

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021419\
 Data File : VW008659.D
 Acq On : 14 Feb 2019 11:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 15 02:46:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	415462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	603620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	536945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	274461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	212187	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.88	113	200266	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.32	98	779112	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.62	95	277831	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	138125	51.907	ug/l	95
3) Chloromethane	2.21	50	178399	46.506	ug/l	98
4) Vinyl Chloride	2.36	62	242650	48.155	ug/l	100
5) Bromomethane	2.78	94	185752	46.587	ug/l	97
6) Chloroethane	2.92	64	179963	47.997	ug/l	98
7) Trichlorofluoromethane	3.25	101	197328	50.280	ug/l	99
8) Diethyl Ether	3.67	74	108109	46.161	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	214190	51.644	ug/l	98
10) Methyl Iodide	4.26	142	323818	50.024	ug/l	100
11) Tert butyl alcohol	5.18	59	66260	191.734	ug/l	97
12) 1,1-Dichloroethene	4.03	96	206485	50.909	ug/l	99
13) Acrolein	3.89	56	103965	291.993	ug/l	97
14) Allyl chloride	4.65	41	340461	50.523	ug/l	99
15) Acrylonitrile	5.36	53	220799	223.987	ug/l	99
16) Acetone	4.12	43	233669	237.738	ug/l	100
17) Carbon Disulfide	4.37	76	625926	51.137	ug/l	99
18) Methyl Acetate	4.66	43	94941	42.271	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	322014	45.225	ug/l	98
20) Methylene Chloride	4.90	84	212389	48.884	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	220083	49.547	ug/l	100
22) Diisopropyl ether	6.31	45	641502	47.298	ug/l	96
23) Vinyl Acetate	6.25	43	2022767	229.793	ug/l	100
24) 1,1-Dichloroethane	6.21	63	379416	48.479	ug/l	99
25) 2-Butanone	7.17	43	309633	223.098	ug/l	99
26) 2,2-Dichloropropane	7.16	77	255765	52.312	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	230580	48.006	ug/l	98
28) Bromochloromethane	7.51	49	161879	48.997	ug/l	98
29) Tetrahydrofuran	7.52	42	191021	208.817	ug/l	99
30) Chloroform	7.67	83	380525	48.524	ug/l	96
31) Cyclohexane	7.95	56	378494	47.914	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	336375	50.789	ug/l	99
36) 1,1-Dichloropropene	8.07	75	323803	53.394	ug/l	99
37) Ethyl Acetate	7.24	43	133801	45.738	ug/l	100
38) Carbon Tetrachloride	8.06	117	325017	53.897	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	405793	52.903	ug/l	97
40) Benzene	8.32	78	854824	51.612	ug/l	100
41) Methacrylonitrile	7.48	41	84945	51.609	ug/l	97
42) 1,2-Dichloroethane	8.40	62	253303	49.306	ug/l	100
43) Isopropyl Acetate	8.42	43	270313	46.340	ug/l	98
44) Trichloroethene	9.09	130	243638	53.054	ug/l	97
45) 1,2-Dichloropropane	9.37	63	203865	49.736	ug/l	99
46) Dibromomethane	9.45	93	108617	48.104	ug/l	97
47) Bromodichloromethane	9.64	83	279644	51.533	ug/l	99
48) Methyl methacrylate	9.43	41	127159	47.038	ug/l	99
49) 1,4-Dioxane	9.45	88	31146	864.155	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	678754	226.517	ug/l	99
52) Toluene	10.38	92	549553	51.433	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	286557	50.266	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	329523	50.991	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	147689	47.670	ug/l	98
56) Ethyl methacrylate	10.65	69	195658	47.560	ug/l	100
57) 1,3-Dichloropropane	10.93	76	266877	48.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	478912	242.673	ug/l	100
59) 2-Hexanone	10.97	43	489856	232.708	ug/l	99
60) Dibromochloromethane	11.13	129	182108	49.125	ug/l	98
61) 1,2-Dibromoethane	11.23	107	148188	48.579	ug/l	99
64) Tetrachloroethene	10.86	164	205778	51.536	ug/l	97
65) Chlorobenzene	11.66	112	594744	51.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	207980	50.729	ug/l	99
67) Ethyl Benzene	11.73	91	1081845	52.478	ug/l	99
68) m/p-Xylenes	11.84	106	828270	103.260	ug/l	99
69) o-Xylene	12.16	106	388716	51.268	ug/l	100
70) Styrene	12.18	104	627735	50.689	ug/l	99
71) Bromoform	12.35	173	104735	47.412	ug/l	99
73) Isopropylbenzene	12.46	105	1098150	53.715	ug/l	100
74) N-amyl acetate	12.27	43	261027	47.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	175566	49.358	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	239420	88.341	ug/l #	100
77) Bromobenzene	12.75	156	245208	52.178	ug/l	98
78) n-propylbenzene	12.80	91	1325892	54.583	ug/l	100
79) 2-Chlorotoluene	12.90	91	726786	52.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	901959	53.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	54737	44.806	ug/l	100
82) 4-Chlorotoluene	12.99	91	765413	52.609	ug/l	99
83) tert-Butylbenzene	13.21	119	794996	53.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	925346	53.019	ug/l	100
85) sec-Butylbenzene	13.38	105	1161748	54.111	ug/l	100
86) p-Isopropyltoluene	13.50	119	1027083	53.475	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	494239	51.879	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	486681	51.835	ug/l	100
89) n-Butylbenzene	13.83	91	981781	53.791	ug/l	100
90) Hexachloroethane	14.10	117	187219	55.793	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	429925	50.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29538	47.787	ug/l	98

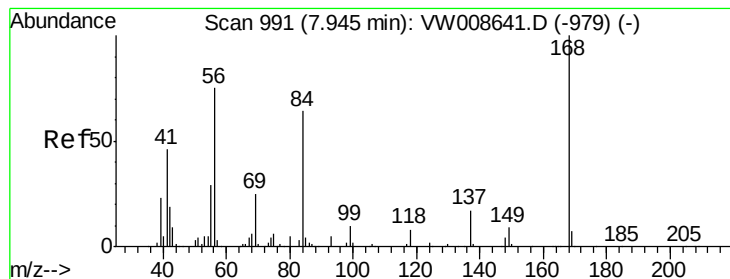
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QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	308338	51.319	ug/l	99
94) Hexachlorobutadiene	15.24	225	191485	54.750	ug/l	99
95) Naphthalene	15.37	128	538966	50.056	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	262056	50.827	ug/l	99

(#) = 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. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

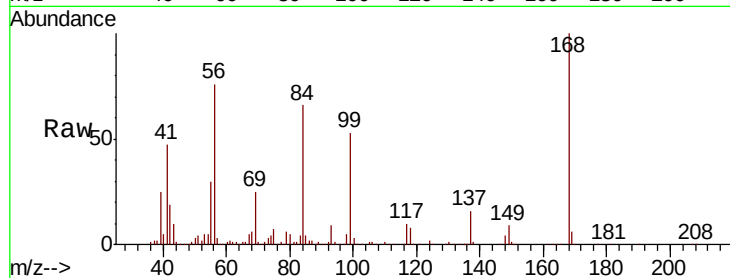
VSTDCCC050

Tgt Ion:168 Resp: 415462

Ion Ratio Lower Upper

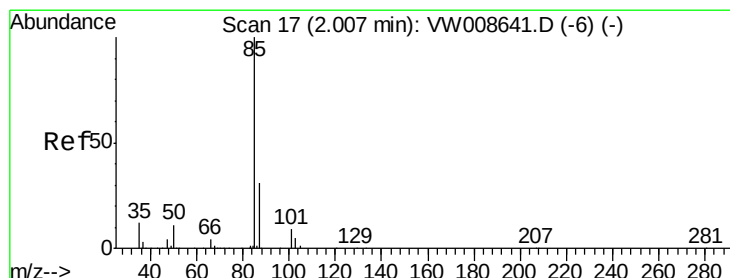
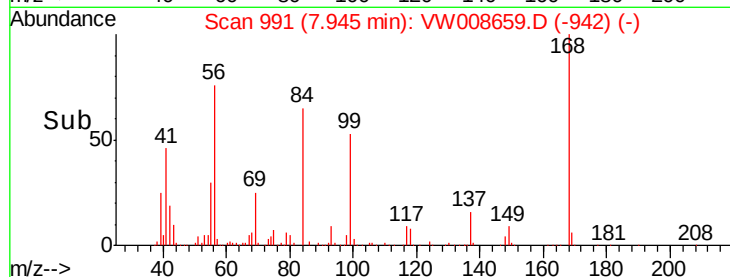
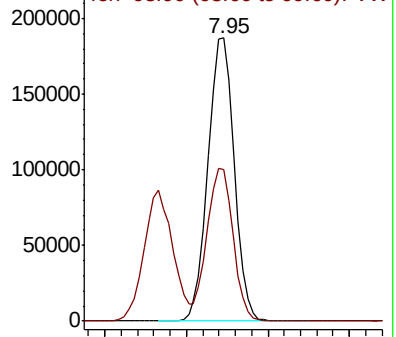
168 100

99 53.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.907 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008659.D

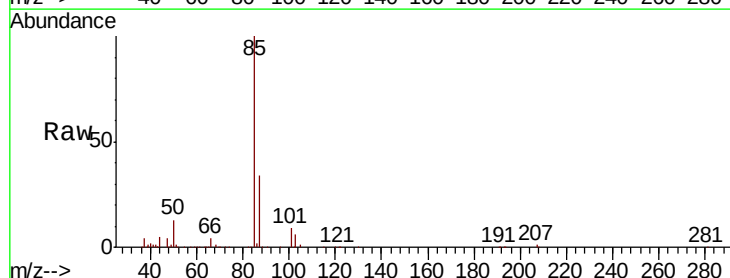
Acq: 14 Feb 2019 11:48

Tgt Ion: 85 Resp: 138125

Ion Ratio Lower Upper

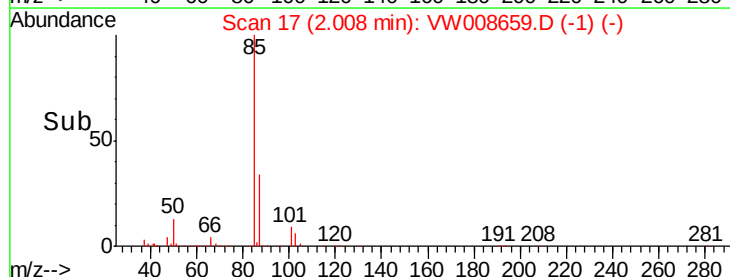
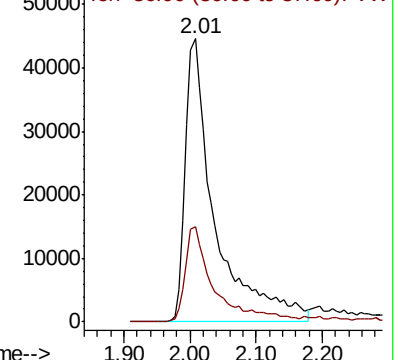
85 100

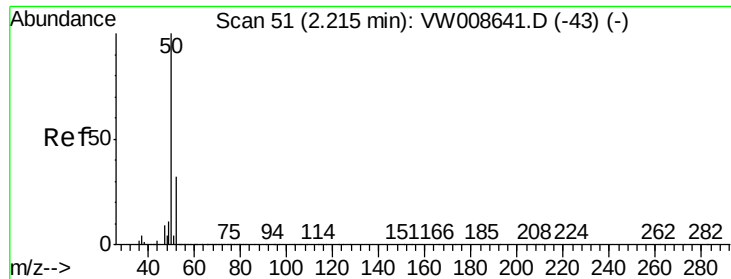
87 33.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.506 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

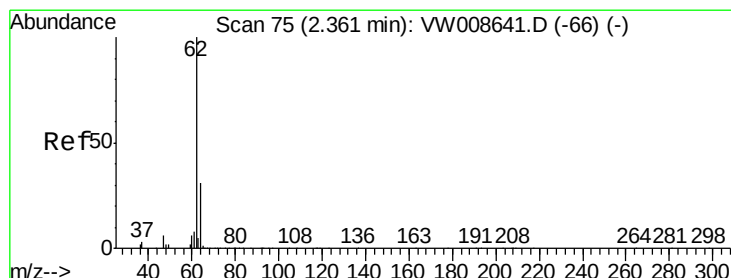
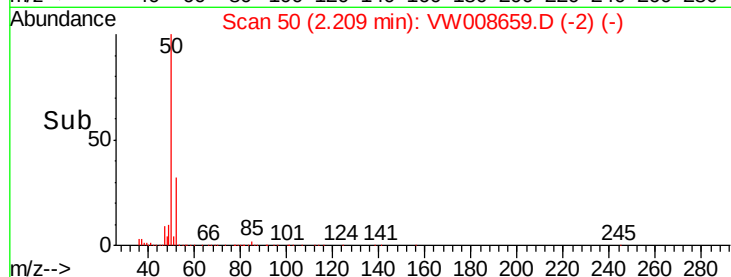
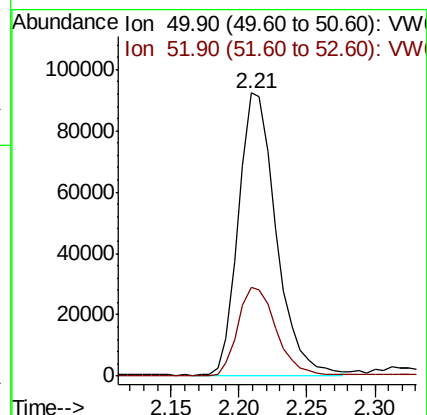
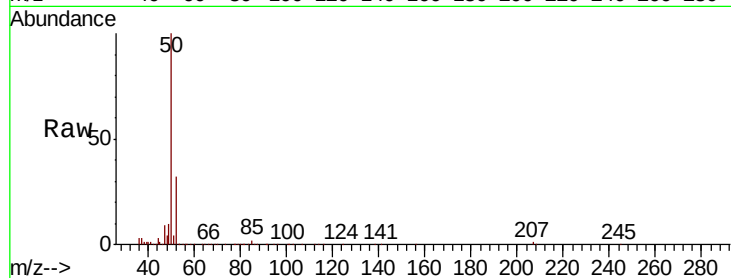
VSTDCCC050

Tgt Ion: 50 Resp: 178399

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



#4

Vinyl Chloride

Concen: 48.155 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW008659.D

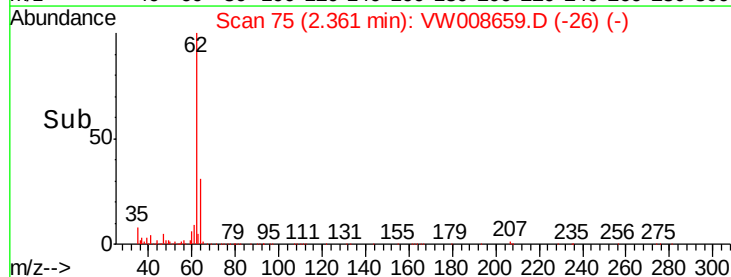
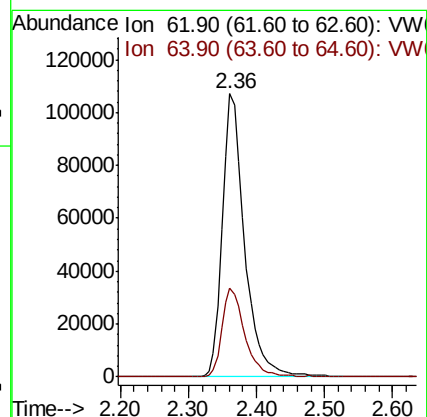
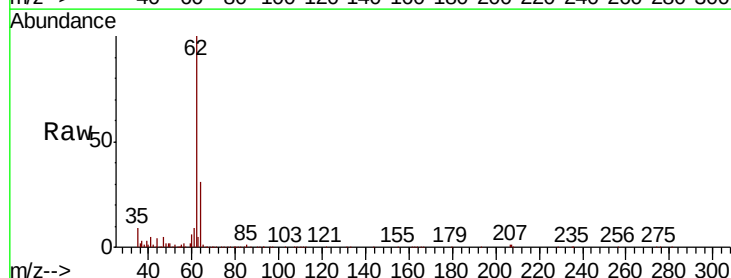
Acq: 14 Feb 2019 11:48

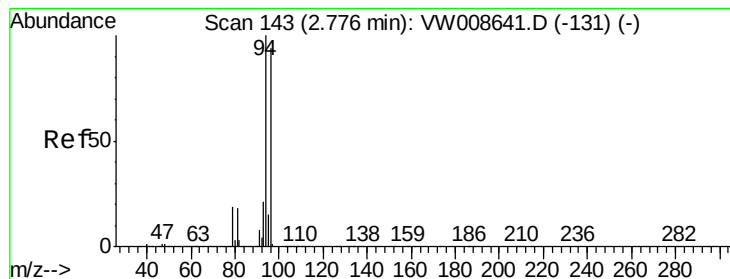
Tgt Ion: 62 Resp: 242650

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 46.587 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

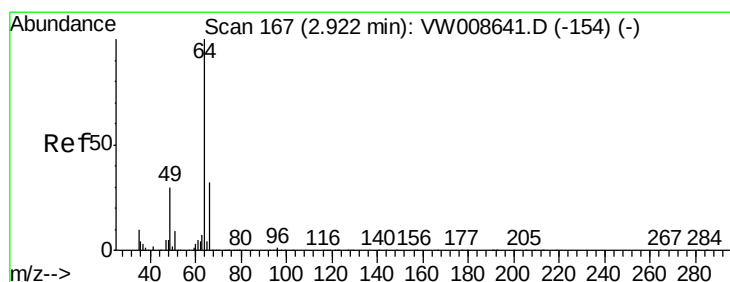
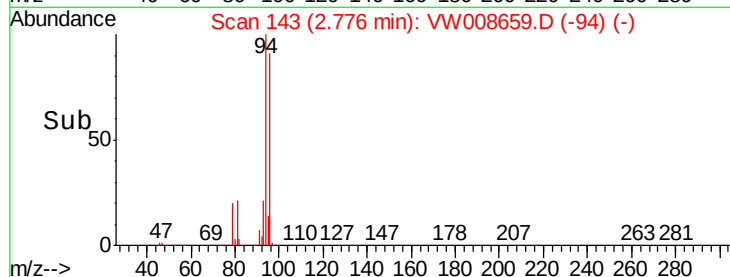
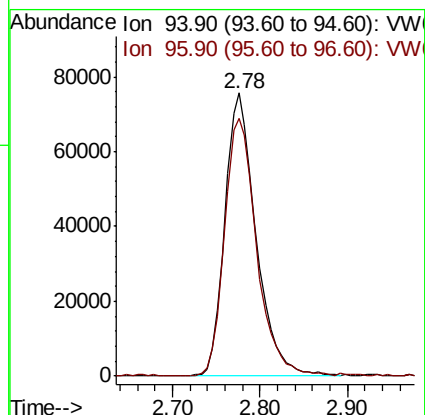
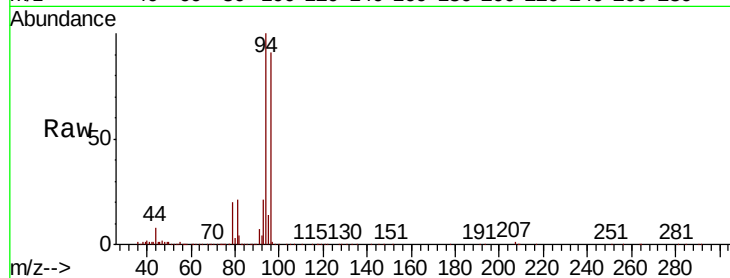
VSTDCCC050

Tgt Ion: 94 Resp: 185752

Ion Ratio Lower Upper

94 100

96 91.1 75.5 113.3



#6

Chloroethane

Concen: 47.997 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW008659.D

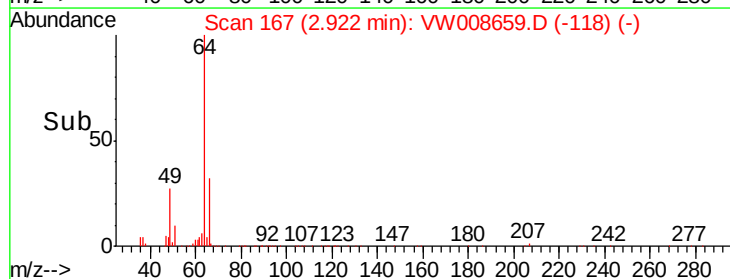
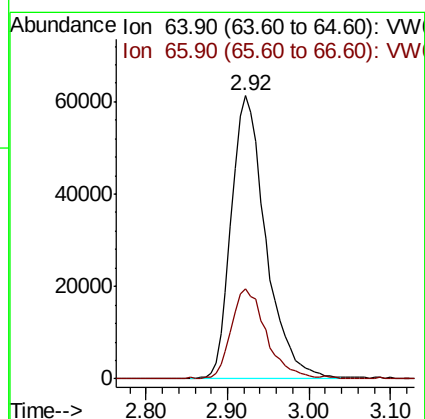
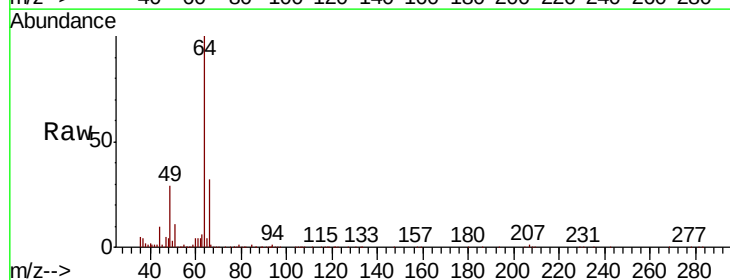
Acq: 14 Feb 2019 11:48

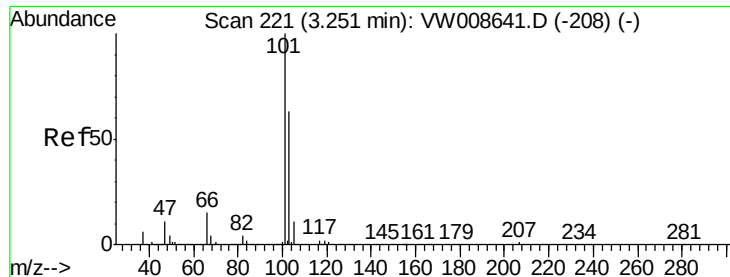
Tgt Ion: 64 Resp: 179963

Ion Ratio Lower Upper

64 100

66 31.5 26.2 39.4



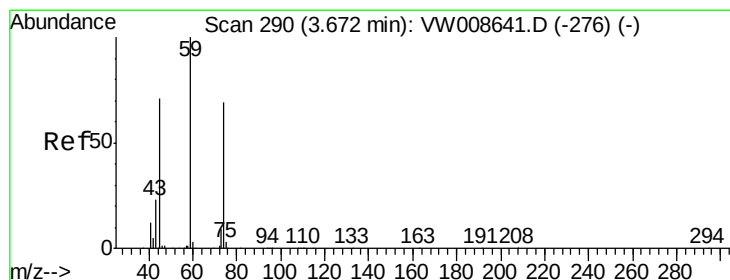
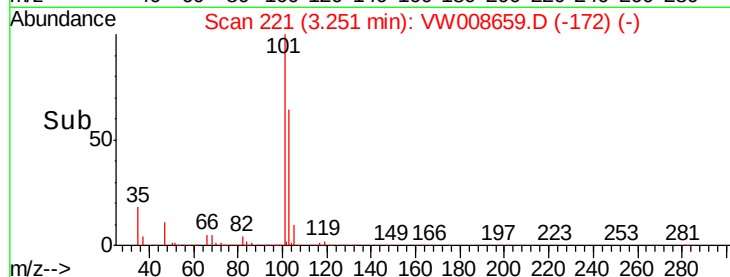
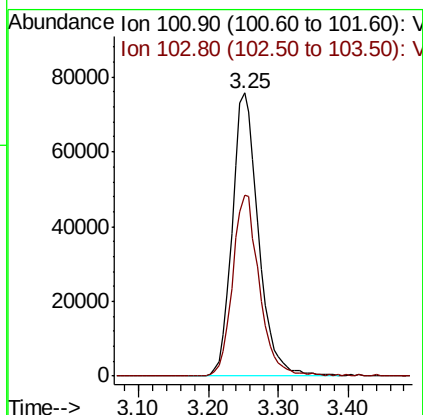
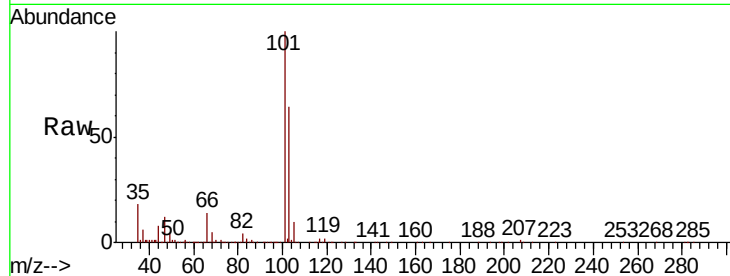


#7

Trichlorofluoromethane
 Concen: 50.280 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Instrument :
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 ClientSampleId :
 VSTDCCC050

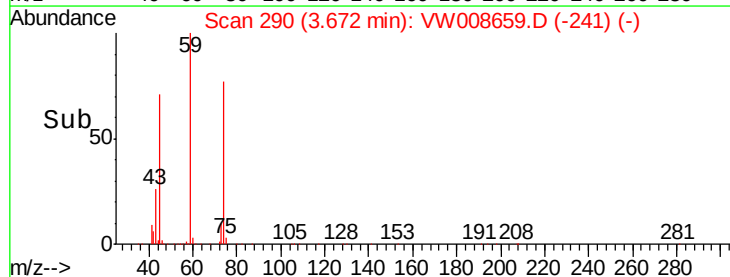
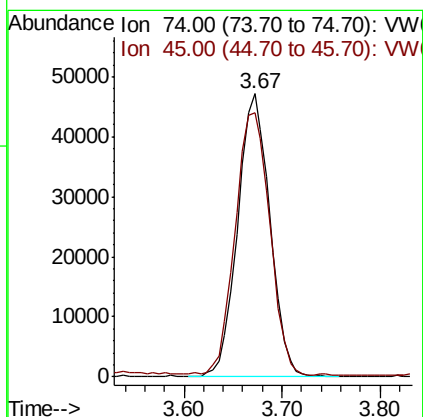
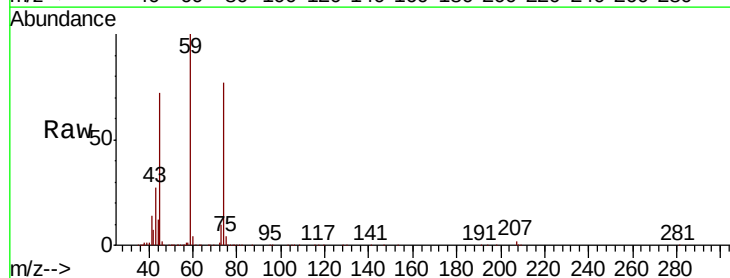
Tgt Ion:101 Resp: 197328
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

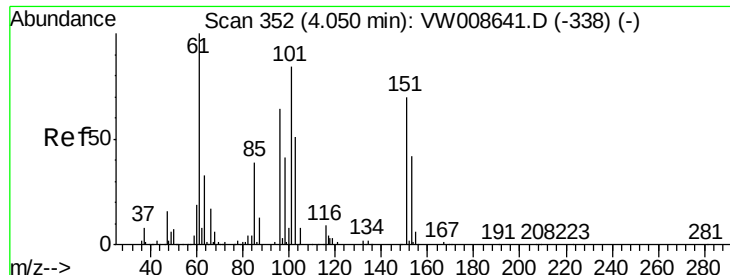


#8

Diethyl Ether
 Concen: 46.161 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion: 74 Resp: 108109
 Ion Ratio Lower Upper
 74 100
 45 100.1 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.644 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

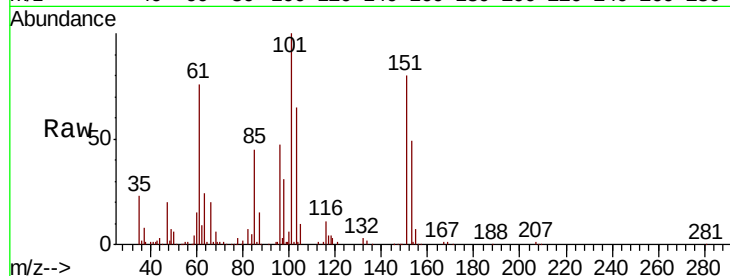
Tgt Ion:101 Resp: 214190

Ion Ratio Lower Upper

101 100

85 44.5 34.3 51.5

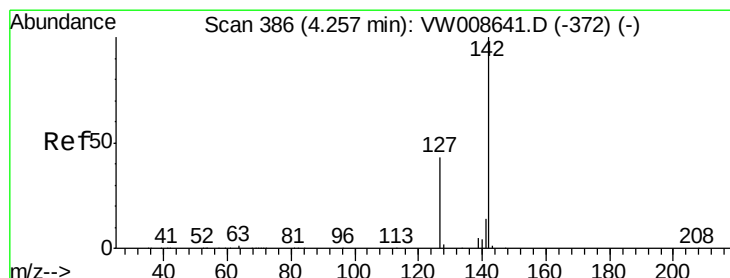
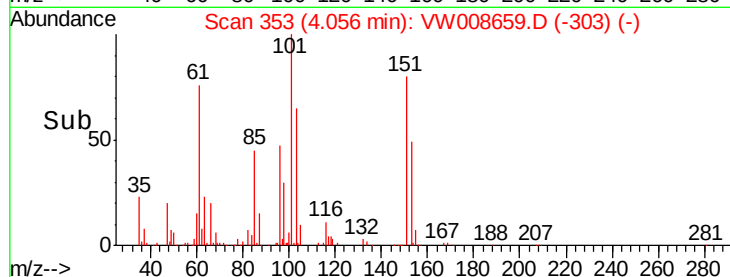
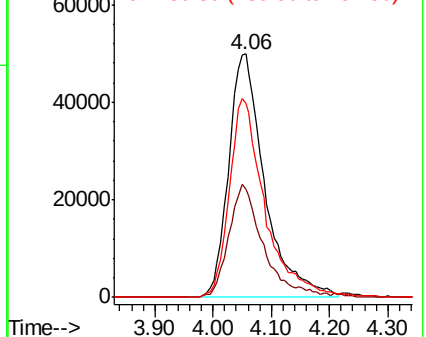
151 81.0 65.6 98.4



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: 50.024 ug/l

RT: 4.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

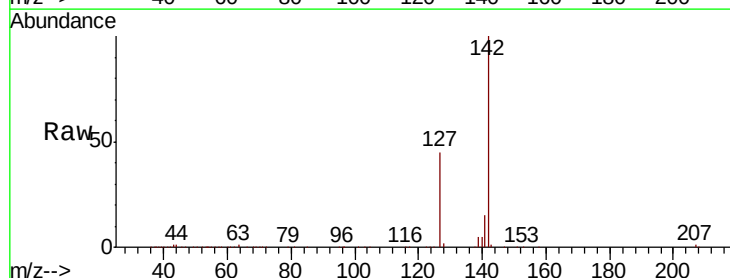
Tgt Ion:142 Resp: 323818

Ion Ratio Lower Upper

142 100

127 43.6 34.8 52.2

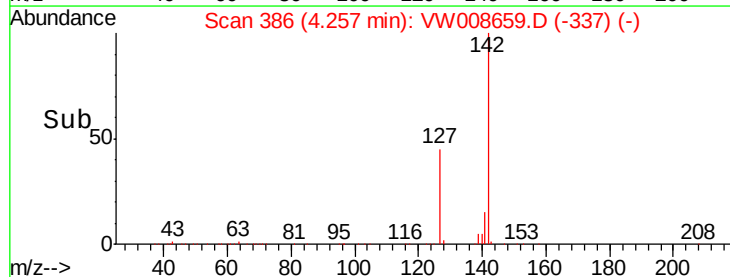
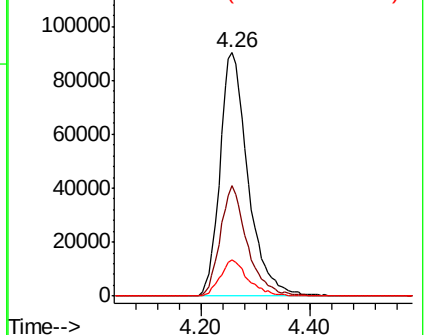
141 14.8 11.8 17.8

