

Data File : VW002344.D

Acq On : 09 May 2018 22:25

Operator : JC/SY

Sample : VSTDCCC050

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: May 10 05:47:57 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	325607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	305635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112387	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.88	113	102882	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.33	98	389226	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.63	95	142282	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46638	57.62	ug/l	98
3) Chloromethane	2.21	50	80590	49.03	ug/l	96
4) Vinyl Chloride	2.36	62	132388	48.84	ug/l	98
5) Bromomethane	2.77	94	109235	50.10	ug/l	95
6) Chloroethane	2.92	64	91718	50.14	ug/l	95
7) Trichlorofluoromethane	3.24	101	49988	45.15	ug/l	91
8) Diethyl Ether	3.67	74	79911	64.48	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	97482	49.86	ug/l	98
10) Methyl Iodide	4.26	142	159885	50.40	ug/l	100
11) Tert butyl alcohol	5.19	59	39911	241.44	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	96839	49.96	ug/l	98
13) Acrolein	3.88	56	30400	219.65	ug/l	98
14) Allyl chloride	4.65	41	137731	48.35	ug/l	100
15) Acrylonitrile	5.37	53	130048	267.54	ug/l	99
16) Acetone	4.12	43	113391	255.29	ug/l	93
17) Carbon Disulfide	4.37	76	274154	48.64	ug/l	98
18) Methyl Acetate	4.67	43	72345	54.29	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	184608	54.47	ug/l	98
20) Methylene Chloride	4.91	84	106270	49.63	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	106181	50.74	ug/l	97
22) Diisopropyl ether	6.31	45	319105	51.10	ug/l	99
23) Vinyl Acetate	6.25	43	1018843	272.47	ug/l	99
24) 1,1-Dichloroethane	6.21	63	192528	50.85	ug/l	98
25) 2-Butanone	7.18	43	180449	273.61	ug/l	99
26) 2,2-Dichloropropane	7.17	77	96921	51.36	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	121608	51.56	ug/l	100
28) Bromochloromethane	7.51	49	82601	48.23	ug/l	98
29) Tetrahydrofuran	7.53	42	116121	268.46	ug/l	99
30) Chloroform	7.67	83	204846	51.67	ug/l	100
31) Cyclohexane	7.95	56	160044	47.36	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	152848	51.31	ug/l	98
36) 1,1-Dichloropropene	8.08	75	154160	52.35	ug/l	100
37) Ethyl Acetate	7.26	43	78685	54.83	ug/l	99
38) Carbon Tetrachloride	8.07	117	150425	52.82	ug/l	99

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Quant Title : SW846 8260

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	179039	52.10	ug/l	98
40) Benzene	8.32	78	447874	52.03	ug/l	99
41) Methacrylonitrile	7.49	41	42958	52.24	ug/l	89
42) 1,2-Dichloroethane	8.40	62	142556	53.10	ug/l	100
43) Isopropyl Acetate	8.43	43	150580	55.31	ug/l	100
44) Trichloroethene	9.09	130	120519	51.36	ug/l	96
45) 1,2-Dichloropropane	9.37	63	113932	52.83	ug/l	96
46) Dibromomethane	9.46	93	66170	54.89	ug/l	100
47) Bromodichloromethane	9.65	83	154332	54.25	ug/l	97
48) Methyl methacrylate	9.44	41	78766	59.58	ug/l	96
49) 1,4-Dioxane	9.45	88	21807	1138.70	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	418823	278.86	ug/l	100
52) Toluene	10.39	92	287341	52.56	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	154219	55.13	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	172467	53.93	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	92100	54.26	ug/l	99
56) Ethyl methacrylate	10.65	69	117391	55.94	ug/l	99
57) 1,3-Dichloropropane	10.94	76	156654	54.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	285614	280.43	ug/l	99
59) 2-Hexanone	10.98	43	293359	285.56	ug/l	99
60) Dibromochloromethane	11.13	129	112324	56.07	ug/l	98
61) 1,2-Dibromoethane	11.24	107	89727	54.08	ug/l	98
64) Tetrachloroethene	10.87	164	116158	49.38	ug/l	97
65) Chlorobenzene	11.66	112	325186	52.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	116131	52.17	ug/l	98
67) Ethyl Benzene	11.74	91	558564	52.04	ug/l	99
68) m/p-Xylenes	11.85	106	436568	105.41	ug/l	99
69) o-Xylene	12.18	106	207696	52.73	ug/l	100
70) Styrene	12.19	104	354120	54.15	ug/l	100
71) Bromoform	12.36	173	71388	55.93	ug/l #	99
73) Isopropylbenzene	12.48	105	561313	51.68	ug/l	99
74) N-amyl acetate	12.28	43	149236	54.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	114602	54.59	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	147048	99.17	ug/l #	11
77) Bromobenzene	12.76	156	145312	53.08	ug/l	99
78) n-propylbenzene	12.82	91	676306	52.53	ug/l	99
79) 2-Chlorotoluene	12.90	91	384126	51.81	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	482513	52.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32154	57.12	ug/l	97
82) 4-Chlorotoluene	13.00	91	411266	52.16	ug/l	100
83) tert-Butylbenzene	13.22	119	422811	53.75	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	500799	52.87	ug/l	100
85) sec-Butylbenzene	13.40	105	597740	53.22	ug/l	100
86) p-Isopropyltoluene	13.51	119	539164	53.69	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283860	52.38	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	286454	52.94	ug/l	99
89) n-Butylbenzene	13.83	91	503223	53.55	ug/l	100
90) Hexachloroethane	14.10	117	95344	53.10	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	258639	52.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19476	53.66	ug/l	92

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051018\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

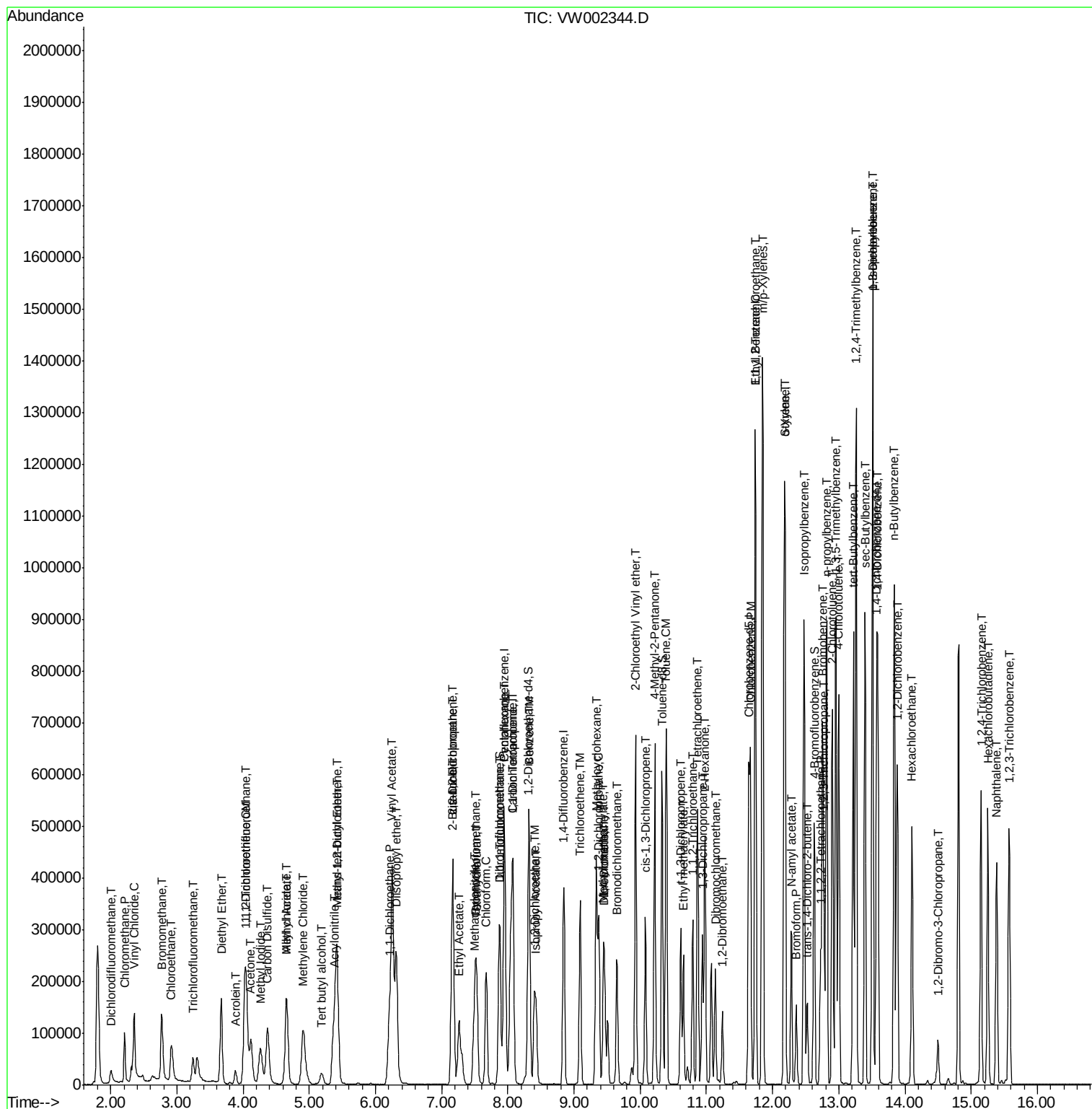
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	184561	52.51	ug/l	98
94) Hexachlorobutadiene	15.26	225	103472	52.84	ug/l	99
95) Naphthalene	15.38	128	364129	56.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	171206	54.31	ug/l	98

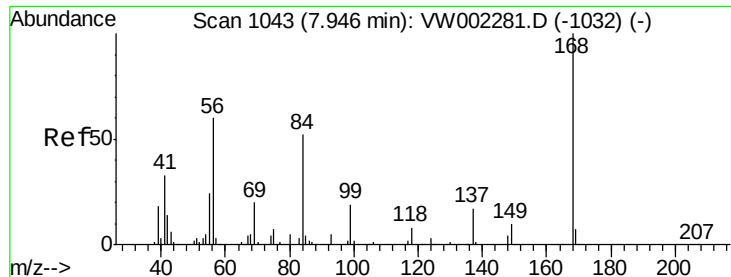
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW002344.D
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

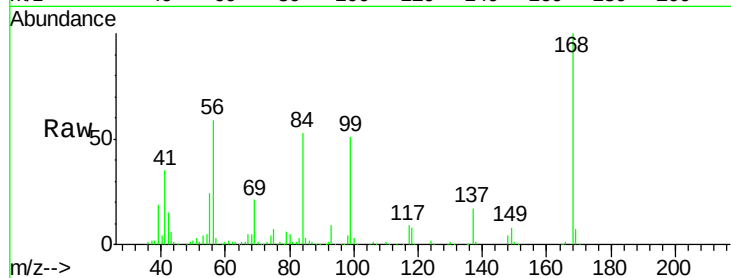
VSTDCCC050

Tgt Ion:168 Resp: 214162

Ion Ratio Lower Upper

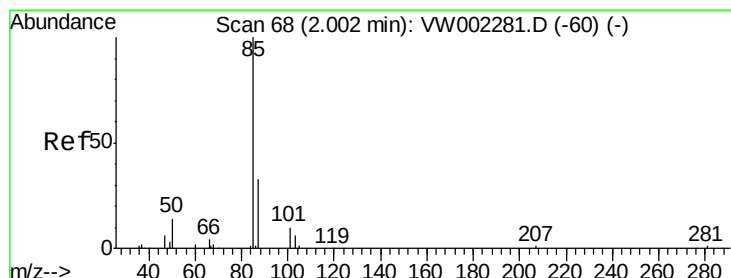
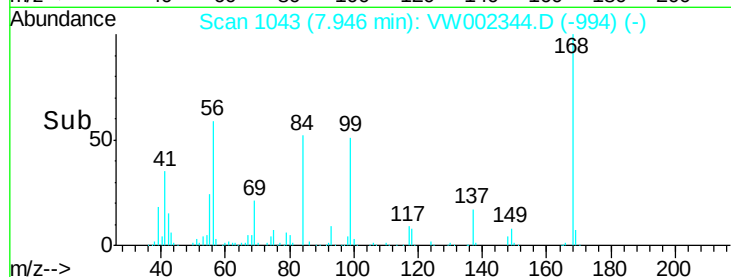
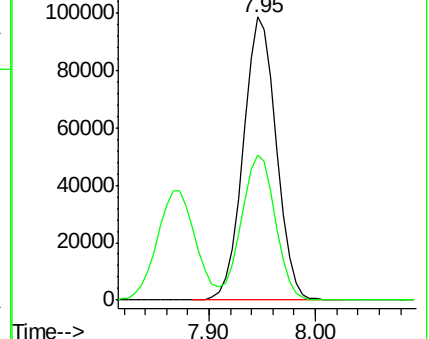
168 100

99 51.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 57.62 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002344.D

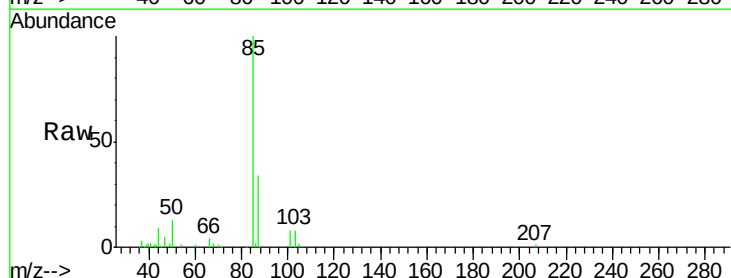
Acq: 09 May 2018 22:25

Tgt Ion: 85 Resp: 46638

Ion Ratio Lower Upper

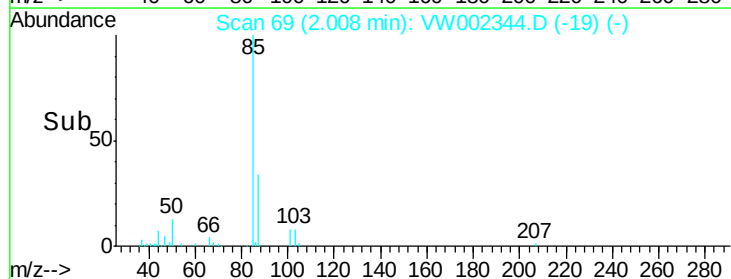
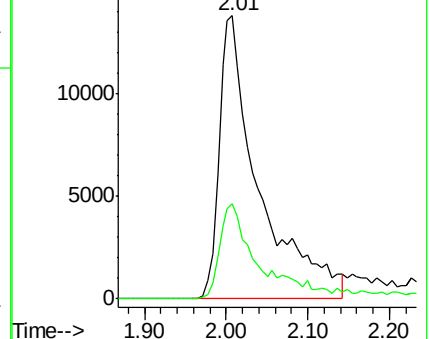
85 100

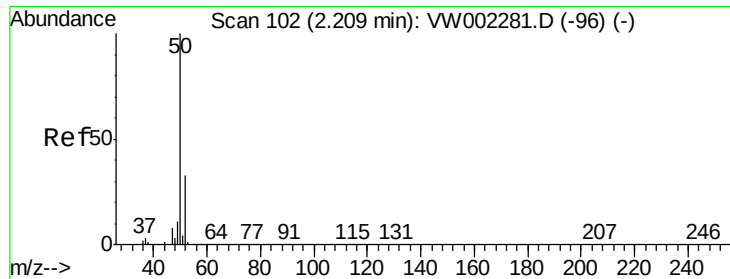
87 33.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.03 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

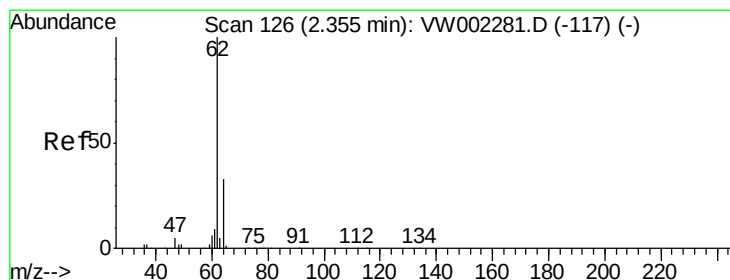
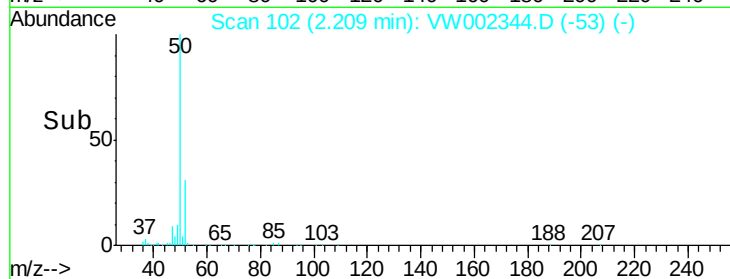
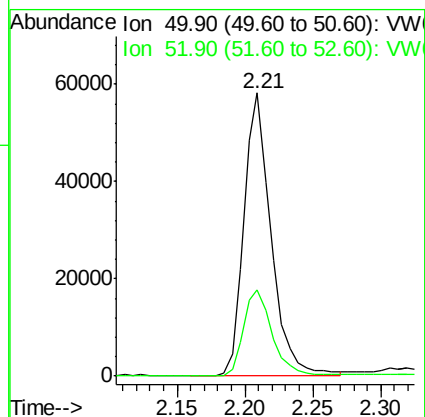
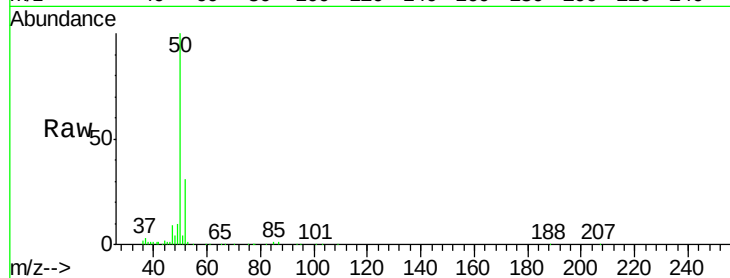
VSTDCCC050

Tgt Ion: 50 Resp: 80590

Ion Ratio Lower Upper

50 100

52 30.7 26.5 39.7



#4

Vinyl Chloride

Concen: 48.84 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002344.D

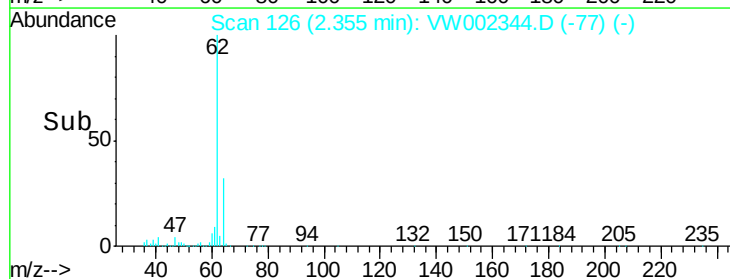
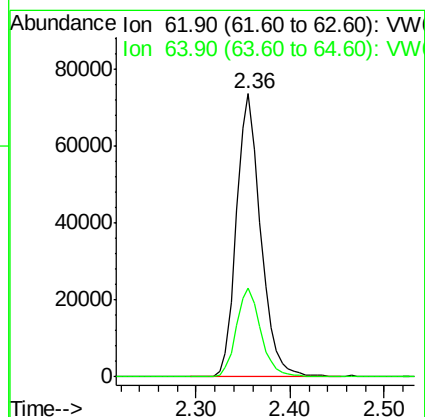
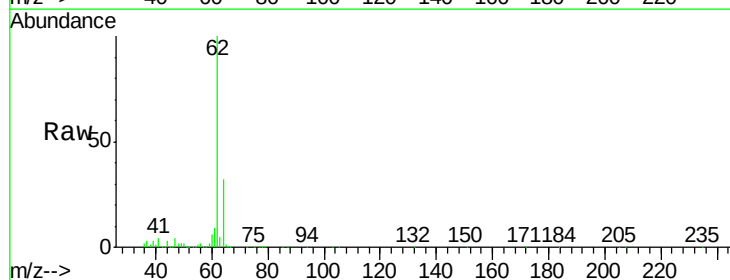
Acq: 09 May 2018 22:25

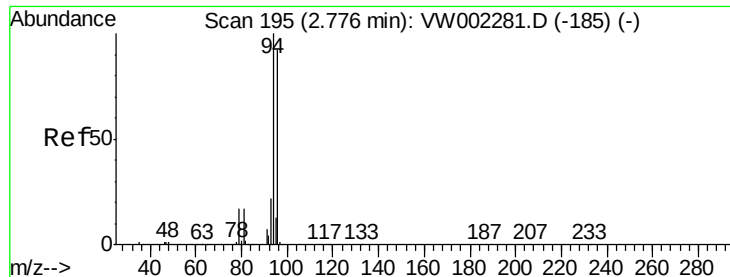
Tgt Ion: 62 Resp: 132388

Ion Ratio Lower Upper

62 100

64 31.5 26.1 39.1





#5

Bromomethane

Concen: 50.10 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

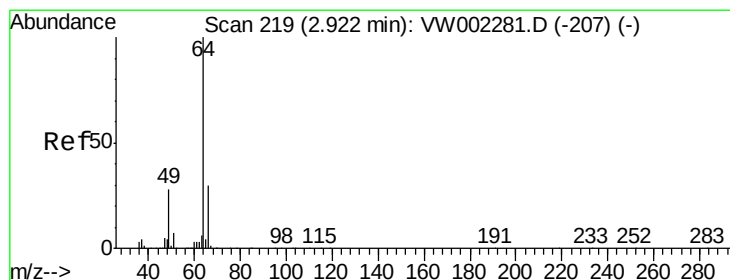
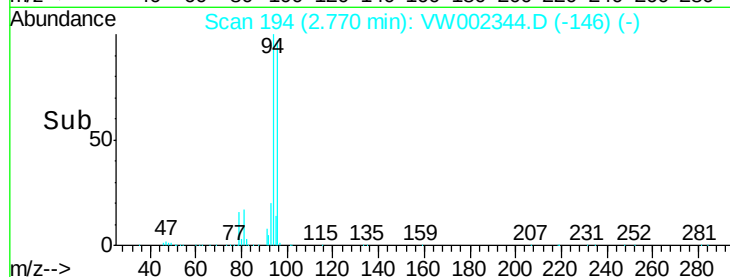
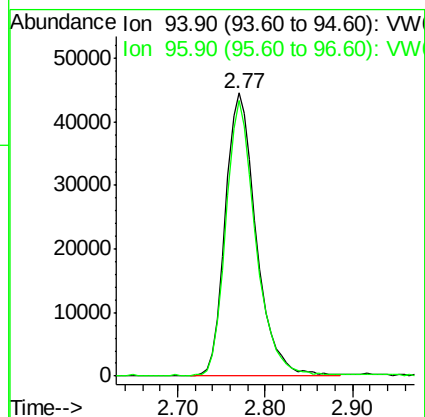
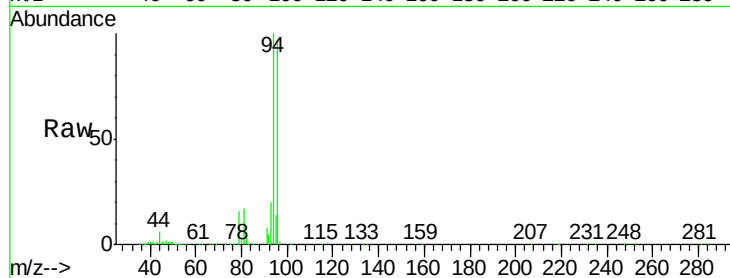
VSTDCCC050

Tgt Ion: 94 Resp: 109235

Ion Ratio Lower Upper

94 100

96 97.1 73.6 110.4



#6

Chloroethane

Concen: 50.14 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002344.D

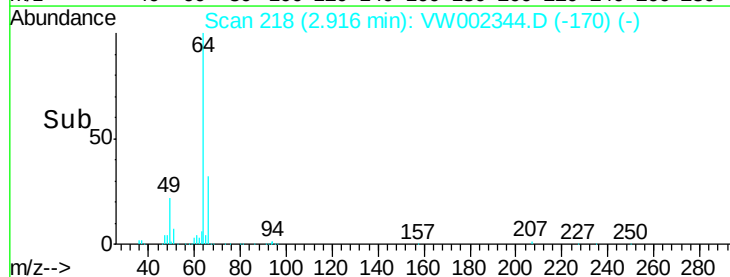
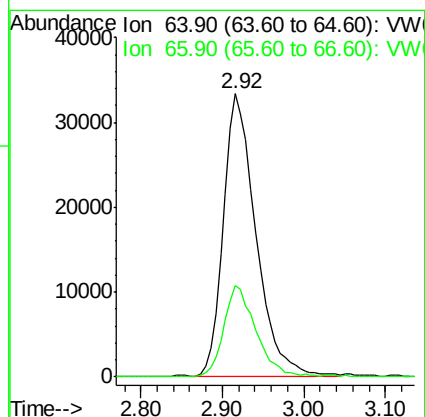
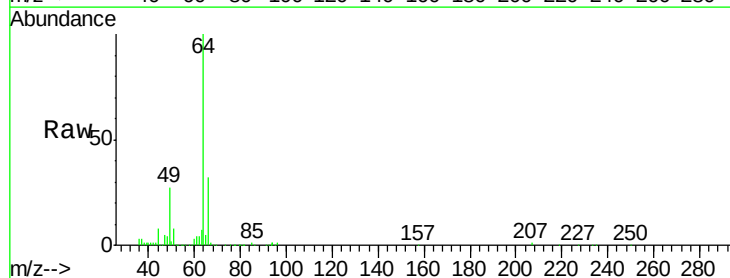
Acq: 09 May 2018 22:25

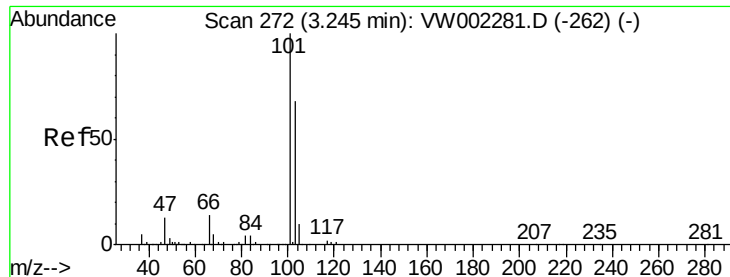
Tgt Ion: 64 Resp: 91718

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.6



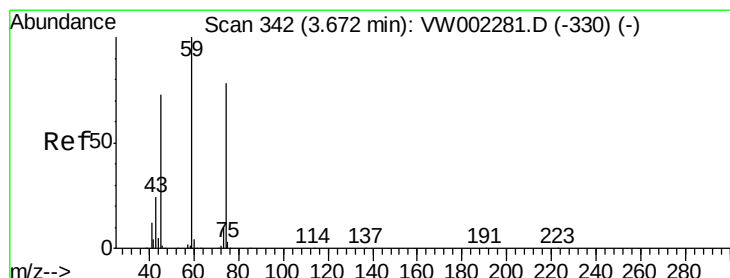
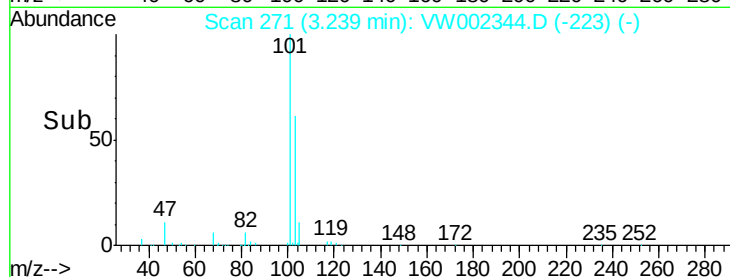
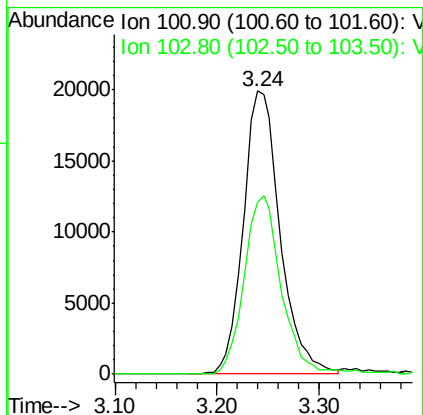
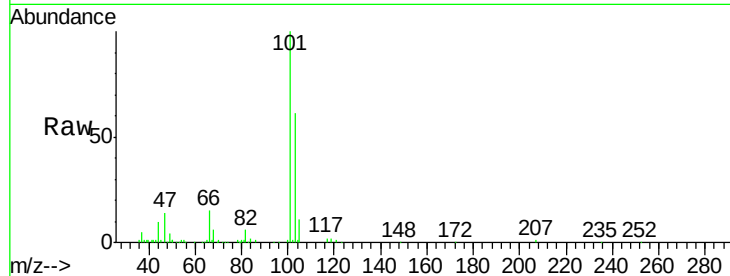


#7

Trichlorofluoromethane
 Concen: 45.15 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
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Instrument :
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 ClientSampleId :
 VSTDCCC050

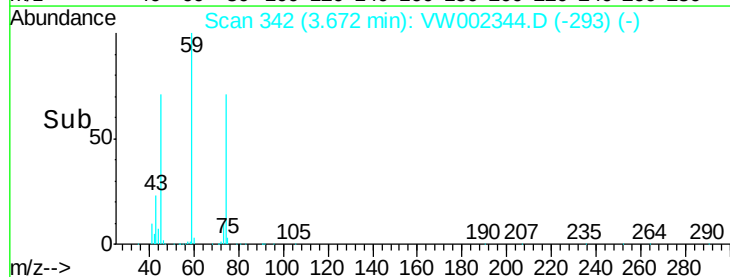
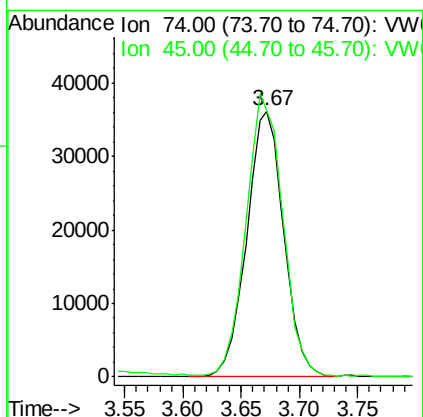
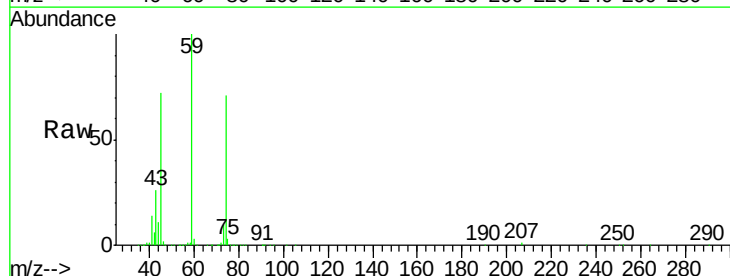
Tgt Ion:101 Resp: 49988
 Ion Ratio Lower Upper
 101 100
 103 60.9 54.6 82.0

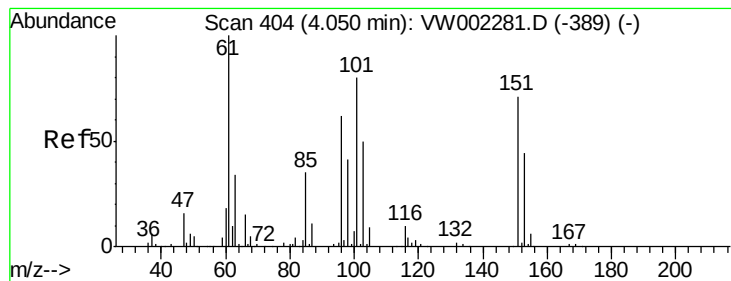


#8

Diethyl Ether
 Concen: 64.48 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 74 Resp: 79911
 Ion Ratio Lower Upper
 74 100
 45 106.2 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.86 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

