

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007546.D
 Acq On : 14 Dec 2018 20:19
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 15 00:44:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	44438	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.88	113	40846	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.32	98	158666	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.62	95	60277	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	24982	42.949 ug/l	97
3) Chloromethane	2.22	50	21176	43.469 ug/l	98
4) Vinyl Chloride	2.37	62	30126	52.697 ug/l	100
5) Bromomethane	2.78	94	21094	54.917 ug/l	95
6) Chloroethane	2.93	64	17897	56.871 ug/l	100
7) Trichlorofluoromethane	3.26	101	30577	59.491 ug/l	96
8) Diethyl Ether	3.68	74	20484	50.920 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44383	52.334 ug/l	99
10) Methyl Iodide	4.26	142	73553	52.366 ug/l	99
11) Tert butyl alcohol	5.17	59	16989	267.872 ug/l	98
12) 1,1-Dichloroethene	4.03	96	42398	51.924 ug/l	98
13) Acrolein	3.88	56	9391	223.777 ug/l	99
14) Allyl chloride	4.67	41	61759	51.312 ug/l	99
15) Acrylonitrile	5.37	53	44572	262.833 ug/l	99
16) Acetone	4.12	43	44143	273.669 ug/l	95
17) Carbon Disulfide	4.37	76	125726	50.782 ug/l	99
18) Methyl Acetate	4.67	43	21845	49.899 ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70046	56.865 ug/l	99
20) Methylene Chloride	4.91	84	46132	52.495 ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46991	51.445 ug/l	99
22) Diisopropyl ether	6.31	45	122265	52.849 ug/l	97
23) Vinyl Acetate	6.26	43	355990	275.106 ug/l	97
24) 1,1-Dichloroethane	6.21	63	80916	51.750 ug/l	99
25) 2-Butanone	7.17	43	58204	276.400 ug/l	97
26) 2,2-Dichloropropane	7.16	77	57636	55.697 ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	52372	52.364 ug/l	98
28) Bromochloromethane	7.51	49	26933	45.794 ug/l	97
29) Tetrahydrofuran	7.52	42	35317	264.923 ug/l	97
30) Chloroform	7.67	83	87944	51.684 ug/l	99
31) Cyclohexane	7.95	56	70944	49.453 ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	80998	54.282 ug/l	99
36) 1,1-Dichloropropene	8.08	75	68146	53.905 ug/l	98
37) Ethyl Acetate	7.25	43	26098	55.505 ug/l	99
38) Carbon Tetrachloride	8.07	117	74404	54.091 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007546.D
 Acq On : 14 Dec 2018 20:19
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Dec 15 00:44:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86432	56.462	ug/l	90
40) Benzene	8.32	78	185858	52.976	ug/l	99
41) Methacrylonitrile	7.48	41	14992	55.991	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59722	54.191	ug/l	100
43) Isopropyl Acetate	8.43	43	52048	56.039	ug/l	100
44) Trichloroethene	9.09	130	55288	55.187	ug/l	99
45) 1,2-Dichloropropane	9.37	63	43880	54.048	ug/l	98
46) Dibromomethane	9.46	93	25536	55.387	ug/l	96
47) Bromodichloromethane	9.65	83	65867	54.465	ug/l	95
48) Methyl methacrylate	9.44	41	25658	53.790	ug/l	96
49) 1,4-Dioxane	9.44	88	8374	1119.395	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	130071	296.392	ug/l	98
52) Toluene	10.39	92	131820	58.060	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	67786	57.736	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	74645	54.998	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35876	57.174	ug/l	96
56) Ethyl methacrylate	10.65	69	45794	60.717	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60478	58.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96287	276.842	ug/l	100
59) 2-Hexanone	10.97	43	89819	306.944	ug/l	99
60) Dibromochloromethane	11.13	129	45699	57.709	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35816	57.758	ug/l	96
64) Tetrachloroethene	10.87	164	45545	51.510	ug/l	94
65) Chlorobenzene	11.66	112	140672	54.891	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	48644	53.894	ug/l	97
67) Ethyl Benzene	11.73	91	249342	56.591	ug/l	95
68) m/p-Xylenes	11.84	106	195871	114.352	ug/l	100
69) o-Xylene	12.17	106	90894	56.819	ug/l	95
70) Styrene	12.18	104	150638	58.299	ug/l	98
71) Bromoform	12.35	173	25870	55.998	ug/l #	96
73) Isopropylbenzene	12.47	105	257996	54.766	ug/l	100
74) N-amyl acetate	12.27	43	49886	58.268	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39335	56.376	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	54618	107.745	ug/l	32
77) Bromobenzene	12.75	156	56802	54.397	ug/l	94
78) n-propylbenzene	12.81	91	299677	56.526	ug/l	99
79) 2-Chlorotoluene	12.90	91	174623	54.435	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	219214	55.381	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13098	57.077	ug/l	91
82) 4-Chlorotoluene	12.99	91	182273	53.904	ug/l	98
83) tert-Butylbenzene	13.21	119	195533	56.062	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	223408	54.848	ug/l	97
85) sec-Butylbenzene	13.39	105	266700	56.015	ug/l	96
86) p-Isopropyltoluene	13.51	119	238069	55.658	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	113218	54.381	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	113443	54.200	ug/l	97
89) n-Butylbenzene	13.83	91	223421	56.344	ug/l	98
90) Hexachloroethane	14.10	117	41003	53.875	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	101656	54.516	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7628	54.478	ug/l	97

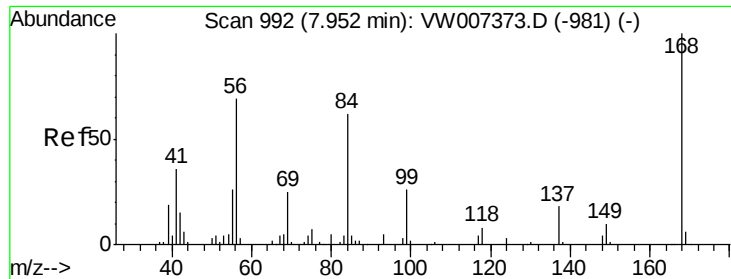
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007546.D
Acq On : 14 Dec 2018 20:19
Operator : SY/AP
Sample : VSTDCCC050EC
Misc : 5.74G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 15 00:44:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	68912	53.700	ug/l	95
94) Hexachlorobutadiene	15.24	225	35463	52.083	ug/l	100
95) Naphthalene	15.38	128	138864	56.565	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	59860	53.698	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

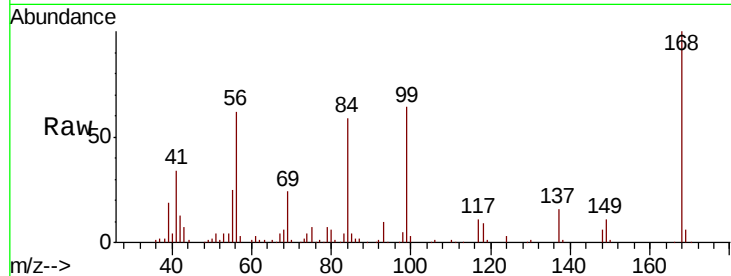
VSTDCCC050EC

Tgt Ion: 168 Resp: 83238

Ion Ratio Lower Upper

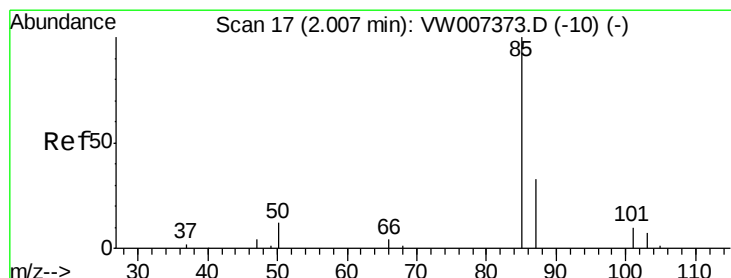
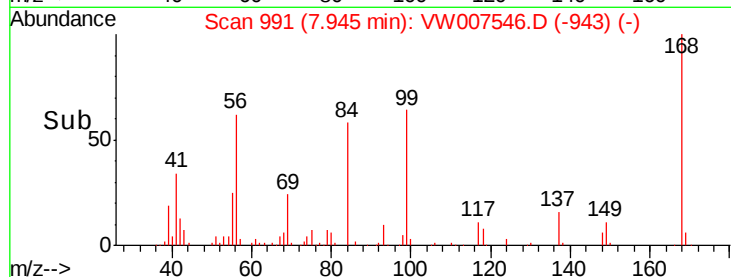
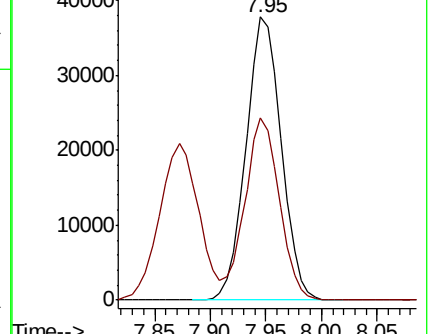
168 100

99 64.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.949 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007546.D

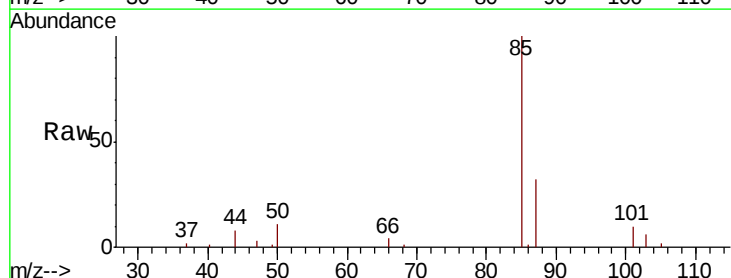
Acq: 14 Dec 2018 20:19

Tgt Ion: 85 Resp: 24982

Ion Ratio Lower Upper

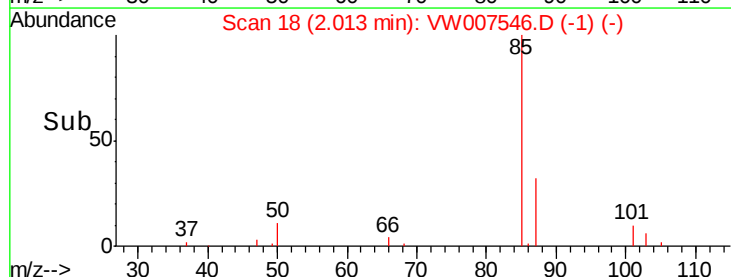
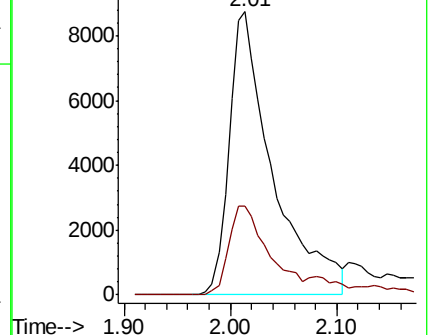
85 100

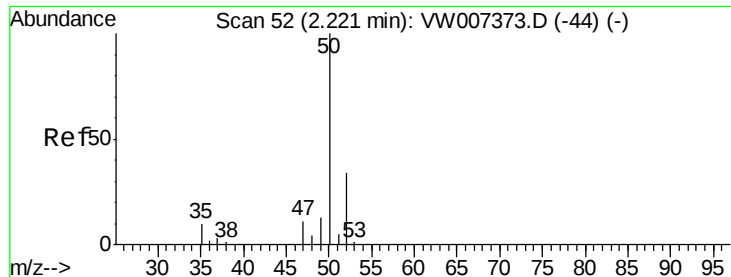
87 31.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.469 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

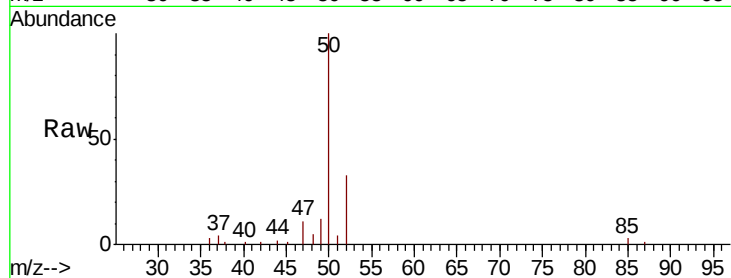
VSTDCCC050EC

Tgt Ion: 50 Resp: 21176

Ion Ratio Lower Upper

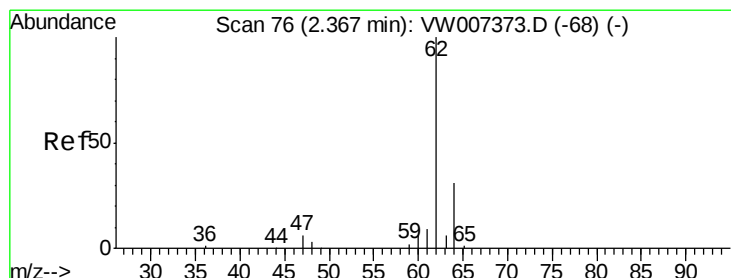
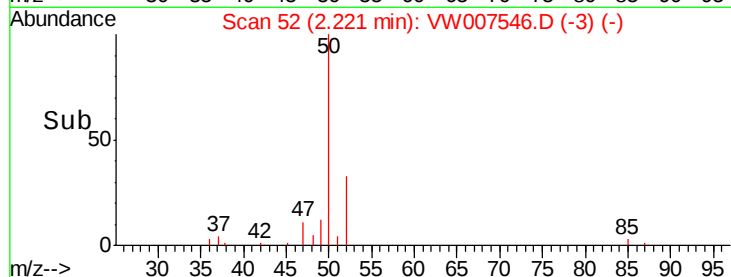
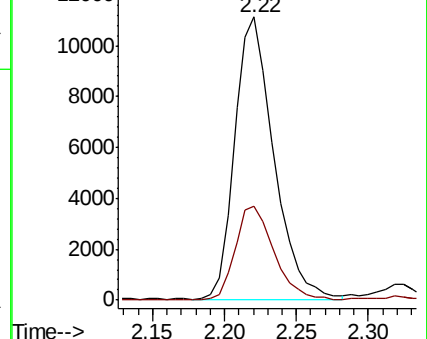
50 100

52 33.1 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 52.697 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007546.D

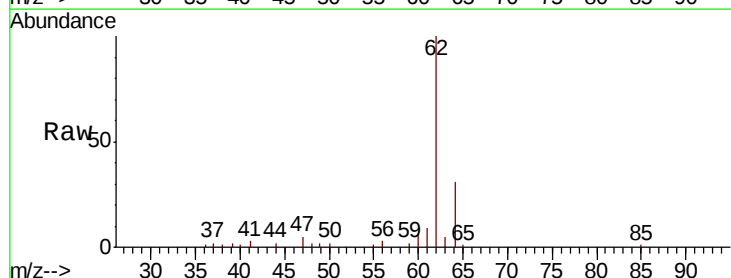
Acq: 14 Dec 2018 20:19

Tgt Ion: 62 Resp: 30126

Ion Ratio Lower Upper

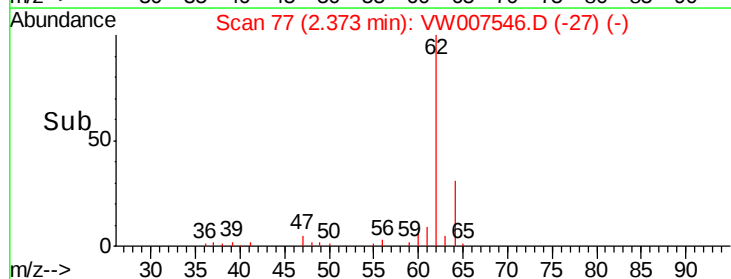
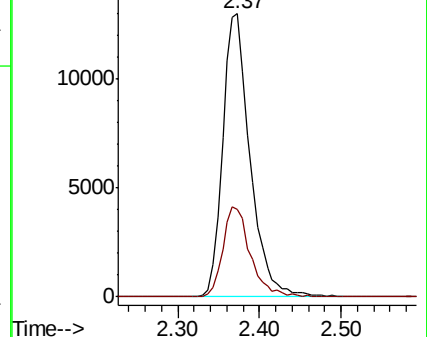
62 100

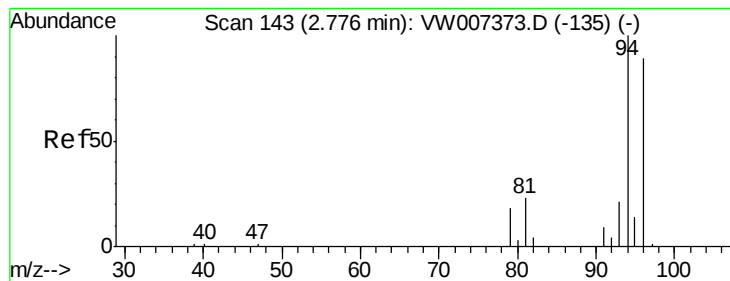
64 31.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 54.917 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

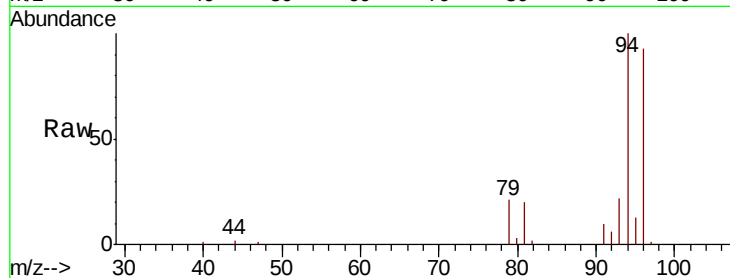
VSTDCCC050EC

Tgt Ion: 94 Resp: 21094

Ion Ratio Lower Upper

94 100

96 92.9 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

10000

8000

6000

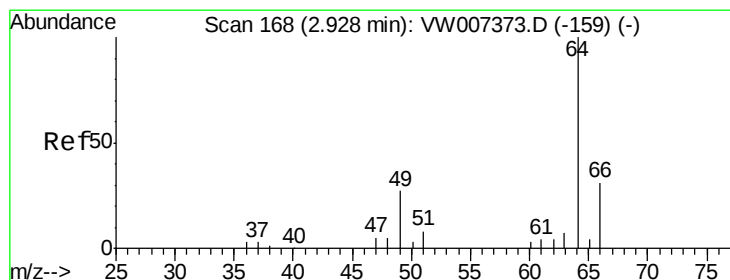
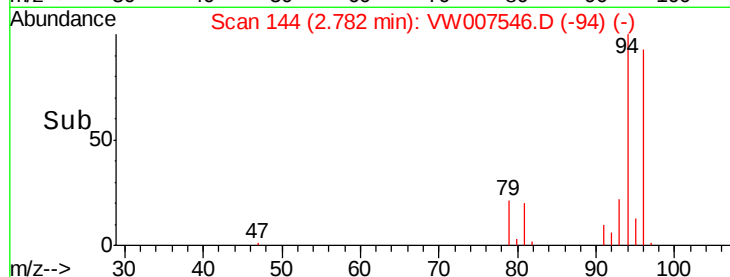
4000

2000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 56.871 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007546.D

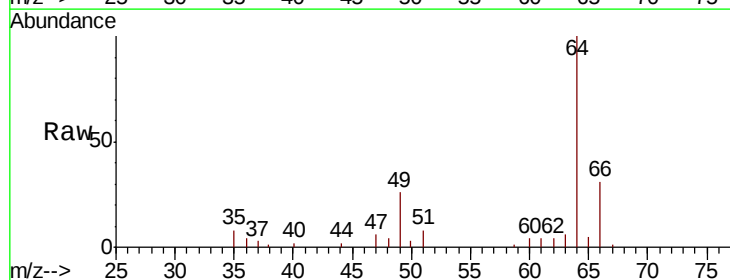
Acq: 14 Dec 2018 20:19

Tgt Ion: 64 Resp: 17897

Ion Ratio Lower Upper

64 100

66 31.0 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

6000

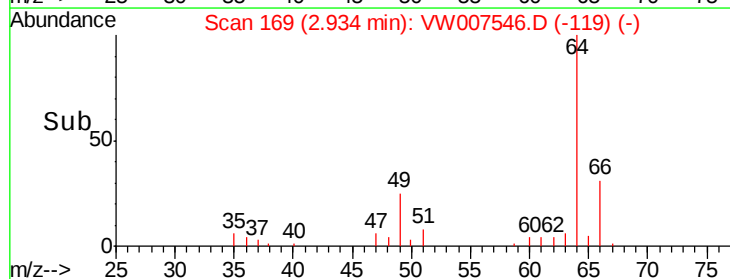
4000

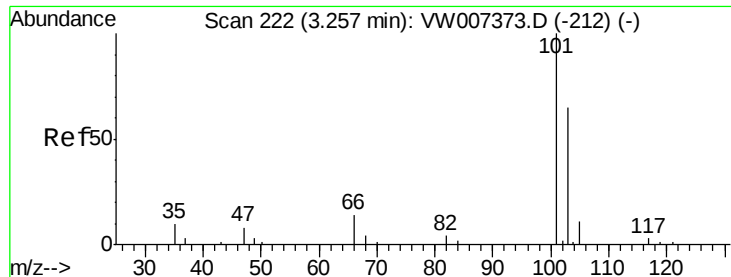
2000

0

Time-->

2.80 2.90 3.00



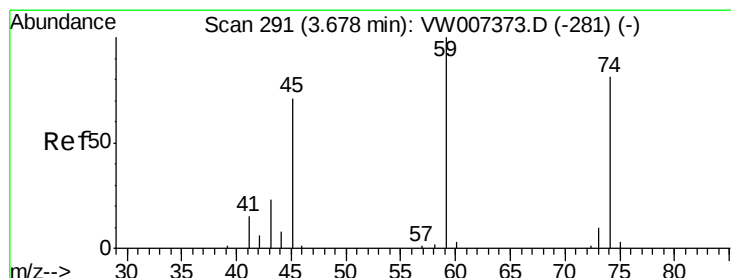
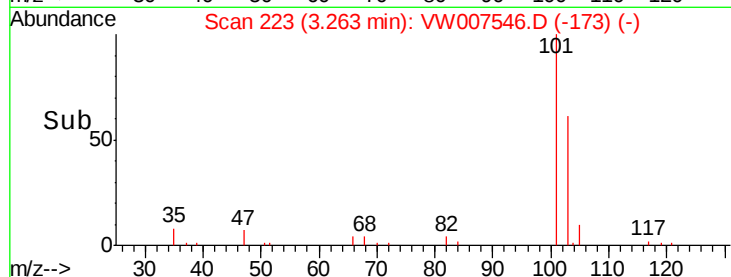
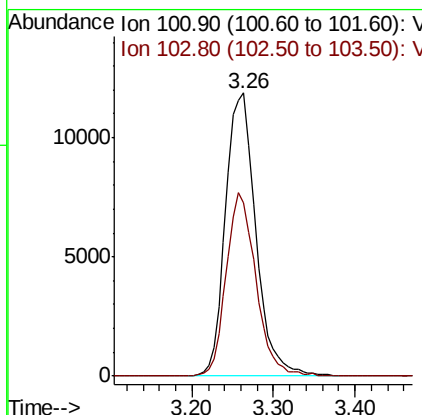
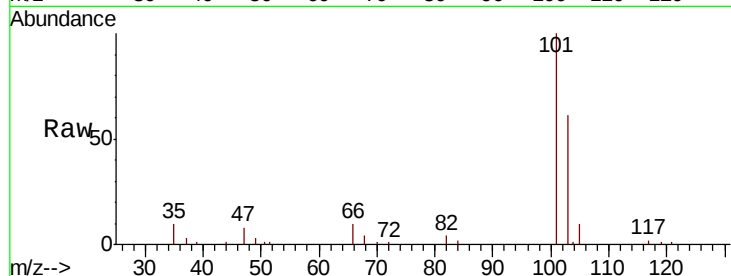


#7

Trichlorofluoromethane
 Concen: 59.491 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

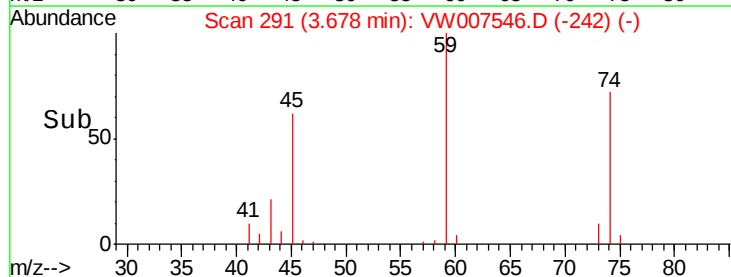
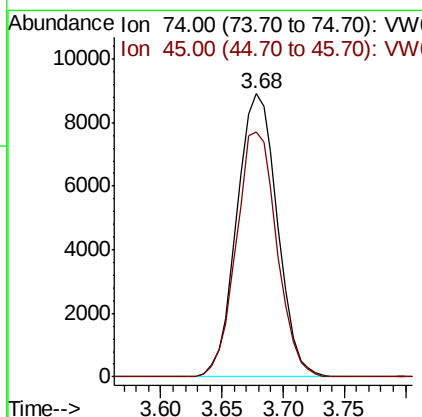
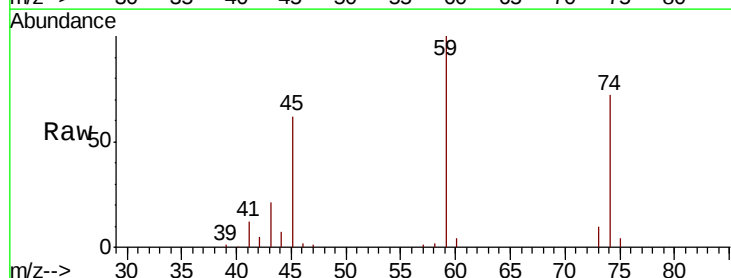
Tgt Ion: 101 Resp: 30577
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.7 77.5

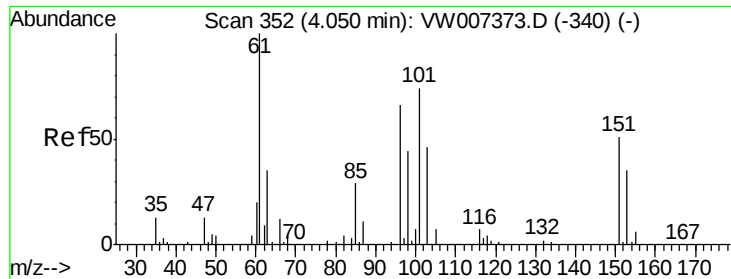


#8

Diethyl Ether
 Concen: 50.920 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 74 Resp: 20484
 Ion Ratio Lower Upper
 74 100
 45 86.3 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.334 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

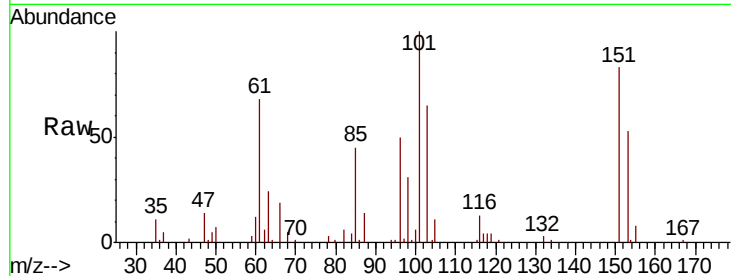
Tgt Ion:101 Resp: 44383

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

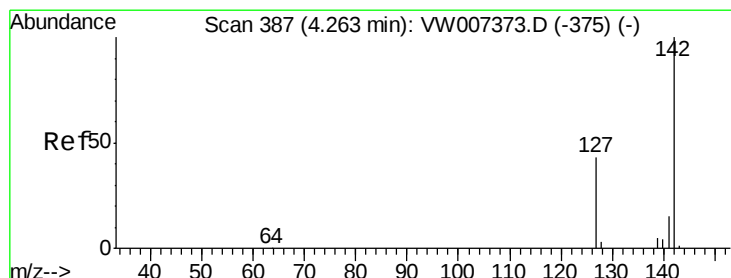
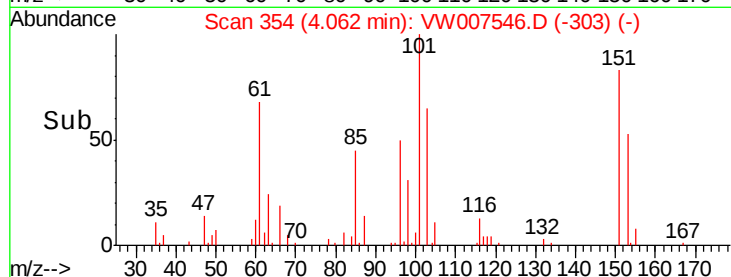
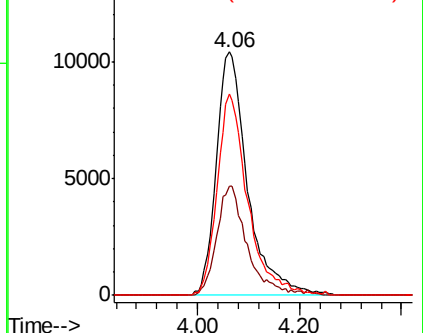
151 80.5 63.7 95.5



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: 52.366 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

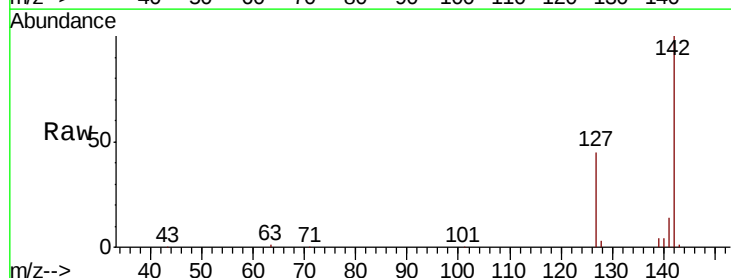
Tgt Ion:142 Resp: 73553

Ion Ratio Lower Upper

142 100

127 45.2 35.8 53.6

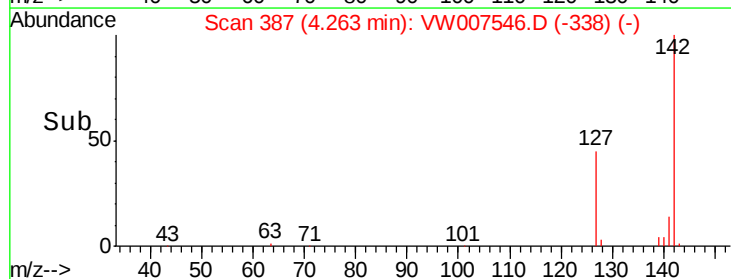
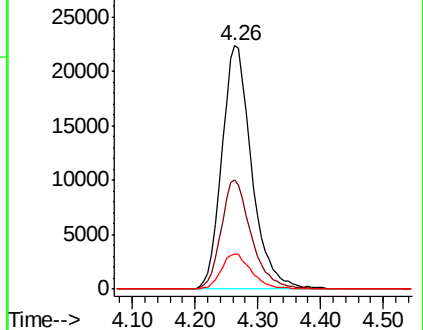
141 14.7 11.1 16.7