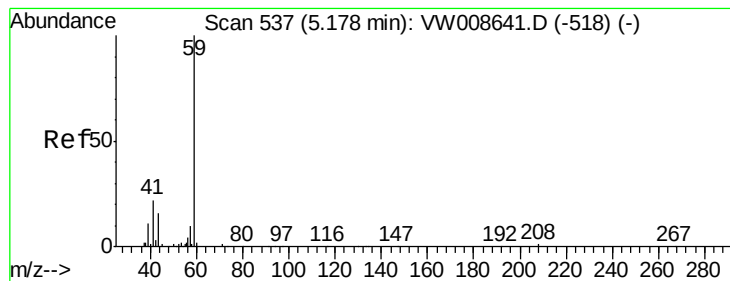


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



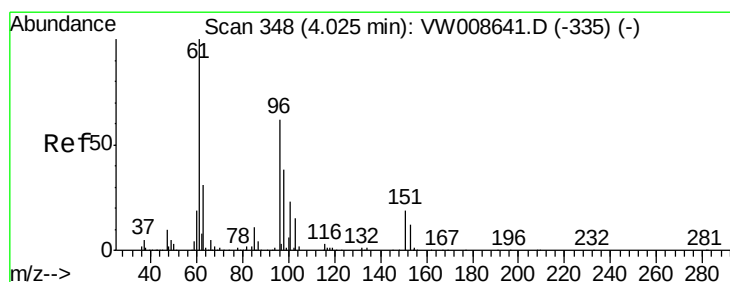
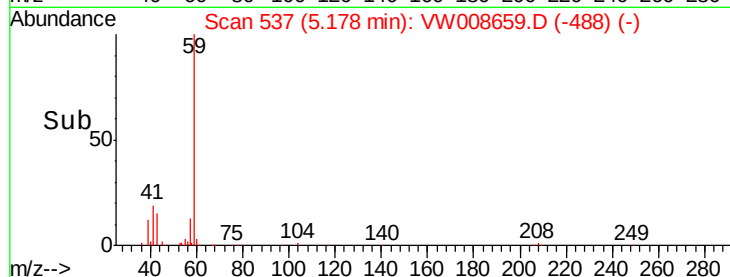
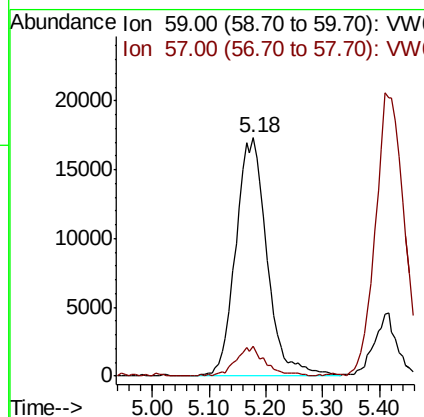
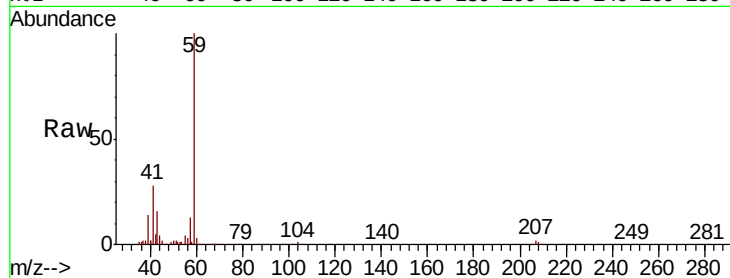


#11

Tert butyl alcohol
 Concen: 191.734 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

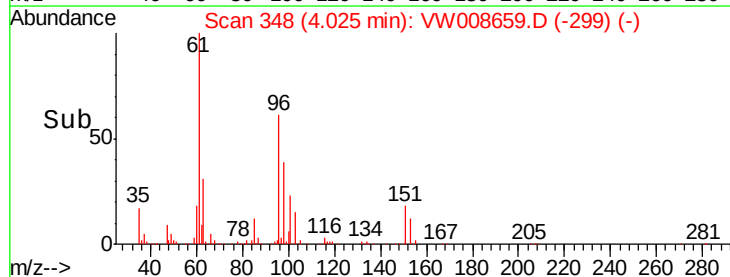
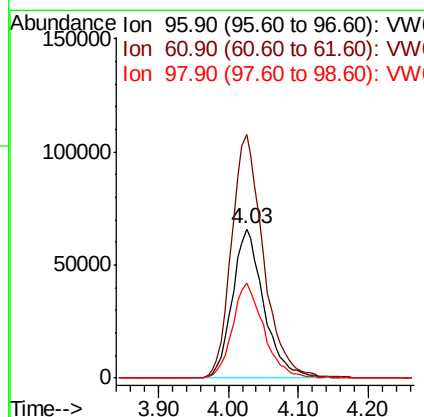
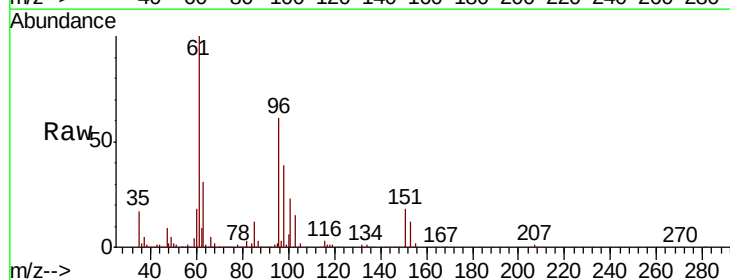
Tgt Ion: 59 Resp: 66260
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.3 12.5

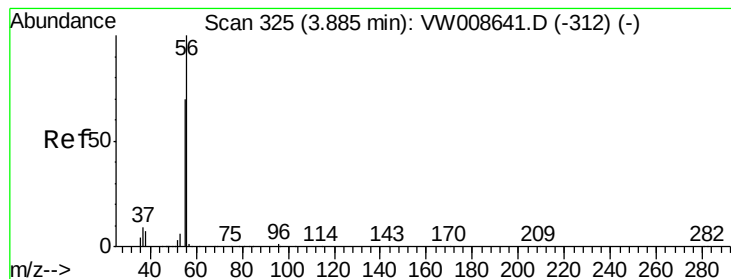


#12

1,1-Dichloroethene
 Concen: 50.909 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion: 96 Resp: 206485
 Ion Ratio Lower Upper
 96 100
 61 163.5 129.8 194.6
 98 63.7 49.3 73.9





#13

Acrolein

Concen: 291.993 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

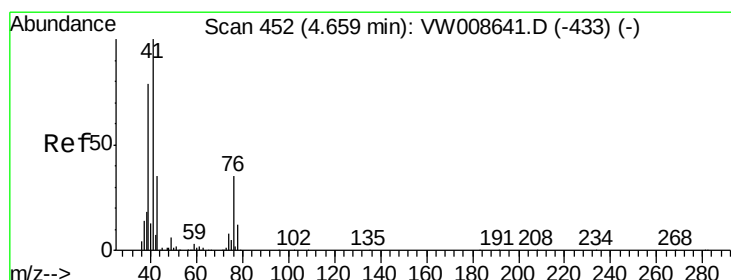
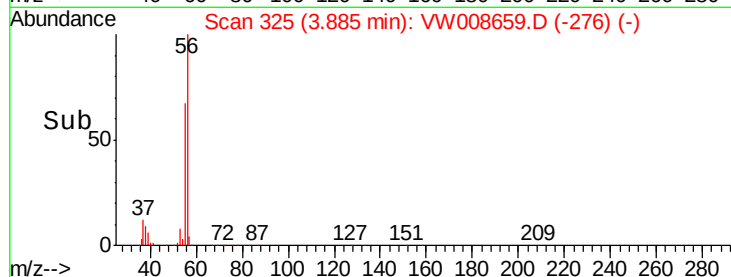
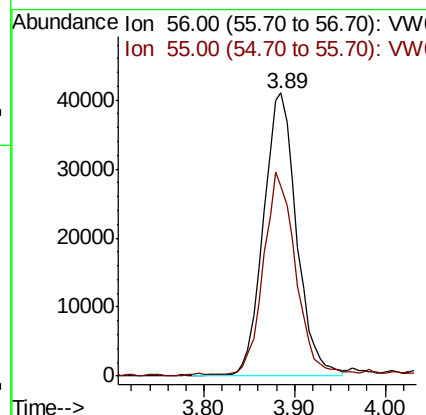
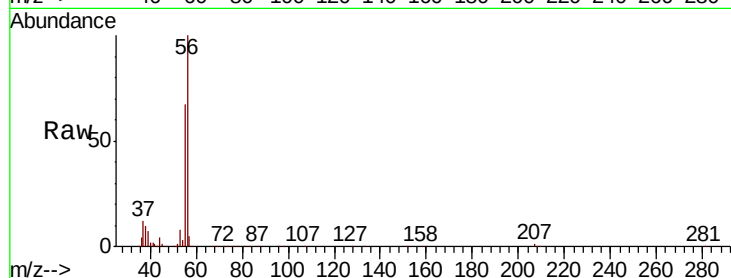
VSTDCCC050

Tgt Ion: 56 Resp: 103965

Ion Ratio Lower Upper

56 100

55 69.2 57.4 86.2



#14

Allyl chloride

Concen: 50.523 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

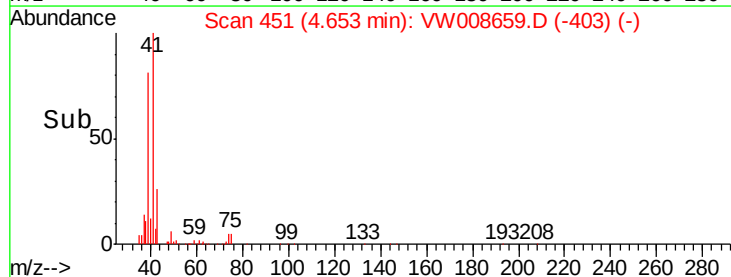
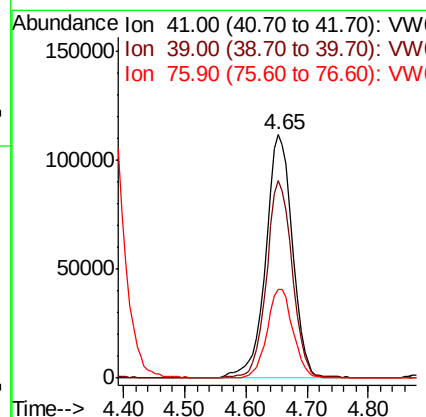
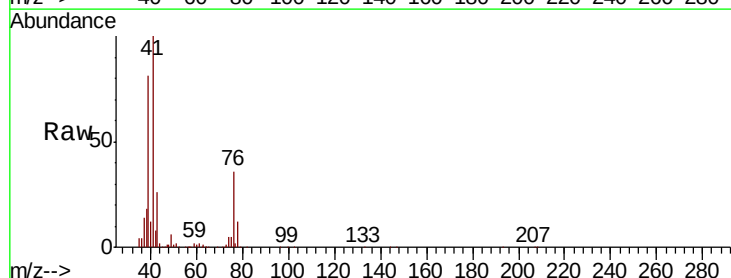
Tgt Ion: 41 Resp: 340461

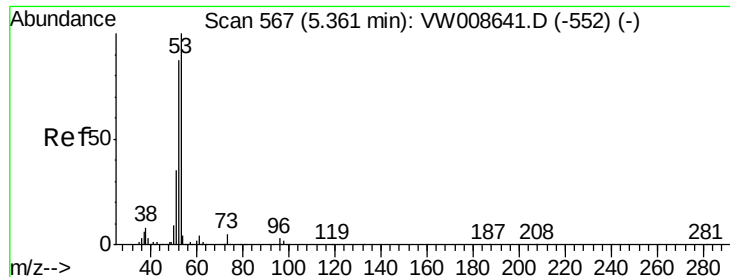
Ion Ratio Lower Upper

41 100

39 77.6 61.7 92.5

76 34.9 27.7 41.5





#15

Acrylonitrile

Concen: 223.987 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

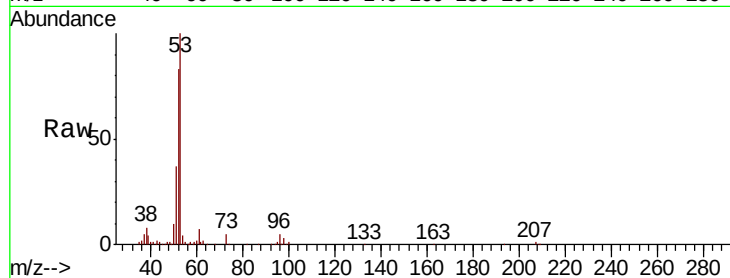
Tgt Ion: 53 Resp: 220799

Ion Ratio Lower Upper

53 100

52 82.0 66.8 100.2

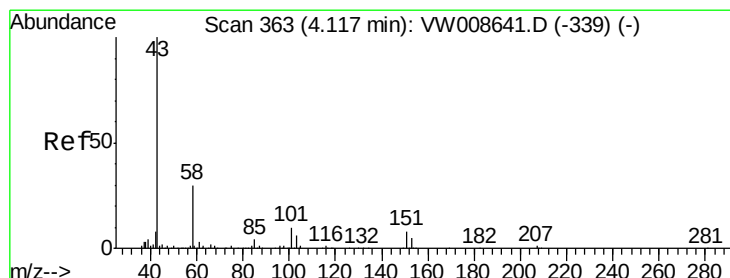
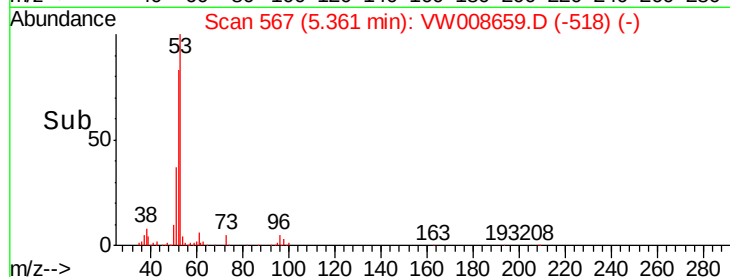
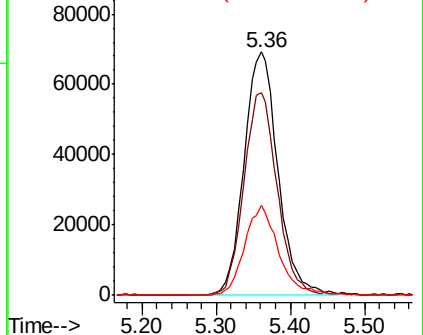
51 37.0 29.4 44.0



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: 237.738 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008659.D

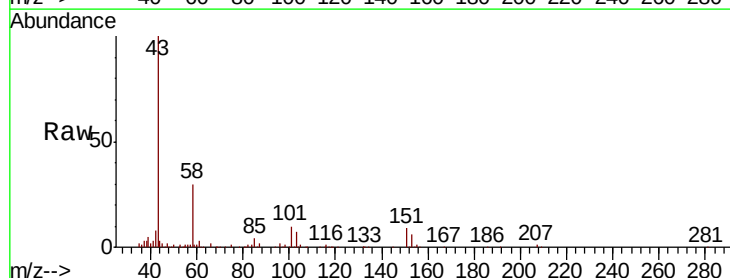
Acq: 14 Feb 2019 11:48

Tgt Ion: 43 Resp: 233669

Ion Ratio Lower Upper

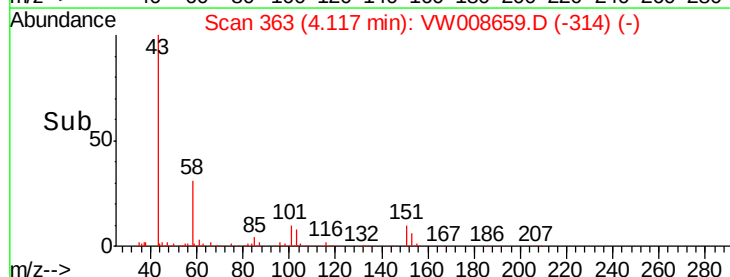
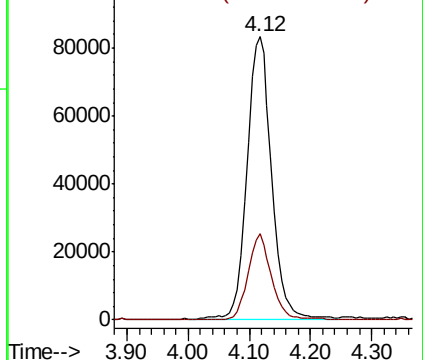
43 100

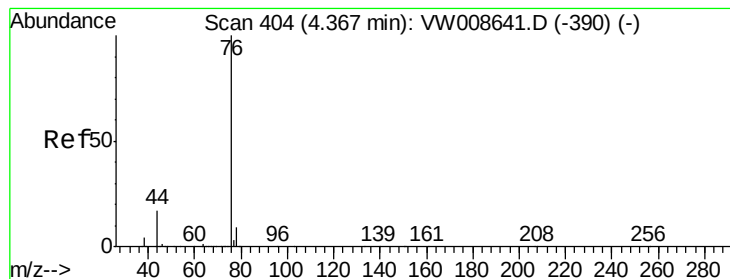
58 30.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 51.137 ug/l

RT: 4.37 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

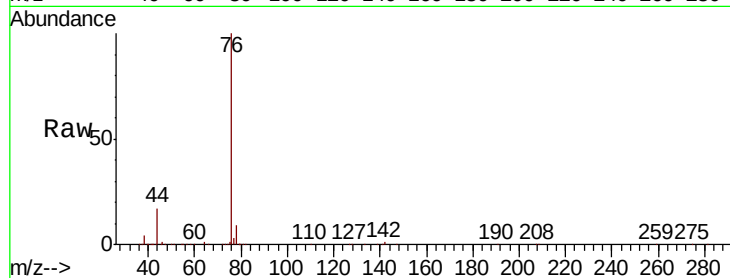
VSTDCCC050

Tgt Ion: 76 Resp: 625926

Ion Ratio Lower Upper

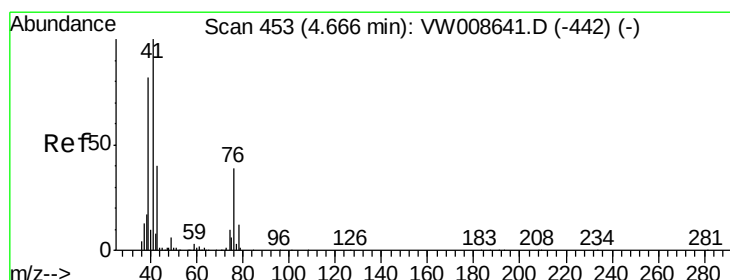
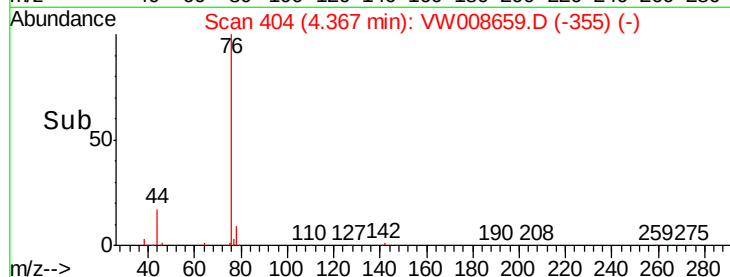
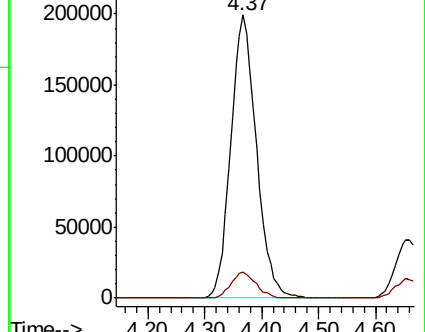
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 42.271 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008659.D

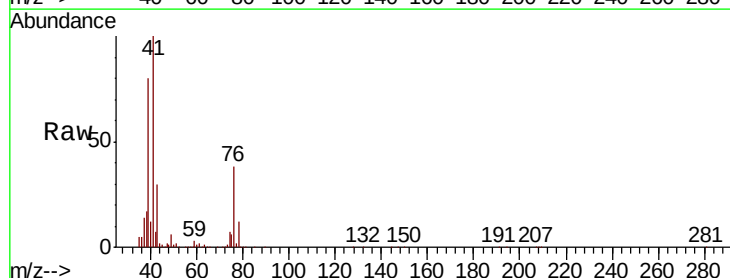
Acq: 14 Feb 2019 11:48

Tgt Ion: 43 Resp: 94941

Ion Ratio Lower Upper

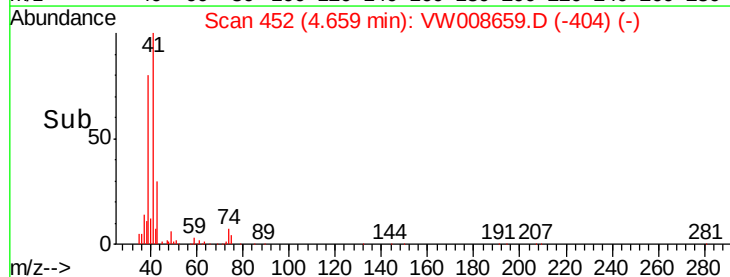
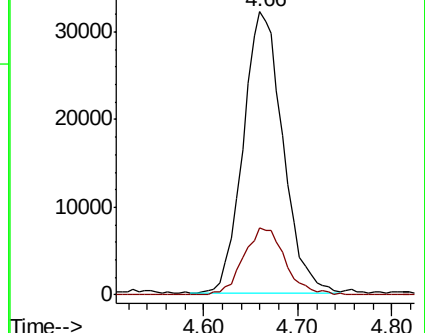
43 100

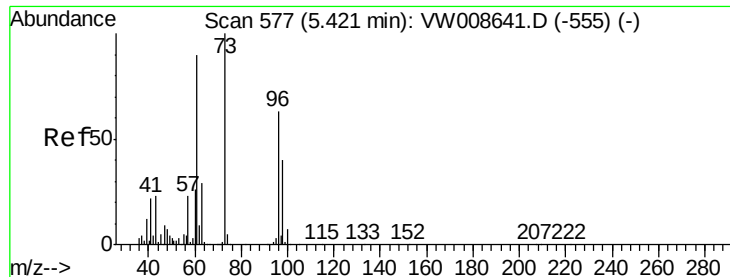
74 24.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 45.225 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

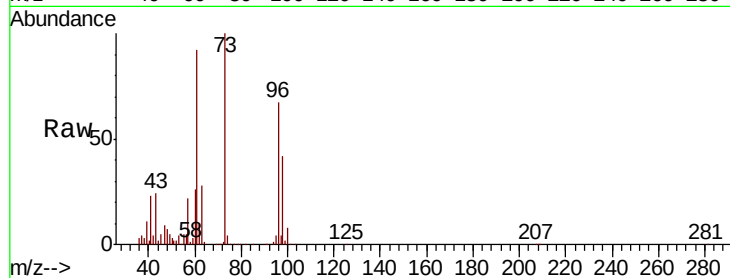
VSTDCCC050

Tgt Ion: 73 Resp: 322014

Ion Ratio Lower Upper

73 100

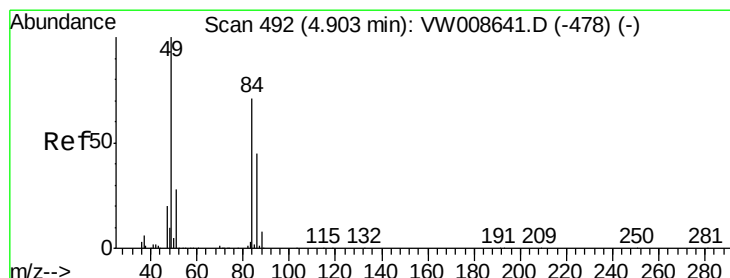
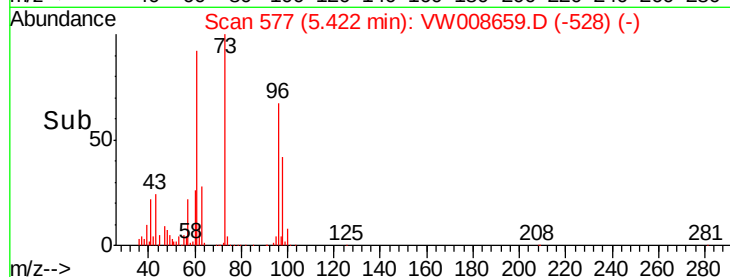
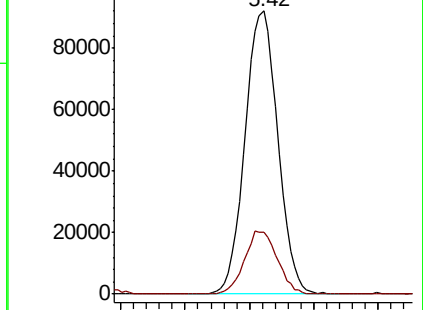
57 21.8 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.42



#20

Methylene Chloride

Concen: 48.884 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Tgt Ion: 84 Resp: 212389

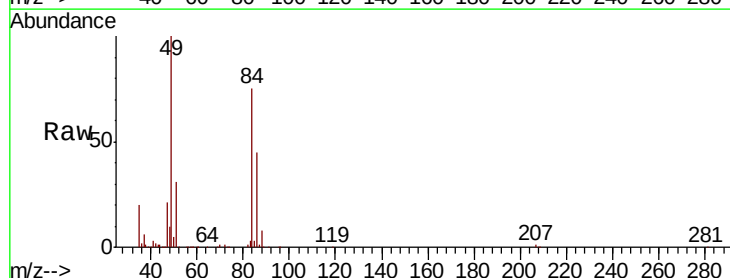
Ion Ratio Lower Upper

84 100

49 133.0 113.3 169.9

51 40.7 32.1 48.1

86 60.4 50.9 76.3

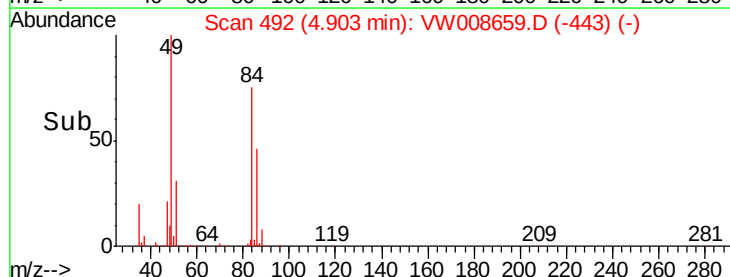
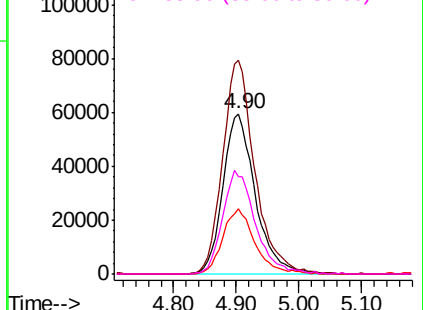


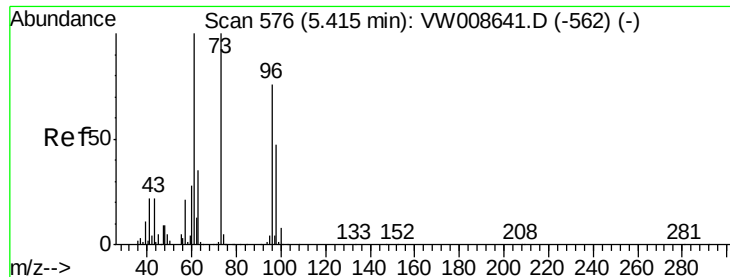
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 49.547 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

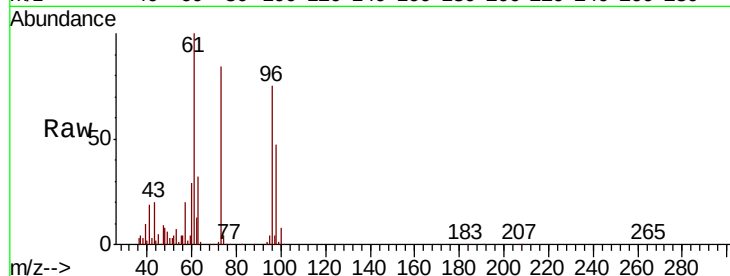
Tgt Ion: 96 Resp: 220083

Ion Ratio Lower Upper

96 100

61 132.9 105.9 158.9

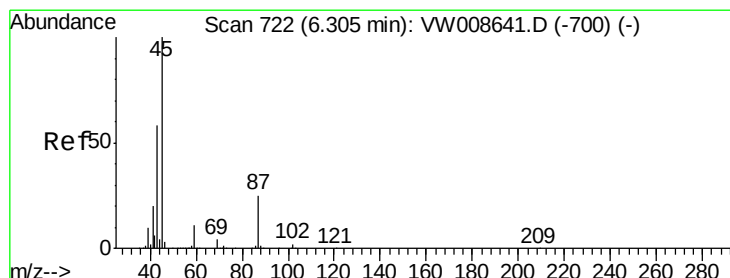
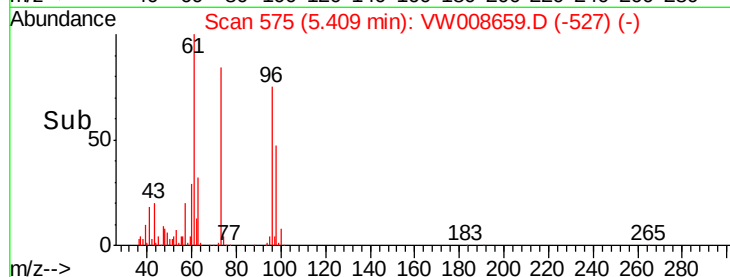
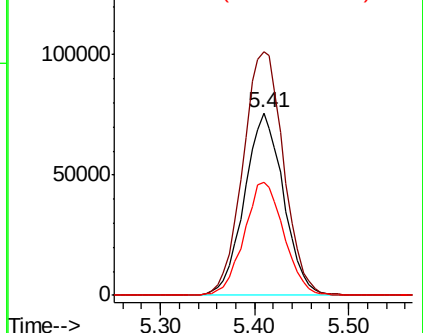
98 62.1 49.8 74.6



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



#22

Diisopropyl ether

Concen: 47.298 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Tgt Ion: 45 Resp: 641502

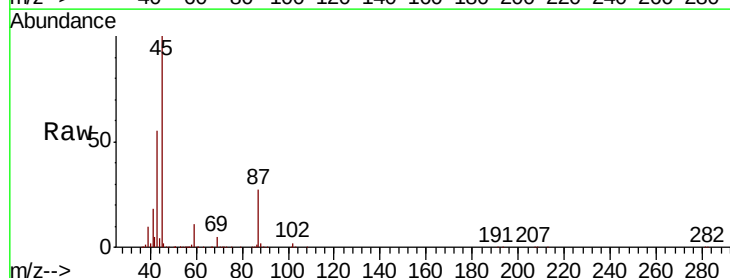
Ion Ratio Lower Upper

45 100

43 54.2 46.1 69.1

87 26.9 20.5 30.7

59 11.3 8.6 12.8

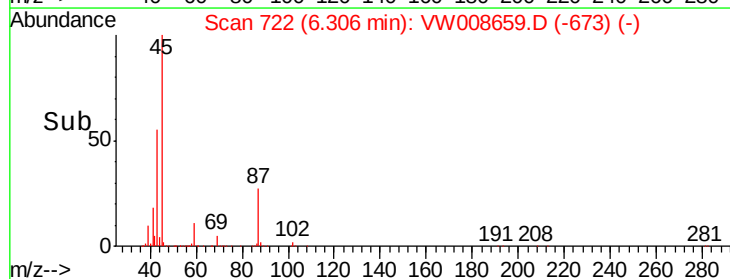
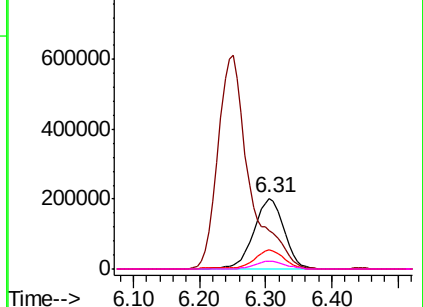