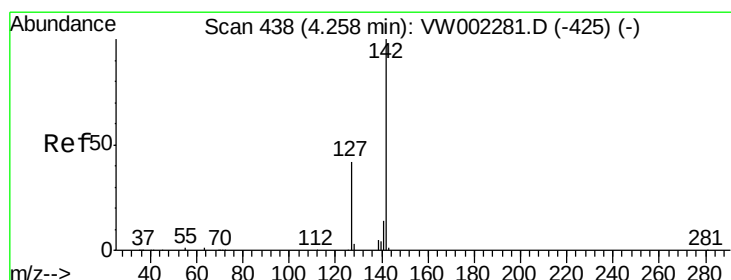
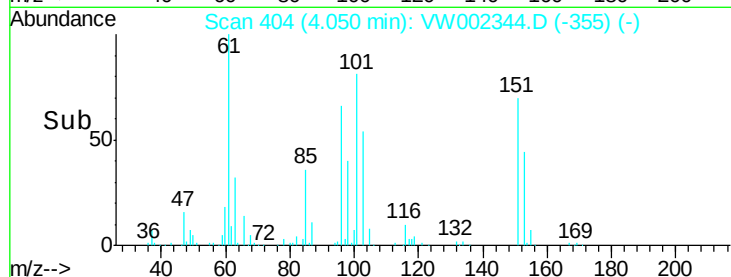
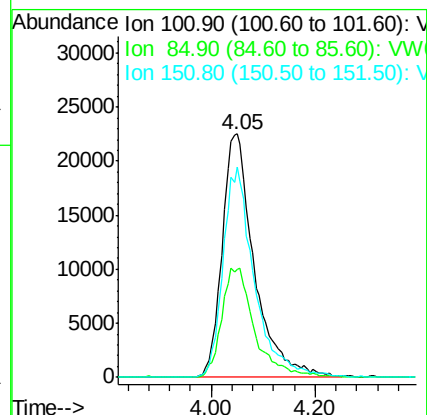
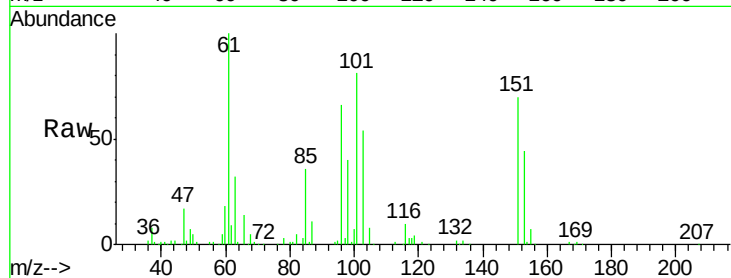
Tgt Ion:101 Resp: 97482

Ion Ratio Lower Upper

101 100

85 46.0 35.9 53.9

151 84.2 65.4 98.2



#10

Methyl Iodide

Concen: 50.40 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

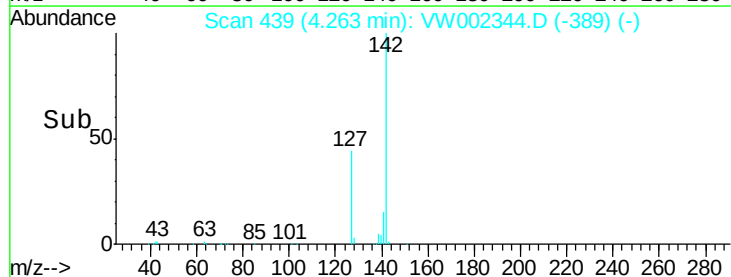
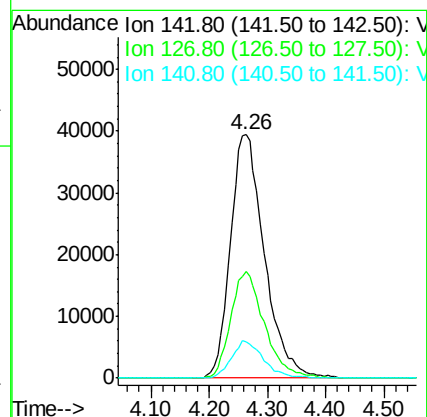
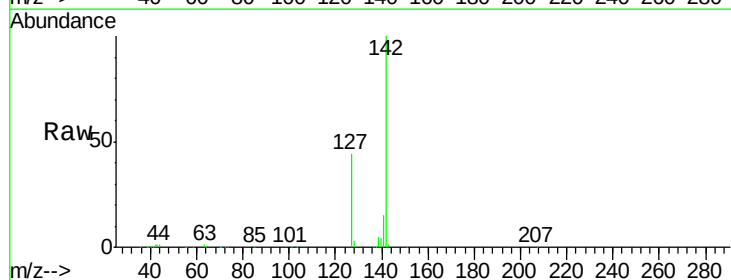
Tgt Ion:142 Resp: 159885

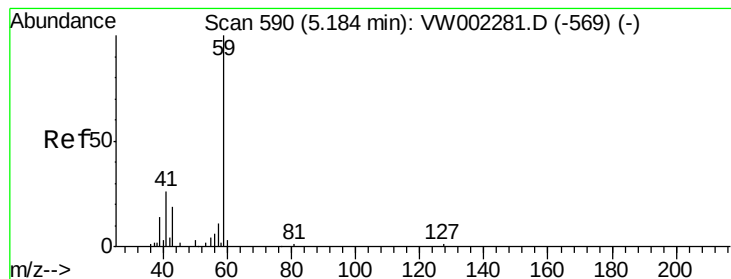
Ion Ratio Lower Upper

142 100

127 43.3 34.7 52.1

141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 241.44 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

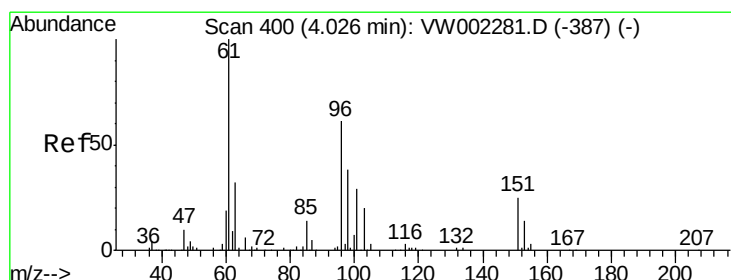
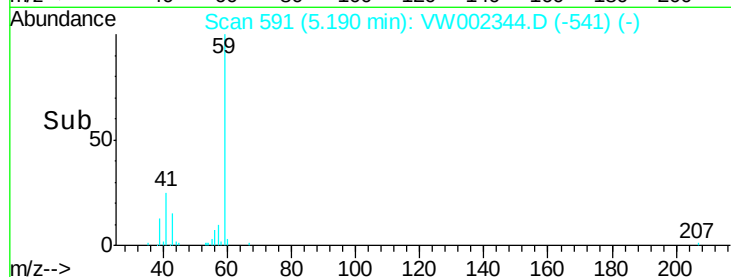
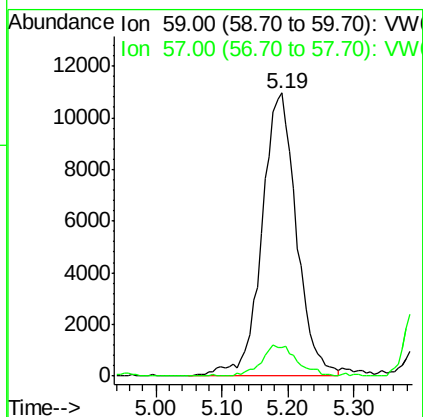
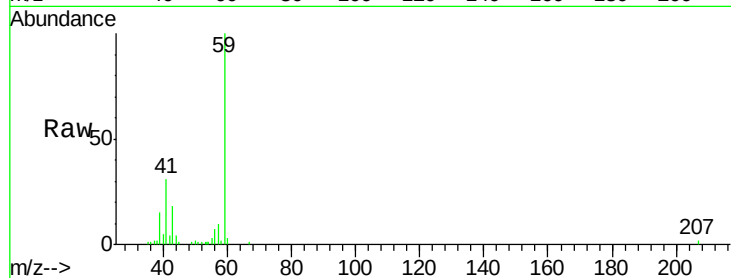
VSTDCCC050

Tgt Ion: 59 Resp: 39911

Ion Ratio Lower Upper

59 100

57 11.2 3.9 5.9#



#12

1,1-Dichloroethene

Concen: 49.96 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

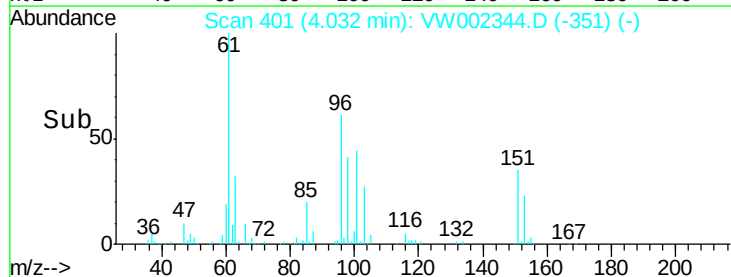
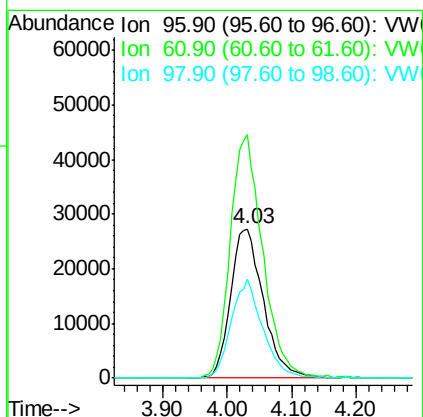
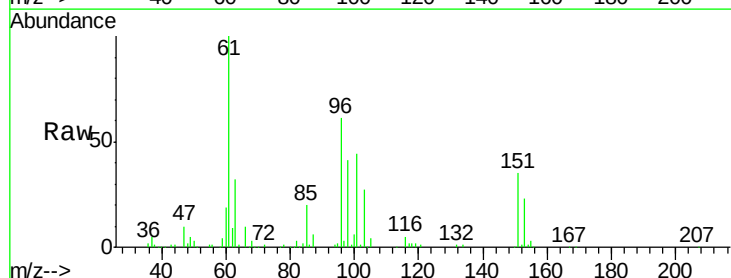
Tgt Ion: 96 Resp: 96839

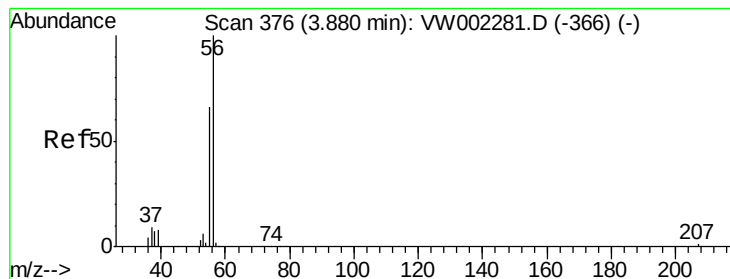
Ion Ratio Lower Upper

96 100

61 163.3 130.6 196.0

98 66.5 49.0 73.4





#13

Acrolein

Concen: 219.65 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

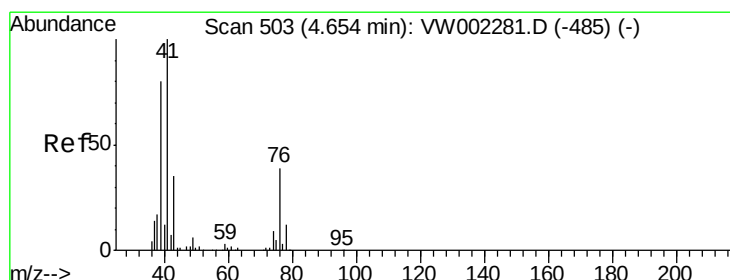
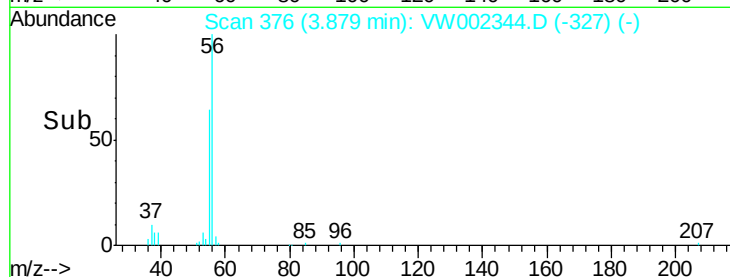
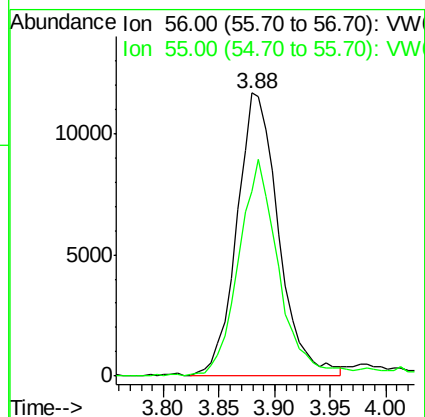
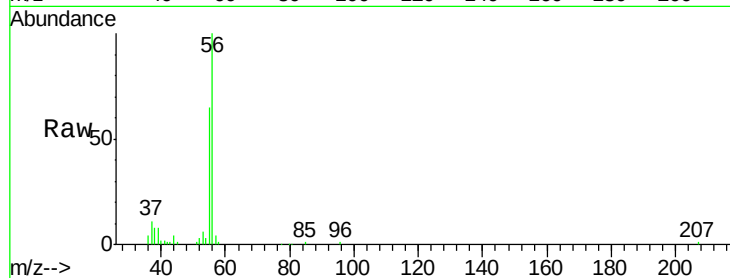
VSTDCCC050

Tgt Ion: 56 Resp: 30400

Ion Ratio Lower Upper

56 100

55 73.3 57.3 85.9



#14

Allyl chloride

Concen: 48.35 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

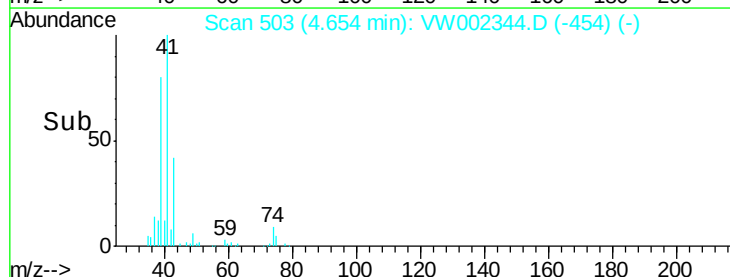
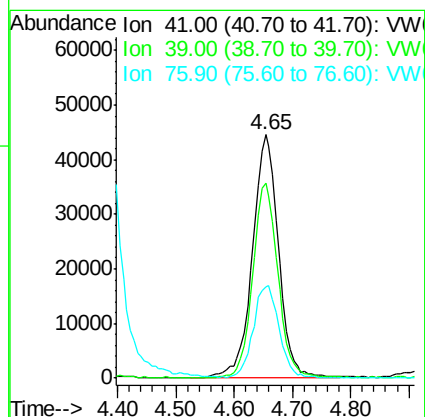
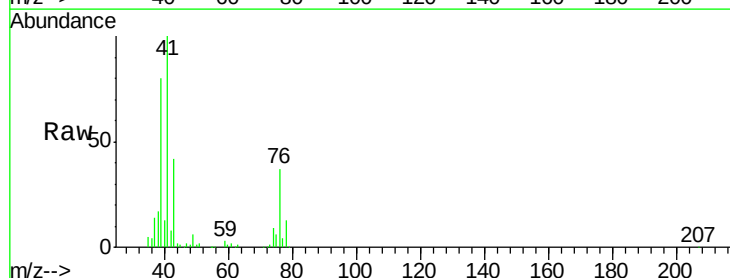
Tgt Ion: 41 Resp: 137731

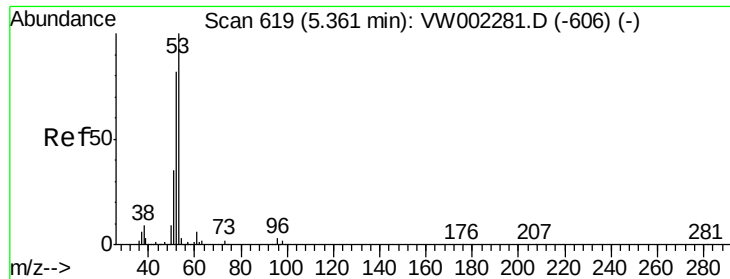
Ion Ratio Lower Upper

41 100

39 77.2 61.7 92.5

76 37.1 29.8 44.6





#15

Acrylonitrile

Concen: 267.54 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

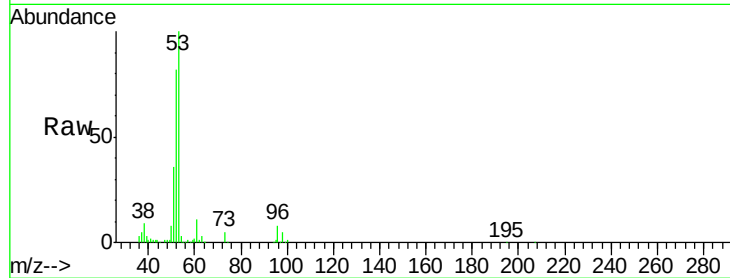
Tgt Ion: 53 Resp: 130048

Ion Ratio Lower Upper

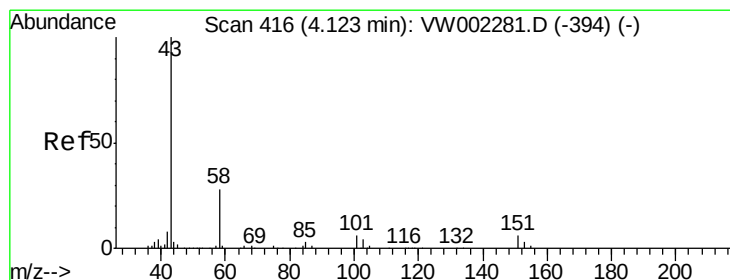
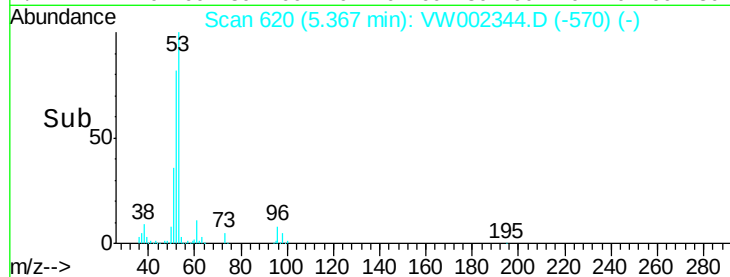
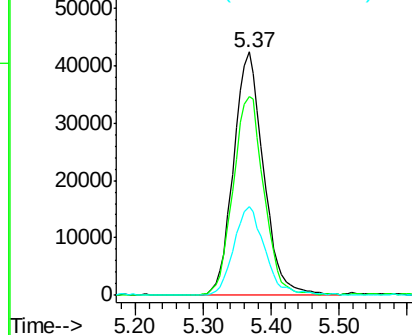
53 100

52 83.6 67.9 101.9

51 37.9 30.0 45.0



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: 255.29 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002344.D

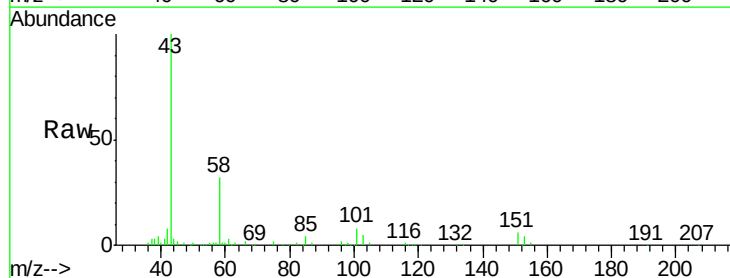
Acq: 09 May 2018 22:25

Tgt Ion: 43 Resp: 113391

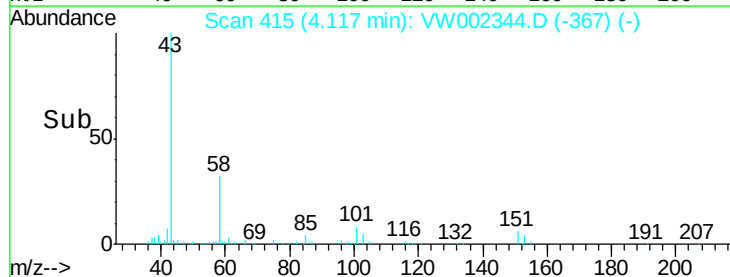
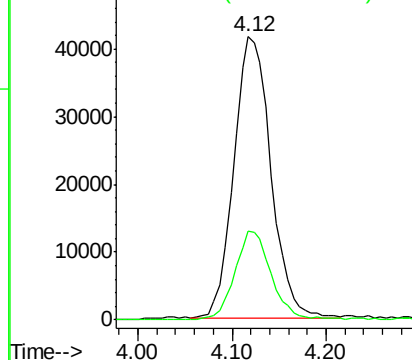
Ion Ratio Lower Upper

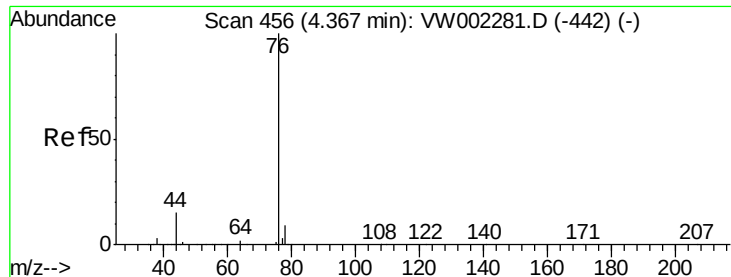
43 100

58 31.5 22.2 33.4



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

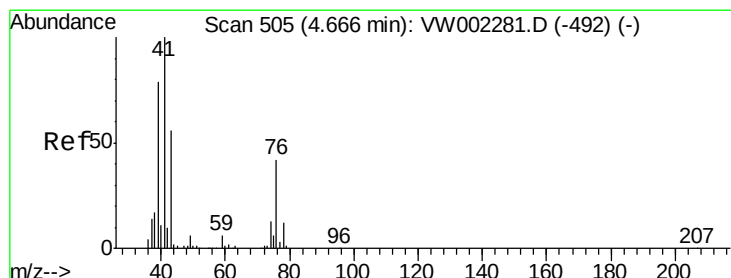
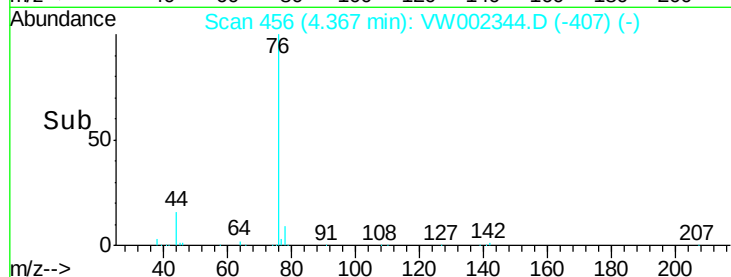
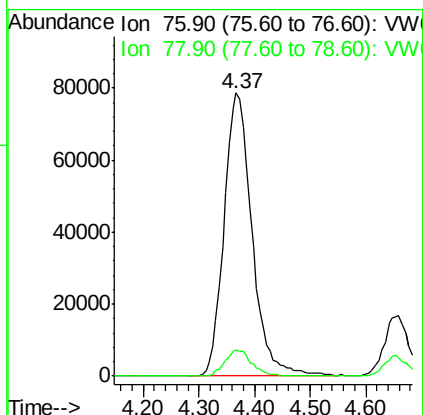
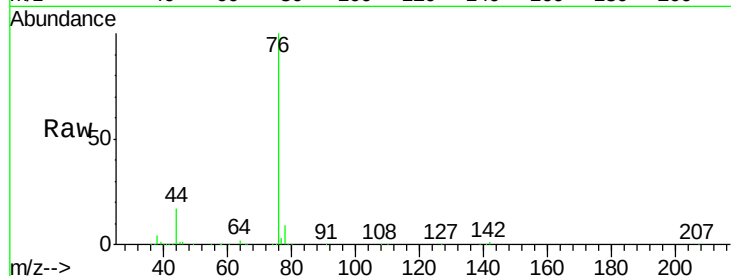




#17
Carbon Disulfide
Concen: 48.64 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

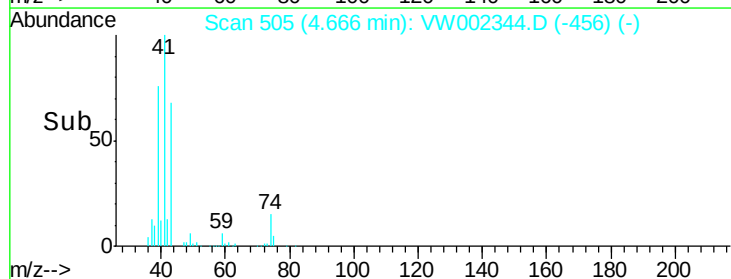
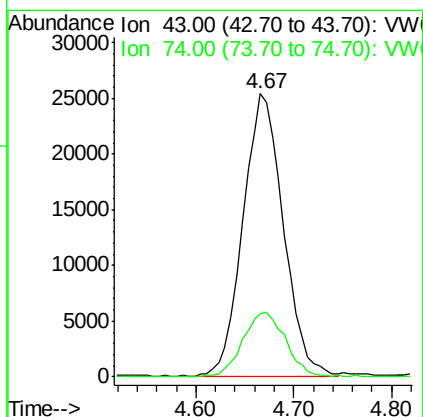
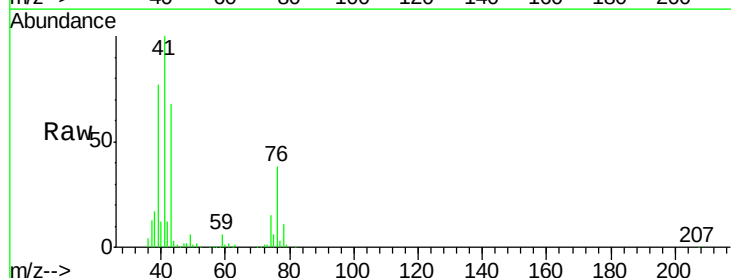
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

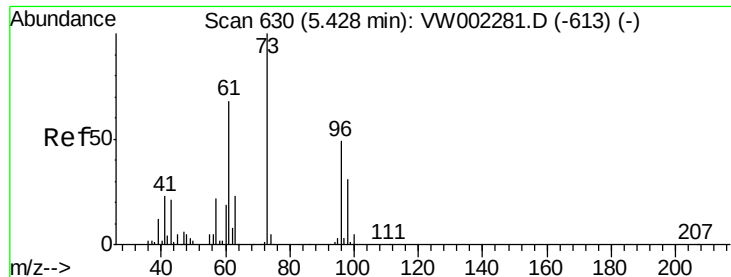
Tgt Ion: 76 Resp: 274154
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 54.29 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 43 Resp: 72345
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2

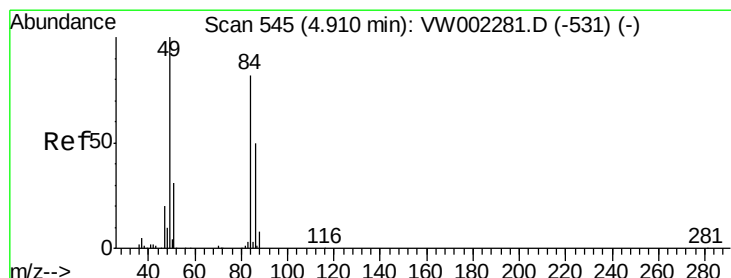
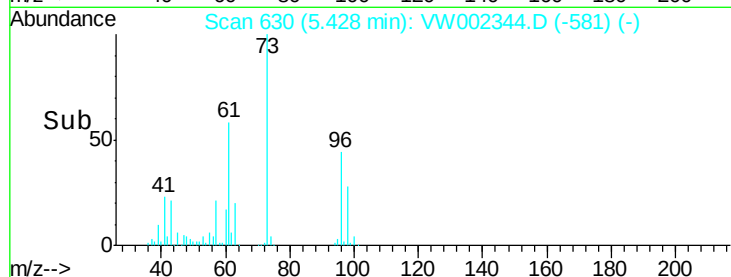
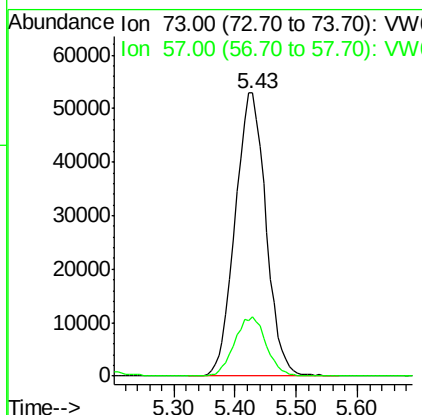
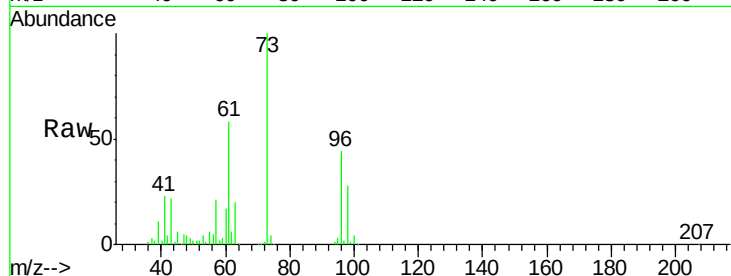




#19
Methyl tert-butyl Ether
Concen: 54.47 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

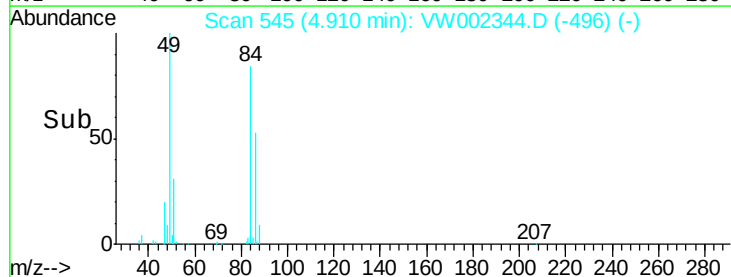
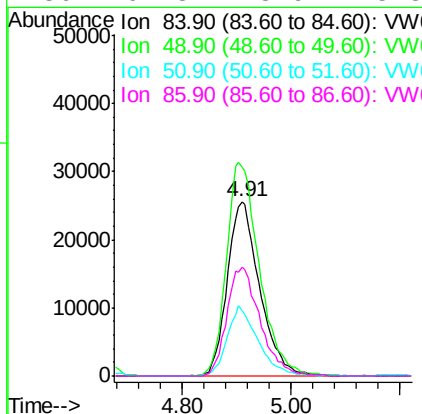
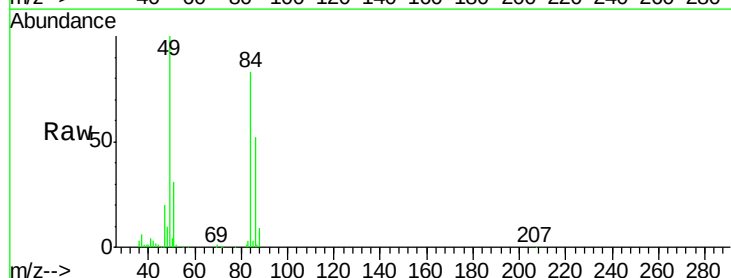
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

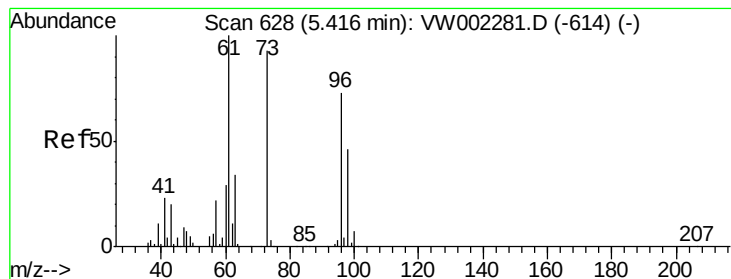
Tgt Ion: 73 Resp: 184608
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 49.63 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 84 Resp: 106270
Ion Ratio Lower Upper
84 100
49 119.9 97.7 146.5
51 37.6 30.2 45.4
86 62.8 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 50.74 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

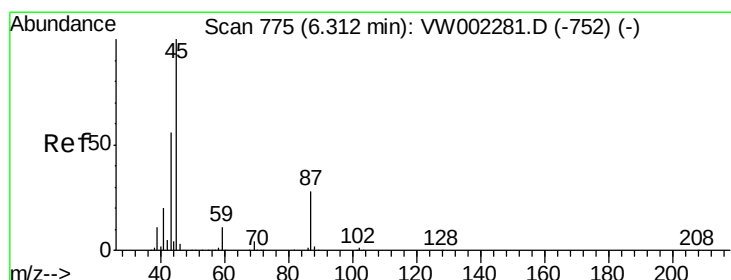
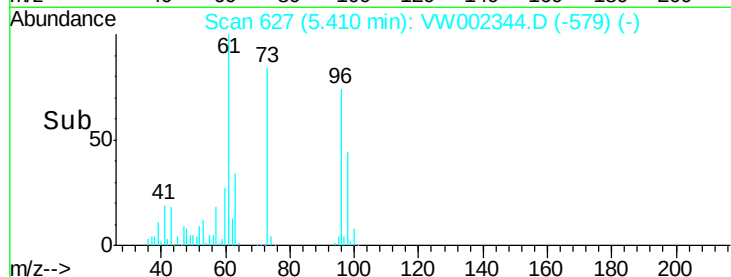
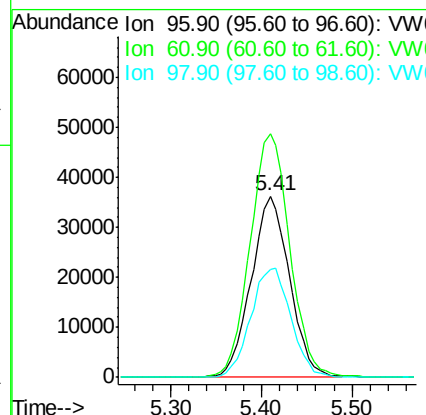
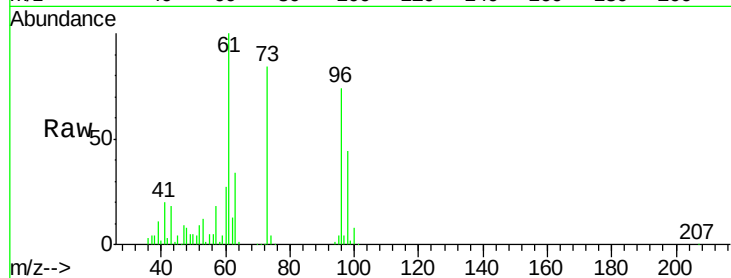
Tgt Ion: 96 Resp: 106181