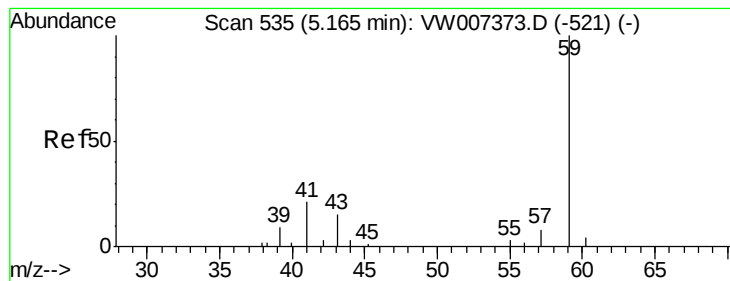


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



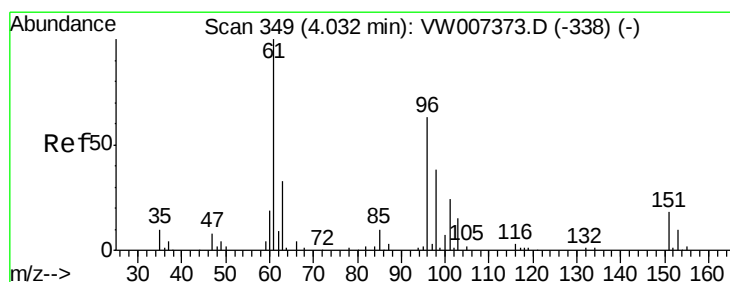
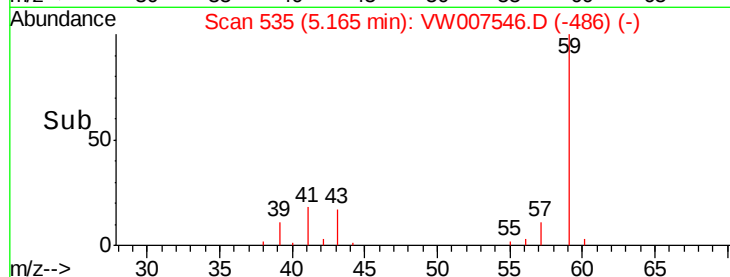
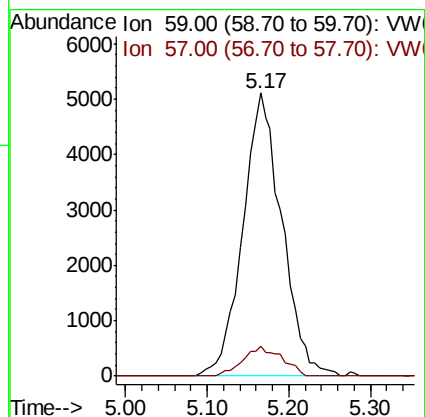
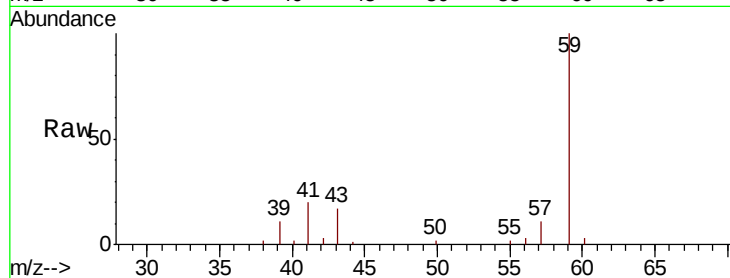


#11

Tert butyl alcohol
 Concen: 267.872 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

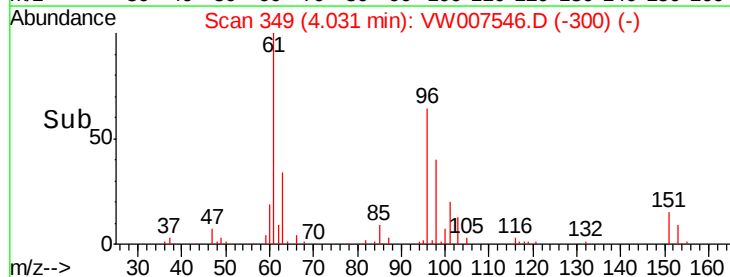
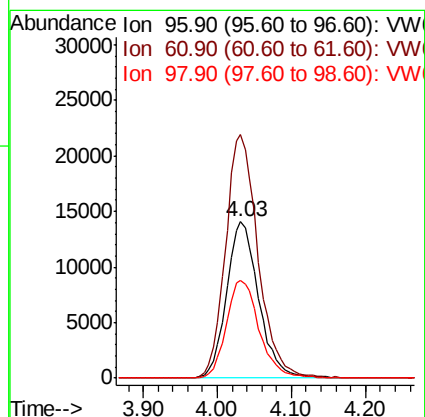
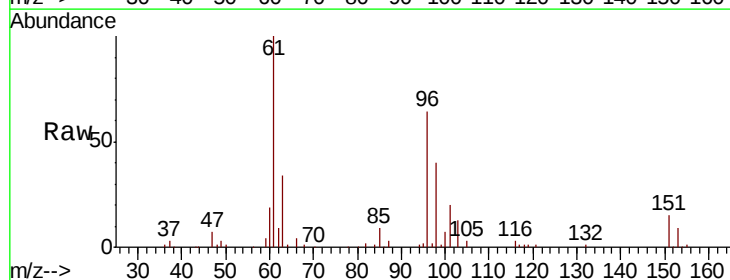
Tgt Ion: 59 Resp: 16989
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.6 11.4

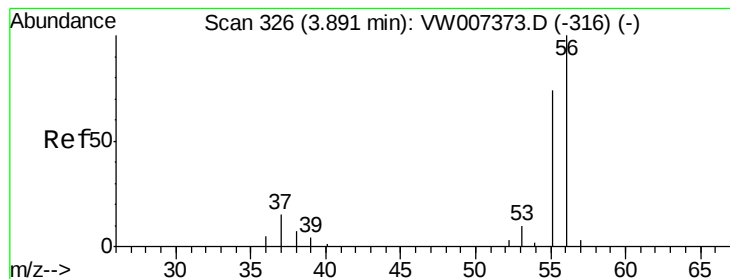


#12

1,1-Dichloroethene
 Concen: 51.924 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 96 Resp: 42398
 Ion Ratio Lower Upper
 96 100
 61 156.0 126.2 189.2
 98 62.9 48.3 72.5





#13

Acrolein

Concen: 223.777 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

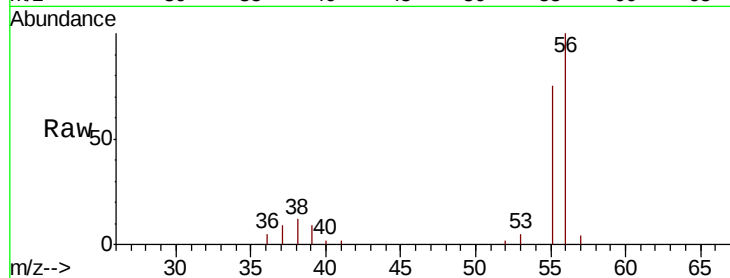
VSTDCCC050EC

Tgt Ion: 56 Resp: 9391

Ion Ratio Lower Upper

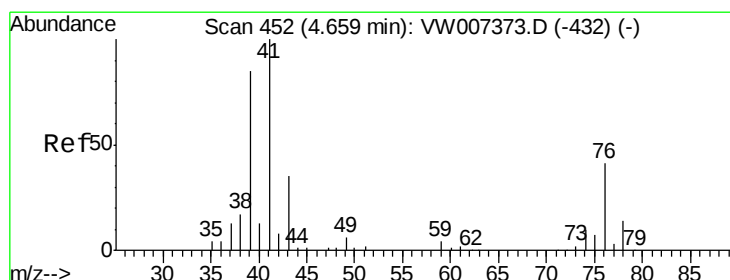
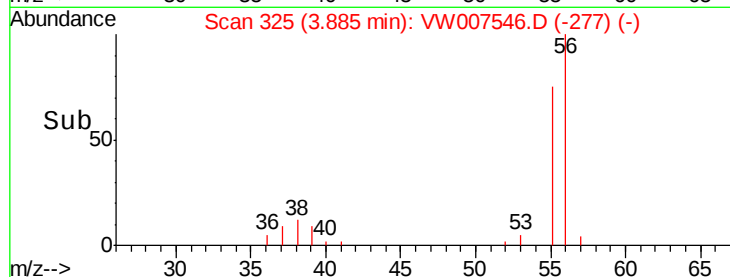
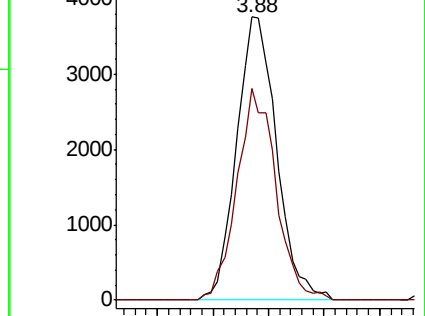
56 100

55 72.9 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 51.312 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

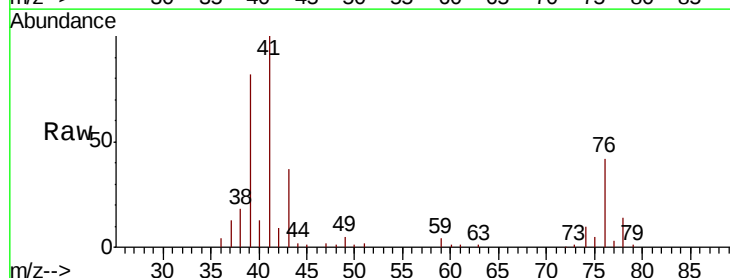
Tgt Ion: 41 Resp: 61759

Ion Ratio Lower Upper

41 100

39 79.7 63.4 95.2

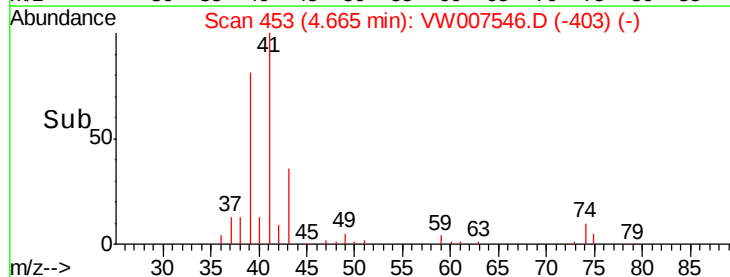
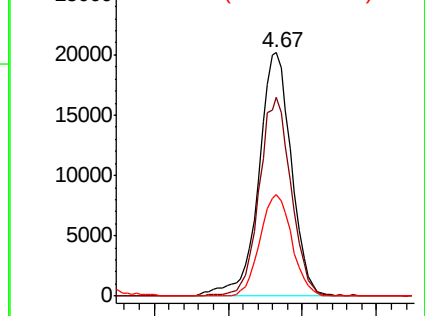
76 40.8 32.1 48.1

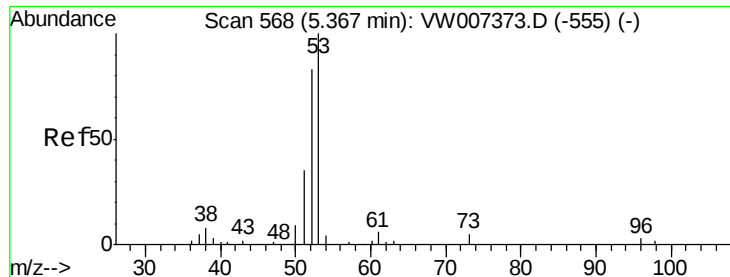


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 262.833 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

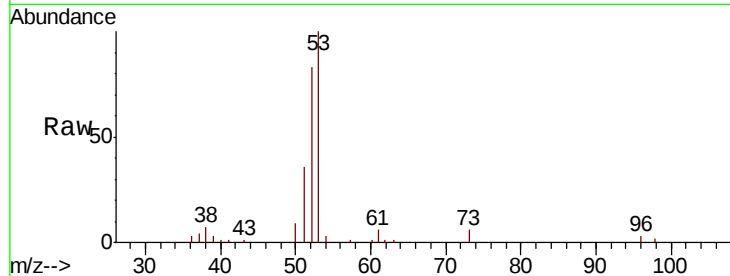
Tgt Ion: 53 Resp: 44572

Ion Ratio Lower Upper

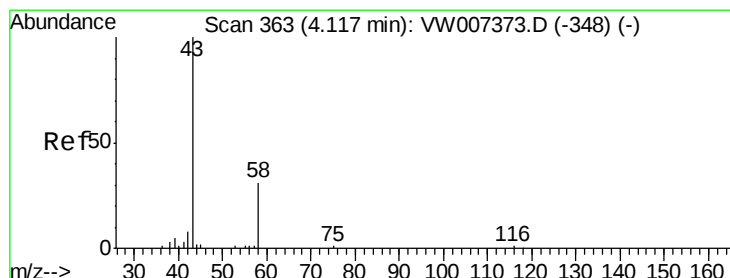
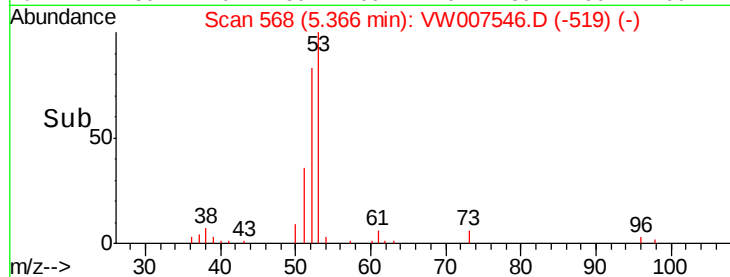
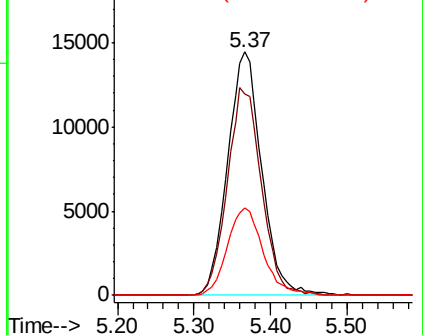
53 100

52 85.2 67.4 101.2

51 37.6 30.2 45.2



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: 273.669 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007546.D

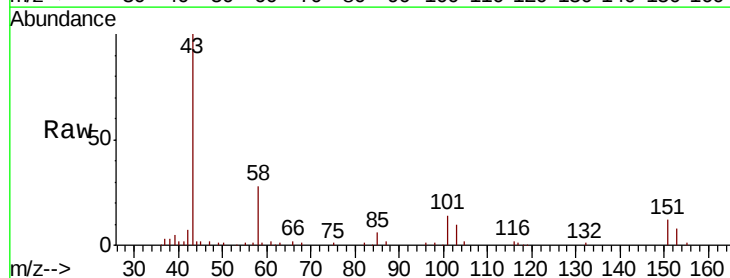
Acq: 14 Dec 2018 20:19

Tgt Ion: 43 Resp: 44143

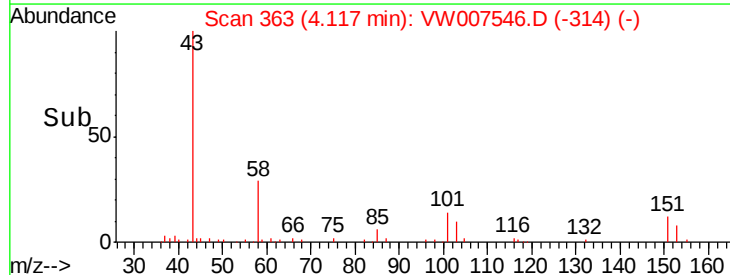
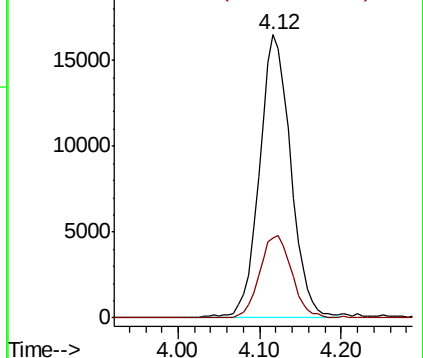
Ion Ratio Lower Upper

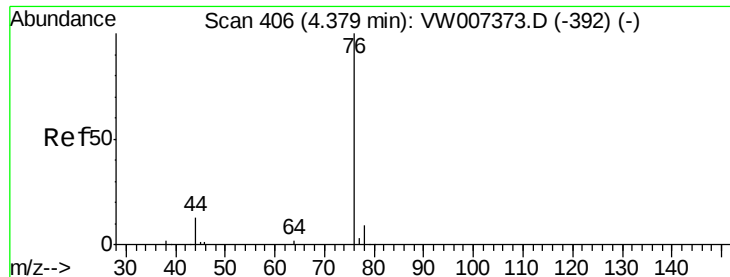
43 100

58 28.4 24.9 37.3



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

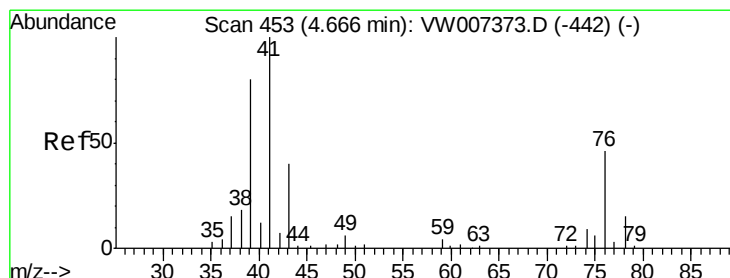
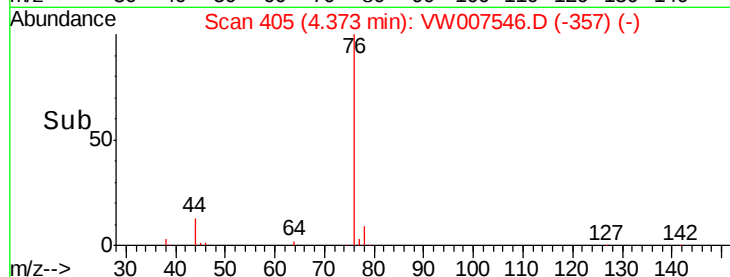
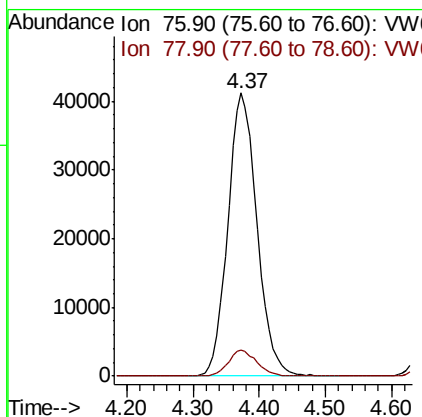
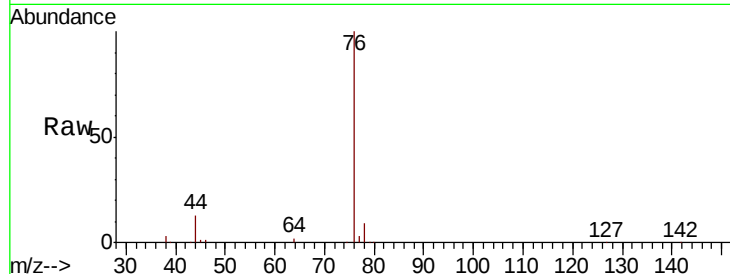




#17
Carbon Disulfide
Concen: 50.782 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

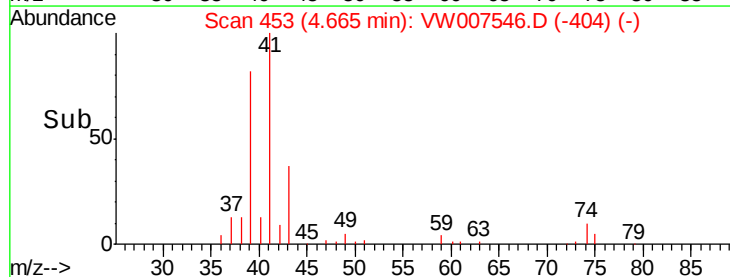
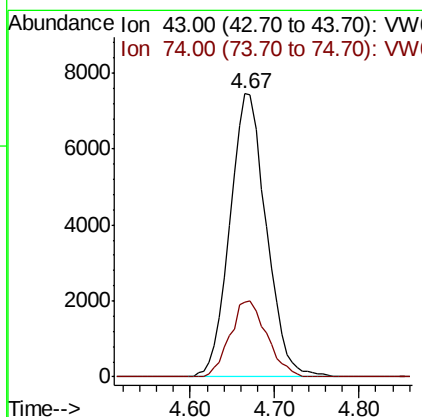
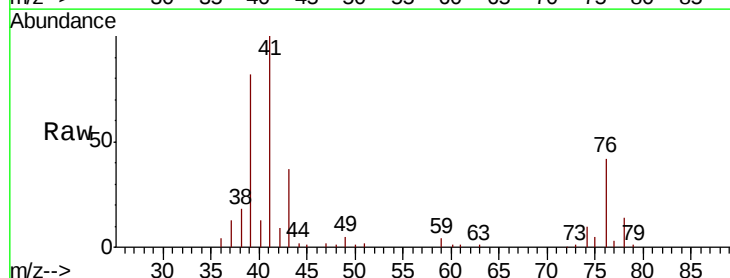
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

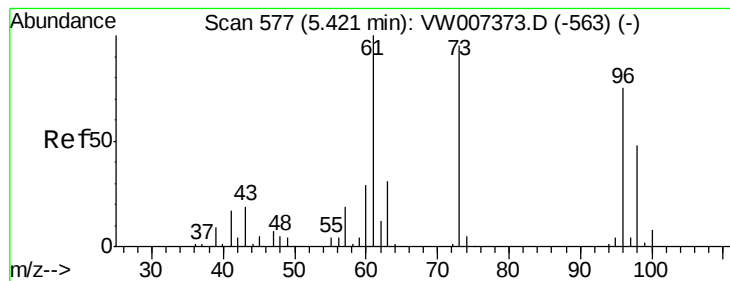
Tgt Ion: 76 Resp: 125726
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 49.899 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 43 Resp: 21845
Ion Ratio Lower Upper
43 100
74 27.1 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 56.865 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

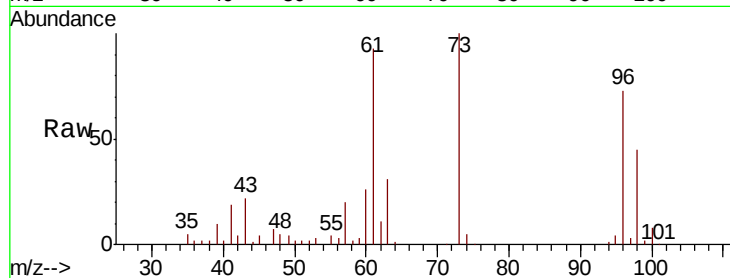
VSTDCCC050EC

Tgt Ion: 73 Resp: 70046

Ion Ratio Lower Upper

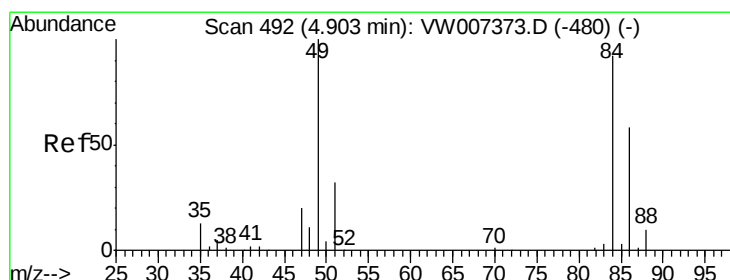
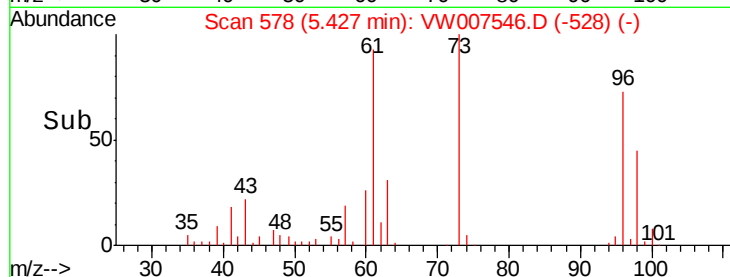
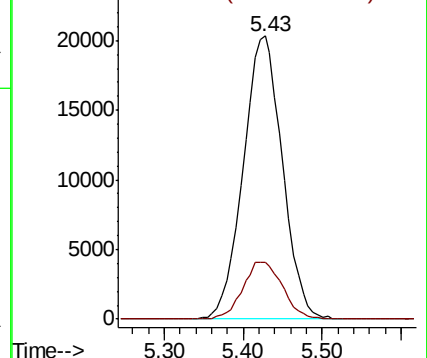
73 100

57 19.9 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 52.495 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion: 84 Resp: 46132

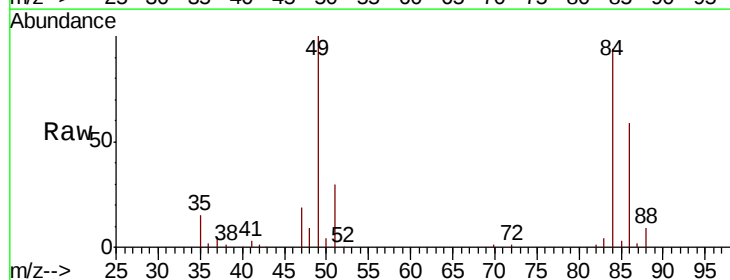
Ion Ratio Lower Upper

84 100

49 106.0 87.1 130.7

51 31.8 28.2 42.2

86 62.8 50.8 76.2

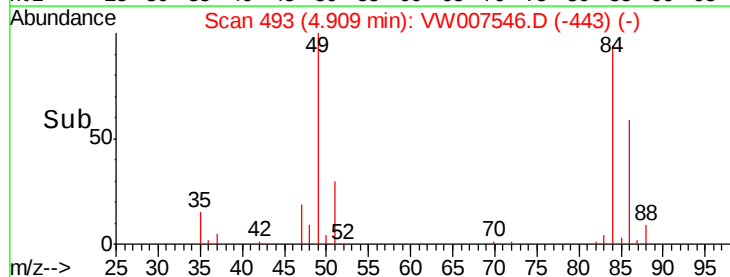
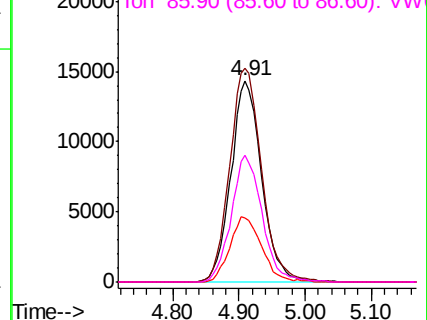


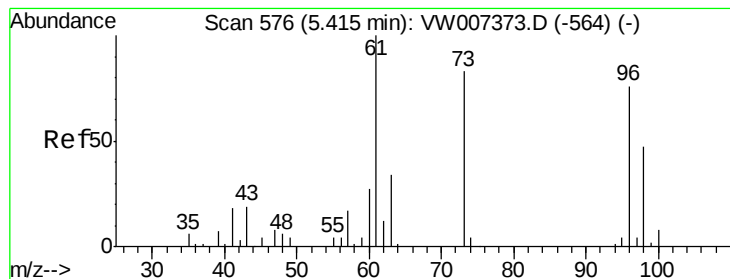
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 51.445 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

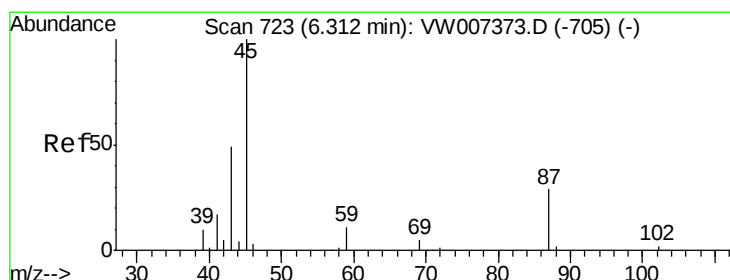
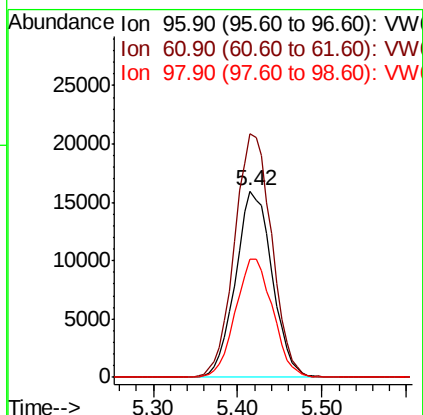
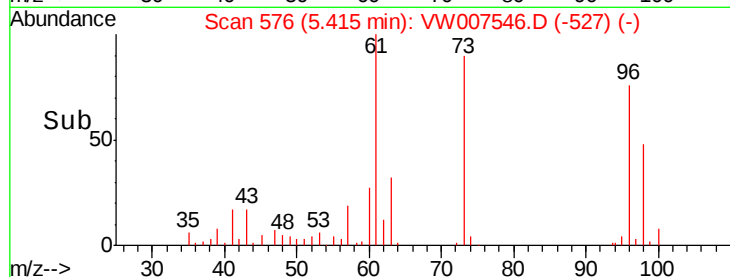
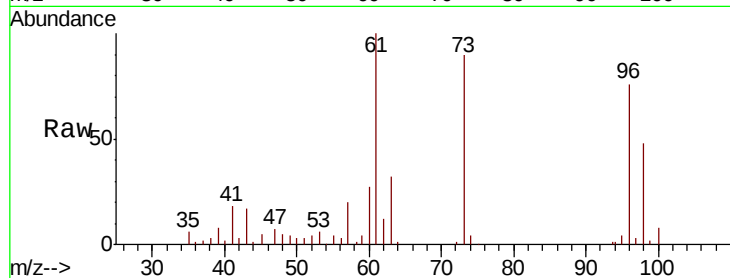
Tgt Ion: 96 Resp: 46991

Ion Ratio Lower Upper

96 100

61 130.8 105.0 157.6

98 63.3 49.7 74.5



#22

Diisopropyl ether

Concen: 52.849 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion: 45 Resp: 122265

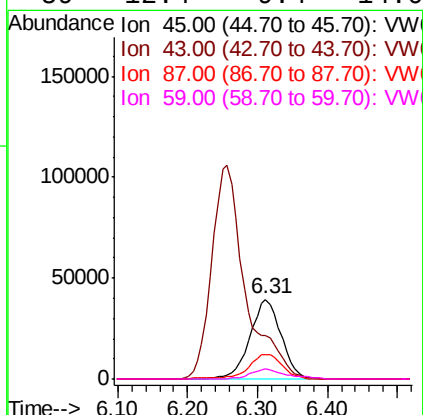
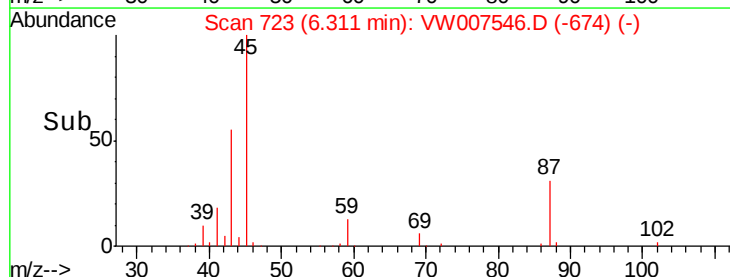
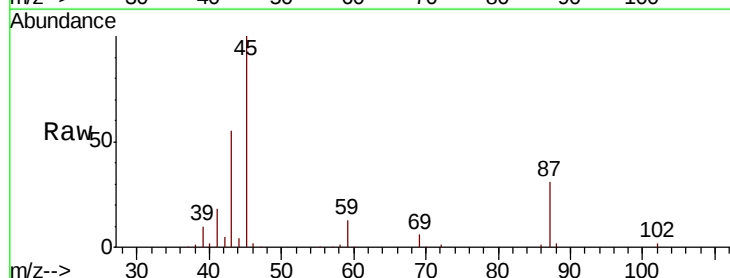
Ion Ratio Lower Upper

