

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 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 07:19:24 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

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 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 07:19:24 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)
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	69693m	47.00	ug/l	
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

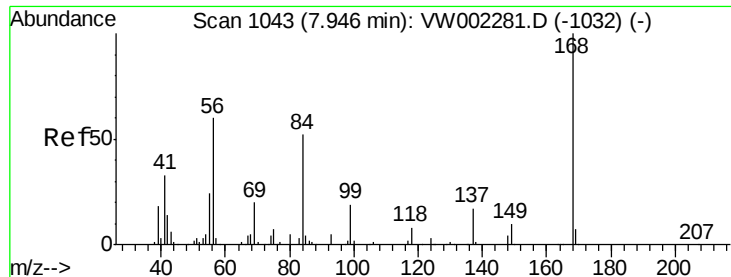
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
Data File : VW002344.D
Acq On : 09 May 2018 22:25
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: May 10 07:19:24 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)
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



#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 :

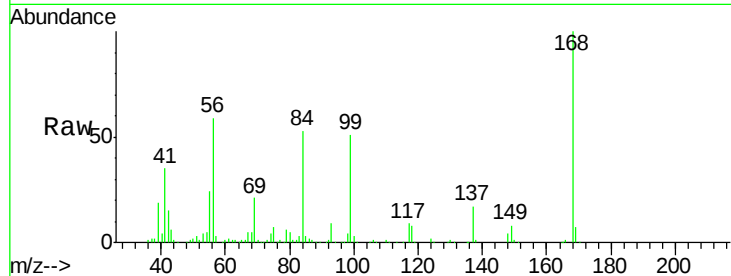
VSTDCCC050

Tot Ion:168 Resp: 214162

Ion Ratio Lower Upper

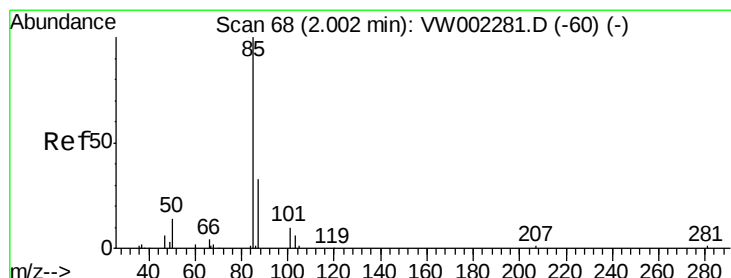
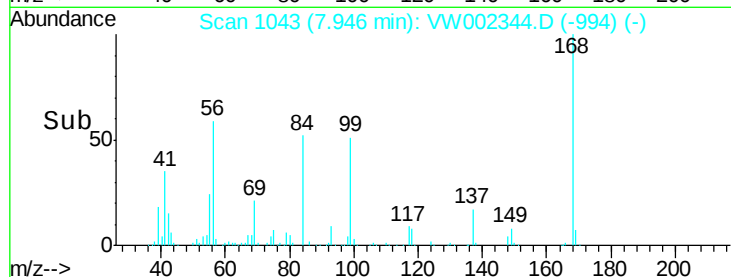
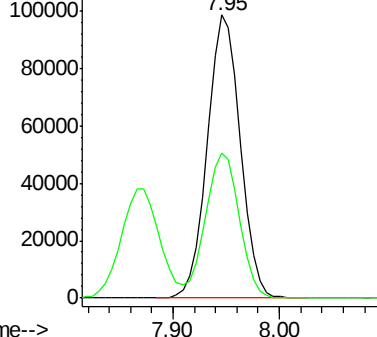
168 100

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

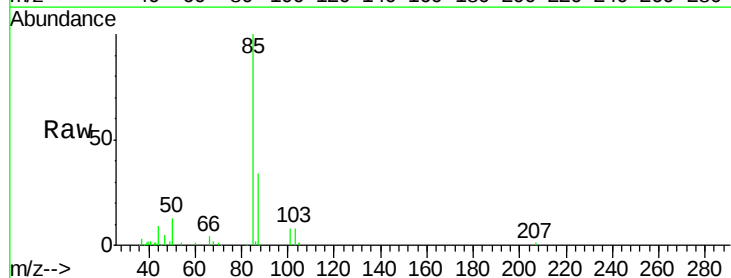
Acq: 09 May 2018 22:25

Tgt Ion: 85 Resp: 46638

Ion Ratio Lower Upper

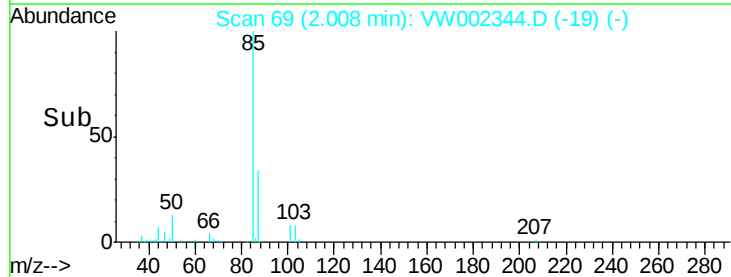
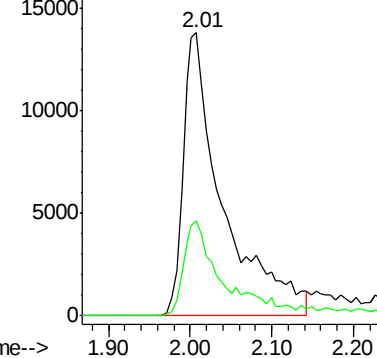
85 100

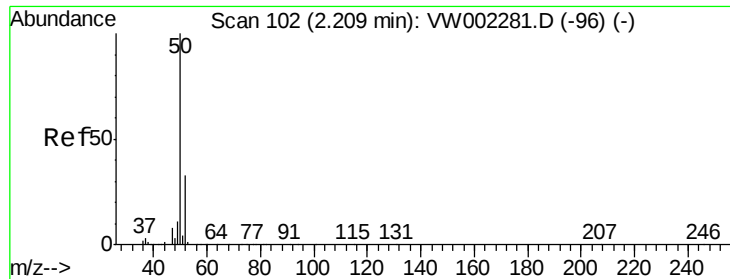
87 33.8 16.4 49.4



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 :

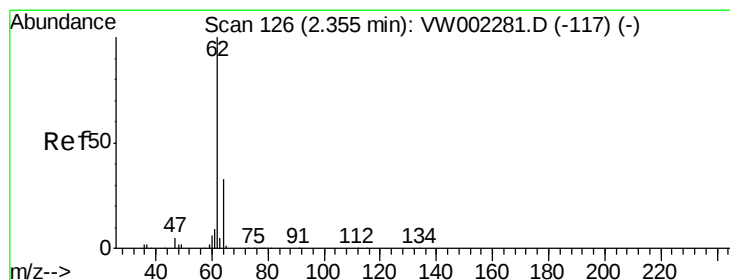
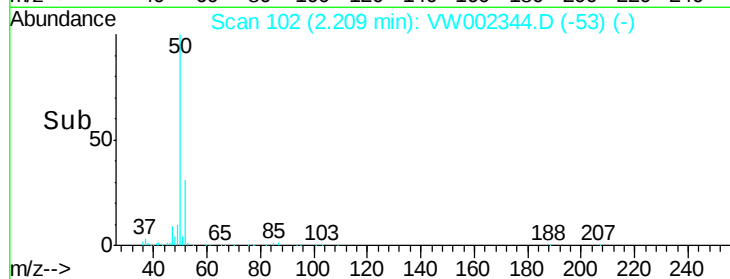
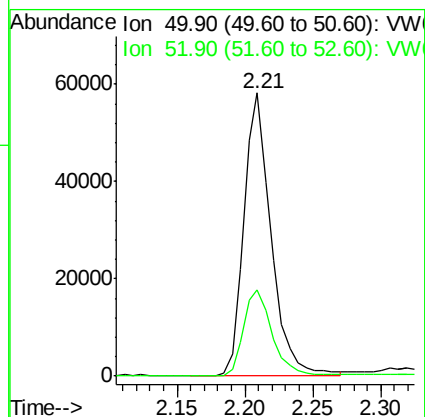
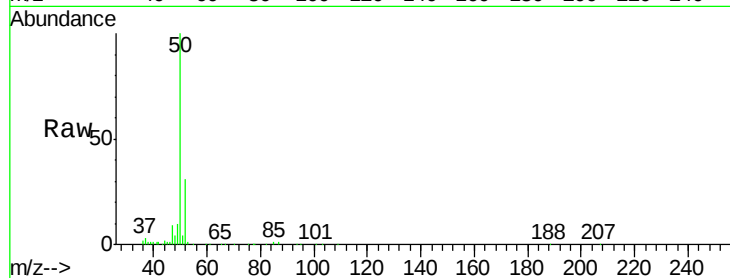
VSTDCCC050

Tot 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

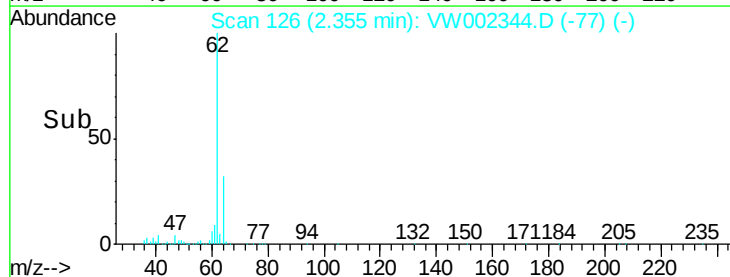
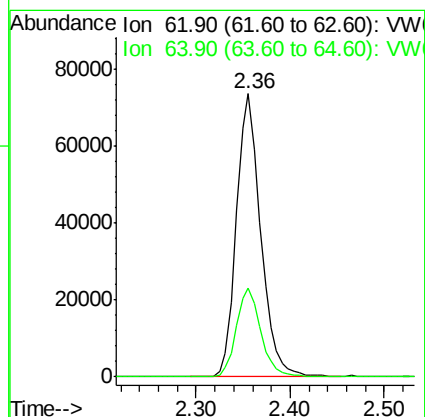
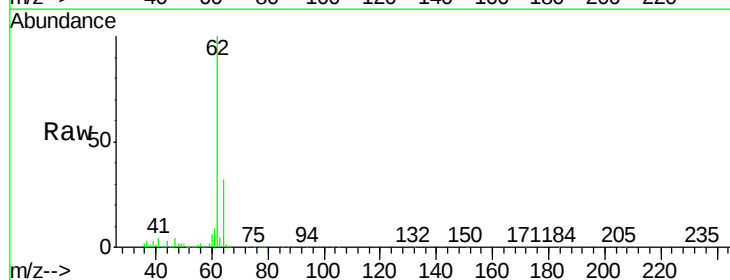
Acq: 09 May 2018 22:25

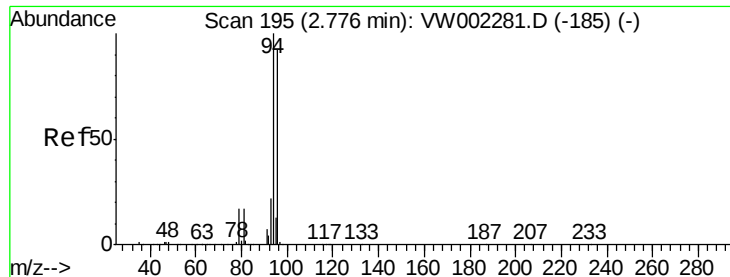
Tgt Ion: 62 Resp: 132388

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 :