Ion Ratio Lower Upper

96 100

61 134.5 109.5 164.3

98 59.5 50.2 75.4



#22

Diisopropyl ether

Concen: 51.10 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Tgt Ion: 45 Resp: 319105

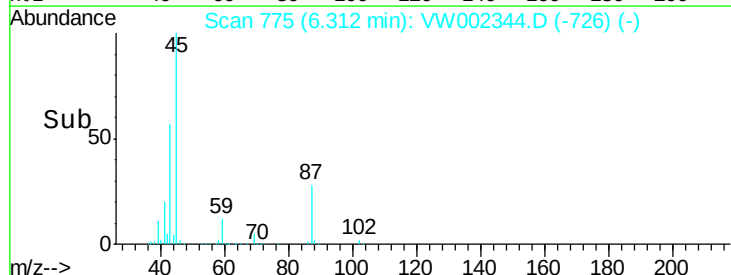
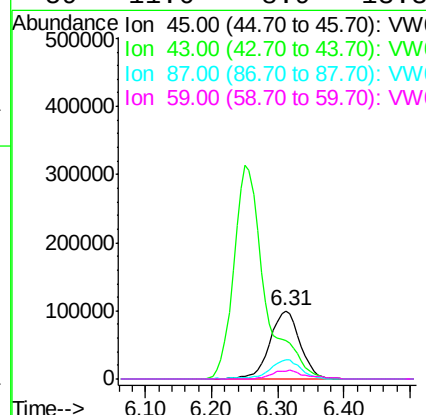
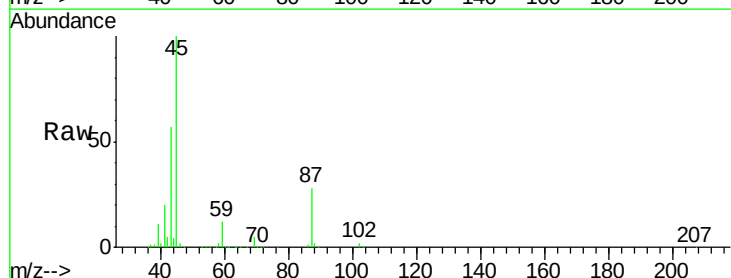
Ion Ratio Lower Upper

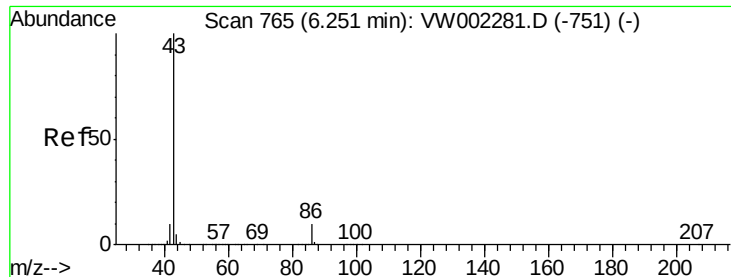
45 100

43 57.1 44.5 66.7

87 27.6 22.2 33.4

59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 272.47 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

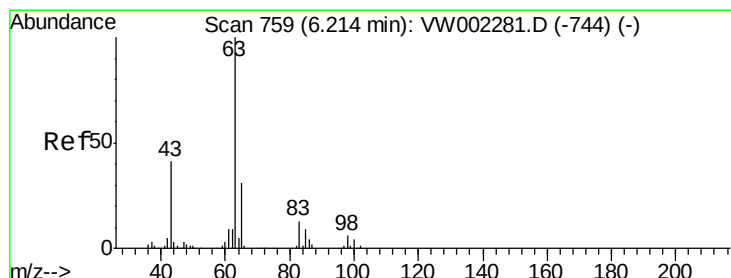
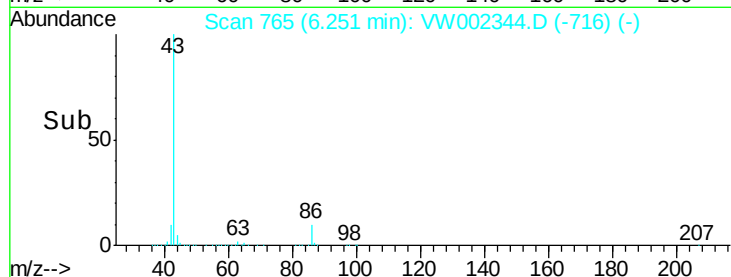
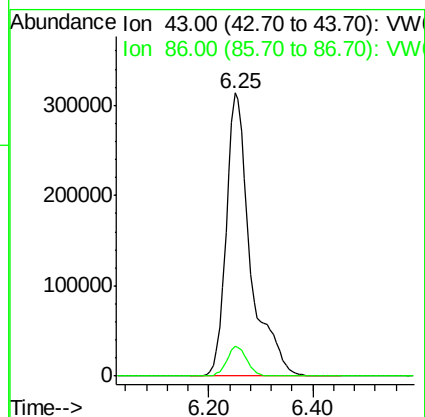
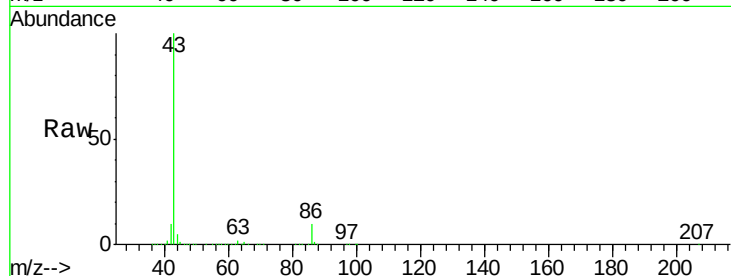
VSTDCCC050

Tgt Ion: 43 Resp: 1018843

Ion Ratio Lower Upper

43 100

86 10.4 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.85 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

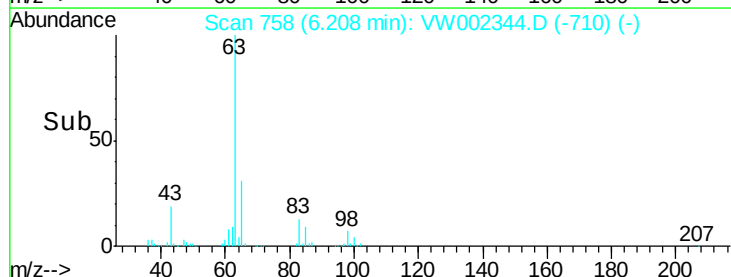
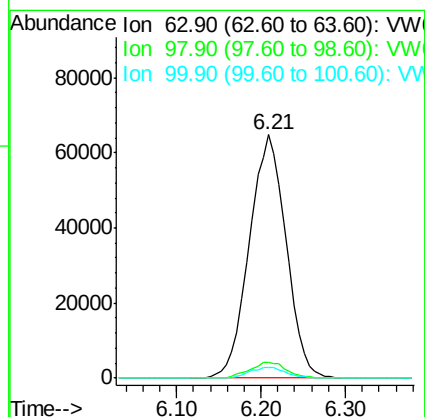
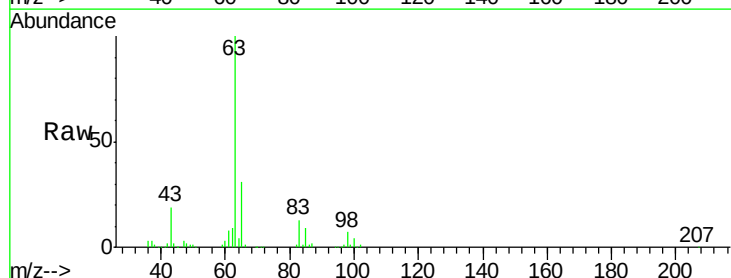
Tgt Ion: 63 Resp: 192528

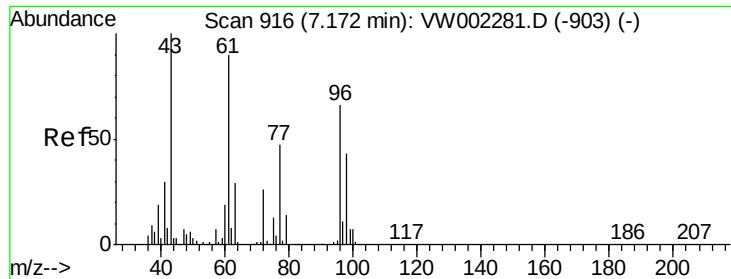
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 273.61 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

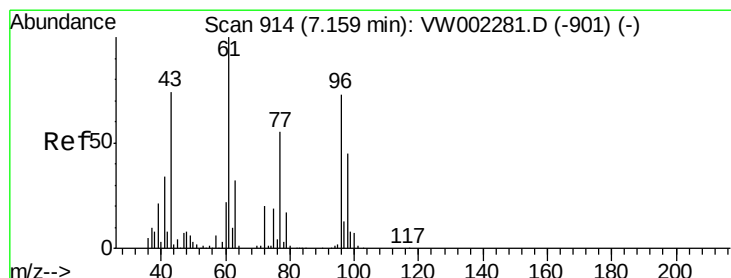
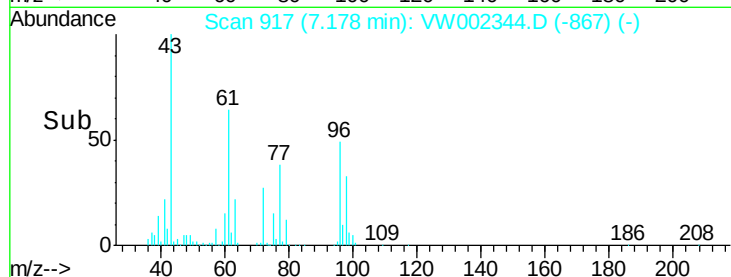
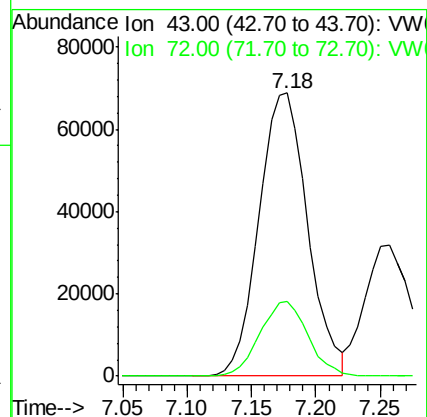
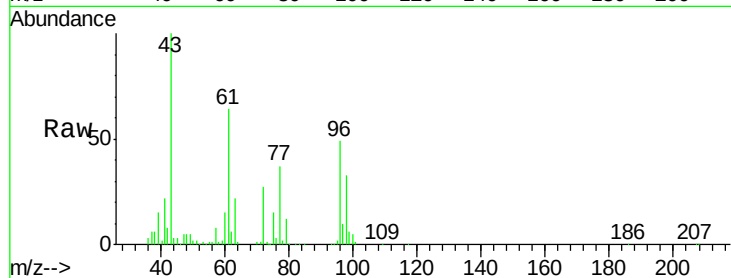
VSTDCCC050

Tgt Ion: 43 Resp: 180449

Ion Ratio Lower Upper

43 100

72 26.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 51.36 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW002344.D

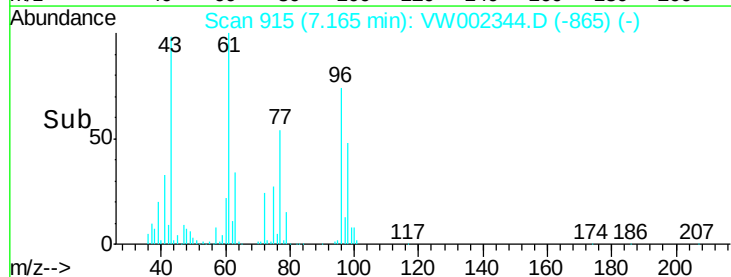
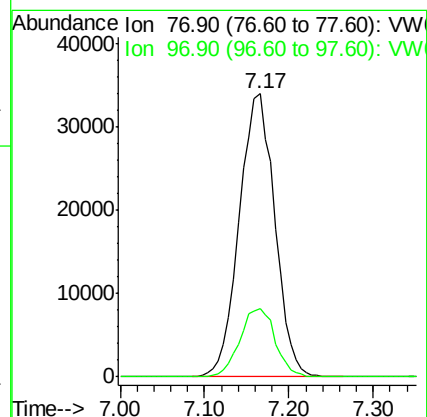
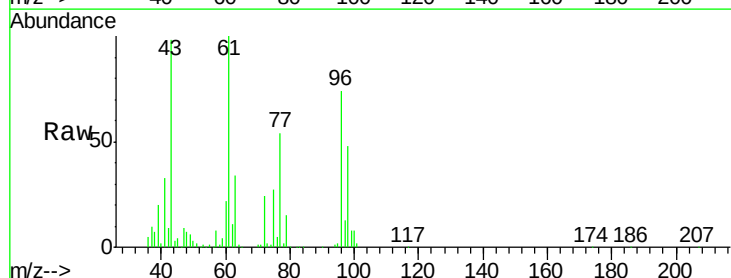
Acq: 09 May 2018 22:25

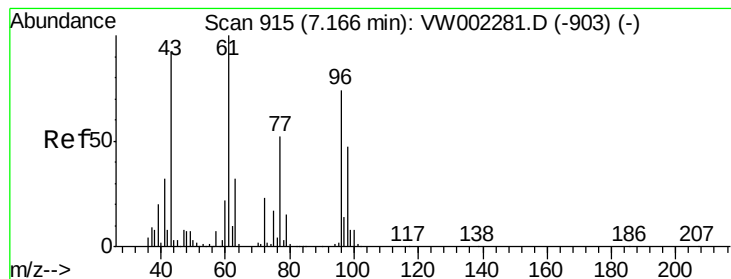
Tgt Ion: 77 Resp: 96921

Ion Ratio Lower Upper

77 100

97 24.0 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 51.56 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

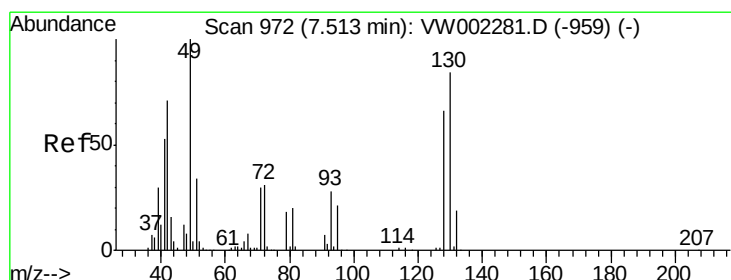
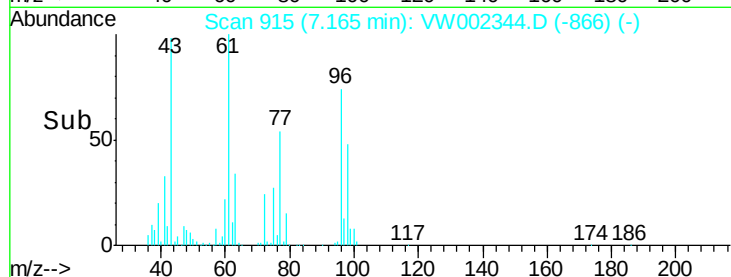
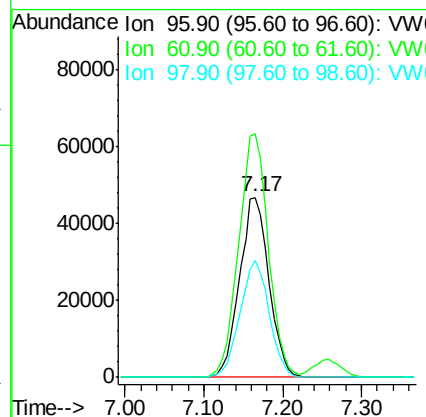
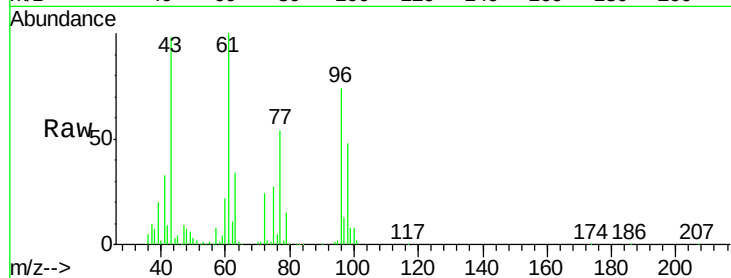
Tgt Ion: 96 Resp: 121608

Ion Ratio Lower Upper

96 100

61 136.6 0.0 274.8

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 48.23 ug/l

RT: 7.51 min Scan# 971

Delta R.T. -0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

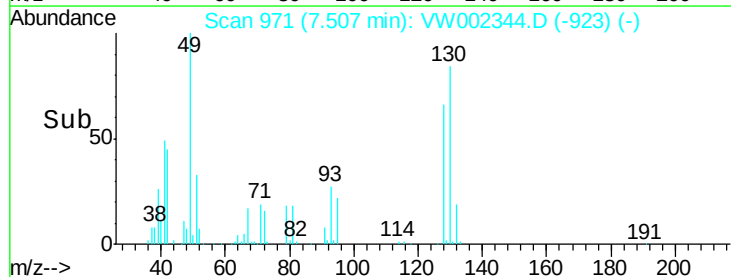
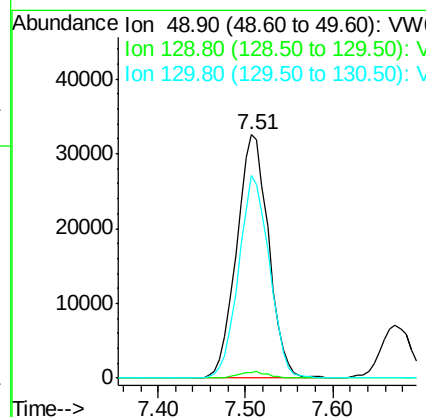
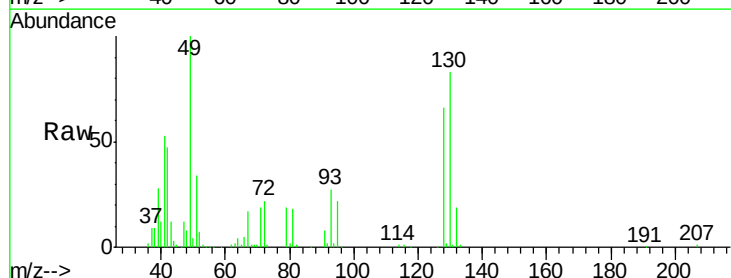
Tgt Ion: 49 Resp: 82601

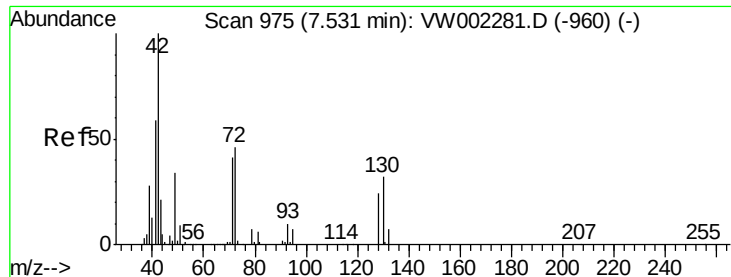
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.4

130 80.1 65.5 98.3





#29

Tetrahydrofuran

Concen: 268.46 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

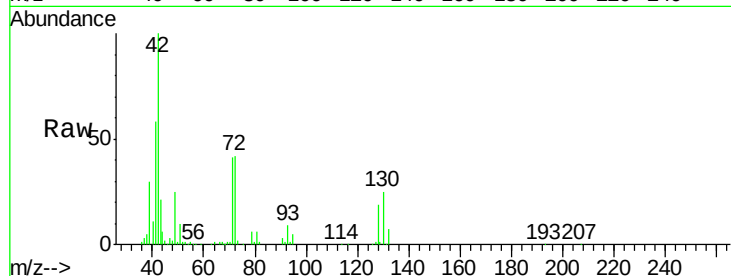
Tgt Ion: 42 Resp: 116121

Ion Ratio Lower Upper

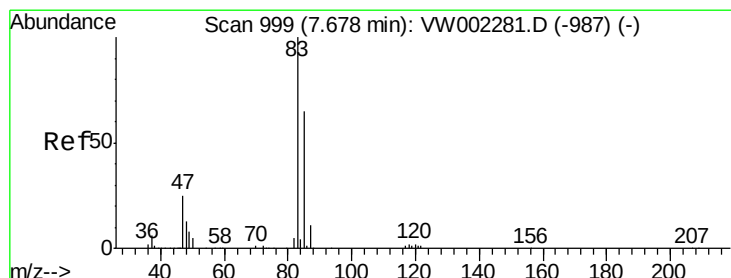
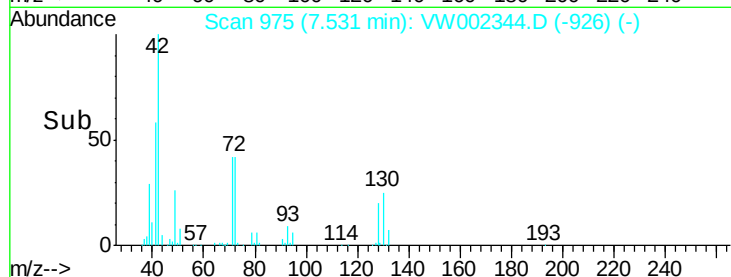
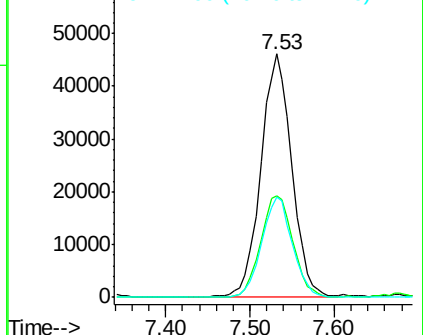
42 100

72 43.6 34.5 51.7

71 41.1 33.0 49.6



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



#30

Chloroform

Concen: 51.67 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002344.D

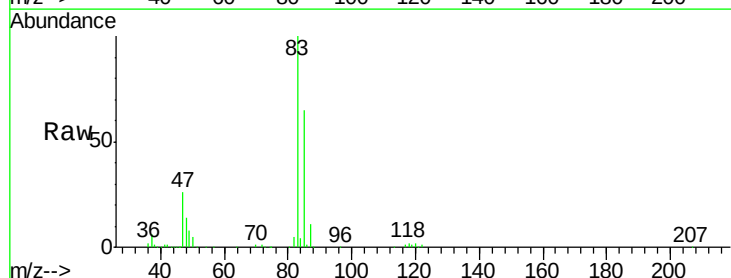
Acq: 09 May 2018 22:25

Tgt Ion: 83 Resp: 204846

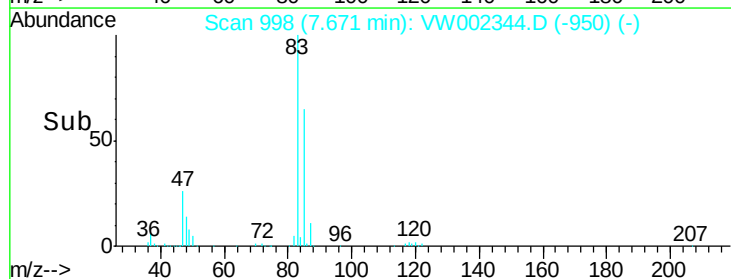
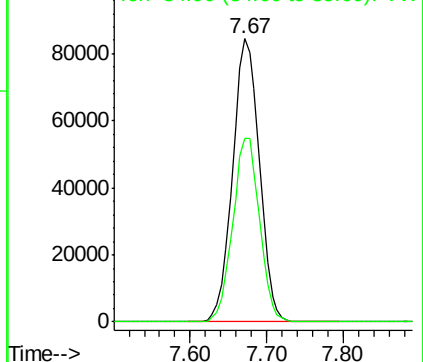
Ion Ratio Lower Upper

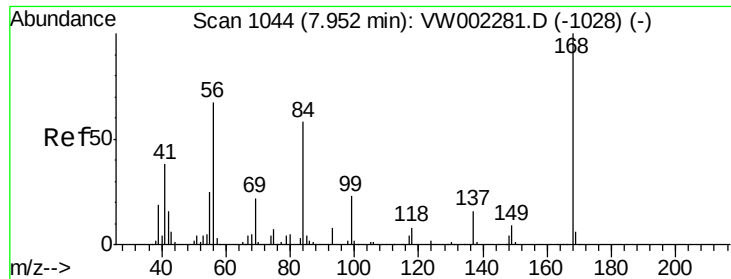
83 100

85 64.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

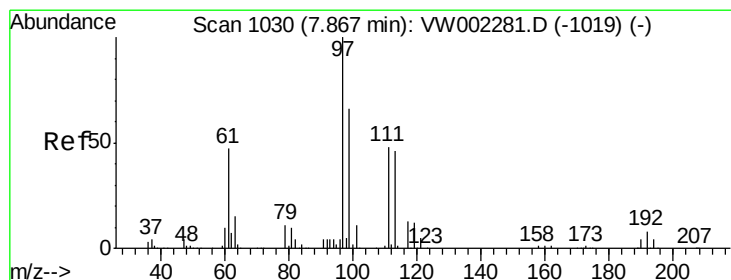
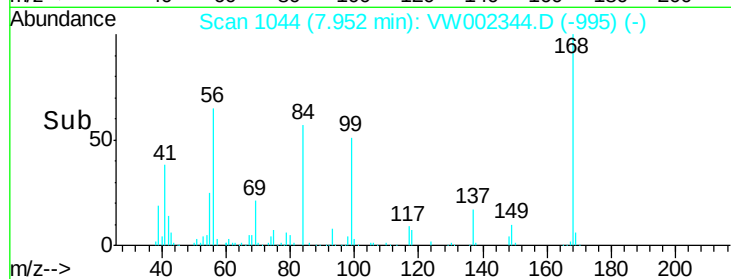
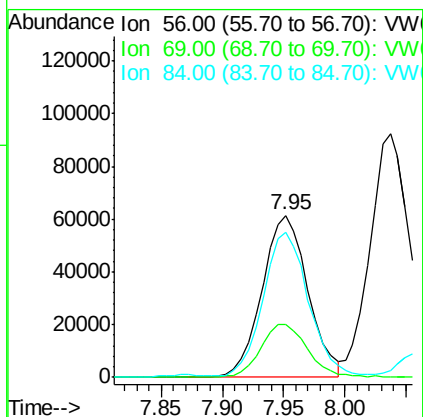
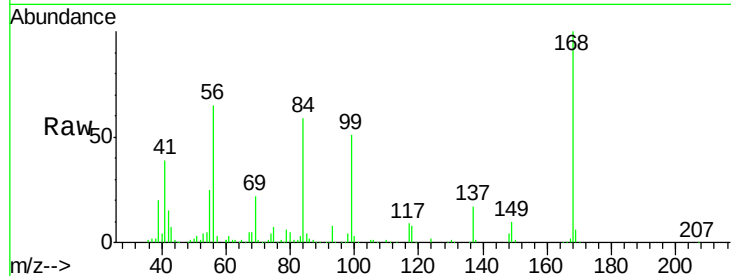




#31
Cyclohexane
Concen: 47.36 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

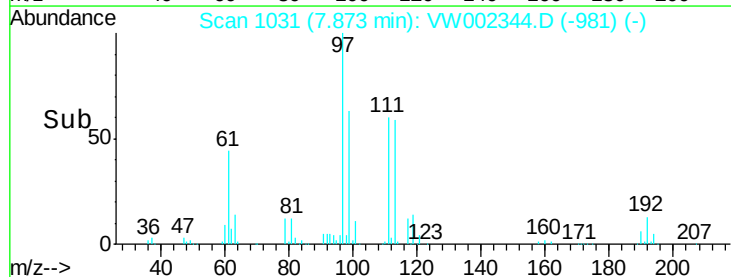
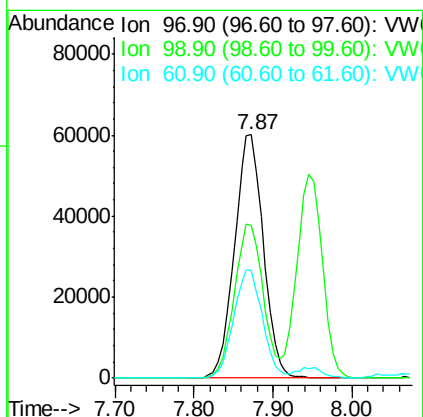
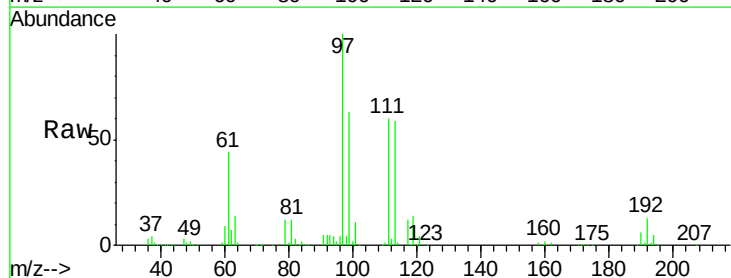
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

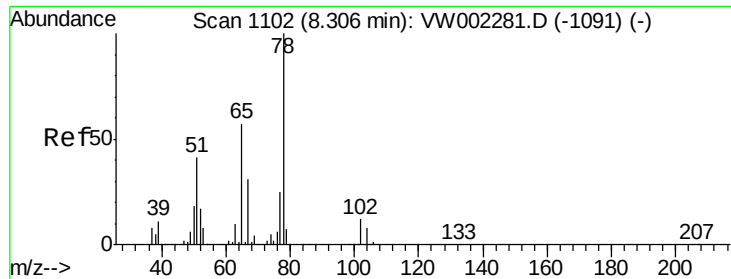
Tgt Ion: 56 Resp: 160044
Ion Ratio Lower Upper
56 100
69 32.6 26.2 39.4
84 88.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 51.31 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 97 Resp: 152848
Ion Ratio Lower Upper
97 100
99 63.6 52.6 79.0
61 44.4 35.6 53.4

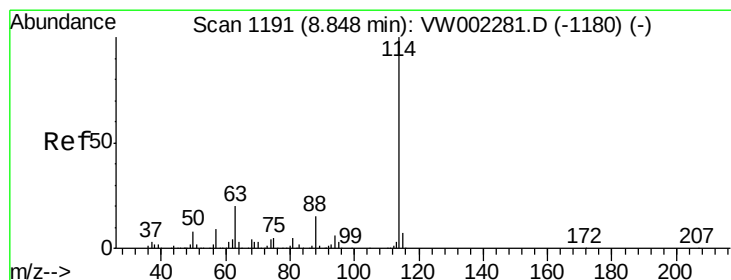
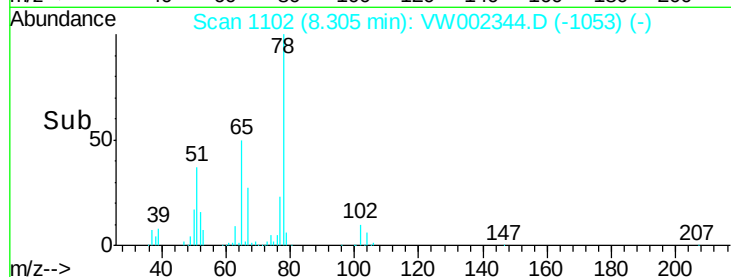
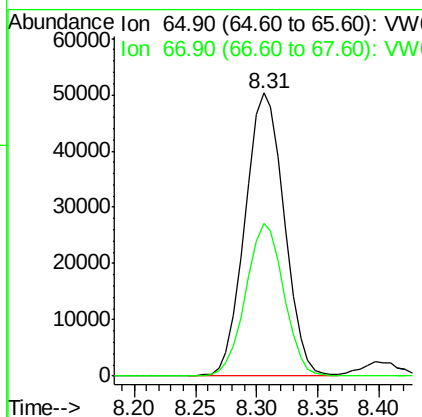
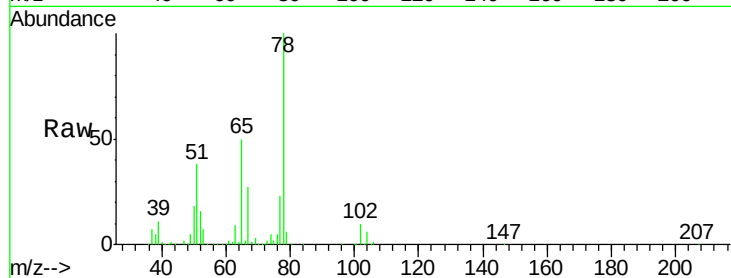




#33
 1,2-Dichloroethane-d4
 Concen: 49.42 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

