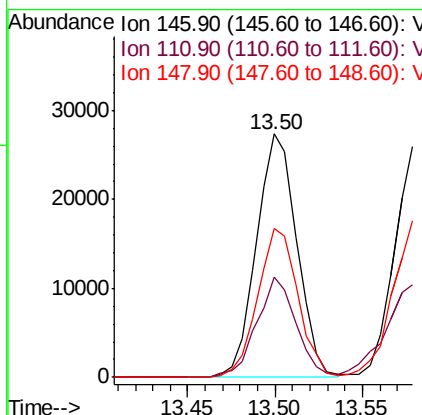
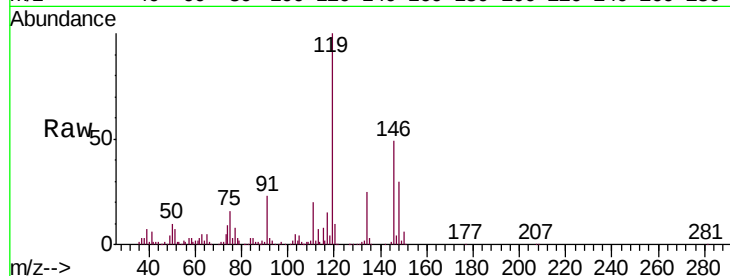




#87
 1,3-Dichlorobenzene
 Concen: 4.930 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

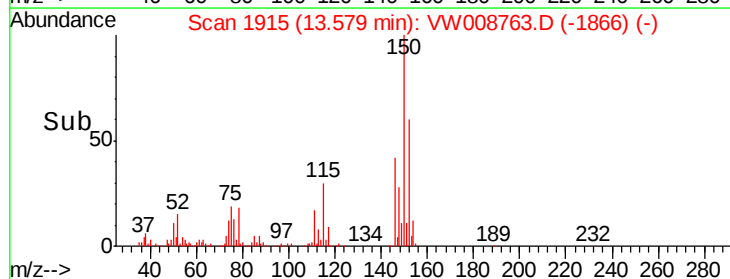
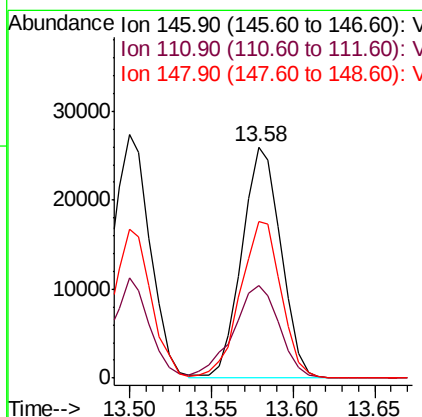
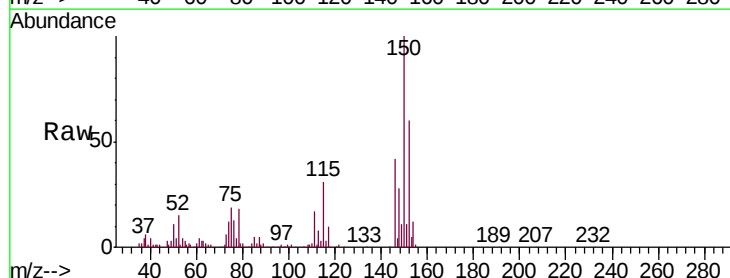
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

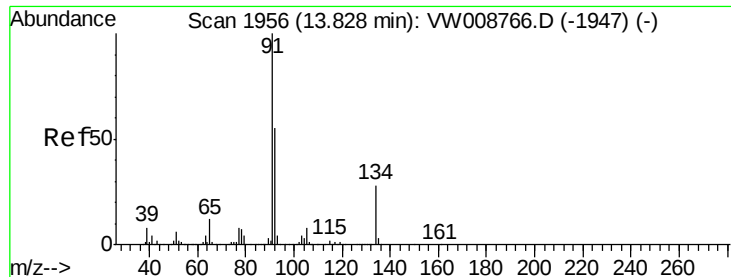
Tgt Ion:146 Resp: 43970
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.7
 148 61.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 4.928 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion:146 Resp: 43318
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.3 57.9
 148 70.6 31.9 95.9