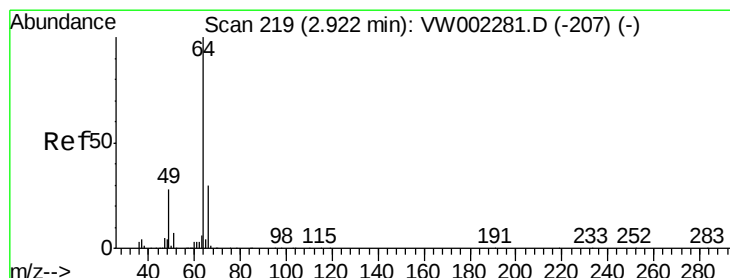
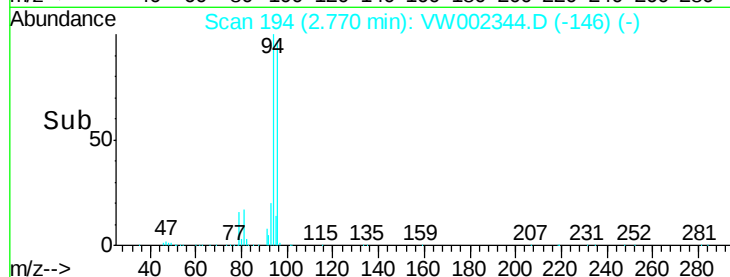
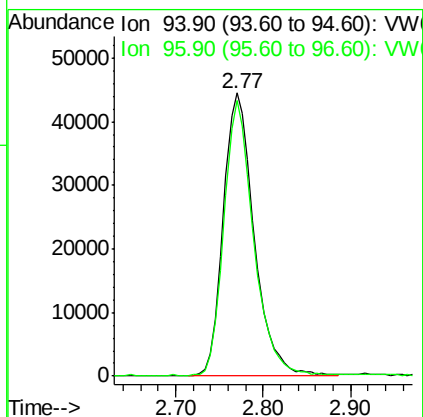
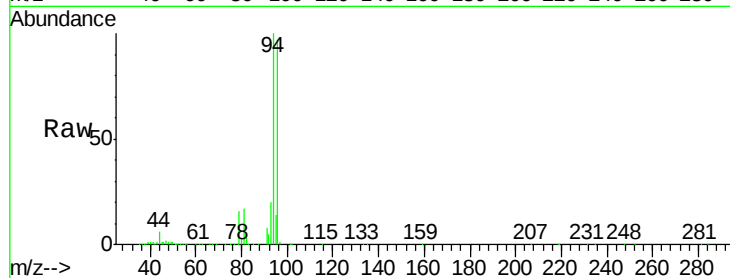
VSTDCCC050

Tot 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

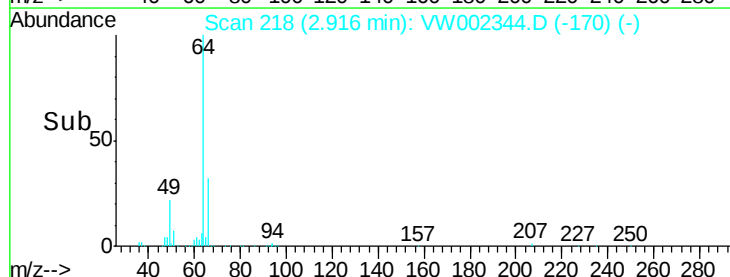
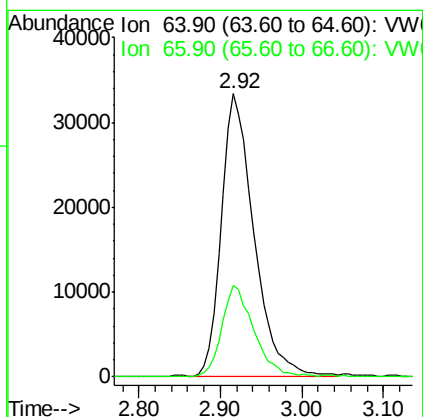
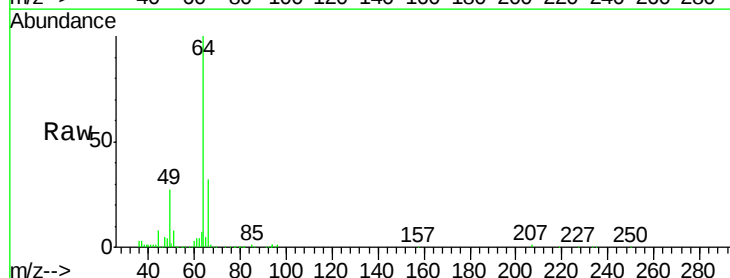
Acq: 09 May 2018 22:25

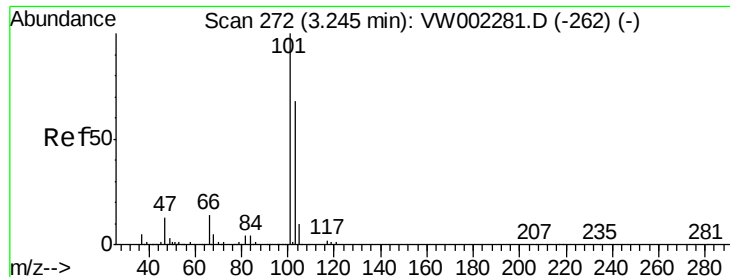
Tgt Ion: 64 Resp: 91718

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.6



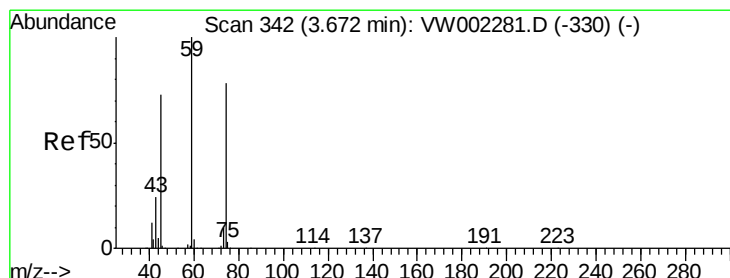
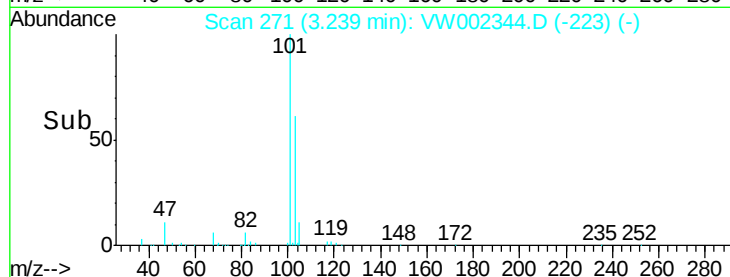
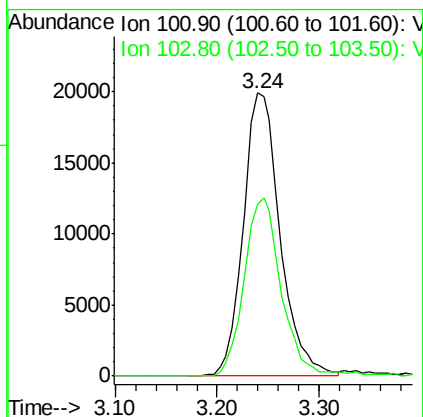
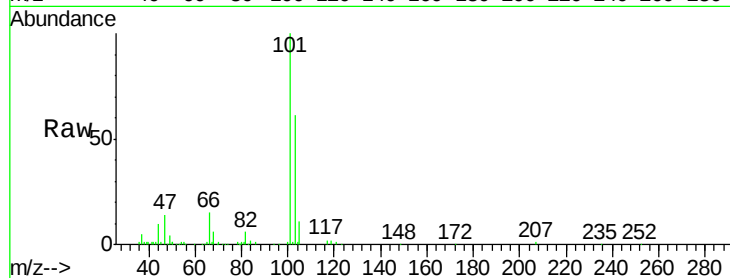


#7

Trichlorofluoromethane
 Concen: 45.15 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

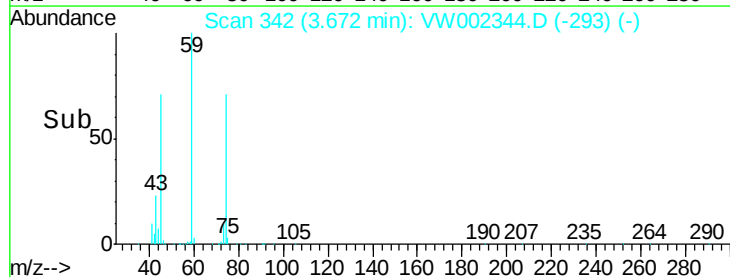
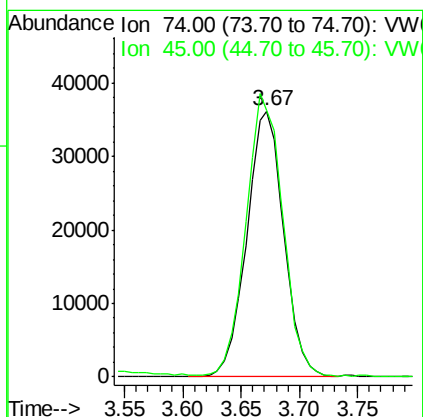
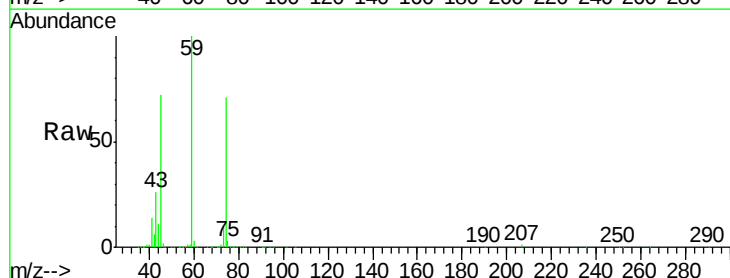
Tot Ion:101 Resp: 49988
 Ion Ratio Lower Upper
 101 100
 103 60.9 54.6 82.0

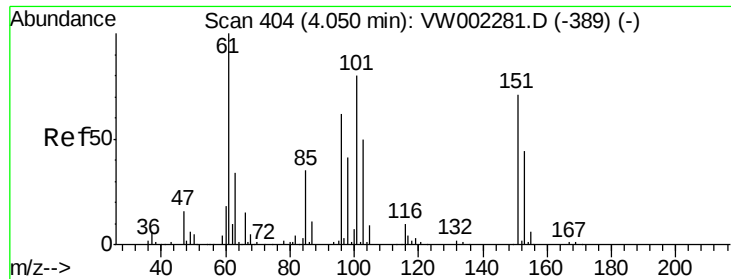


#8

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

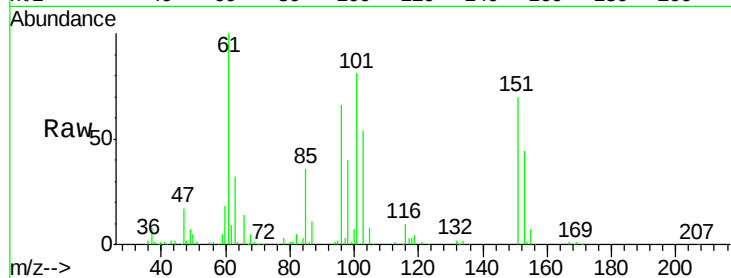
Tot Ion:101 Resp: 97482

Ion Ratio Lower Upper

101 100

85 46.0 35.9 53.9

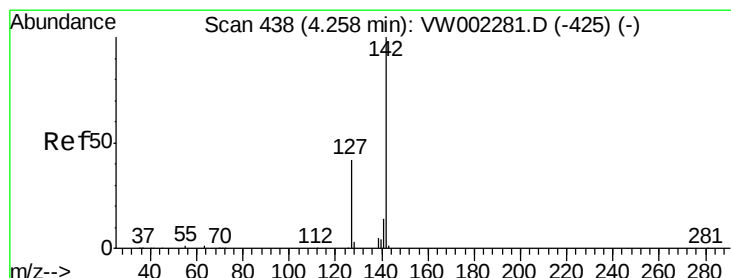
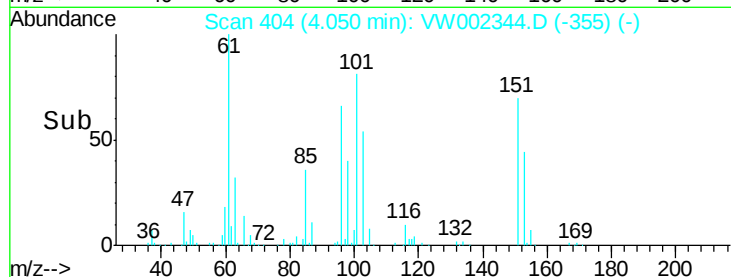
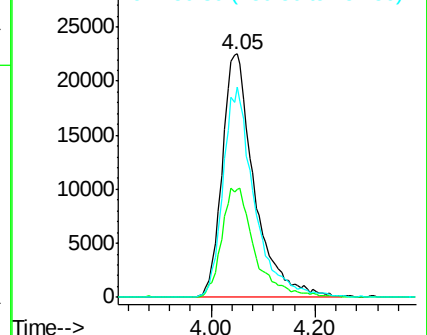
151 84.2 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#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