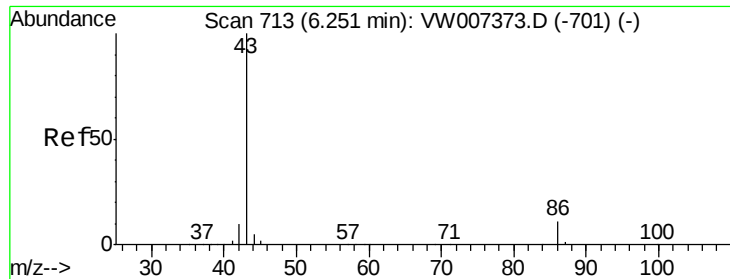
45 100

43 54.6 41.6 62.4

87 30.9 24.3 36.5

59 12.4 9.4 14.0





#23

Vinyl Acetate

Concen: 275.106 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

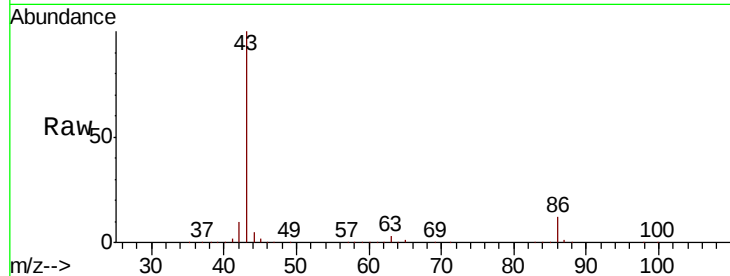
VSTDCCC050EC

Tgt Ion: 43 Resp: 355990

Ion Ratio Lower Upper

43 100

86 11.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

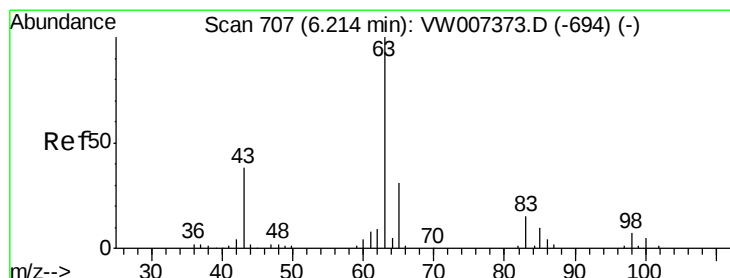
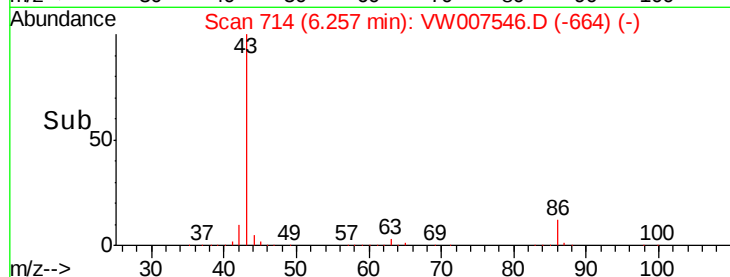
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.750 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

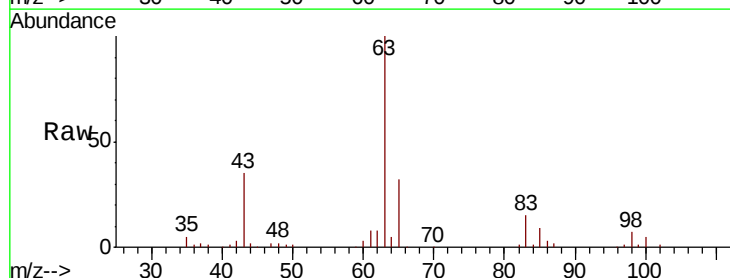
Tgt Ion: 63 Resp: 80916

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.9 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

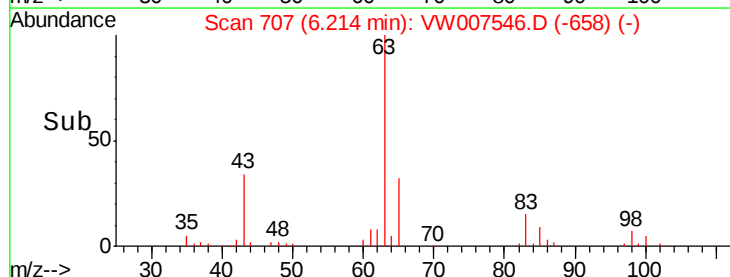
30000

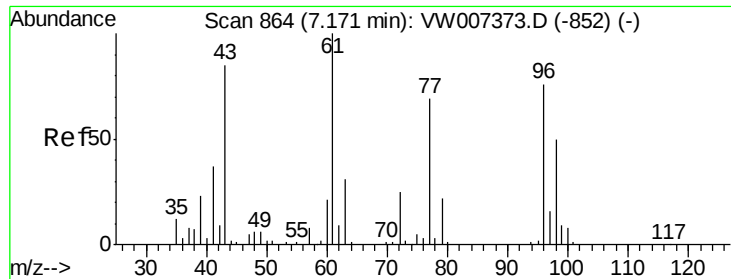
20000

10000

0

Time-->





#25

2-Butanone

Concen: 276.400 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

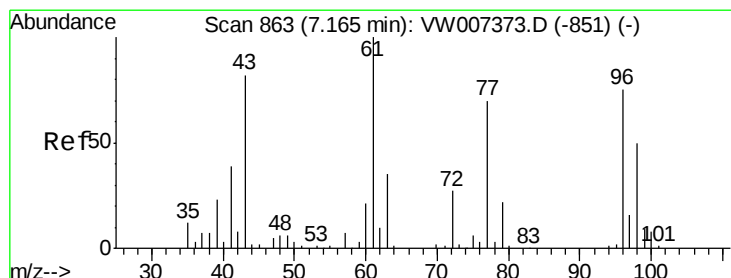
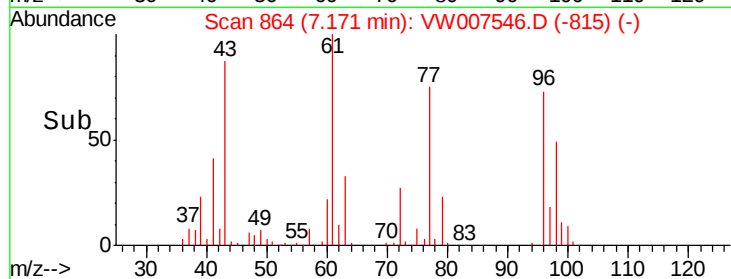
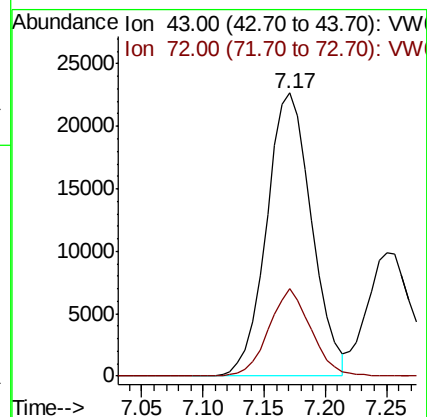
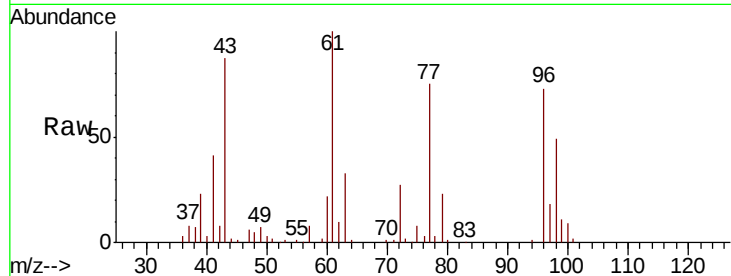
VSTDCCC050EC

Tgt Ion: 43 Resp: 58204

Ion Ratio Lower Upper

43 100

72 30.8 23.4 35.2



#26

2,2-Dichloropropane

Concen: 55.697 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007546.D

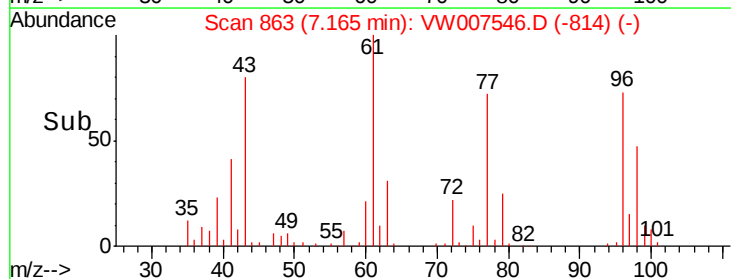
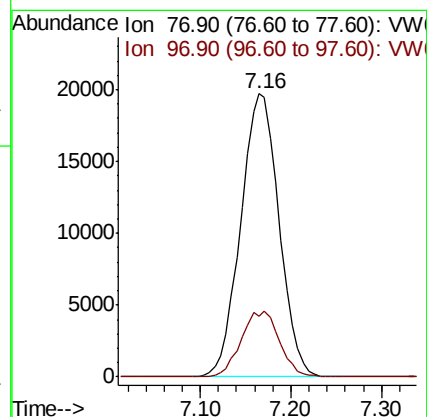
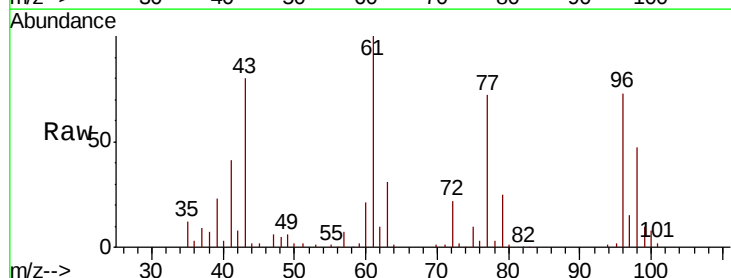
Acq: 14 Dec 2018 20:19

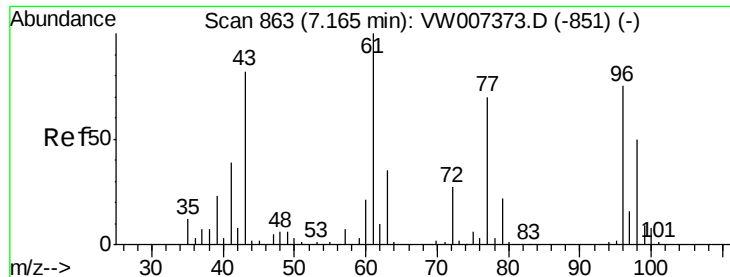
Tgt Ion: 77 Resp: 57636

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8



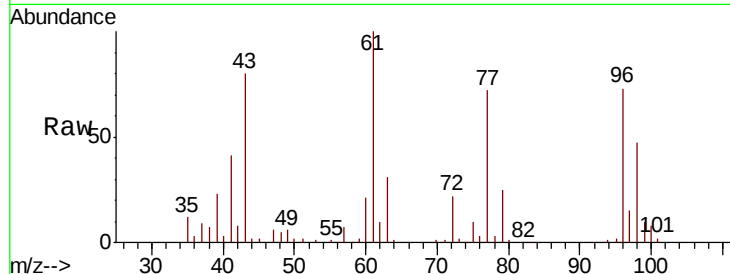


#27

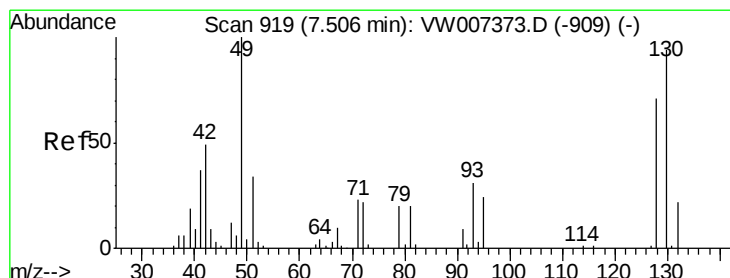
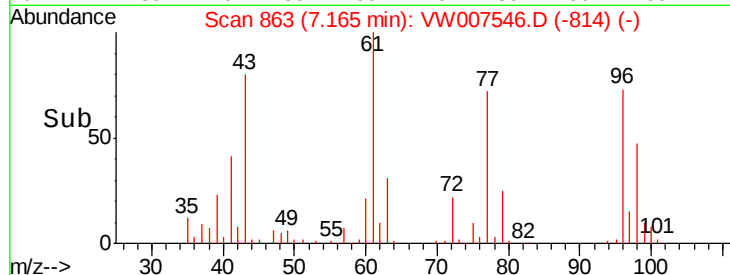
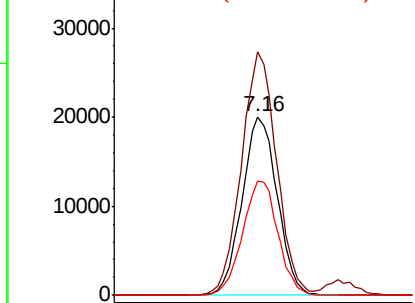
cis-1,2-Dichloroethene
Concen: 52.364 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 52372
Ion Ratio Lower Upper
96 100
61 136.9 0.0 268.4
98 64.6 0.0 127.8



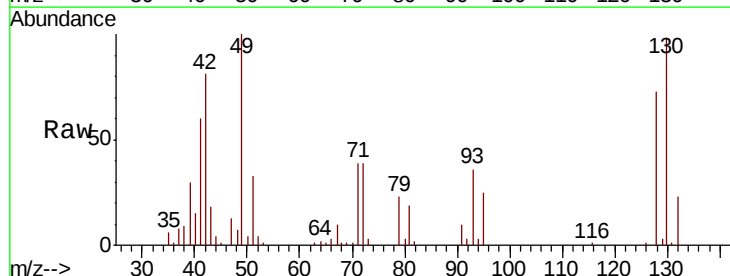
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



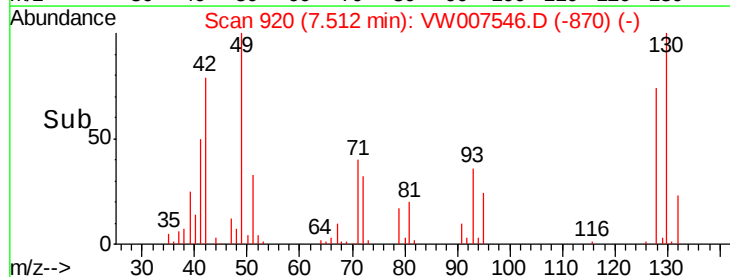
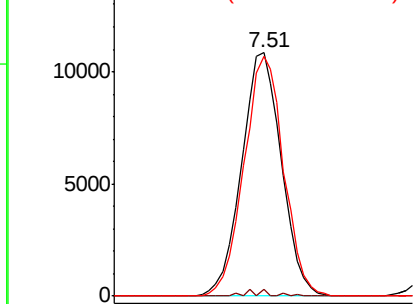
#28

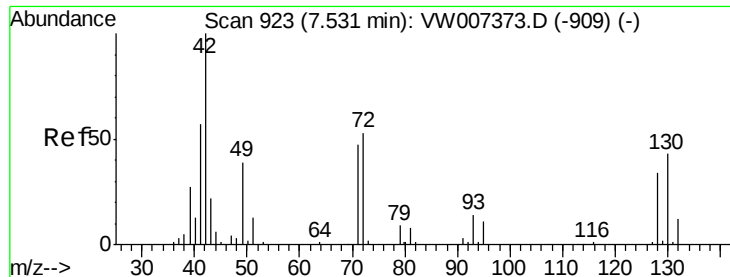
Bromochloromethane
Concen: 45.794 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 49 Resp: 26933
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.6
130 98.1 75.9 113.9



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

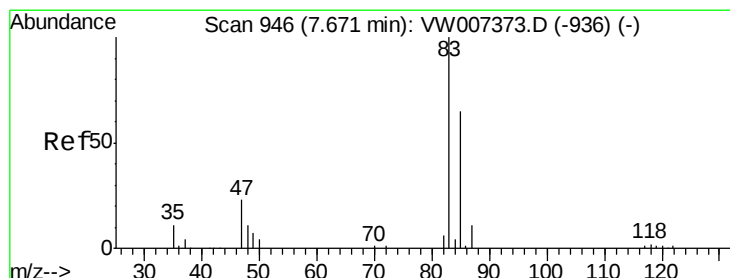
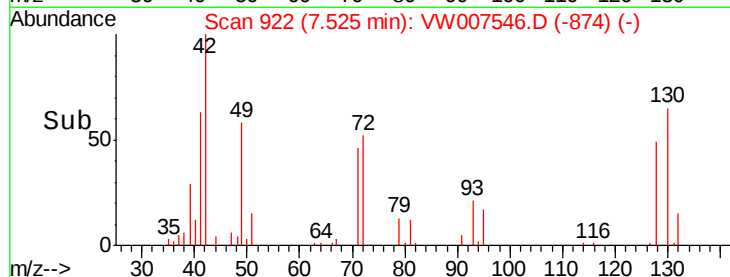
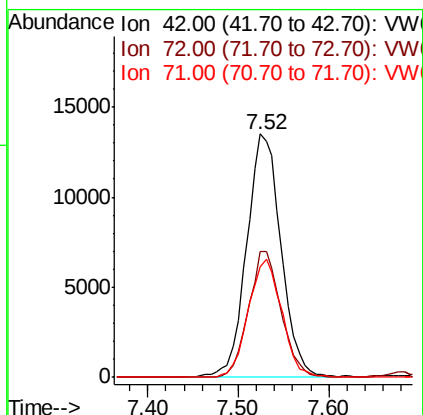
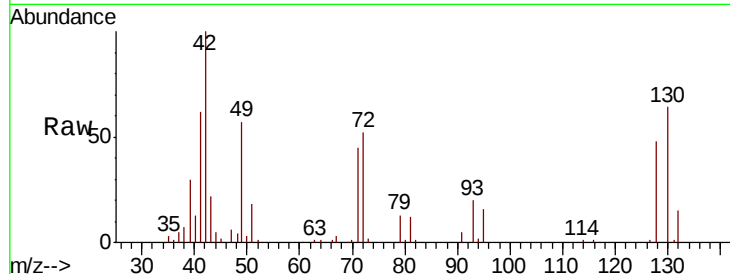




#29
Tetrahydrofuran
Concen: 264.923 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

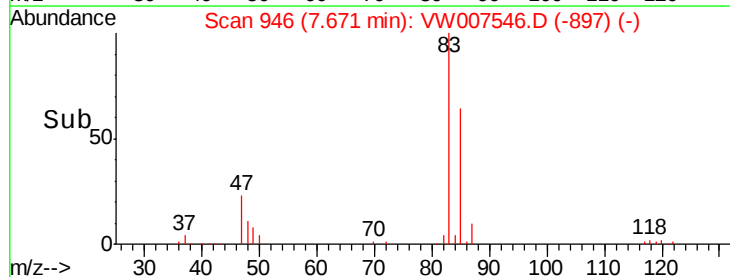
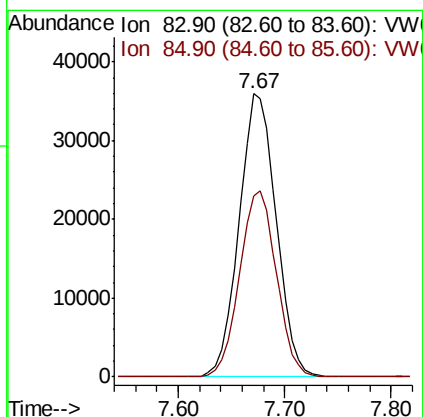
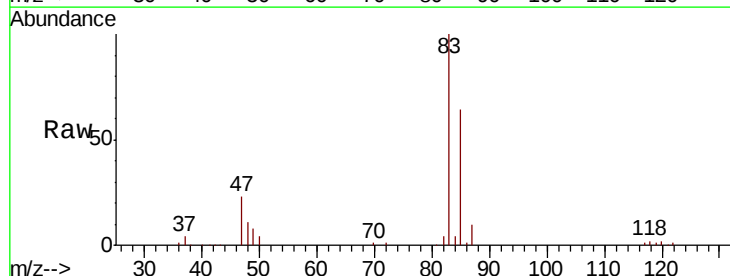
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

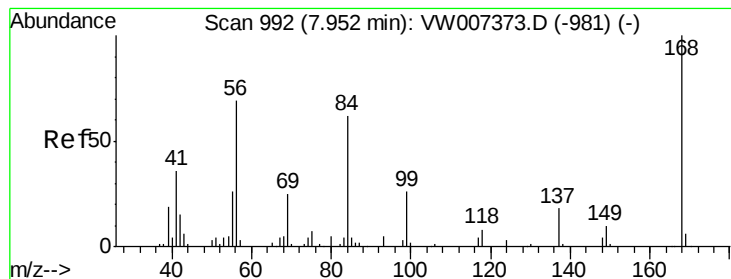
Tgt Ion: 42 Resp: 35317
Ion Ratio Lower Upper
42 100
72 48.9 38.2 57.4
71 47.1 35.5 53.3



#30
Chloroform
Concen: 51.684 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 83 Resp: 87944
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8





#31

Cyclohexane

Concen: 49.453 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

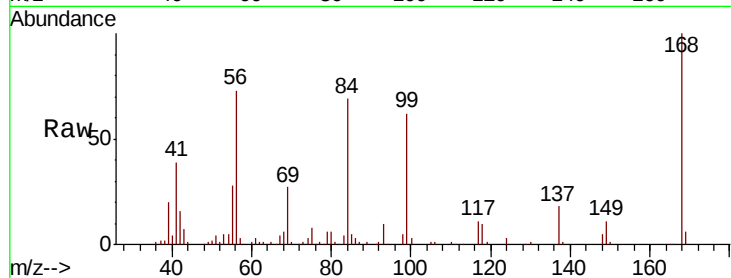
Tgt Ion: 56 Resp: 70944

Ion Ratio Lower Upper

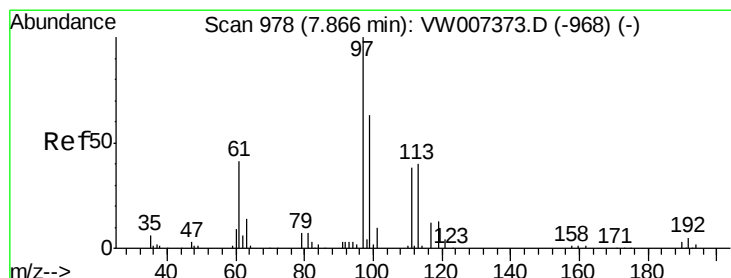
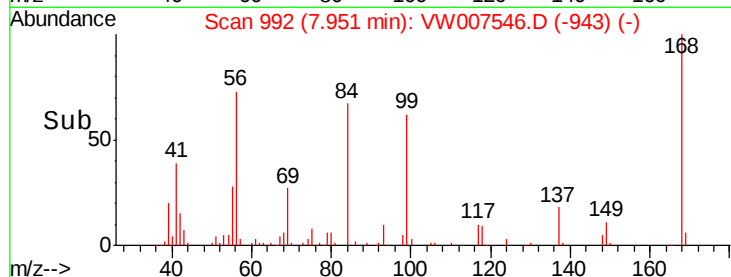
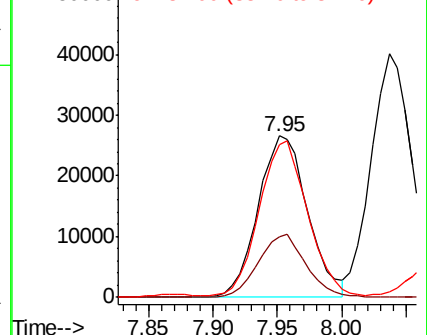
56 100

69 37.2 28.9 43.3

84 93.1 71.8 107.6



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: 54.282 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

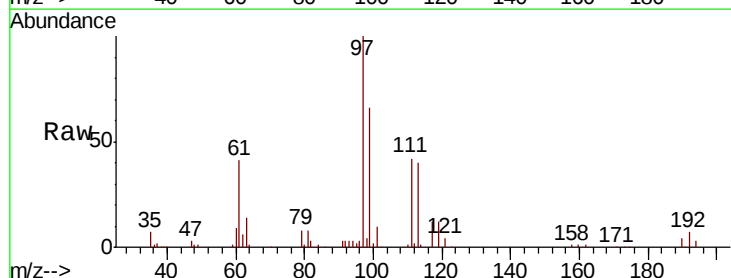
Tgt Ion: 97 Resp: 80998

Ion Ratio Lower Upper

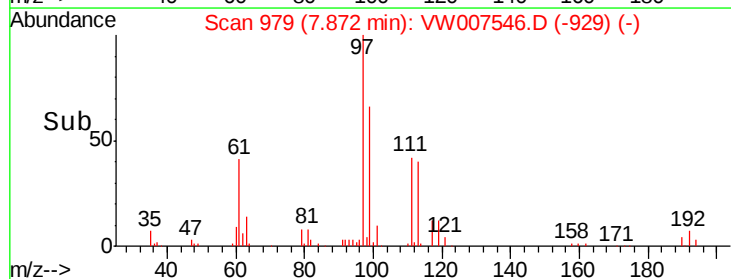
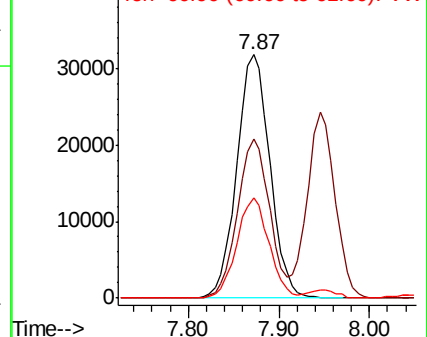
97 100

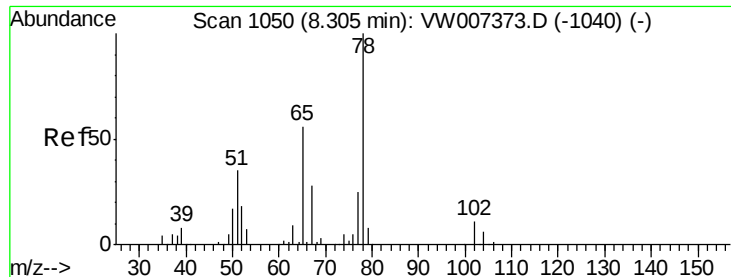
99 63.5 51.1 76.7

61 40.2 33.2 49.8



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

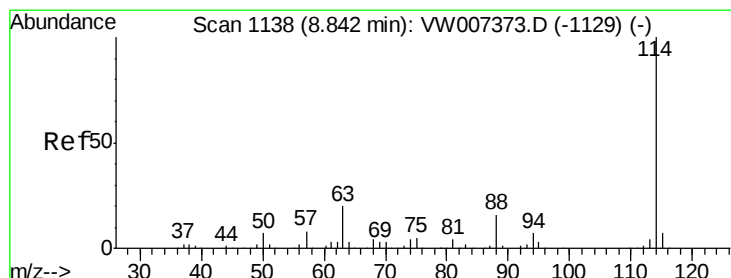
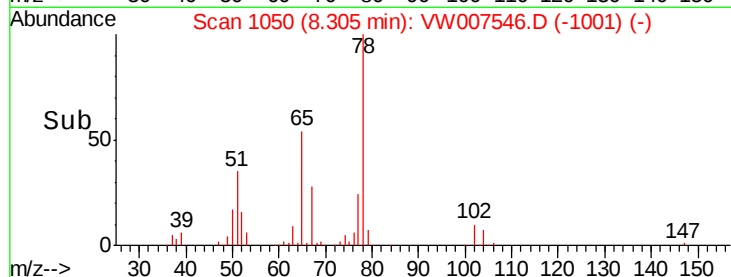
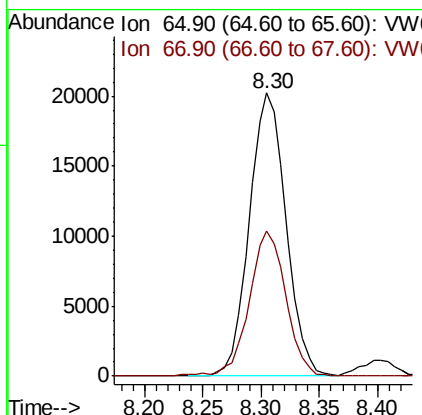
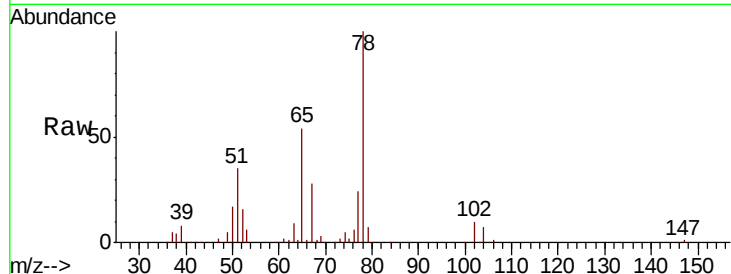




#33
 1,2-Dichloroethane-d4
 Concen: 48.121 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

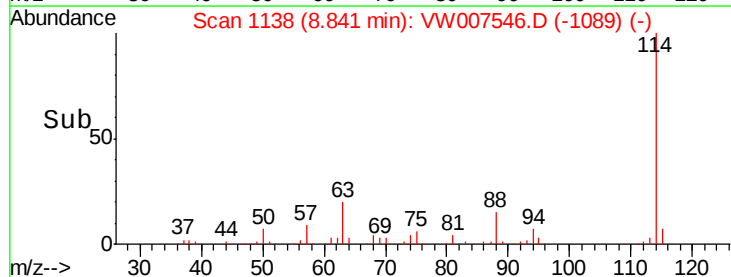
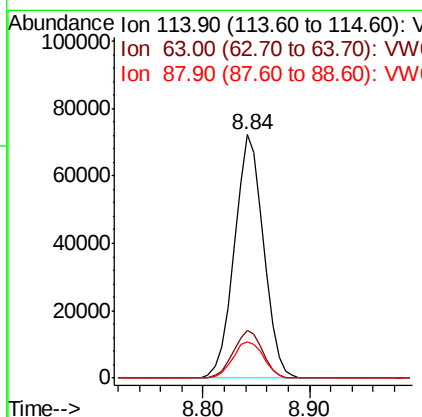
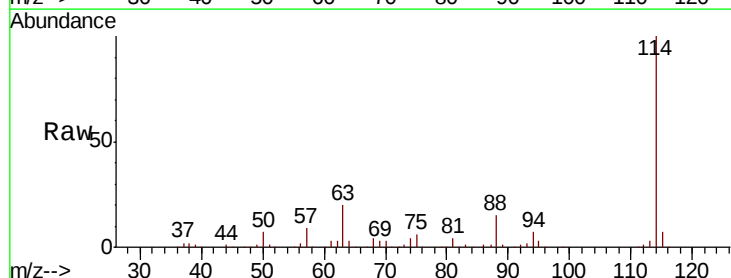
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

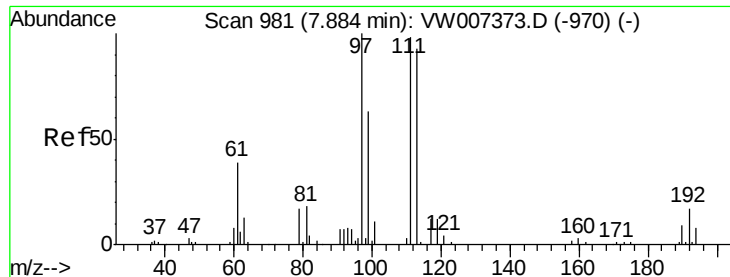
Tgt Ion: 65 Resp: 44438
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 114 Resp: 138581
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.691 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

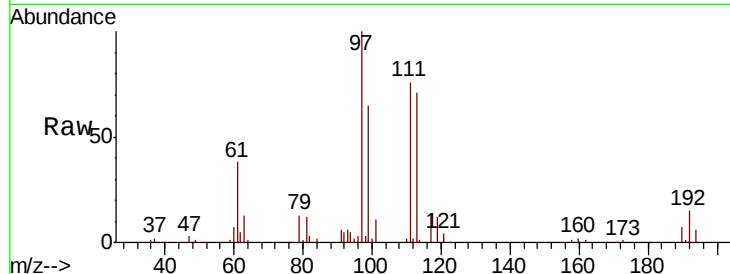
Tgt Ion: 113 Resp: 40846

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

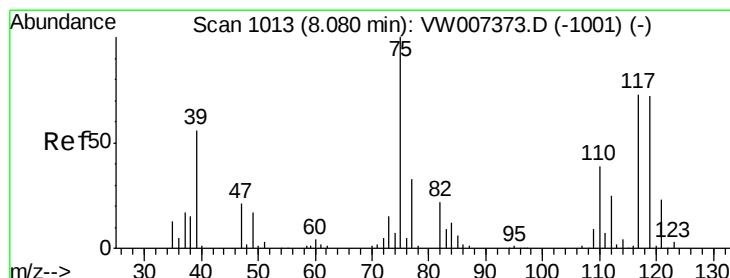
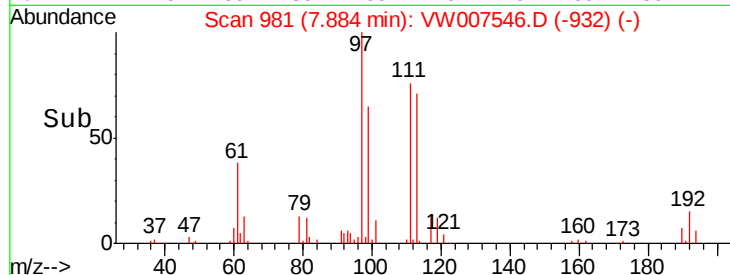
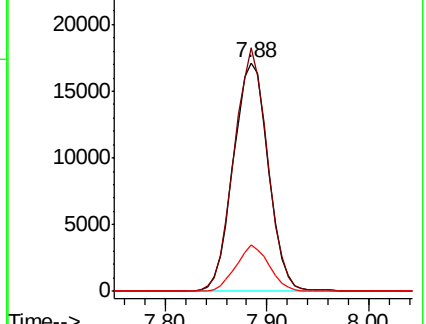
192 19.2 14.6 21.8