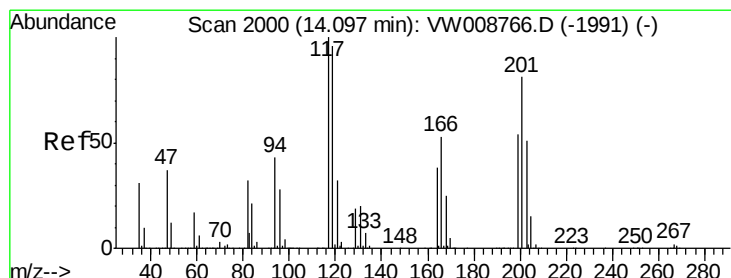
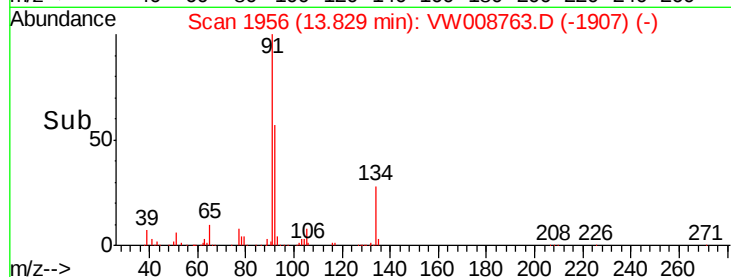
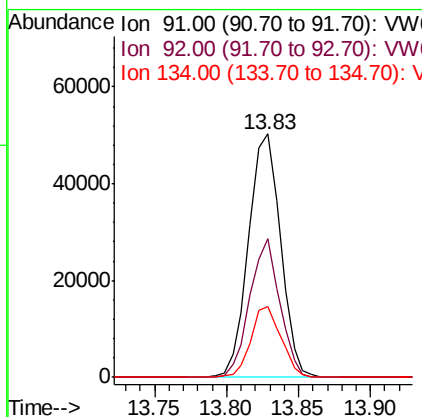
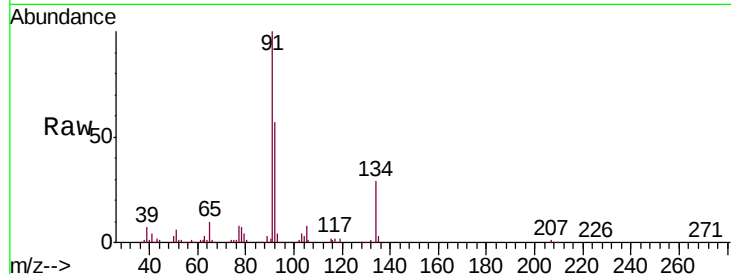




#89
n-Butylbenzene
Concen: 4.571 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

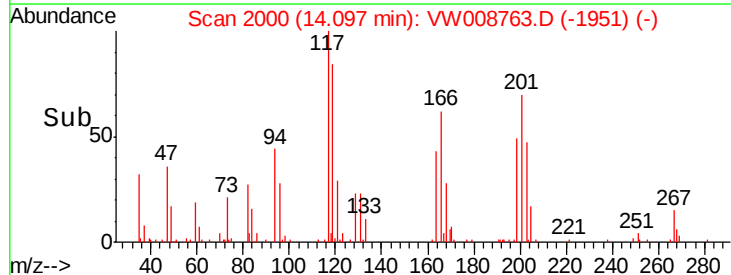
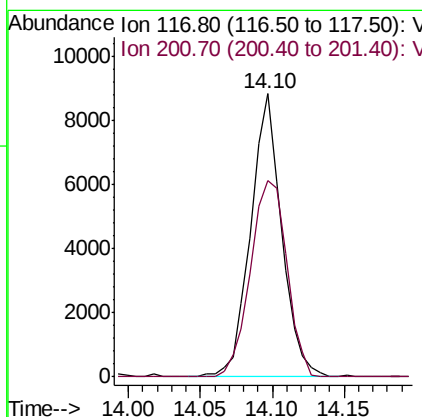
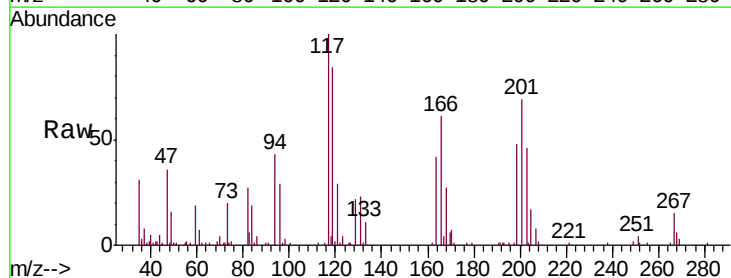
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