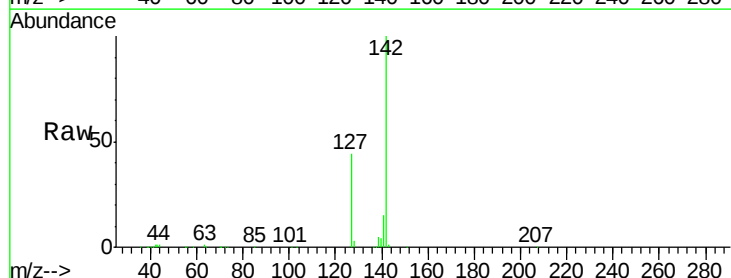
Tgt Ion:142 Resp: 159885

Ion Ratio Lower Upper

142 100

127 43.3 34.7 52.1

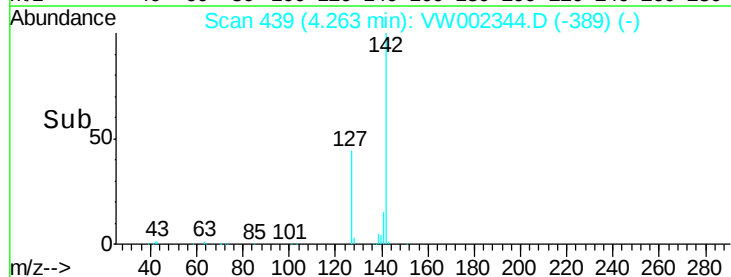
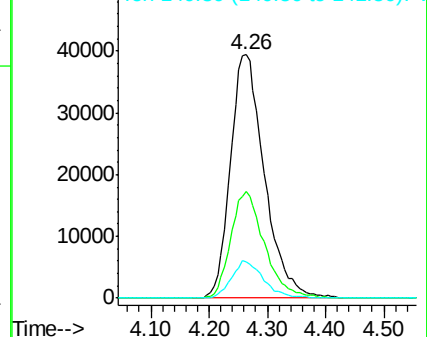
141 14.4 11.9 17.9

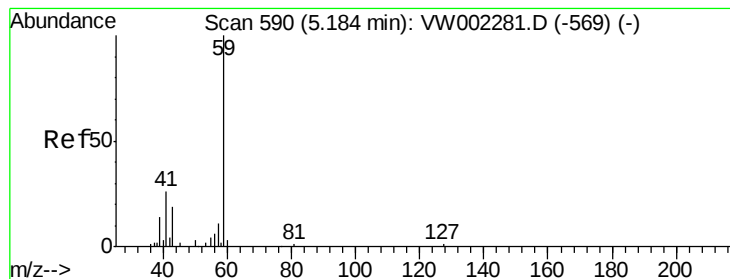


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



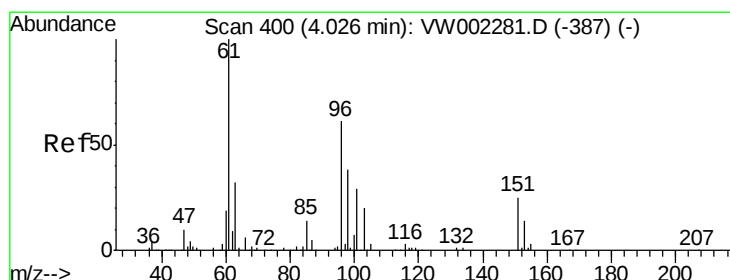
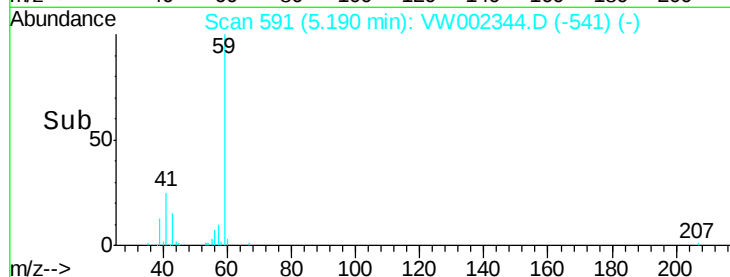
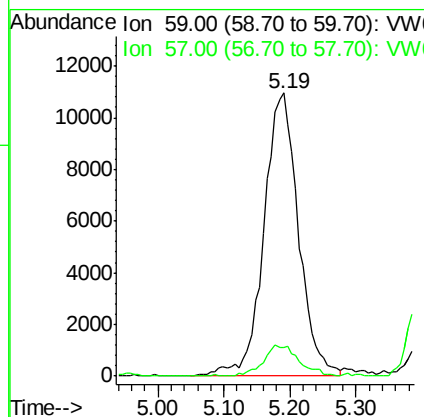
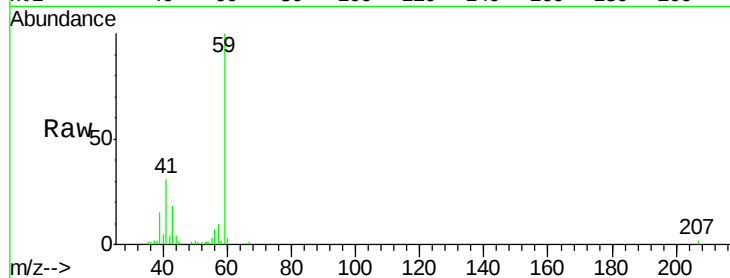


#11

Tert butyl alcohol
 Concen: 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

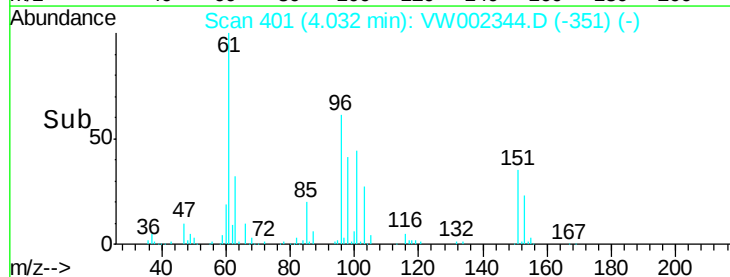
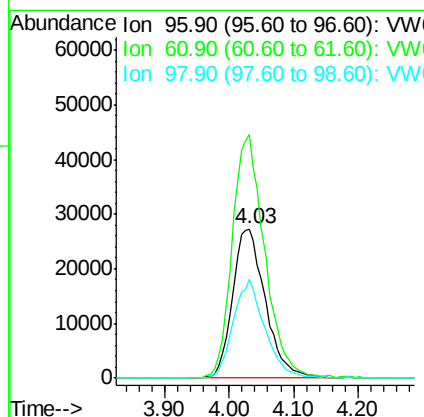
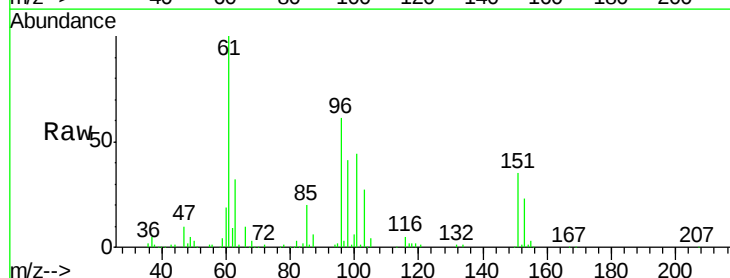
Tot Ion: 59 Resp: 39911
 Ion Ratio Lower Upper
 59 100
 57 11.2 3.9 5.9#

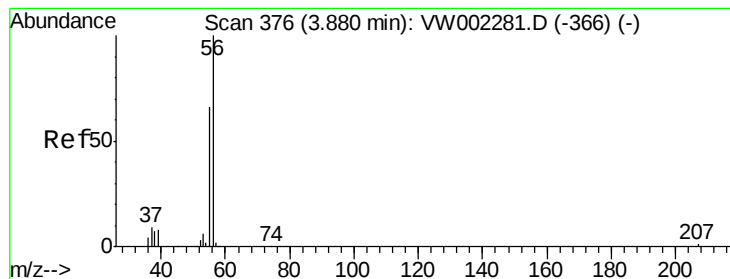


#12

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 :

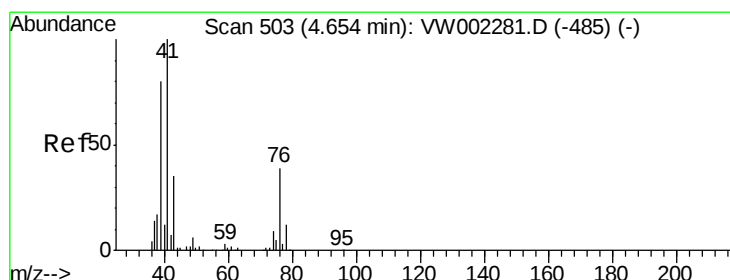
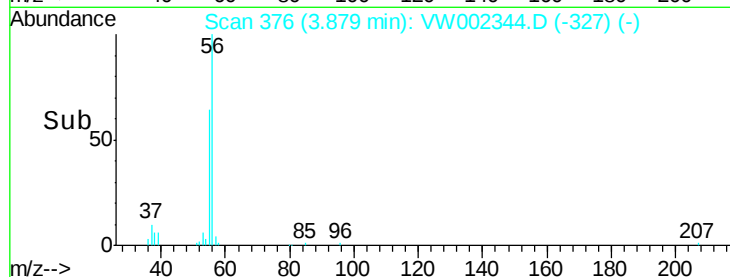
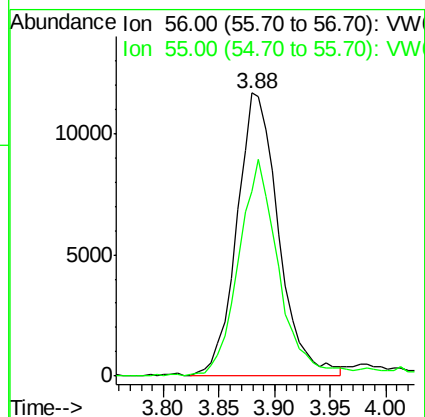
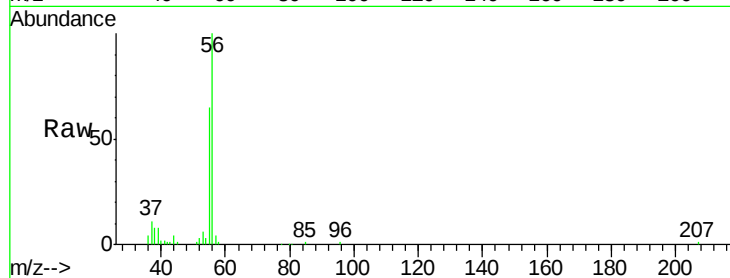
VSTDCCC050

Tot 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

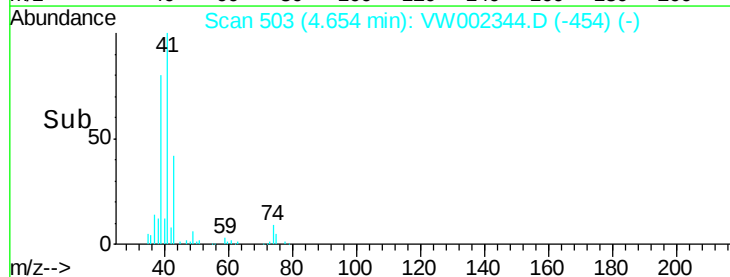
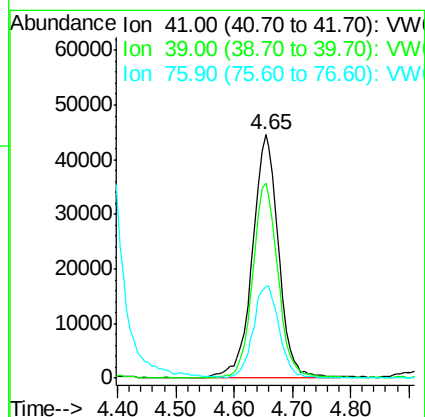
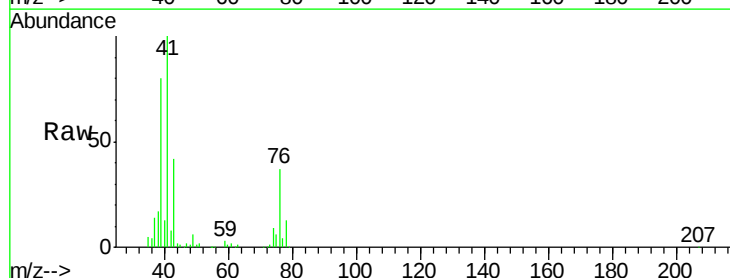
Tgt Ion: 41 Resp: 137731