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: 53.905 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

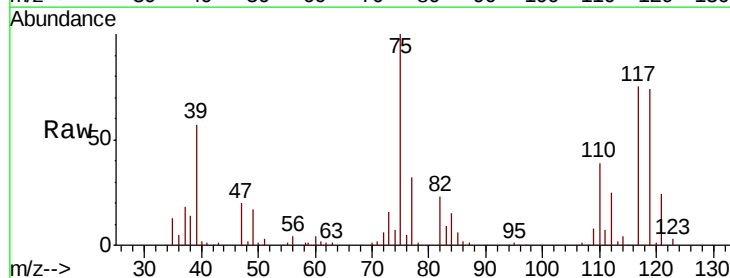
Tgt Ion: 75 Resp: 68146

Ion Ratio Lower Upper

75 100

110 37.3 18.5 55.5

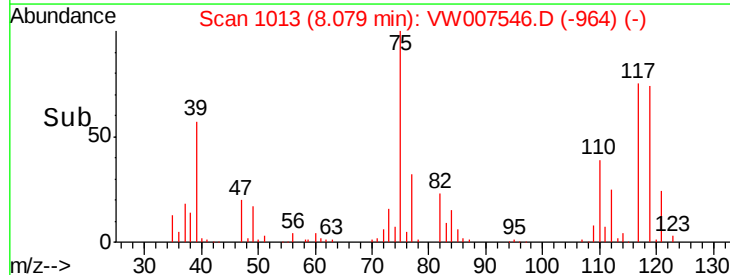
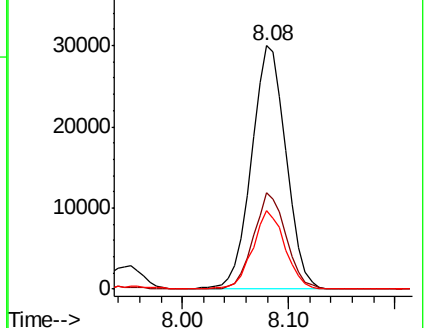
77 30.3 25.6 38.4

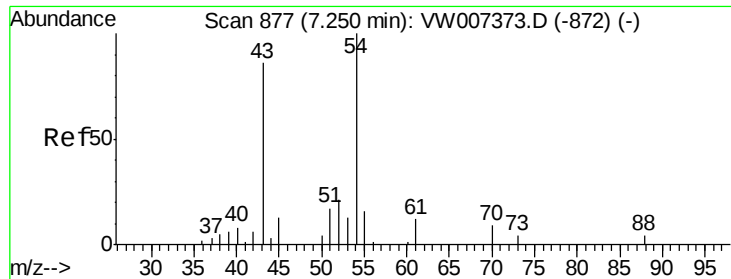


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

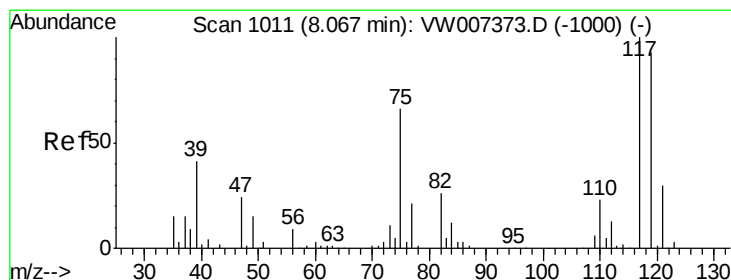
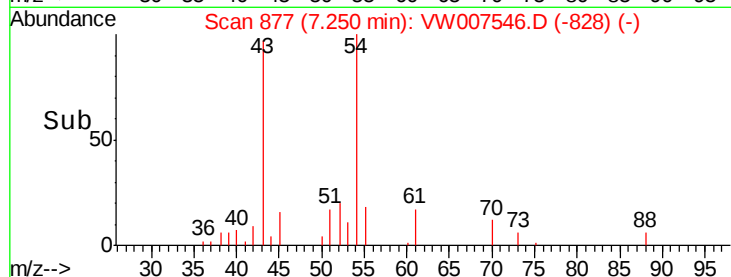
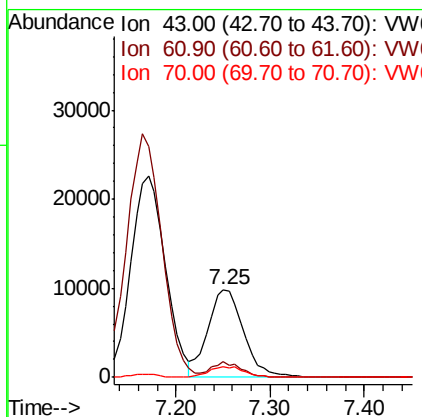
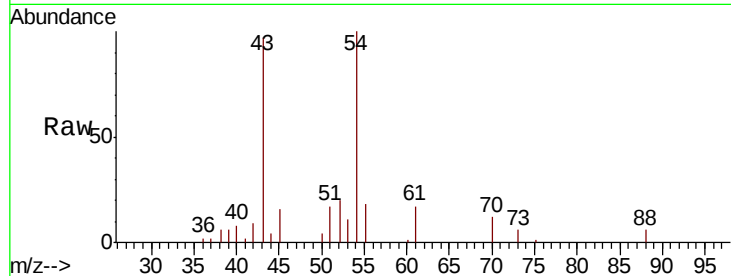




#37
Ethyl Acetate
Concen: 55.505 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

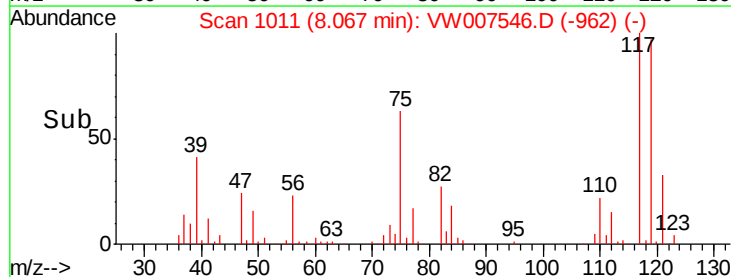
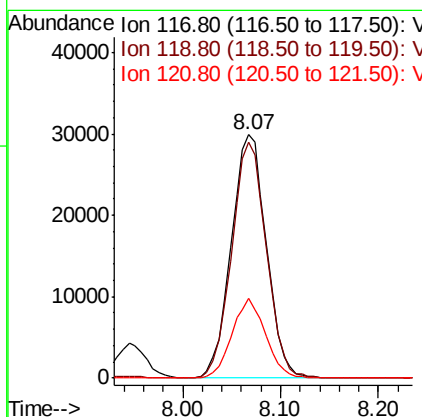
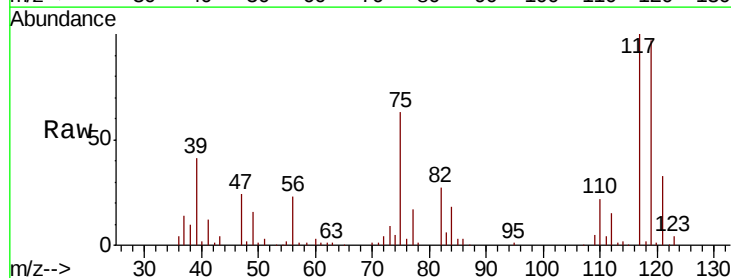
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

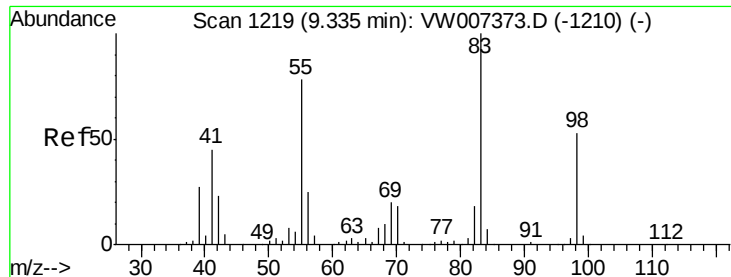
Tgt Ion: 43 Resp: 26098
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 12.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 54.091 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 117 Resp: 74404
Ion Ratio Lower Upper
117 100
119 97.0 74.3 111.5
121 33.0 24.3 36.5

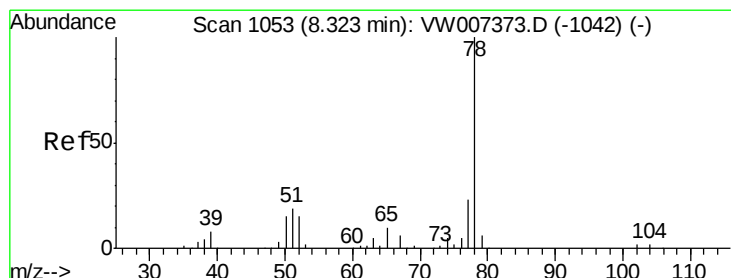
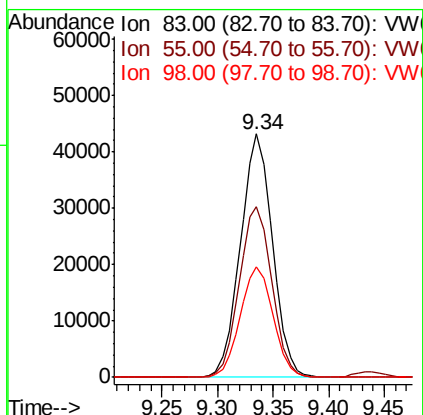
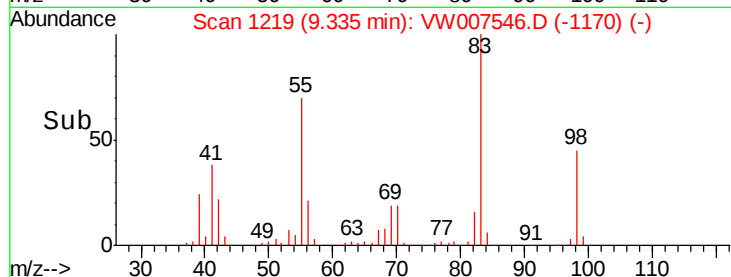
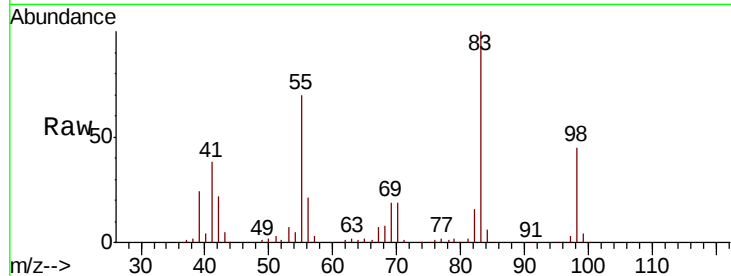




#39
Methylcyclohexane
Concen: 56.462 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

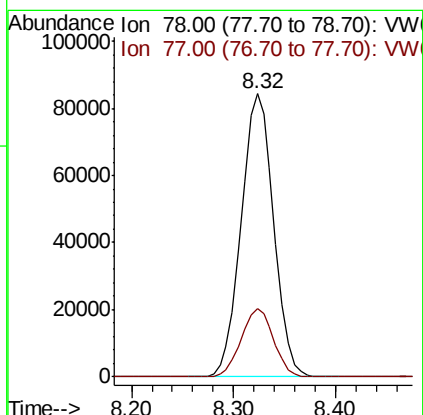
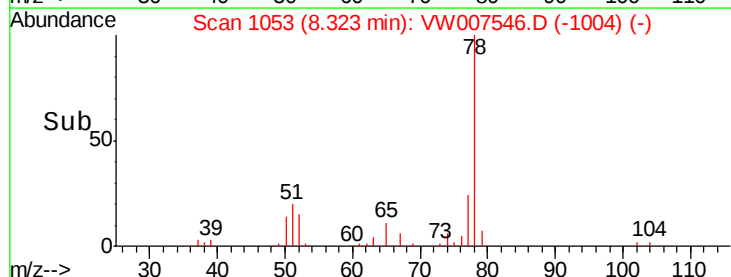
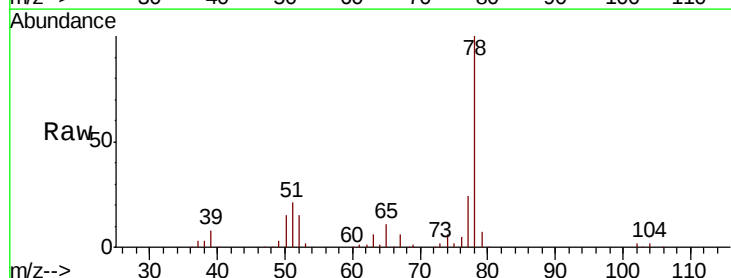
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

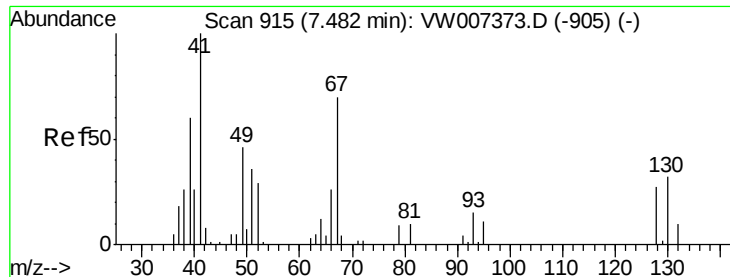
Tgt Ion: 83 Resp: 86432
Ion Ratio Lower Upper
83 100
55 70.3 62.8 94.2
98 45.4 42.2 63.2



#40
Benzene
Concen: 52.976 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 78 Resp: 185858
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

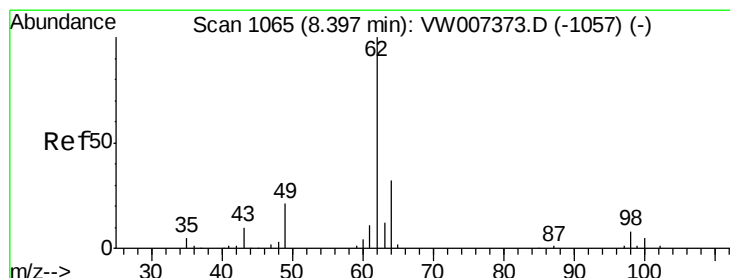
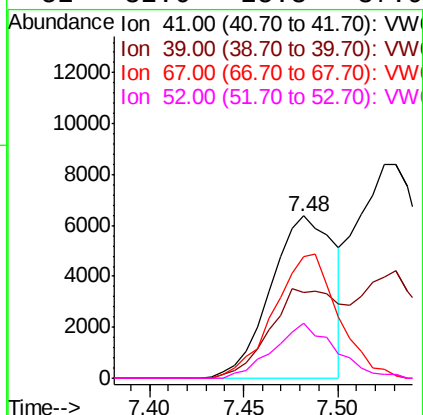
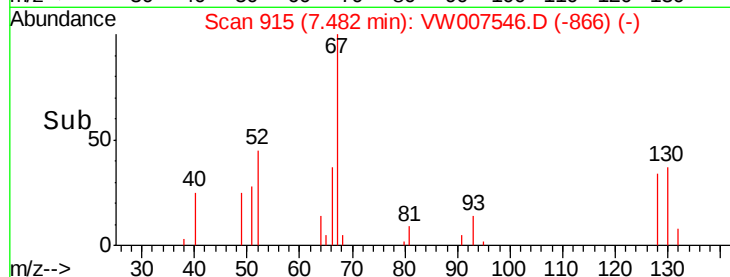
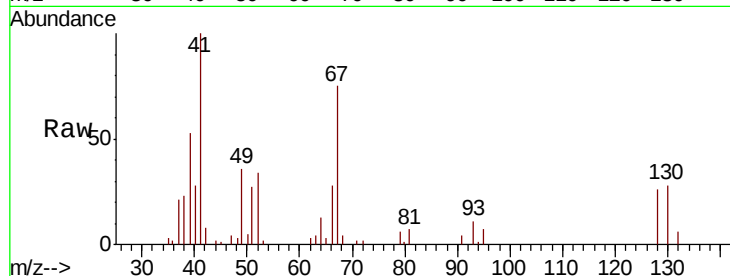




#41
Methacrylonitrile
Concen: 55.991 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

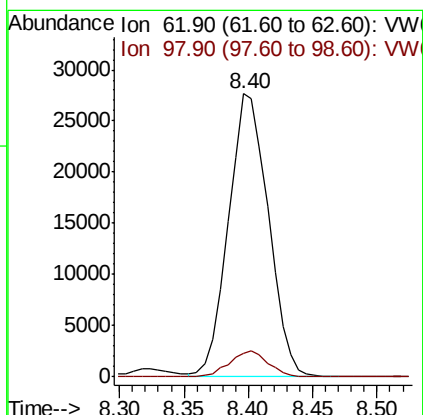
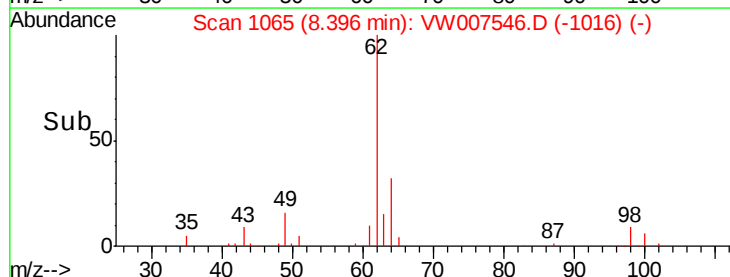
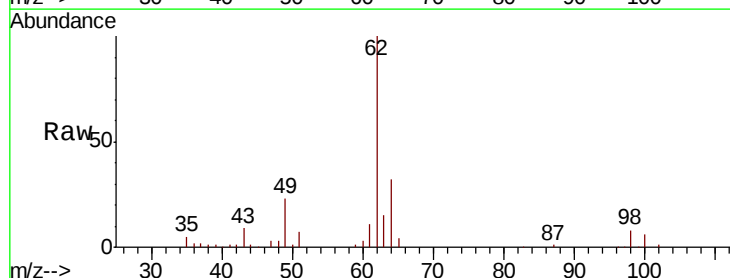
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

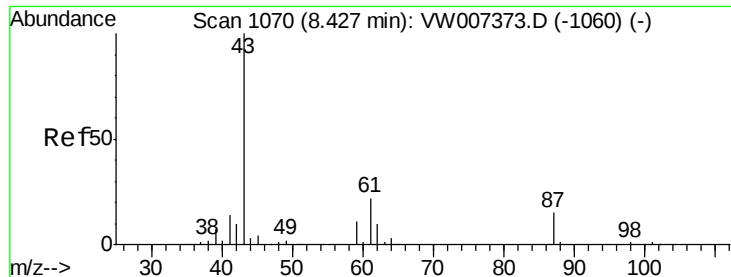
Tgt Ion: 41 Resp: 14992
Ion Ratio Lower Upper
41 100
39 63.6 52.2 78.2
67 77.1 60.5 90.7
52 32.6 25.3 37.9



#42
1,2-Dichloroethane
Concen: 54.191 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 62 Resp: 59722
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 56.039 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

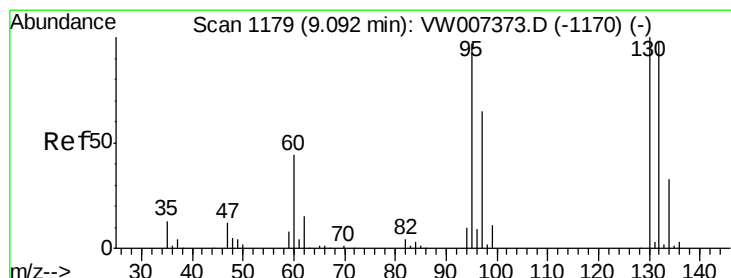
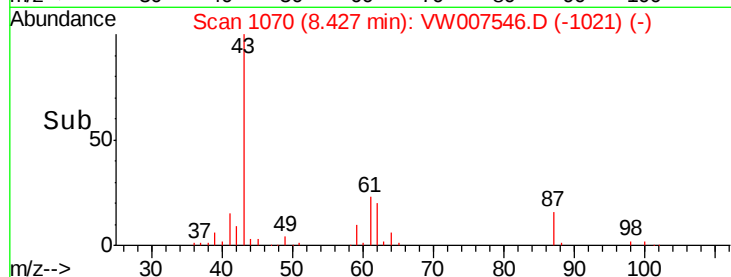
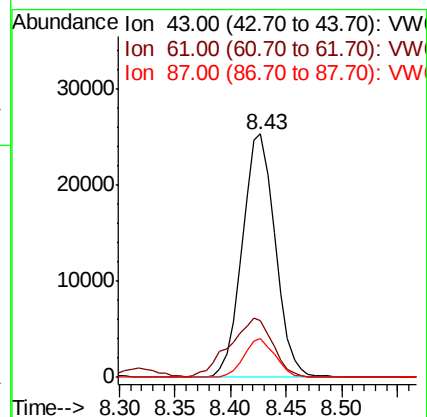
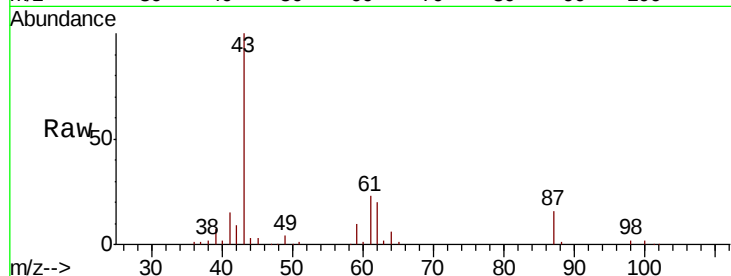
Tgt Ion: 43 Resp: 52048

Ion Ratio Lower Upper

43 100

61 31.8 25.3 37.9

87 15.0 11.8 17.8



#44

Trichloroethene

Concen: 55.187 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007546.D

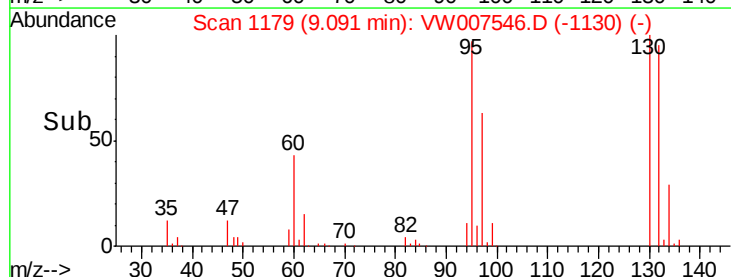
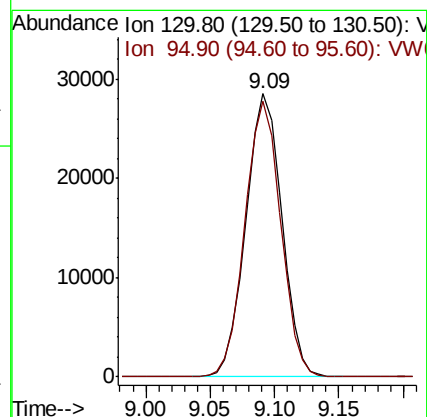
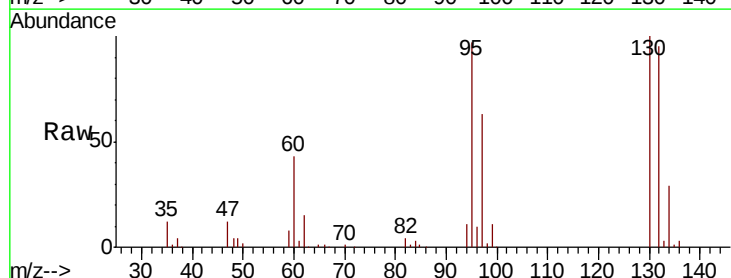
Acq: 14 Dec 2018 20:19

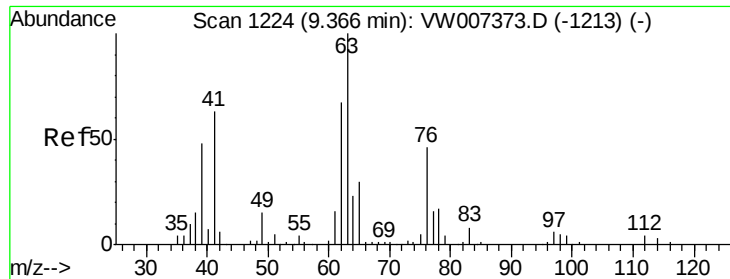
Tgt Ion: 130 Resp: 55288

Ion Ratio Lower Upper

130 100

95 97.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 54.048 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

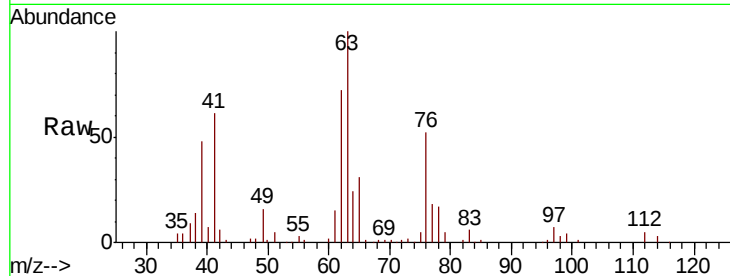
VSTDCCC050EC

Tgt Ion: 63 Resp: 43880

Ion Ratio Lower Upper

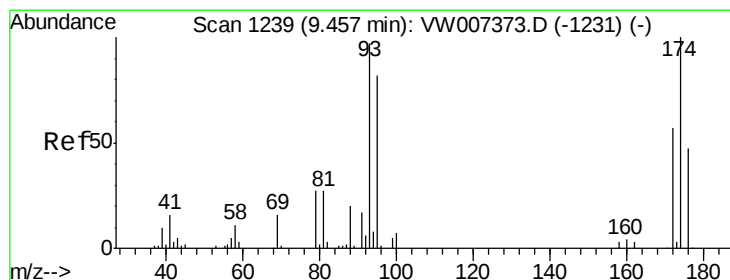
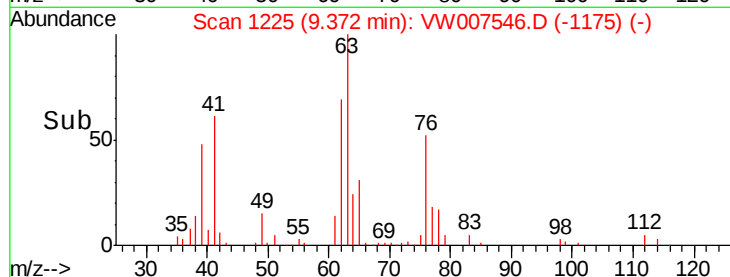
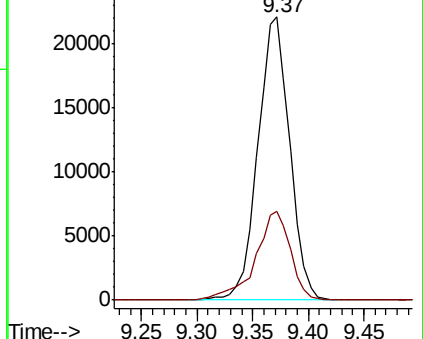
63 100

65 31.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 55.387 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

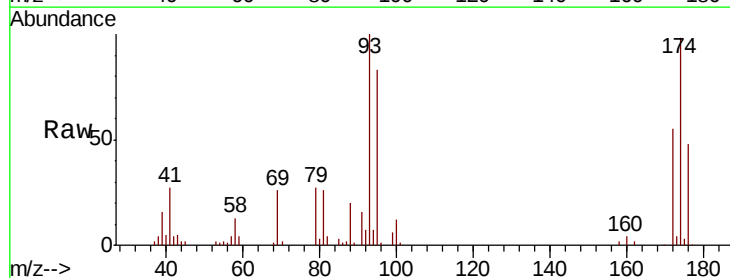
Tgt Ion: 93 Resp: 25536

Ion Ratio Lower Upper

93 100

95 82.6 68.0 102.0

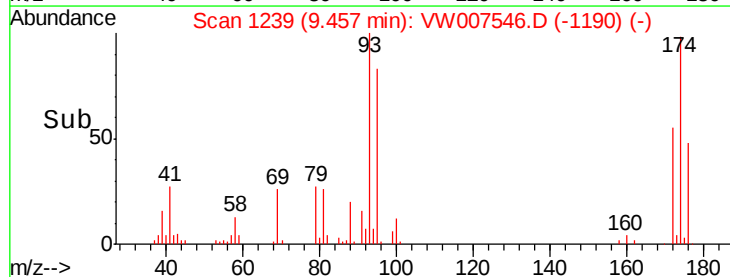
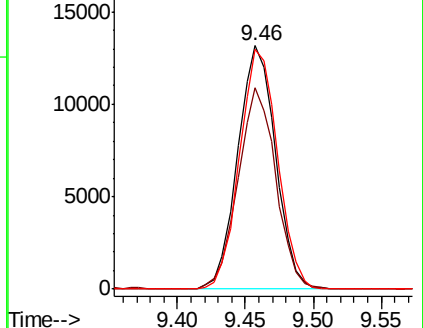
174 99.3 83.2 124.8

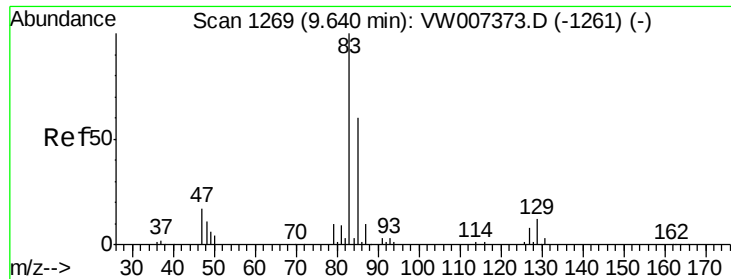


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.465 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

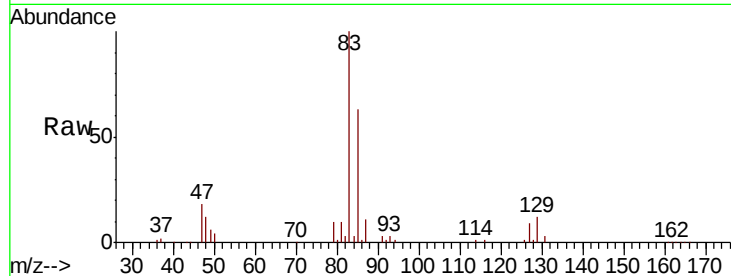
Tgt Ion: 83 Resp: 65867

Ion Ratio Lower Upper

83 100

85 63.2 47.6 71.4

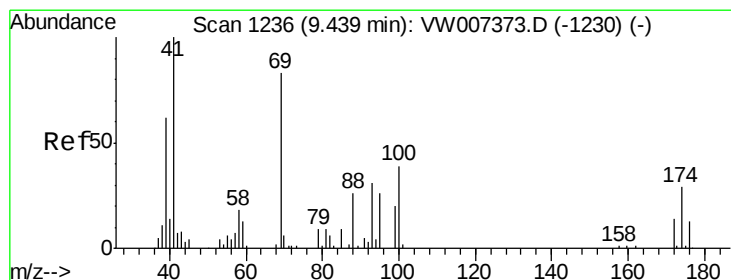
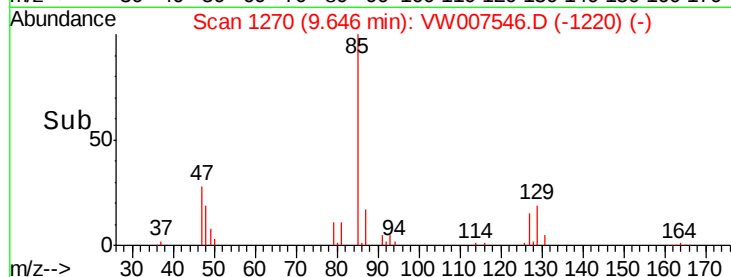
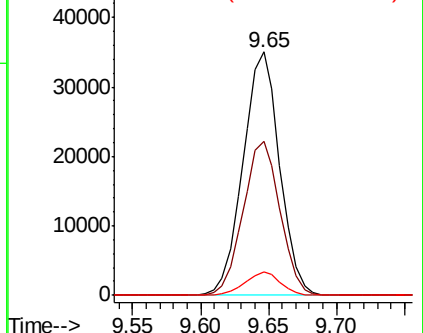
127 9.4 6.7 10.1