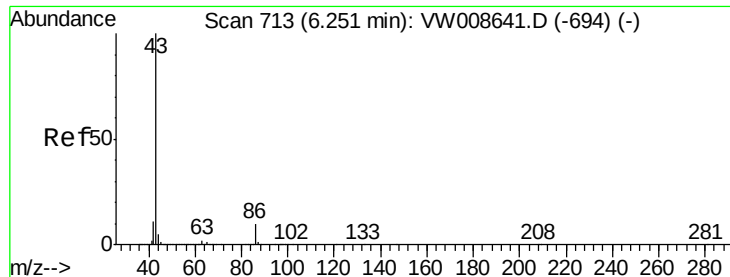
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 229.793 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

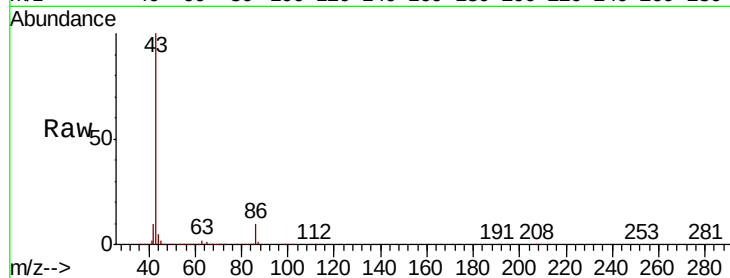
VSTDCCC050

Tgt Ion: 43 Resp: 2022767

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

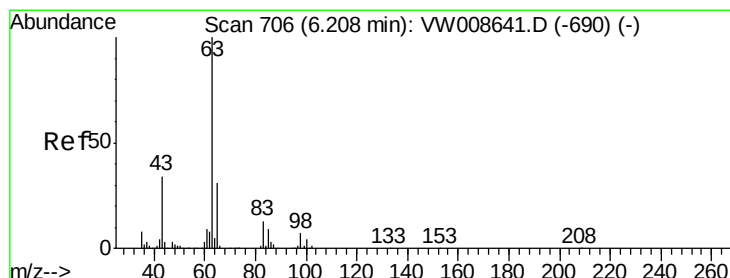
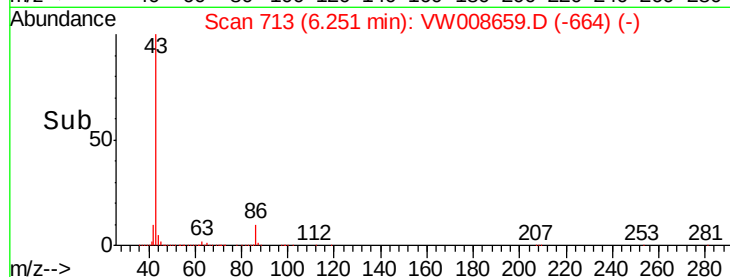
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.479 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

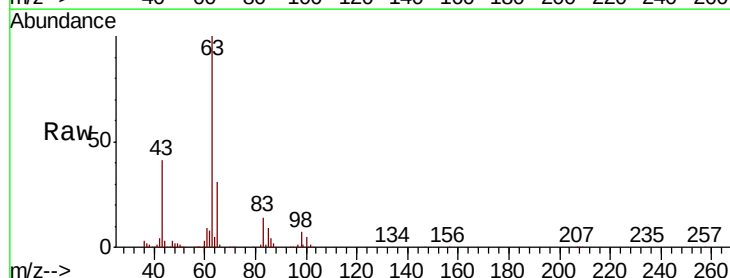
Tgt Ion: 63 Resp: 379416

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.6 2.2 6.6



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

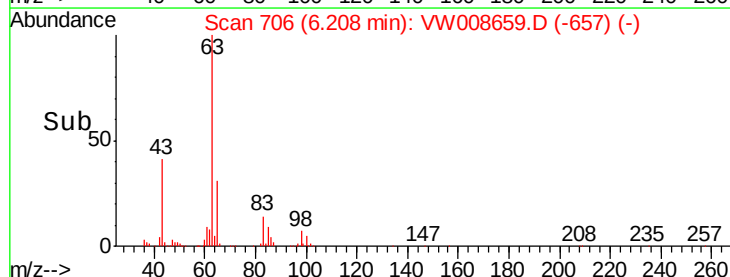
150000

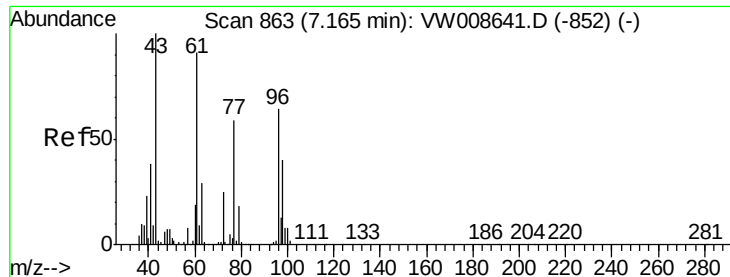
100000

50000

0

Time-->





#25

2-Butanone

Concen: 223.098 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

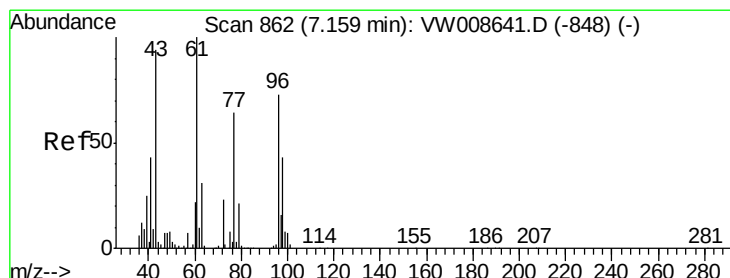
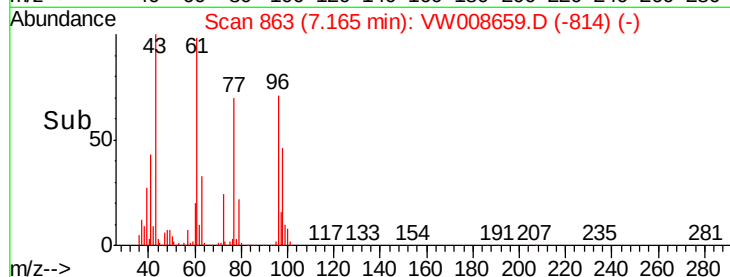
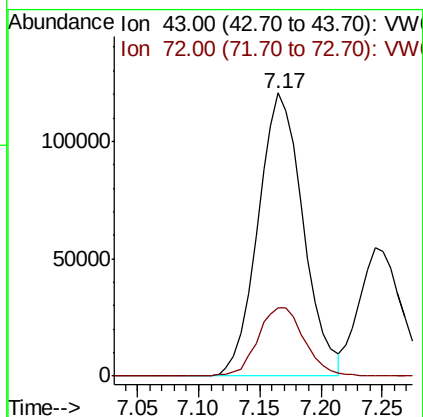
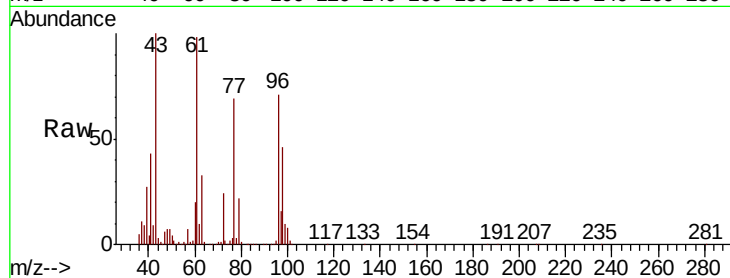
VSTDCCC050

Tgt Ion: 43 Resp: 309633

Ion Ratio Lower Upper

43 100

72 24.1 19.7 29.5



#26

2,2-Dichloropropane

Concen: 52.312 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW008659.D

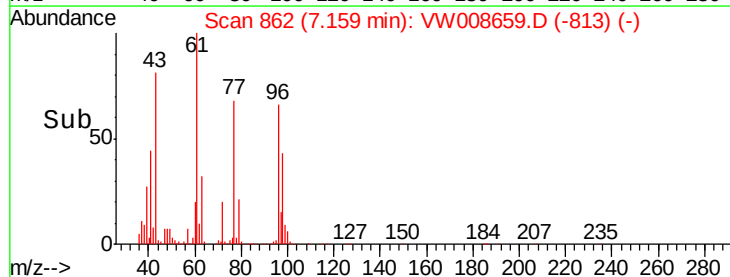
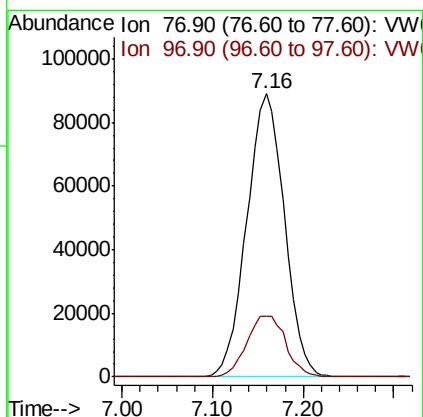
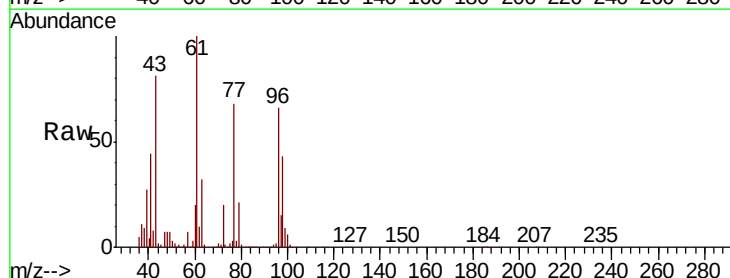
Acq: 14 Feb 2019 11:48

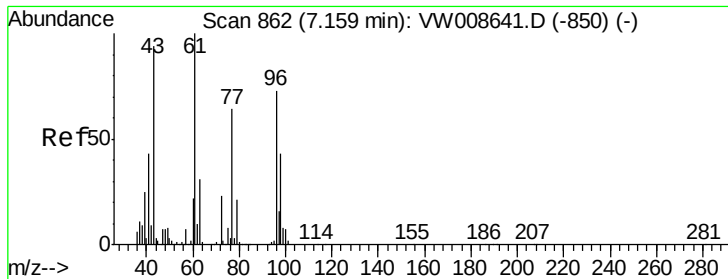
Tgt Ion: 77 Resp: 255765

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0



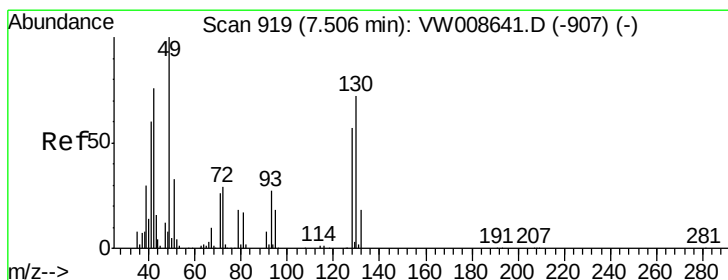
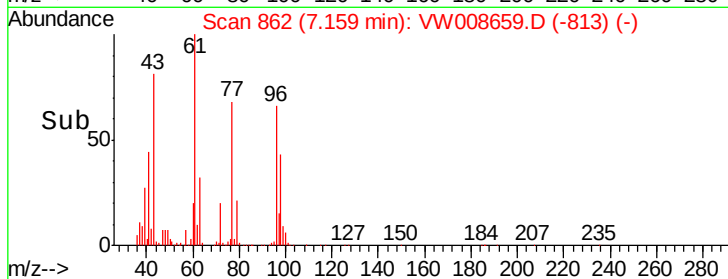
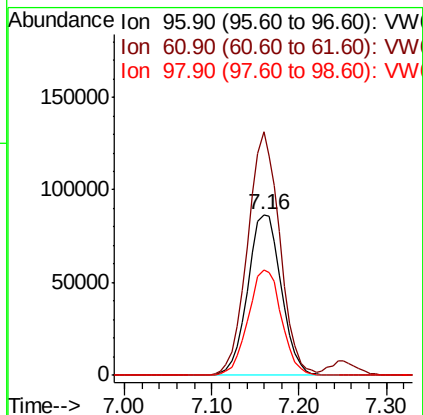
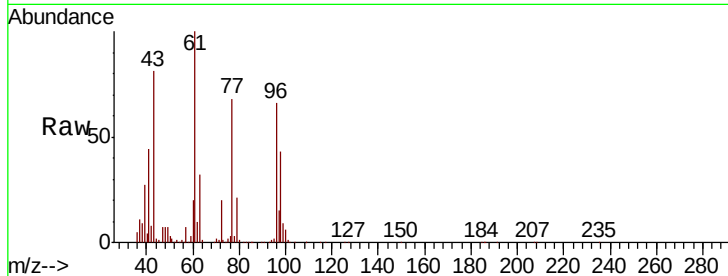


#27

cis-1,2-Dichloroethene
Concen: 48.006 ug/l
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

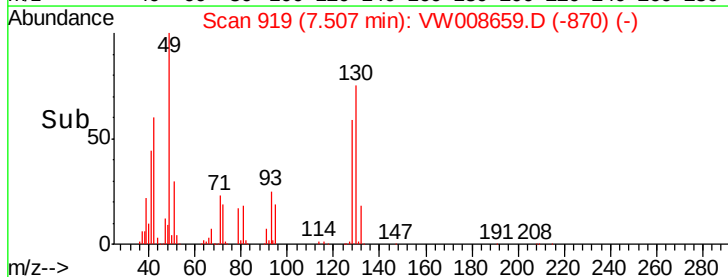
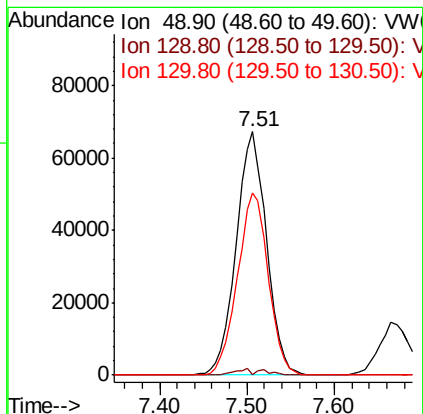
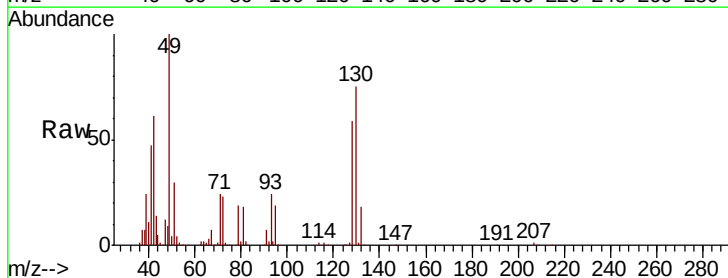
Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	286.4
98	65.5	0.0	125.0

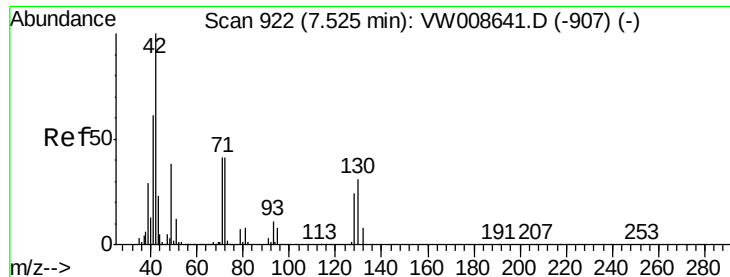


#28

Bromochloromethane
Concen: 48.997 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	76.0	59.4	89.0





#29

Tetrahydrofuran

Concen: 208.817 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.01 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

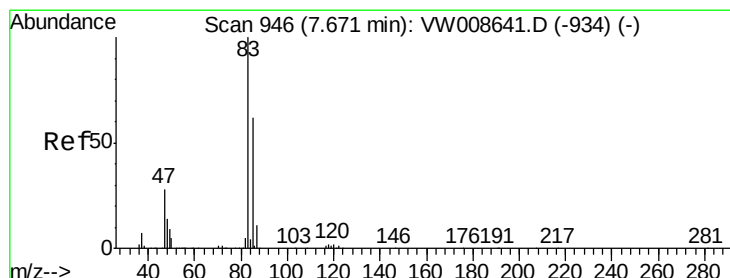
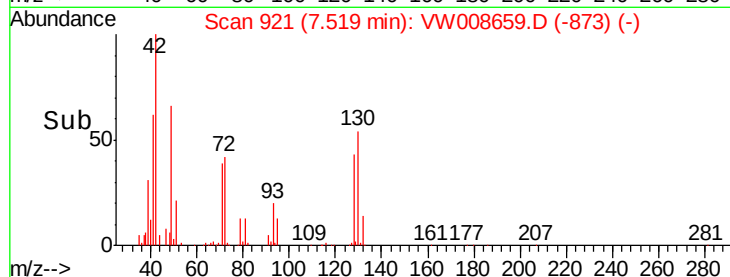
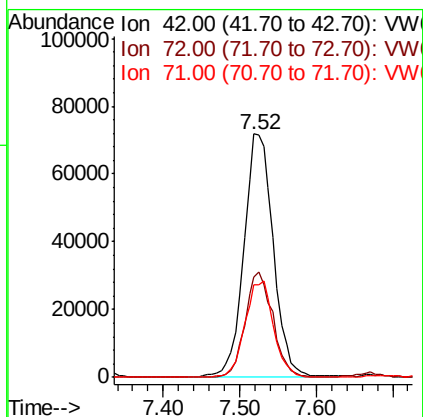
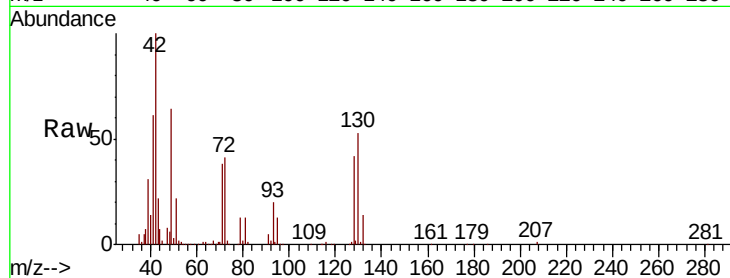
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	191021
Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.2	48.2
71	38.7	31.0	46.6



#30

Chloroform

Concen: 48.524 ug/l

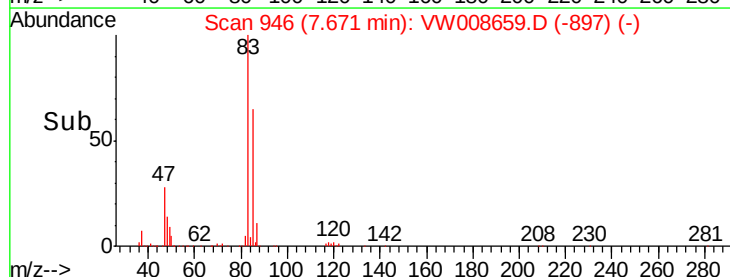
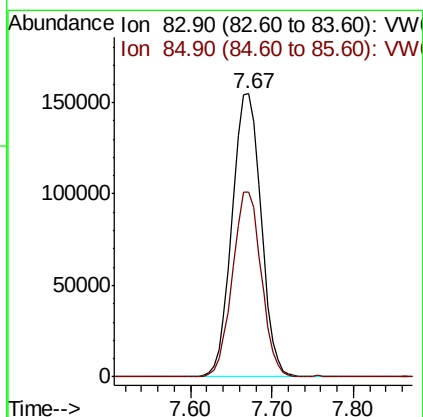
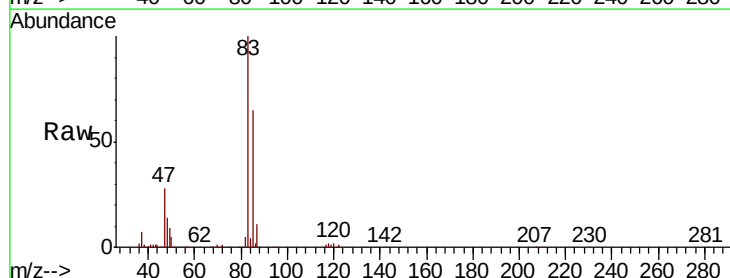
RT: 7.67 min Scan# 946

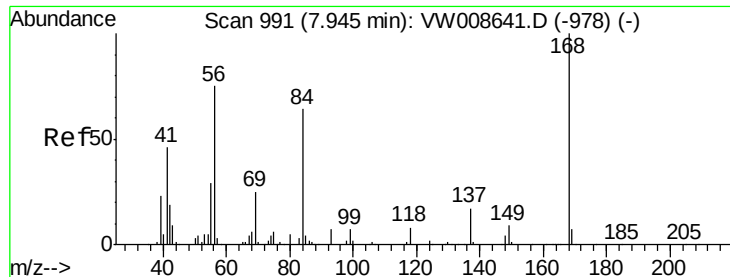
Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Tgt Ion:	83	Resp:	380525
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.8	74.8

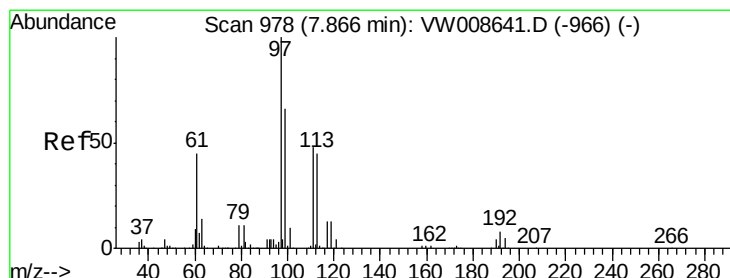
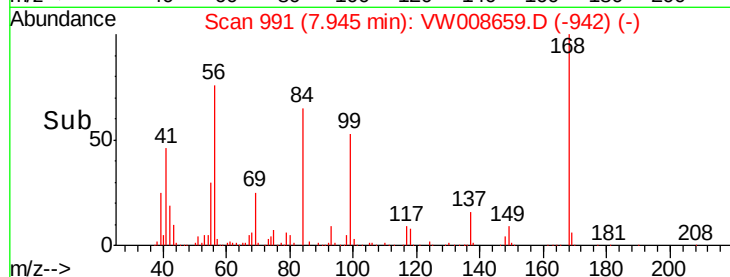
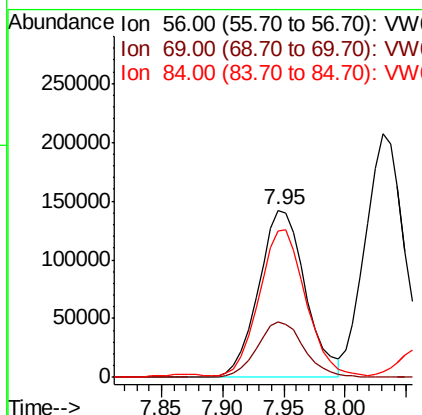
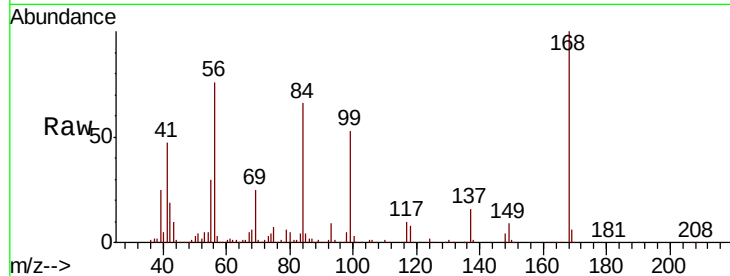




#31
Cyclohexane
Concen: 47.914 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

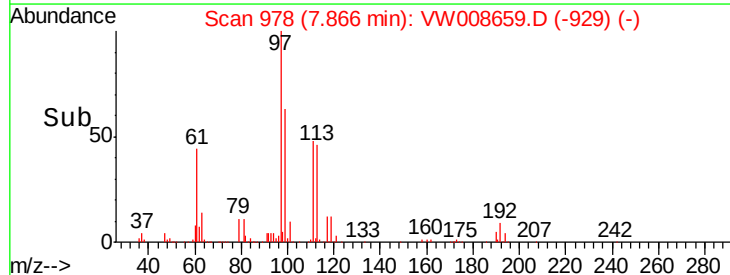
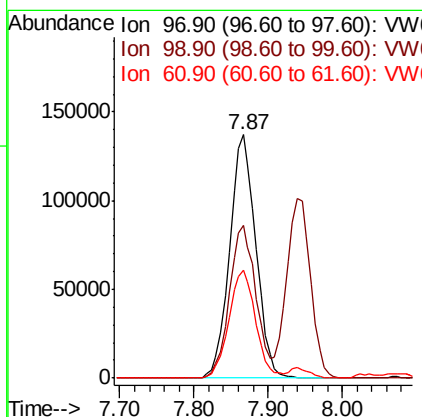
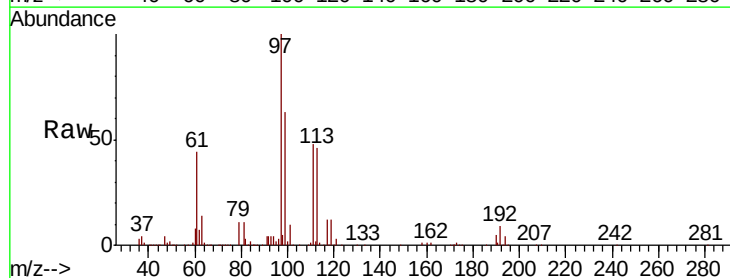
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

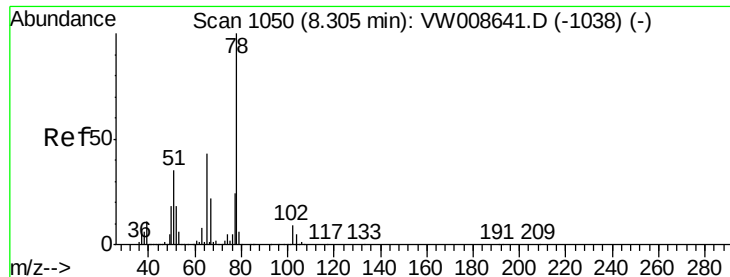
Tgt Ion: 56 Resp: 378494
Ion Ratio Lower Upper
56 100
69 33.2 26.4 39.6
84 85.9 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 50.789 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion: 97 Resp: 336375
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 45.4 35.8 53.6

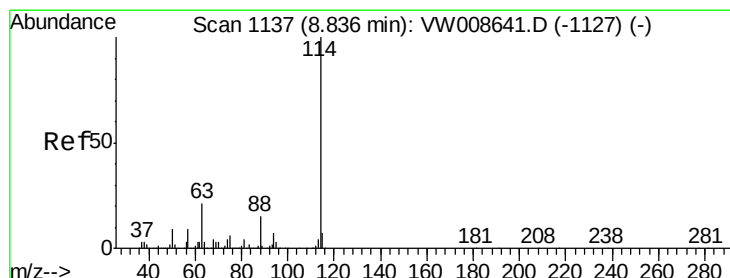
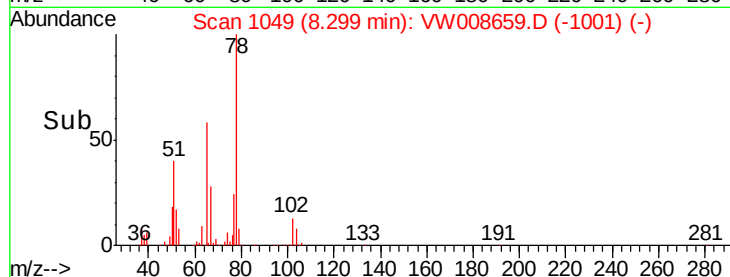
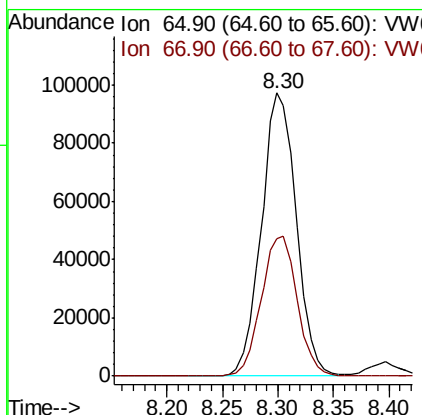
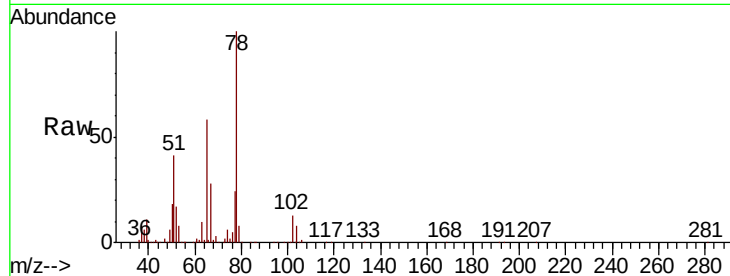




#33
 1,2-Dichloroethane-d4
 Concen: 49.126 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

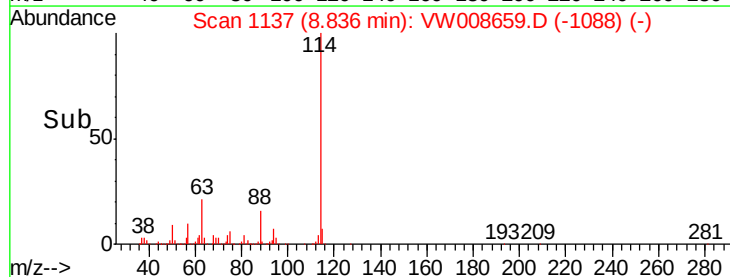
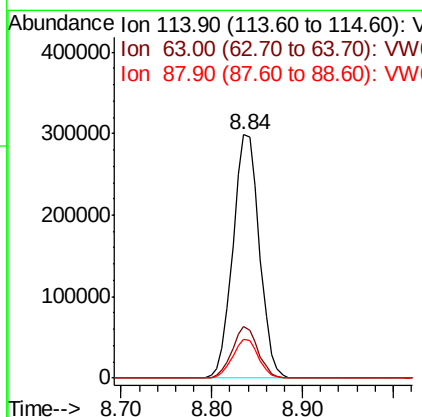
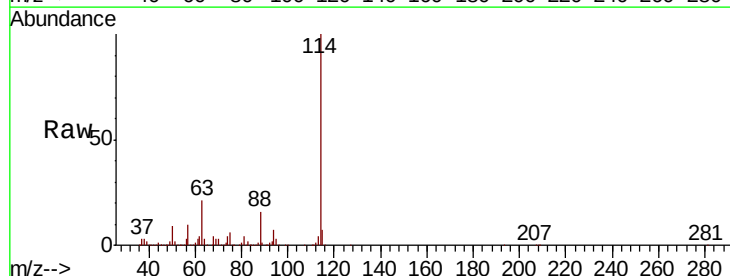
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

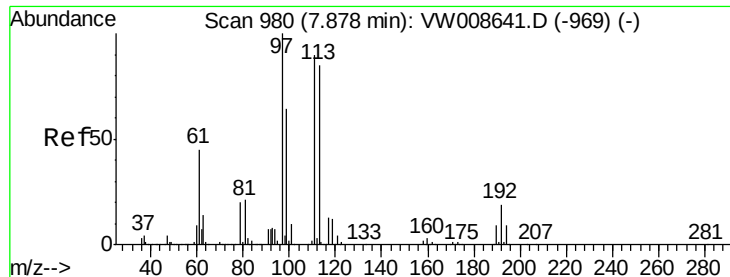
Tgt Ion: 65 Resp: 212187
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion: 114 Resp: 603620
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.2
 88 15.9 0.0 29.6