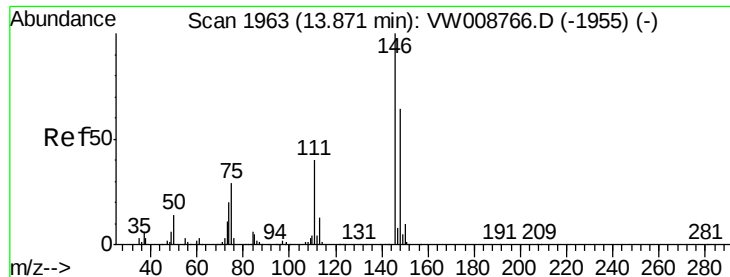
Tgt Ion: 91 Resp: 77163
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 27.3 13.5 40.4



#90
Hexachloroethane
Concen: 4.446 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion: 117 Resp: 13116
Ion Ratio Lower Upper
117 100
201 81.7 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 4.952 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

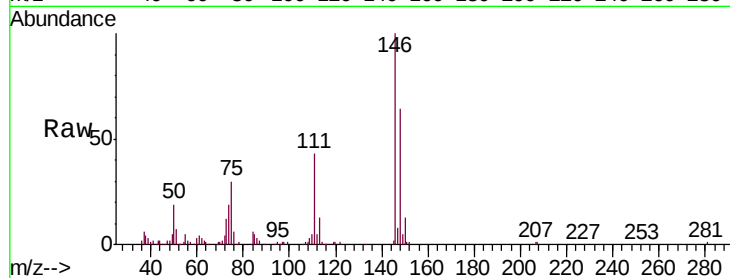
Tgt Ion:146 Resp: 39354

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

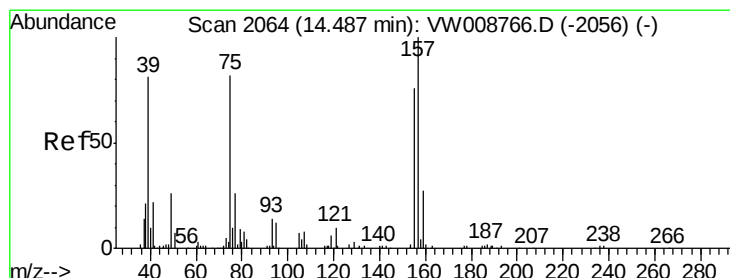
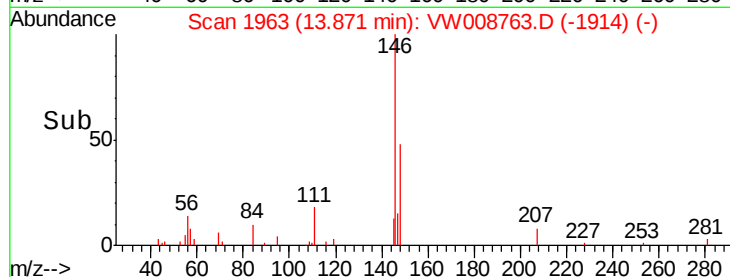
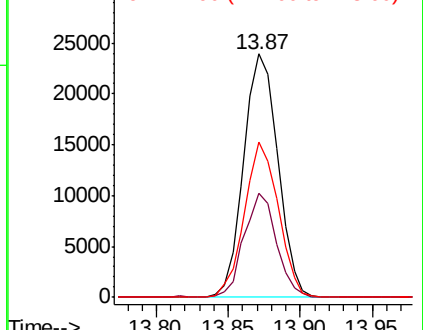
148 63.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.659 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008763.D