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): VW



#48

Methyl methacrylate

Concen: 53.790 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

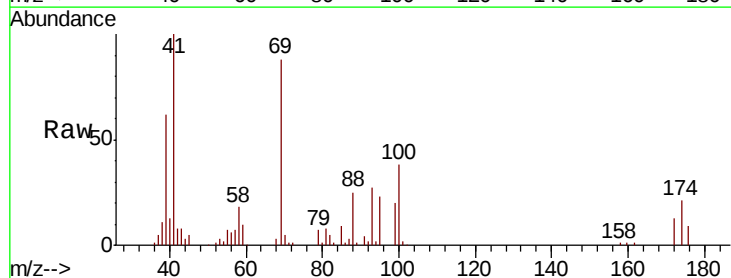
Tgt Ion: 41 Resp: 25658

Ion Ratio Lower Upper

41 100

69 92.6 69.8 104.8

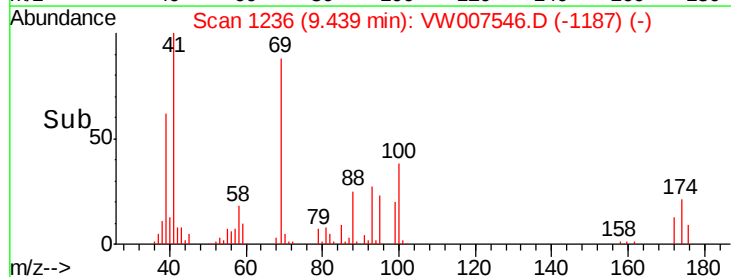
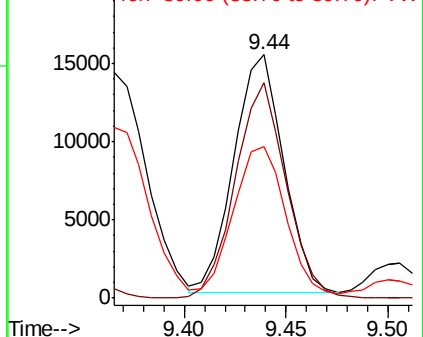
39 64.2 50.9 76.3

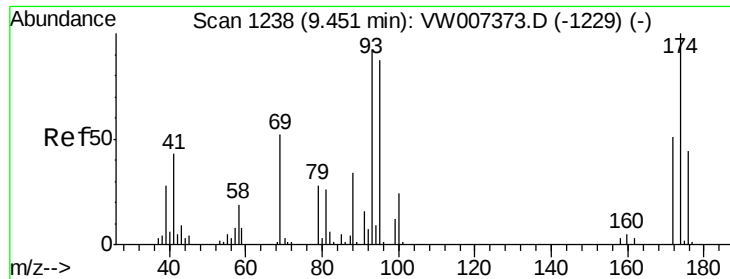


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

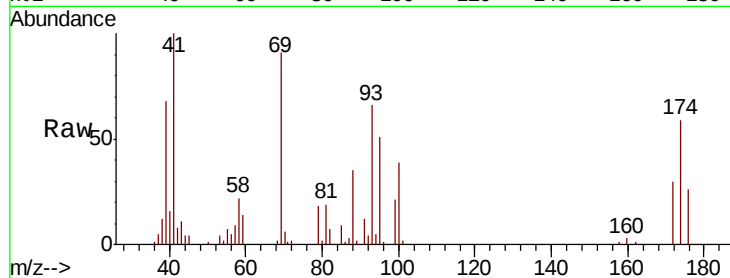




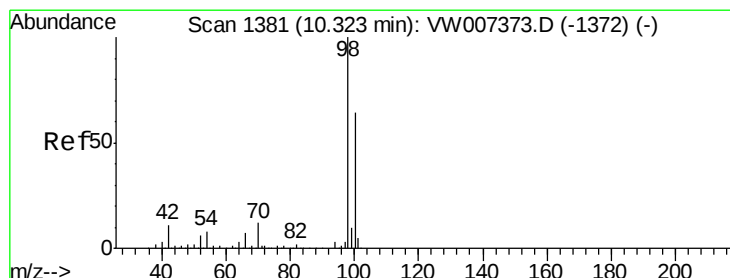
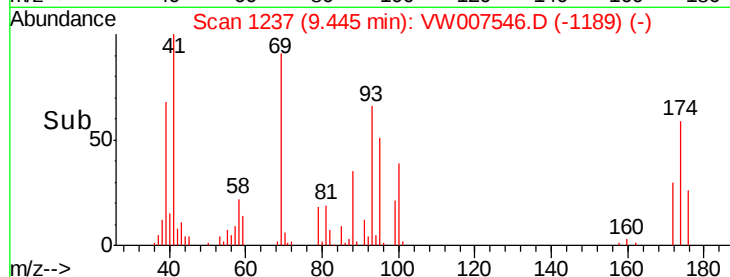
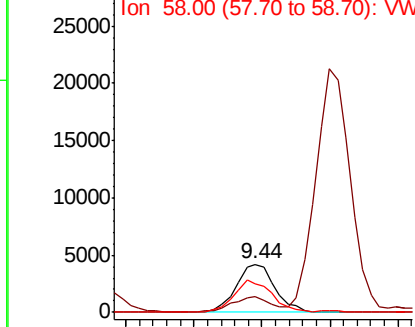
#49
 1,4-Dioxane
 Concen: 1119.395 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 8374
 Ion Ratio Lower Upper
 88 100
 43 31.9 25.0 37.4
 58 65.6 51.4 77.2

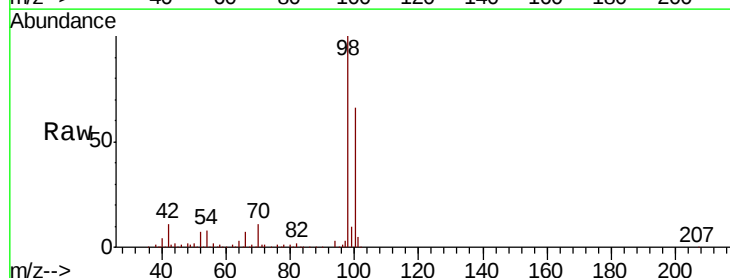


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

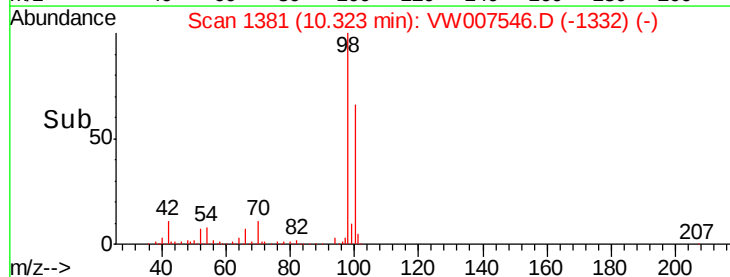
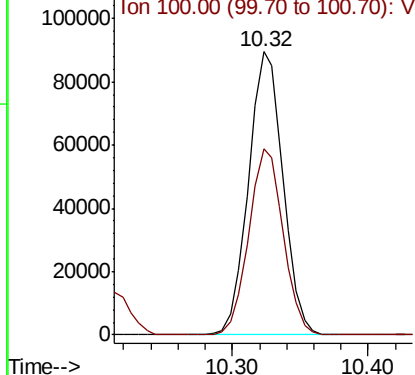


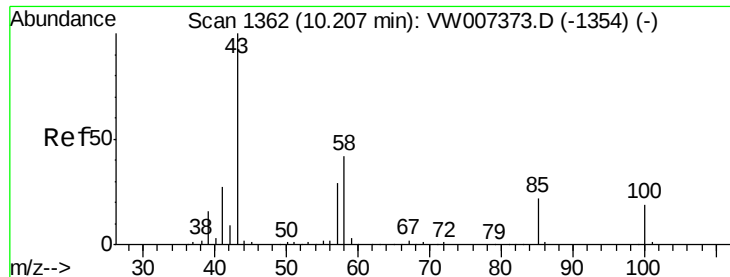
#50
 Toluene-d8
 Concen: 50.444 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 98 Resp: 158666
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.8 77.8



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

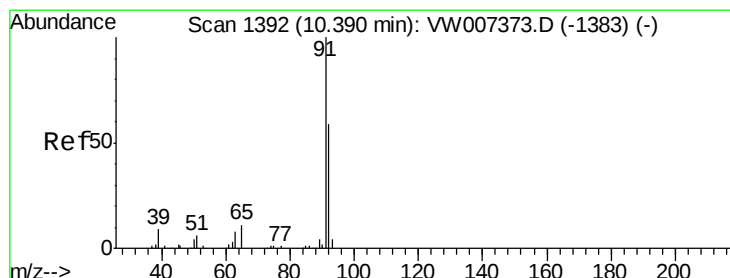
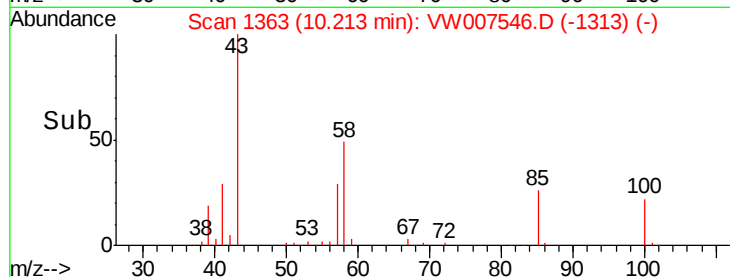
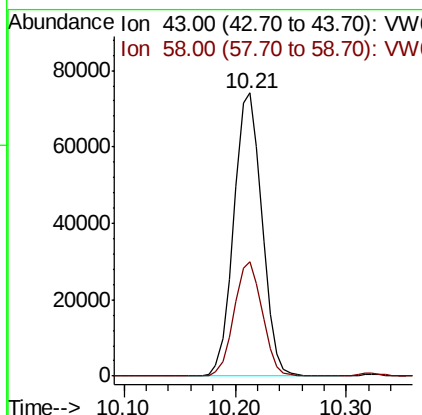
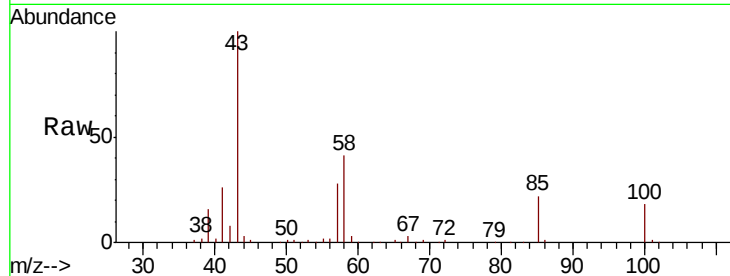




#51
 4-Methyl-2-Pentanone
 Concen: 296.392 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

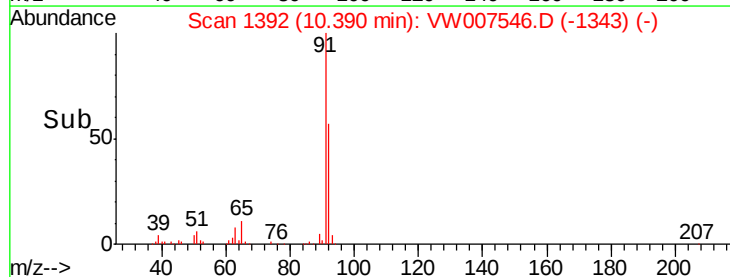
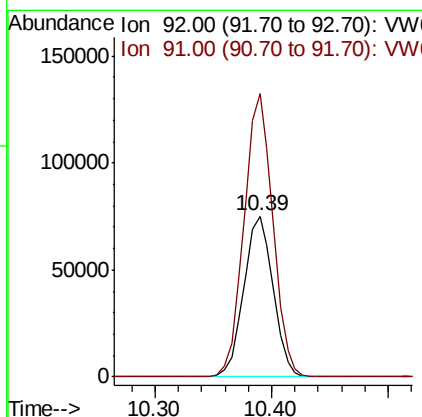
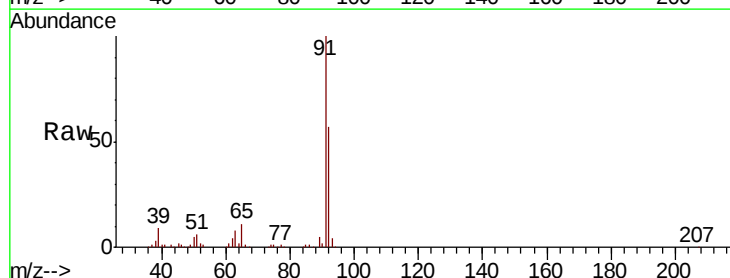
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

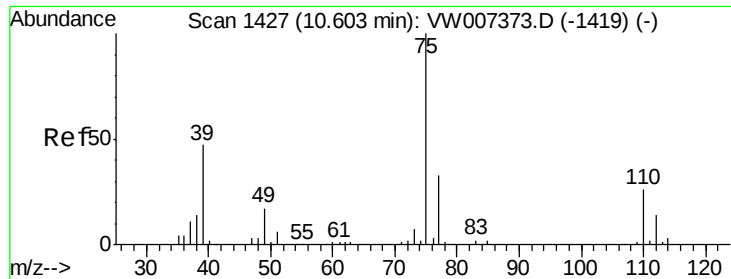
Tgt Ion: 43 Resp: 130071
 Ion Ratio Lower Upper
 43 100
 58 40.2 33.1 49.7



#52
 Toluene
 Concen: 58.060 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 92 Resp: 131820
 Ion Ratio Lower Upper
 92 100
 91 173.4 136.2 204.2

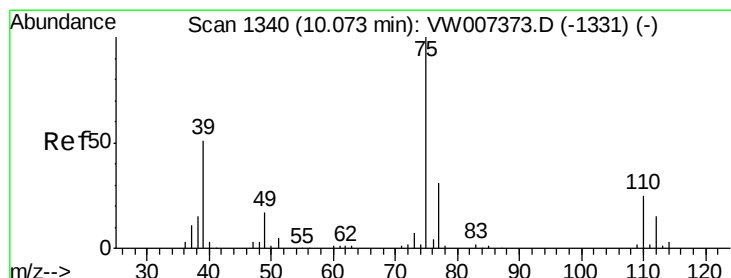
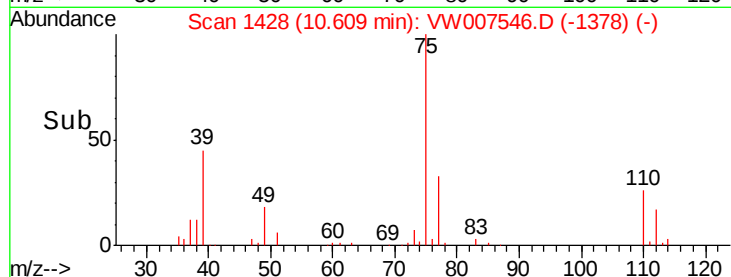
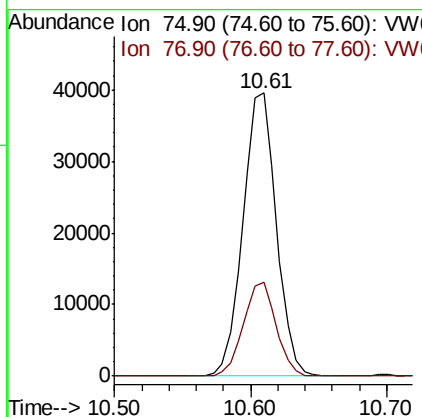
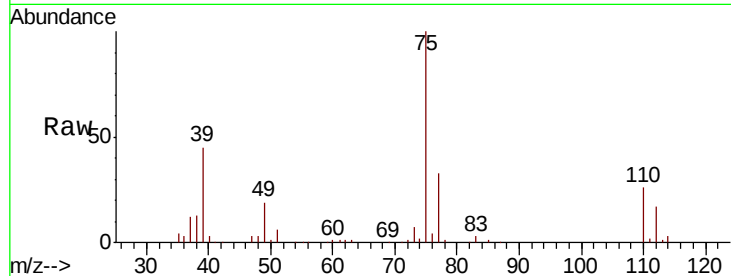




#53
 t-1,3-Dichloropropene
 Concen: 57.736 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

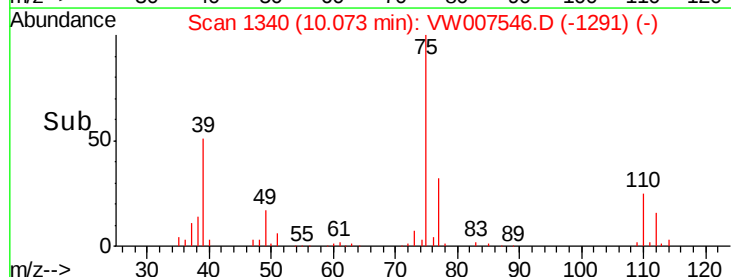
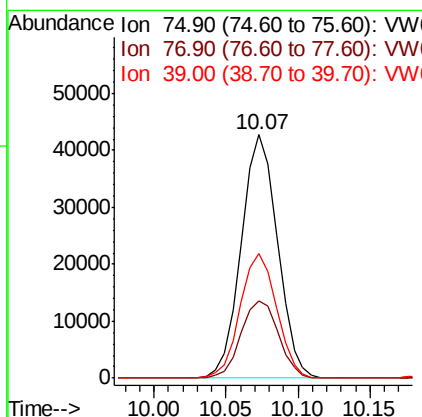
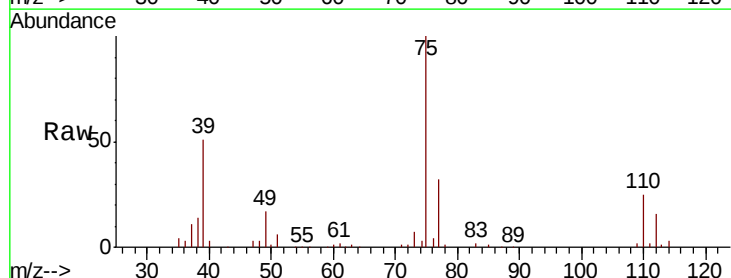
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

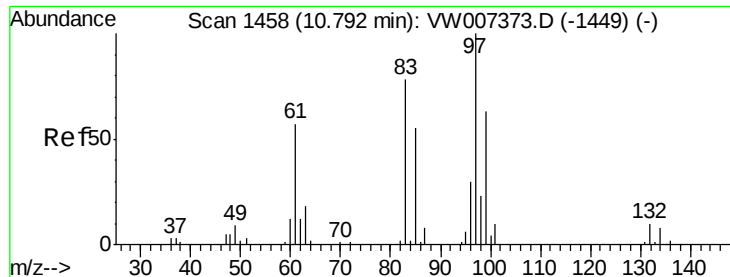
Tgt Ion: 75 Resp: 67786
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.998 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 75 Resp: 74645
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 51.4 40.9 61.3

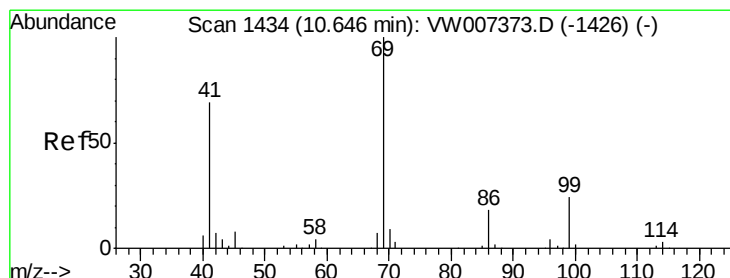
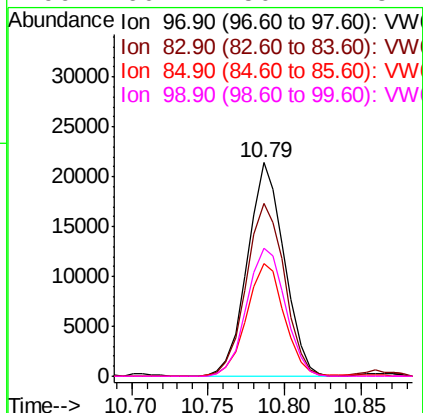
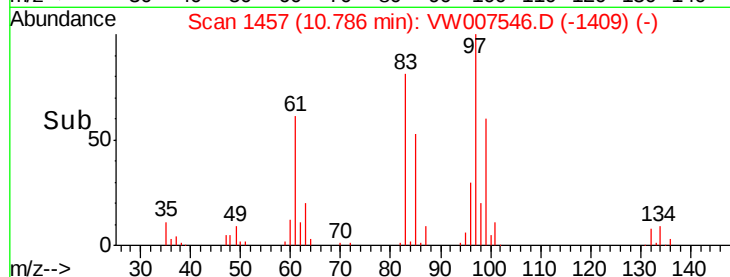
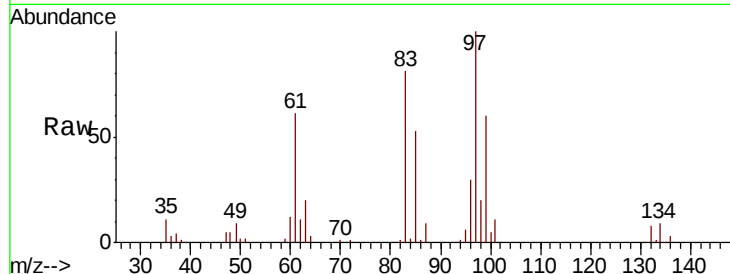




#55
 1,1,2-Trichloroethane
 Concen: 57.174 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

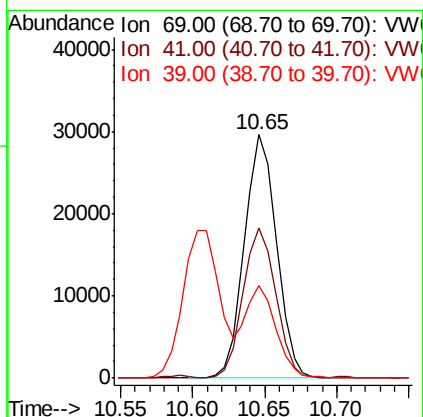
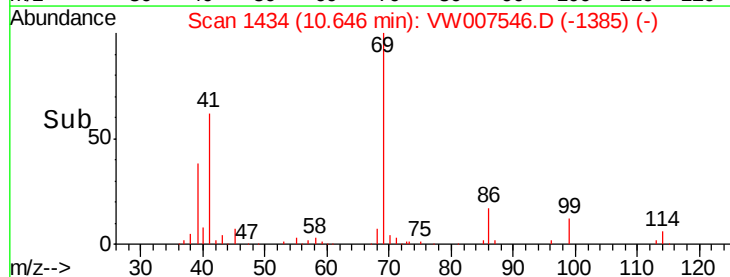
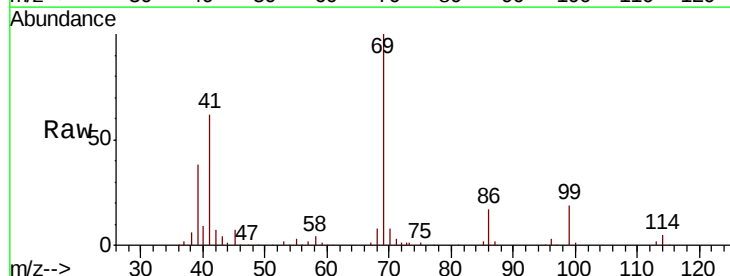
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

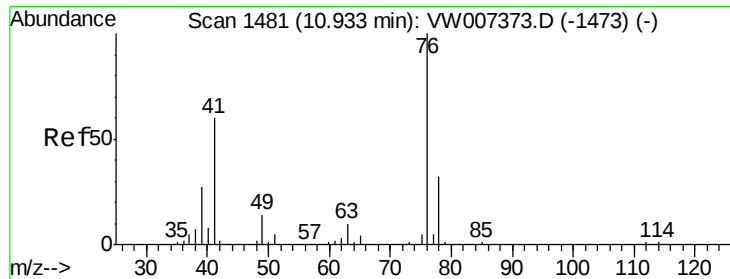
Tgt Ion:	97	Resp:	35876
Ion	Ratio	Lower	Upper
97	100		
83	80.9	62.1	93.1
85	52.9	44.2	66.4
99	60.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 60.717 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion:	69	Resp:	45794
Ion	Ratio	Lower	Upper
69	100		
41	62.1	51.0	76.6
39	37.2	30.8	46.2

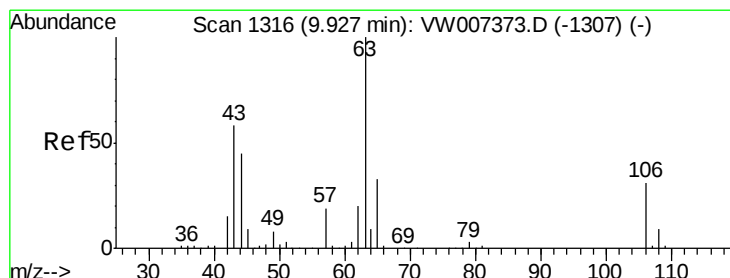
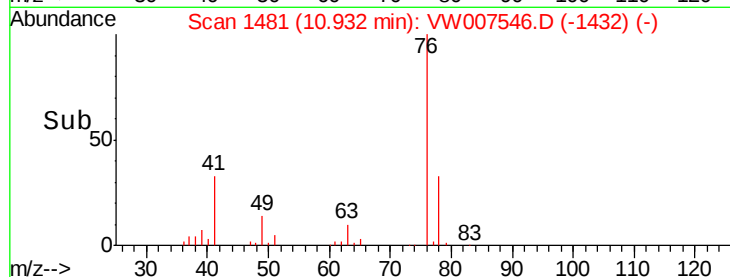
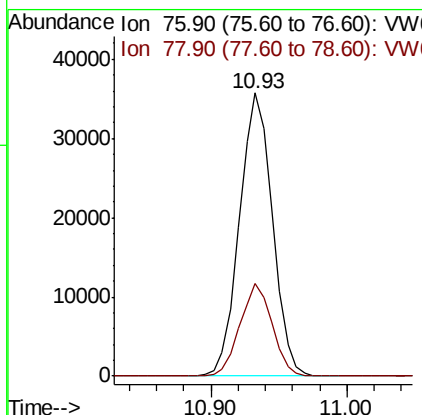
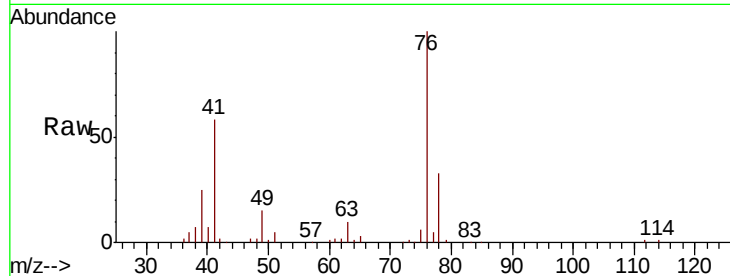




#57
 1,3-Dichloropropane
 Concen: 58.720 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

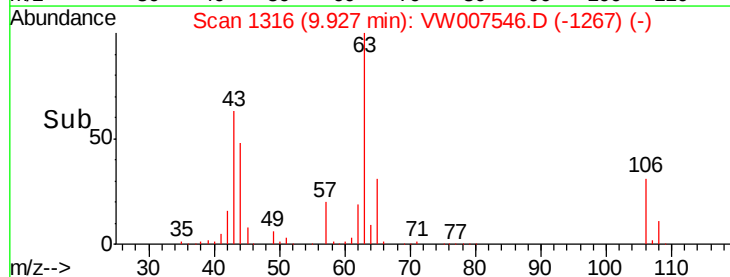
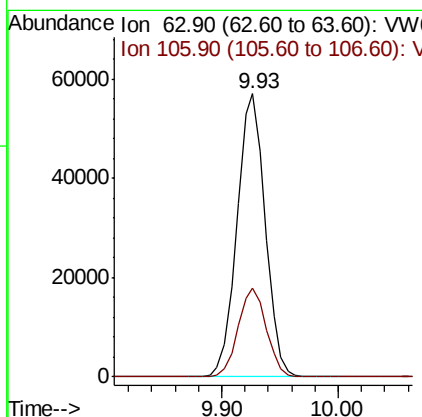
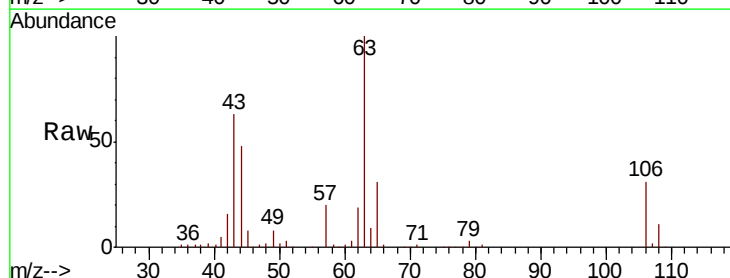
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

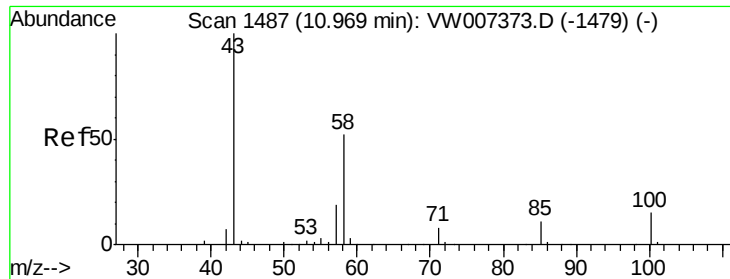
Tgt Ion: 76 Resp: 60478
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.842 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 63 Resp: 96287
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.0 37.6

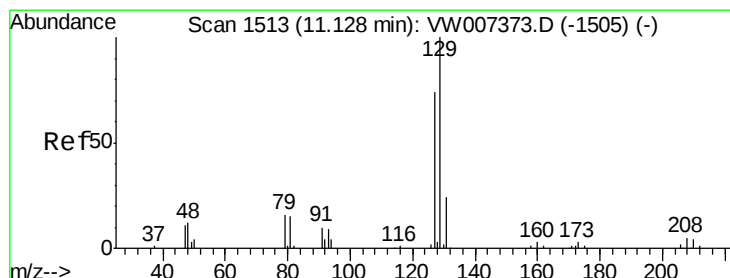
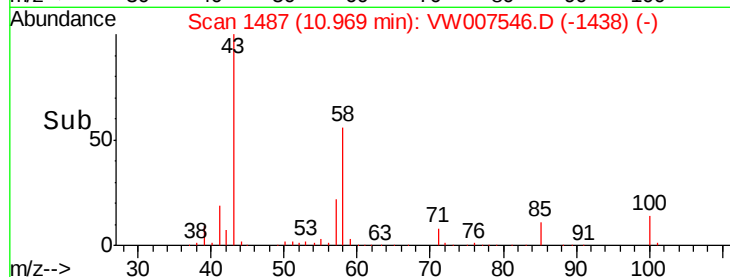
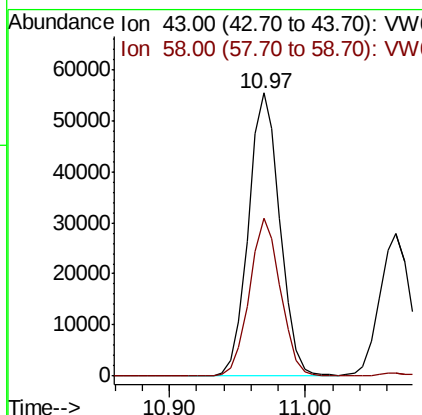
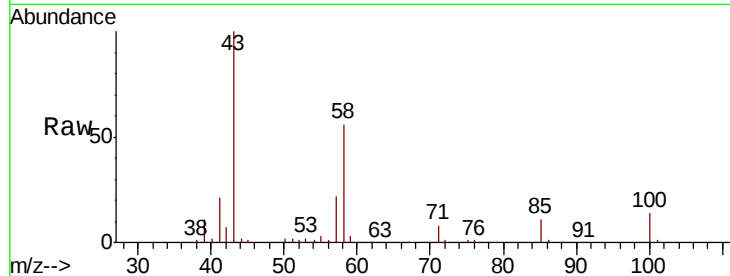