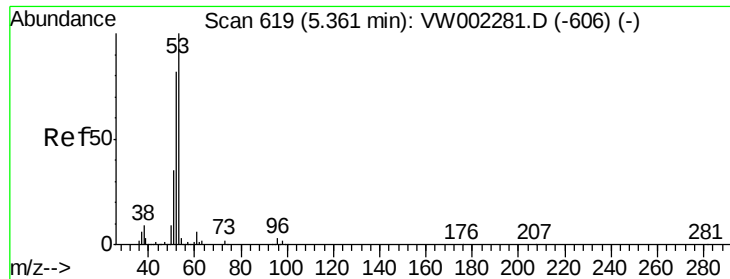
Ion Ratio Lower Upper

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

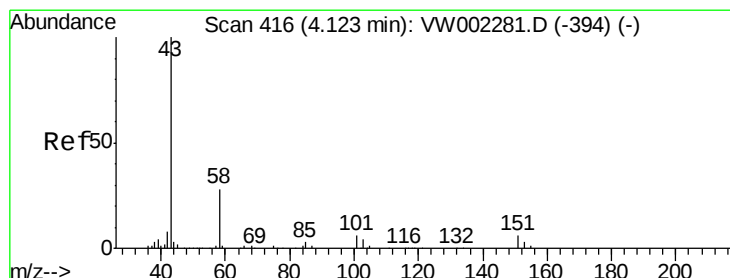
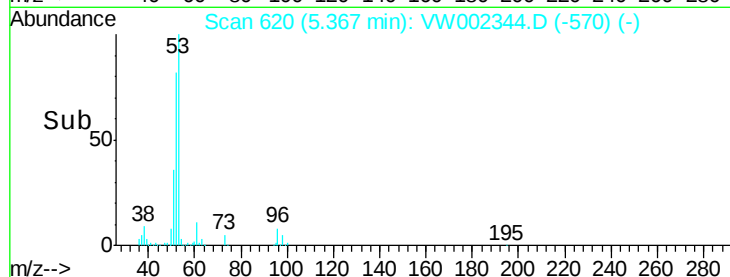
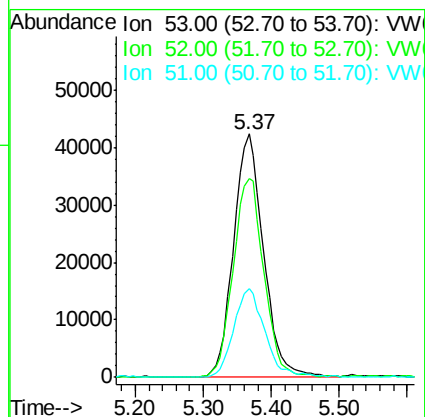
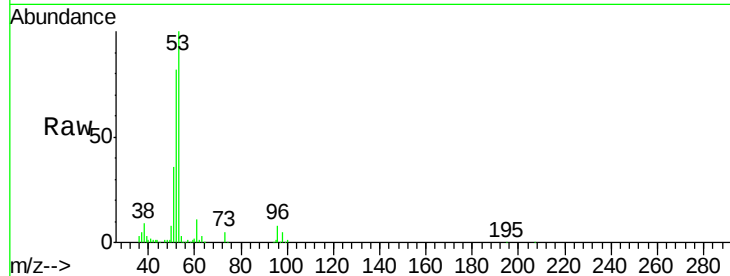
Tot Ion: 53 Resp: 130048

Ion Ratio Lower Upper

53 100

52 83.6 67.9 101.9

51 37.9 30.0 45.0



#16

Acetone

Concen: 255.29 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002344.D

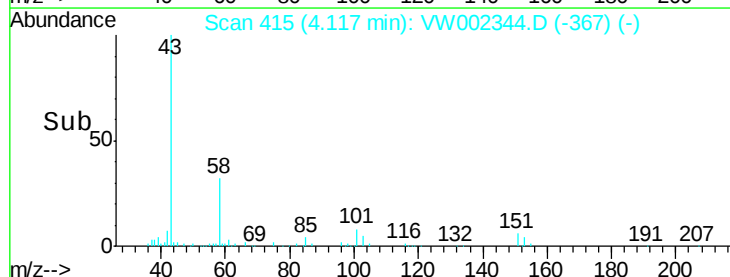
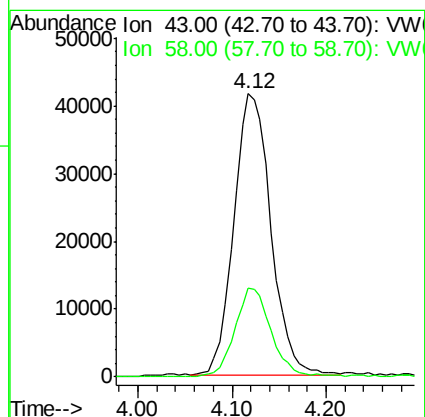
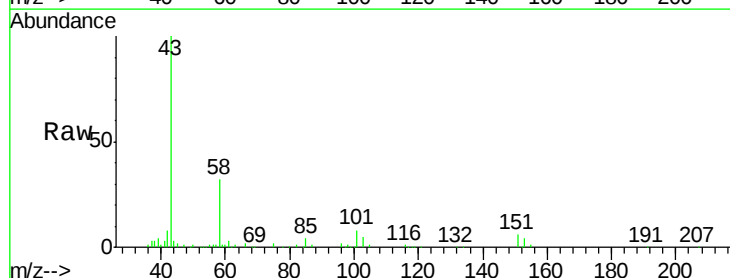
Acq: 09 May 2018 22:25

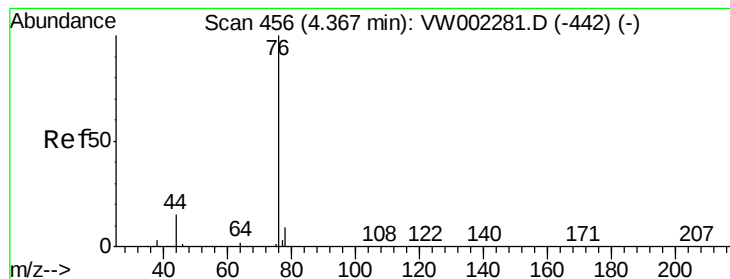
Tgt Ion: 43 Resp: 113391

Ion Ratio Lower Upper

43 100

58 31.5 22.2 33.4





#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 :

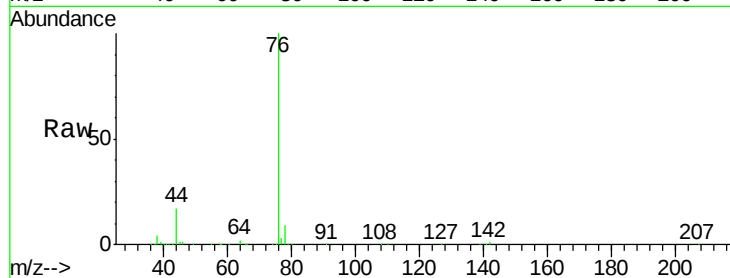
VSTDCCC050

Tot Ion: 76 Resp: 274154

Ion Ratio Lower Upper

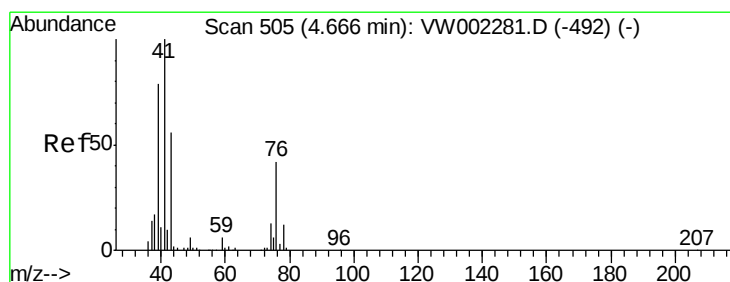
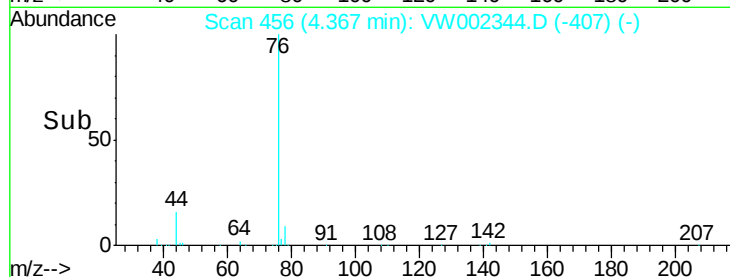
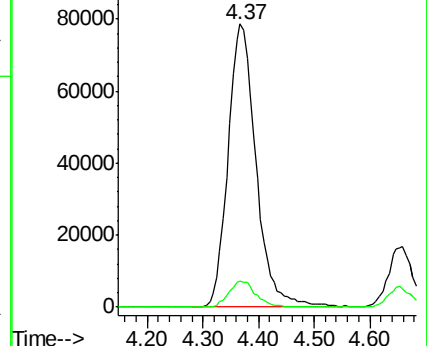
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 54.29 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002344.D

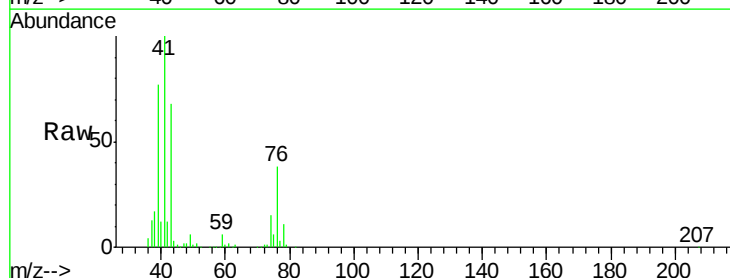
Acq: 09 May 2018 22:25

Tgt Ion: 43 Resp: 72345

Ion Ratio Lower Upper

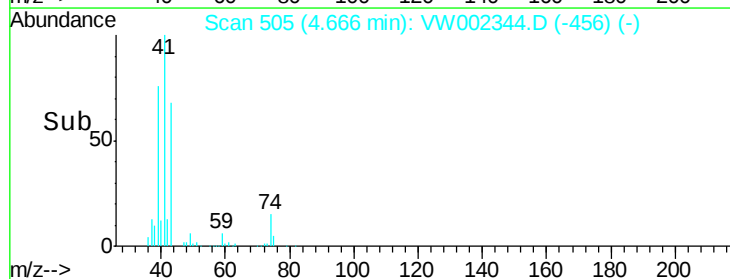
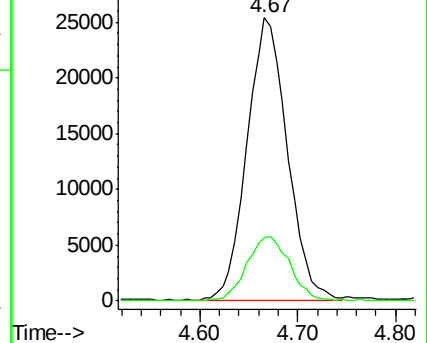
43 100

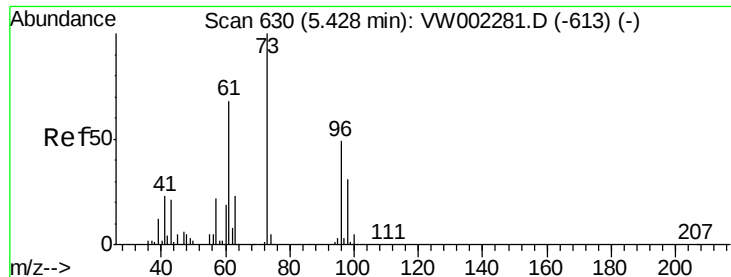
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