Acq: 21 Feb 2019 10:56

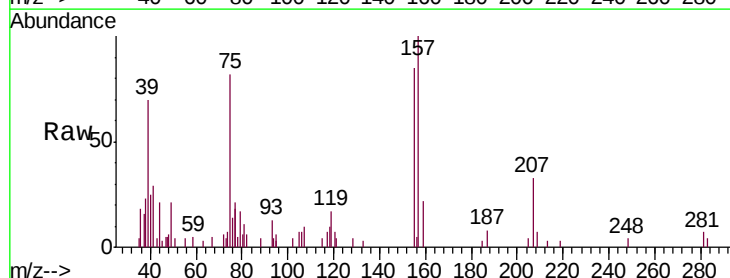
Tgt Ion: 75 Resp: 2505

Ion Ratio Lower Upper

75 100

155 102.1 41.8 125.4

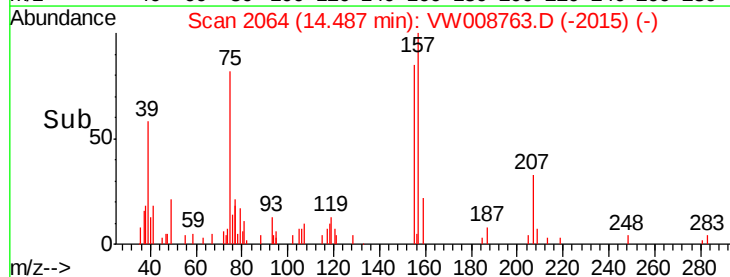
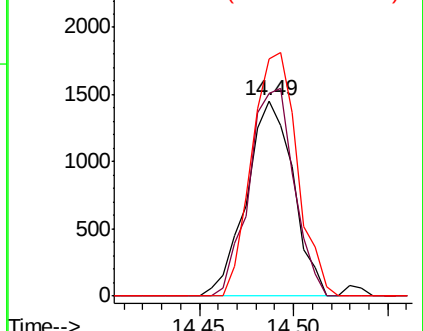
157 120.6 56.6 169.9