#59
2-Hexanone
Concen: 306.944 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

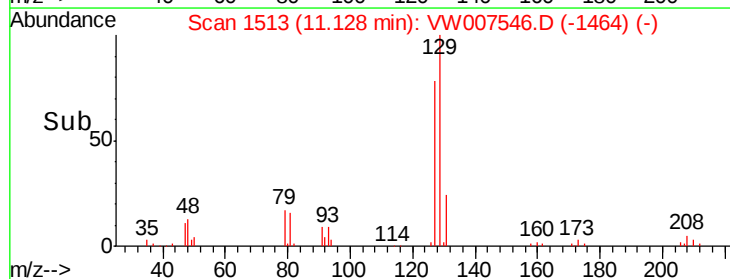
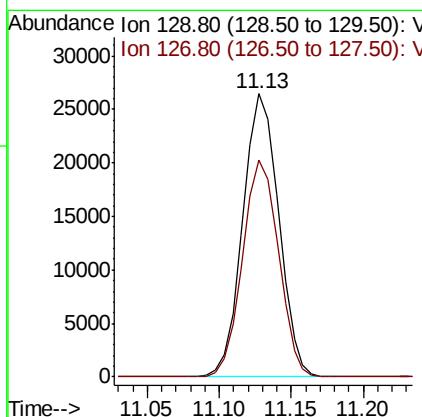
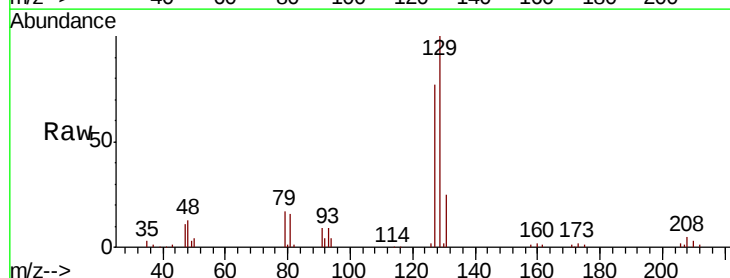
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

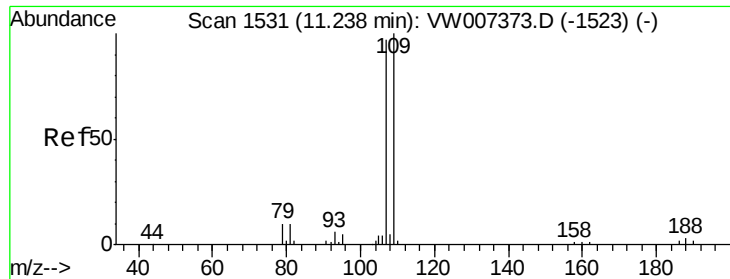
Tgt Ion: 43 Resp: 89819
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.3



#60
Dibromochloromethane
Concen: 57.709 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 129 Resp: 45699
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 57.758 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

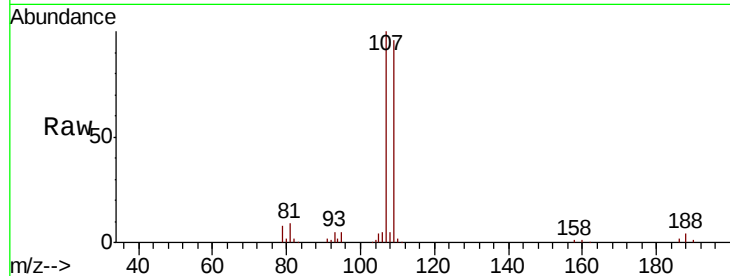
VSTDCCC050EC

Tgt Ion: 107 Resp: 35816

Ion Ratio Lower Upper

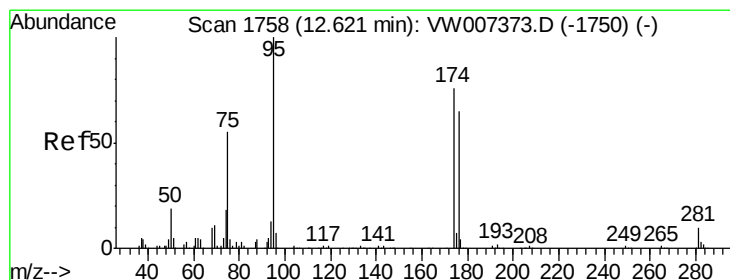
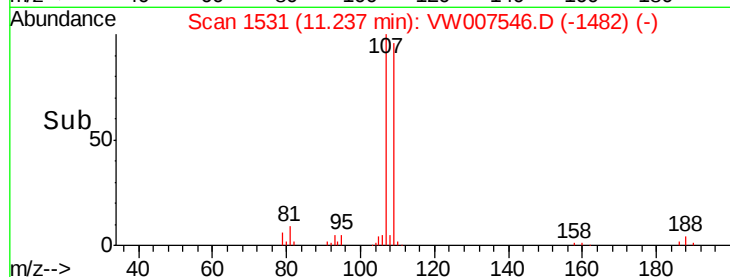
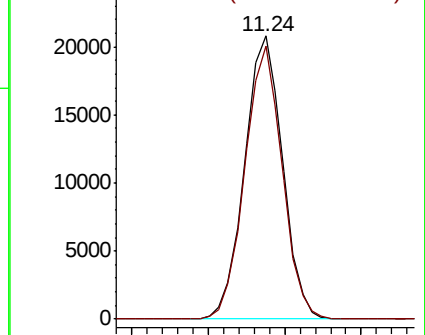
107 100

109 94.9 79.1 118.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.122 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

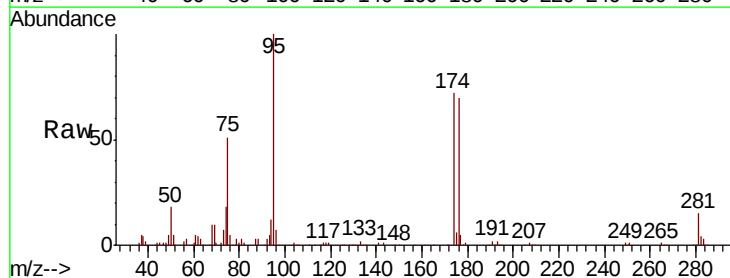
Tgt Ion: 95 Resp: 60277

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.2

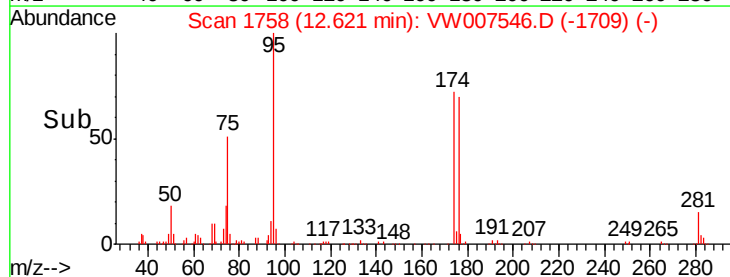
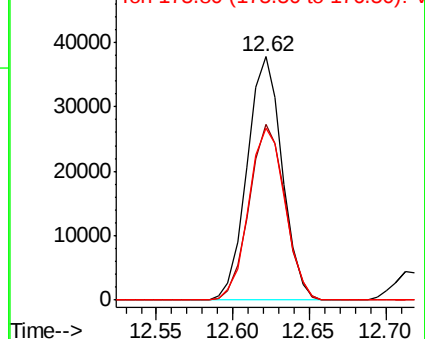
176 73.5 0.0 138.8

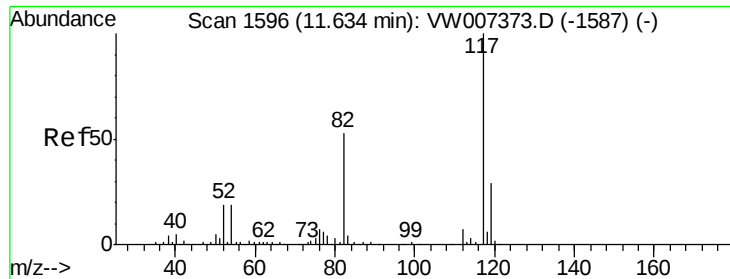


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

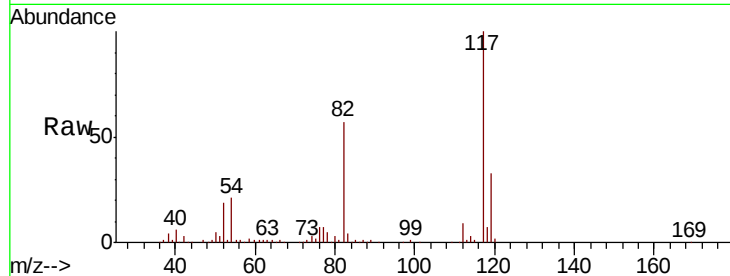




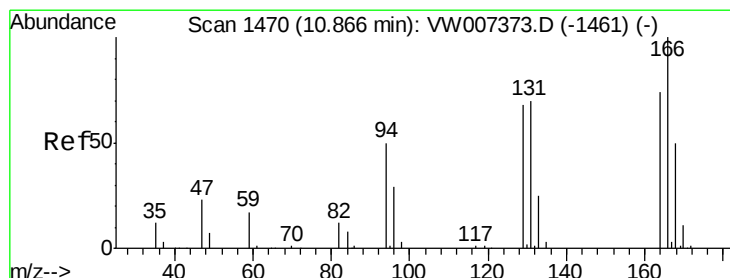
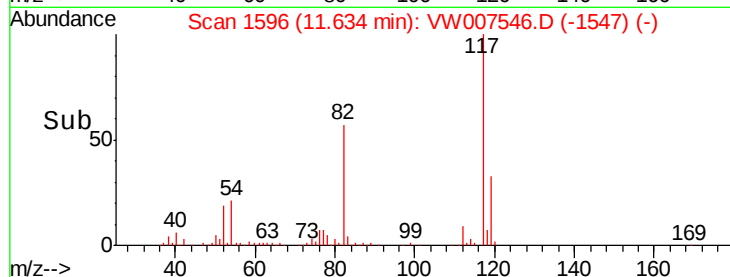
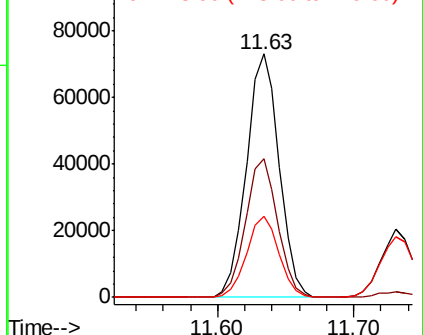
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 122953
Ion Ratio Lower Upper
117 100
82 57.0 42.3 63.5
119 33.4 23.0 34.6

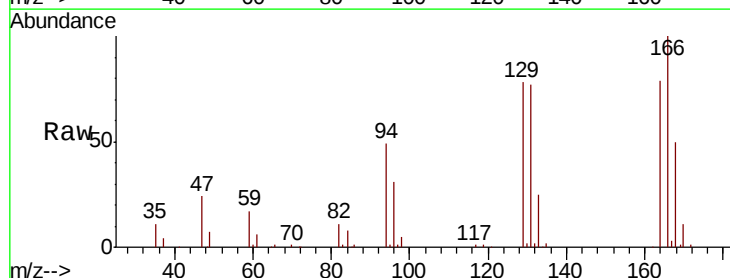


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

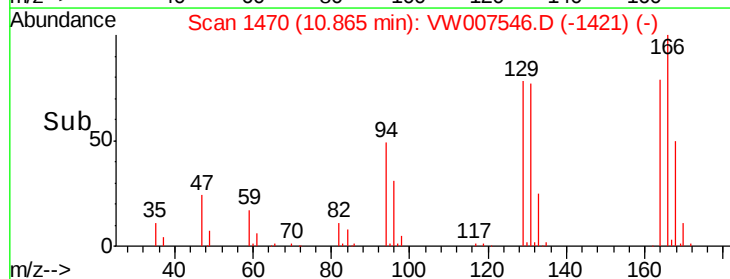
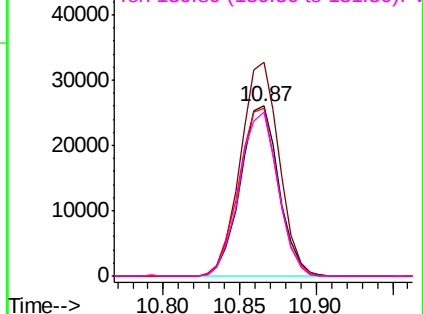


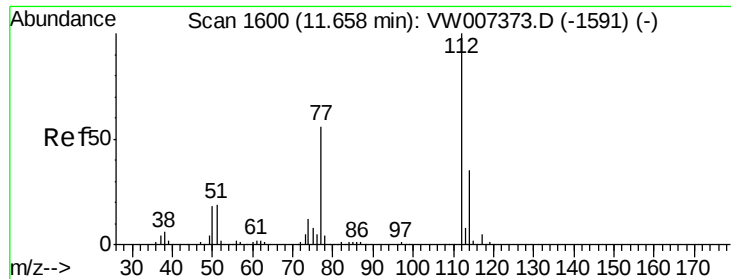
#64
Tetrachloroethene
Concen: 51.510 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion:164 Resp: 45545
Ion Ratio Lower Upper
164 100
166 125.9 107.9 161.9
129 98.7 73.4 110.2
131 96.7 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 54.891 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

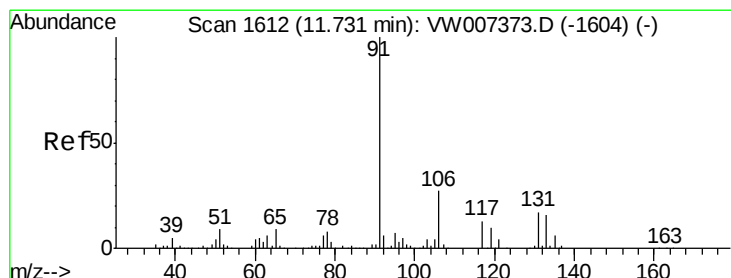
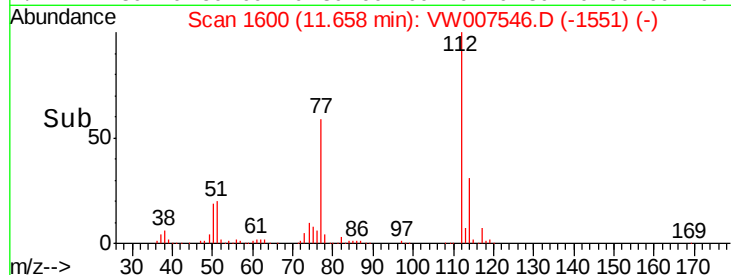
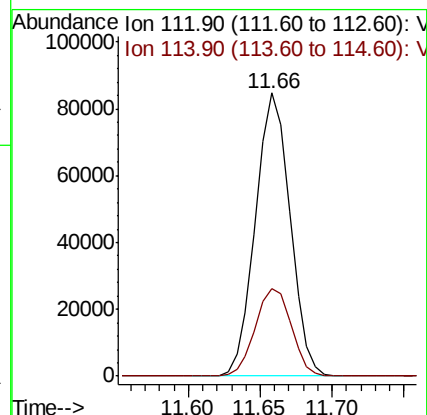
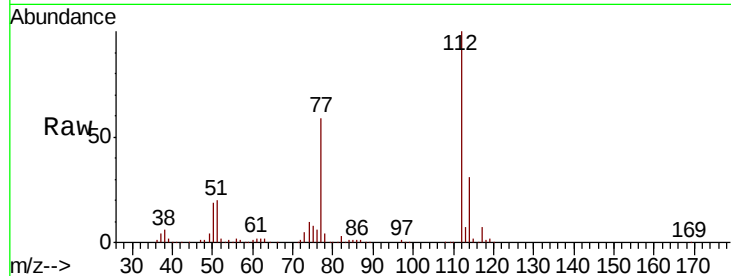
VSTDCCC050EC

Tgt Ion:112 Resp: 140672

Ion Ratio Lower Upper

112 100

114 30.9 27.8 41.8



#66

1,1,1,2-Tetrachloroethane

Concen: 53.894 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

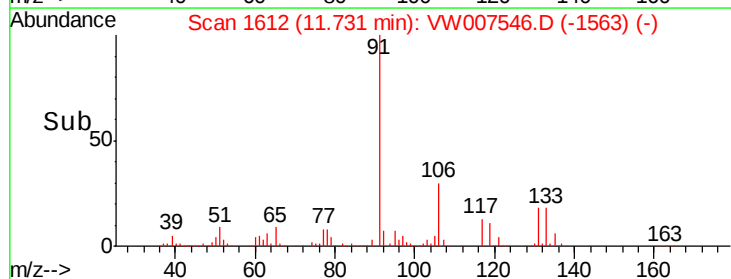
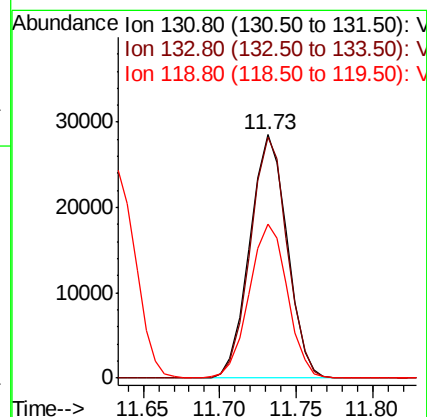
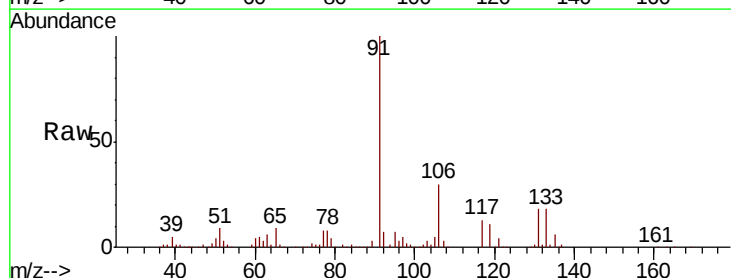
Tgt Ion:131 Resp: 48644

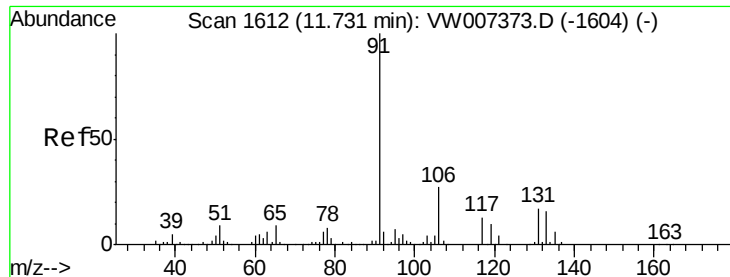
Ion Ratio Lower Upper

131 100

133 97.7 47.1 141.4

119 64.5 31.3 93.9

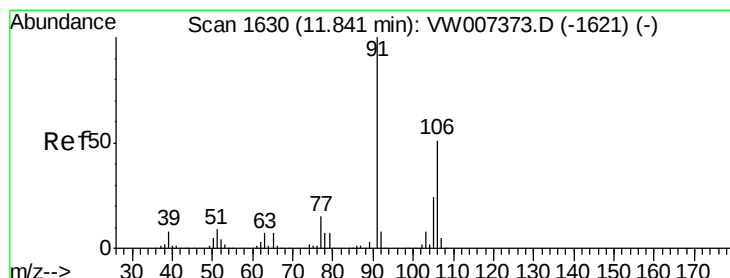
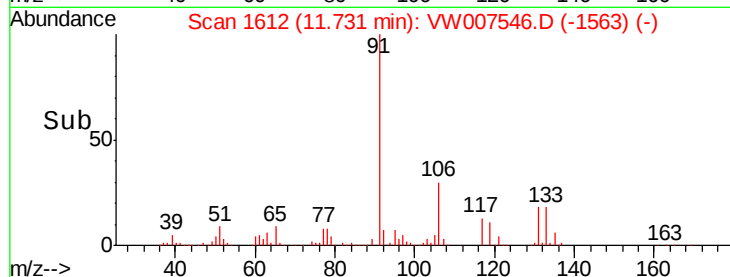
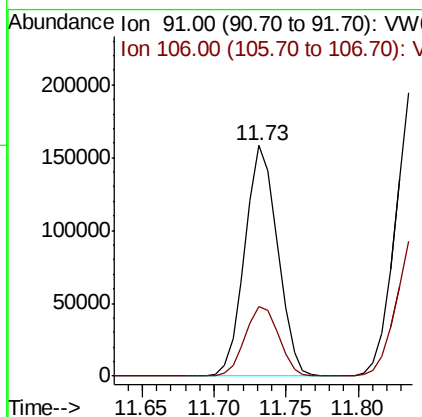
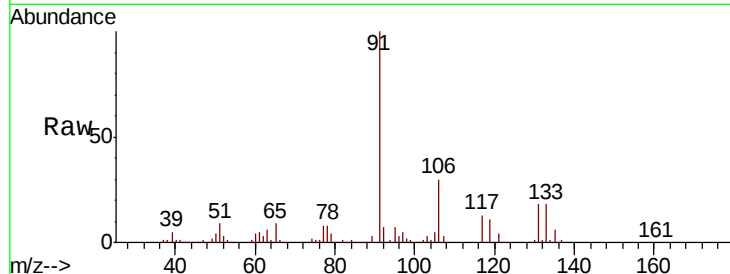




#67
Ethyl Benzene
Concen: 56.591 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

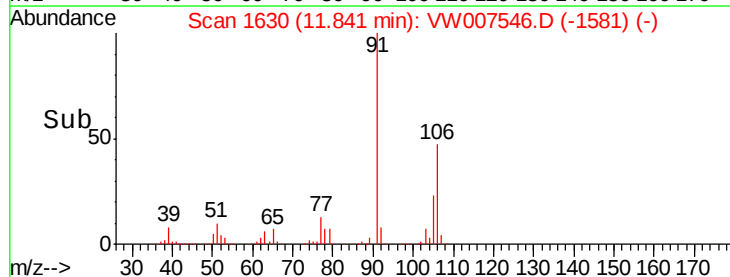
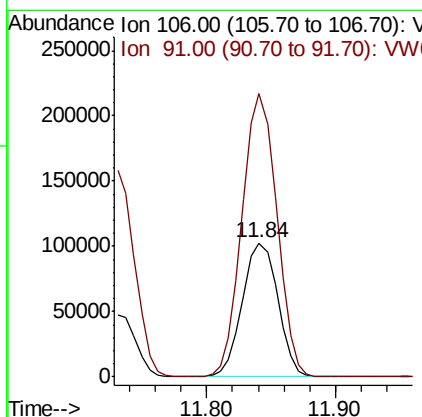
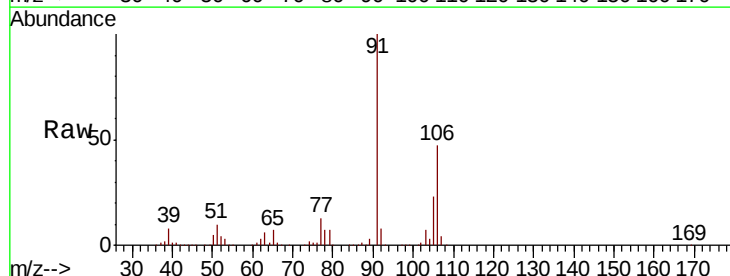
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

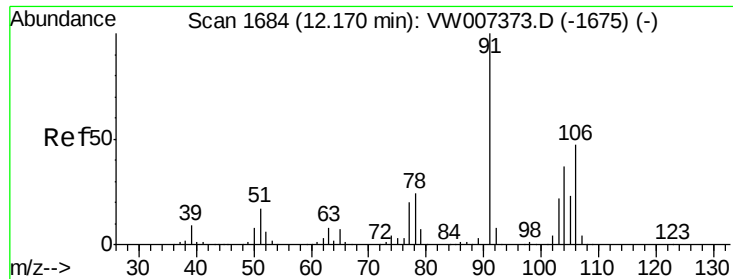
Tgt Ion: 91 Resp: 249342
Ion Ratio Lower Upper
91 100
106 30.1 21.8 32.8



#68
m/p-Xylenes
Concen: 114.352 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 106 Resp: 195871
Ion Ratio Lower Upper
106 100
91 207.3 165.3 247.9

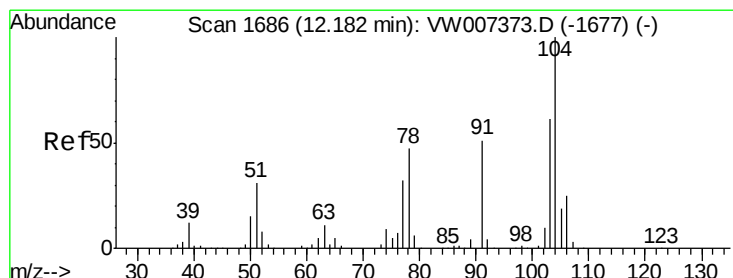
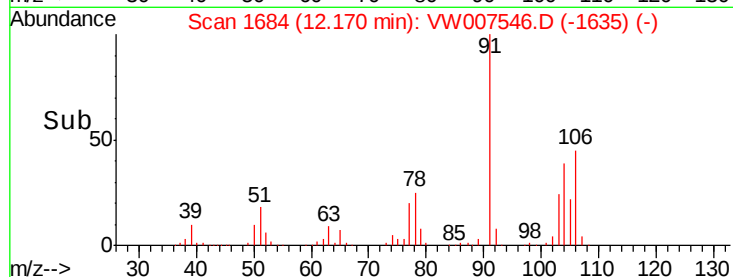
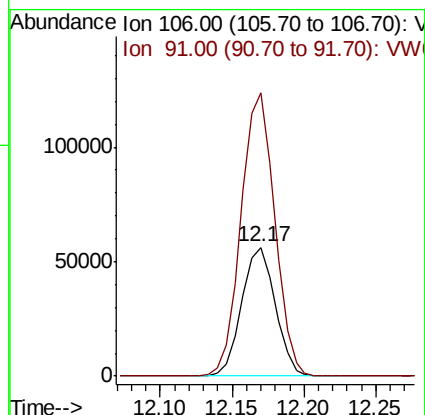
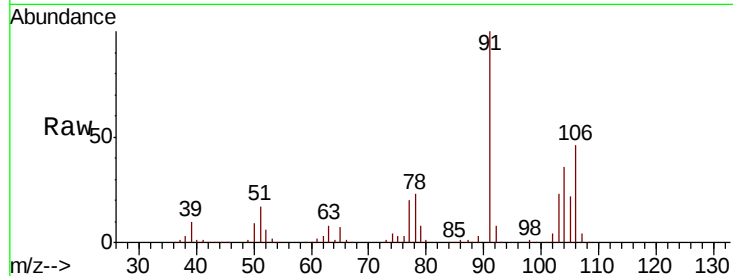




#69
o-Xylene
Concen: 56.819 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

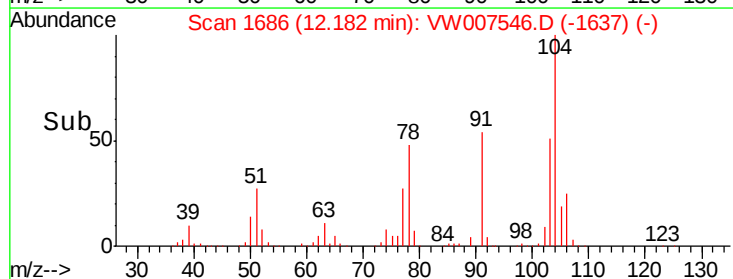
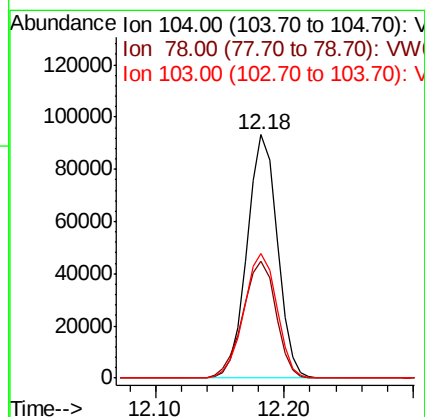
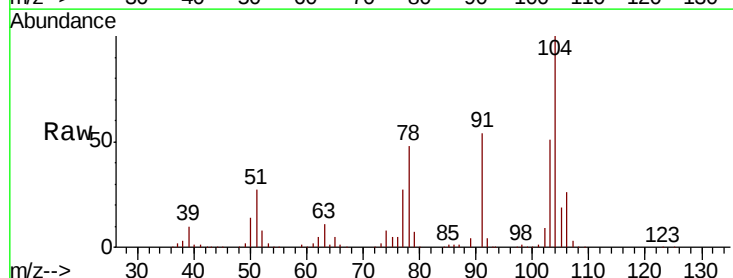
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

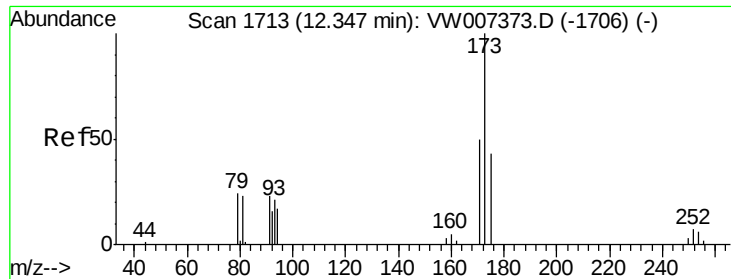
Tgt Ion:106 Resp: 90894
Ion Ratio Lower Upper
106 100
91 220.8 106.6 319.8



#70
Styrene
Concen: 58.299 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion:104 Resp: 150638
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 55.8 46.6 69.8

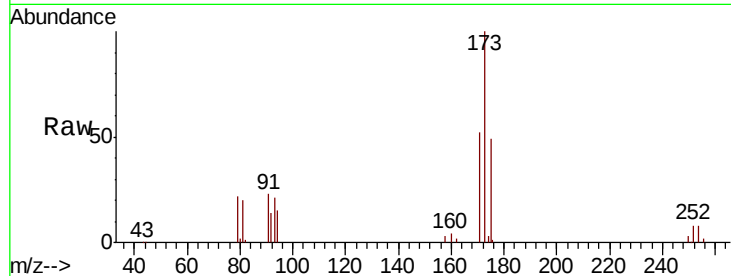




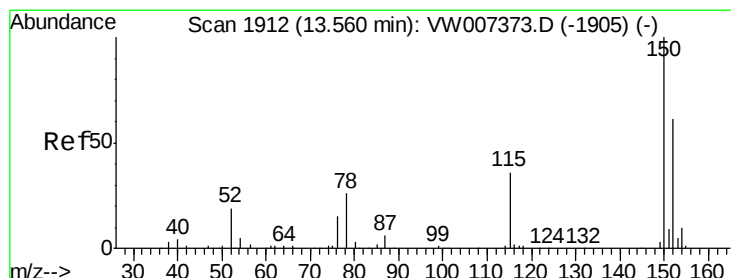
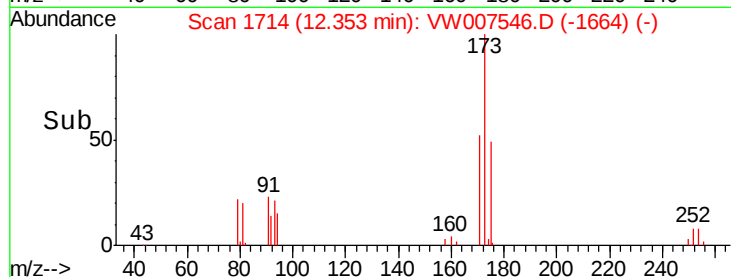
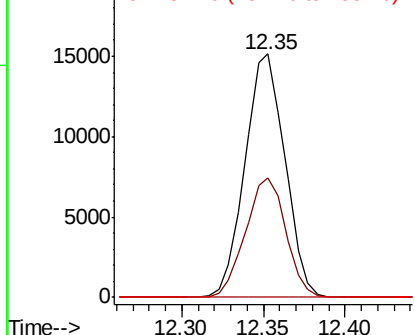
#71
Bromoform
Concen: 55.998 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 25870
Ion Ratio Lower Upper
173 100
175 49.6 23.6 70.8
254 0.0 0.0 0.0