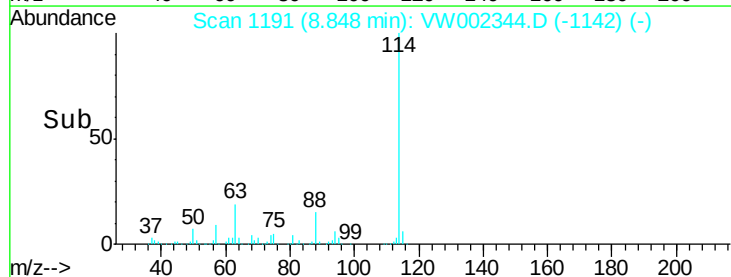
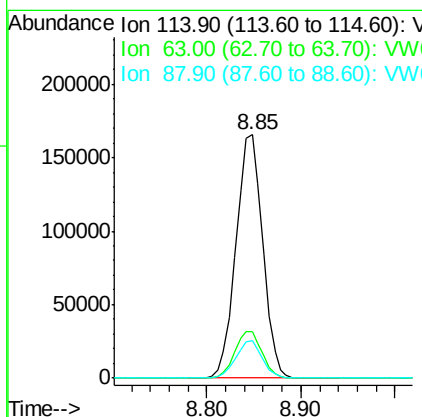
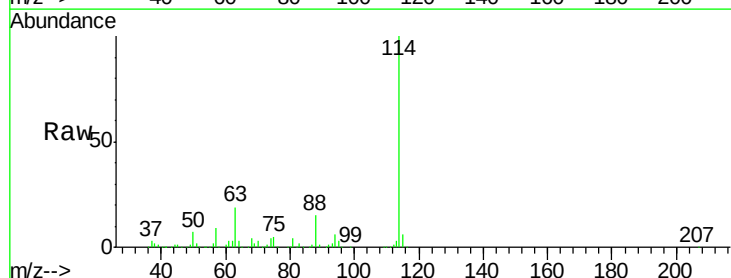
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

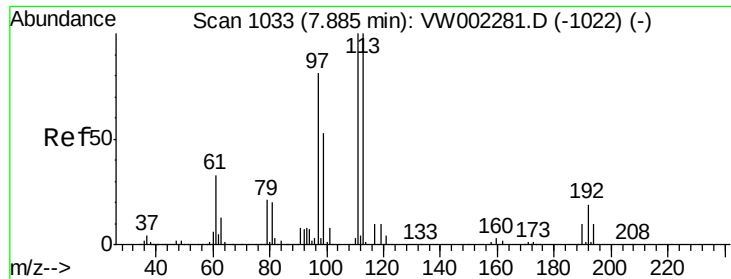
Tgt Ion: 65 Resp: 112387
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 114 Resp: 325607
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.3 0.0 29.6

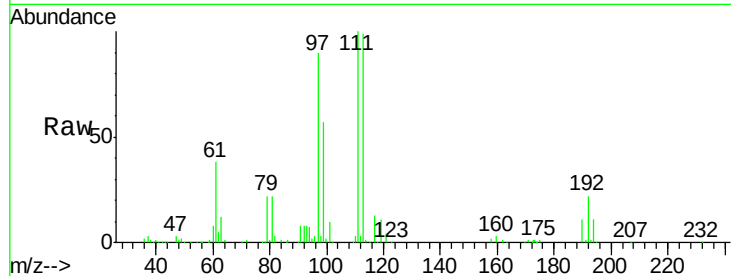




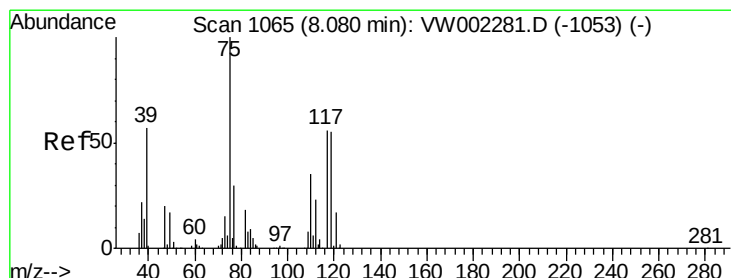
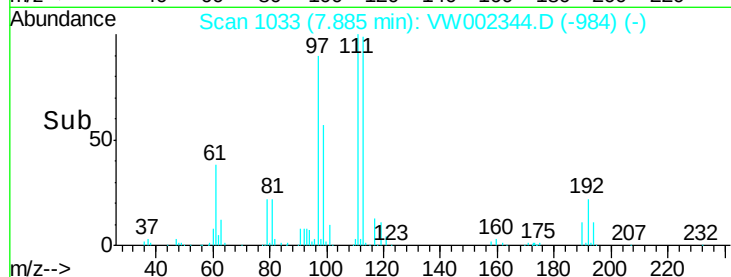
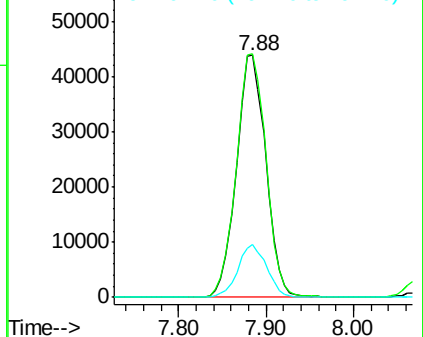
#35
 Dibromofluoromethane
 Concen: 49.30 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 102882
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 21.4 16.4 24.6

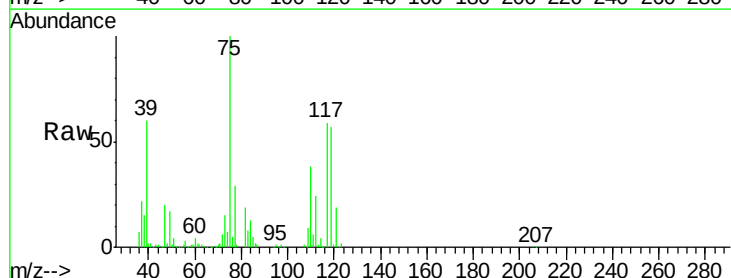


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

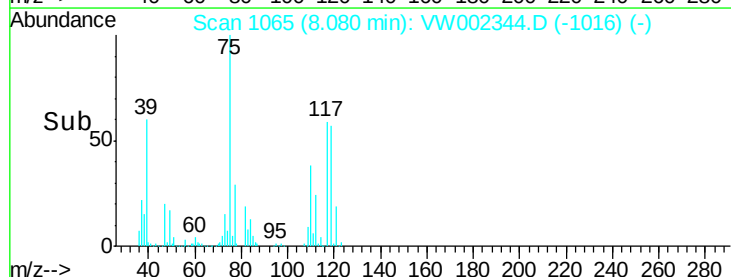
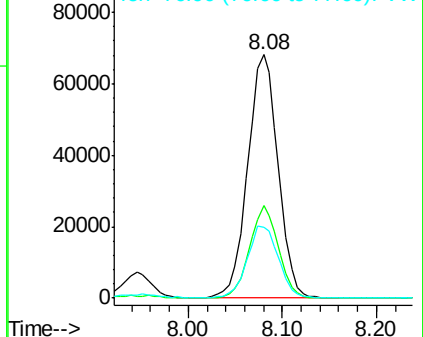


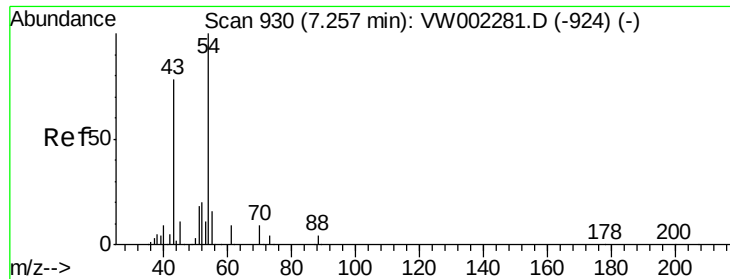
#36
 1,1-Dichloropropene
 Concen: 52.35 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 75 Resp: 154160
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.1
 77 30.6 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

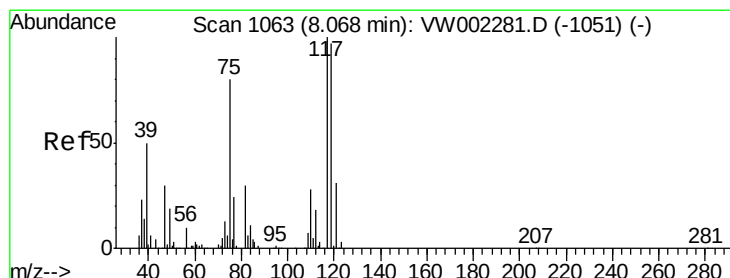
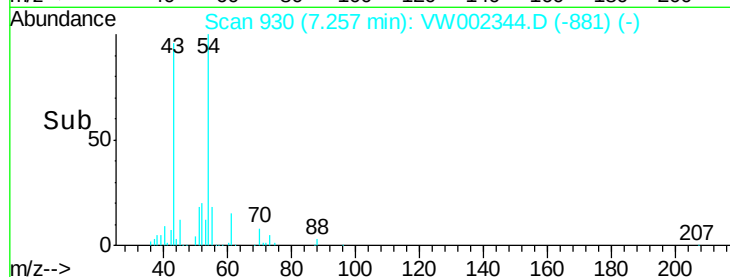
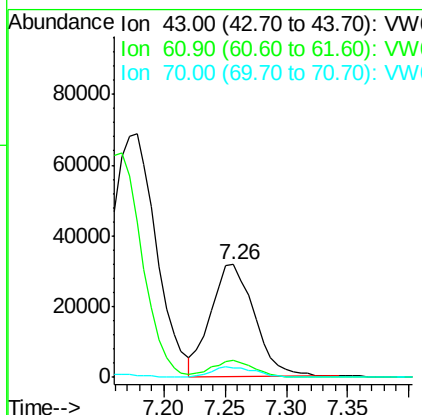
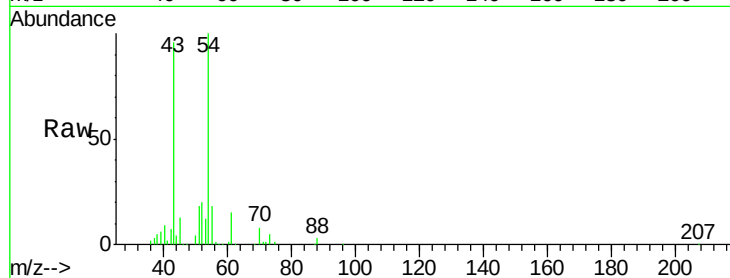




#37
Ethyl Acetate
 Concen: 54.83 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

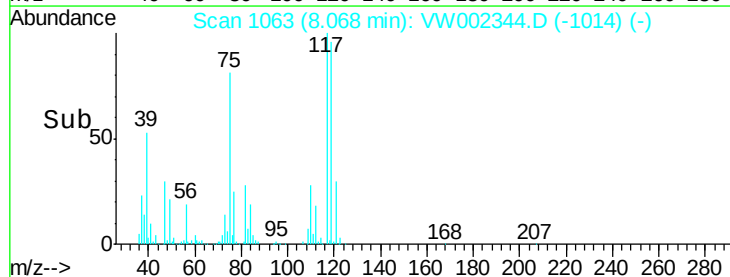
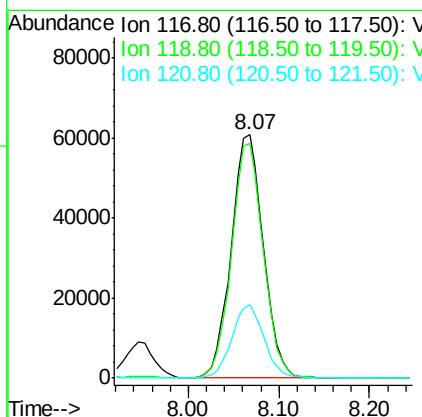
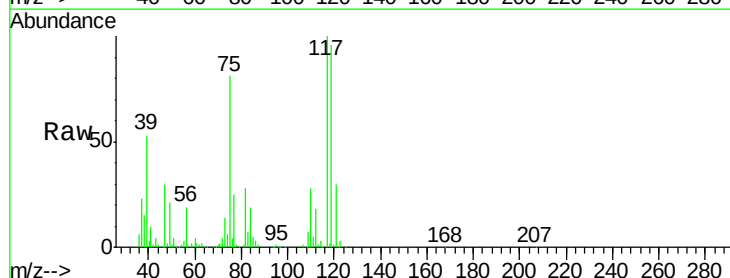
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

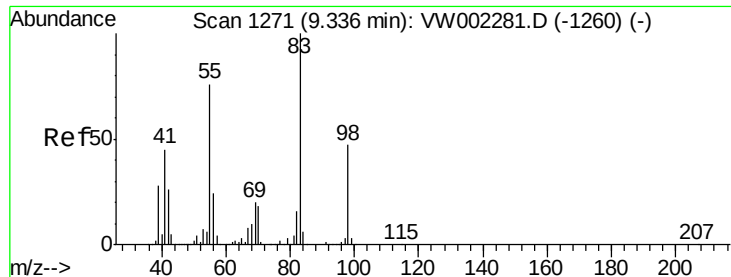
Tgt Ion: 43 Resp: 78685
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.1 16.7
 70 9.8 7.9 11.9



#38
Carbon Tetrachloride
 Concen: 52.82 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 117 Resp: 150425
 Ion Ratio Lower Upper
 117 100
 119 96.4 77.5 116.3
 121 30.2 24.4 36.6

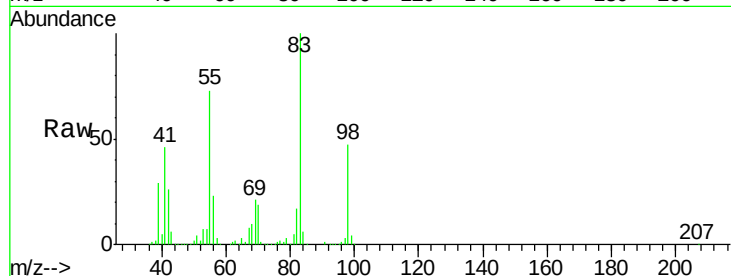




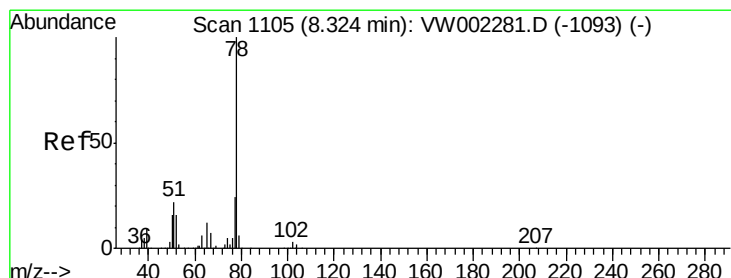
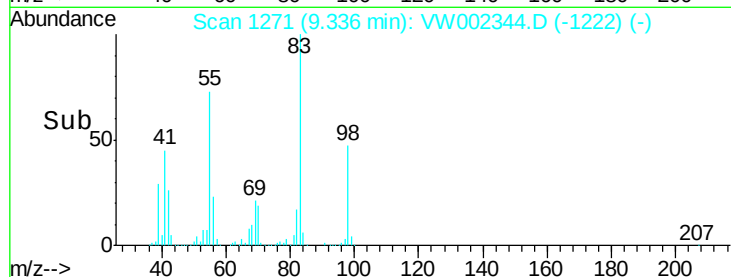
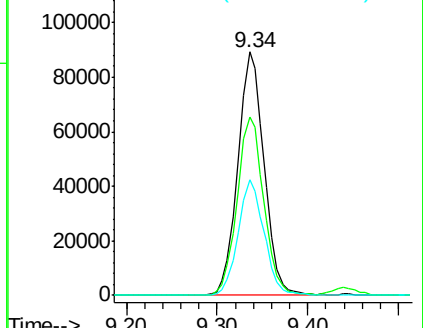
#39
Methylcyclohexane
Concen: 52.10 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 179039
Ion Ratio Lower Upper
83 100
55 73.3 60.6 91.0
98 47.4 37.4 56.0

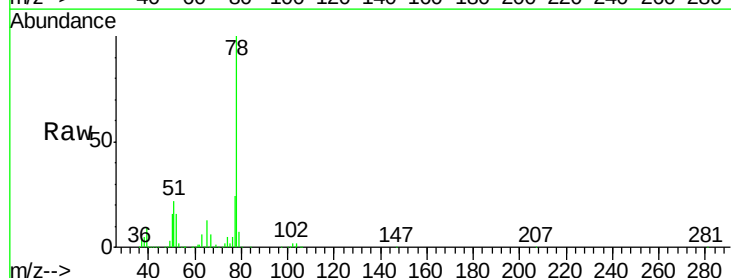


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

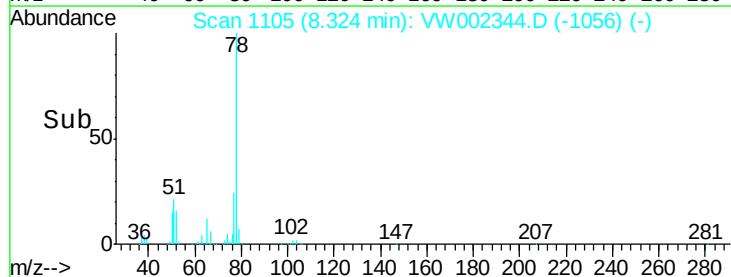
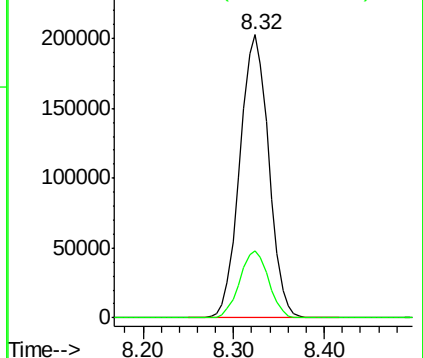


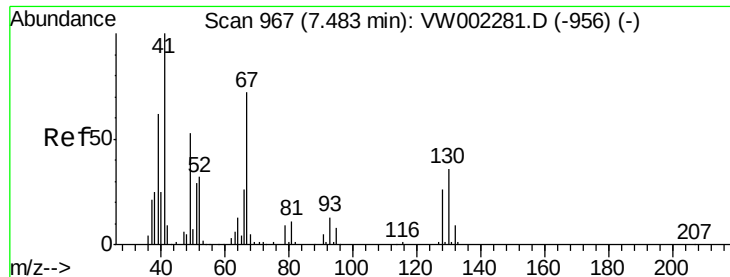
#40
Benzene
Concen: 52.03 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 78 Resp: 447874
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

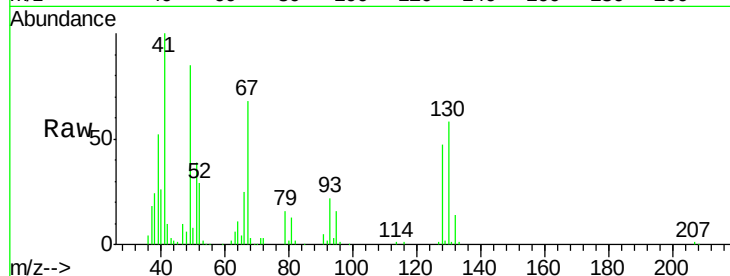




#41
Methacrylonitrile
Concen: 52.24 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	42958
Ion	Ratio	Lower	Upper
41	100		
39	58.0	40.2	60.4
67	79.3	54.7	82.1
52	32.8	23.6	35.4



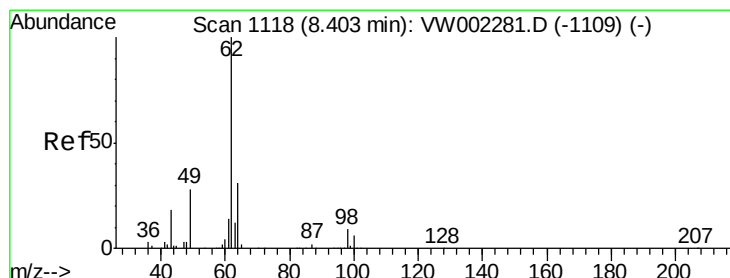
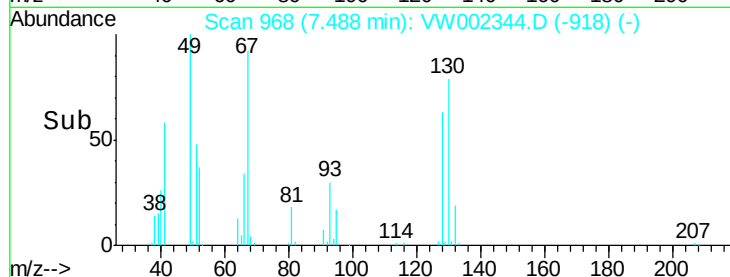
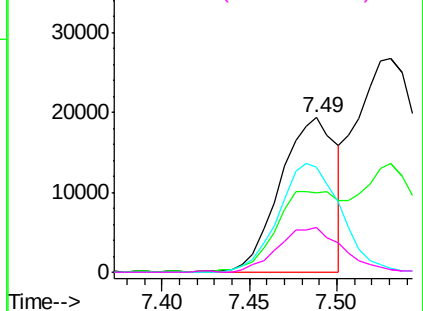
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

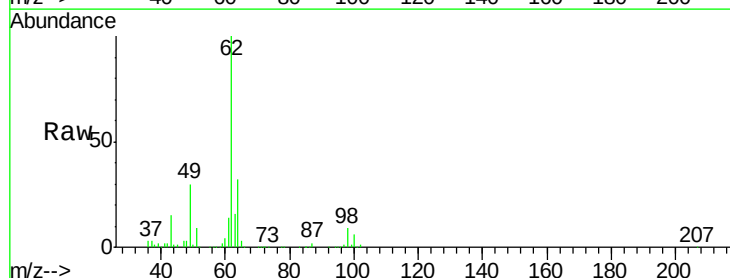
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 53.10 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

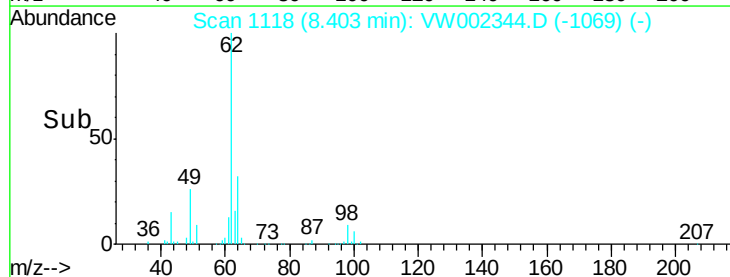
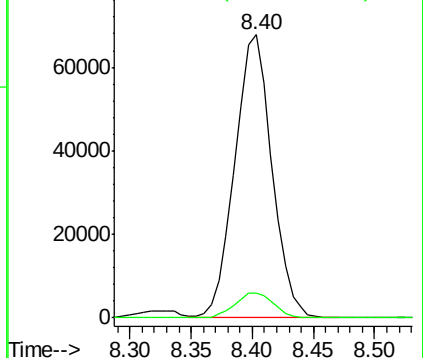
Tgt Ion:	62	Resp:	142556
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

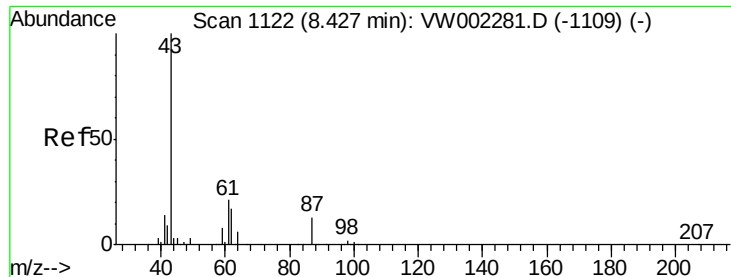


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 55.31 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

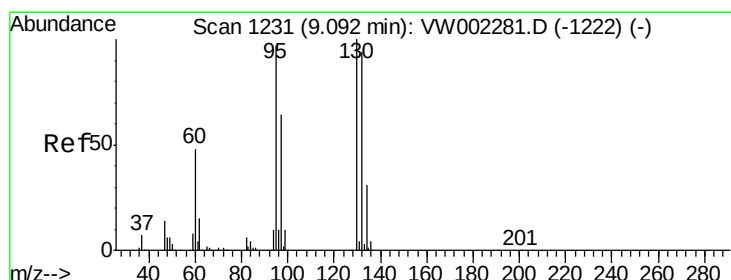
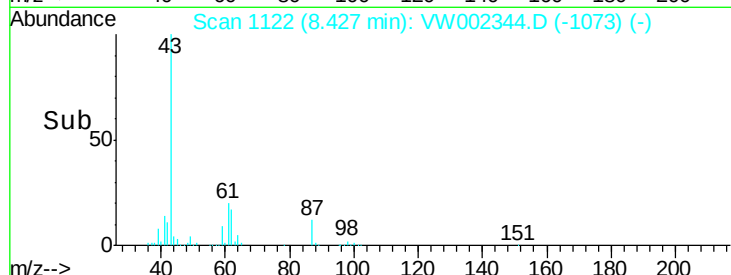
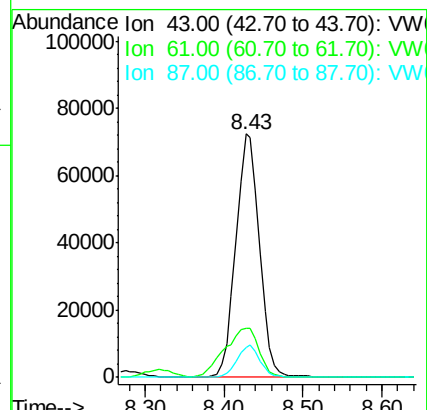
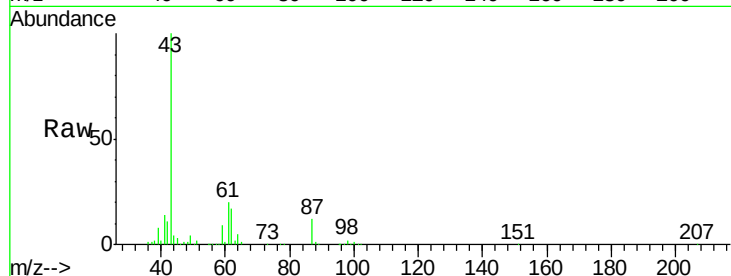
Tgt Ion: 43 Resp: 150580

Ion Ratio Lower Upper

43 100

61 29.6 23.7 35.5

87 12.8 10.7 16.1



#44

Trichloroethene

Concen: 51.36 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002344.D

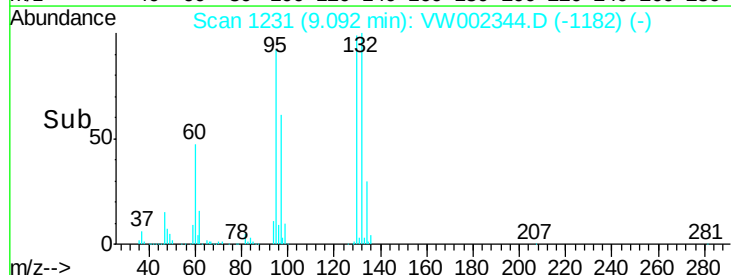
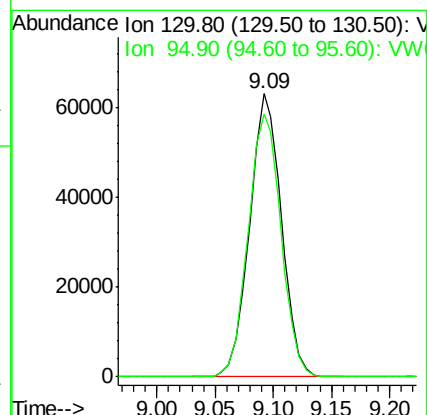
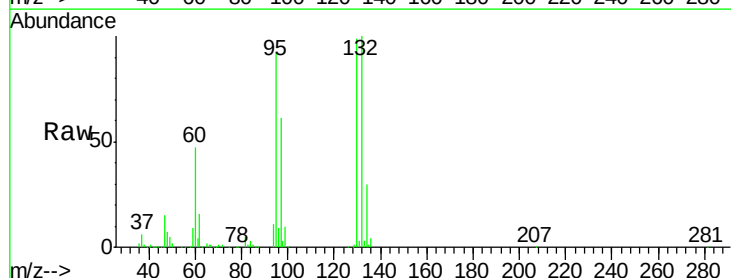
Acq: 09 May 2018 22:25

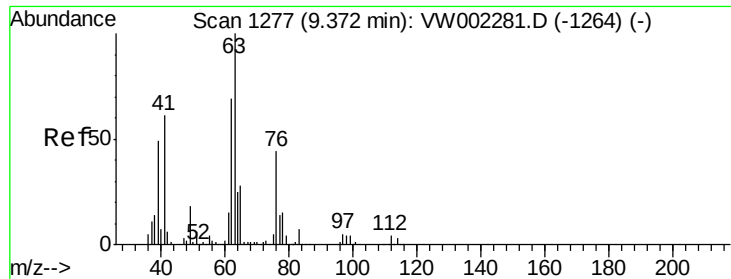
Tgt Ion: 130 Resp: 120519

Ion Ratio Lower Upper

130 100

95 92.8 0.0 193.4

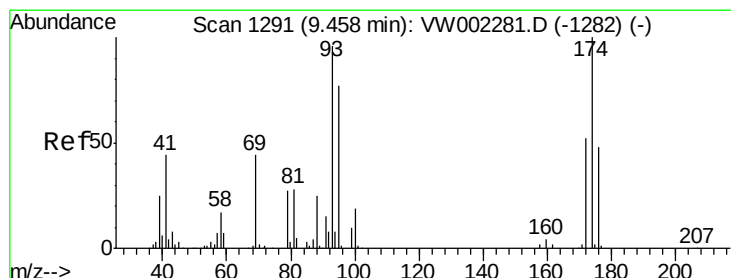
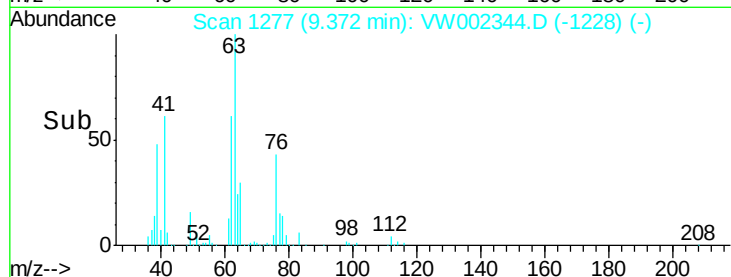
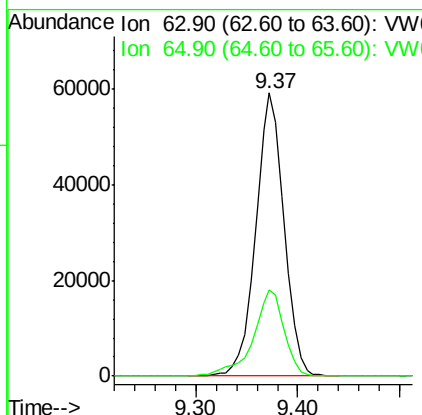
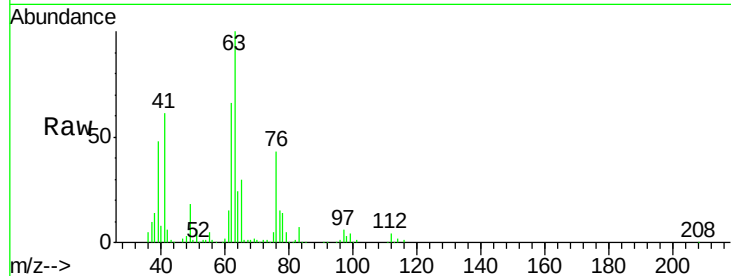




#45
 1,2-Dichloropropane
 Concen: 52.83 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

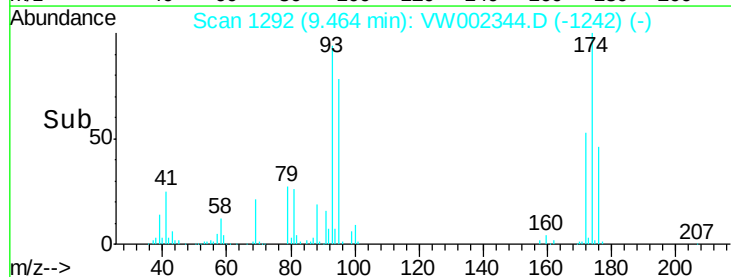
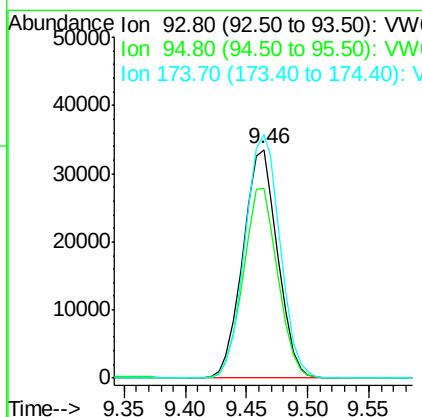
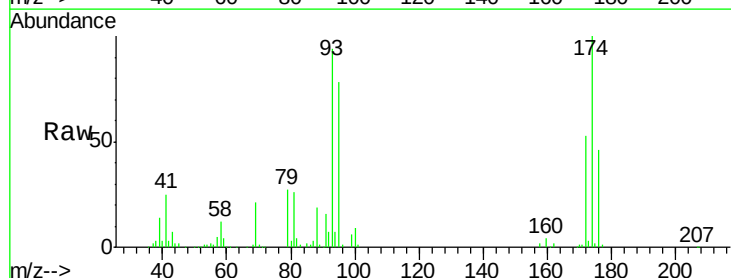
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