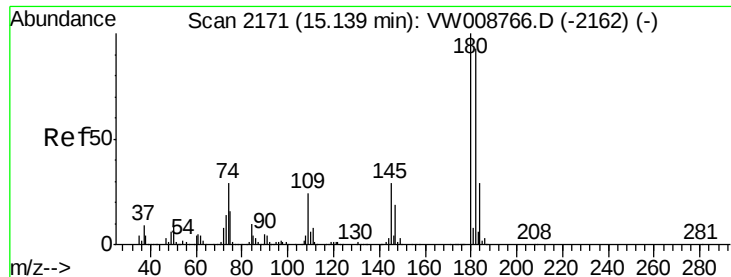


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

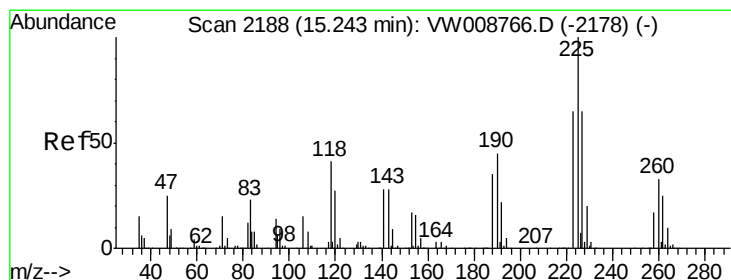
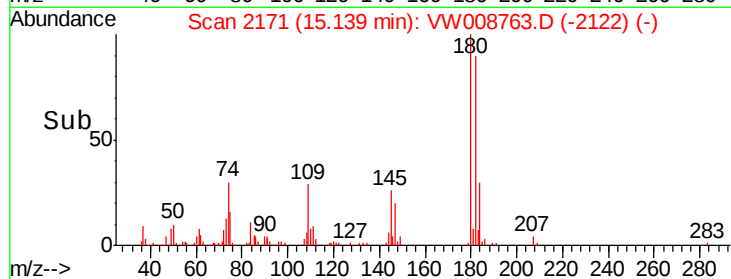
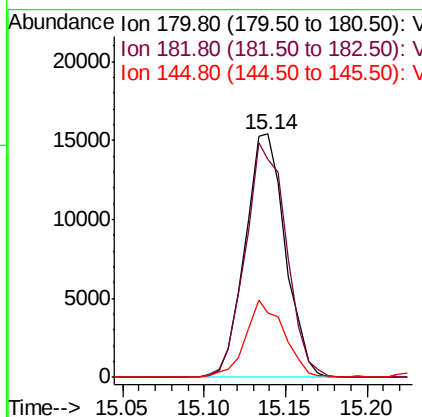
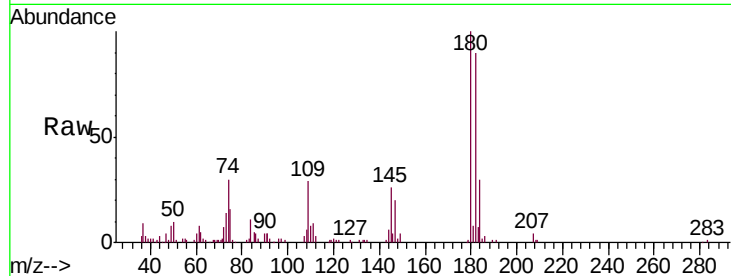




#93
 1,2,4-Trichlorobenzene
 Concen: 4.598 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

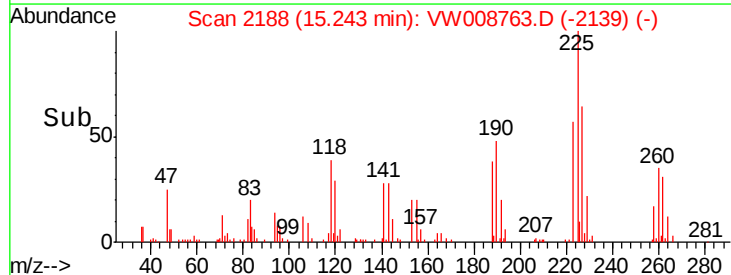
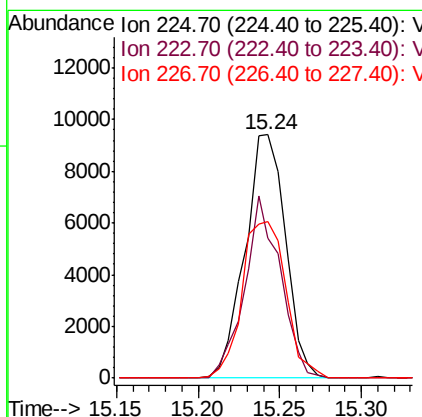
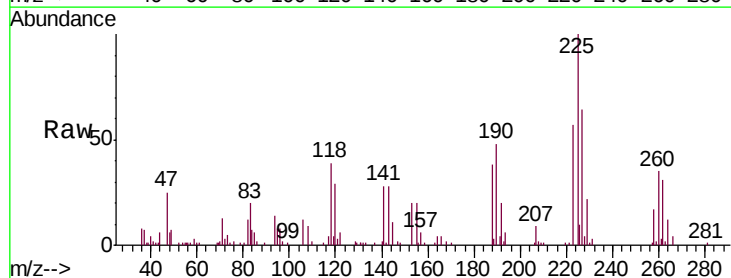
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