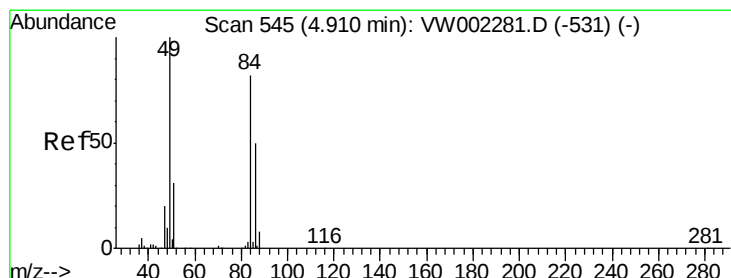
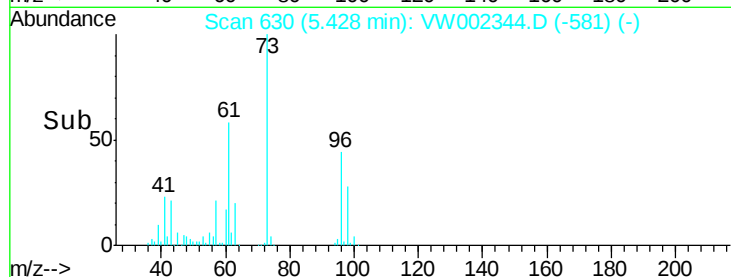
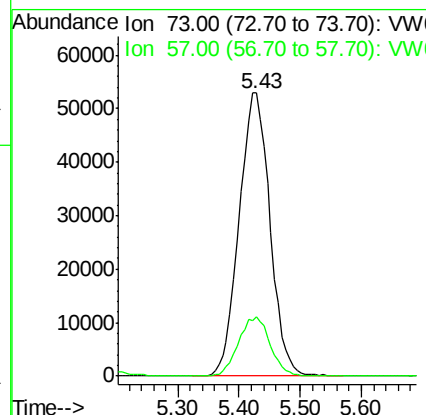
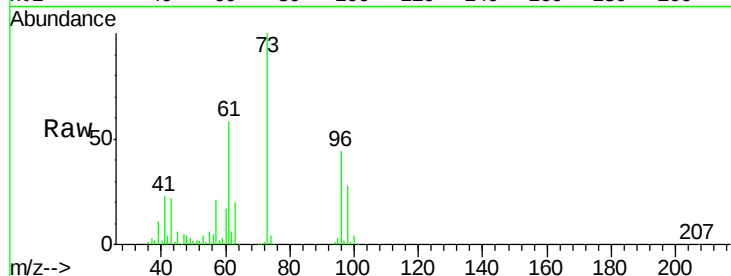




#19
Methvl tert-butvl Ether
Concen: 54.47 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

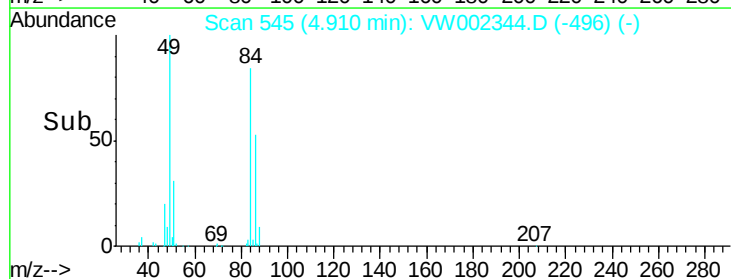
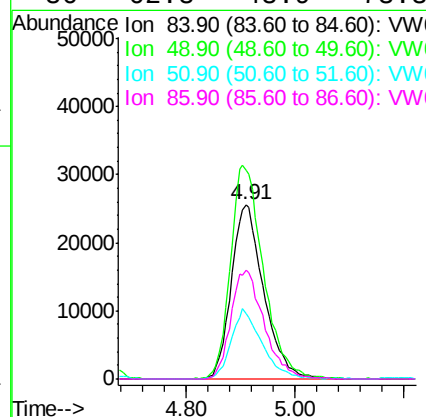
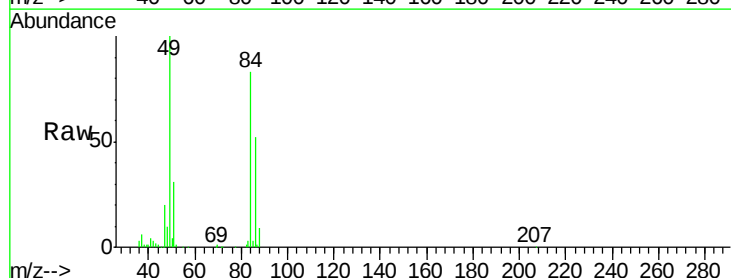
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

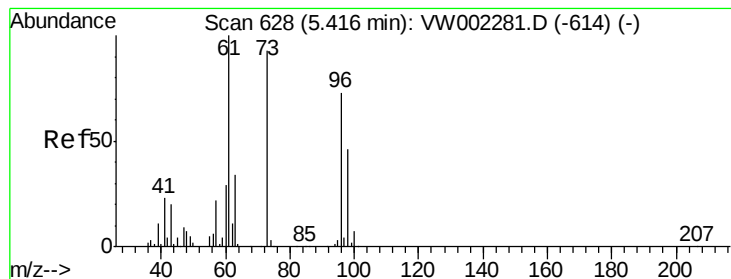
Tot Ion: 73 Resp: 184608
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#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

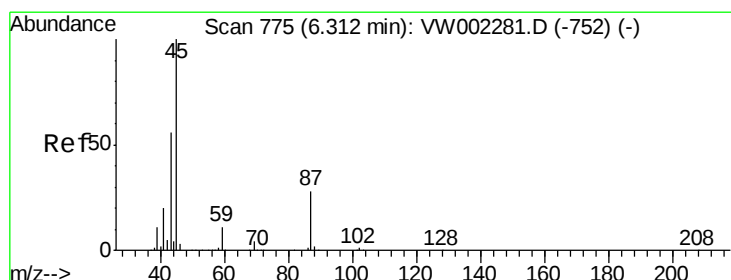
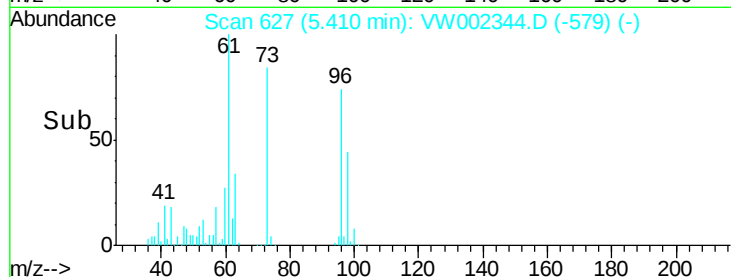
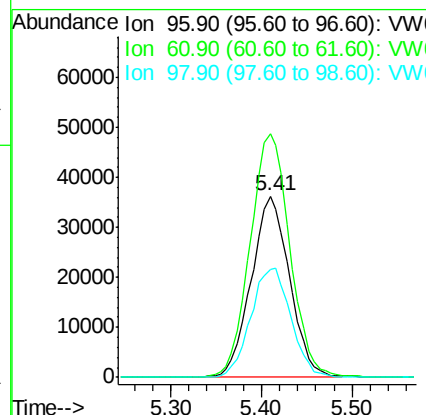
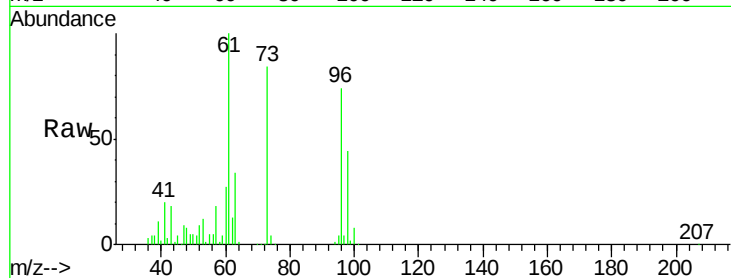
Tot Ion: 96 Resp: 106181

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

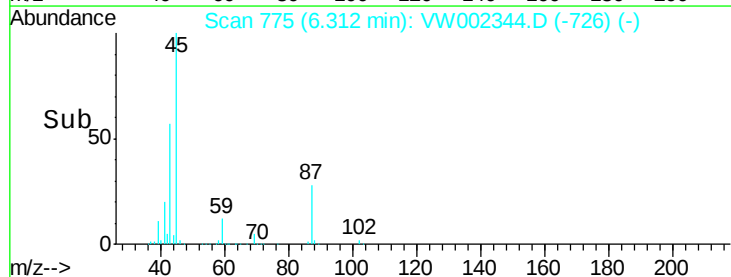
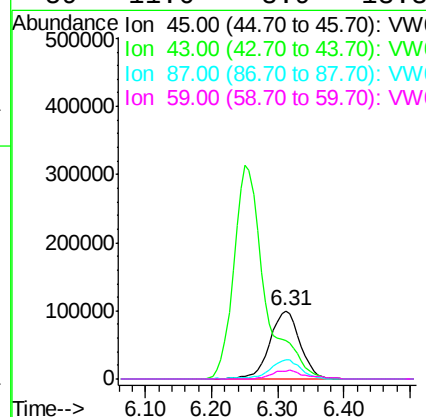
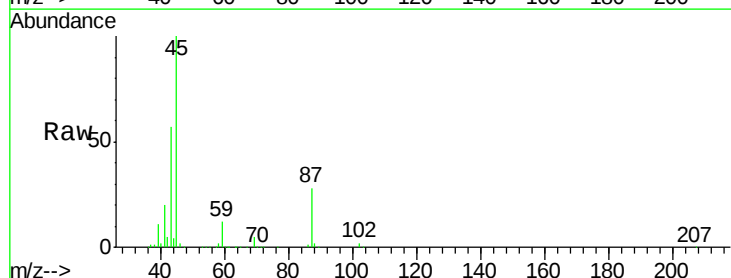
Ion Ratio Lower Upper

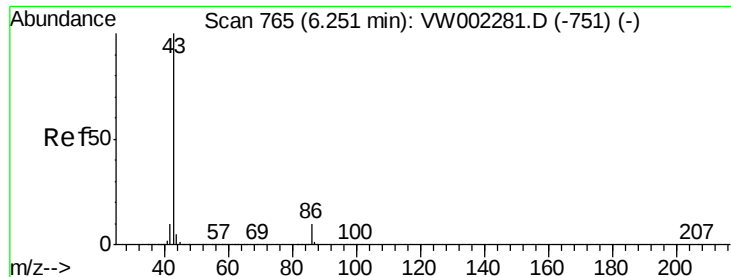
45 100

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 :

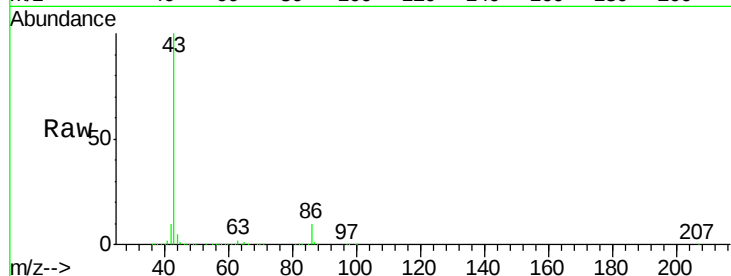
VSTDCCC050

Tot Ion: 43 Resp: 1018843

Ion Ratio Lower Upper

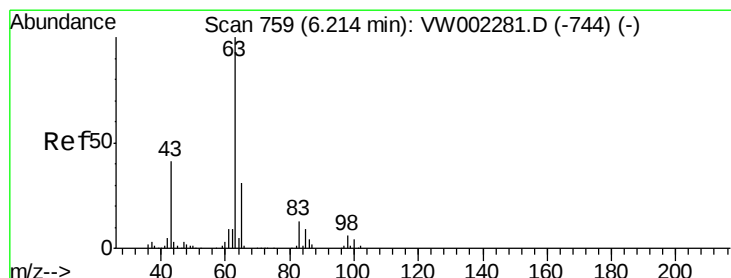
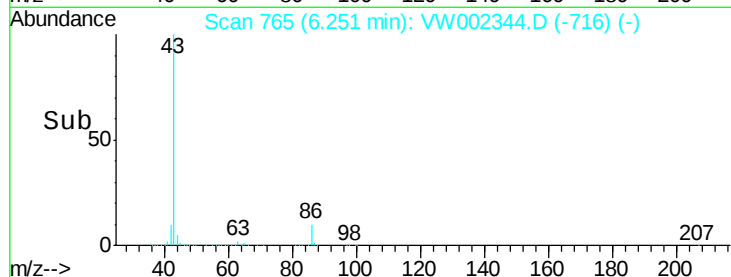
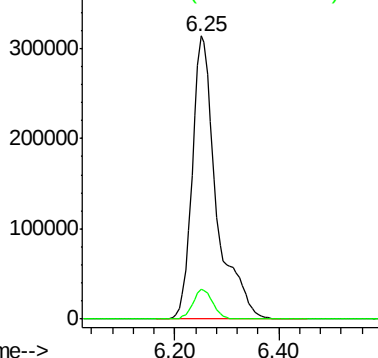
43 100