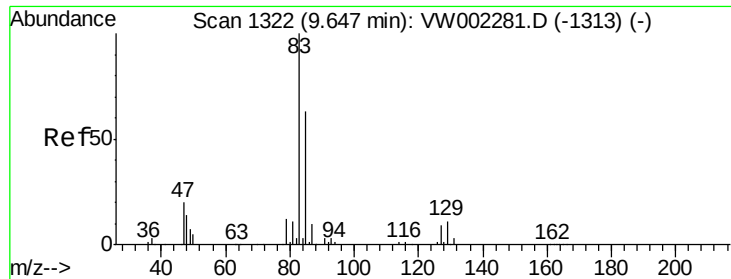
Tgt Ion: 63 Resp: 113932
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.9 34.3



#46
 Dibromomethane
 Concen: 54.89 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 93 Resp: 66170
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 107.9 86.8 130.2

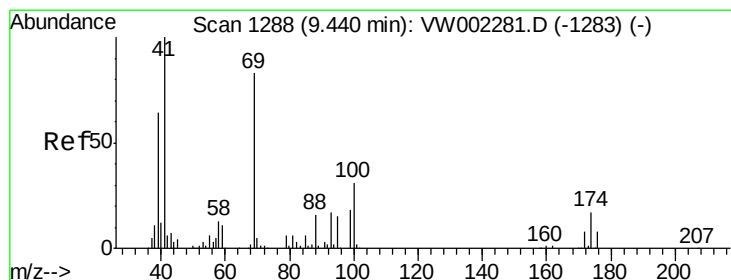
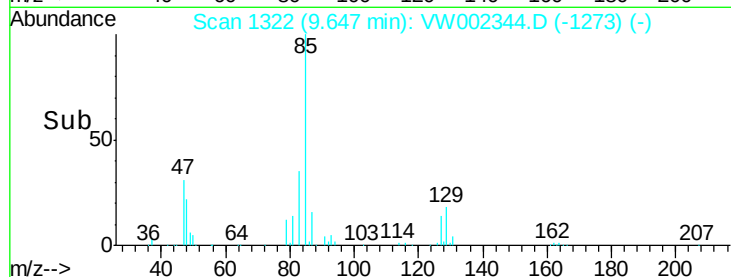
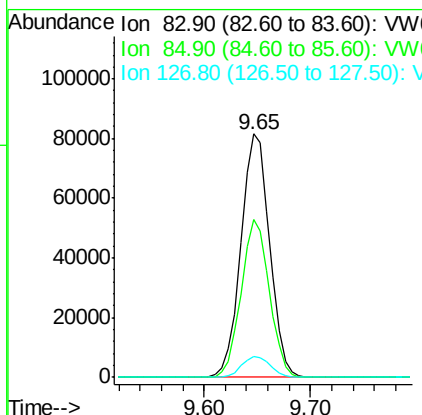
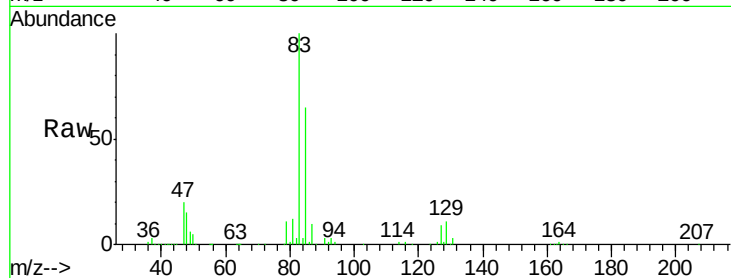




#47
 Bromodichloromethane
 Concen: 54.25 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

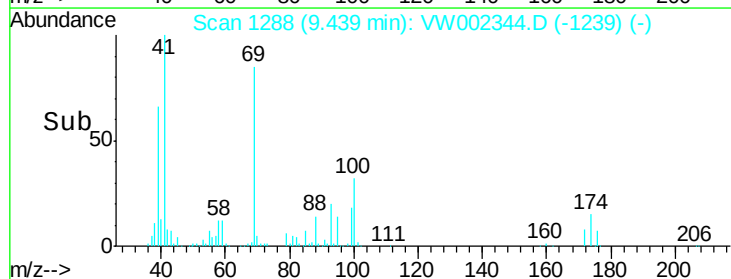
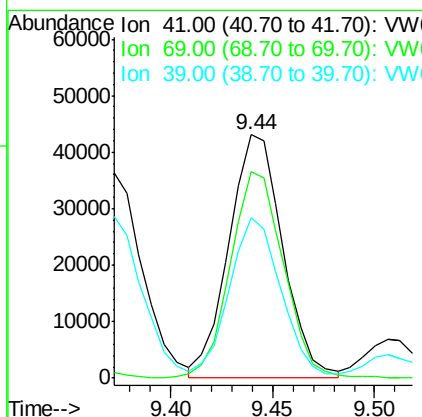
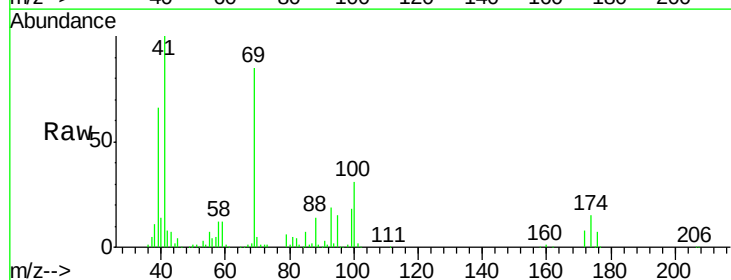
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

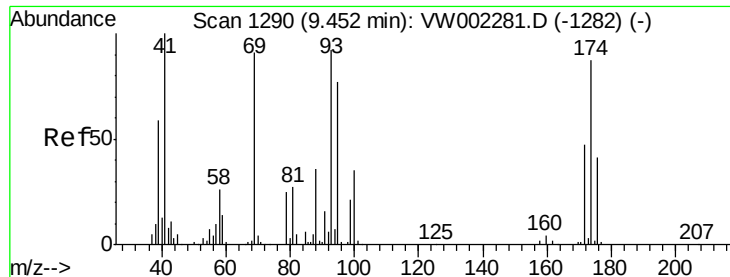
Tgt Ion: 83 Resp: 154332
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.2 75.2
 127 8.8 6.9 10.3



#48
 Methyl methacrylate
 Concen: 59.58 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 41 Resp: 78766
 Ion Ratio Lower Upper
 41 100
 69 84.5 69.9 104.9
 39 63.4 54.0 81.0

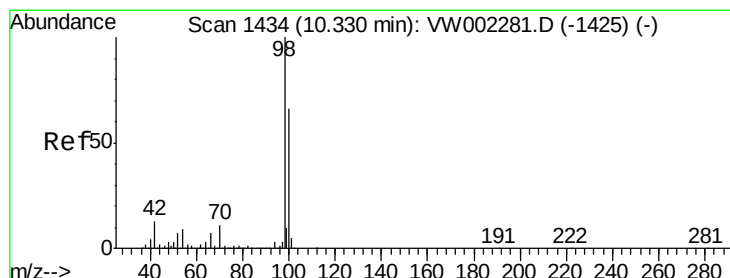
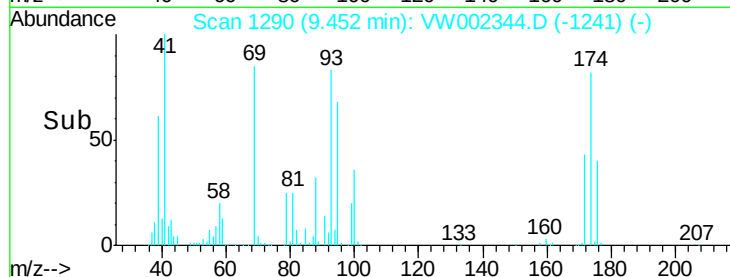
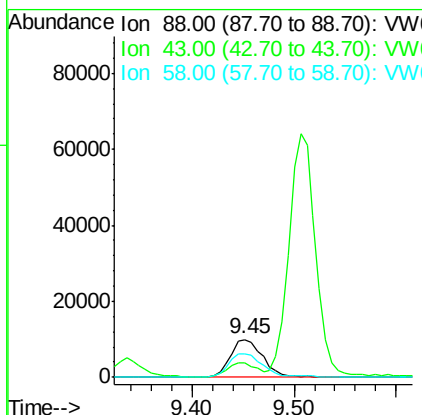
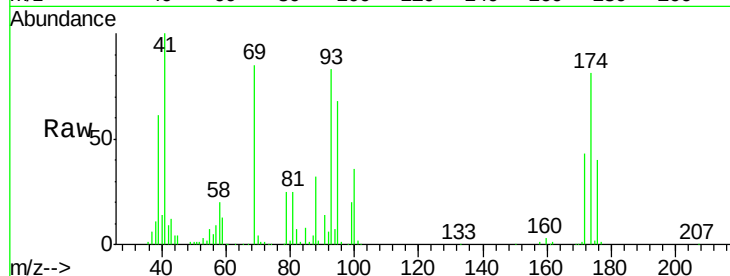




#49
1,4-Dioxane
Concen: 1138.70 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

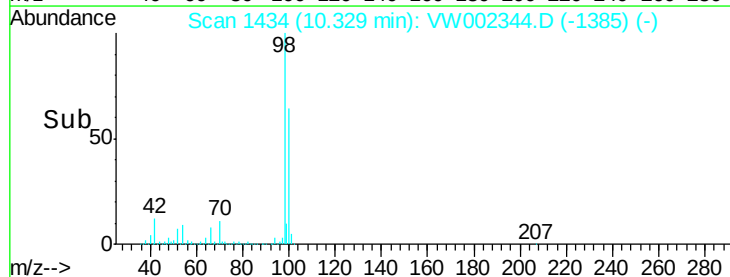
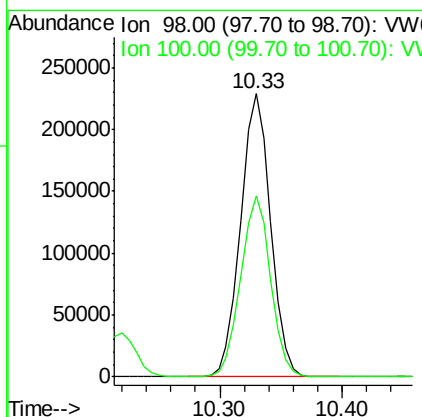
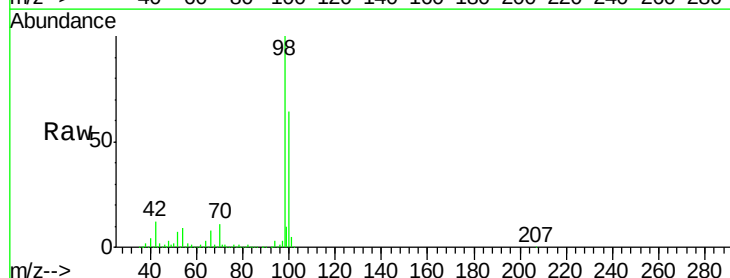
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

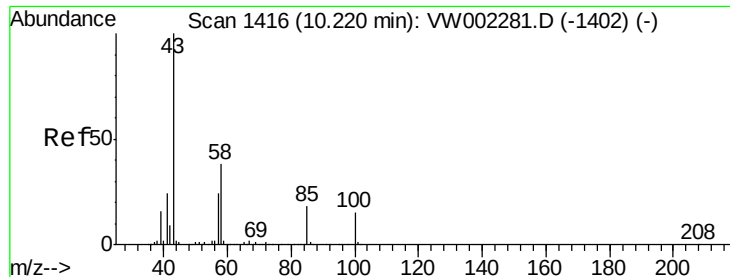
Tgt Ion: 88 Resp: 21807
Ion Ratio Lower Upper
88 100
43 32.6 26.3 39.5
58 66.0 56.0 84.0



#50
Toluene-d8
Concen: 48.91 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 98 Resp: 389226
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2

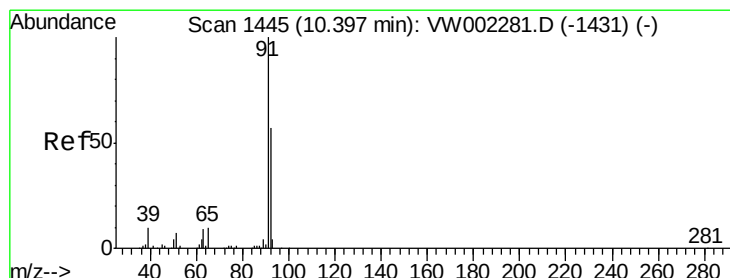
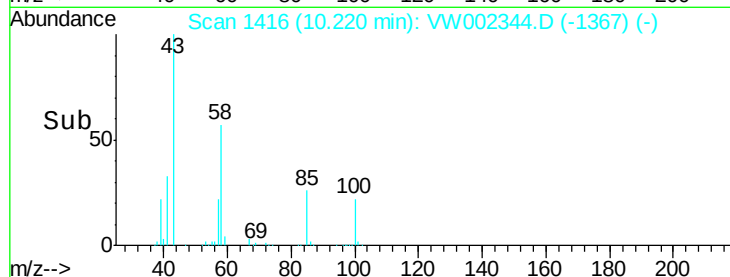
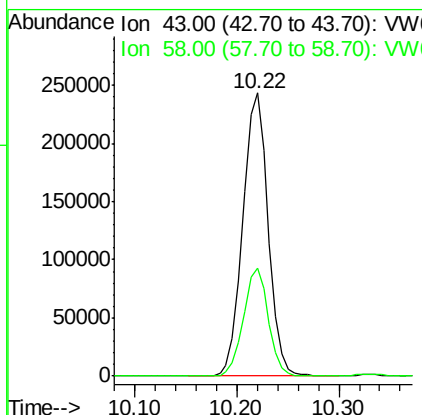
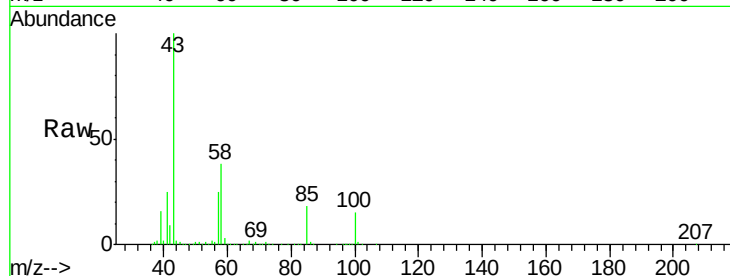




#51
 4-Methyl-2-Pentanone
 Concen: 278.86 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

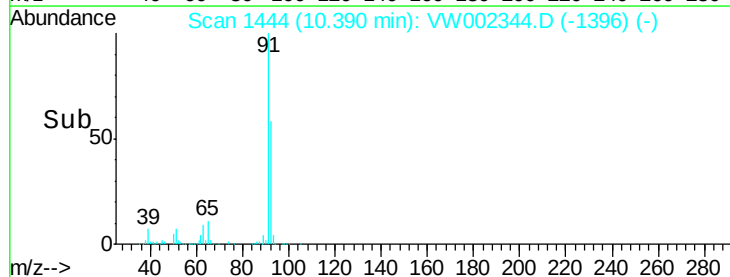
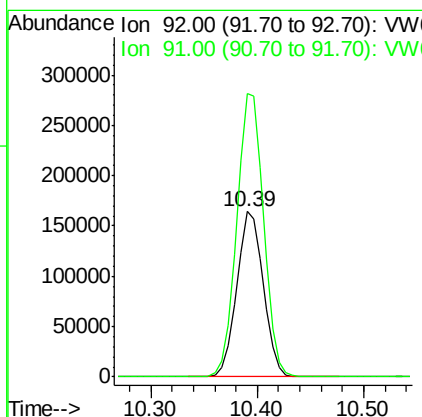
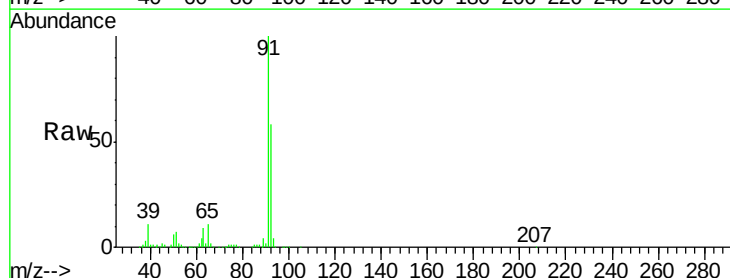
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

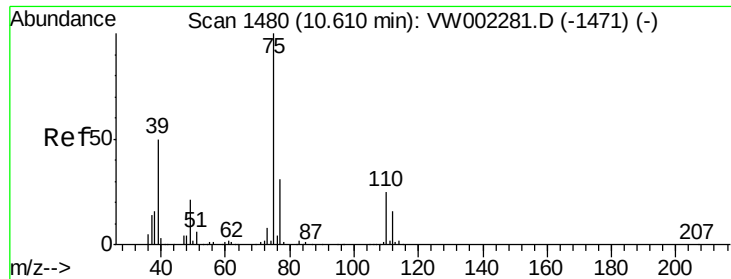
Tgt Ion: 43 Resp: 418823
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.2



#52
 Toluene
 Concen: 52.56 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 92 Resp: 287341
 Ion Ratio Lower Upper
 92 100
 91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 55.13 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

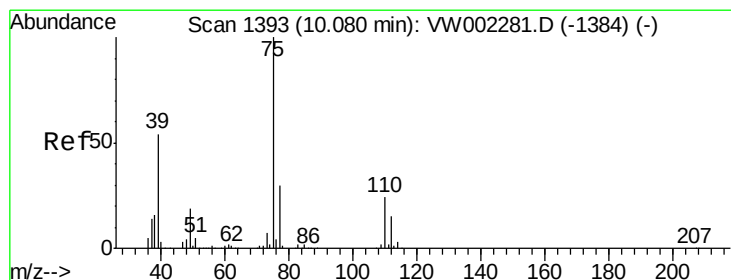
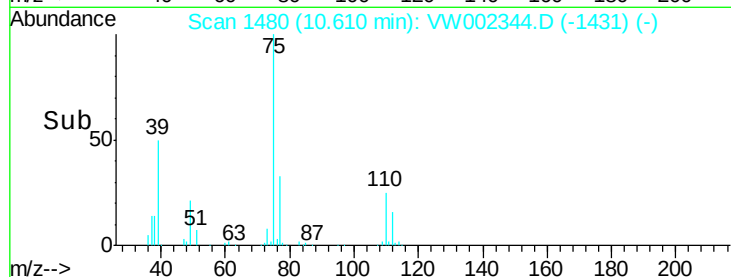
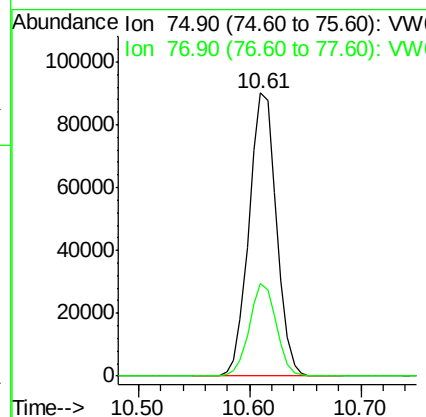
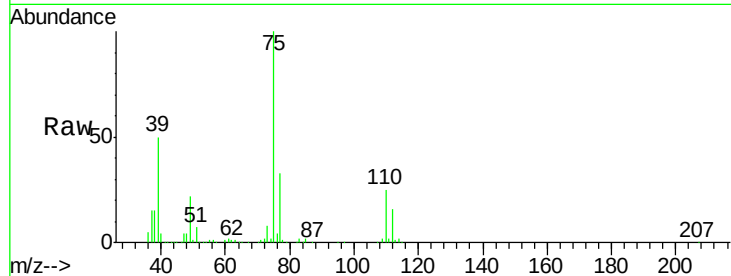
VSTDCCC050

Tgt Ion: 75 Resp: 154219

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 53.93 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

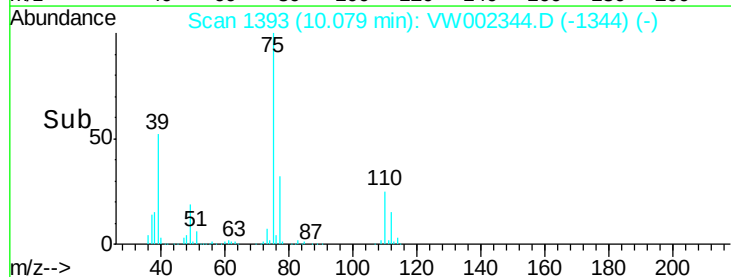
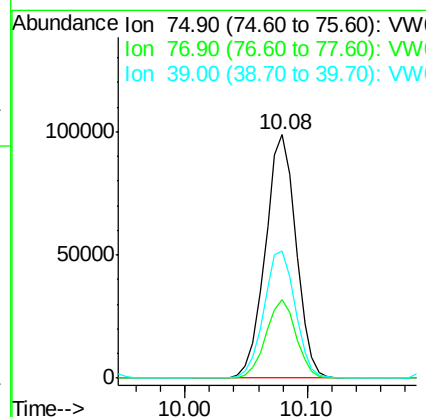
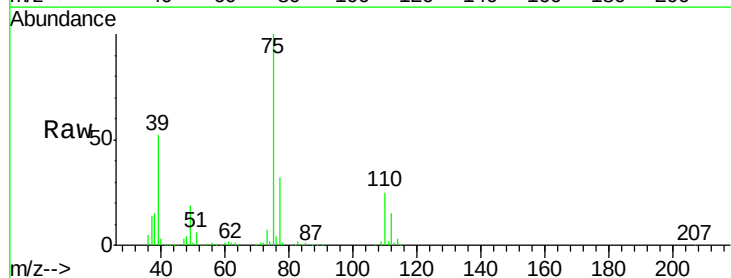
Tgt Ion: 75 Resp: 172467

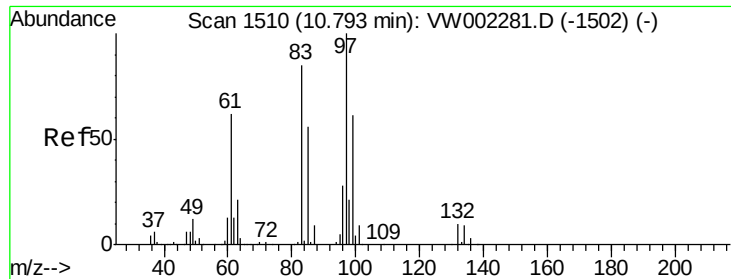
Ion Ratio Lower Upper

75 100

77 32.2 23.9 35.9

39 52.0 43.2 64.8

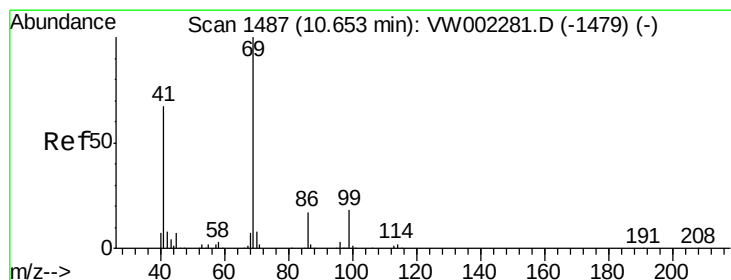
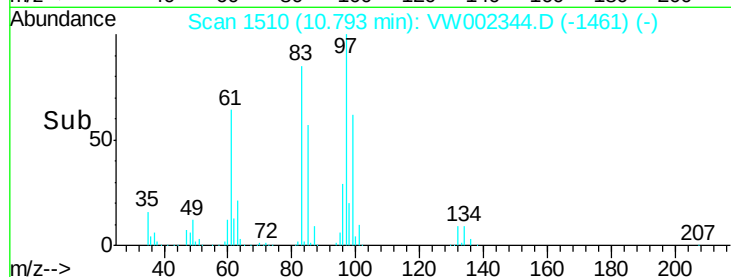
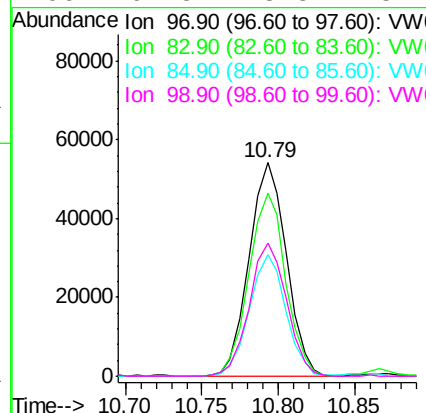
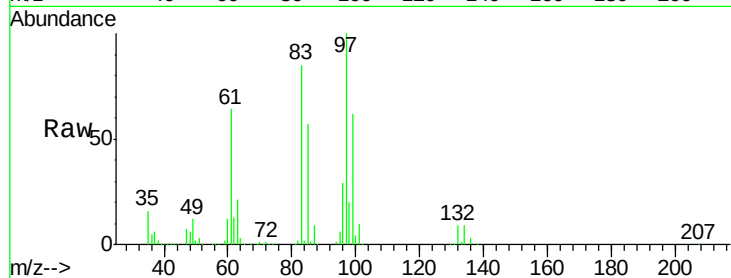




#55
 1,1,2-Trichloroethane
 Concen: 54.26 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

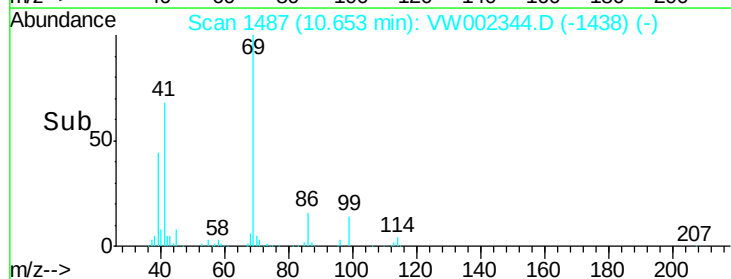
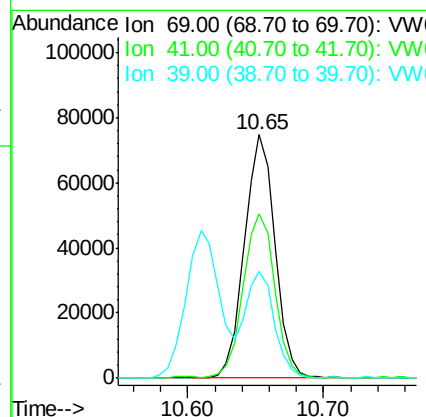
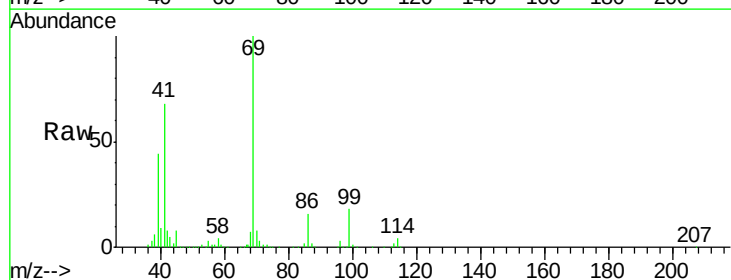
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

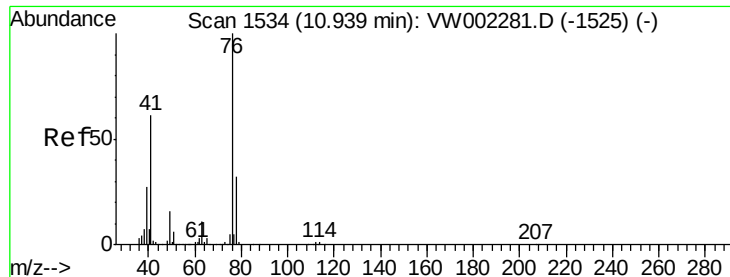
Tgt Ion:	97	Resp:	92100
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	56.9	44.6	67.0
99	62.3	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 55.94 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion:	69	Resp:	117391
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.0	84.0
39	40.7	32.7	49.1

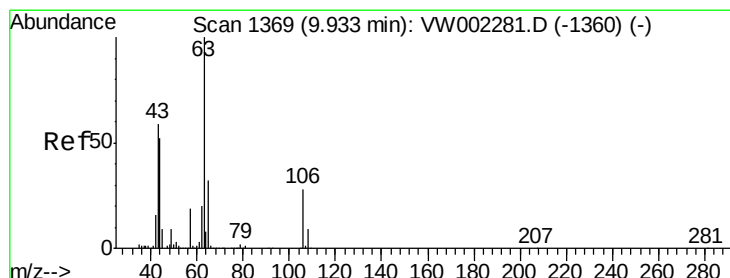
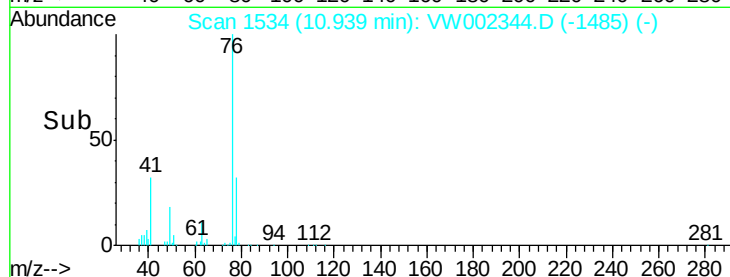
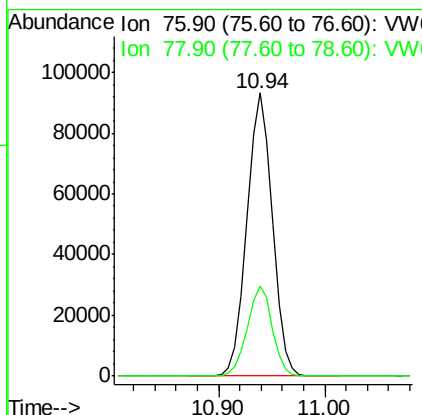
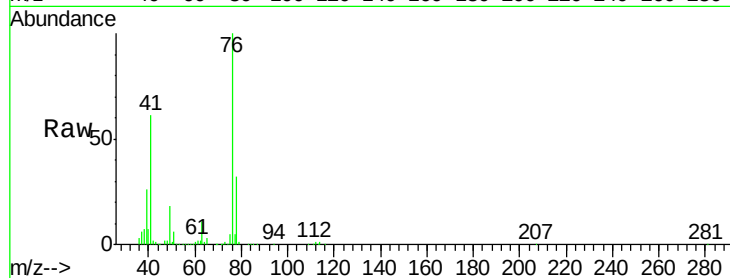




#57
 1,3-Dichloropropane
 Concen: 54.29 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

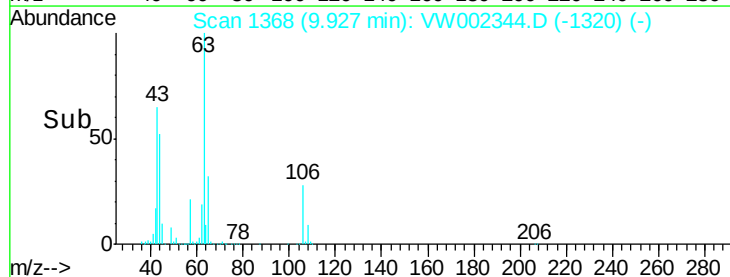
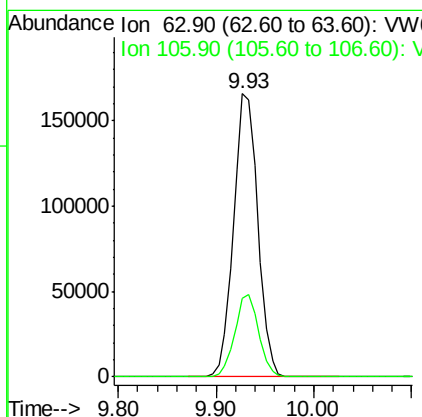
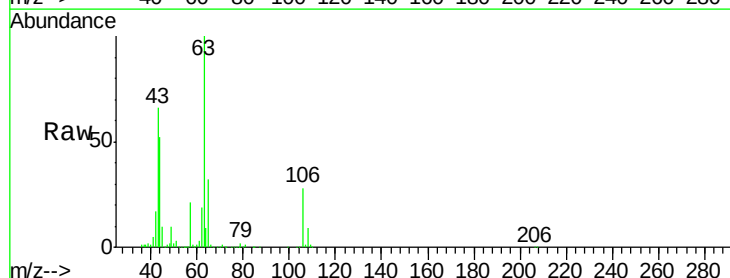
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