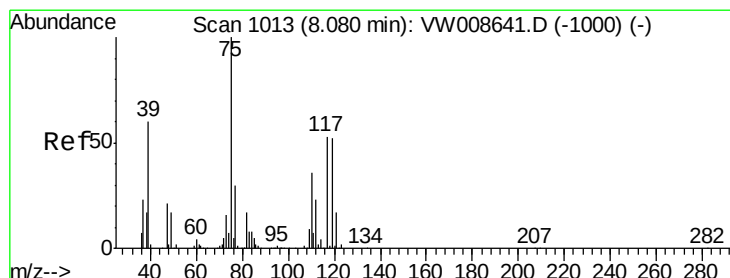
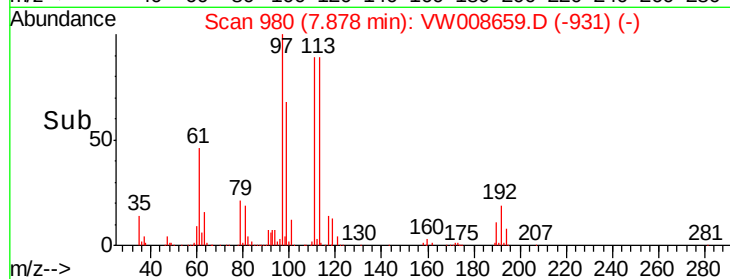
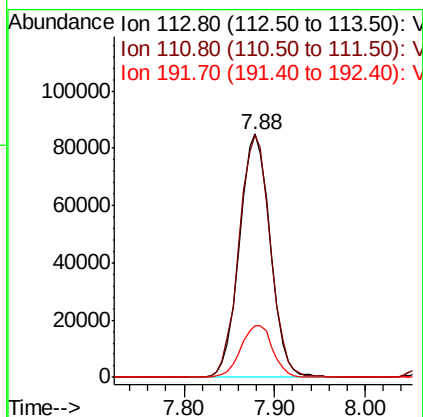
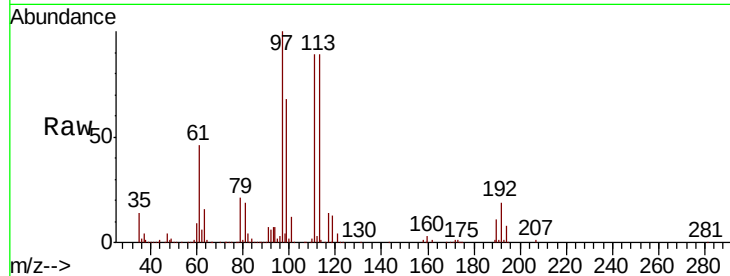




#35
 Dibromofluoromethane
 Concen: 53.431 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

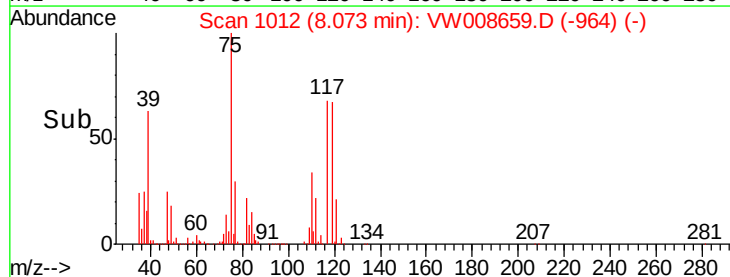
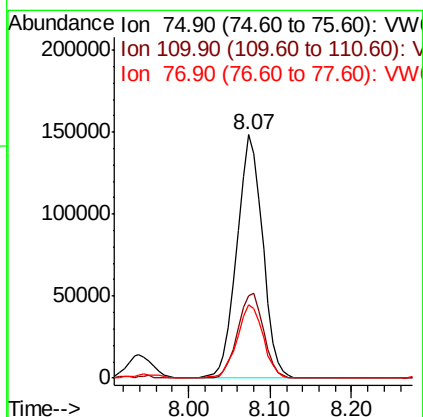
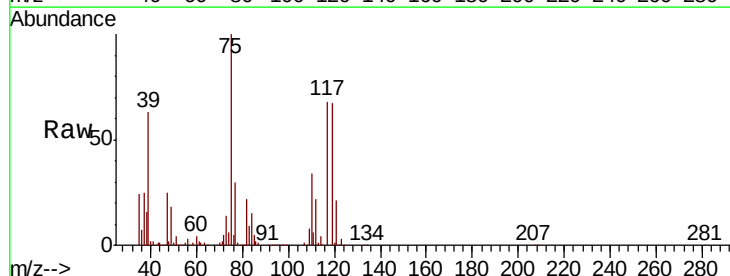
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

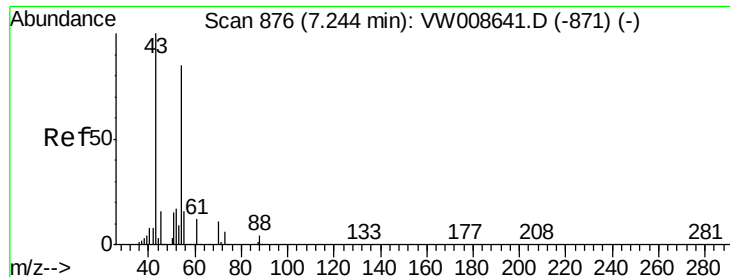
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	84.0	126.0
192	22.0	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 53.394 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.8	53.3
77	30.7	24.7	37.1

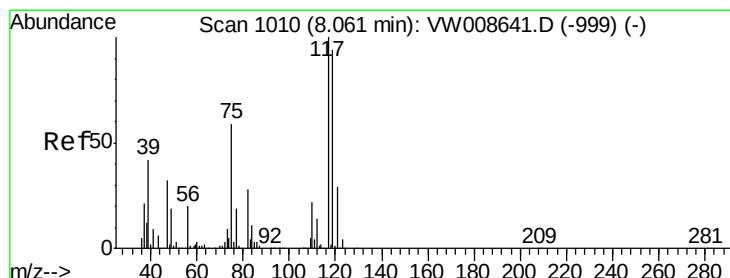
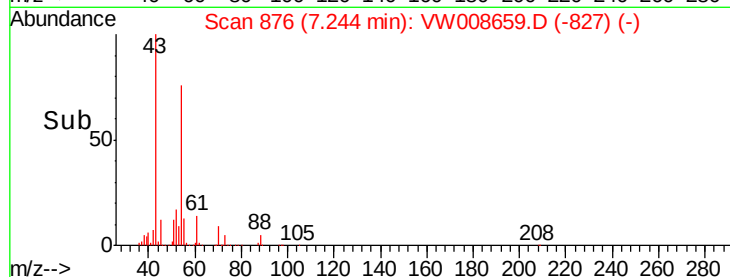
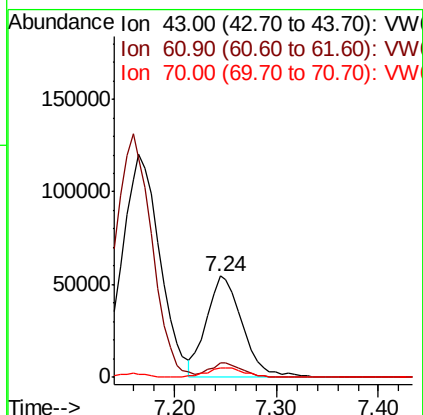
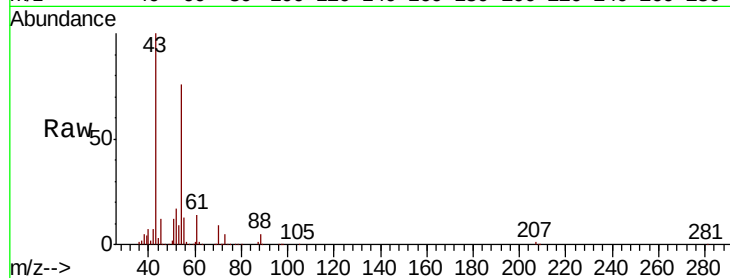




#37
 Ethyl Acetate
 Concen: 45.738 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

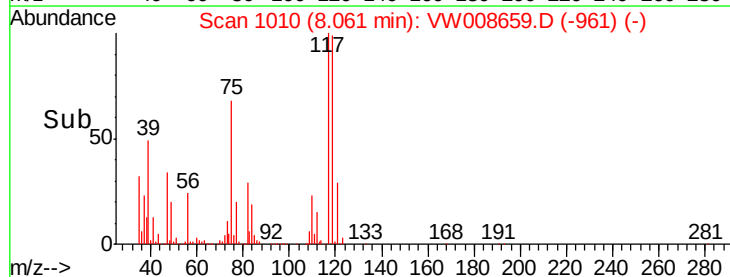
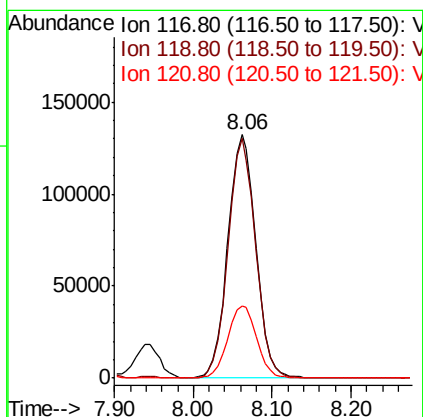
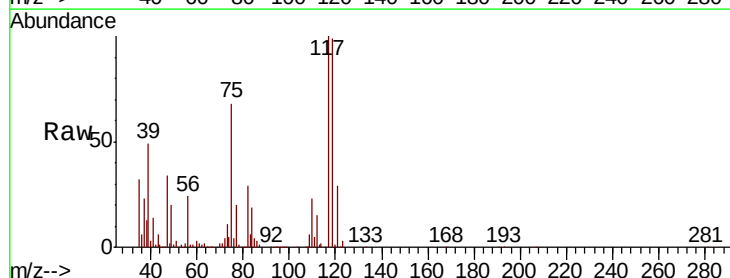
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

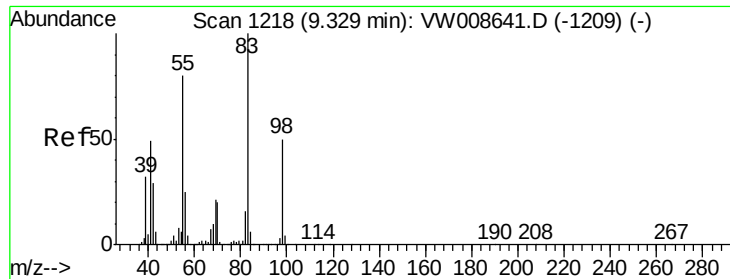
Tgt Ion: 43 Resp: 133801
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.5 15.7
 70 10.1 8.1 12.1



#38
 Carbon Tetrachloride
 Concen: 53.897 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion: 117 Resp: 325017
 Ion Ratio Lower Upper
 117 100
 119 98.6 75.1 112.7
 121 29.5 23.5 35.3

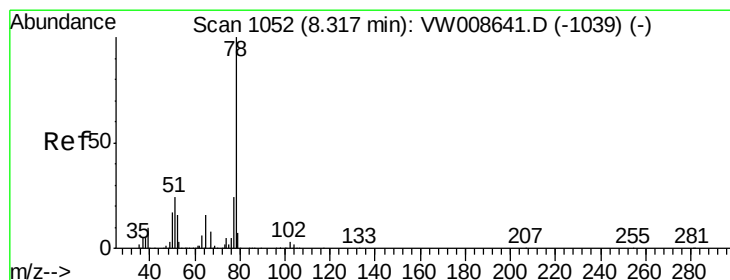
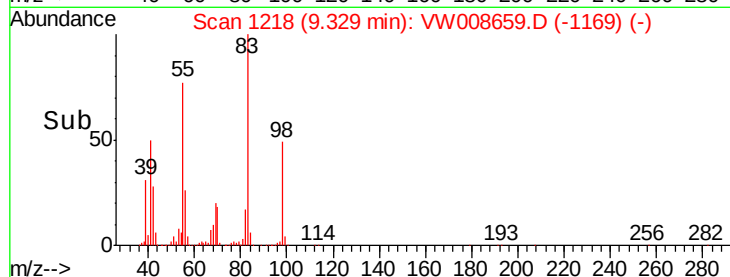
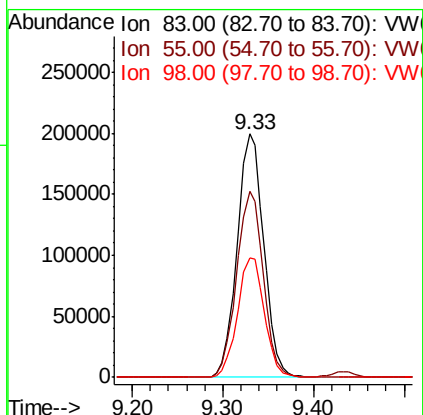
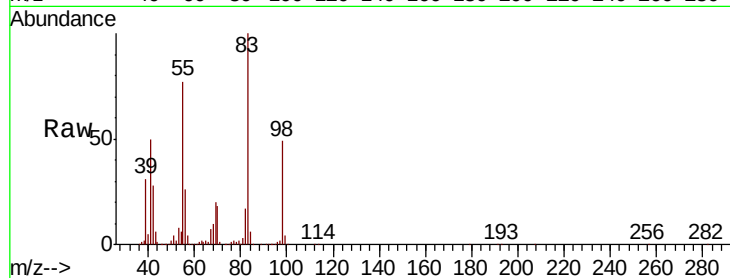




#39
Methylcyclohexane
Concen: 52.903 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

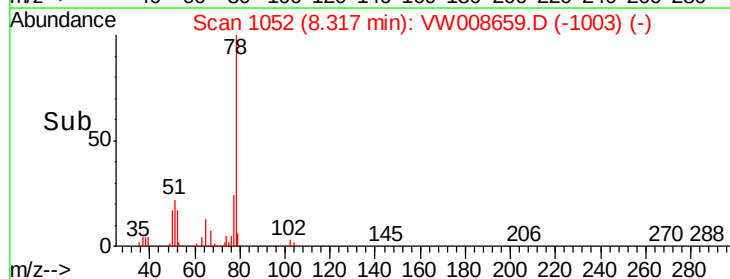
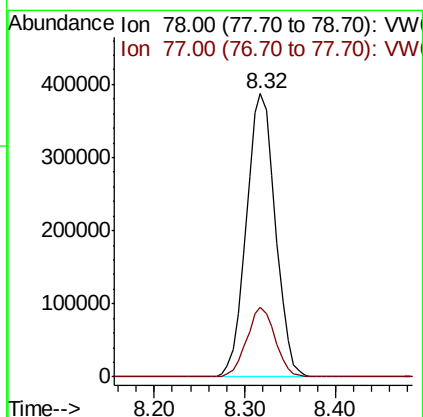
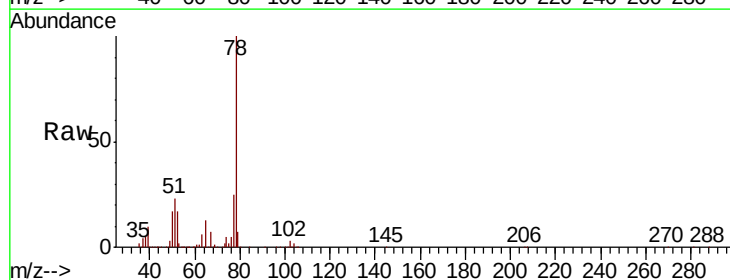
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

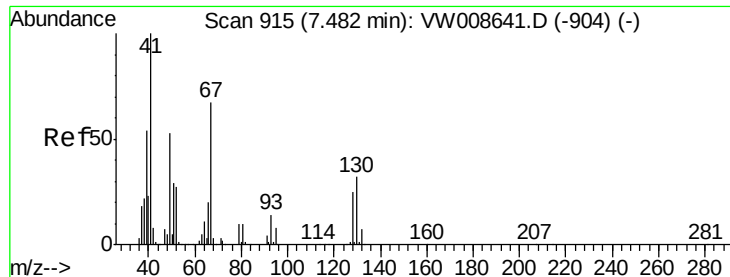
Tgt Ion: 83 Resp: 405793
Ion Ratio Lower Upper
83 100
55 76.7 63.9 95.9
98 49.0 40.2 60.2



#40
Benzene
Concen: 51.612 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion: 78 Resp: 854824
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3

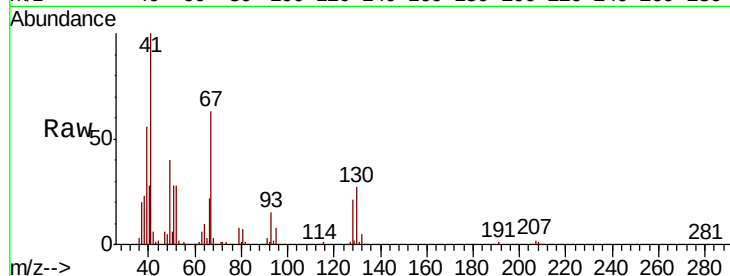




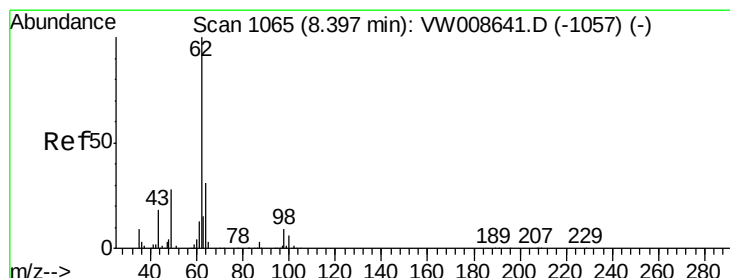
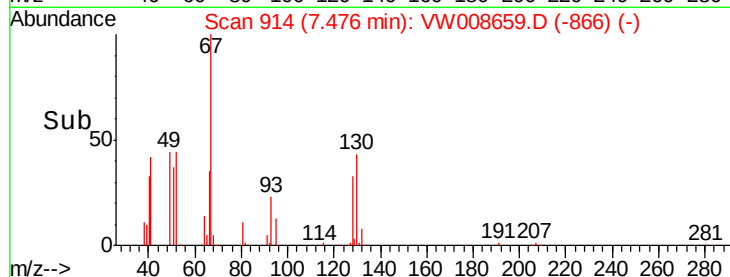
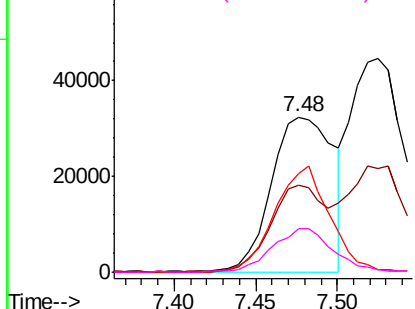
#41
Methacrylonitrile
Concen: 51.609 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	84945
Ion	Ratio	Lower	Upper
41	100		
39	49.1	39.7	59.5
67	61.6	52.5	78.7
52	28.2	23.1	34.7

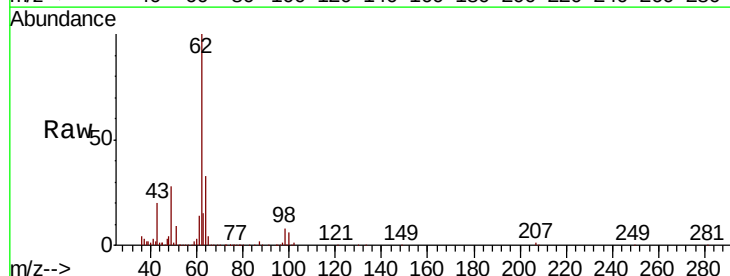


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

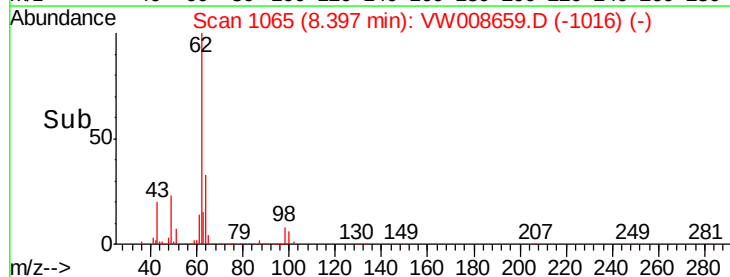
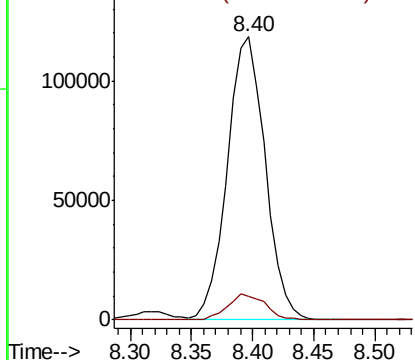


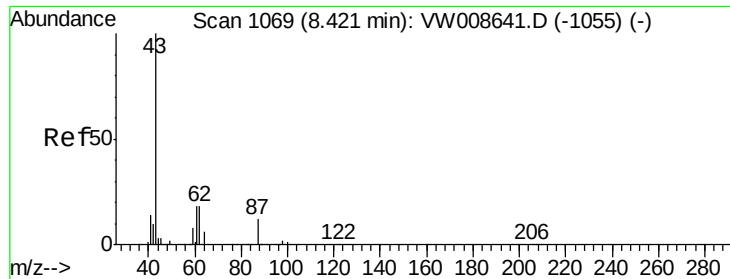
#42
1,2-Dichloroethane
Concen: 49.306 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion:	62	Resp:	253303
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 46.340 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

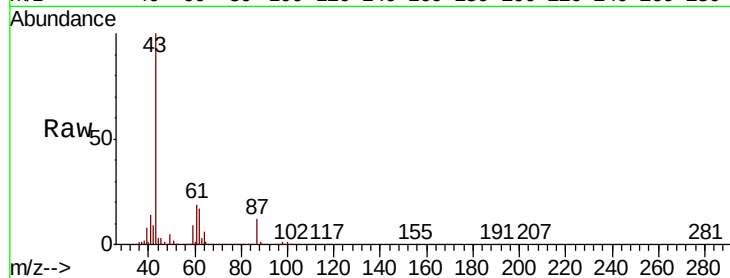
Tgt Ion: 43 Resp: 270313

Ion Ratio Lower Upper

43 100

61 28.3 21.4 32.2

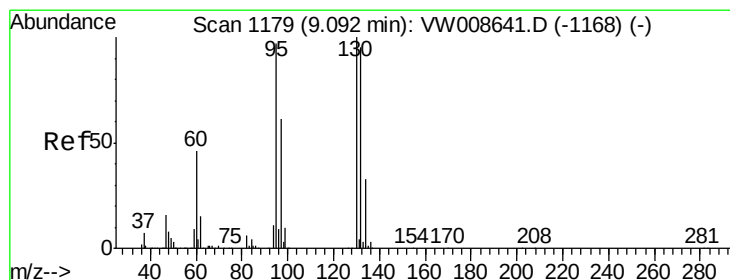
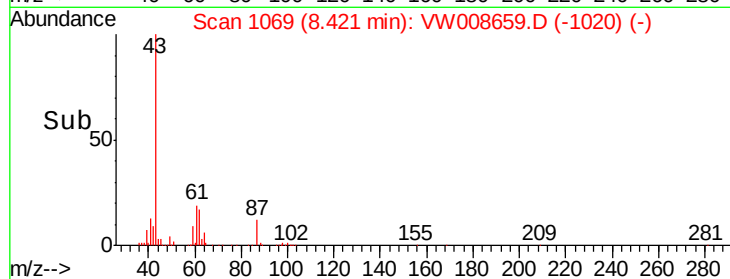
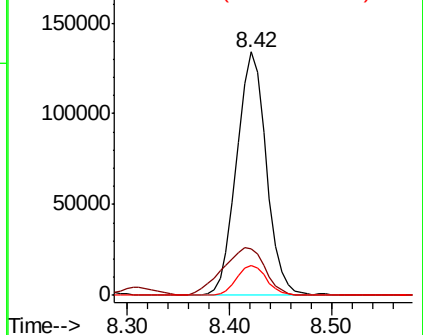
87 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.054 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008659.D

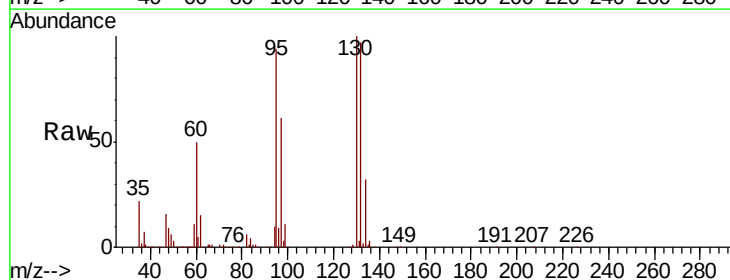
Acq: 14 Feb 2019 11:48

Tgt Ion: 130 Resp: 243638

Ion Ratio Lower Upper

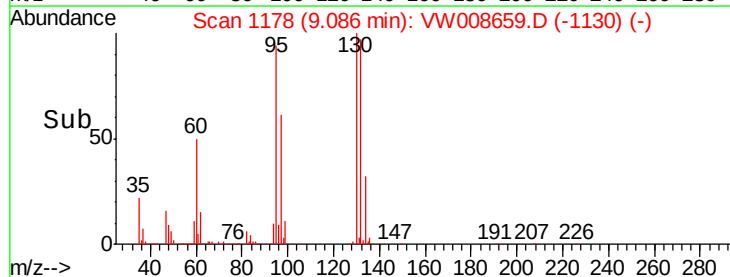
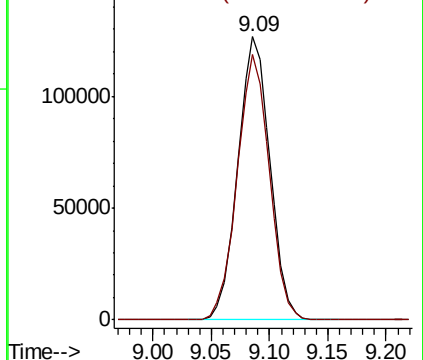
130 100

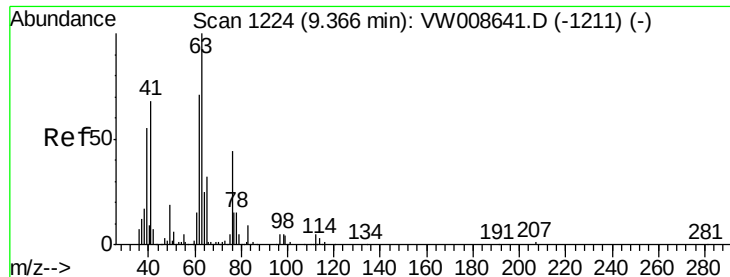
95 93.7 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.736 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

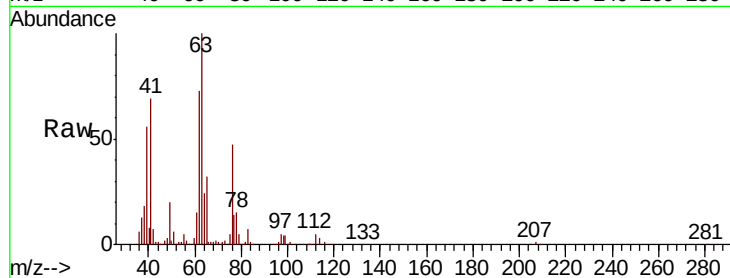
VSTDCCC050

Tgt Ion: 63 Resp: 203865

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

120000

100000

80000

60000

40000

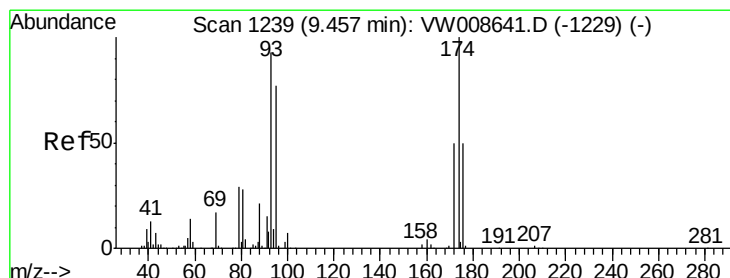
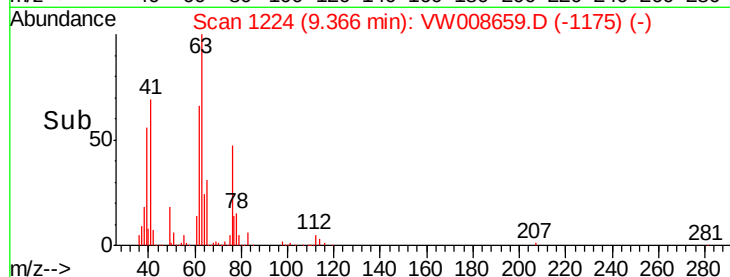
20000

0

9.37

9.20 9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 48.104 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

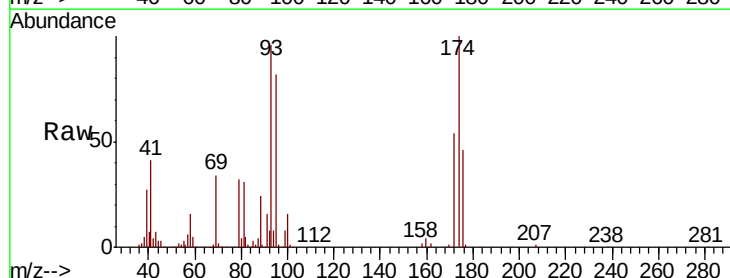
Tgt Ion: 93 Resp: 108617

Ion Ratio Lower Upper

93 100

95 84.8 65.8 98.8

174 106.8 82.5 123.7



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

80000

60000

40000

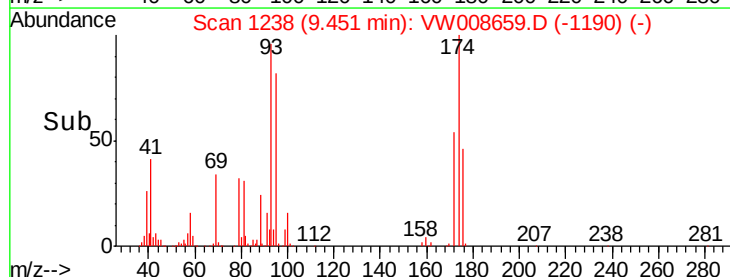
20000

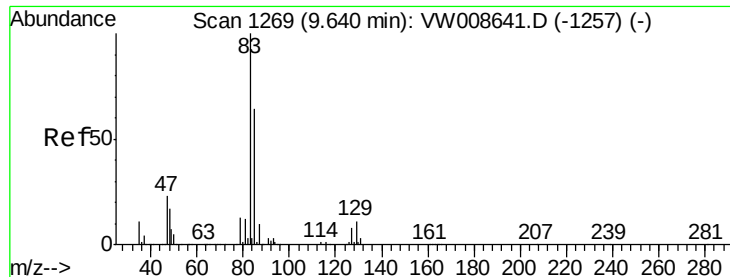
0

9.45

9.35 9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 51.533 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

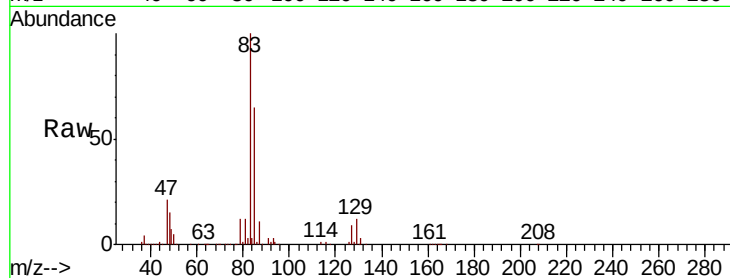
Tgt Ion: 83 Resp: 279644

Ion Ratio Lower Upper

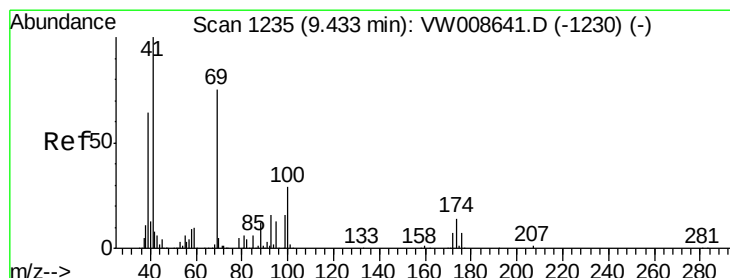
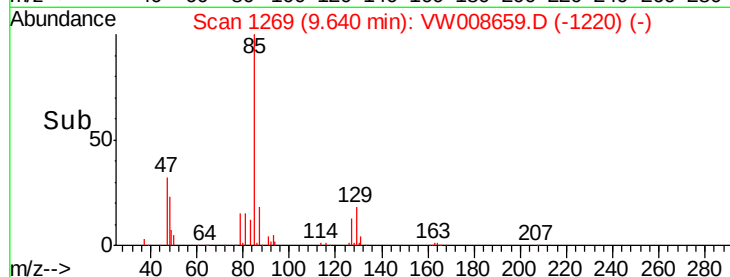
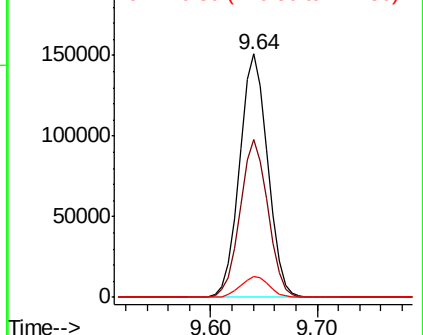
83 100