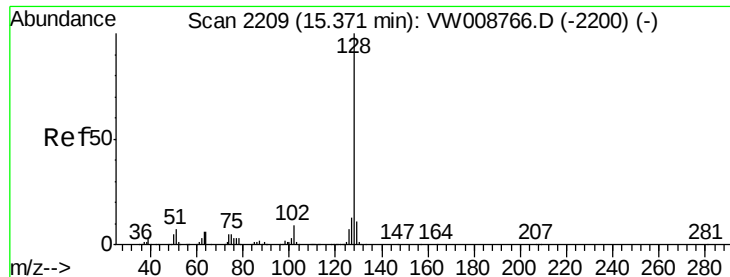
Tgt Ion:180 Resp: 26330
 Ion Ratio Lower Upper
 180 100
 182 99.0 47.2 141.6
 145 30.5 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 4.839 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008763.D
 Acq: 21 Feb 2019 10:56

Tgt Ion:225 Resp: 16323
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.5 94.5
 227 69.3 31.6 94.8

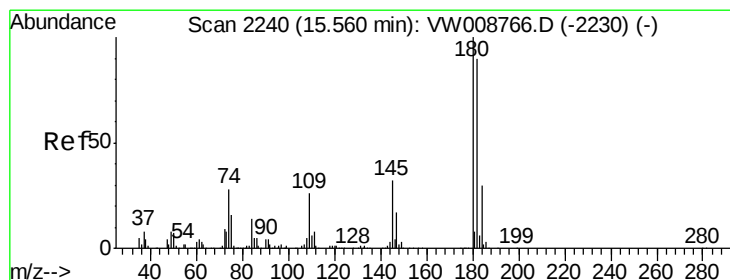
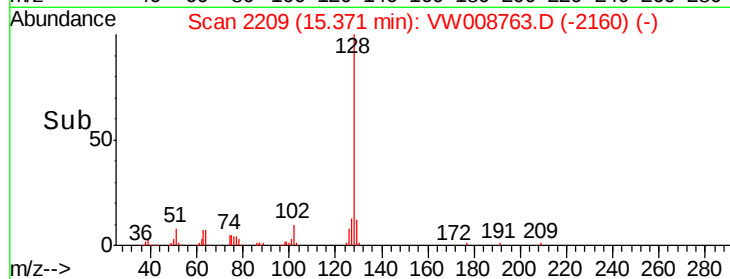
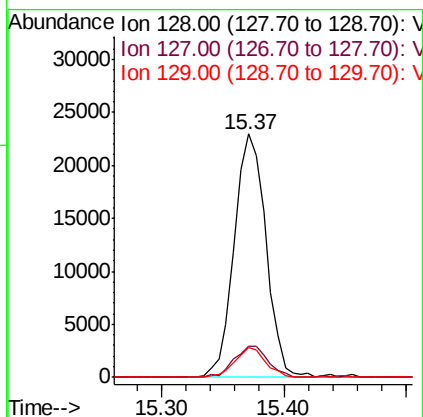
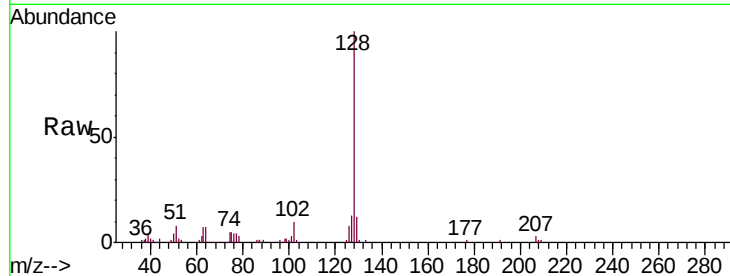




#95
Naphthalene
Concen: 4.242 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 41358
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.776 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008763.D
Acq: 21 Feb 2019 10:56

Tgt Ion:180 Resp: 23648
Ion Ratio Lower Upper
180 100
182 96.8 46.9 140.8
145 29.6 15.9 47.6