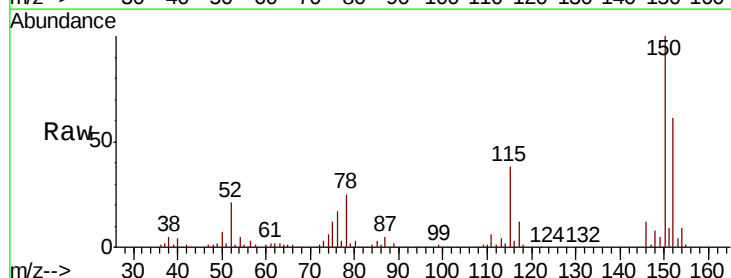


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

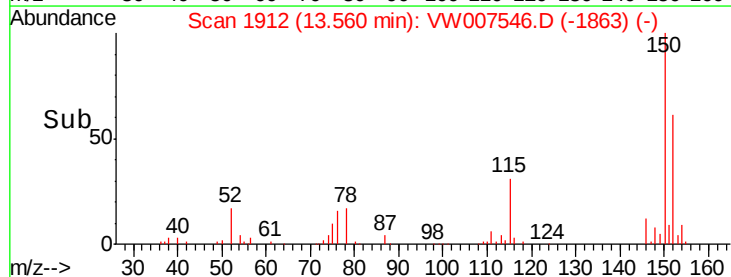
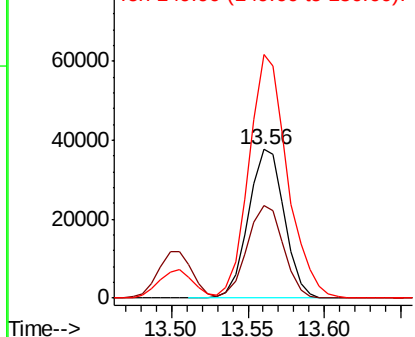


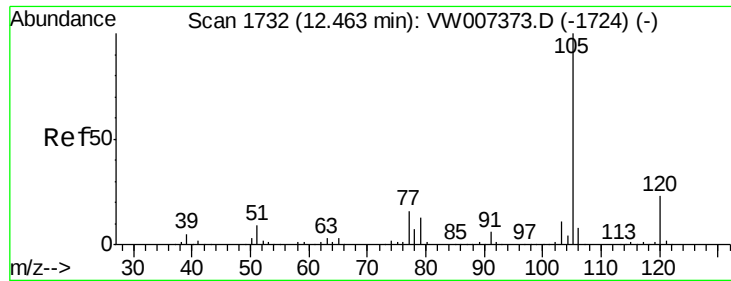
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion:152 Resp: 61480
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 175.6 0.0 358.4



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: 54.766 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

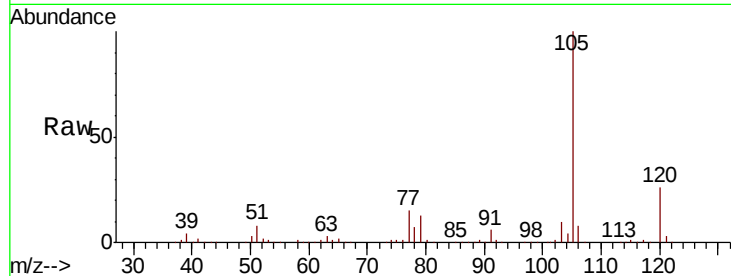
VSTDCCC050EC

Tgt Ion: 105 Resp: 257996

Ion Ratio Lower Upper

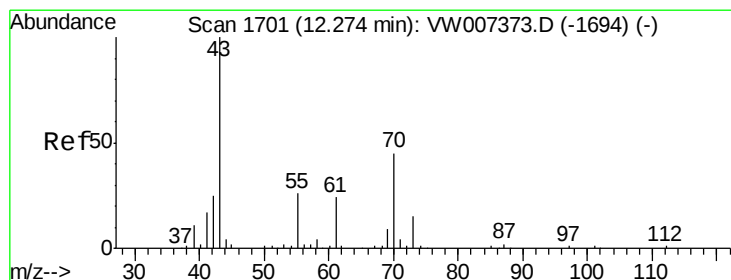
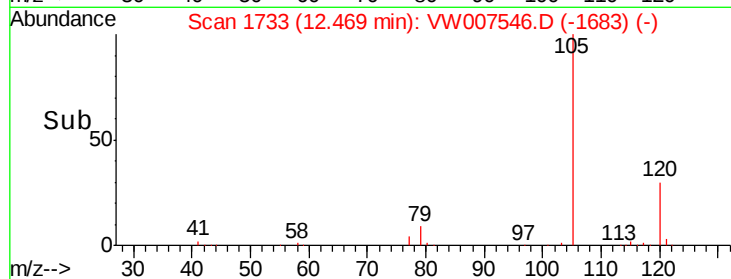
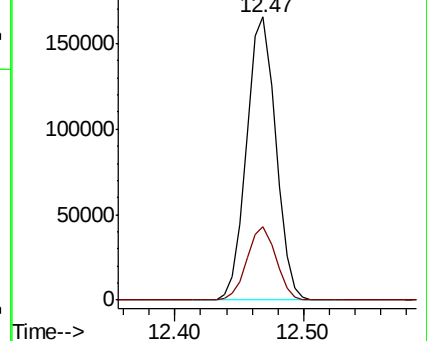
105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.268 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Tgt Ion: 43 Resp: 49886

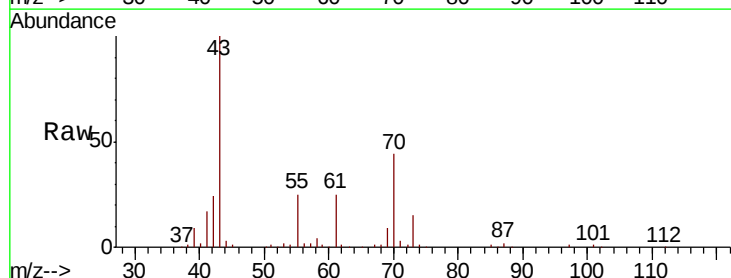
Ion Ratio Lower Upper

43 100

70 43.9 36.5 54.7

55 24.7 20.1 30.1

61 24.8 19.3 28.9

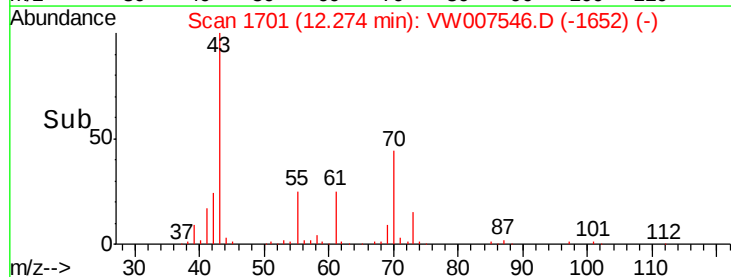
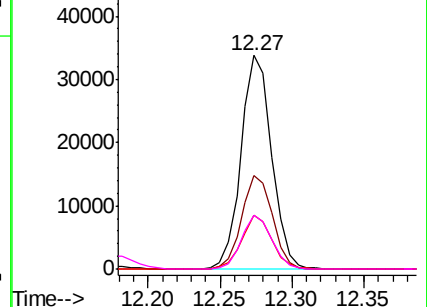


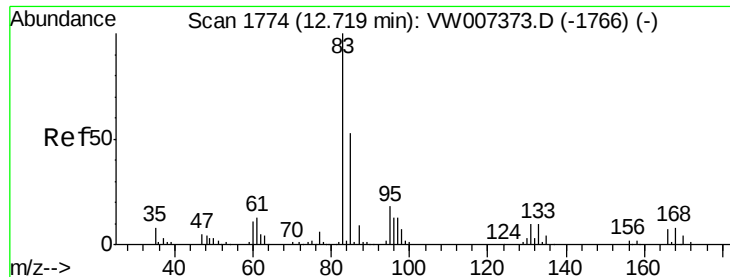
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

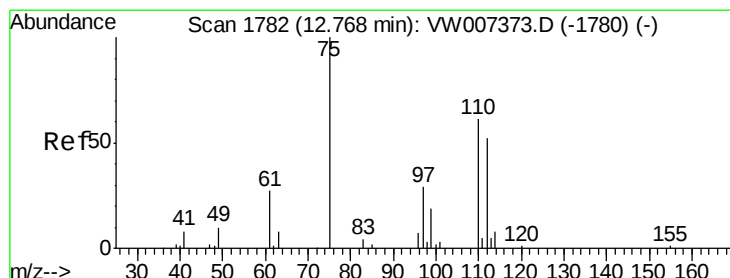
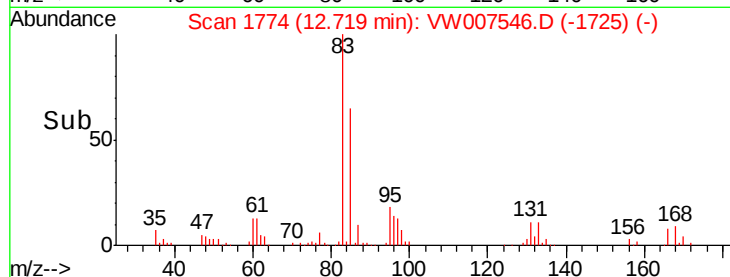
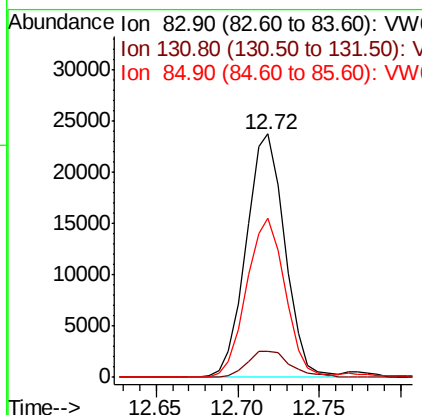
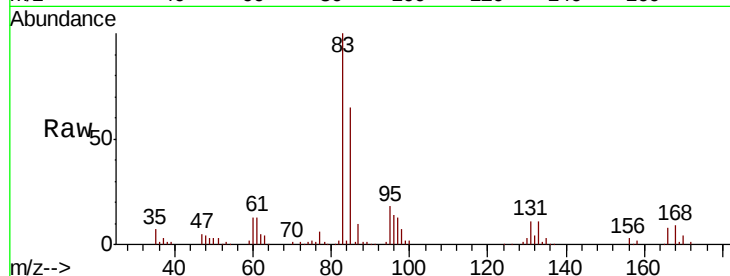




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.376 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

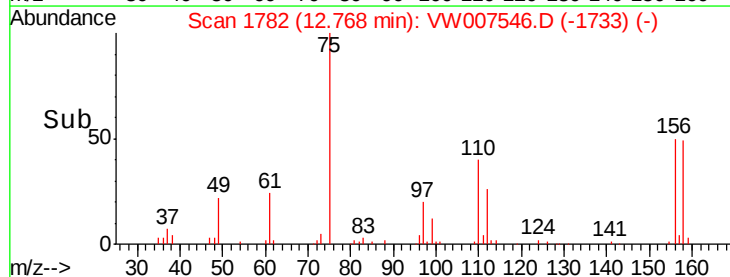
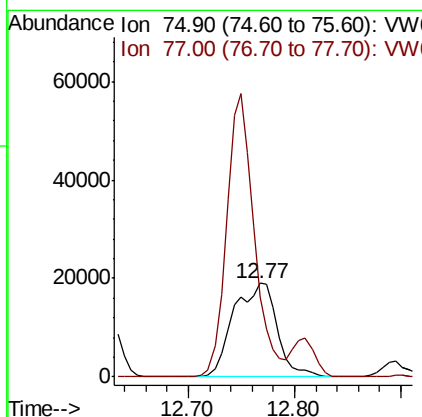
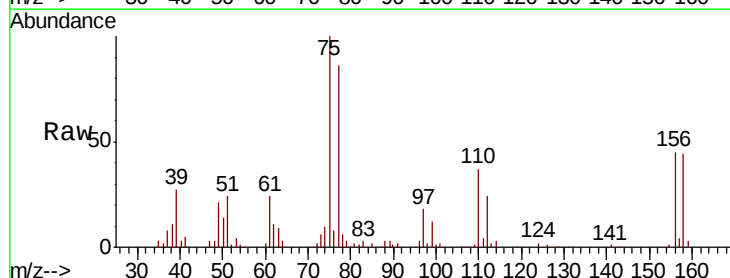
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

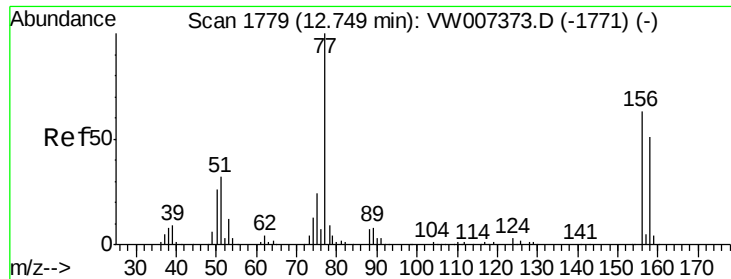
Tgt Ion: 83 Resp: 39335
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.9 17.8
 85 64.8 30.0 90.0



#76
 1,2,3-Trichloropropane
 Concen: 107.745 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion: 75 Resp: 54618
 Ion Ratio Lower Upper
 75 100
 77 191.8 166.9 500.8





#77

Bromobenzene

Concen: 54.397 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

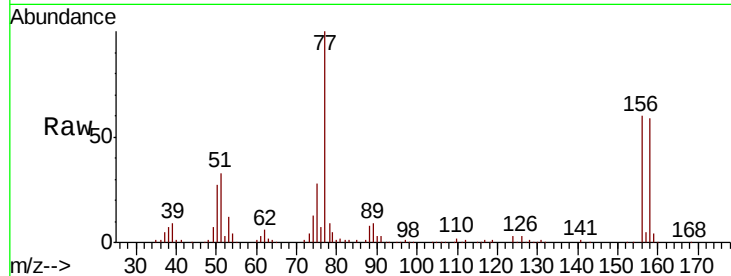
Tgt Ion:156 Resp: 56802

Ion Ratio Lower Upper

156 100

77 184.5 88.1 264.4

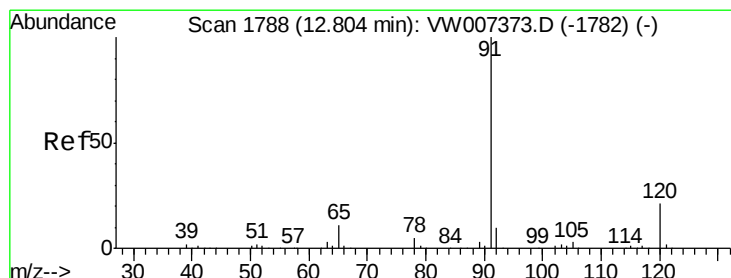
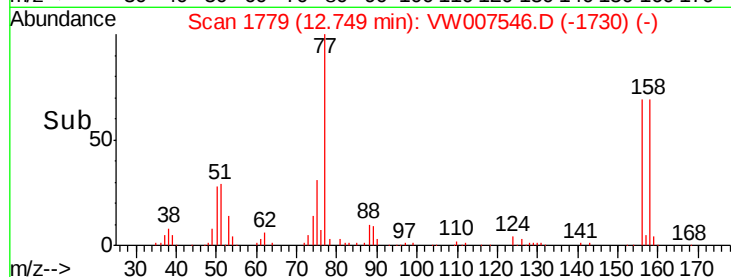
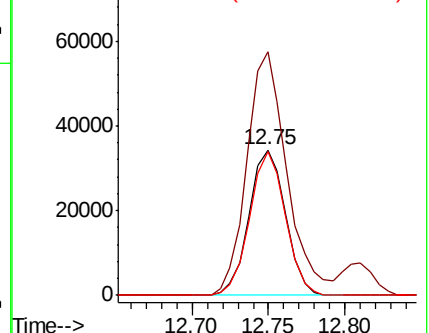
158 97.0 45.6 136.7



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: 56.526 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007546.D

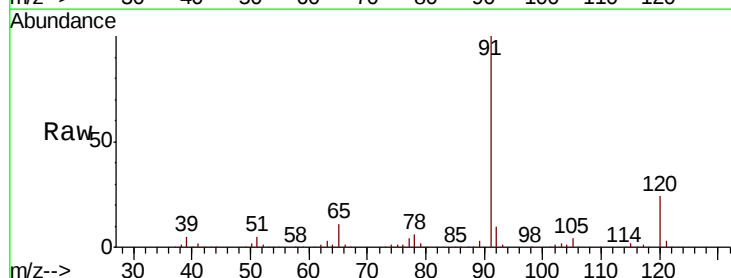
Acq: 14 Dec 2018 20:19

Tgt Ion: 91 Resp: 299677

Ion Ratio Lower Upper

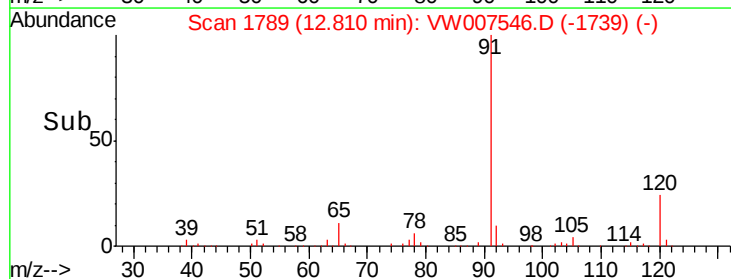
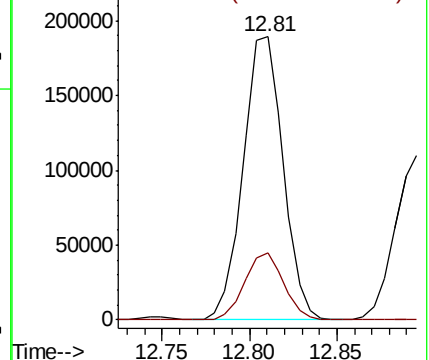
91 100

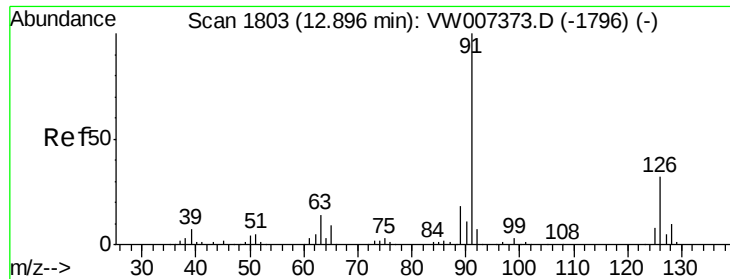
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

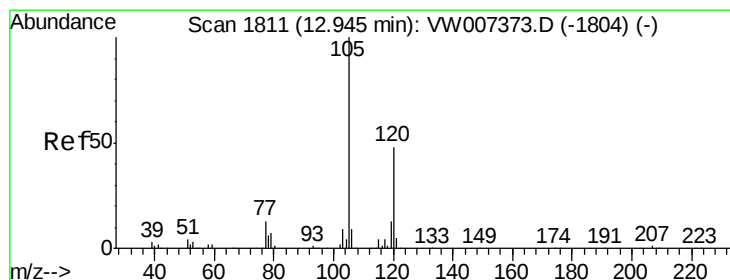
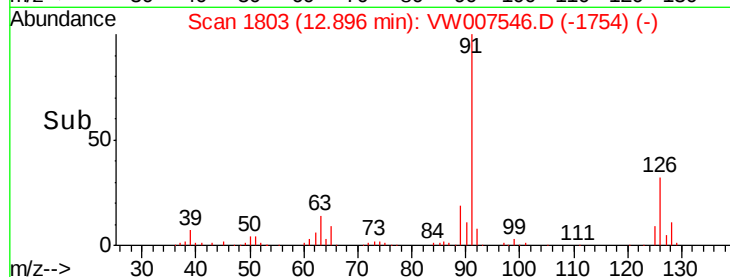
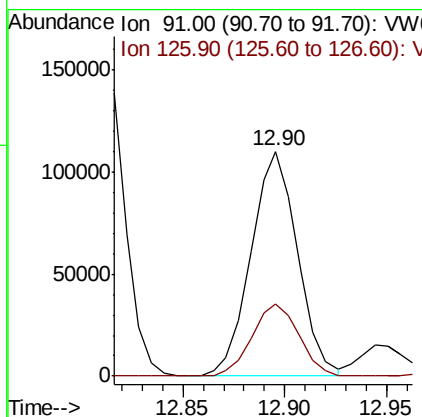
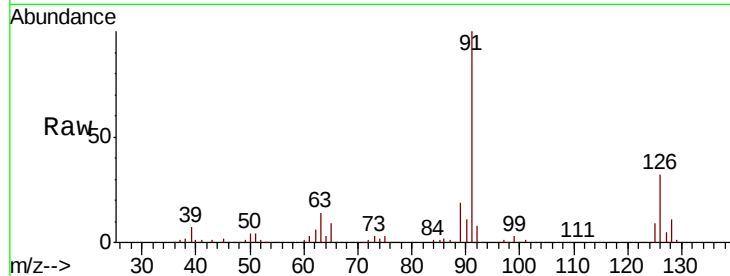




#79
2-Chlorotoluene
Concen: 54.435 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

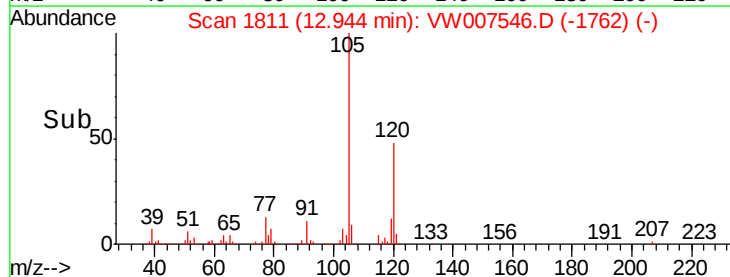
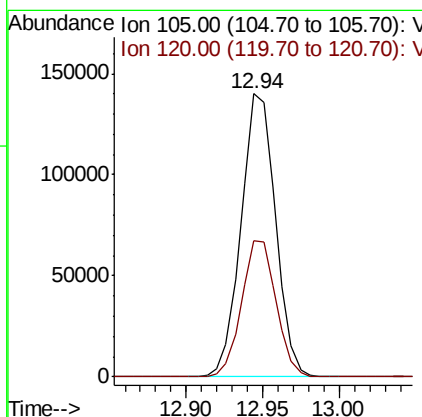
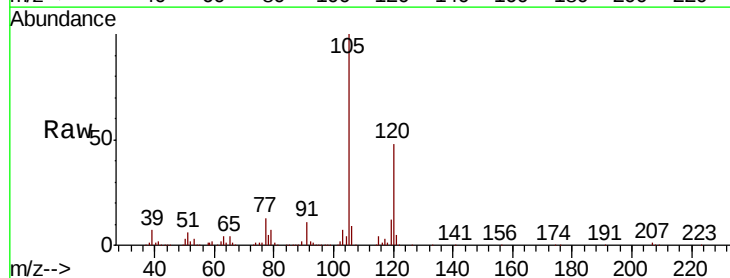
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

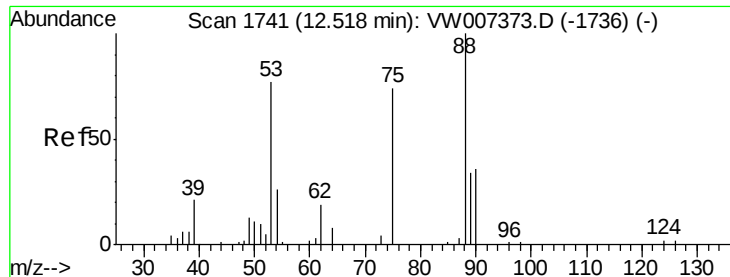
Tgt Ion: 91 Resp: 174623
Ion Ratio Lower Upper
91 100
126 32.7 15.9 47.6



#80
1,3,5-Trimethylbenzene
Concen: 55.381 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 105 Resp: 219214
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.4

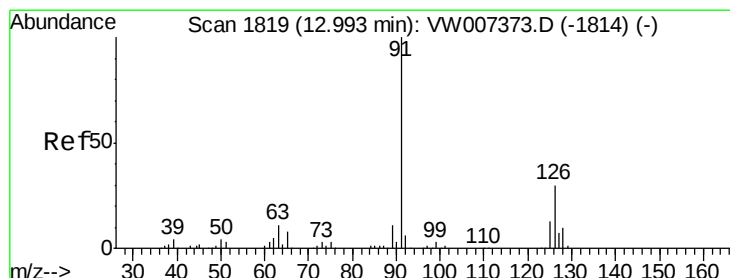
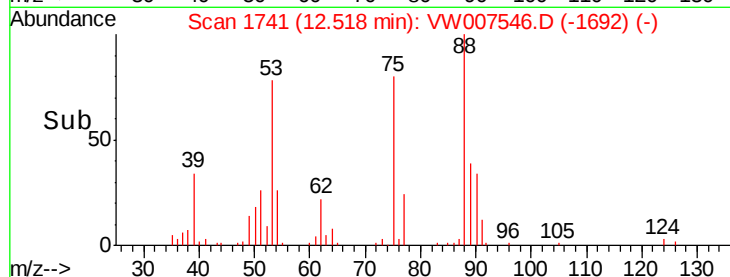
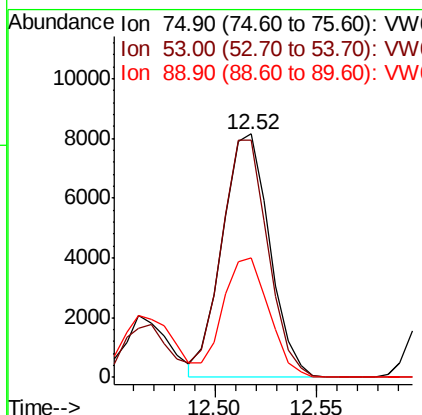
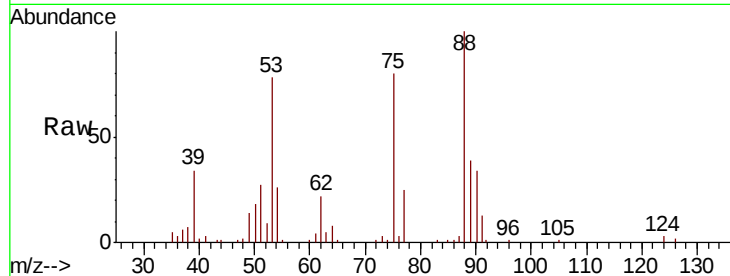




#81
trans-1,4-Dichloro-2-butene
Concen: 57.077 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

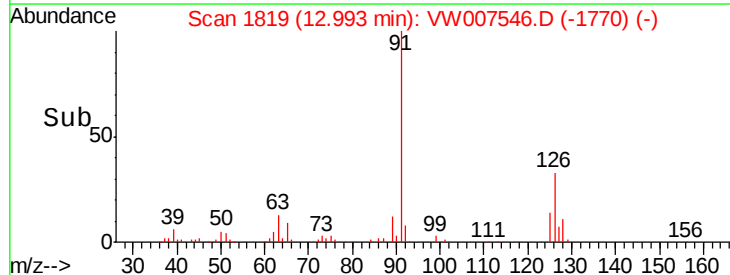
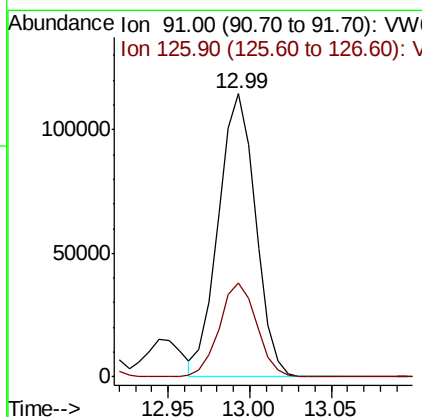
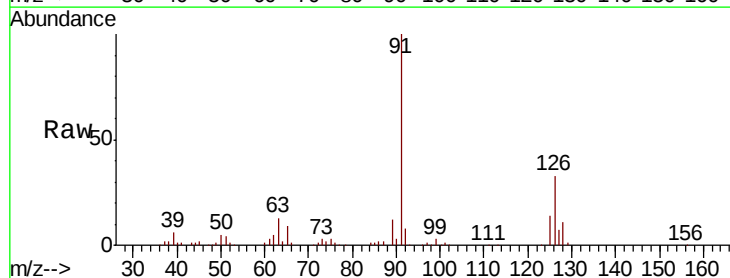
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

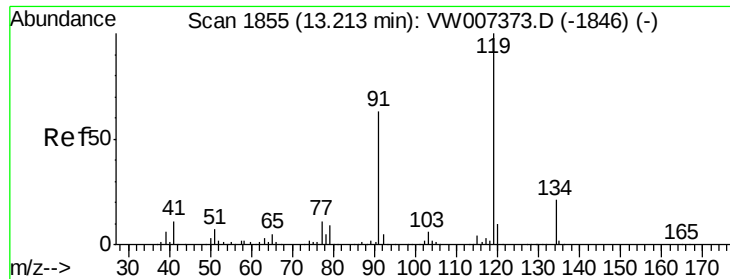
Tgt Ion: 75 Resp: 13098
Ion Ratio Lower Upper
75 100
53 95.5 84.9 127.3
89 46.9 40.3 60.5



#82
4-Chlorotoluene
Concen: 53.904 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion: 91 Resp: 182273
Ion Ratio Lower Upper
91 100
126 33.1 16.0 48.0

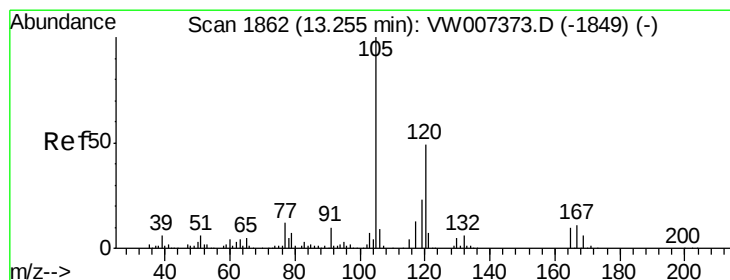
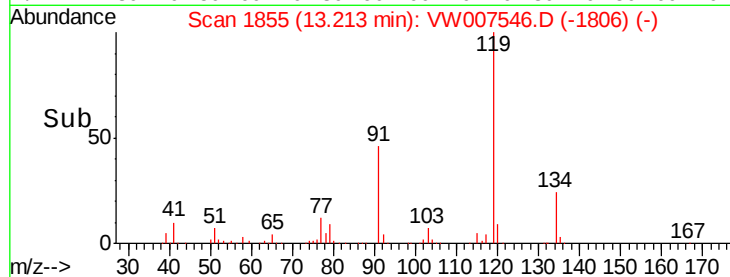
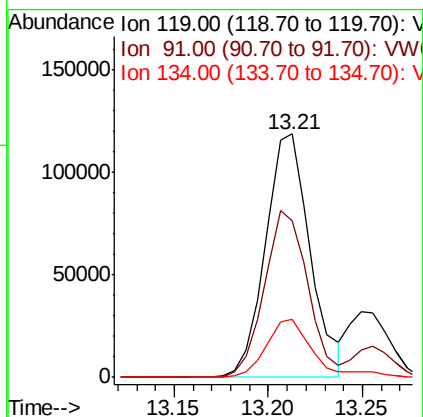
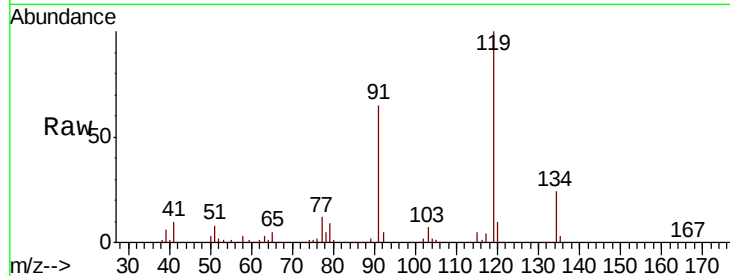




#83
 tert-Butylbenzene
 Concen: 56.062 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