85 64.8 51.2 76.8

127 8.6 6.4 9.6



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: 47.038 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

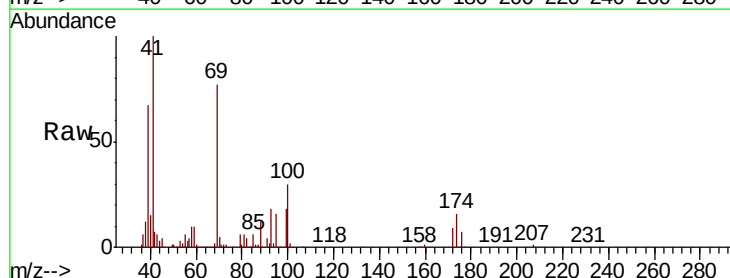
Tgt Ion: 41 Resp: 127159

Ion Ratio Lower Upper

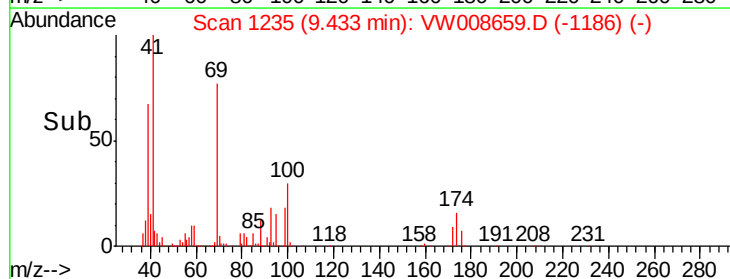
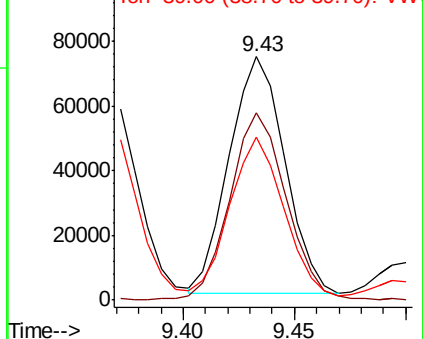
41 100

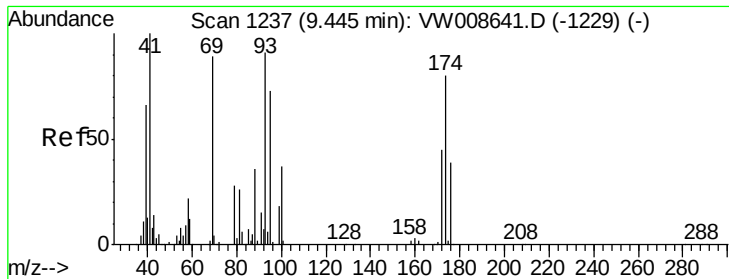
69 80.0 64.1 96.1

39 64.0 52.3 78.5



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

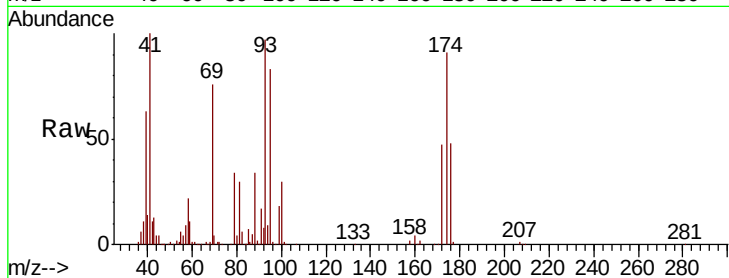




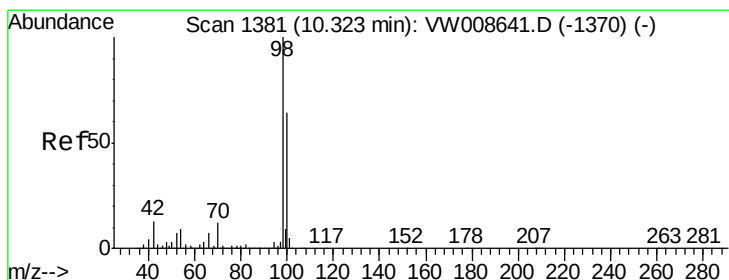
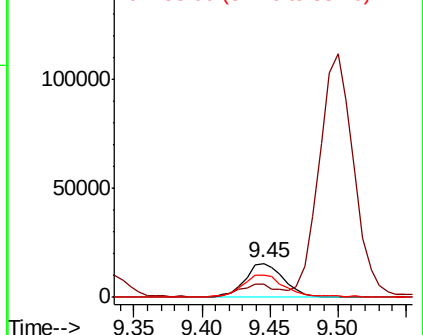
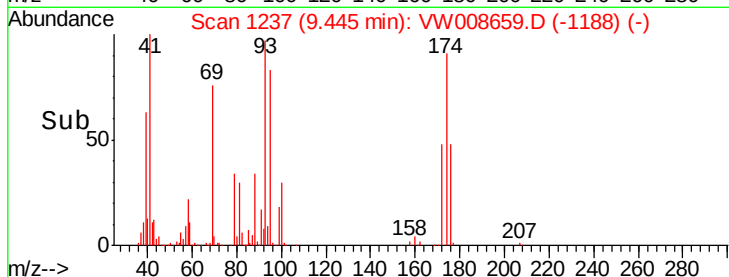
#49
1,4-Dioxane
Concen: 864.155 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 31146
Ion Ratio Lower Upper
88 100
43 37.6 31.0 46.6
58 74.0 57.0 85.6

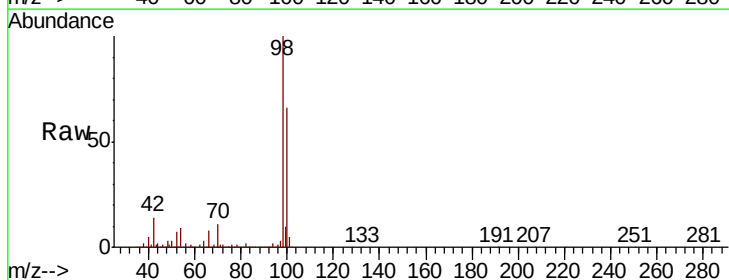


Abundance Ion 88.00 (87.70 to 88.70): VW
150000 Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

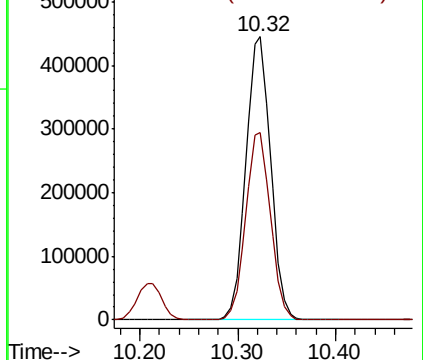
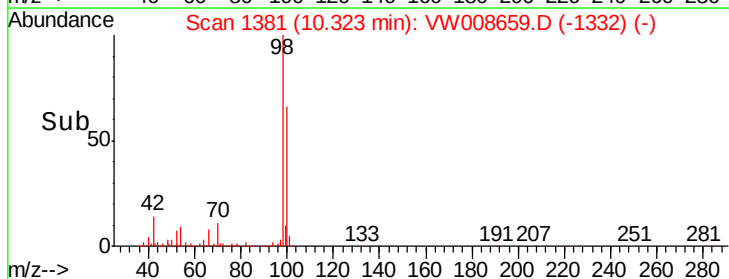


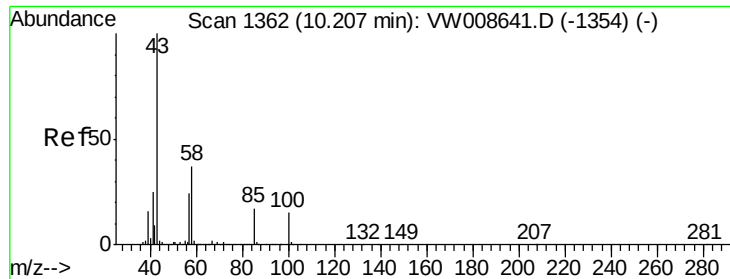
#50
Toluene-d8
Concen: 53.923 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion: 98 Resp: 779112
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
500000 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 226.517 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

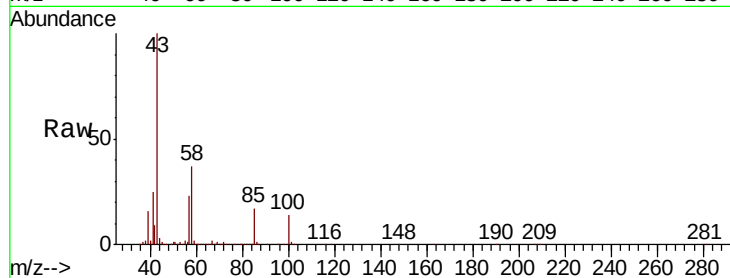
VSTDCCC050

Tgt Ion: 43 Resp: 678754

Ion Ratio Lower Upper

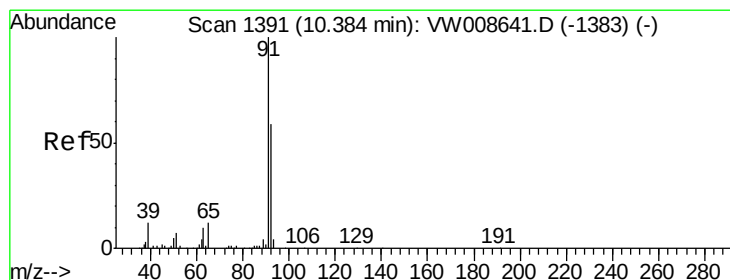
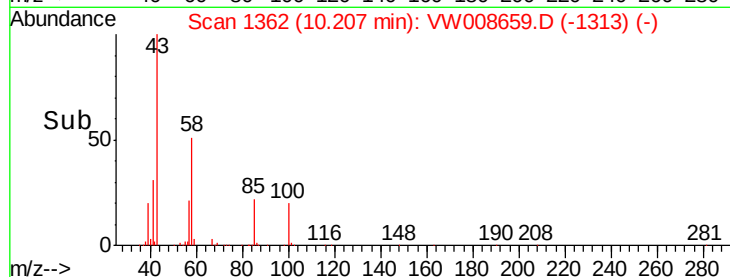
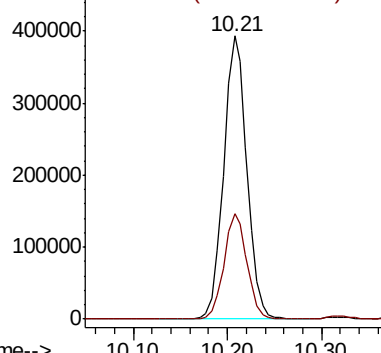
43 100

58 37.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.433 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008659.D

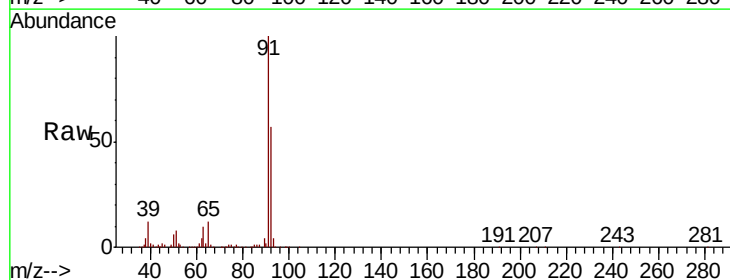
Acq: 14 Feb 2019 11:48

Tgt Ion: 92 Resp: 549553

Ion Ratio Lower Upper

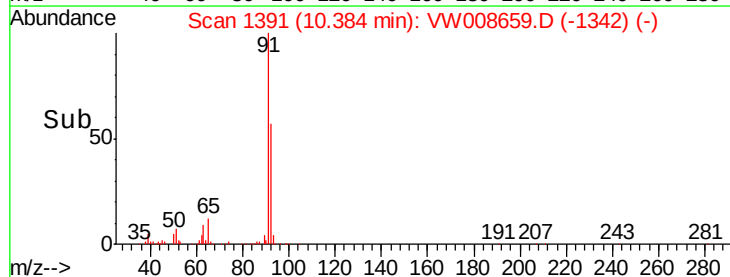
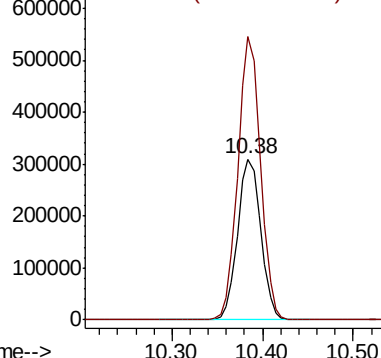
92 100

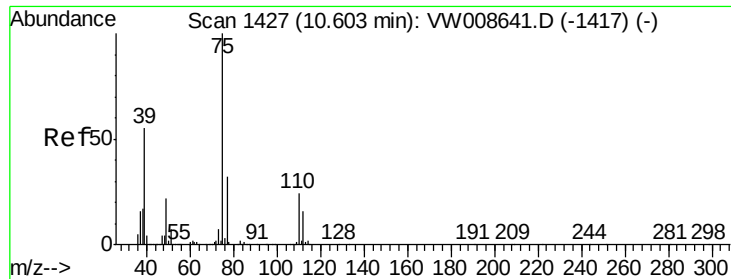
91 171.5 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 50.266 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

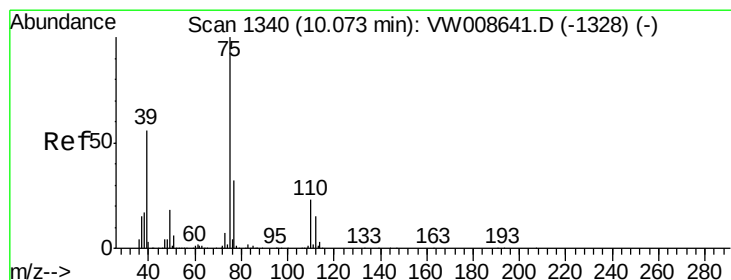
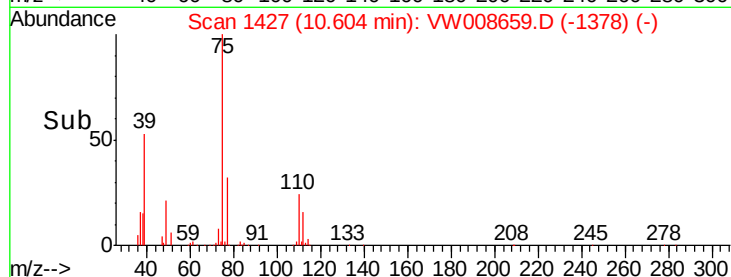
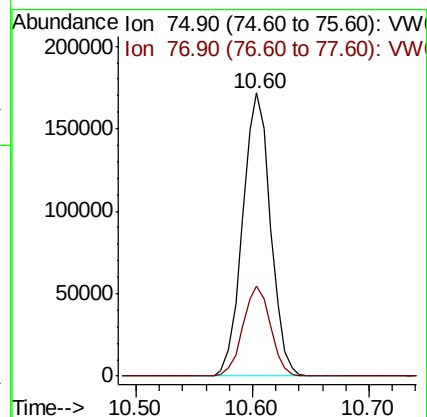
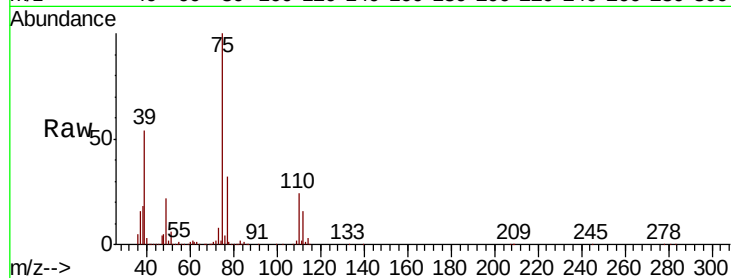
VSTDCCC050

Tgt Ion: 75 Resp: 286557

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 50.991 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

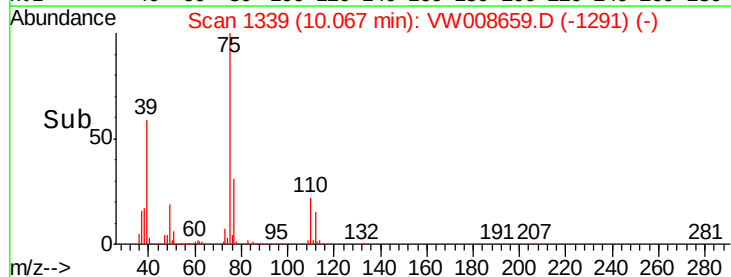
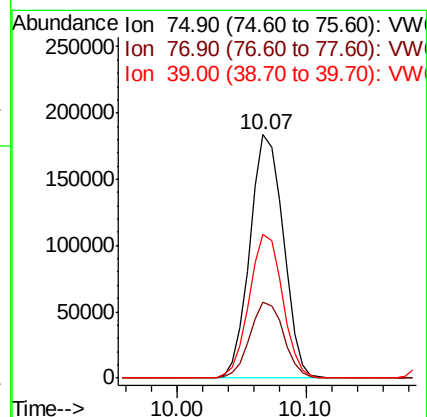
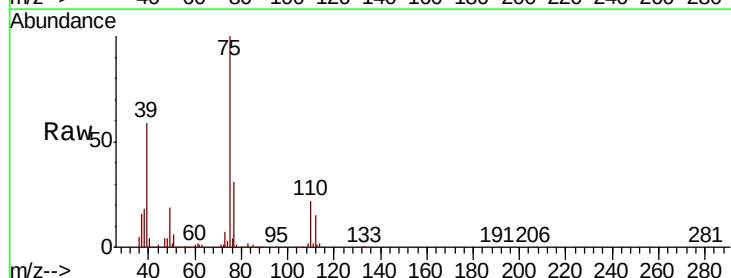
Tgt Ion: 75 Resp: 329523

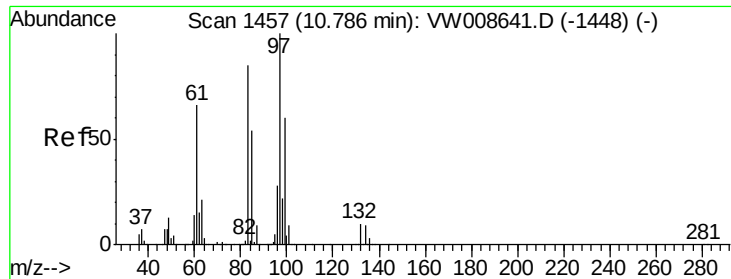
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 58.9 44.5 66.7

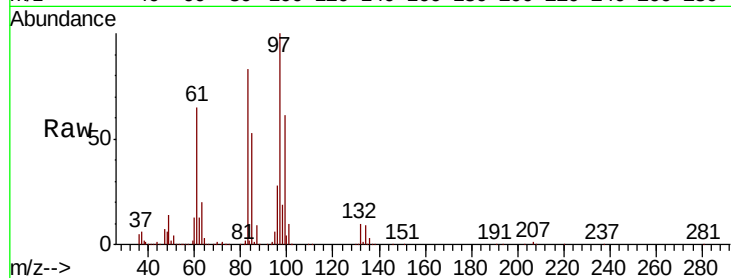




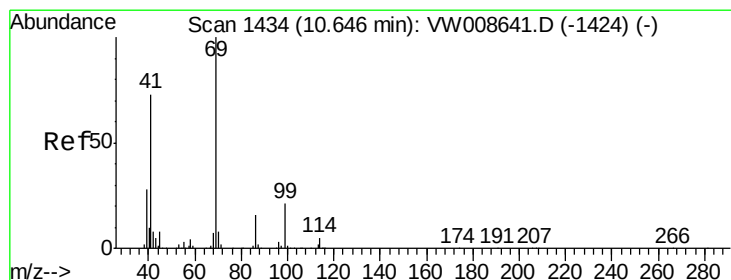
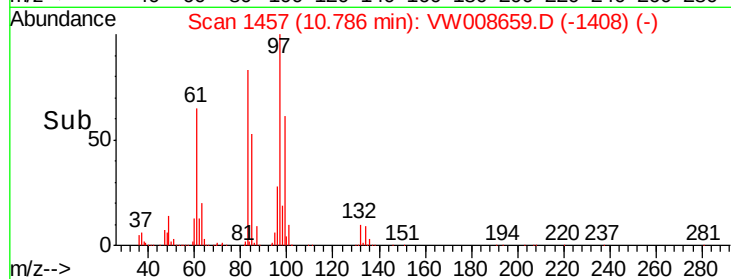
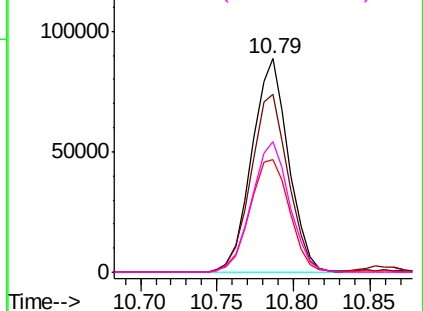
#55
 1,1,2-Trichloroethane
 Concen: 47.670 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	147689
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.4	102.6
85	52.9	43.1	64.7
99	60.8	47.8	71.8

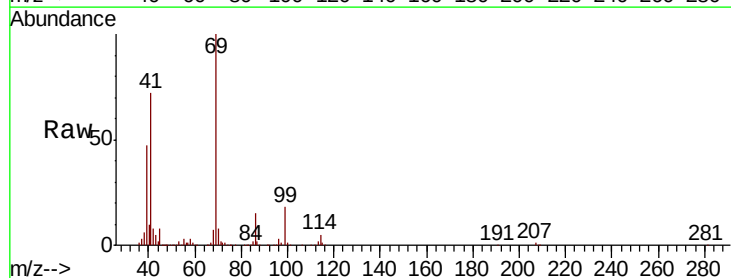


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

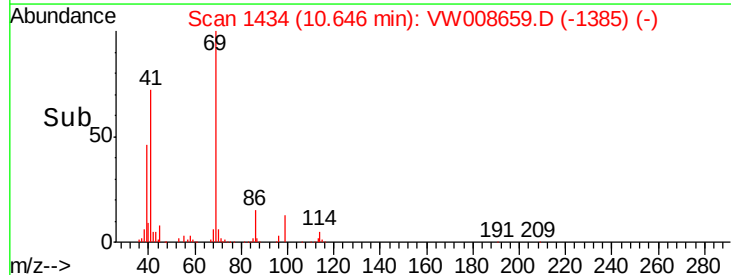
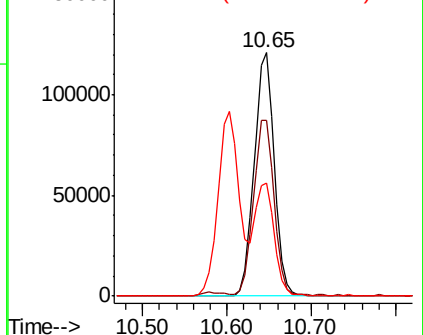


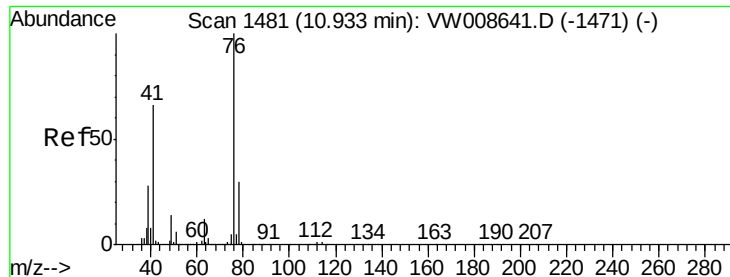
#56
 Ethyl methacrylate
 Concen: 47.560 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion:	69	Resp:	195658
Ion	Ratio	Lower	Upper
69	100		
41	73.9	59.0	88.4
39	42.9	34.4	51.6



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 48.550 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

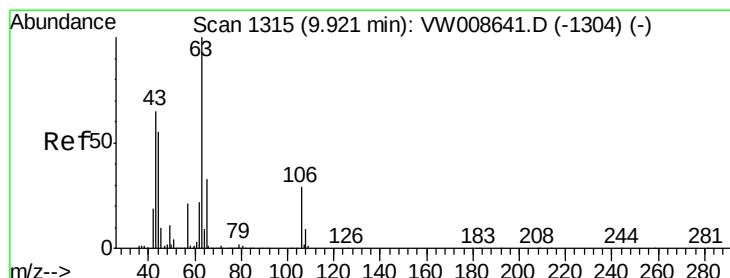
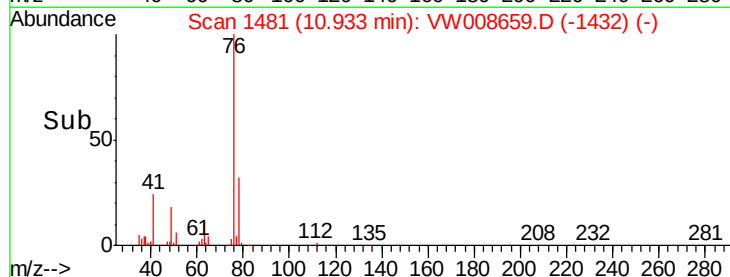
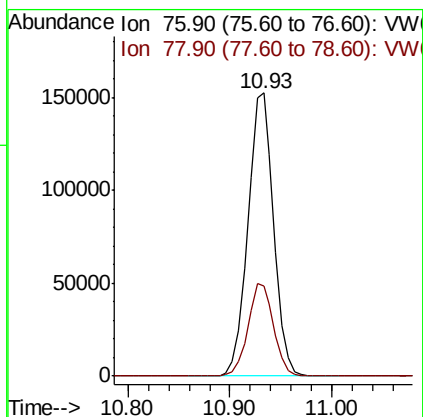
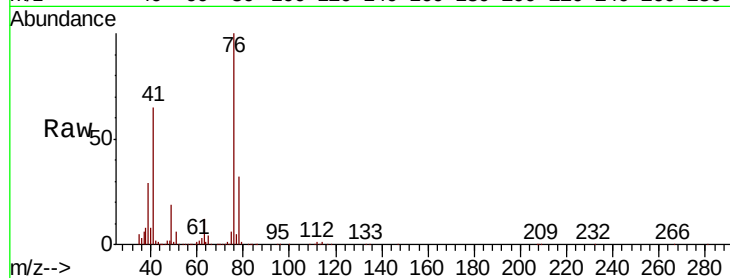
VSTDCCC050

Tgt Ion: 76 Resp: 266877

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 242.673 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW008659.D

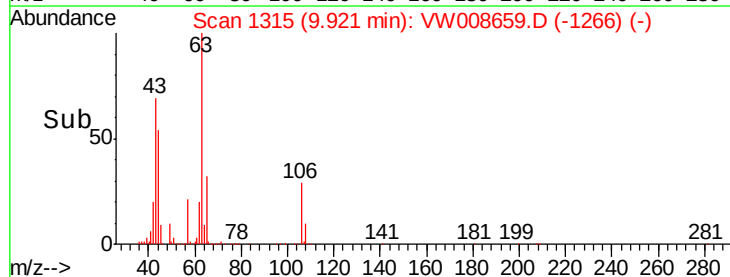
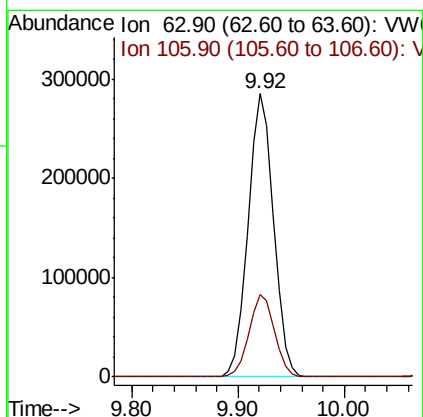
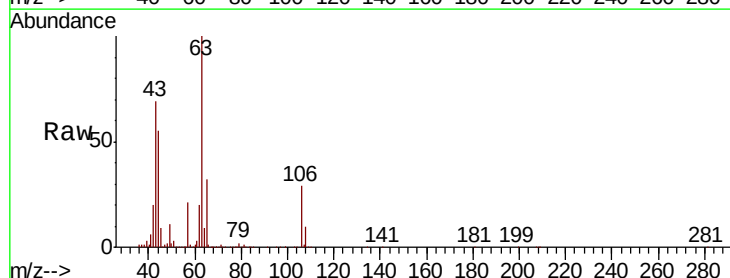
Acq: 14 Feb 2019 11:48

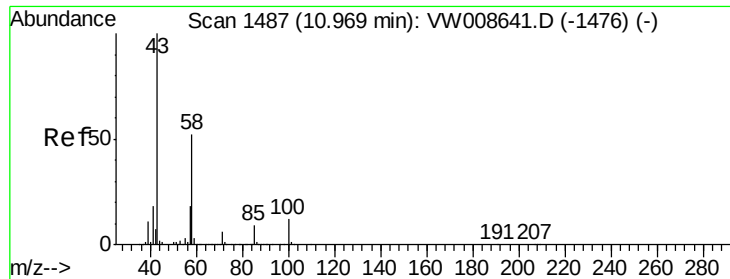
Tgt Ion: 63 Resp: 478912

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2





#59

2-Hexanone

Concen: 232.708 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

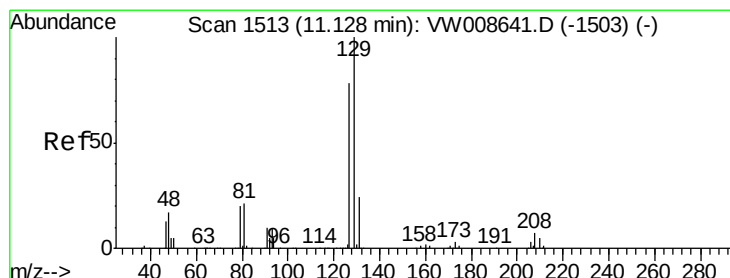
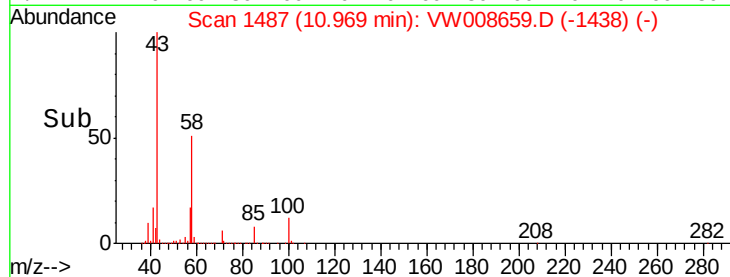
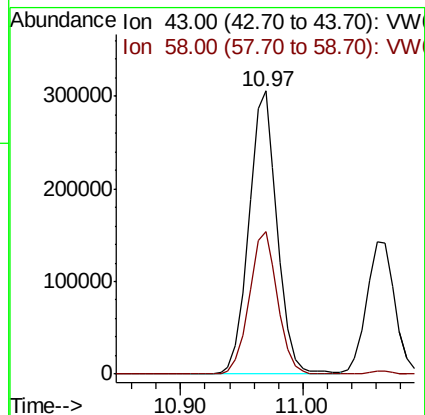
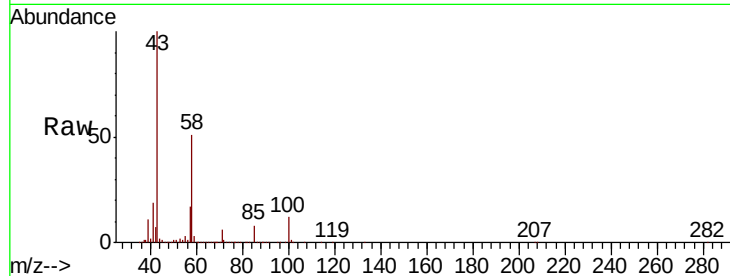
VSTDCCC050