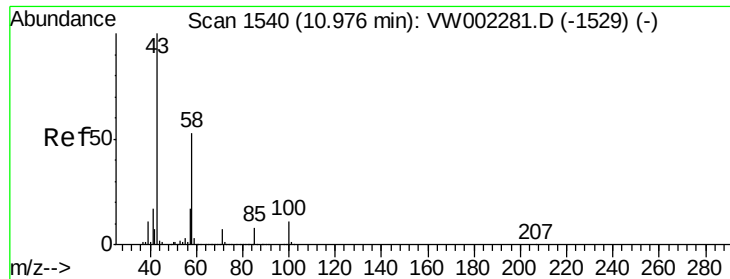
Tgt Ion: 76 Resp: 156654
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.43 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 63 Resp: 285614
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.5 33.7

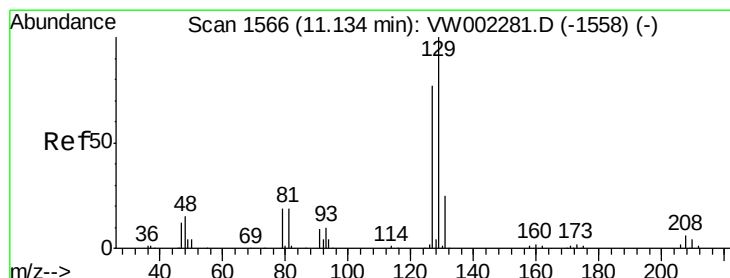
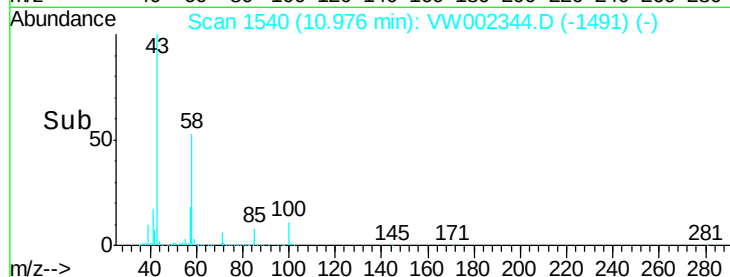
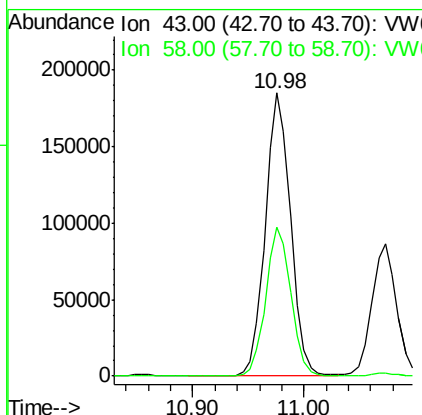
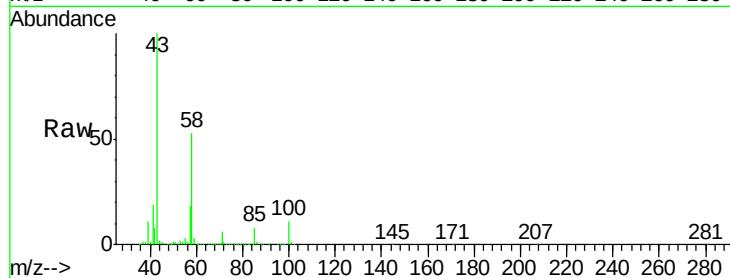




#59
2-Hexanone
Concen: 285.56 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

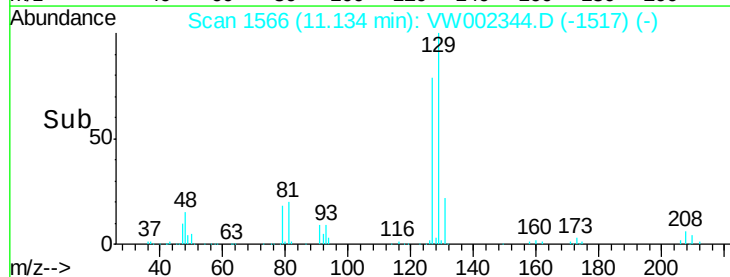
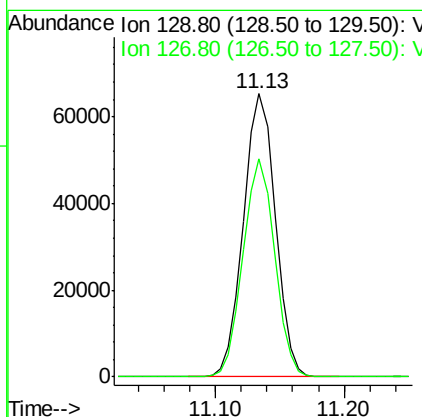
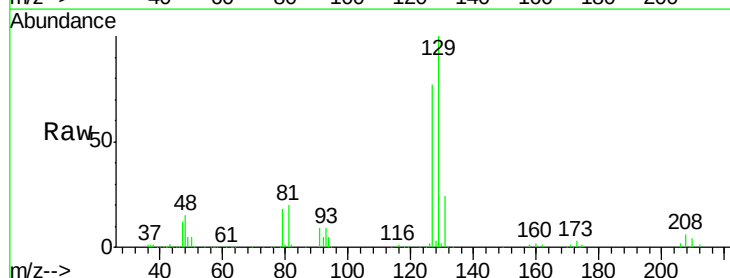
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

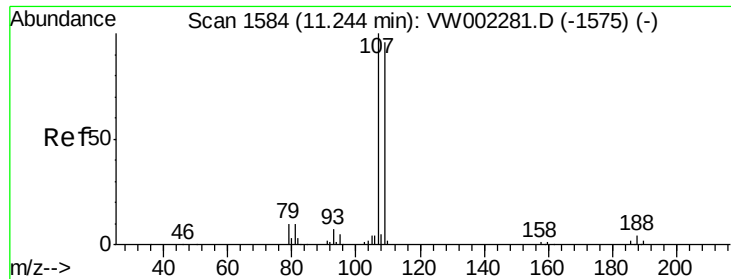
Tgt Ion: 43 Resp: 293359
Ion Ratio Lower Upper
43 100
58 52.5 26.0 78.0



#60
Dibromochloromethane
Concen: 56.07 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 129 Resp: 112324
Ion Ratio Lower Upper
129 100
127 76.0 39.0 116.9

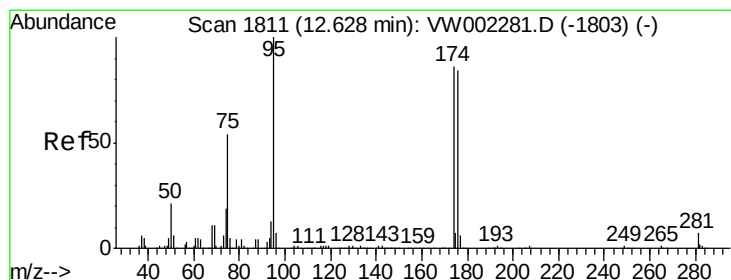
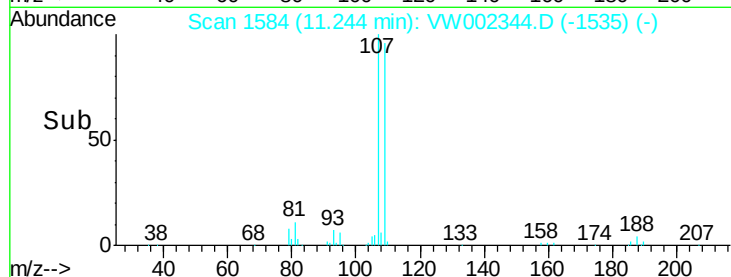
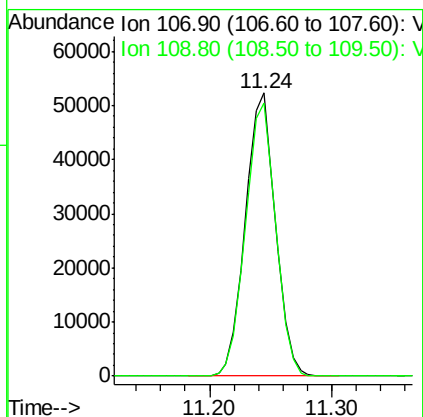
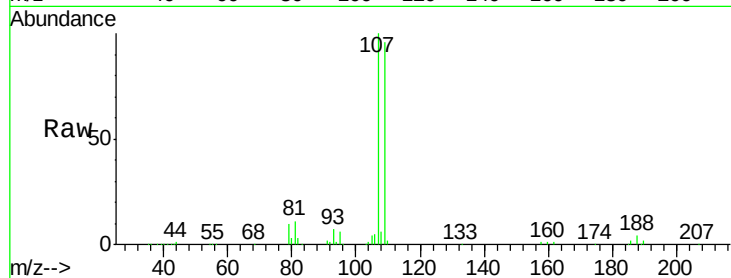




#61
 1,2-Dibromoethane
 Concen: 54.08 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

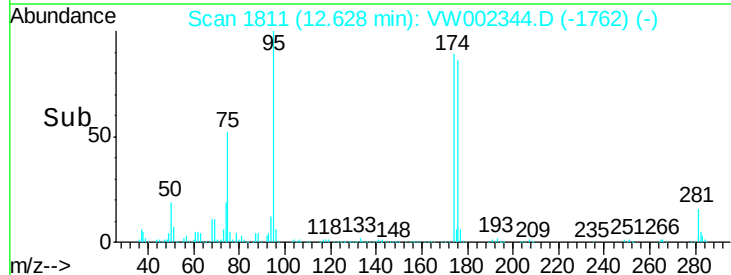
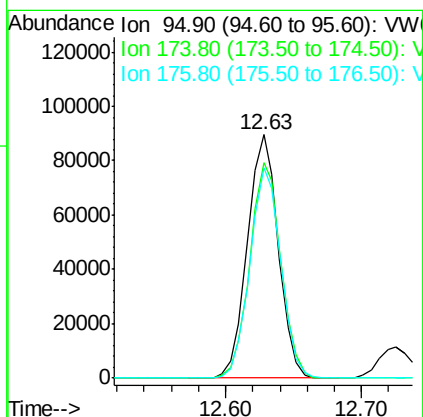
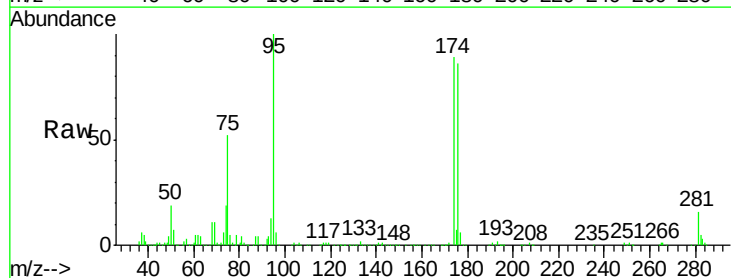
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

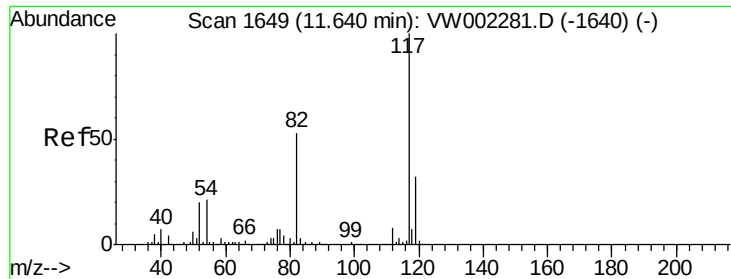
Tgt Ion: 107 Resp: 89727
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.47 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 95 Resp: 142282
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 176.8
 176 86.5 0.0 170.4

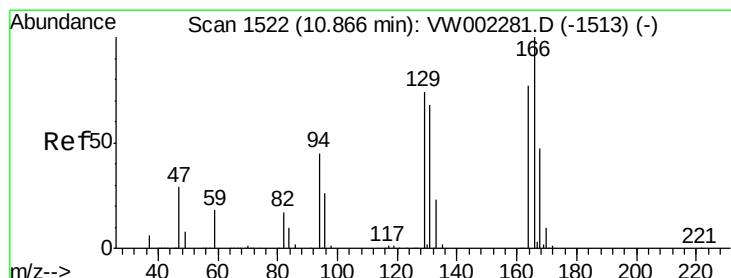
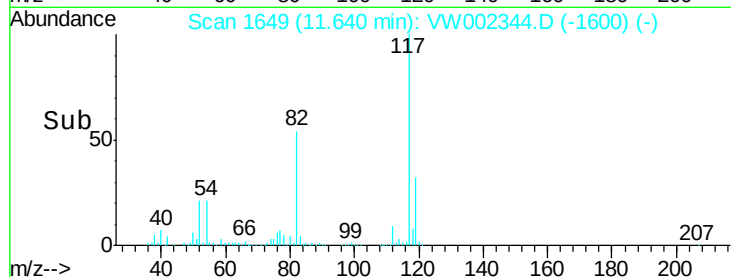
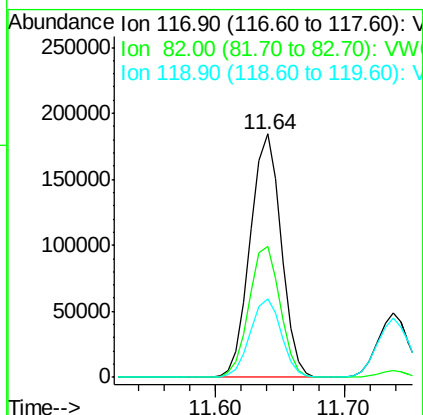
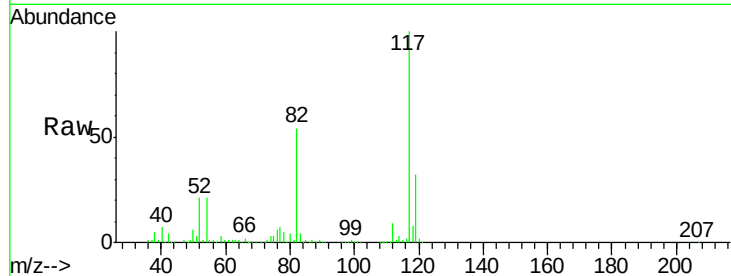




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

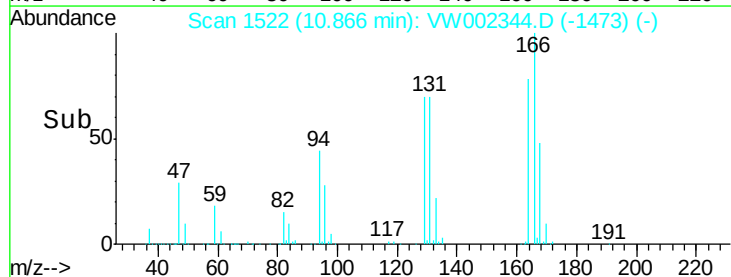
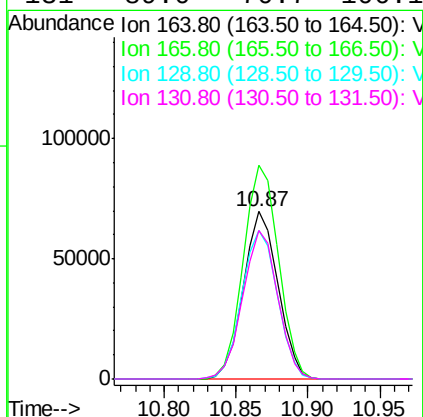
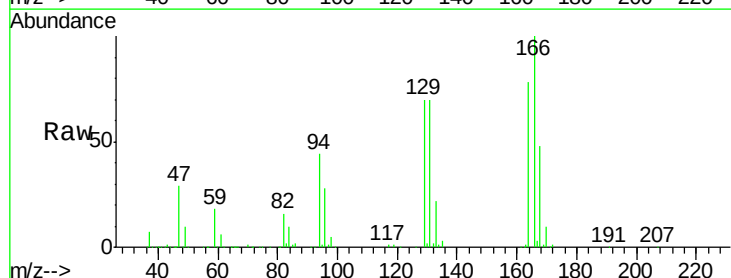
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

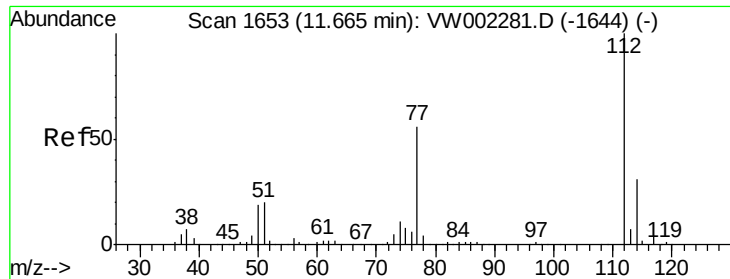
Tgt Ion:117 Resp: 305635
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 49.38 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion:164 Resp: 116158
Ion Ratio Lower Upper
164 100
166 127.8 103.3 154.9
129 89.0 76.6 114.8
131 89.0 70.7 106.1





#65

Chlorobenzene

Concen: 52.07 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

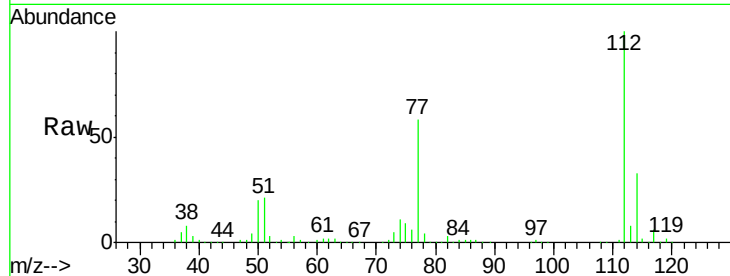
VSTDCCC050

Tgt Ion:112 Resp: 325186

Ion Ratio Lower Upper

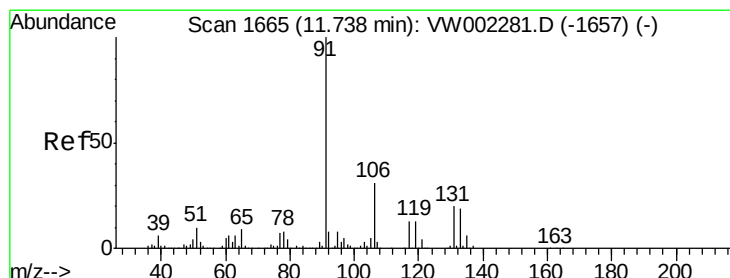
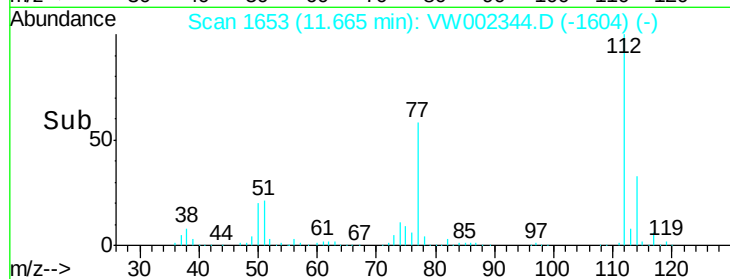
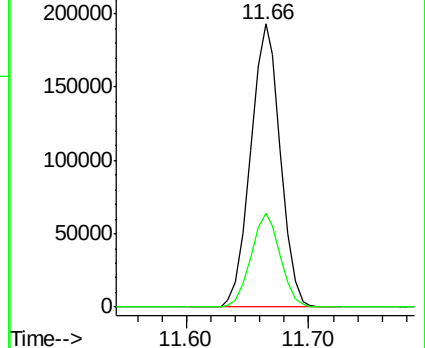
112 100

114 33.0 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.17 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

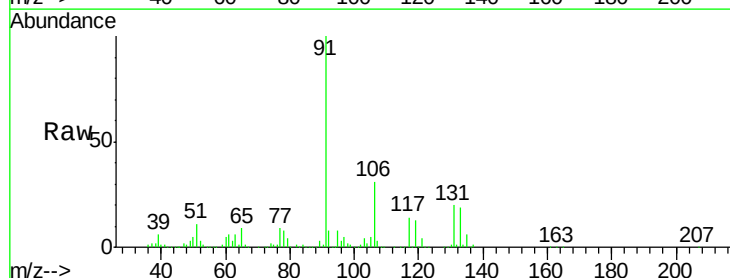
Tgt Ion:131 Resp: 116131

Ion Ratio Lower Upper

131 100

133 97.7 47.8 143.3

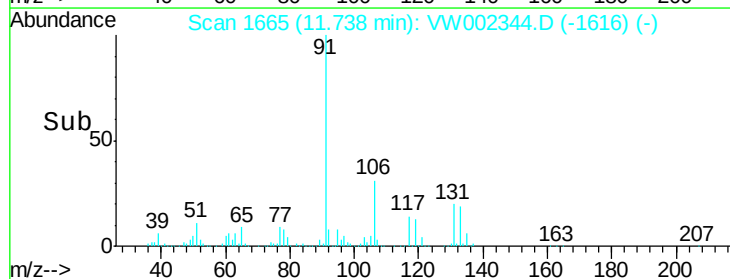
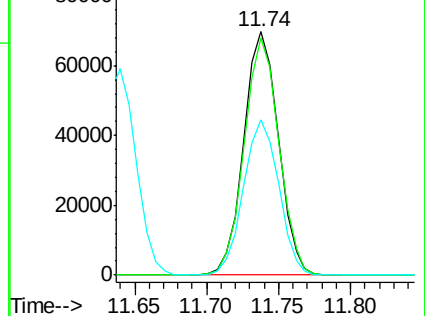
119 64.9 32.0 96.0

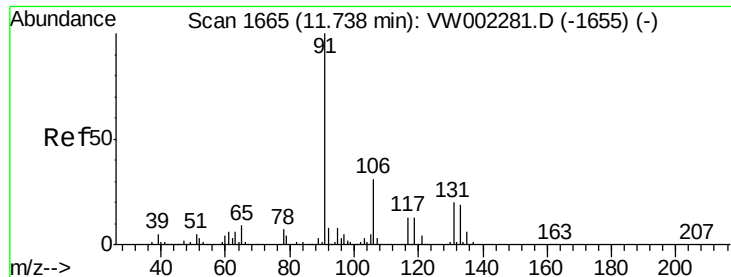


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

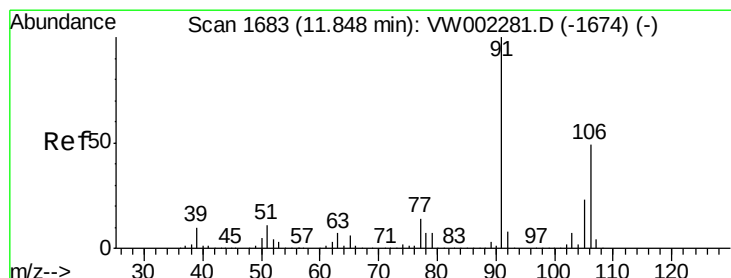
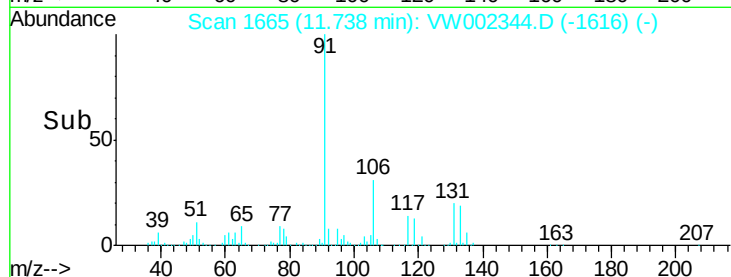
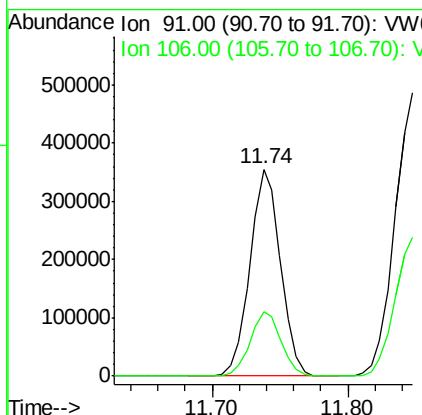
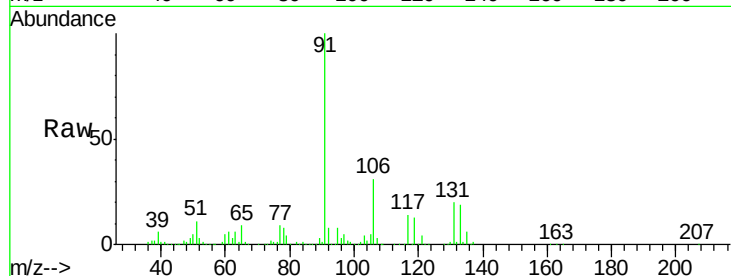




#67
Ethyl Benzene
Concen: 52.04 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

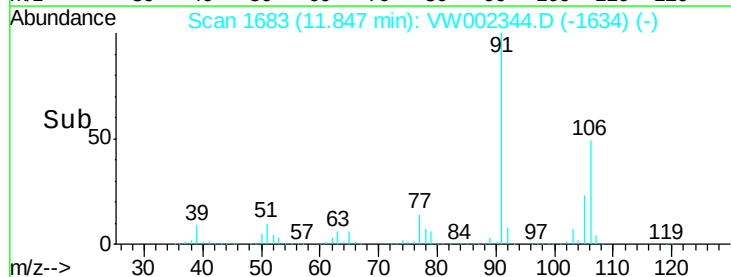
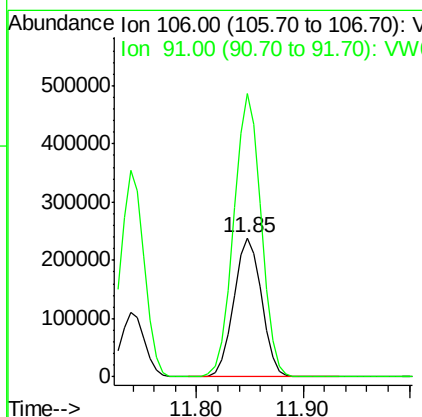
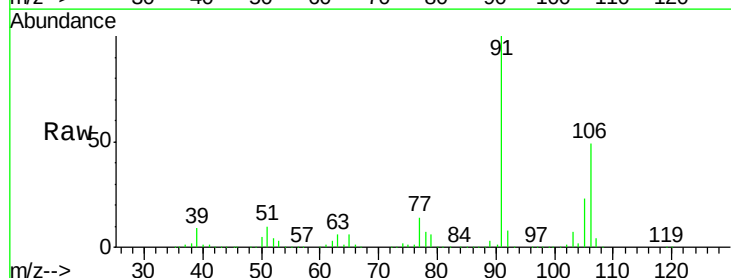
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

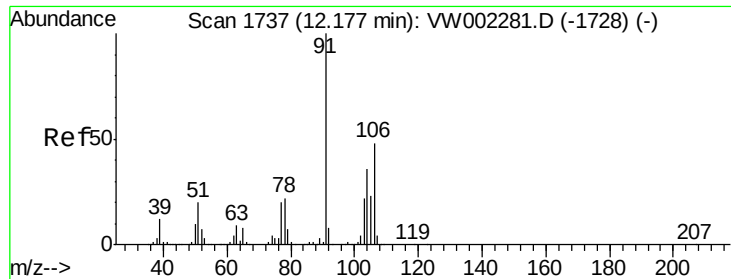
Tgt Ion: 91 Resp: 558564
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 105.41 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 106 Resp: 436568
Ion Ratio Lower Upper
106 100
91 200.7 161.4 242.0

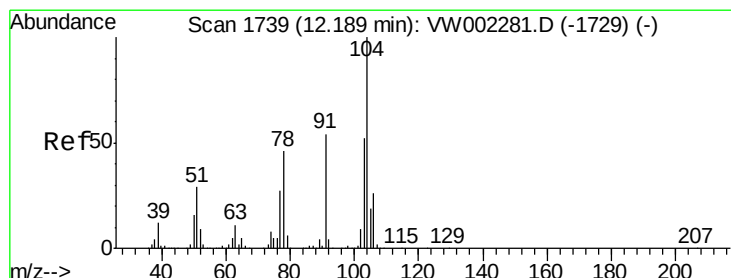
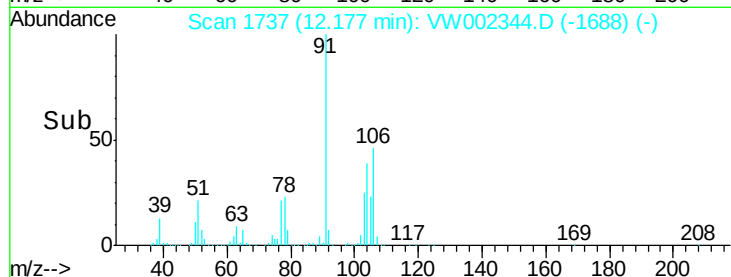
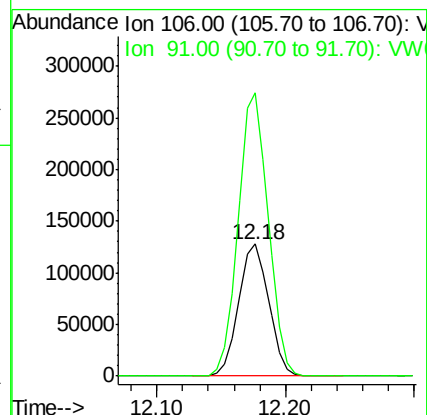
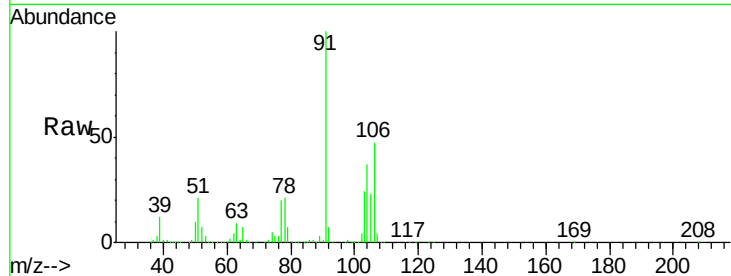




#69
o-Xylene
Concen: 52.73 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

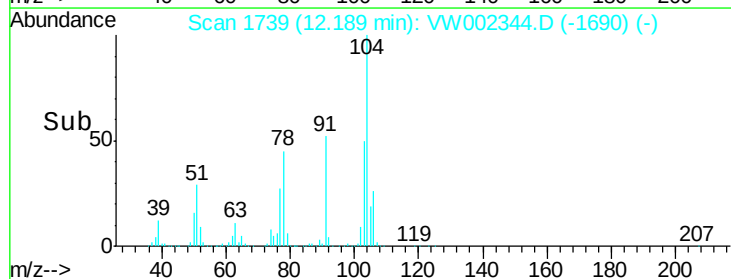
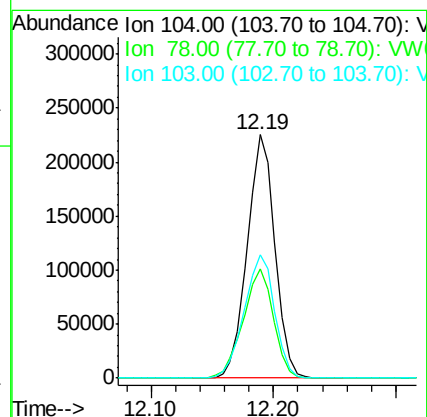
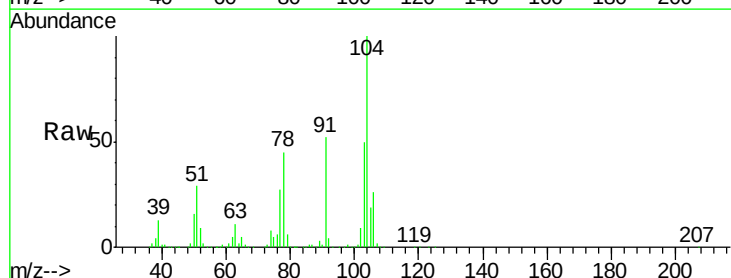
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

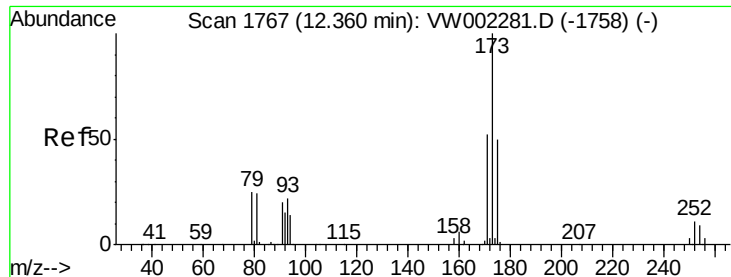
Tgt Ion:106 Resp: 207696
Ion Ratio Lower Upper
106 100
91 213.6 107.1 321.1



#70
Styrene
Concen: 54.15 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion:104 Resp: 354120
Ion Ratio Lower Upper
104 100
78 49.1 39.6 59.4
103 55.6 44.4 66.6