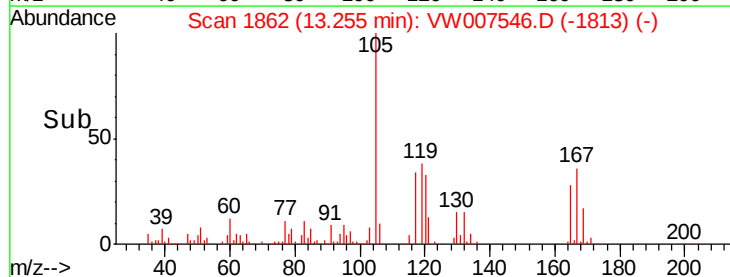
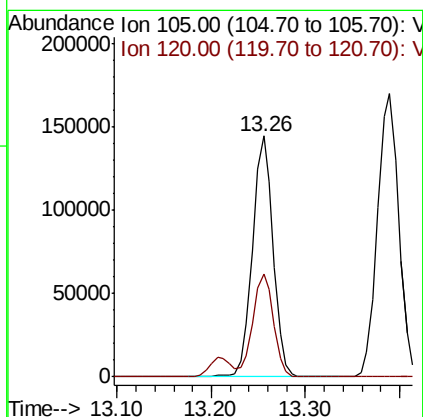
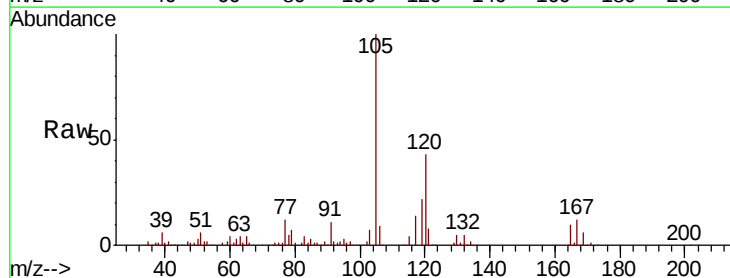
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

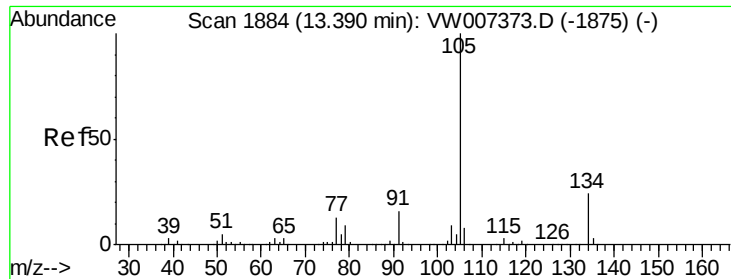
Tgt Ion:119 Resp: 195533
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.1 99.2
 134 25.0 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.848 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion:105 Resp: 223408
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.6 67.7

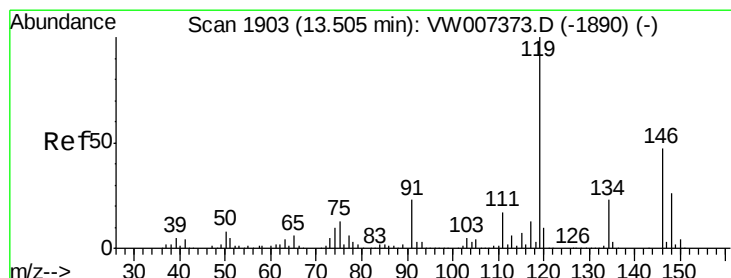
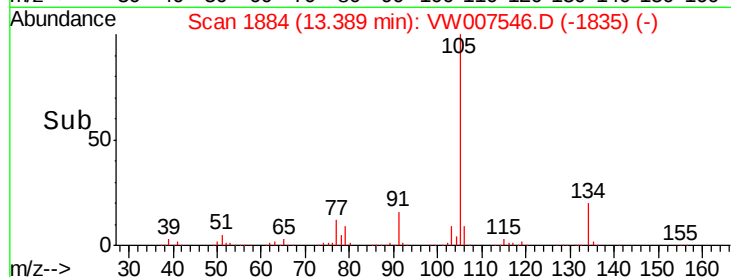
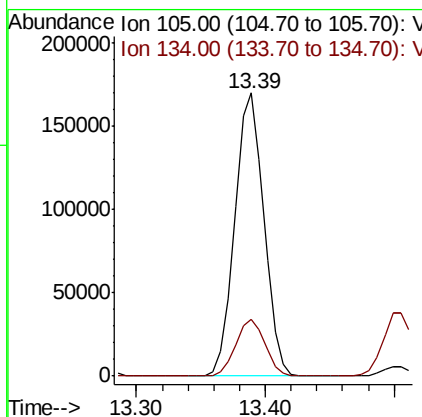
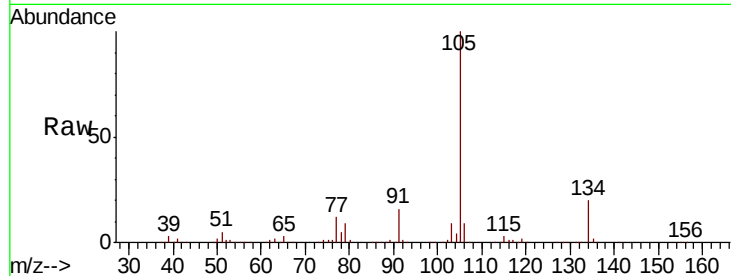




#85
 sec-Butylbenzene
 Concen: 56.015 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

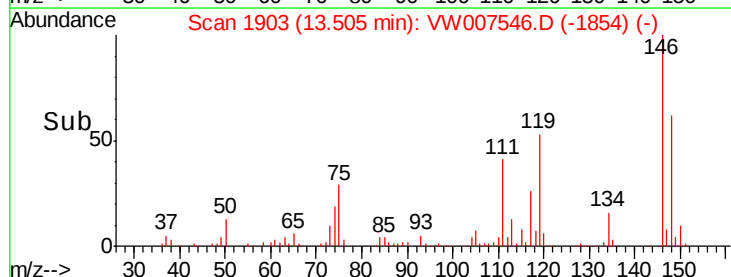
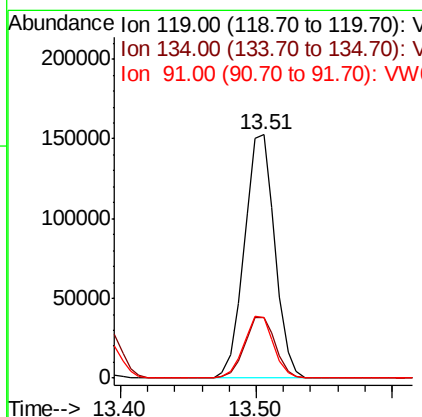
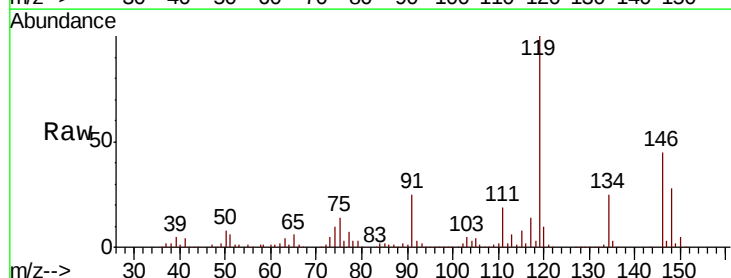
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

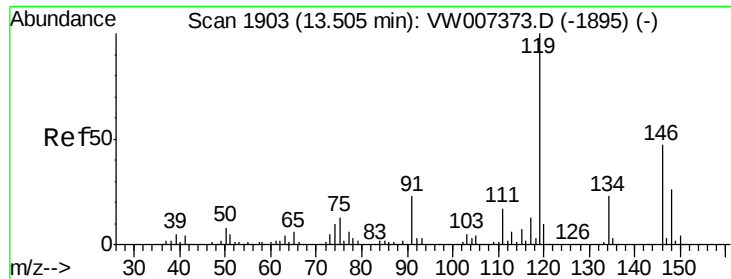
Tgt Ion:105 Resp: 266700
 Ion Ratio Lower Upper
 105 100
 134 20.1 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 55.658 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion:119 Resp: 238069
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 25.0 11.9 35.9

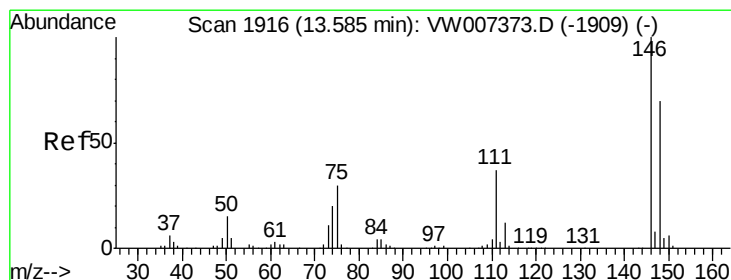
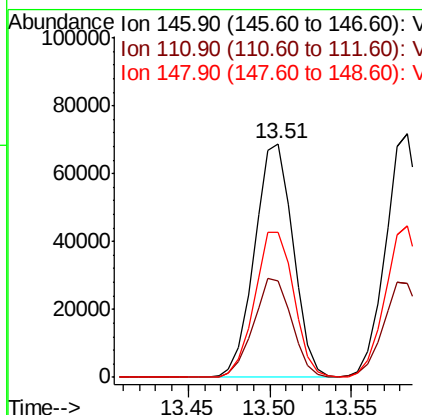
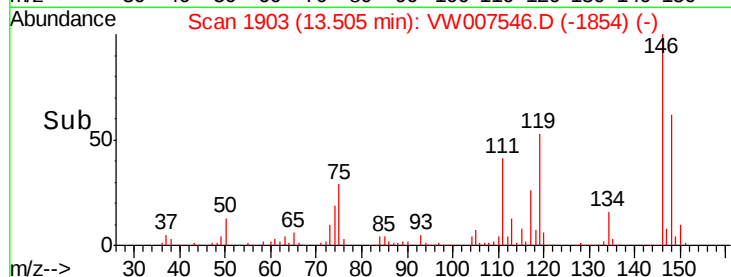
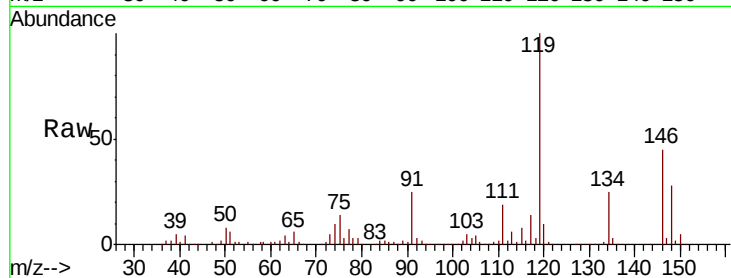




#87
 1,3-Dichlorobenzene
 Concen: 54.381 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

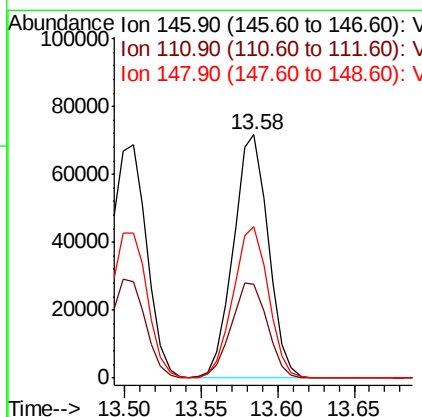
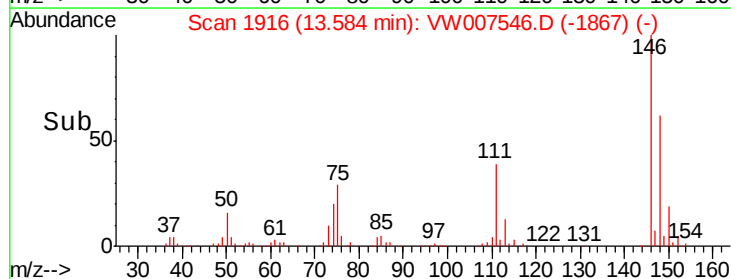
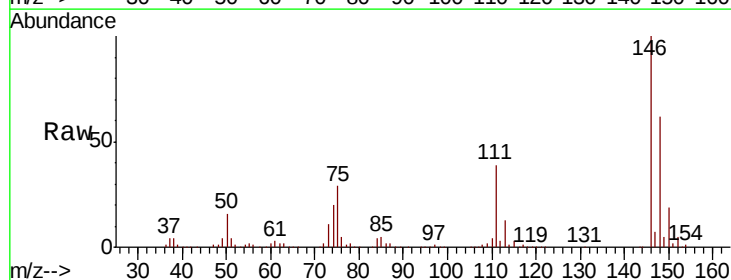
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

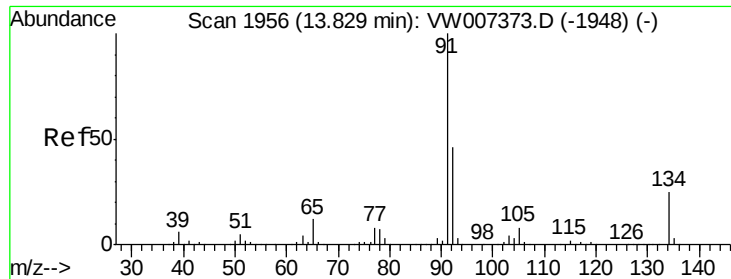
Tgt Ion:146 Resp: 113218
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.1 60.3
 148 63.3 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 54.200 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion:146 Resp: 113443
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 62.8 33.5 100.5





#89

n-Butylbenzene

Concen: 56.344 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

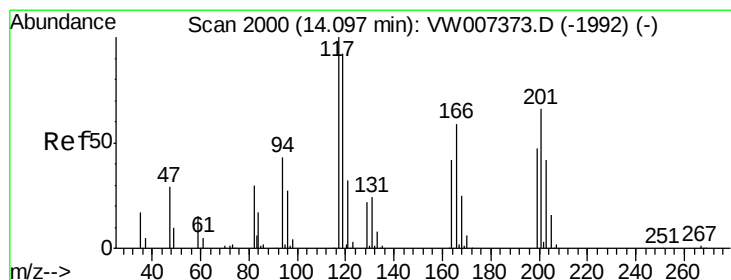
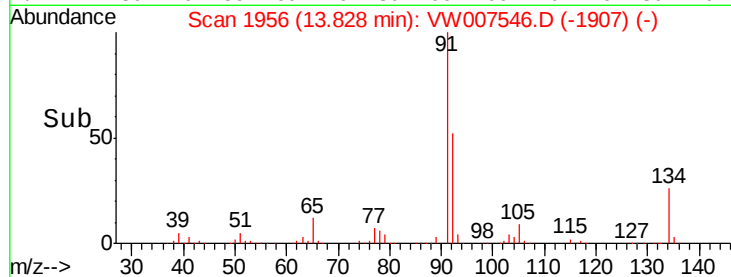
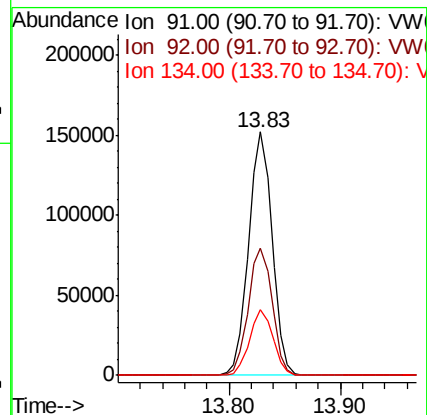
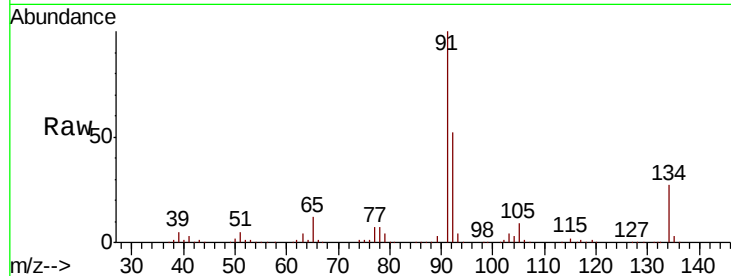
Tgt Ion: 91 Resp: 223421

Ion Ratio Lower Upper

91 100

92 53.1 25.7 77.1

134 26.9 13.4 40.2



#90

Hexachloroethane

Concen: 53.875 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007546.D

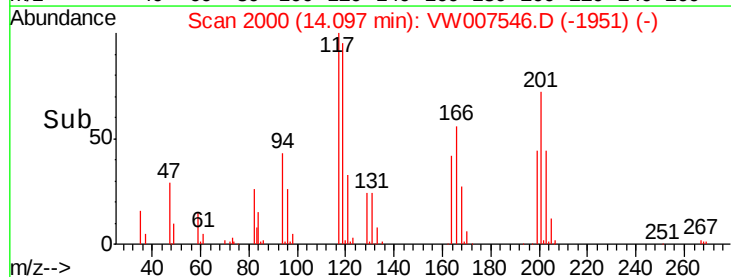
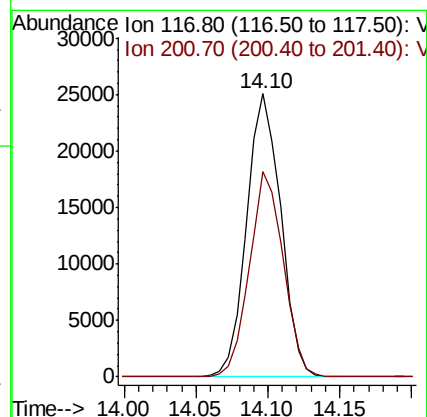
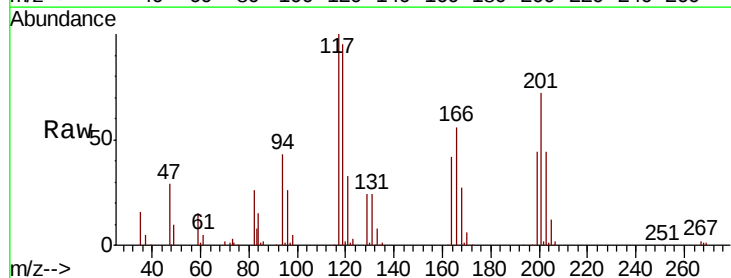
Acq: 14 Dec 2018 20:19

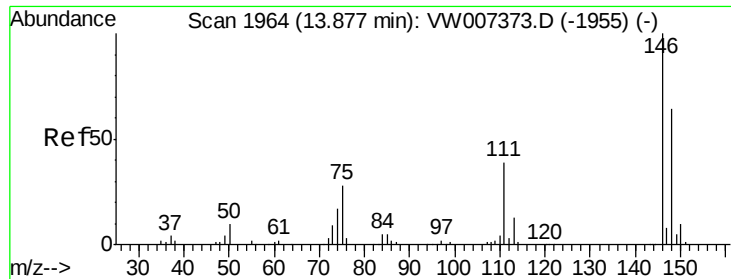
Tgt Ion: 117 Resp: 41003

Ion Ratio Lower Upper

117 100

201 71.8 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 54.516 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

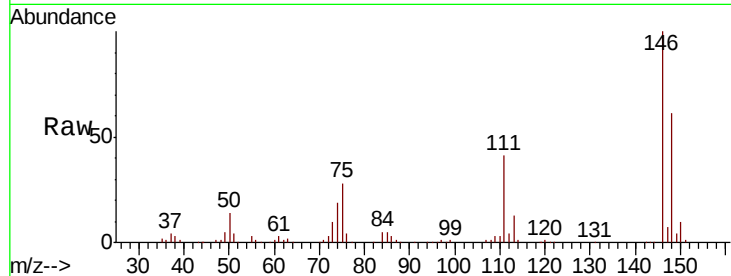
Tgt Ion:146 Resp: 101656

Ion Ratio Lower Upper

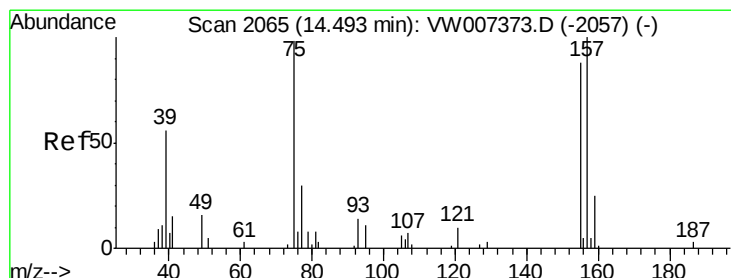
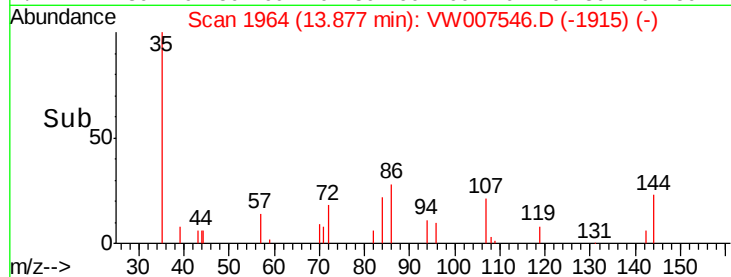
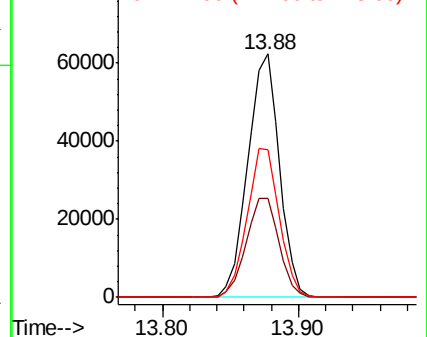
146 100

111 42.1 22.4 67.2

148 62.1 32.4 97.2



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: 54.478 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007546.D

Acq: 14 Dec 2018 20:19

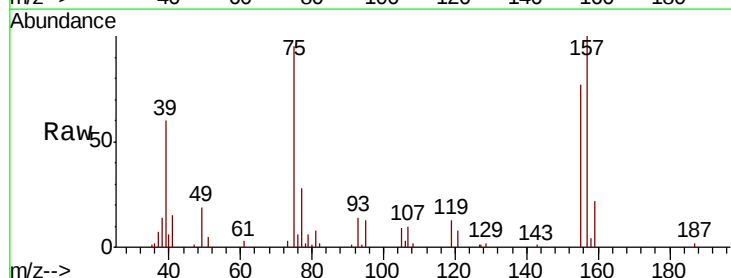
Tgt Ion: 75 Resp: 7628

Ion Ratio Lower Upper

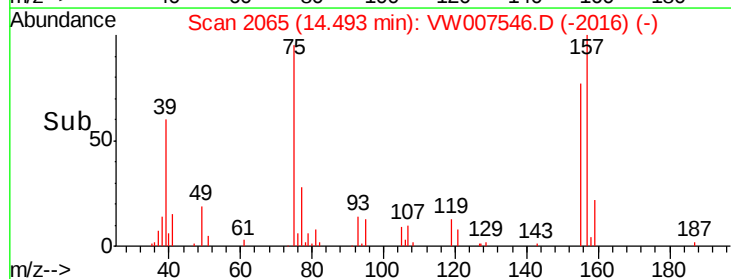
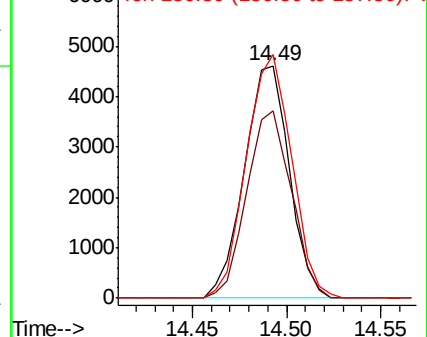
75 100

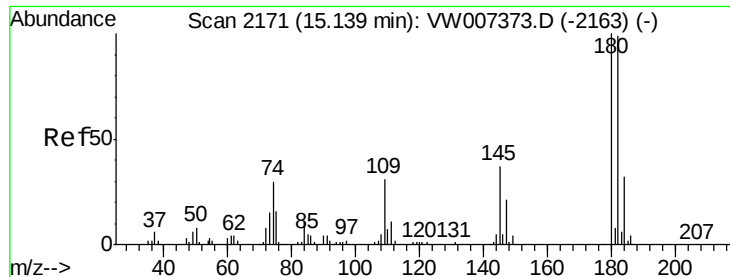
155 80.1 40.8 122.2

157 105.8 51.1 153.4



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

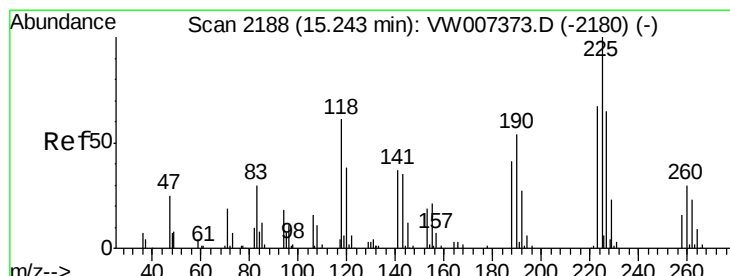
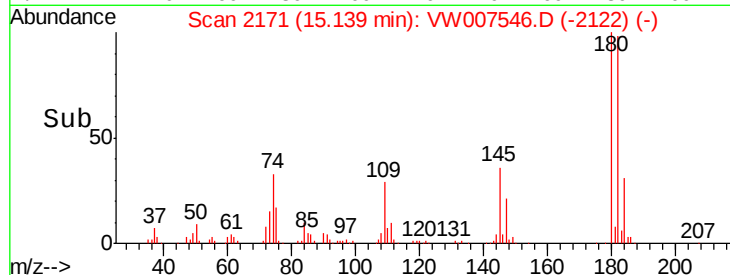
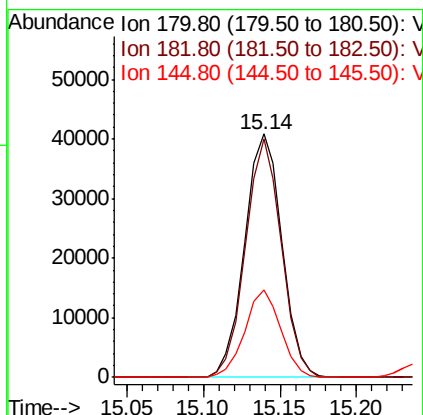
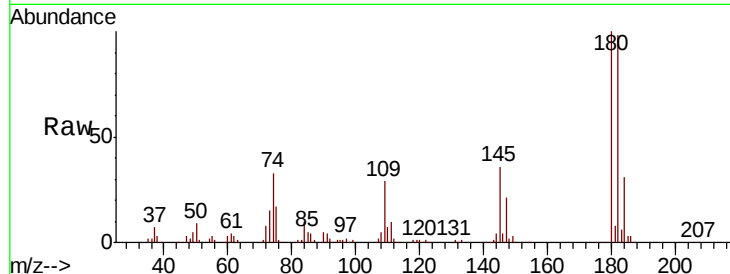




#93
 1,2,4-Trichlorobenzene
 Concen: 53.700 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

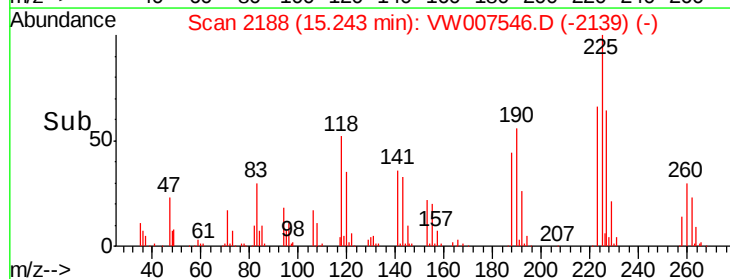
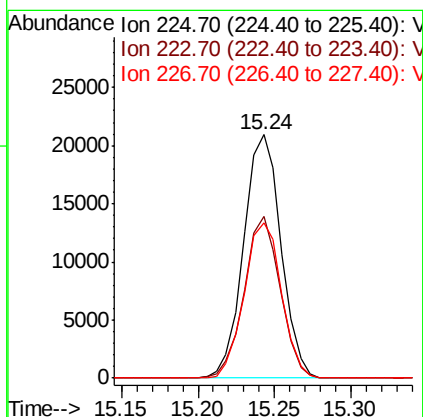
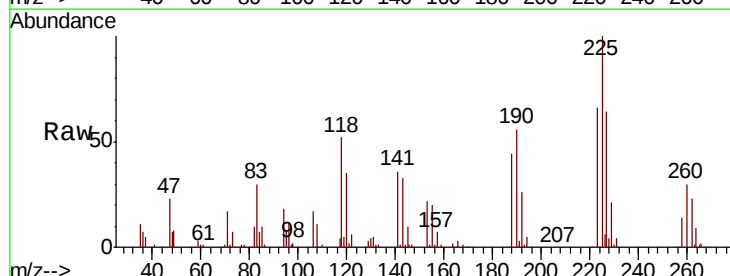
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

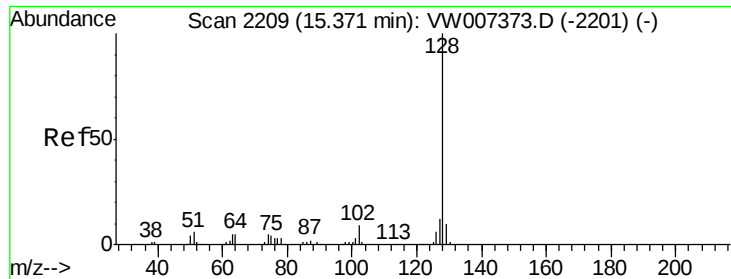
Tgt Ion:180 Resp: 68912
 Ion Ratio Lower Upper
 180 100
 182 94.3 49.9 149.6
 145 34.5 17.8 53.4



#94
 Hexachlorobutadiene
 Concen: 52.083 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007546.D
 Acq: 14 Dec 2018 20:19

Tgt Ion:225 Resp: 35463
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.1 96.3
 227 64.1 31.9 95.9

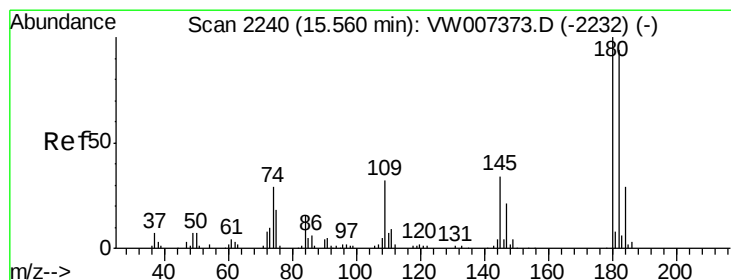
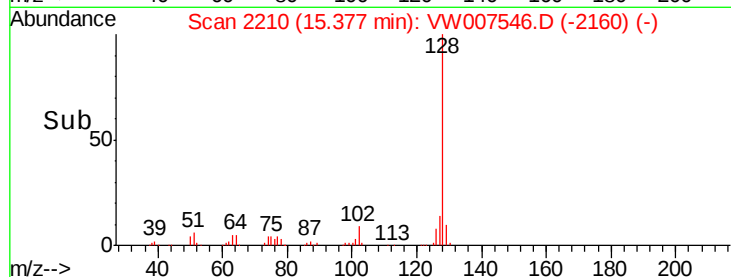
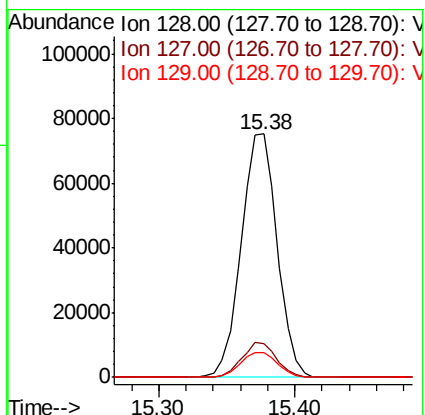
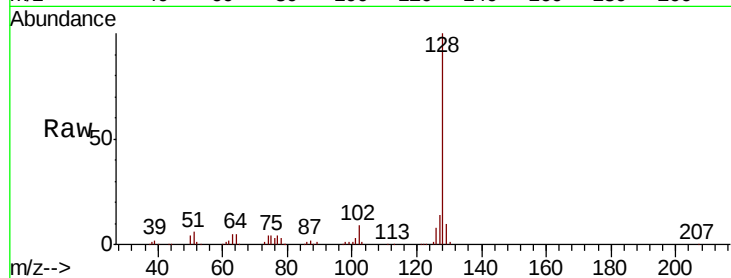




#95
Naphthalene
Concen: 56.565 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 138864
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 53.698 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007546.D
Acq: 14 Dec 2018 20:19

Tgt Ion:180 Resp: 59860
Ion Ratio Lower Upper
180 100
182 93.8 45.6 136.7
145 36.3 17.5 52.5