Tgt Ion: 43 Resp: 489856

Ion Ratio Lower Upper

43 100

58 50.4 25.6 76.6



#60

Dibromochloromethane

Concen: 49.125 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008659.D

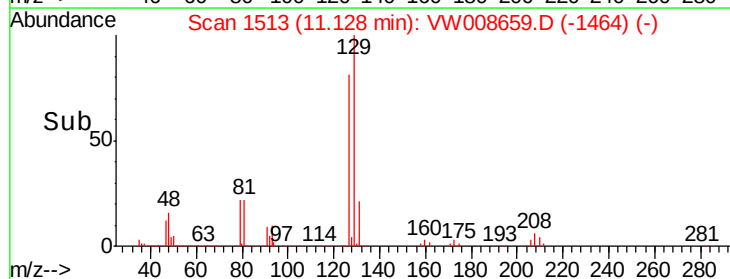
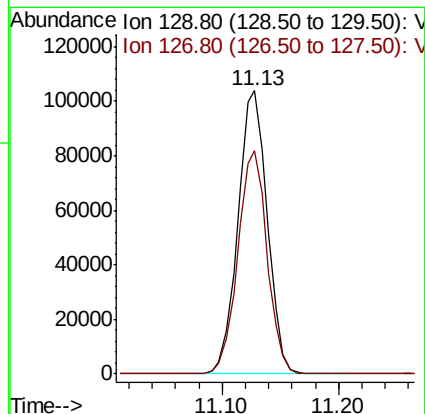
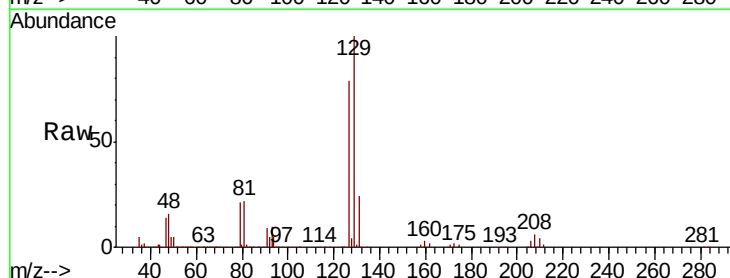
Acq: 14 Feb 2019 11:48

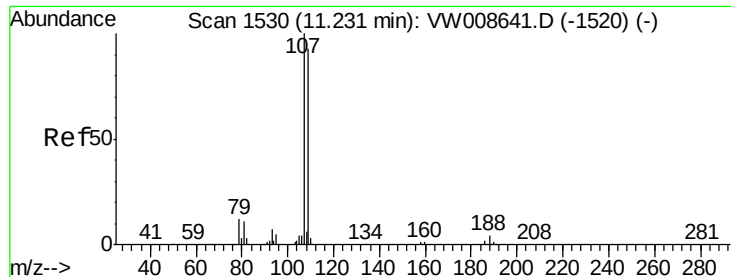
Tgt Ion: 129 Resp: 182108

Ion Ratio Lower Upper

129 100

127 78.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.579 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

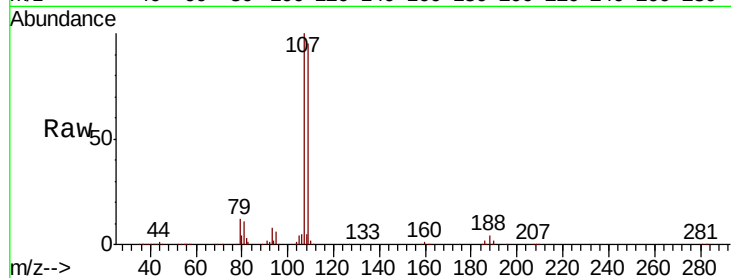
VSTDCCC050

Tgt Ion: 107 Resp: 148188

Ion Ratio Lower Upper

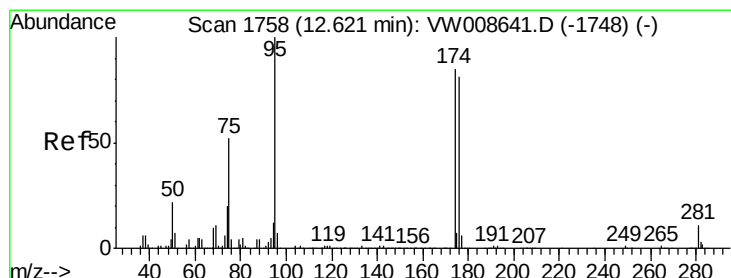
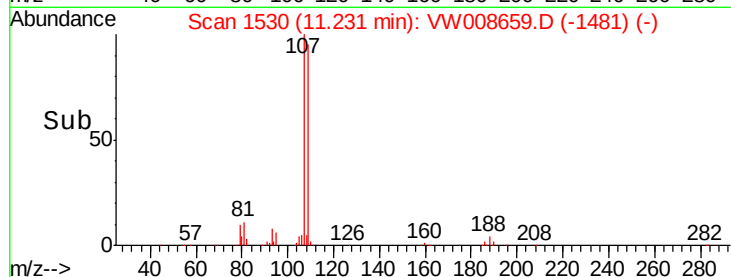
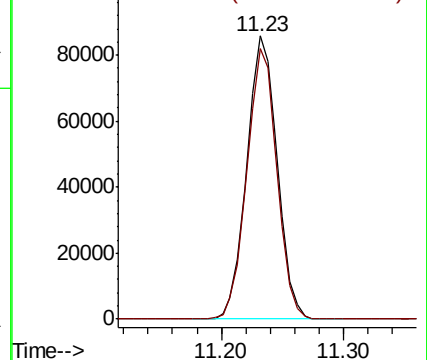
107 100

109 94.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.051 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

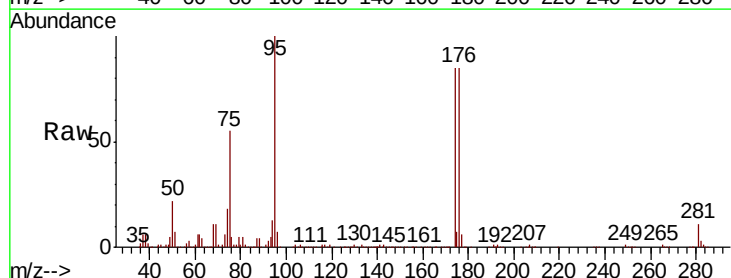
Tgt Ion: 95 Resp: 277831

Ion Ratio Lower Upper

95 100

174 83.4 0.0 163.2

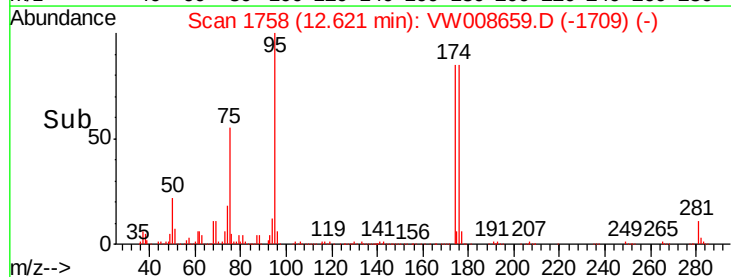
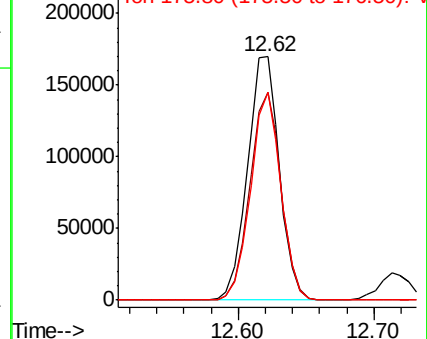
176 80.9 0.0 158.0

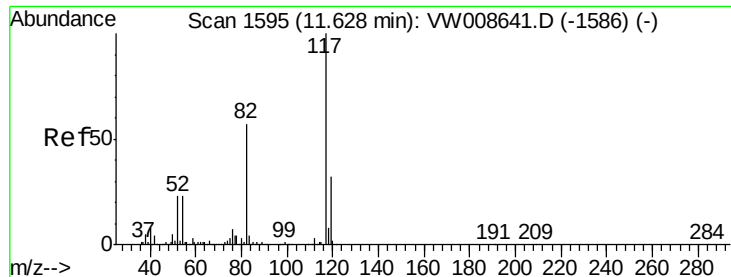


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

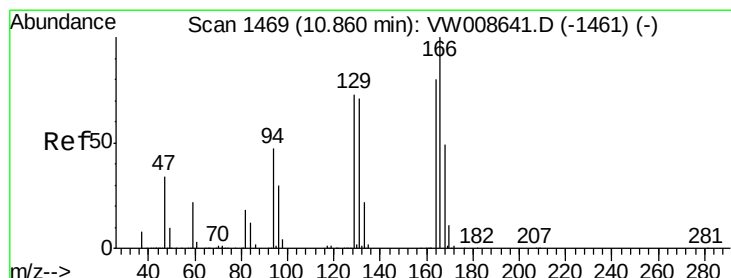
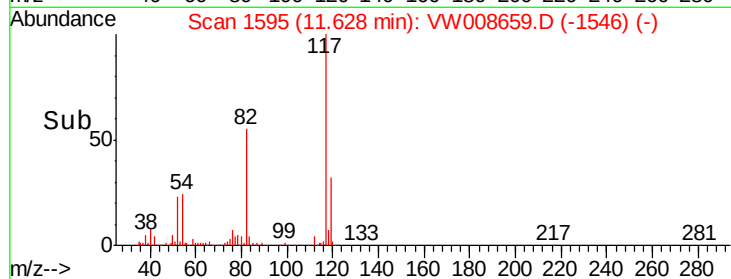
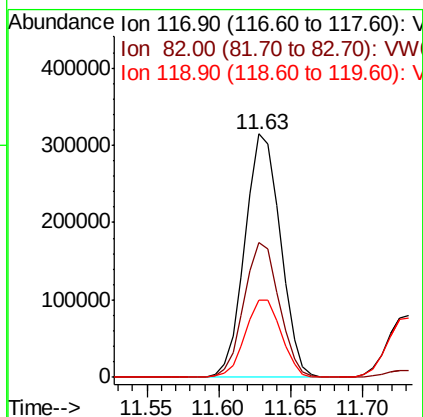
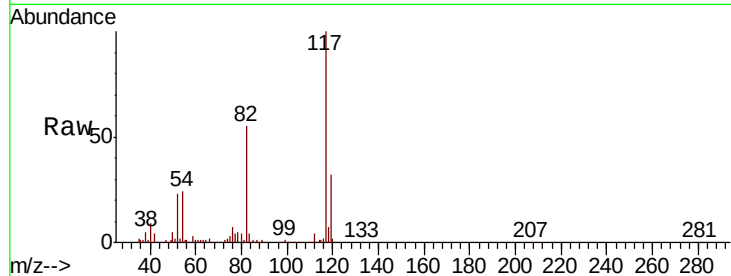




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

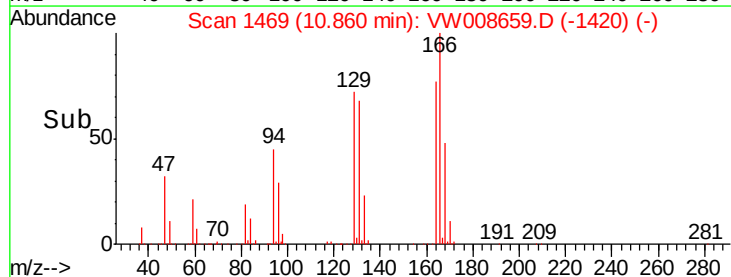
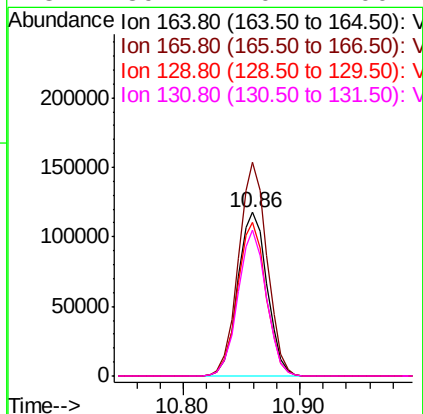
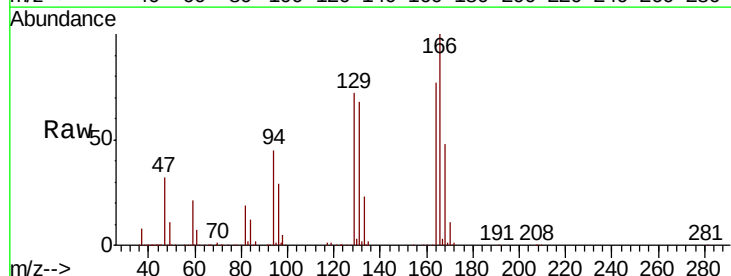
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

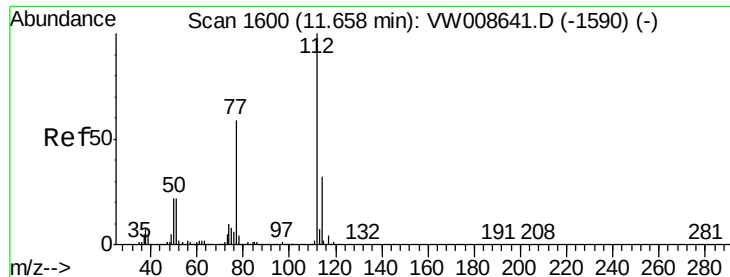
Tgt Ion:117 Resp: 536945
Ion Ratio Lower Upper
117 100
82 55.1 45.6 68.4
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 51.536 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion:164 Resp: 205778
Ion Ratio Lower Upper
164 100
166 130.4 100.2 150.2
129 93.7 73.6 110.4
131 89.1 70.7 106.1

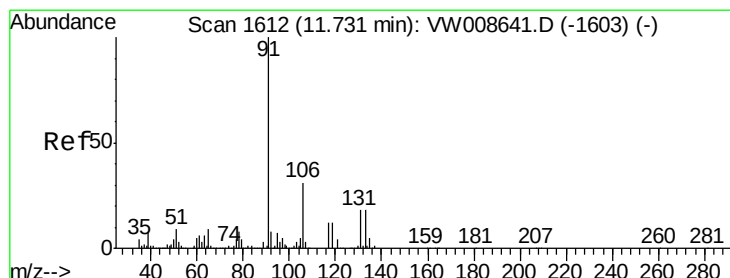
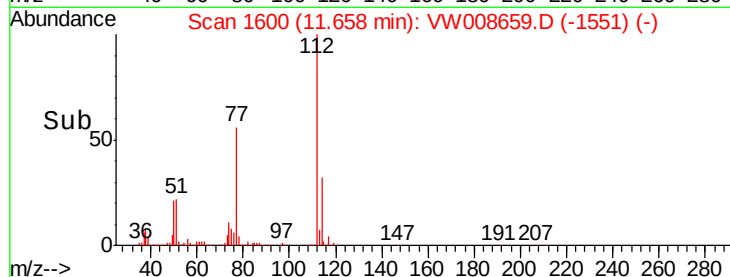
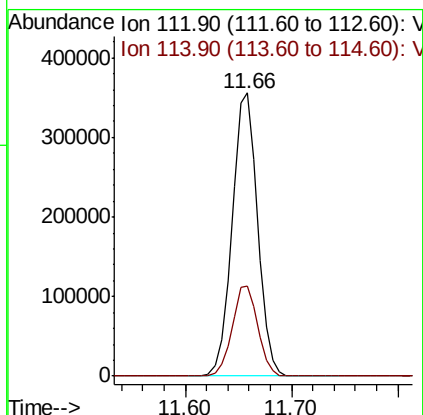
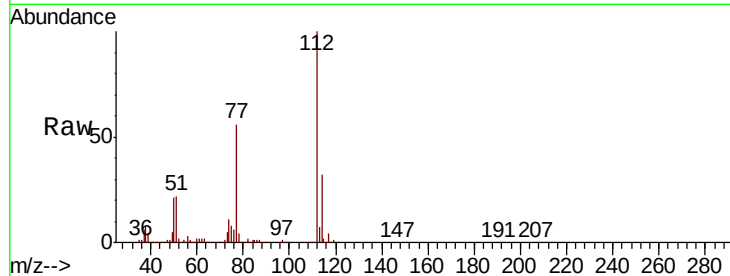




#65
Chlorobenzene
Concen: 51.390 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

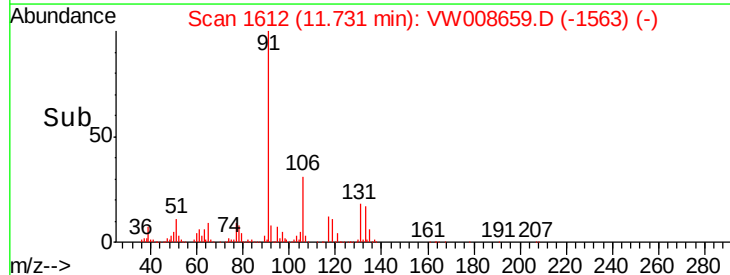
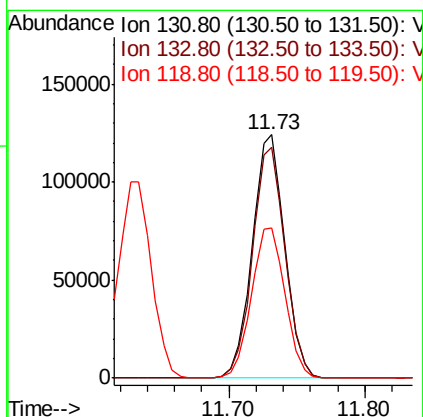
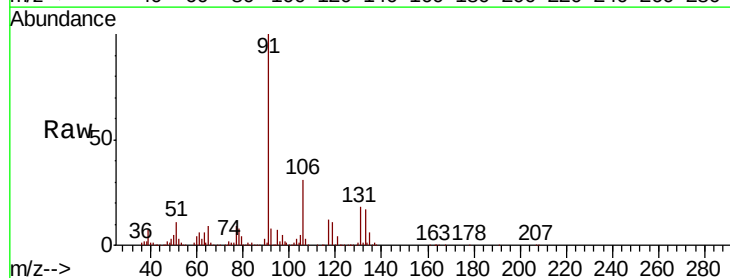
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

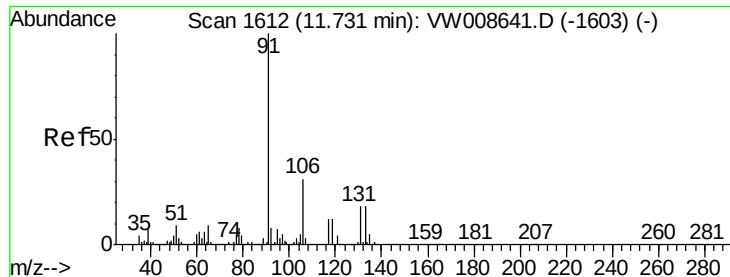
Tgt Ion:112 Resp: 594744
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.729 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion:131 Resp: 207980
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 63.8 31.6 94.8

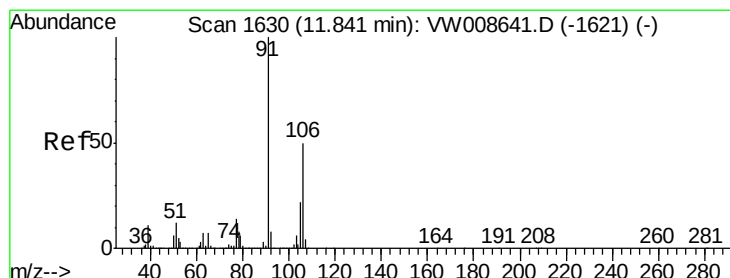
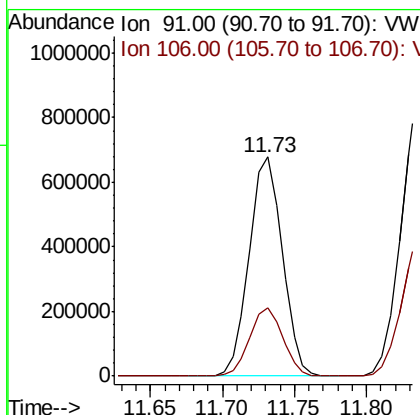
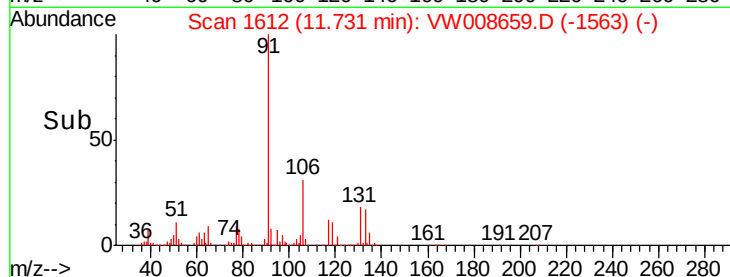
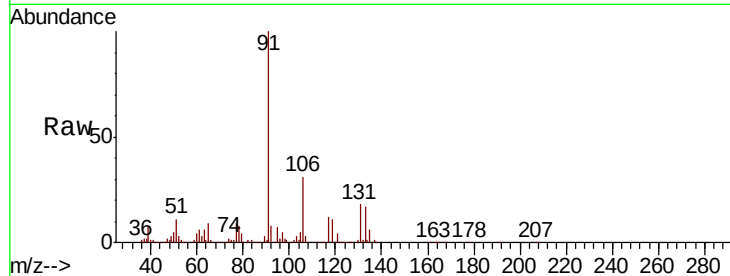




#67
Ethyl Benzene
Concen: 52.478 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

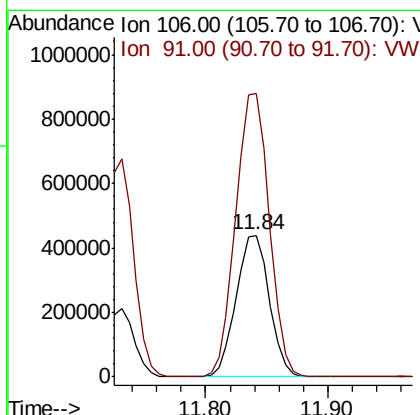
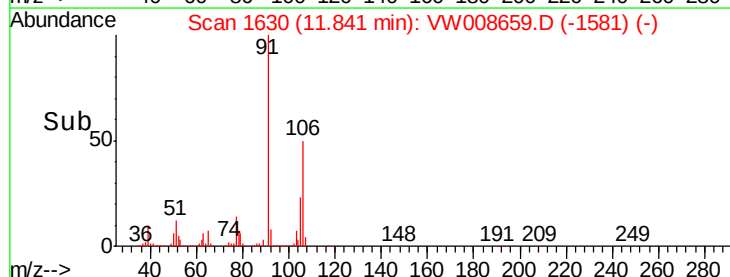
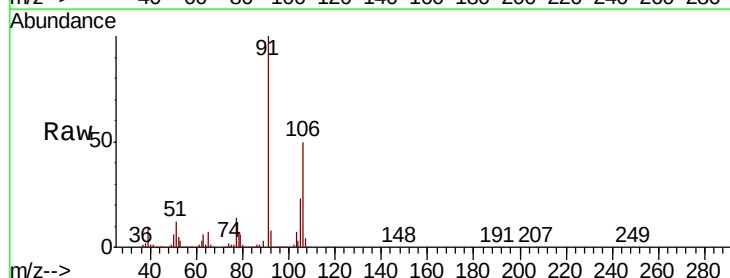
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

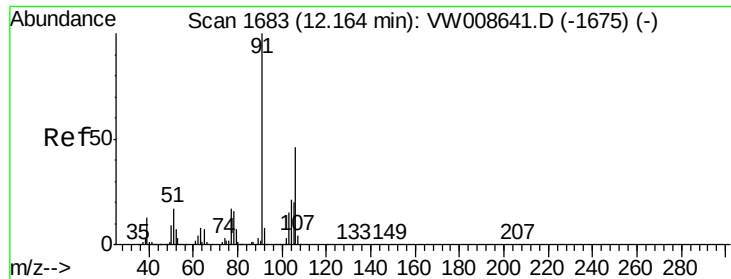
Tgt Ion: 91 Resp: 1081845
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 103.260 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion: 106 Resp: 828270
Ion Ratio Lower Upper
106 100
91 202.1 161.0 241.4

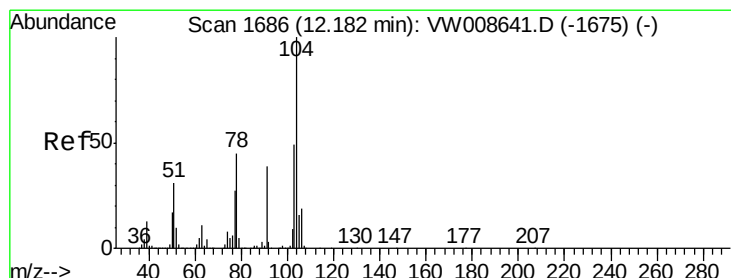
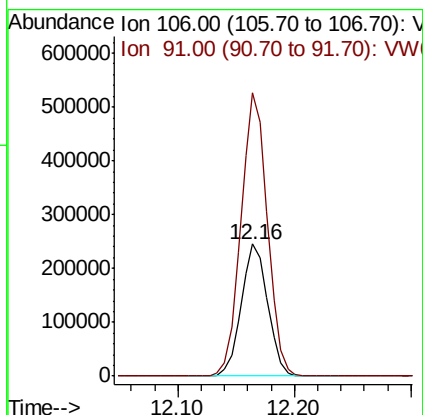
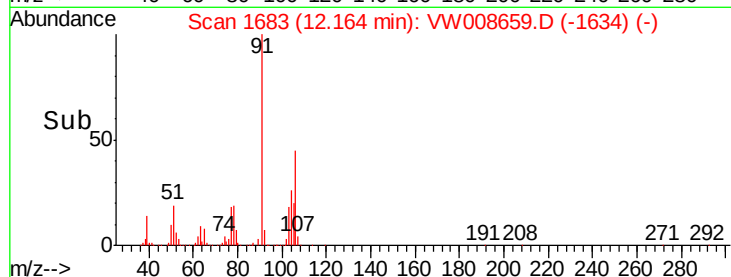
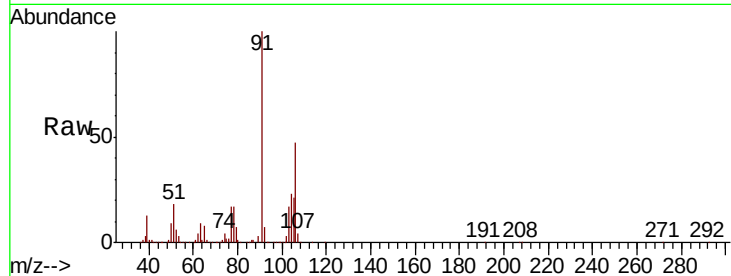




#69
o-Xylene
Concen: 51.268 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

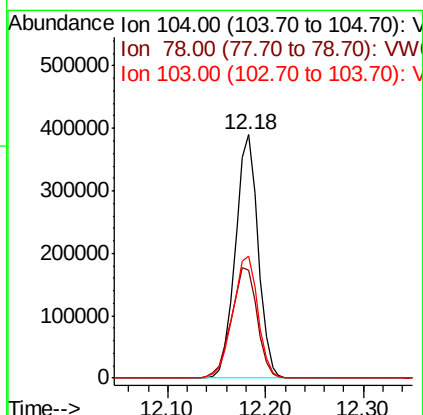
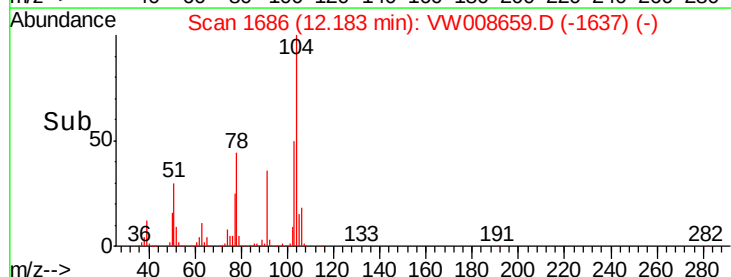
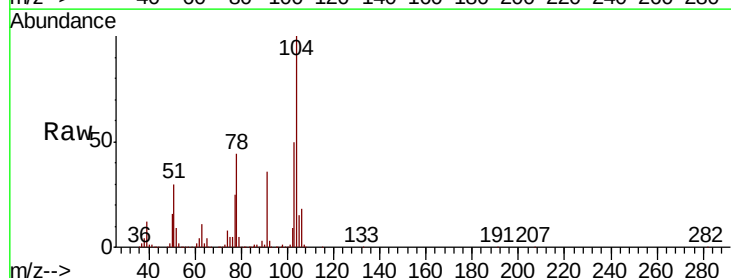
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

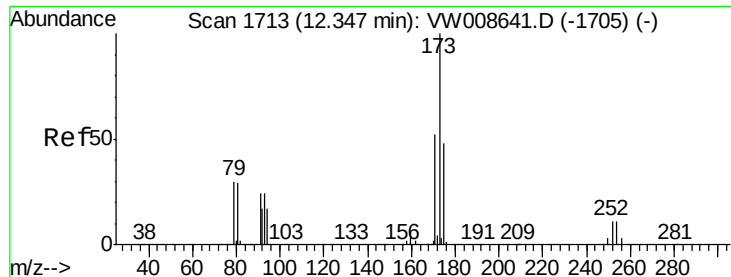
Tgt Ion:106 Resp: 388716
Ion Ratio Lower Upper
106 100
91 213.5 106.7 320.1



#70
Styrene
Concen: 50.689 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion:104 Resp: 627735
Ion Ratio Lower Upper
104 100
78 51.6 41.5 62.3
103 55.1 43.5 65.3

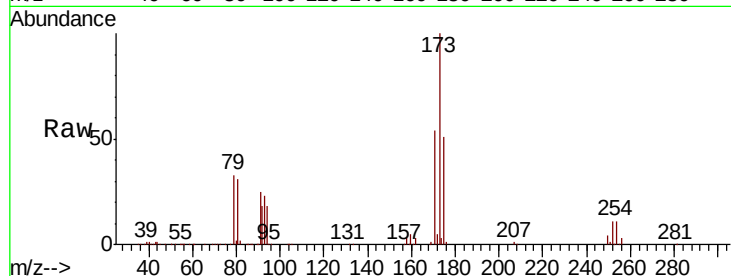




#71
Bromoform
Concen: 47.412 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.9	74.7
254	0.1	0.1	0.1

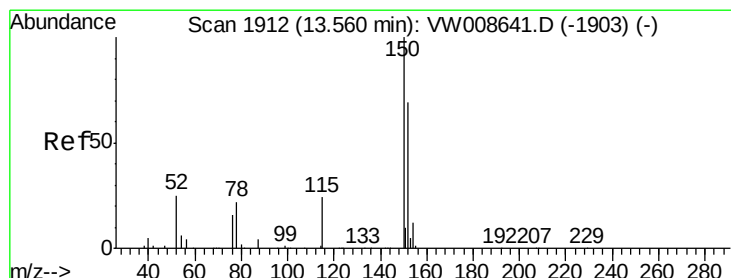
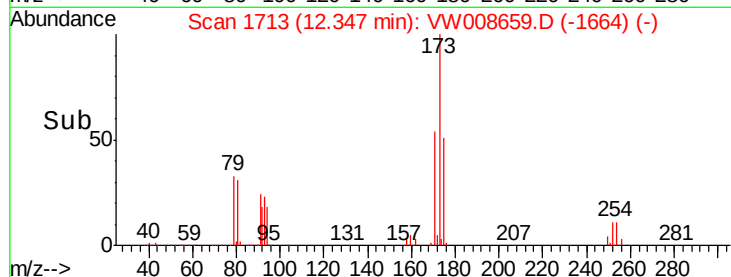
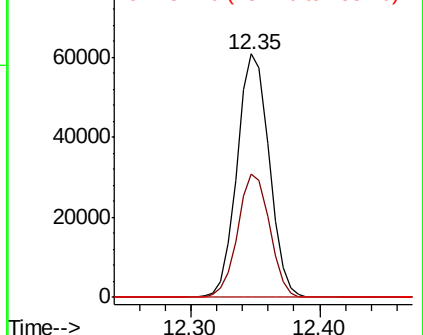