#71

Bromoform

Concen: 55.93 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

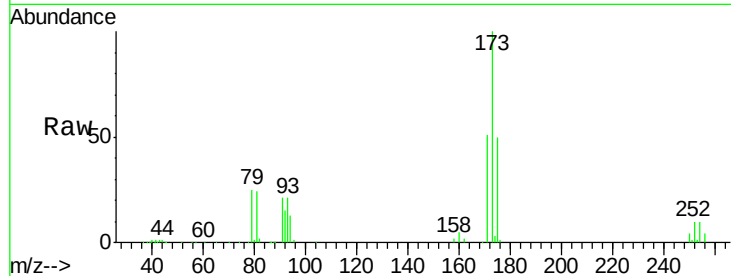
Tgt Ion:173 Resp: 71388

Ion Ratio Lower Upper

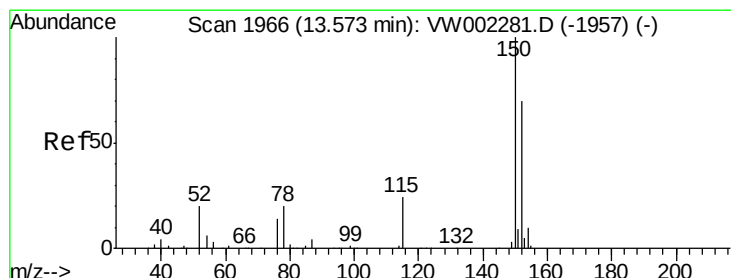
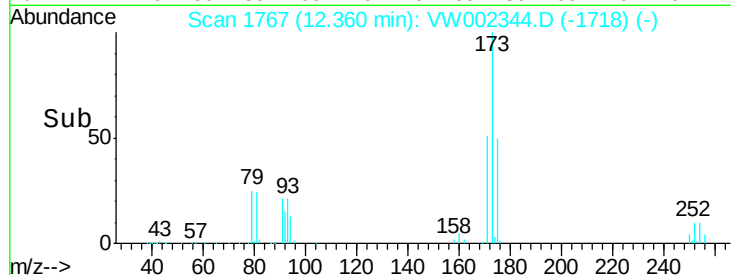
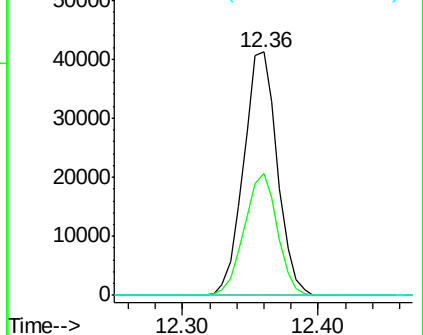
173 100

175 49.1 24.3 72.9

254 0.0 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: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.01 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

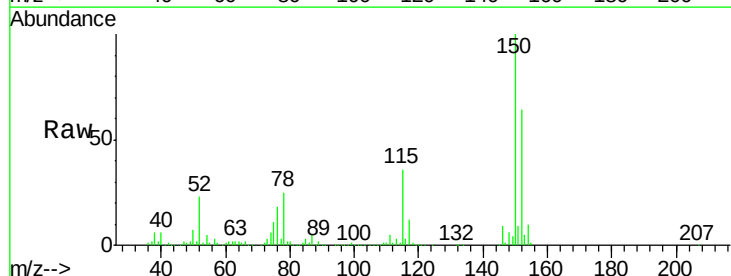
Tgt Ion:152 Resp: 167216

Ion Ratio Lower Upper

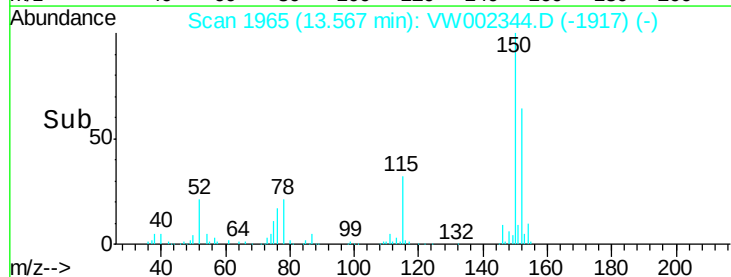
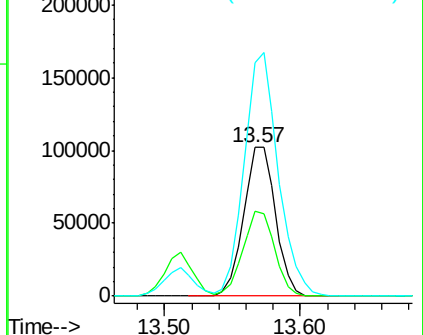
152 100

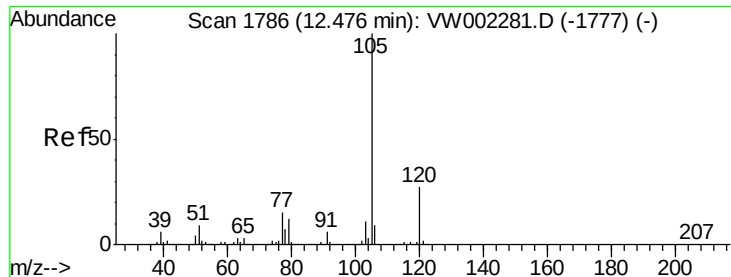
115 56.7 28.5 85.5

150 175.0 0.0 342.6



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: 51.68 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

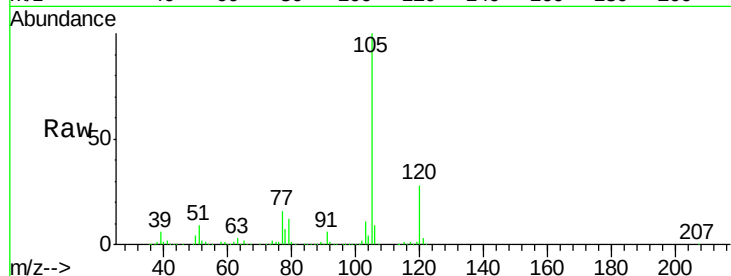
VSTDCCC050

Tgt Ion: 105 Resp: 561313

Ion Ratio Lower Upper

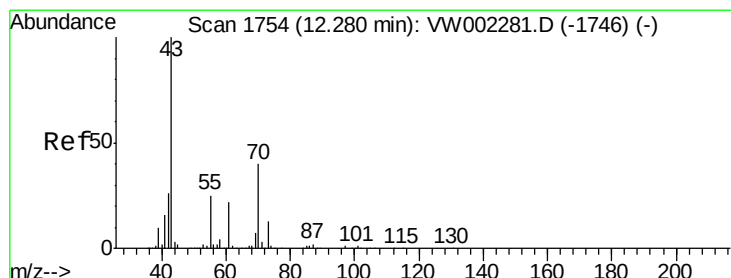
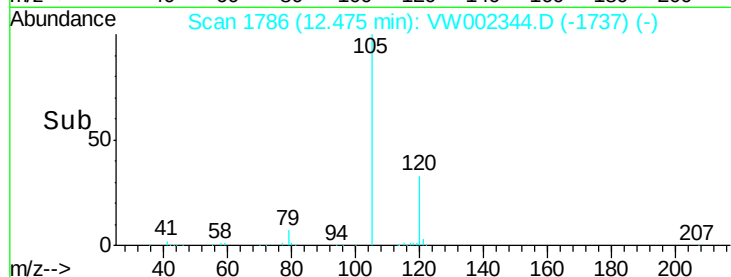
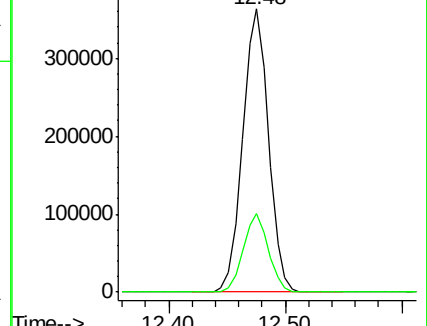
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.90 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Tgt Ion: 43 Resp: 149236

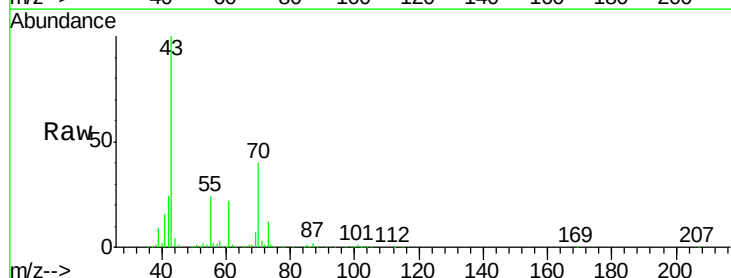
Ion Ratio Lower Upper

43 100

70 40.5 31.9 47.9

55 25.2 19.9 29.9

61 22.7 18.2 27.2

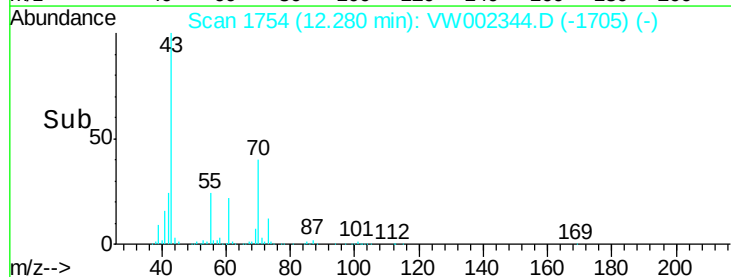
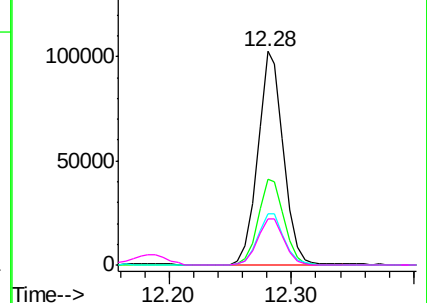


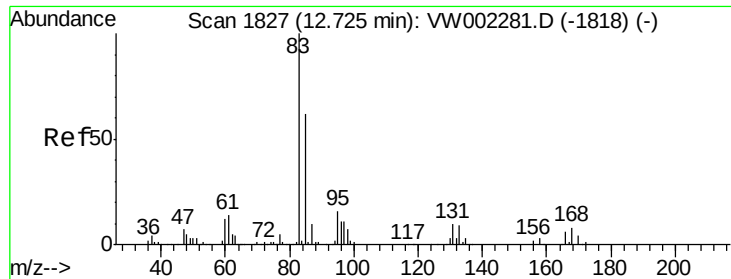
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.59 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

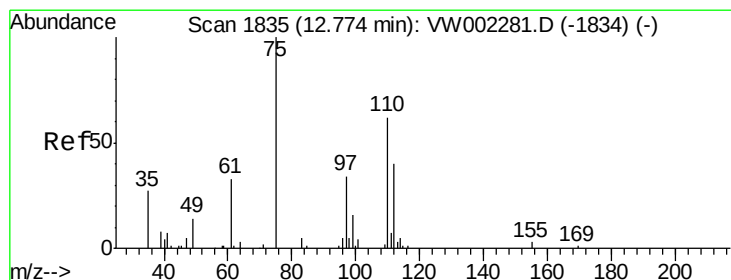
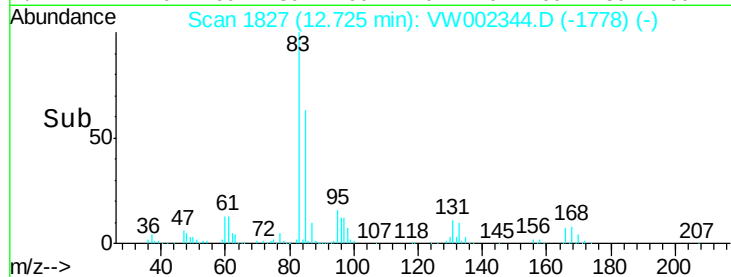
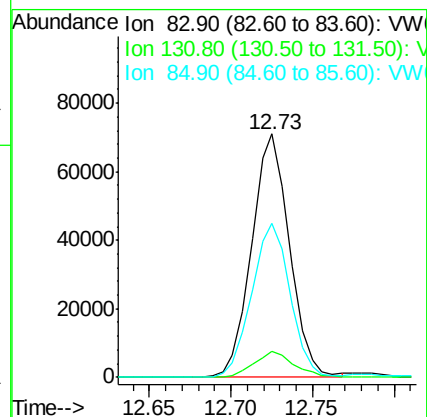
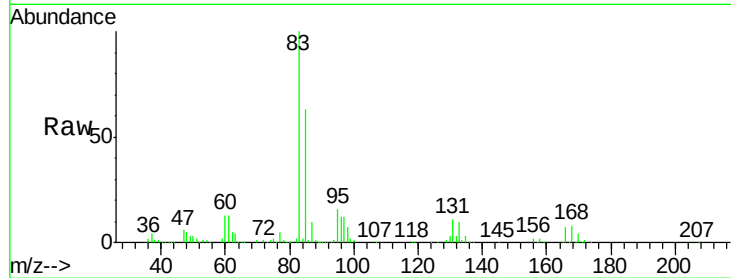
Tgt Ion: 83 Resp: 114602

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

85 64.0 31.5 94.5



#76

1,2,3-Trichloropropane

Concen: 99.17 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW002344.D

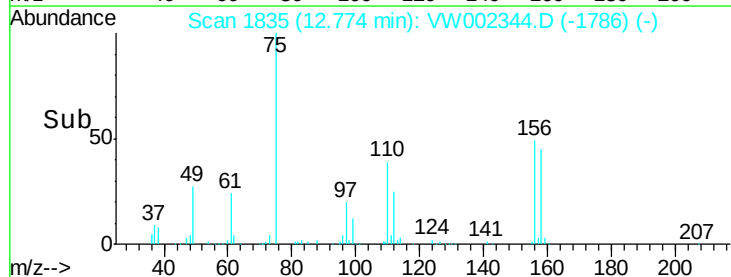
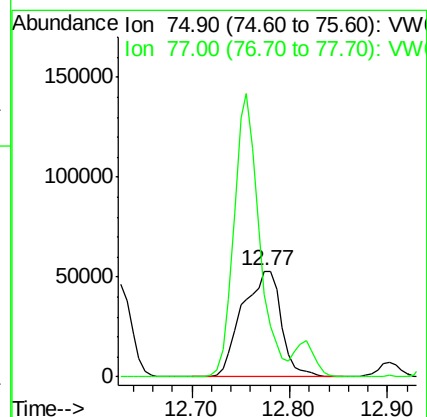
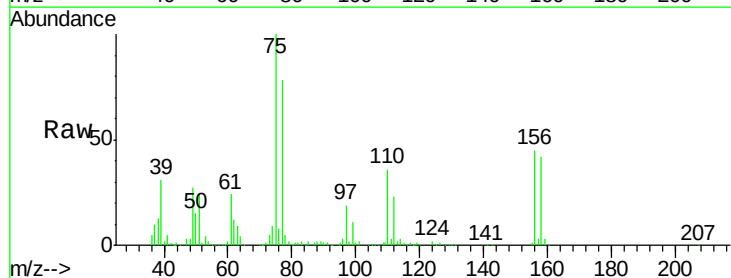
Acq: 09 May 2018 22:25

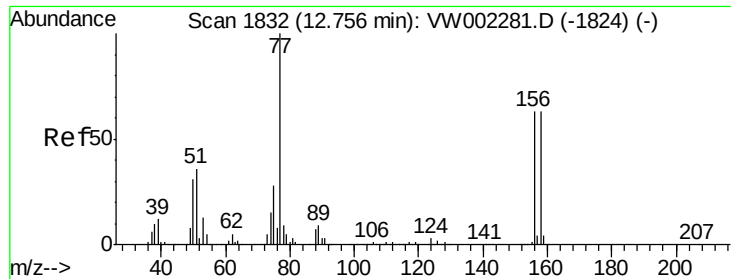
Tgt Ion: 75 Resp: 147048

Ion Ratio Lower Upper

75 100

77 173.5 187.5 562.6#

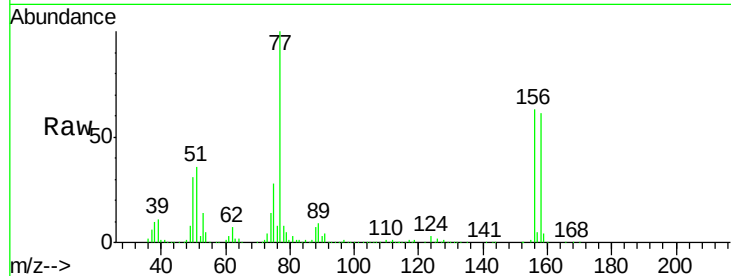




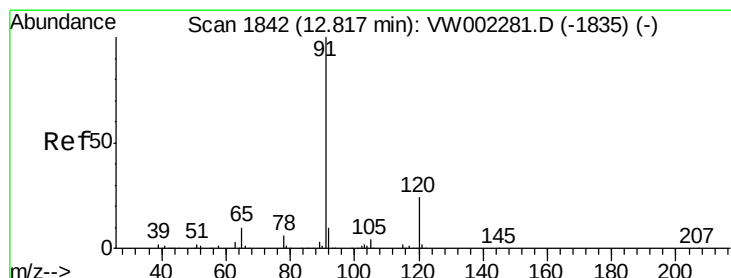
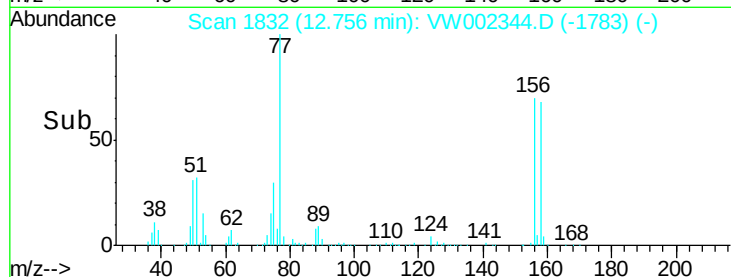
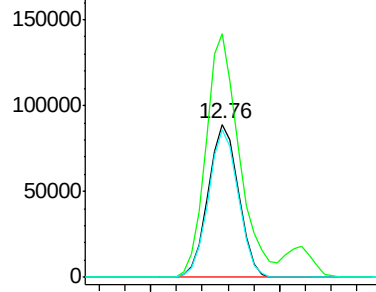
#77
Bromobenzene
Concen: 53.08 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 156 Resp: 145312
Ion Ratio Lower Upper
156 100
77 175.5 87.7 263.1
158 95.2 48.6 145.8

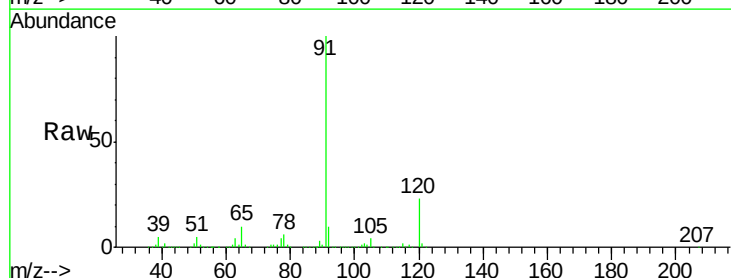


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

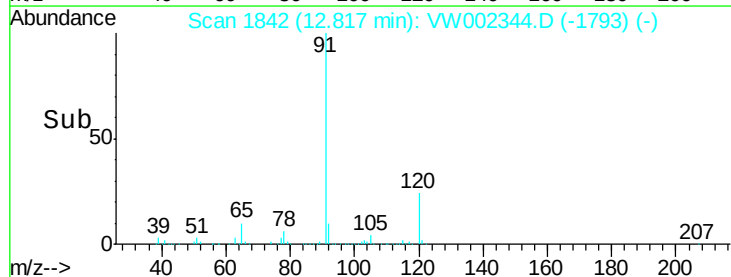
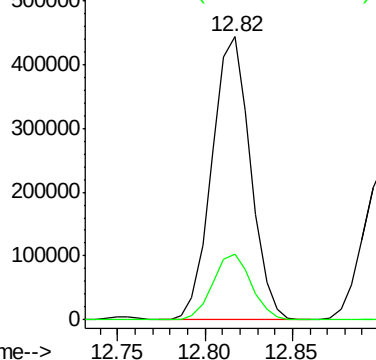


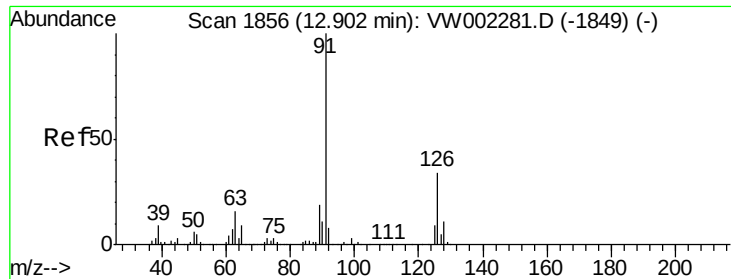
#78
n-propylbenzene
Concen: 52.53 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Tgt Ion: 91 Resp: 676306
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

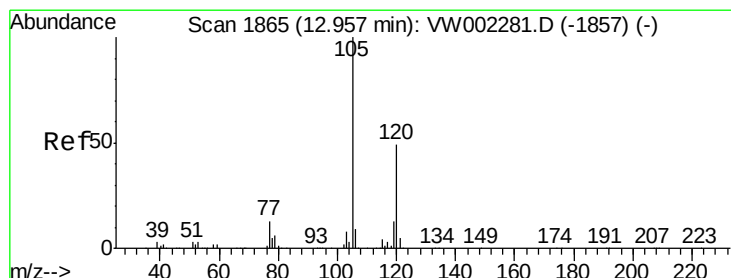
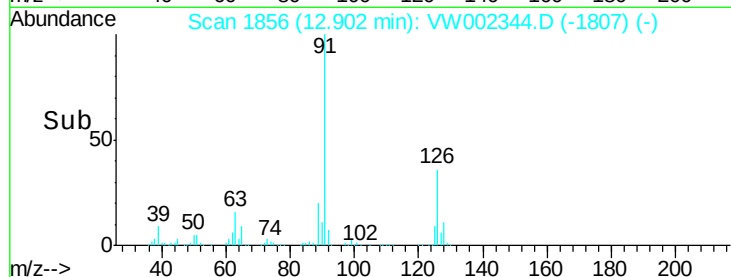
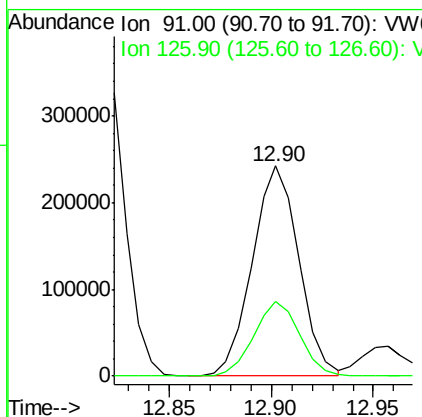
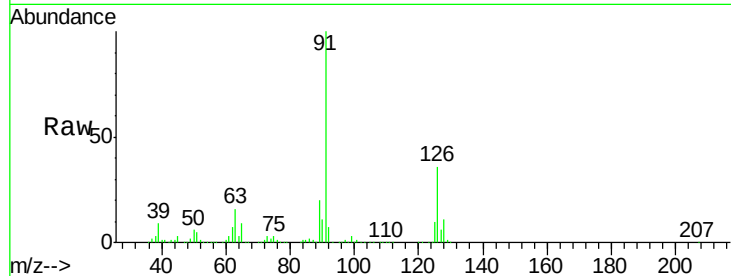




#79
 2-Chlorotoluene
 Concen: 51.81 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

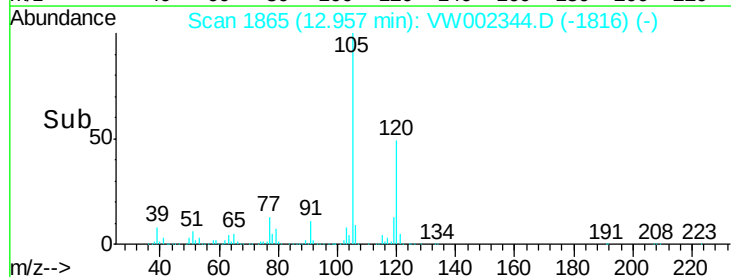
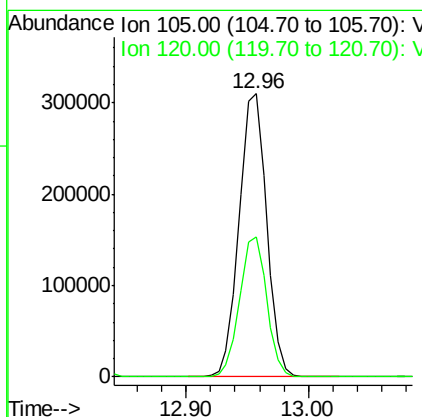
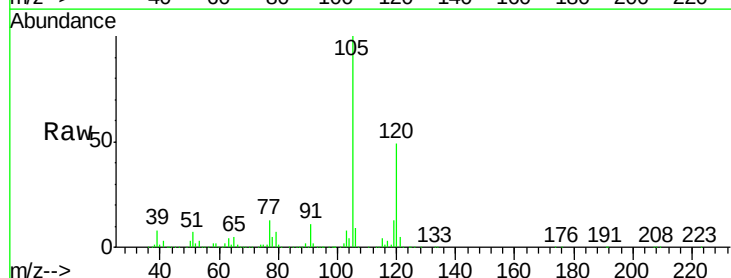
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

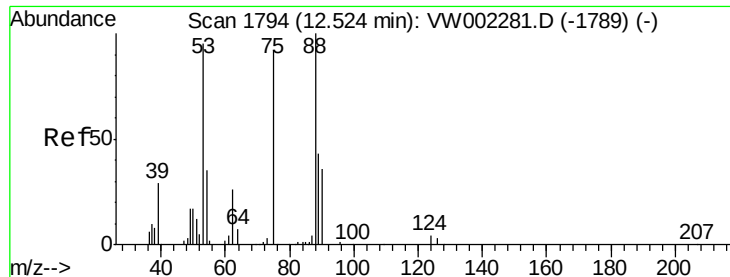
Tgt Ion: 91 Resp: 384126
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.81 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 105 Resp: 482513
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.12 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

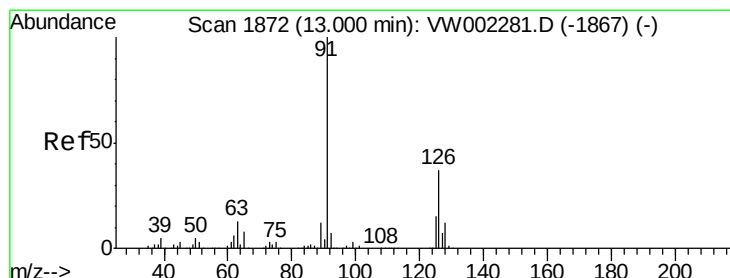
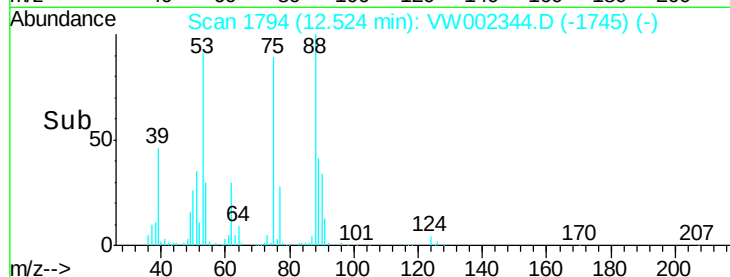
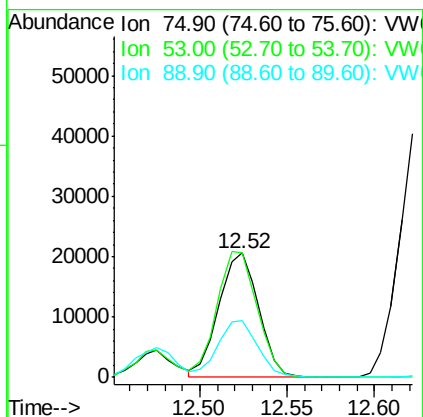
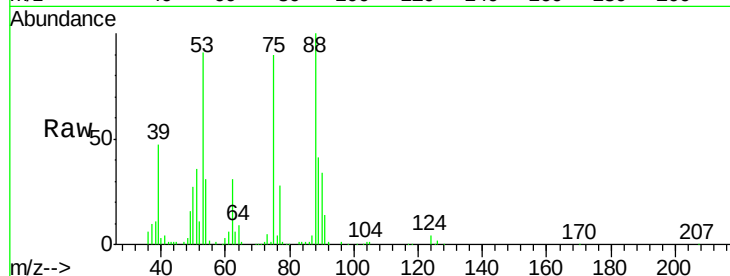
Tgt Ion: 75 Resp: 32154

Ion Ratio Lower Upper

75 100

53 104.8 79.9 119.9

89 46.7 37.6 56.4



#82

4-Chlorotoluene

Concen: 52.16 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002344.D

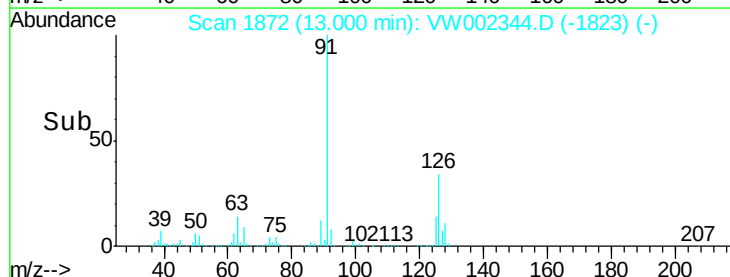
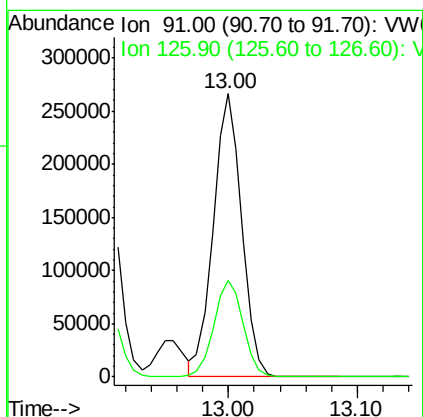
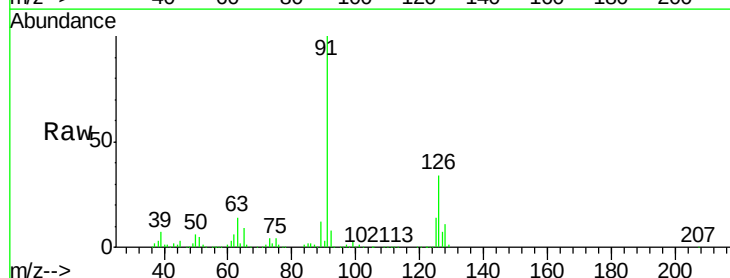
Acq: 09 May 2018 22:25

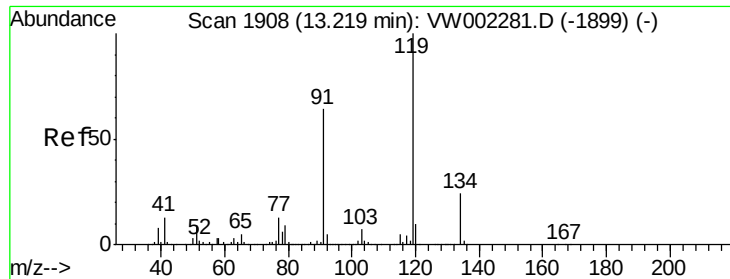
Tgt Ion: 91 Resp: 411266

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3

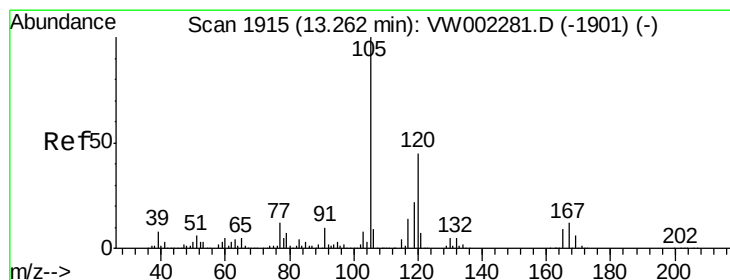
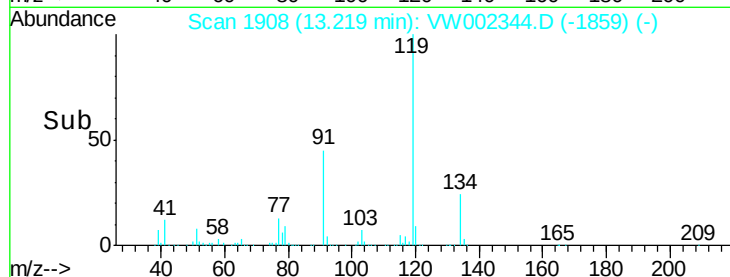
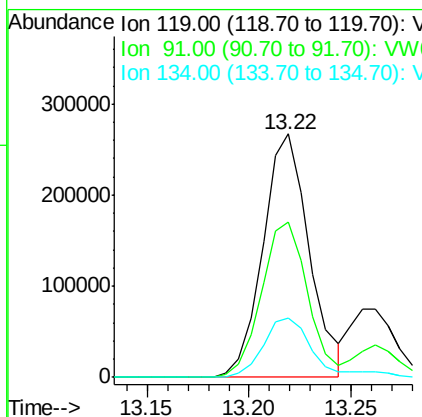
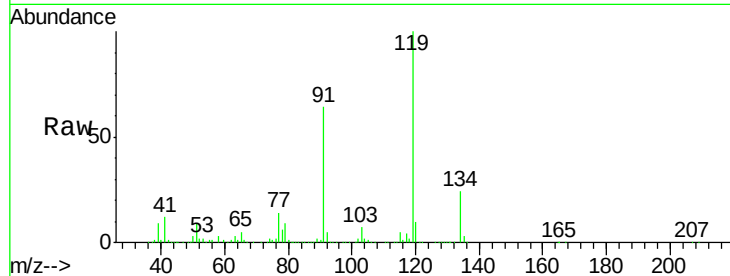