86 10.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#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

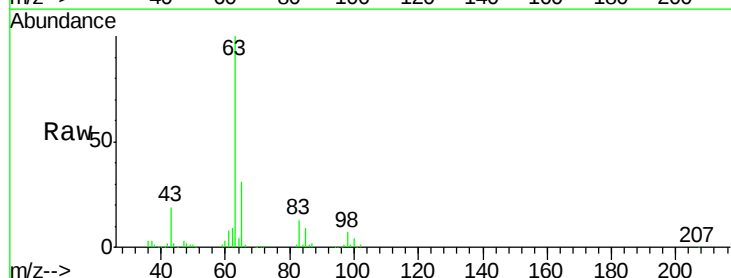
Tgt Ion: 63 Resp: 192528

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

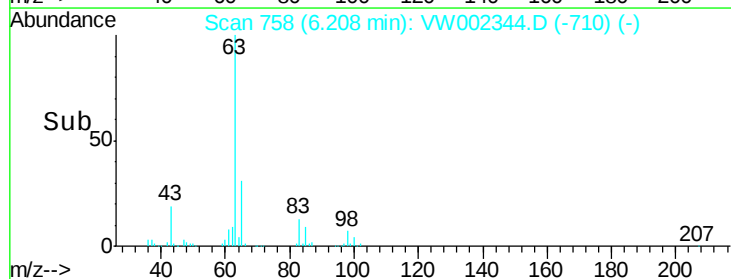
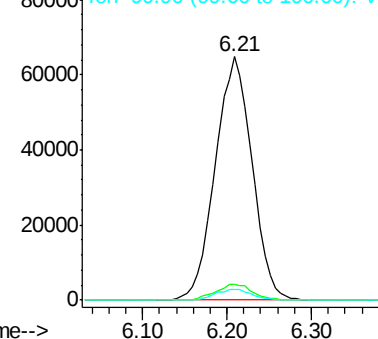
100 4.2 2.0 6.0

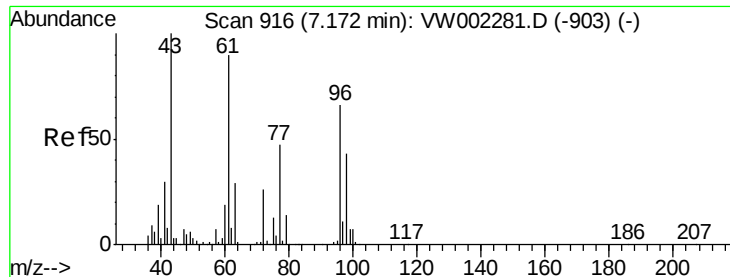


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#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 :

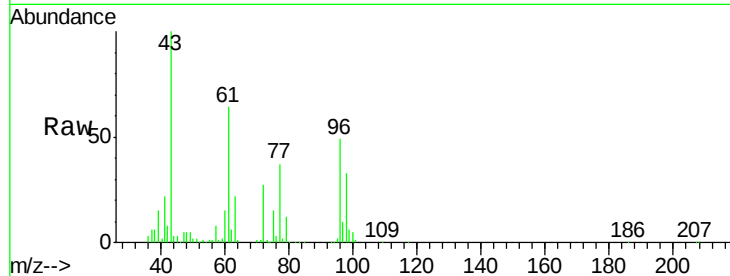
VSTDCCC050

Tot Ion: 43 Resp: 180449

Ion Ratio Lower Upper

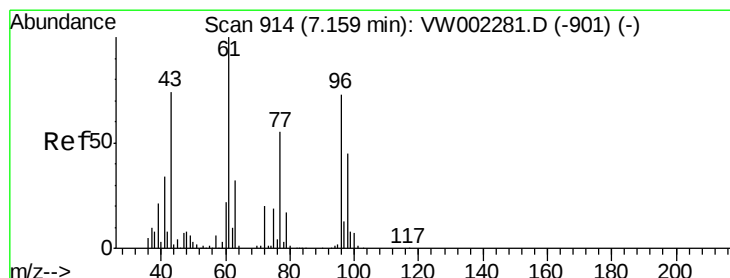
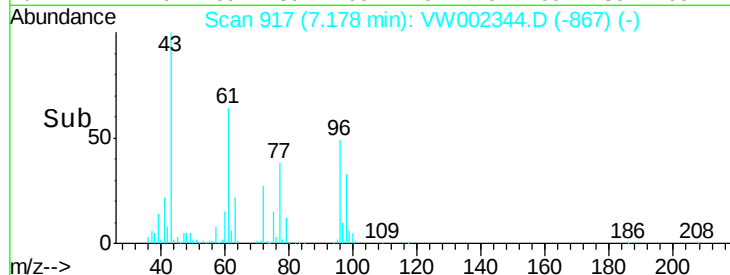
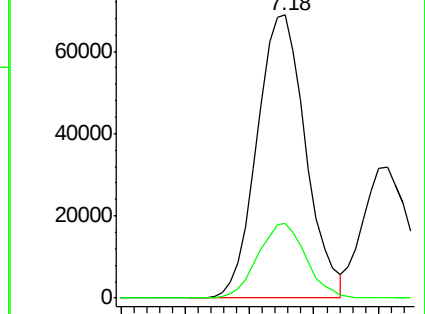
43 100

72 26.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#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

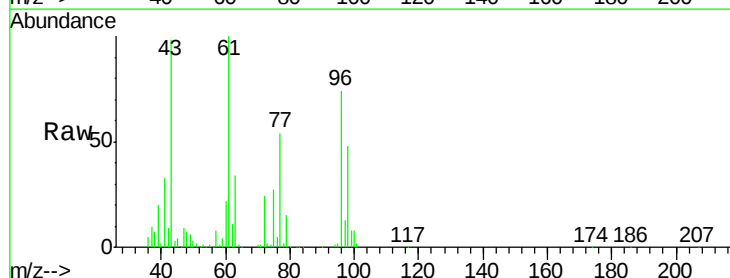
Acq: 09 May 2018 22:25

Tgt Ion: 77 Resp: 96921

Ion Ratio Lower Upper

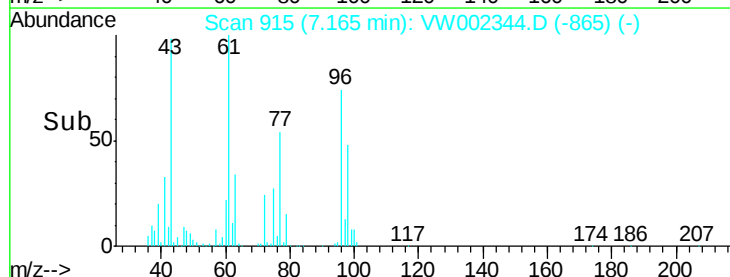
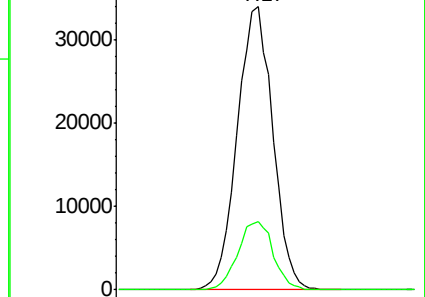
77 100

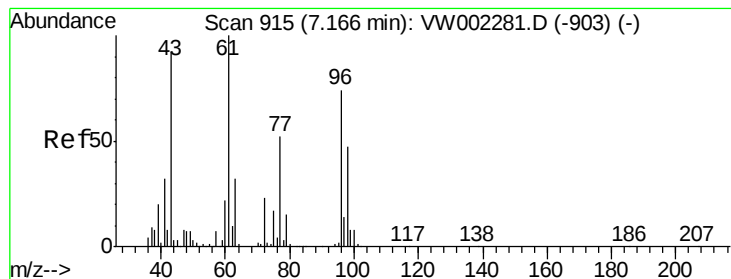
97 24.0 12.7 38.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 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

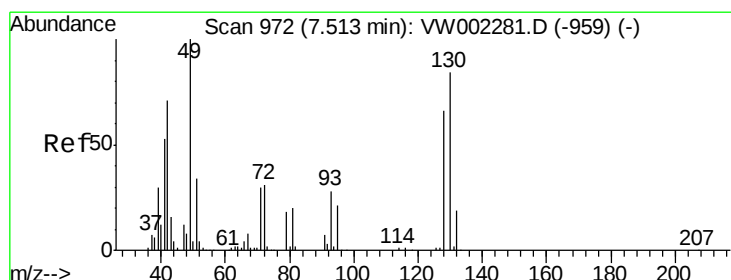
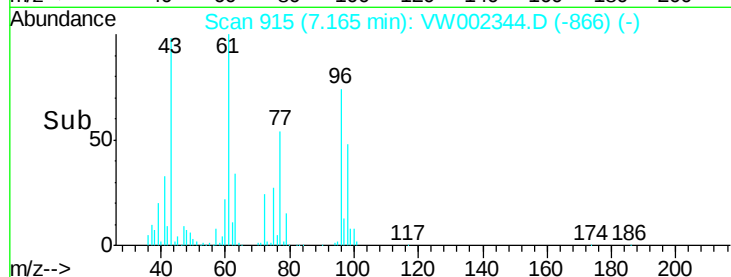
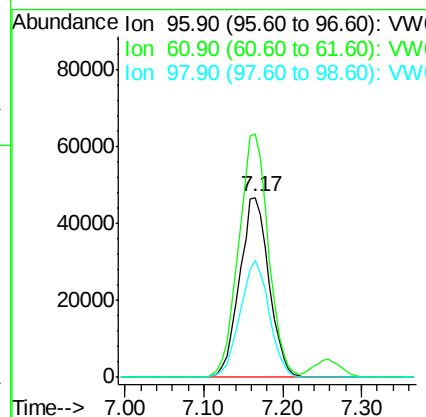
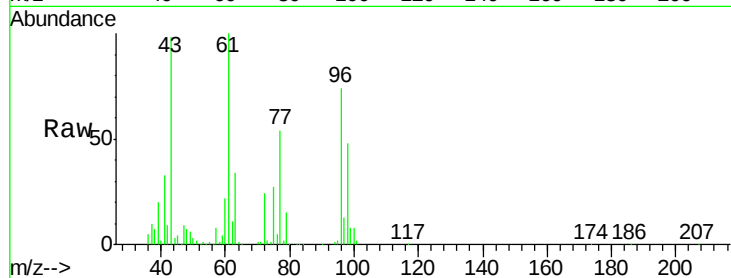
Tot Ion: 96 Resp: 121608

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

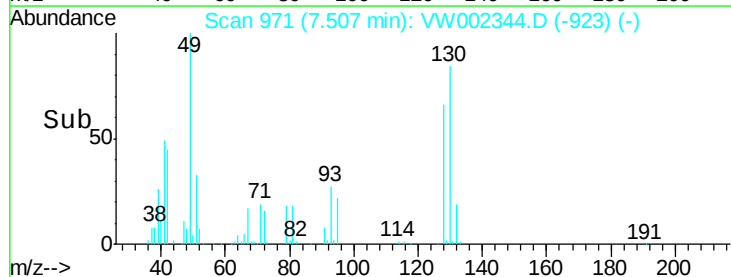
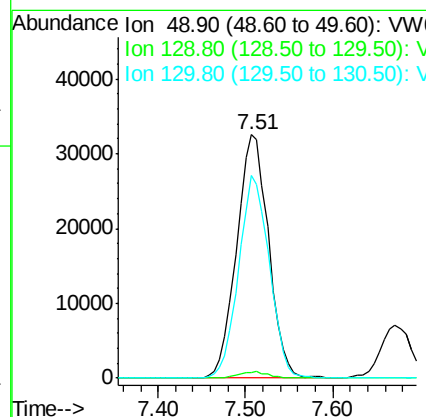
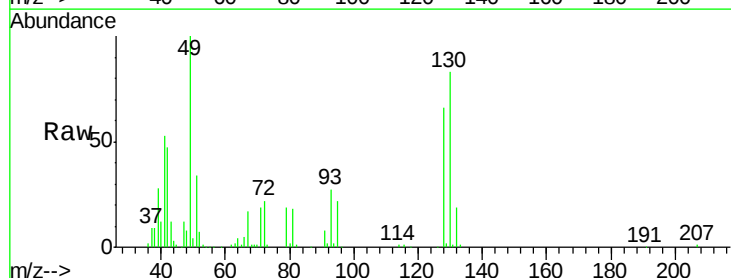
Tgt Ion: 49 Resp: 82601