Abundance

Ion 172.70 (172.40 to 173.40): V

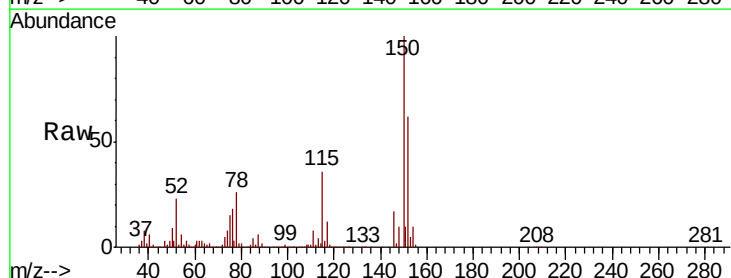
Ion 174.70 (174.40 to 175.40): V

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: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	87.8
150	177.2	0.0	352.8

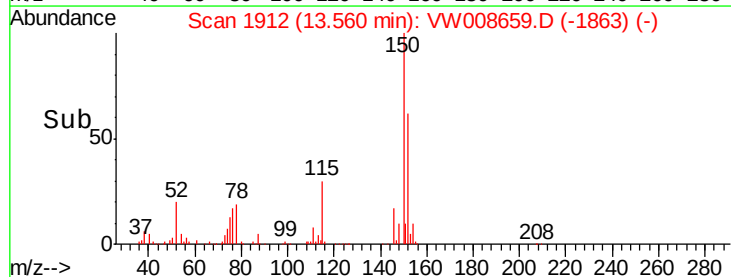
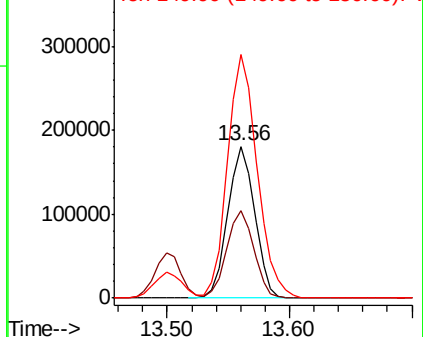


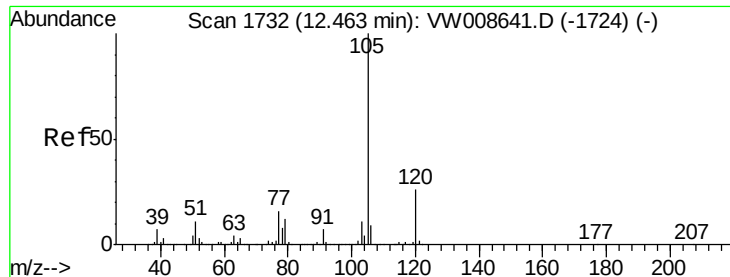
Abundance

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: 53.715 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

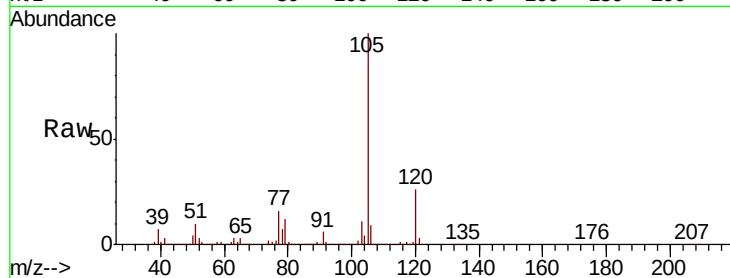
VSTDCCC050

Tgt Ion: 105 Resp: 1098150

Ion Ratio Lower Upper

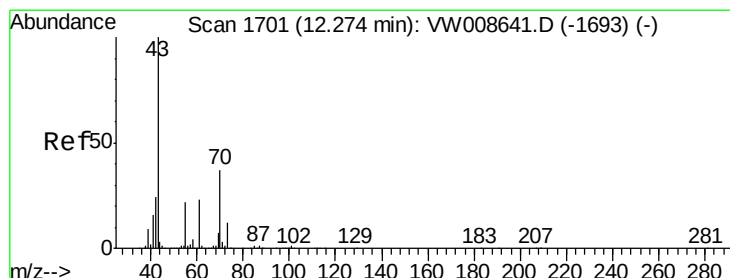
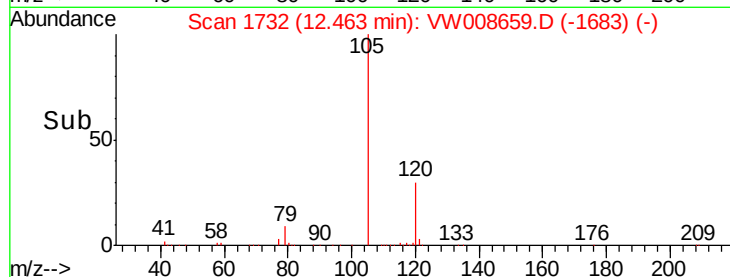
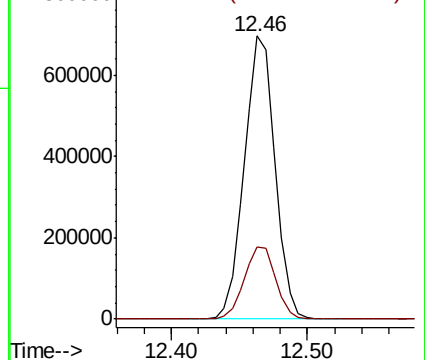
105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.215 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Tgt Ion: 43 Resp: 261027

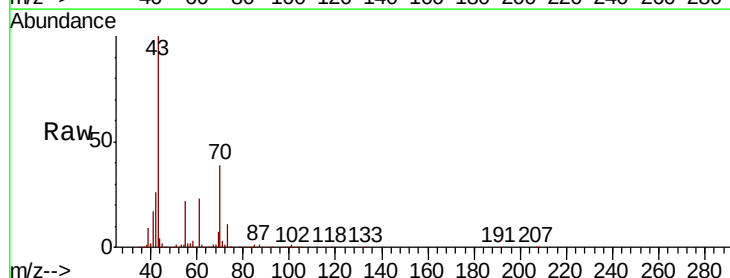
Ion Ratio Lower Upper

43 100

70 38.9 30.5 45.7

55 22.4 17.6 26.4

61 22.7 17.9 26.9

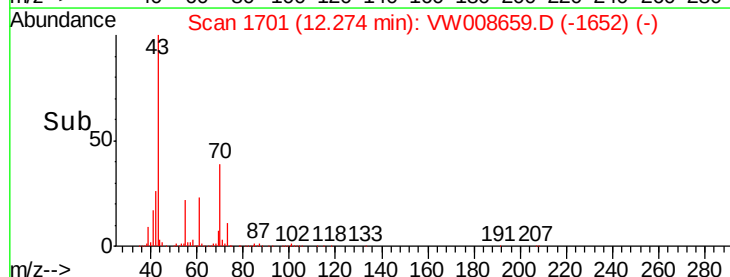
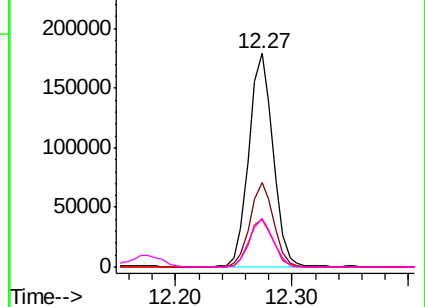


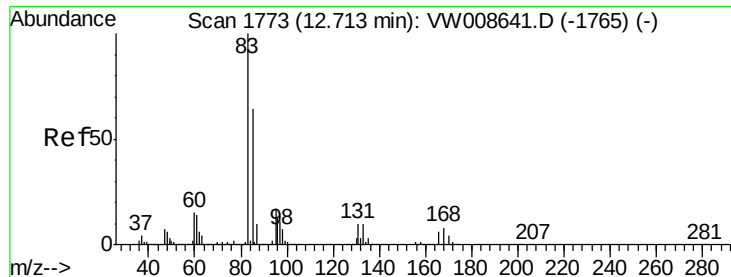
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 49.358 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

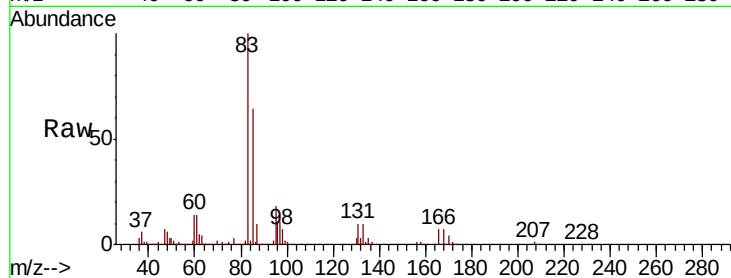
Tgt Ion: 83 Resp: 175566

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

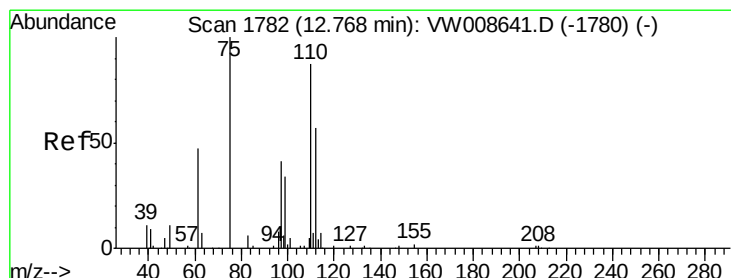
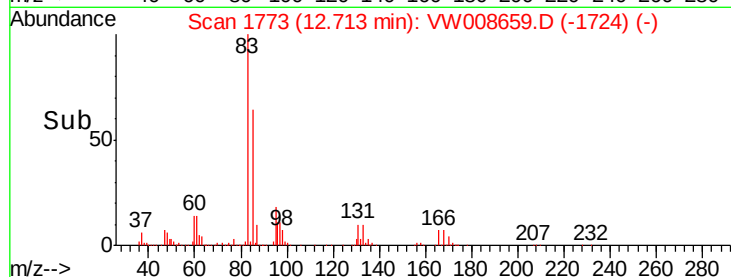
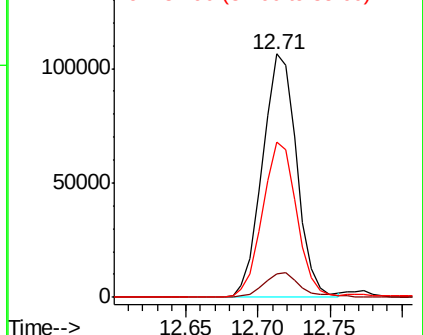
85 63.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 88.341 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008659.D

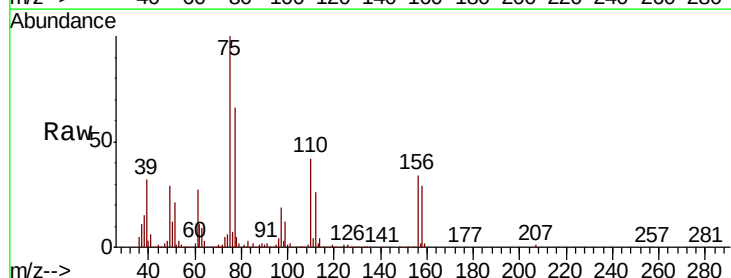
Acq: 14 Feb 2019 11:48

Tgt Ion: 75 Resp: 239420

Ion Ratio Lower Upper

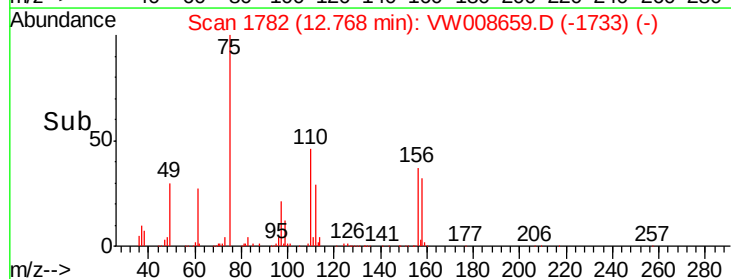
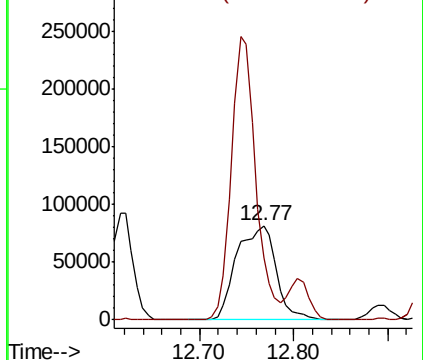
75 100

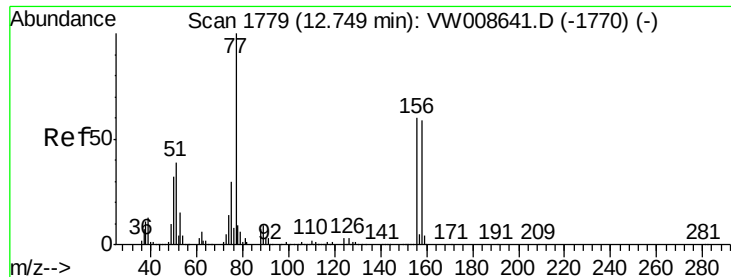
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.178 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

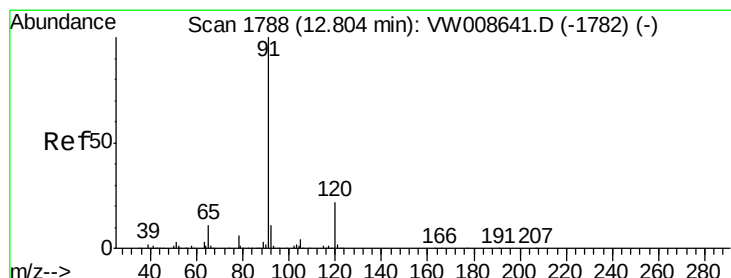
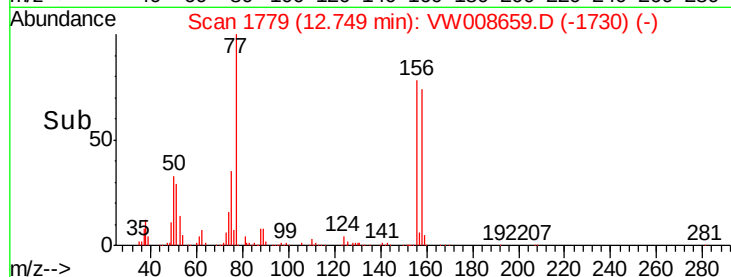
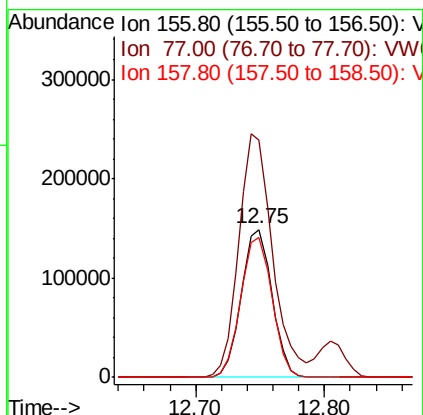
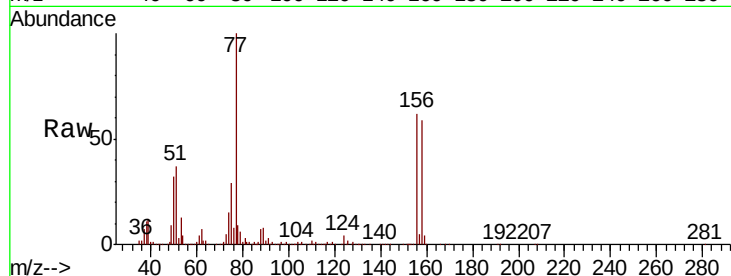
Tgt Ion: 156 Resp: 245208

Ion Ratio Lower Upper

156 100

77 181.4 93.2 279.5

158 96.5 48.5 145.5



#78

n-propylbenzene

Concen: 54.583 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008659.D

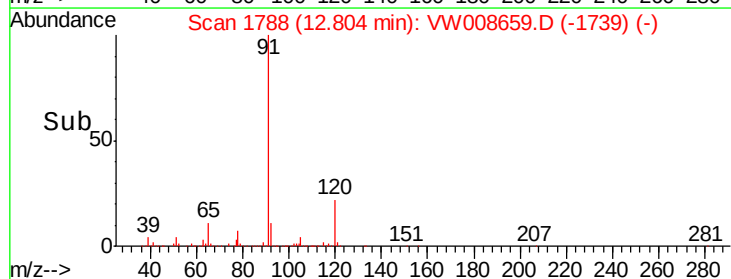
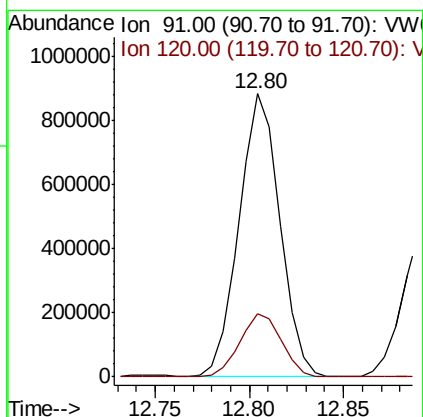
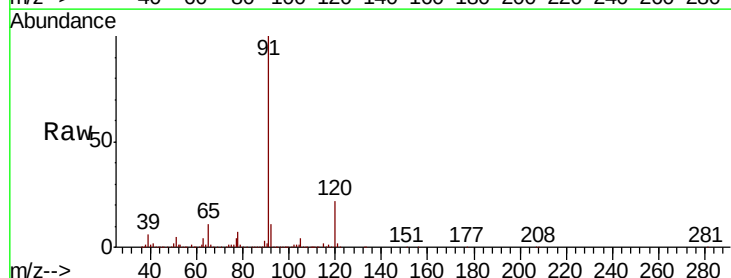
Acq: 14 Feb 2019 11:48

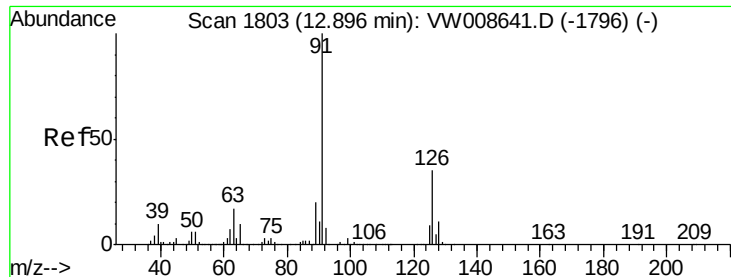
Tgt Ion: 91 Resp: 1325892

Ion Ratio Lower Upper

91 100

120 22.8 11.4 34.2

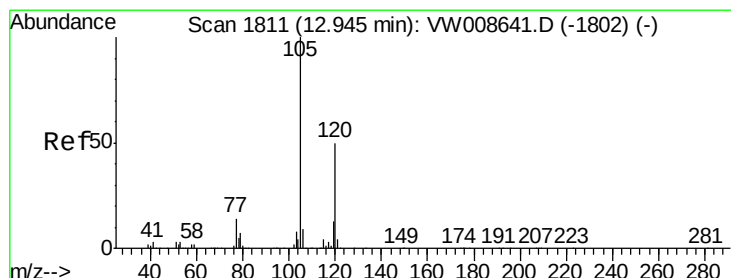
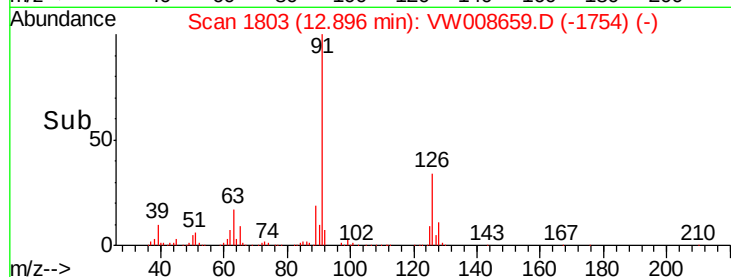
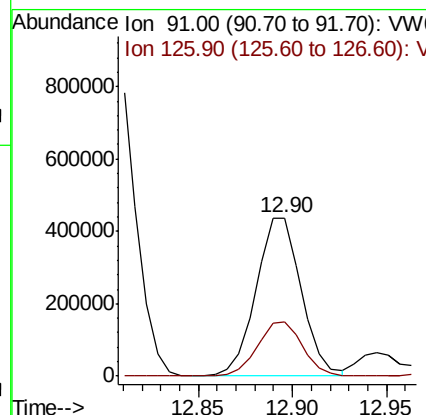
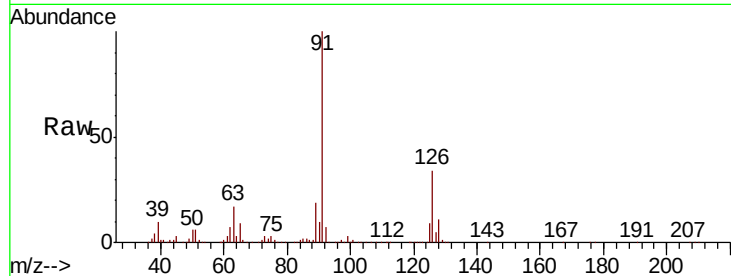




#79
 2-Chlorotoluene
 Concen: 52.939 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

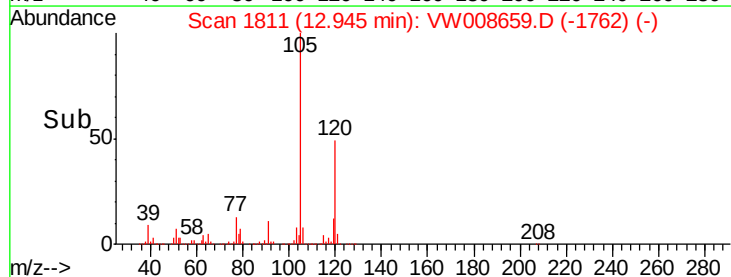
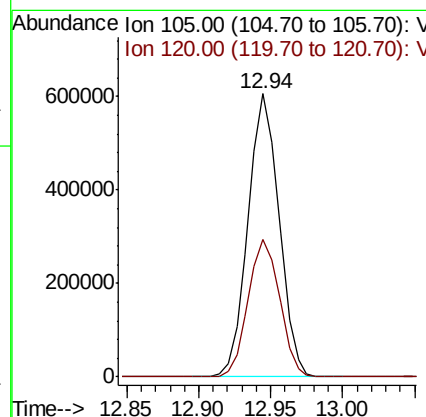
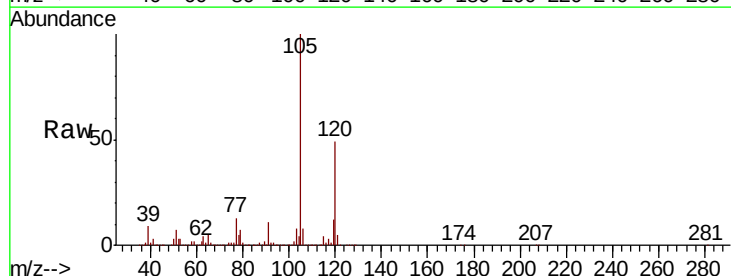
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

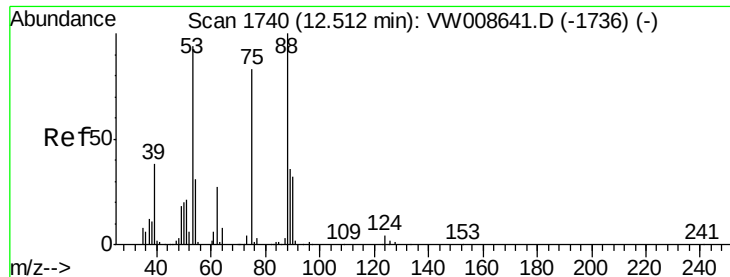
Tgt Ion: 91 Resp: 726786
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.0 50.9



#80
 1,3,5-Trimethylbenzene
 Concen: 53.116 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion: 105 Resp: 901959
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.806 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

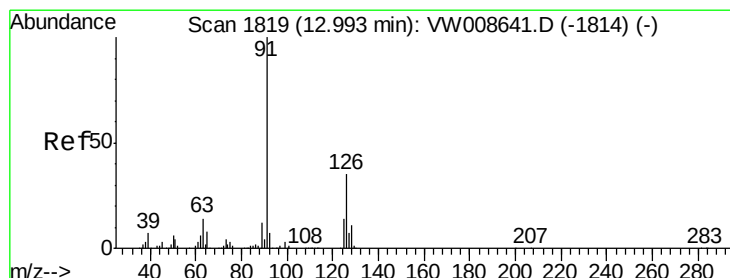
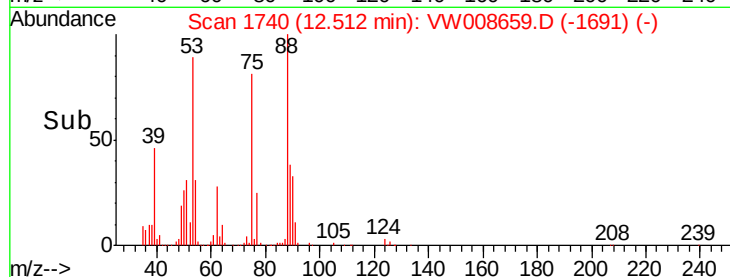
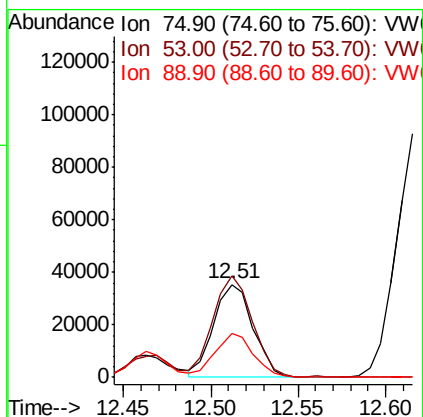
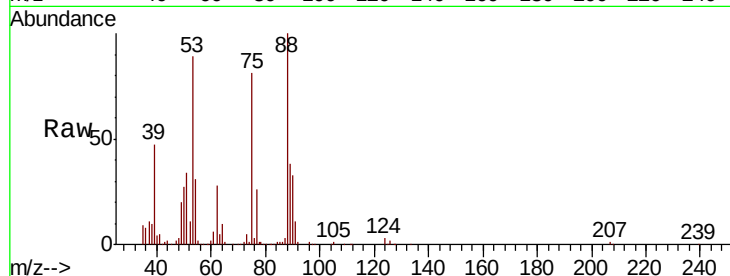
Tgt Ion: 75 Resp: 54737

Ion Ratio Lower Upper

75 100

53 109.0 87.4 131.0

89 46.3 37.0 55.4



#82

4-Chlorotoluene

Concen: 52.609 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008659.D

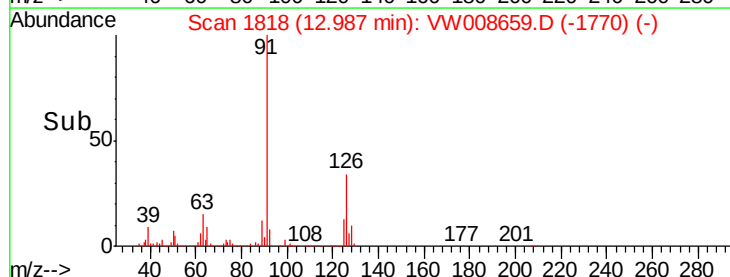
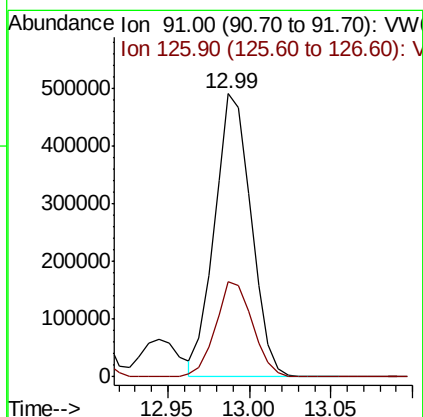
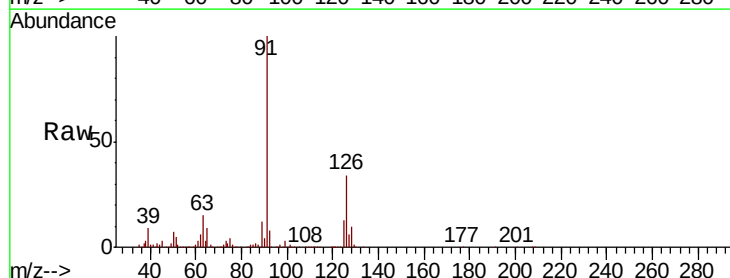
Acq: 14 Feb 2019 11:48

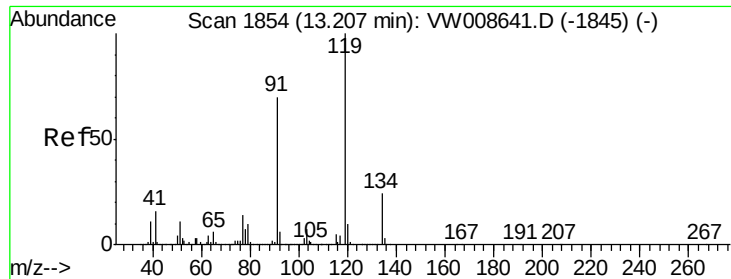
Tgt Ion: 91 Resp: 765413

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.7

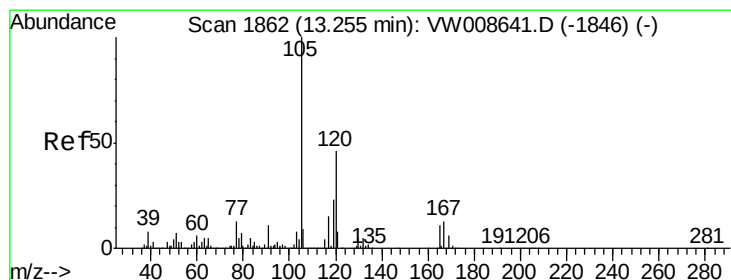
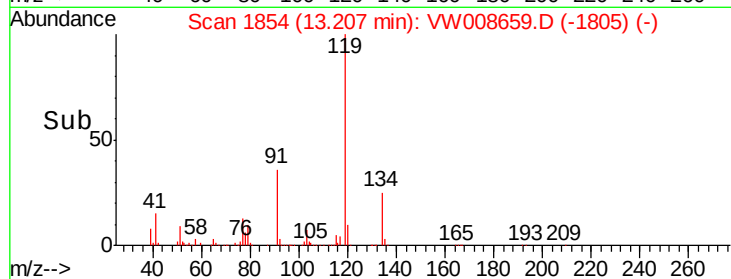
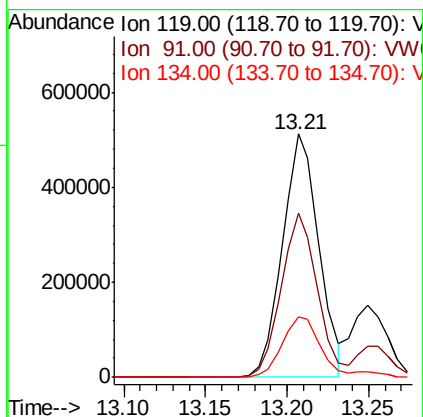
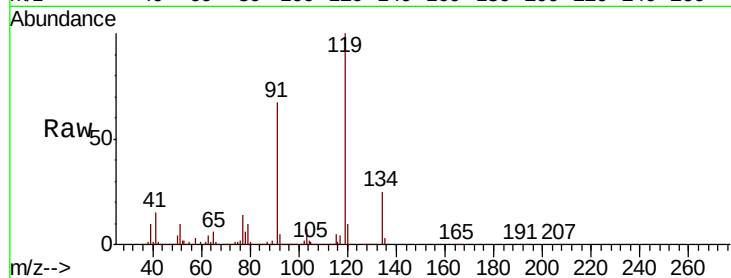