#83
 tert-Butylbenzene
 Concen: 53.75 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

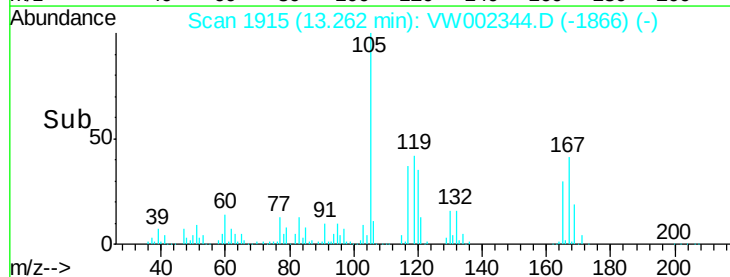
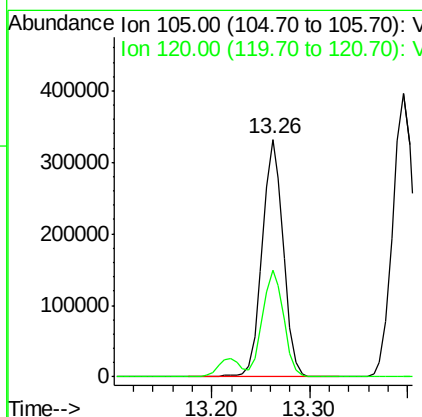
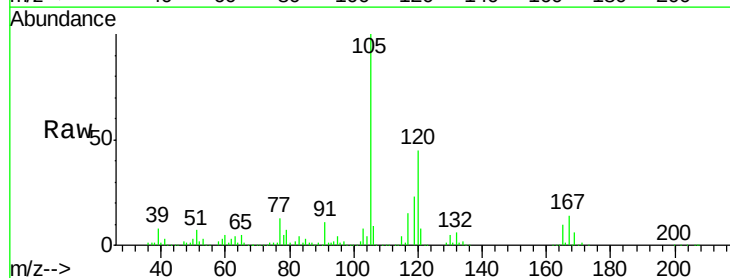
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

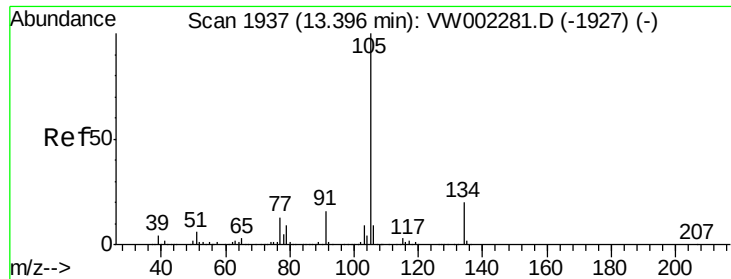
Tgt Ion:119 Resp: 422811
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.6 94.8
 134 26.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.87 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion:105 Resp: 500799
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.5 67.5

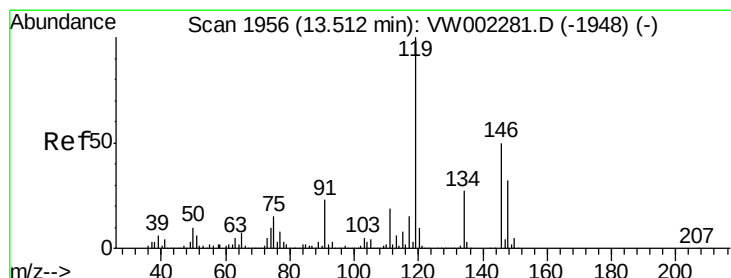
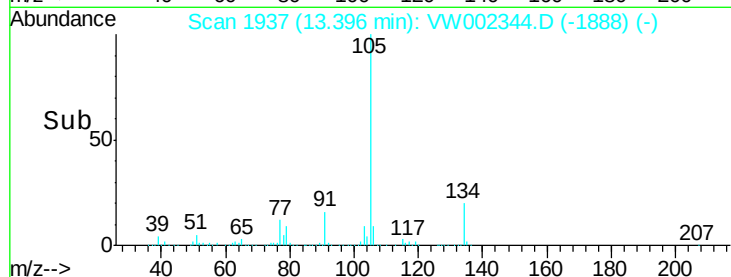
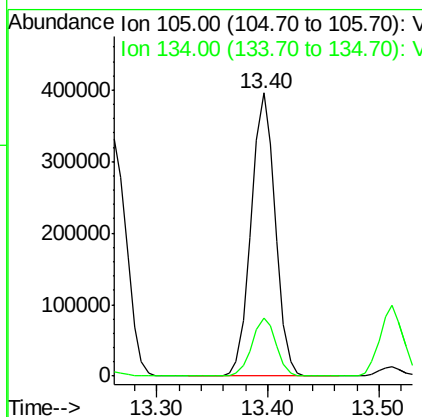
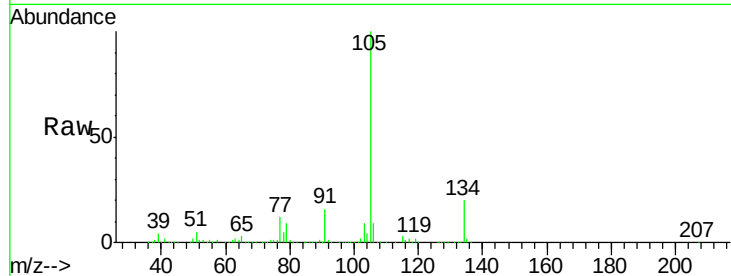




#85
 sec-Butylbenzene
 Concen: 53.22 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

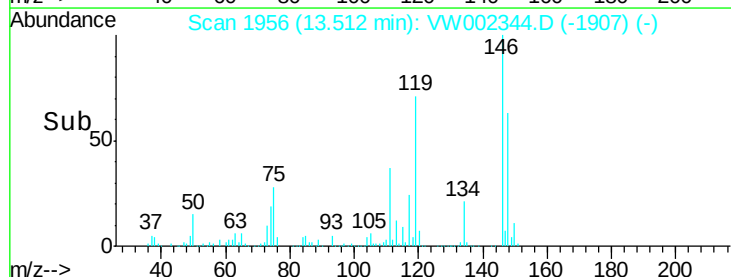
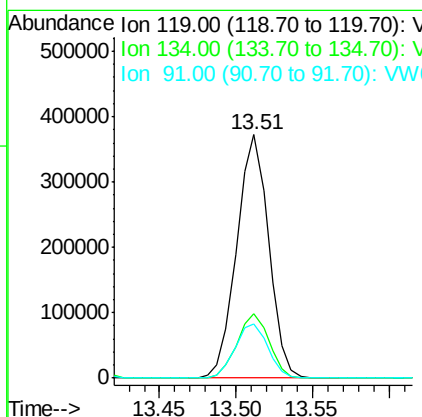
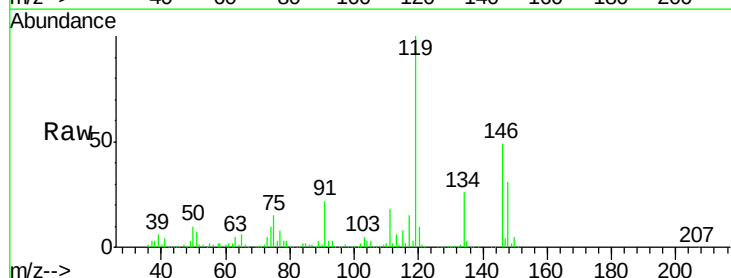
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

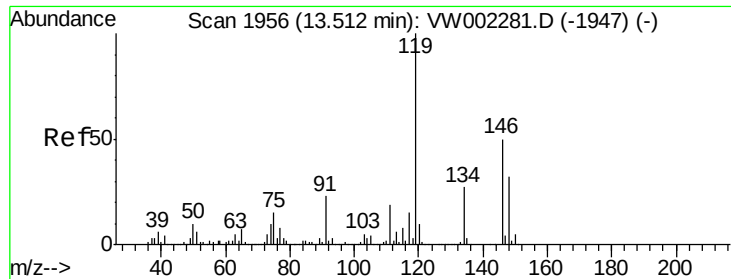
Tgt Ion:105 Resp: 597740
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 53.69 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion:119 Resp: 539164
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 23.1 11.8 35.3

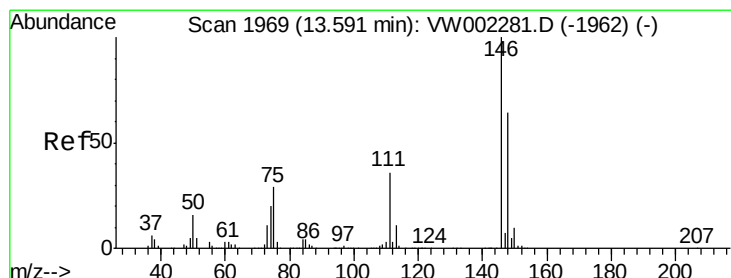
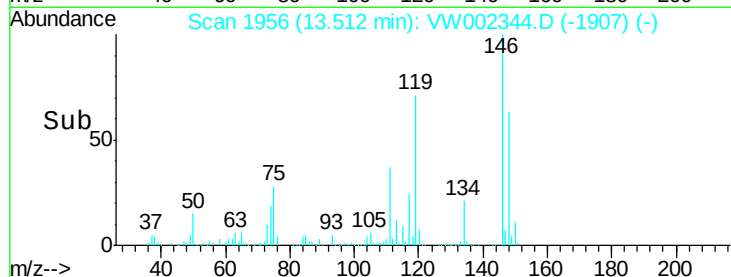
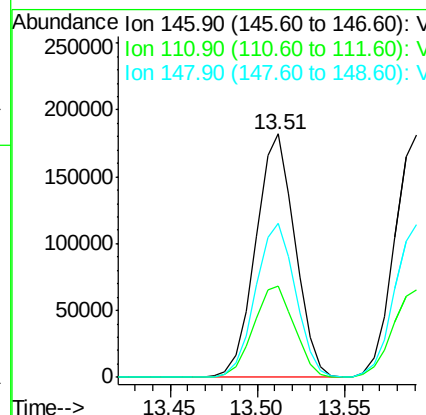
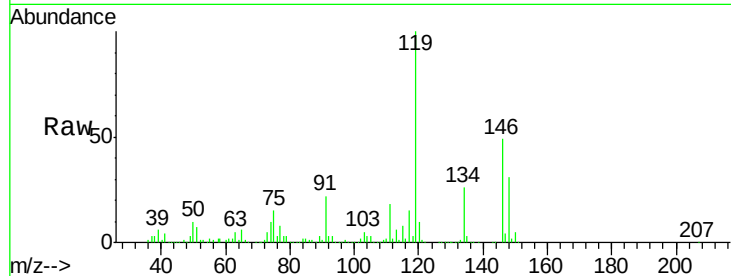




#87
 1,3-Dichlorobenzene
 Concen: 52.38 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

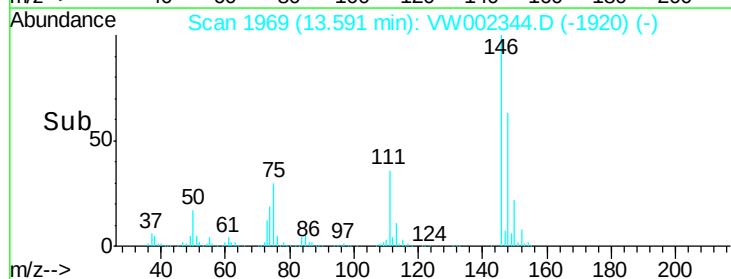
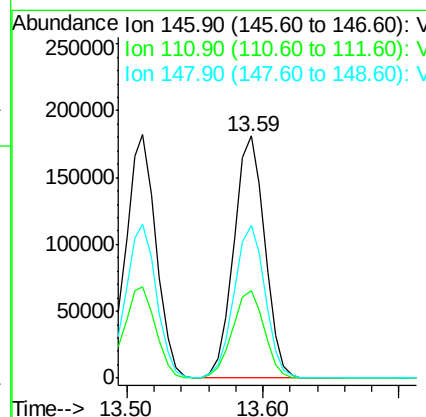
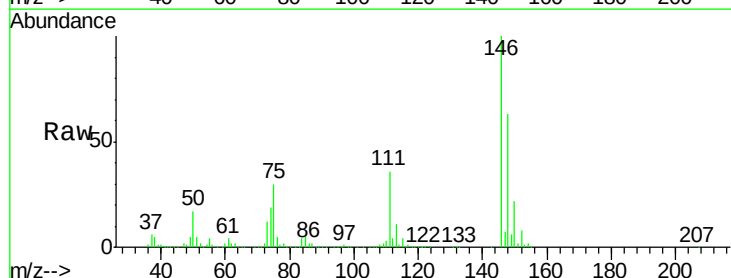
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

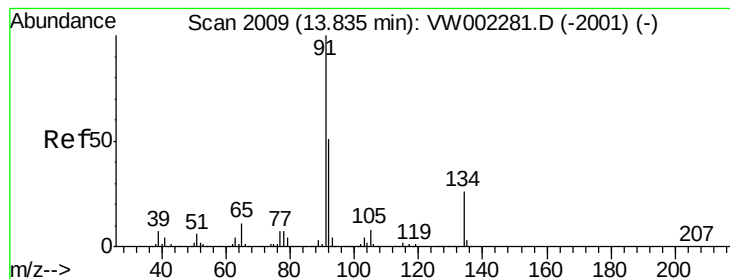
Tgt Ion:146 Resp: 283860
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.8
 148 64.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 52.94 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion:146 Resp: 286454
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.0 57.0
 148 63.4 32.3 96.9





#89

n-Butylbenzene

Concen: 53.55 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

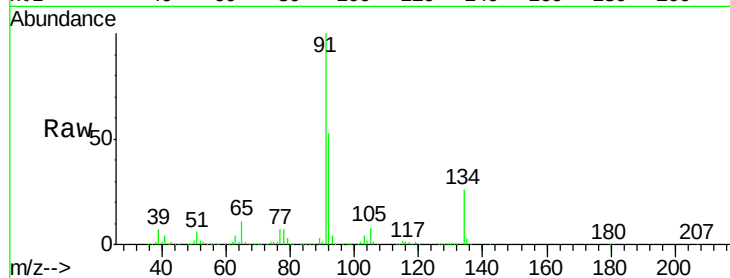
Tgt Ion: 91 Resp: 503223

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

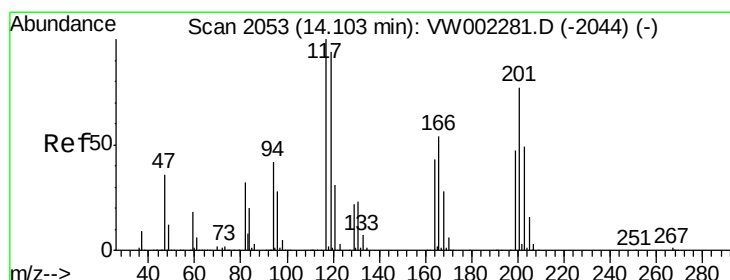
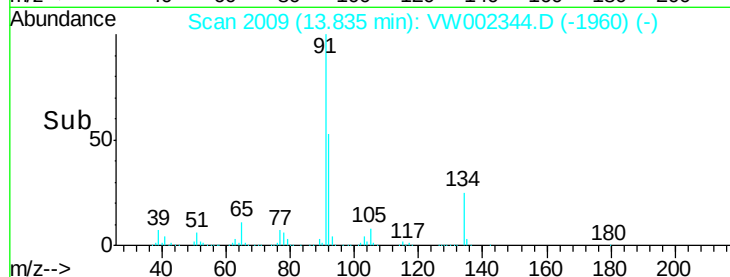
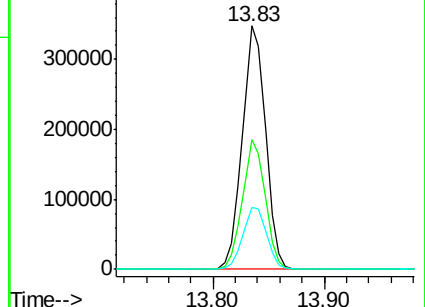
134 26.2 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.10 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW002344.D

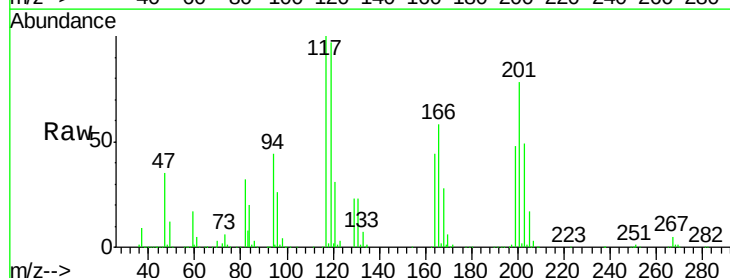
Acq: 09 May 2018 22:25

Tgt Ion: 117 Resp: 95344

Ion Ratio Lower Upper

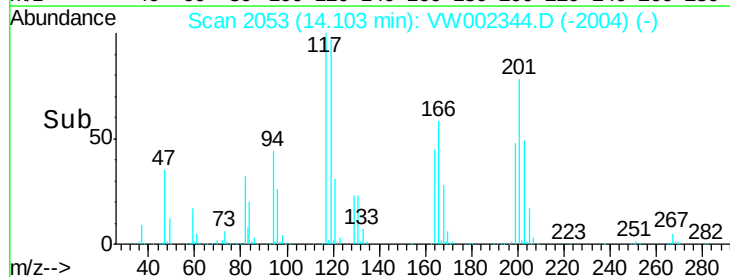
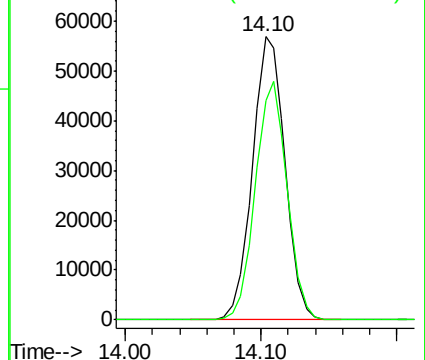
117 100

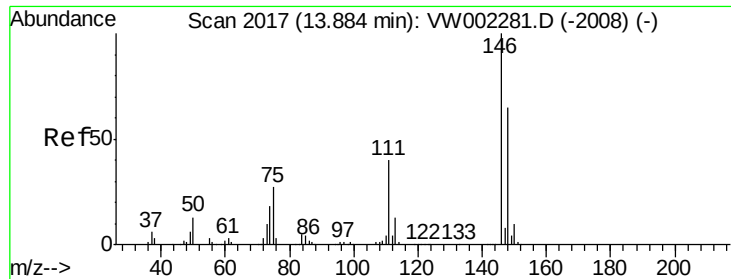
201 82.2 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

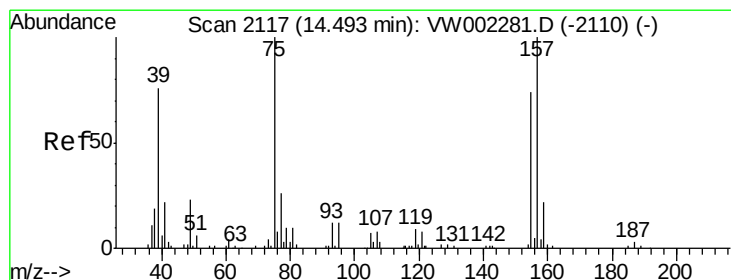
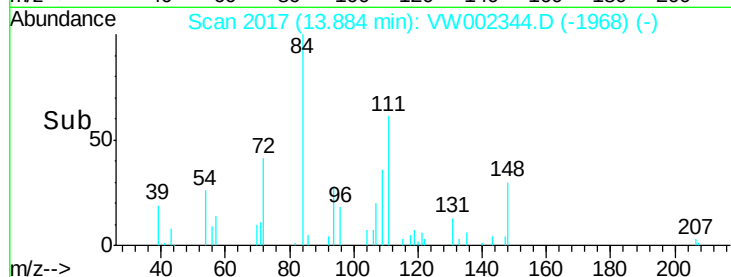
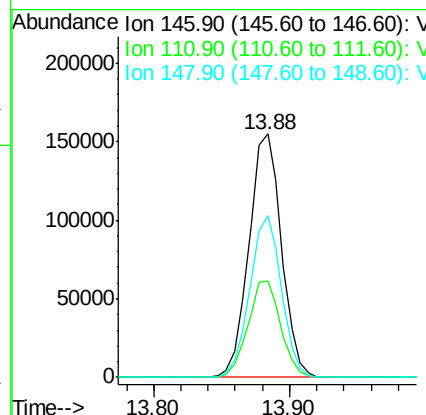
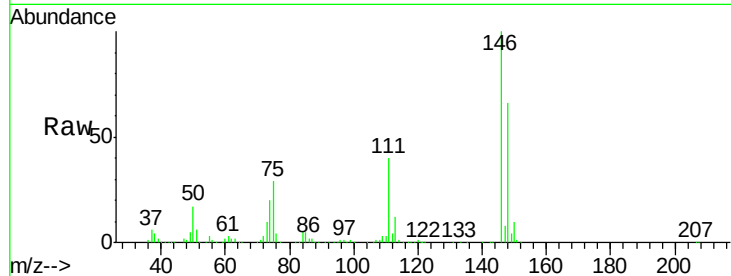




#91
 1,2-Dichlorobenzene
 Concen: 52.60 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

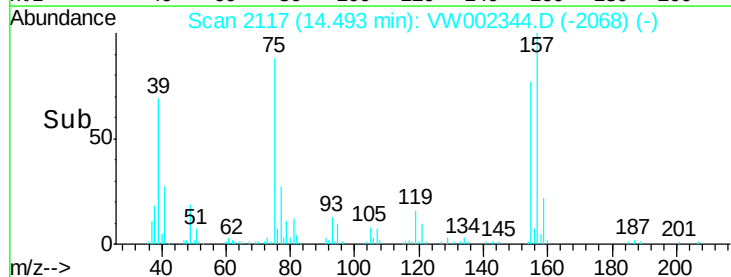
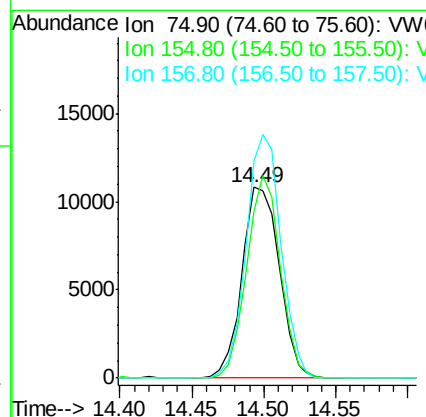
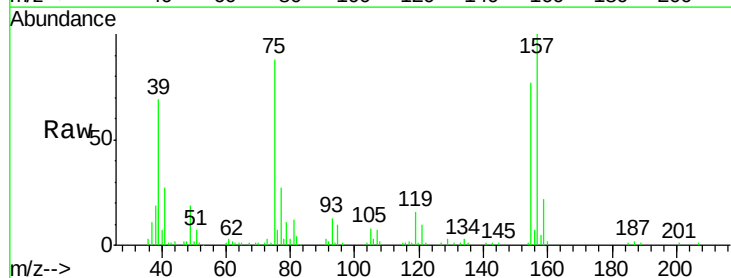
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

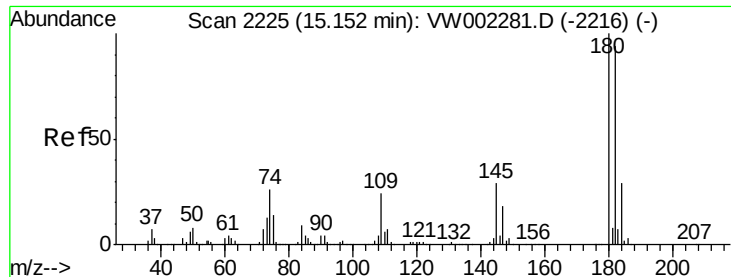
Tgt Ion: 146 Resp: 258639
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.9 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.66 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion: 75 Resp: 19476
 Ion Ratio Lower Upper
 75 100
 155 95.0 43.3 129.8
 157 118.5 55.8 167.4

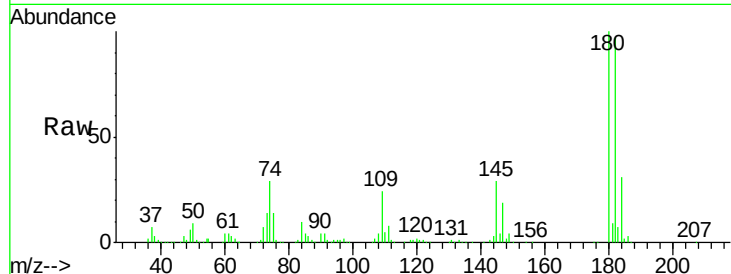




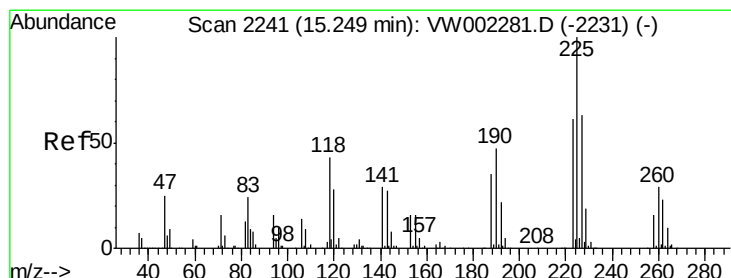
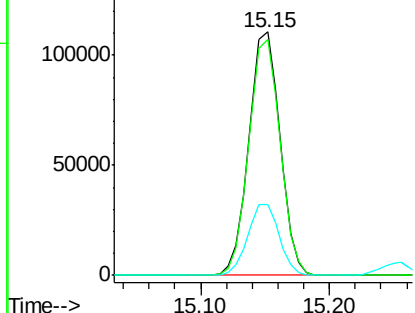
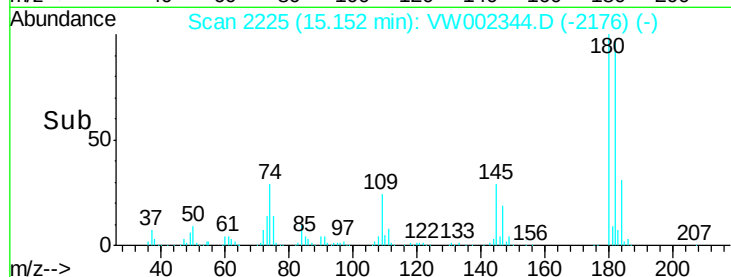
#93
 1,2,4-Trichlorobenzene
 Concen: 52.51 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 184561
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.3 141.8
 145 29.5 14.5 43.6

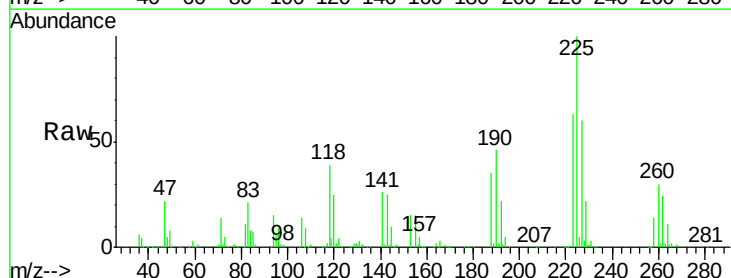


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

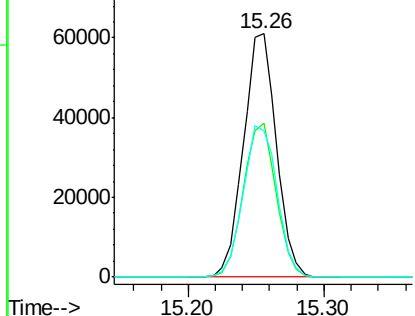
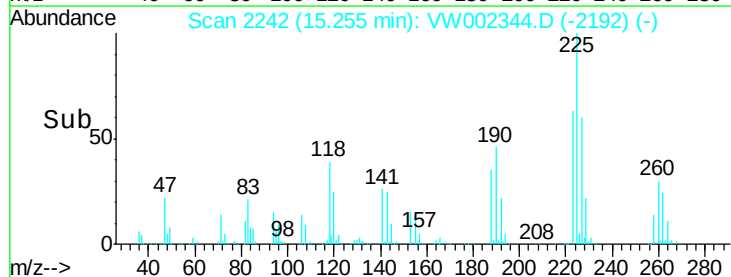


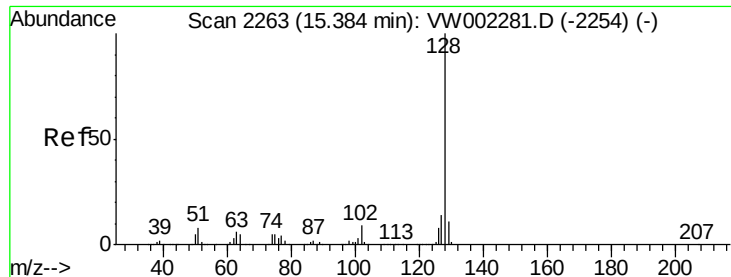
#94
 Hexachlorobutadiene
 Concen: 52.84 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion:225 Resp: 103472
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.7
 227 64.1 32.0 96.0



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





#95

Naphthalene

Concen: 56.35 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

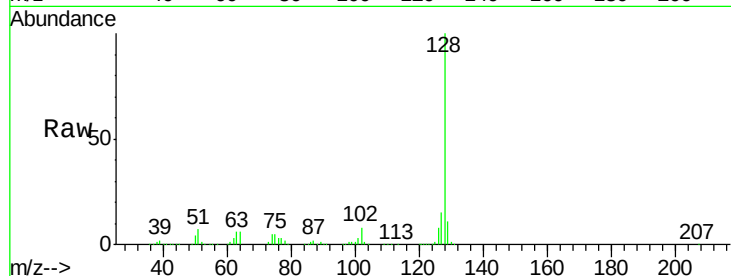
Tgt Ion:128 Resp: 364129

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

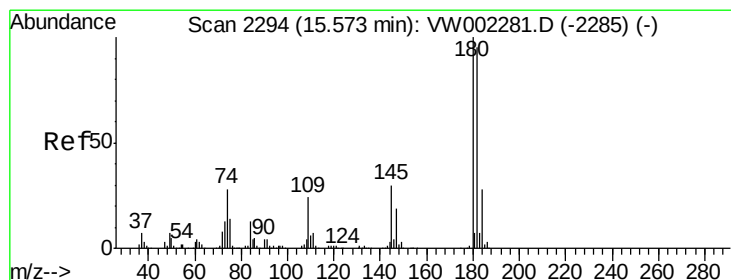
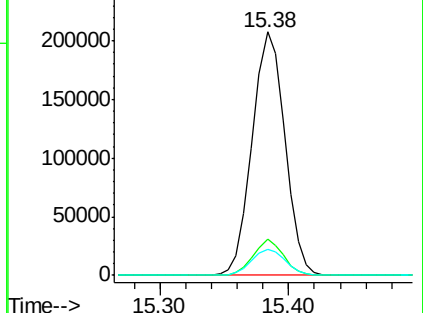
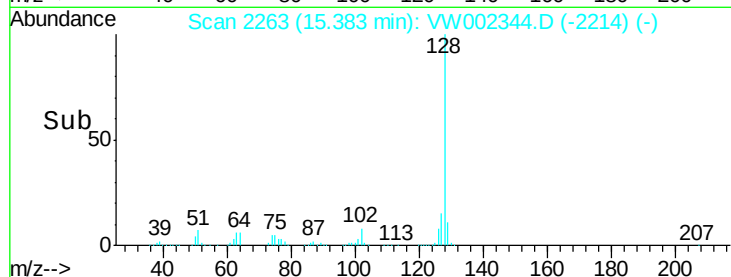
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.31 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002344.D

Acq: 09 May 2018 22:25

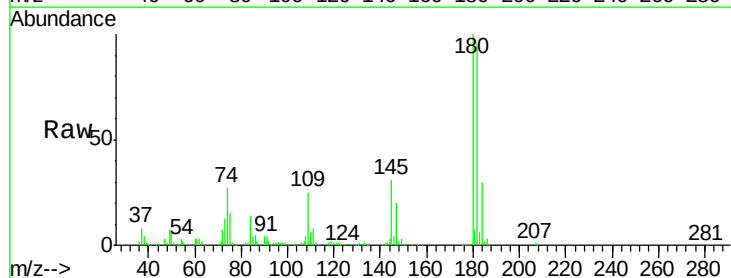
Tgt Ion:180 Resp: 171206

Ion Ratio Lower Upper

180 100

182 94.0 48.0 144.0

145 30.6 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