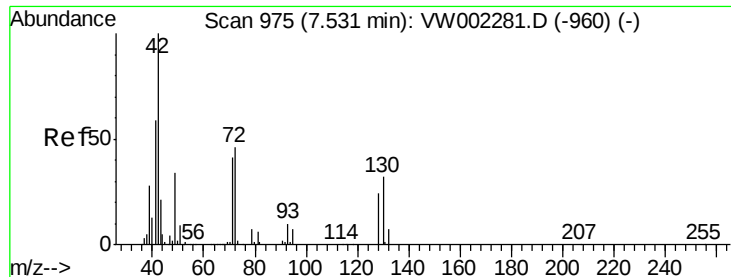
Ion Ratio Lower Upper

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

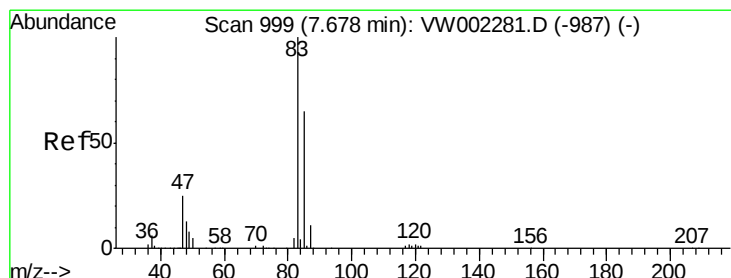
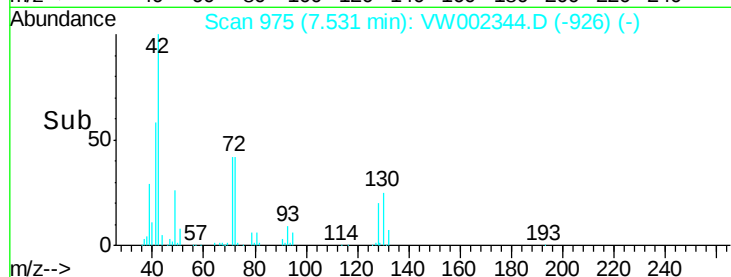
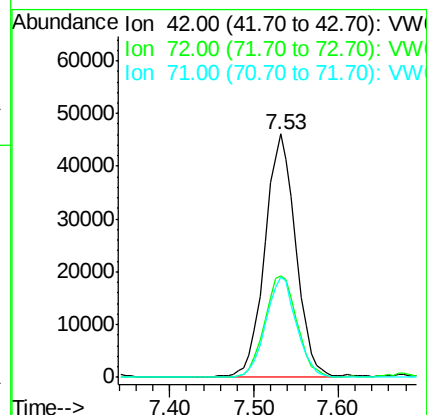
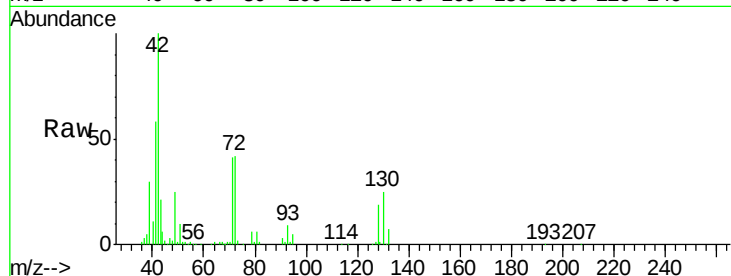
Tot Ion: 42 Resp: 116121

Ion Ratio Lower Upper

42 100

72 43.6 34.5 51.7

71 41.1 33.0 49.6



#30

Chloroform

Concen: 51.67 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002344.D

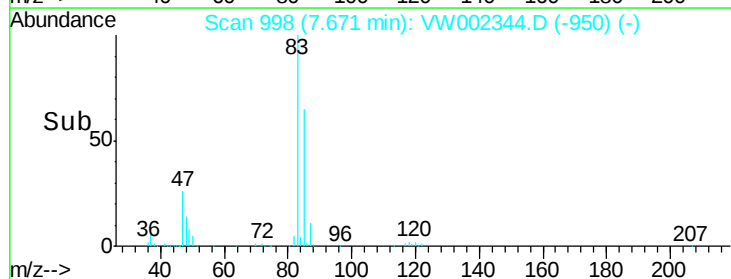
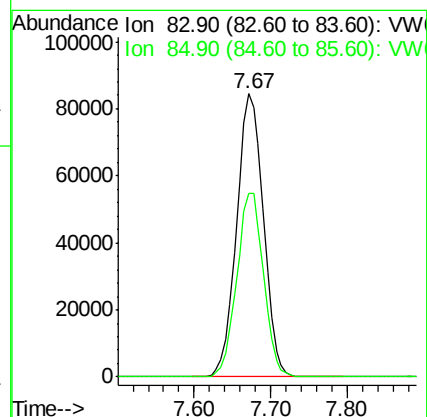
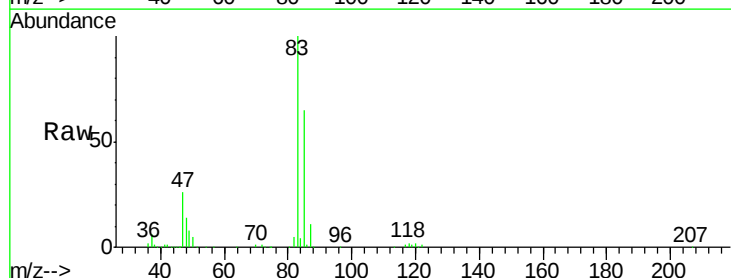
Acq: 09 May 2018 22:25

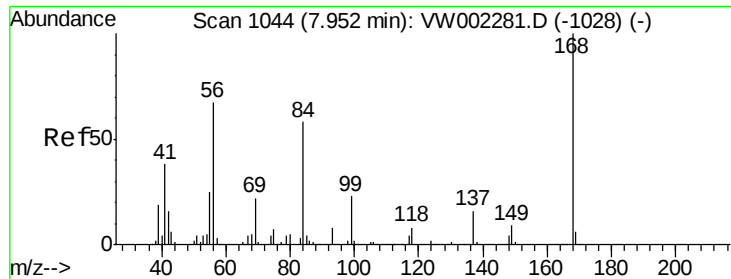
Tgt Ion: 83 Resp: 204846

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6

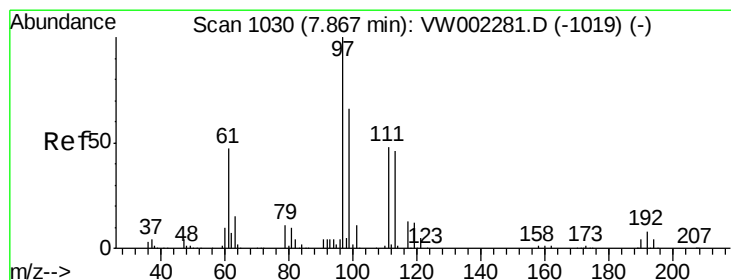
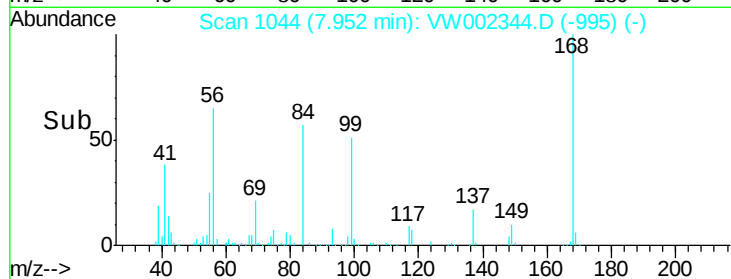
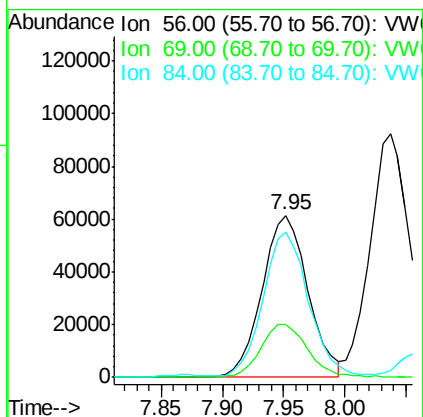
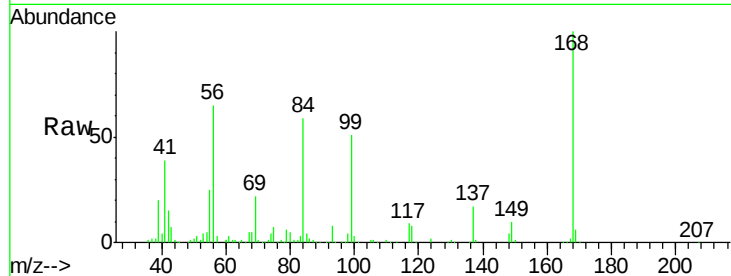




#31
Cyclohexane
Concen: 47.36 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

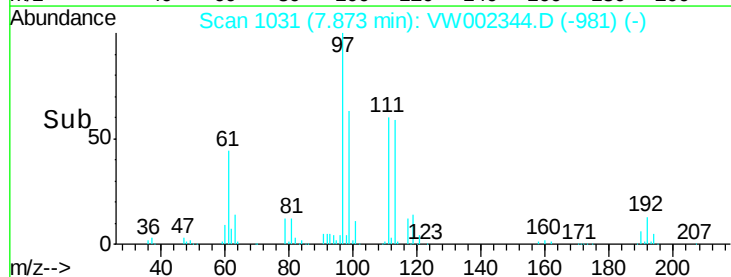
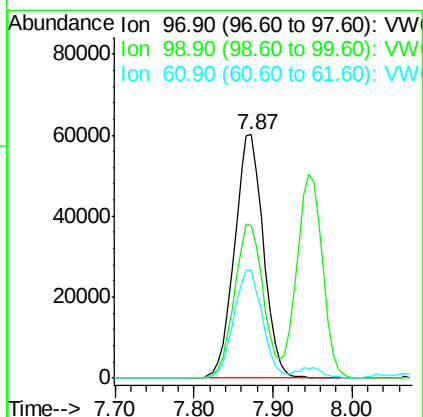
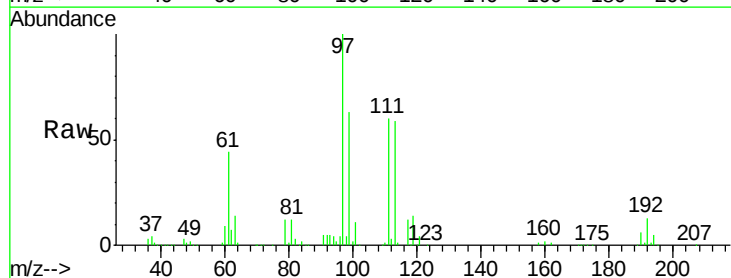
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

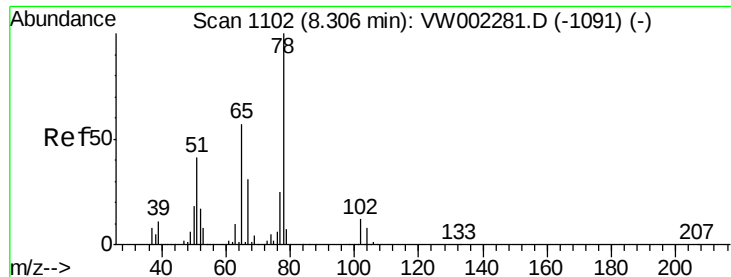
Tot Ion: 56 Resp: 160044
Ion Ratio Lower Upper
56 100
69 32.6 26.2 39.4
84 88.2 69.2 103.8