#83
 tert-Butylbenzene
 Concen: 53.916 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

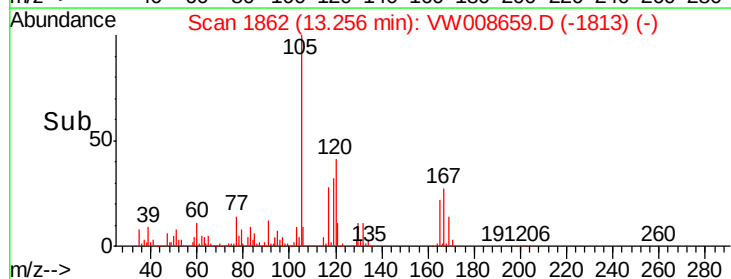
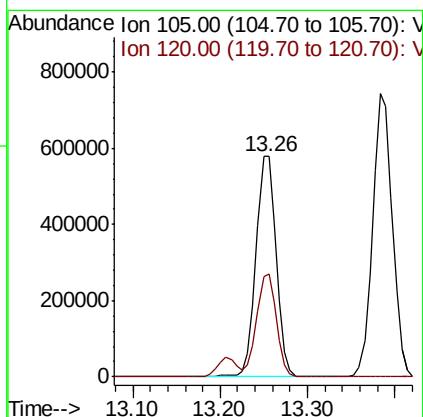
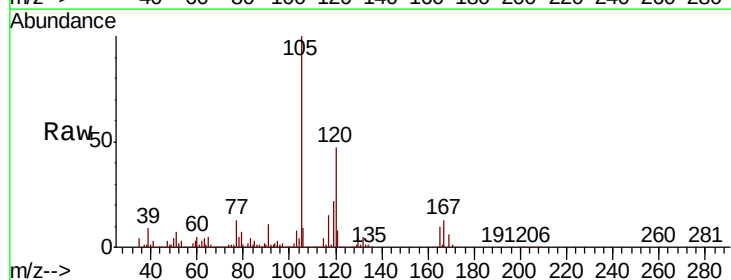
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

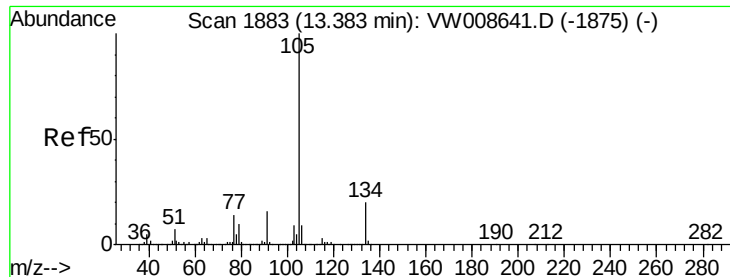
Tgt Ion:119 Resp: 794996
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.0 102.0
 134 27.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.019 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion:105 Resp: 925346
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 54.111 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

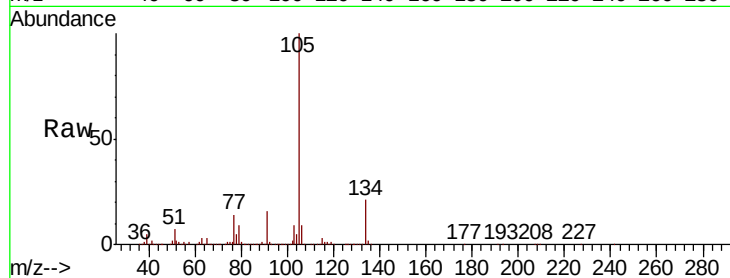
VSTDCCC050

Tgt Ion:105 Resp: 1161748

Ion Ratio Lower Upper

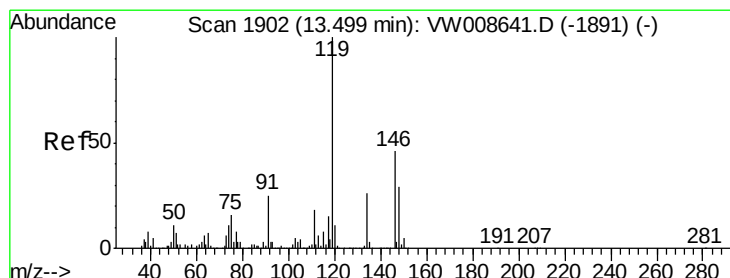
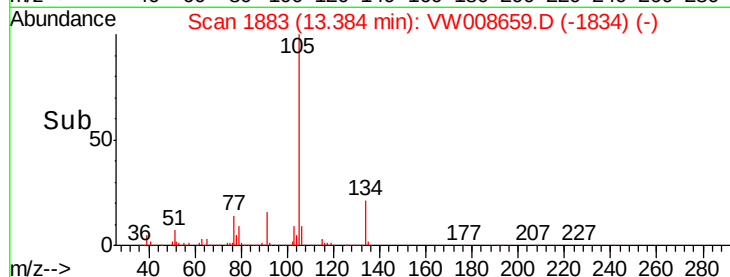
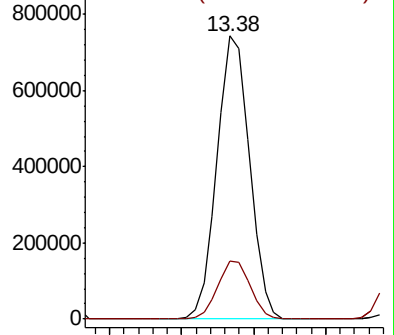
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.475 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008659.D

Acq: 14 Feb 2019 11:48

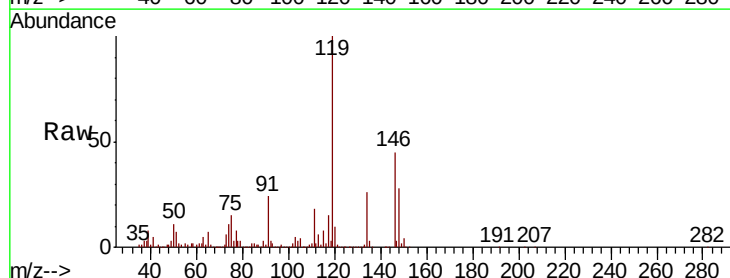
Tgt Ion:119 Resp: 1027083

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

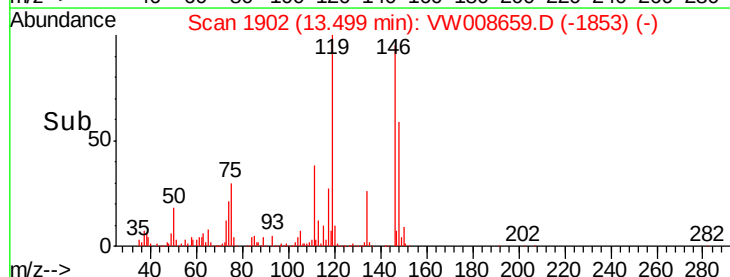
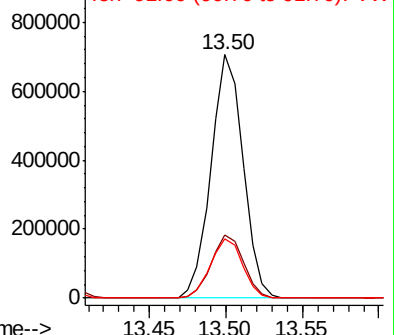
91 24.6 12.3 36.9

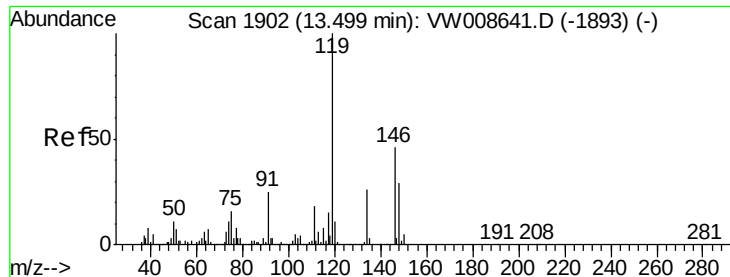


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

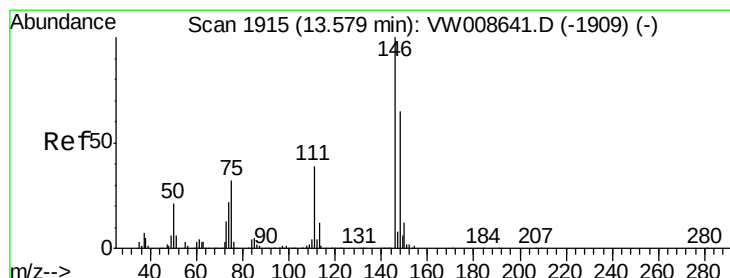
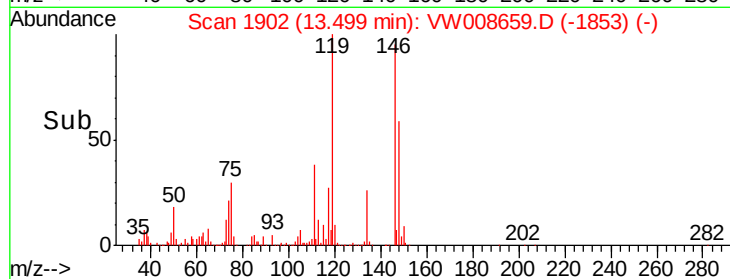
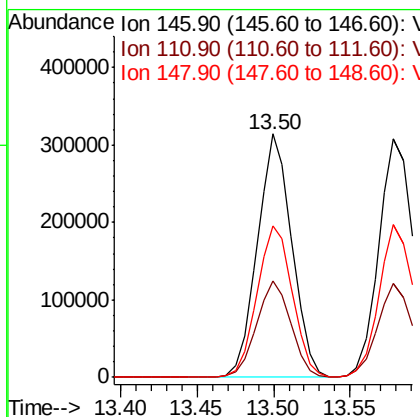
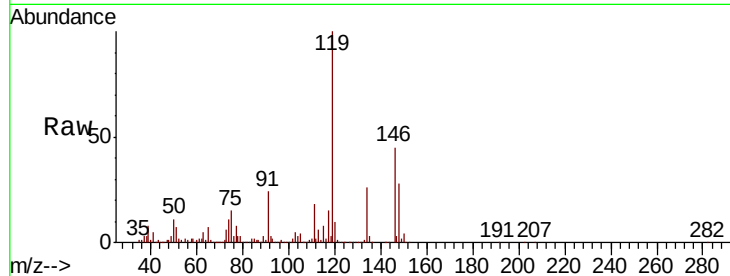




#87
 1,3-Dichlorobenzene
 Concen: 51.879 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

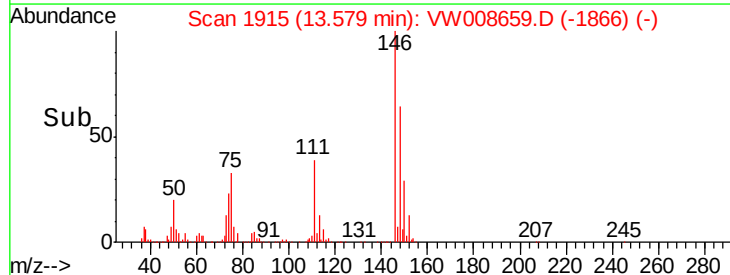
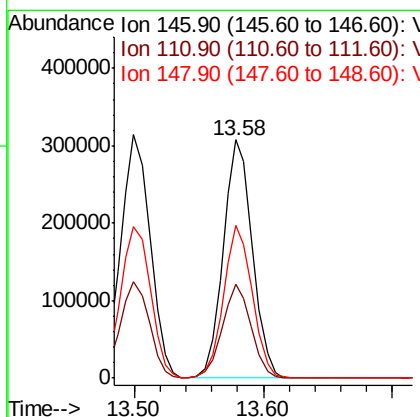
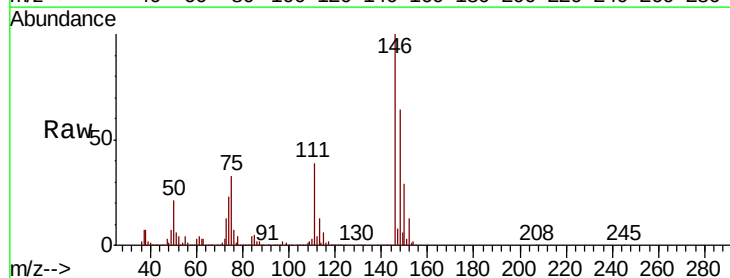
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

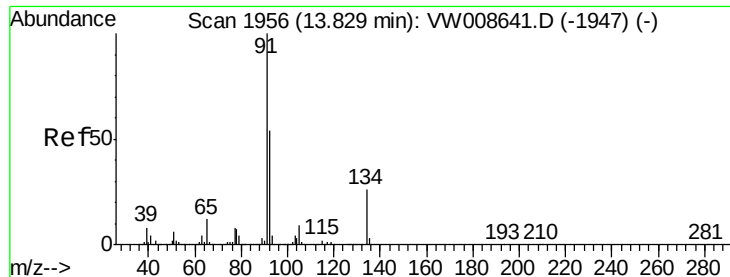
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.1
148	63.6	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 51.835 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	63.2	31.8	95.4

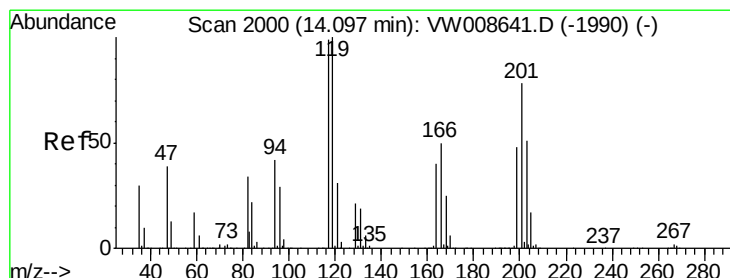
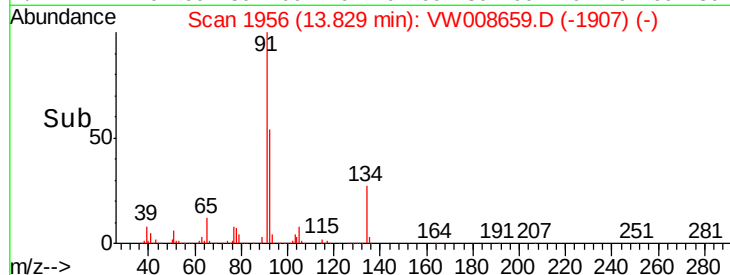
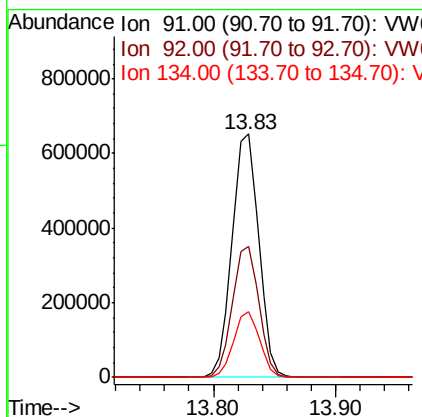
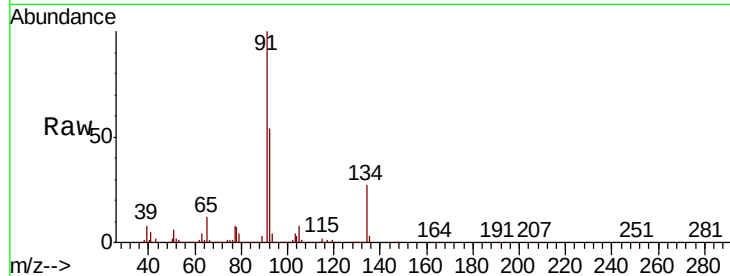




#89
n-Butylbenzene
Concen: 53.791 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

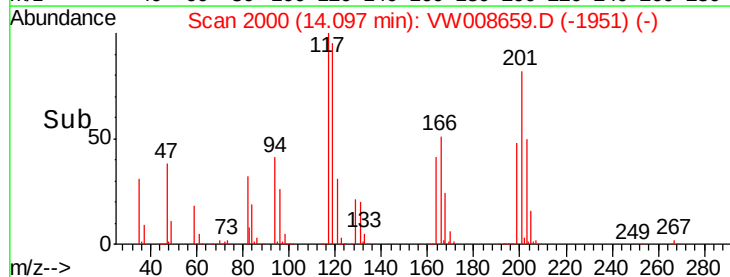
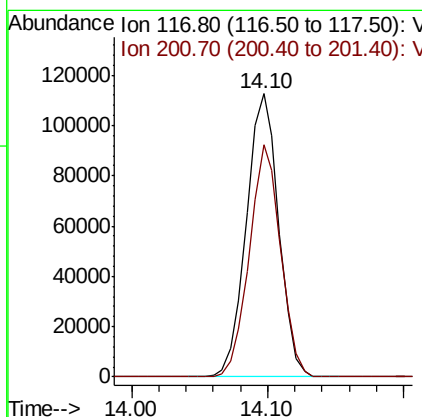
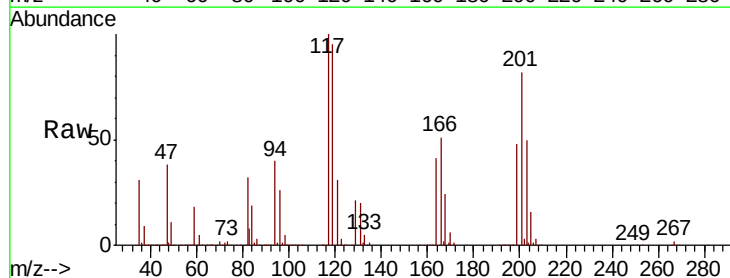
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

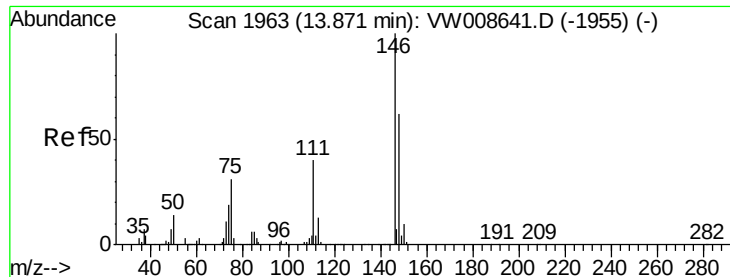
Tgt Ion: 91 Resp: 981781
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 26.4 13.0 39.0



#90
Hexachloroethane
Concen: 55.793 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion: 117 Resp: 187219
Ion Ratio Lower Upper
117 100
201 79.5 38.7 116.1

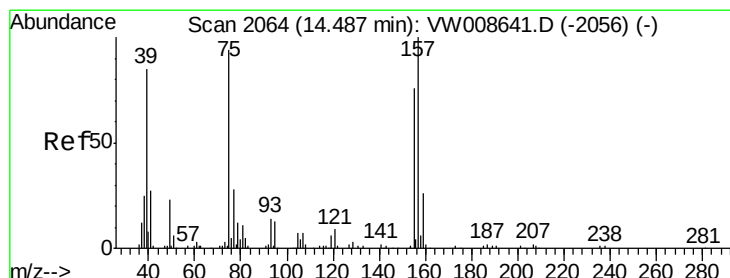
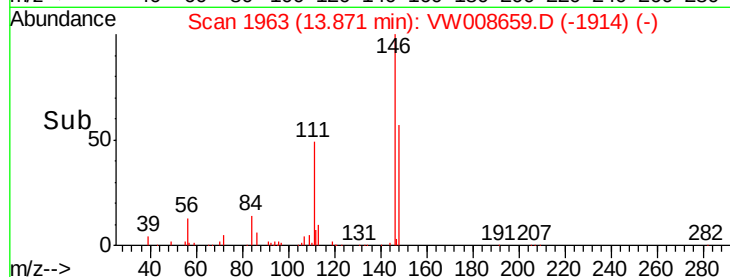
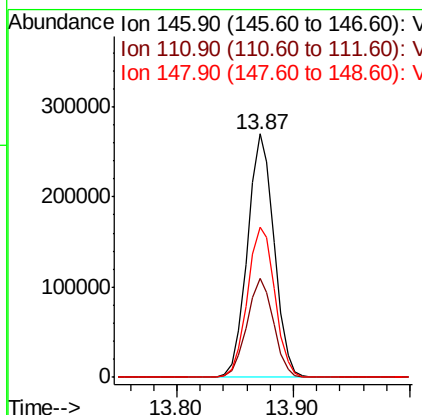
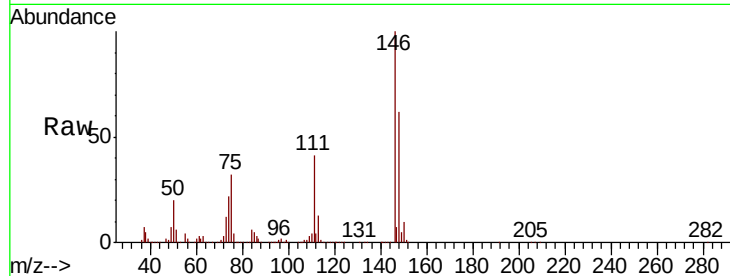




#91
 1,2-Dichlorobenzene
 Concen: 50.936 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

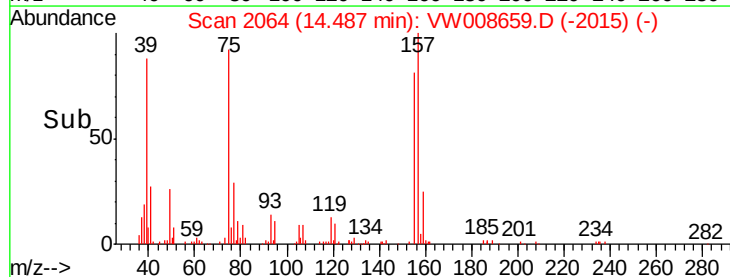
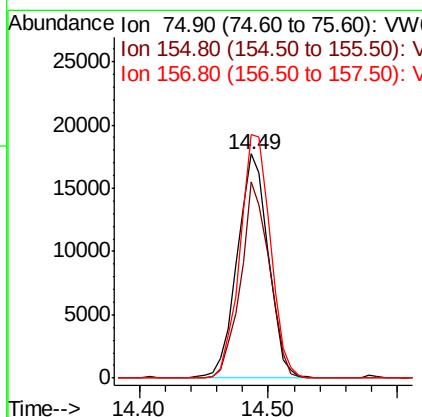
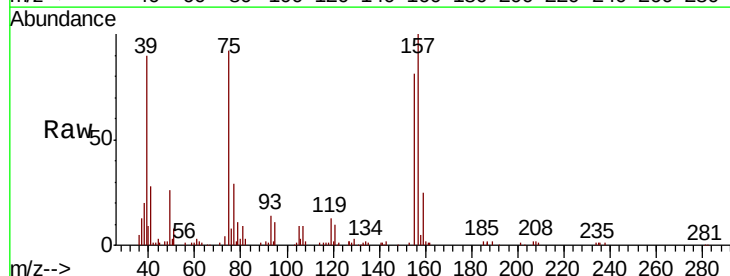
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

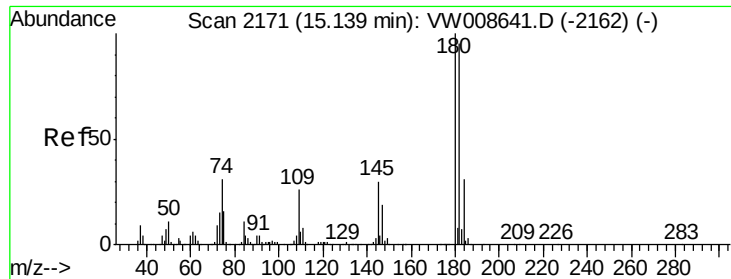
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	63.6	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.787 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	41.8	125.4
157	106.1	53.8	161.4

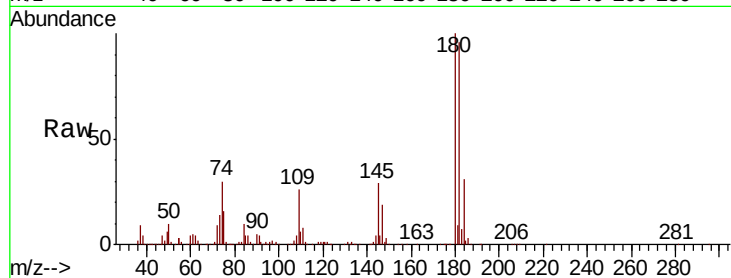




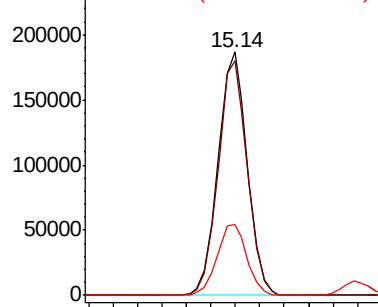
#93
 1,2,4-Trichlorobenzene
 Concen: 51.319 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

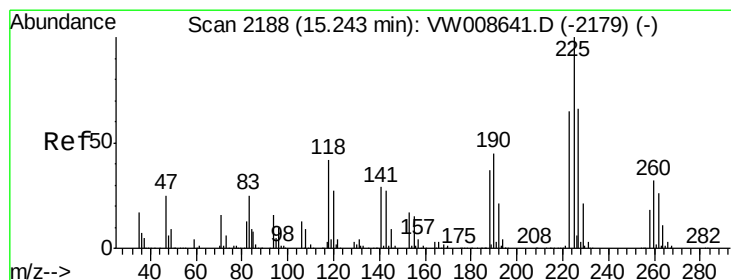
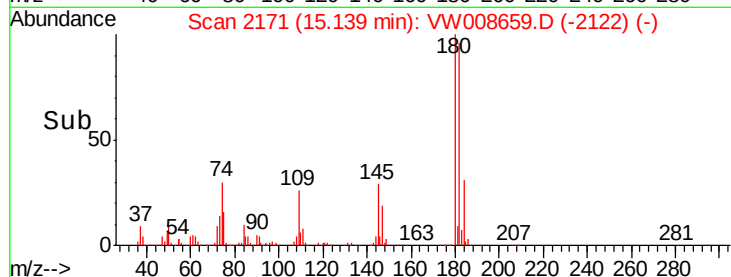
Tgt Ion:180 Resp: 308338
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.5 142.5
 145 29.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

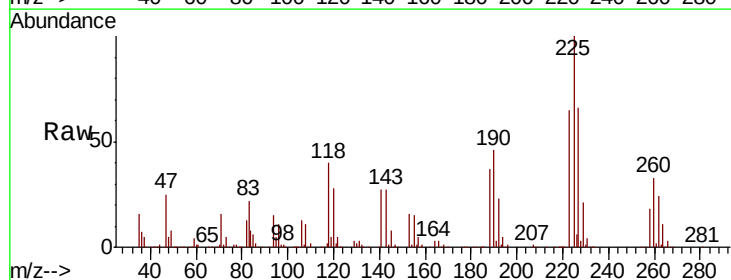


Time-->

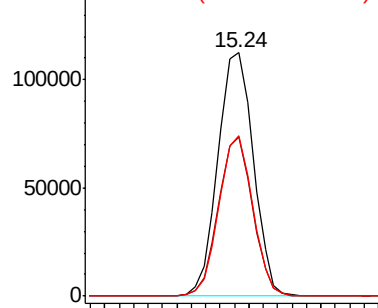


#94
 Hexachlorobutadiene
 Concen: 54.750 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 11:48

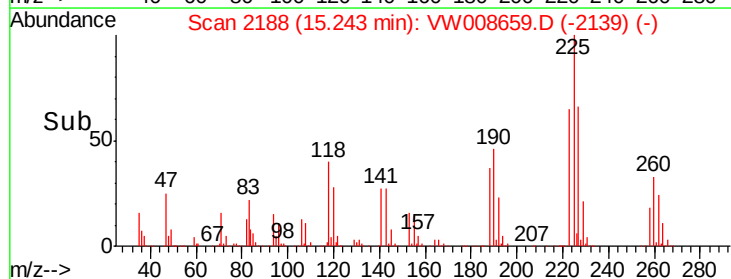
Tgt Ion:225 Resp: 191485
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.3
 227 62.9 32.4 97.0

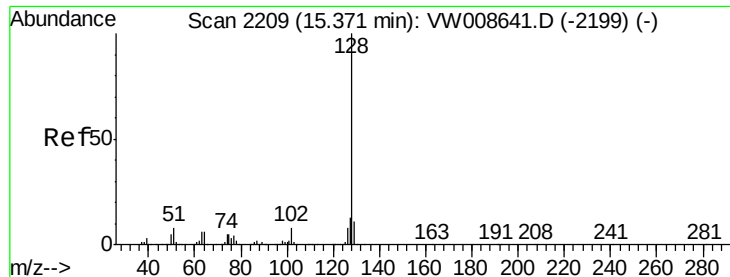


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

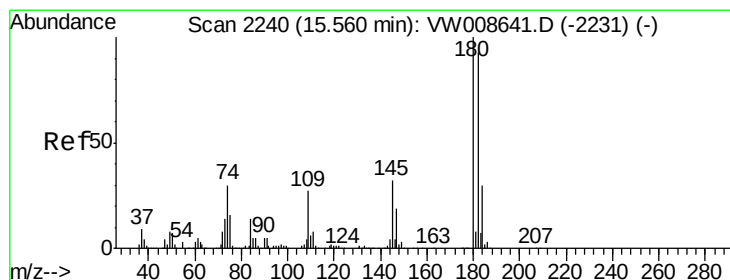
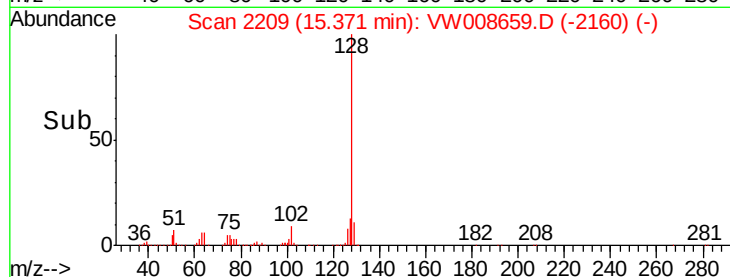
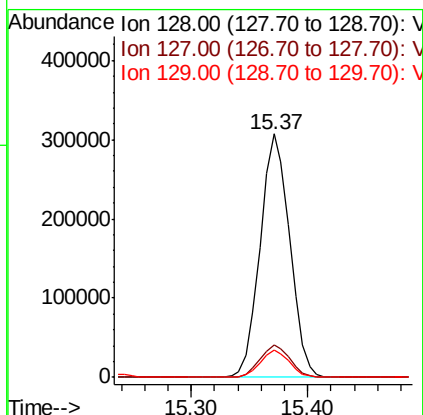
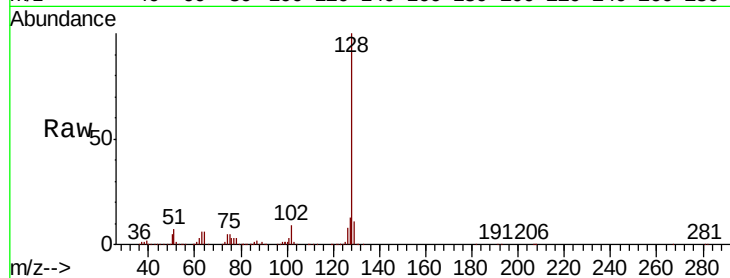




#95
Naphthalene
Concen: 50.056 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 538966
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.827 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008659.D
Acq: 14 Feb 2019 11:48

Tgt Ion:180 Resp: 262056
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 32.3 15.9 47.7