#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

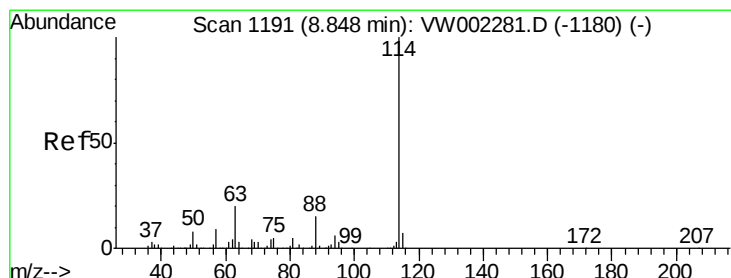
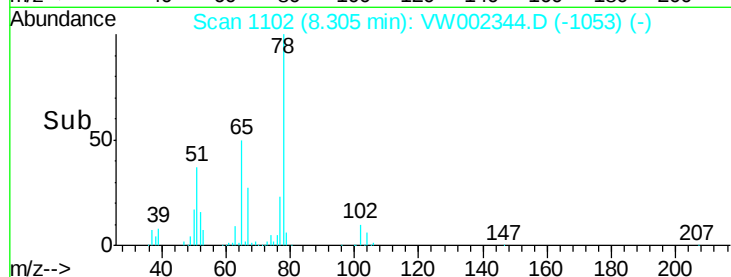
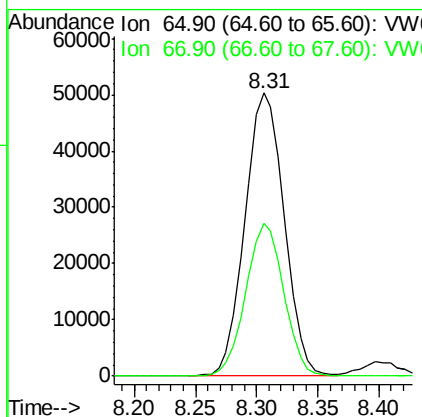
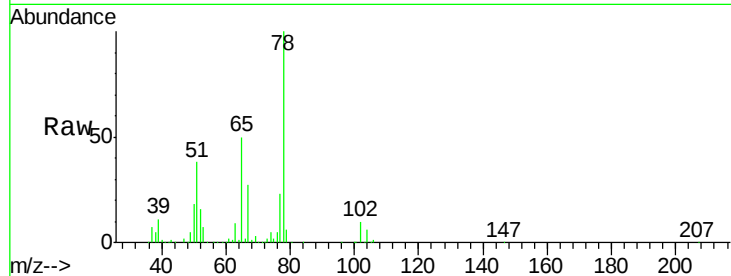




#33
 1,2-Dichloroethane-d4
 Concen: 49.42 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

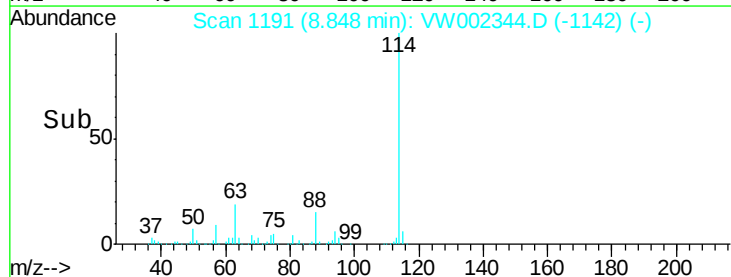
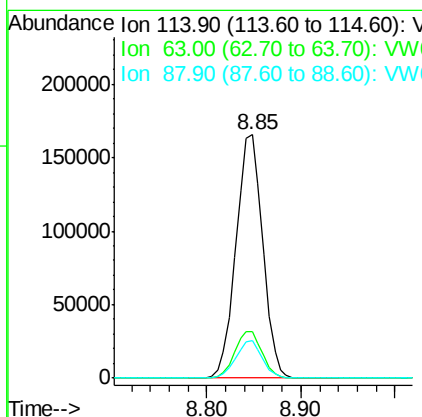
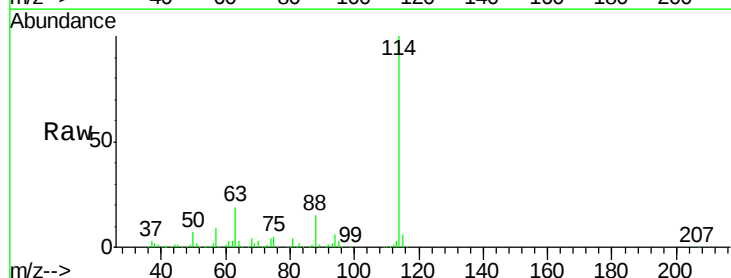
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

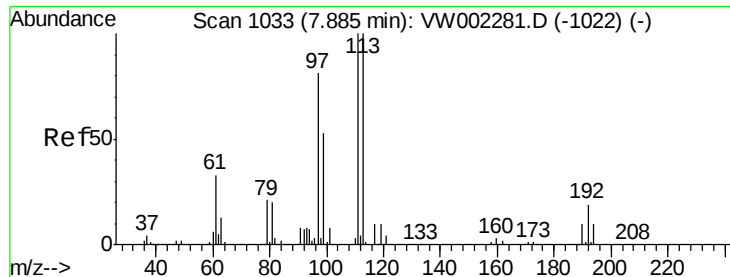
Tot Ion: 65 Resp: 112387
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.2



#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

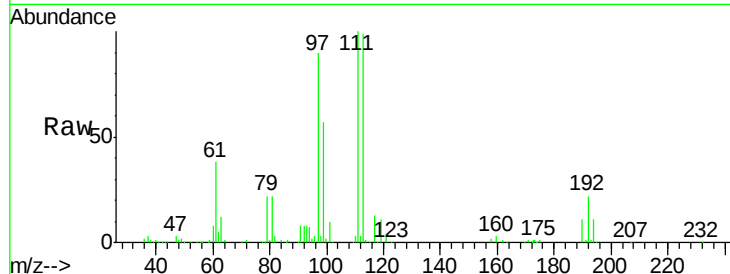




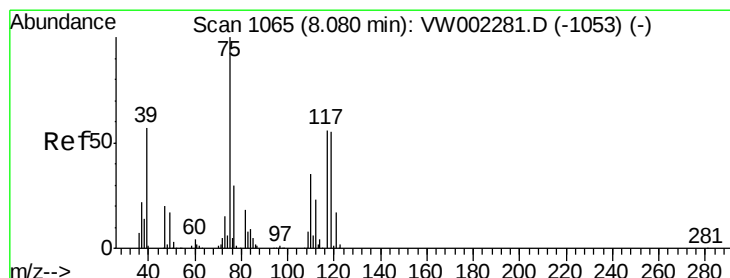
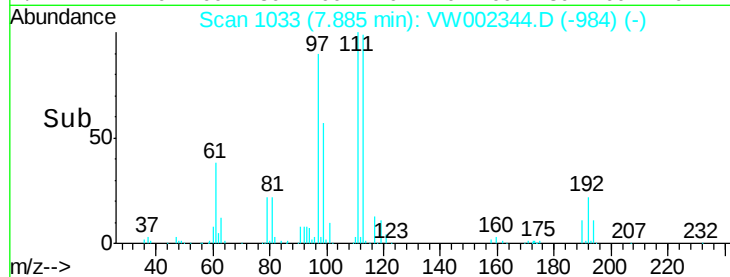
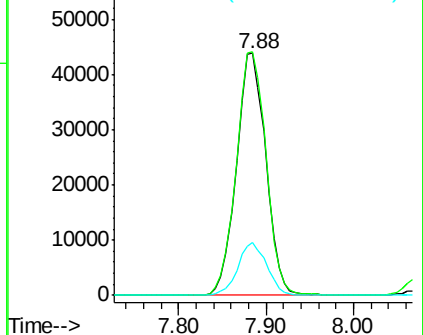
#35
 Dibromofluoromethane
 Concen: 49.30 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	21.4	16.4	24.6

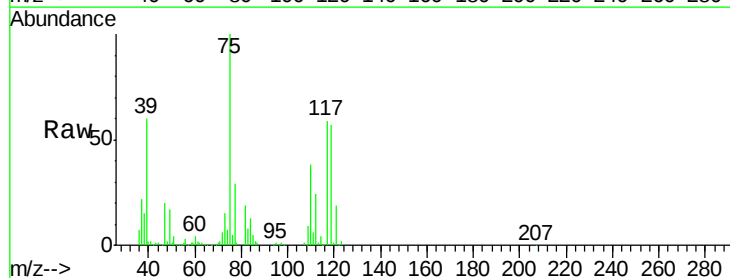


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

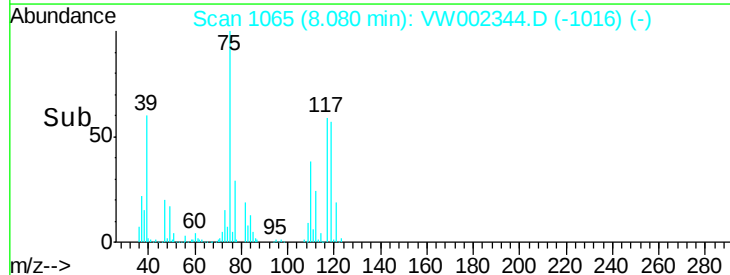
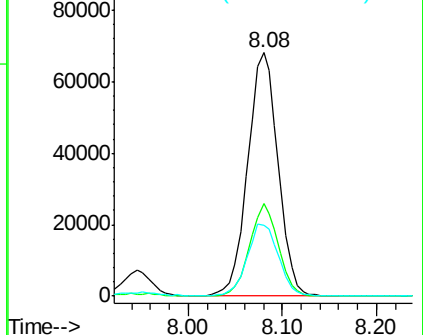


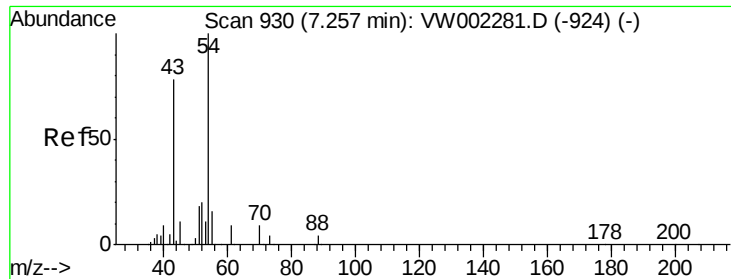
#36
 1,1-Dichloropropene
 Concen: 52.35 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

Tgt Ion	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

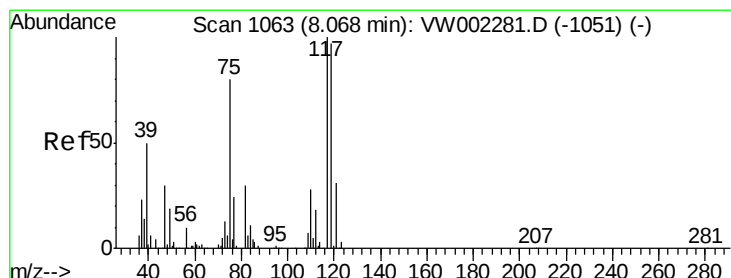
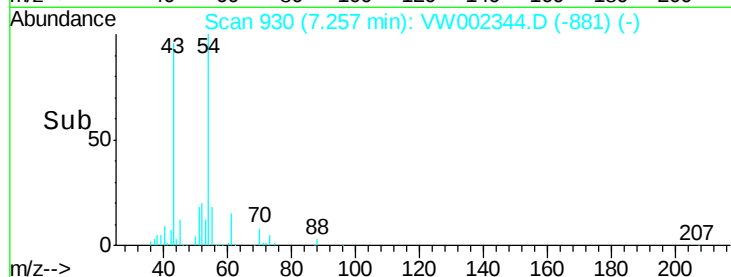
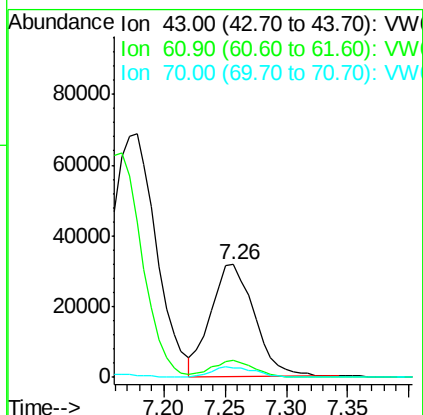
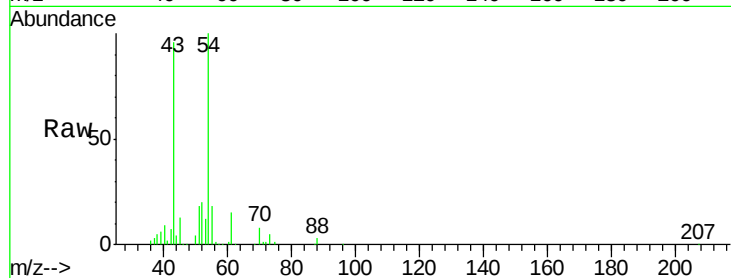




#37
Ethyl Acetate
Concen: 54.83 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

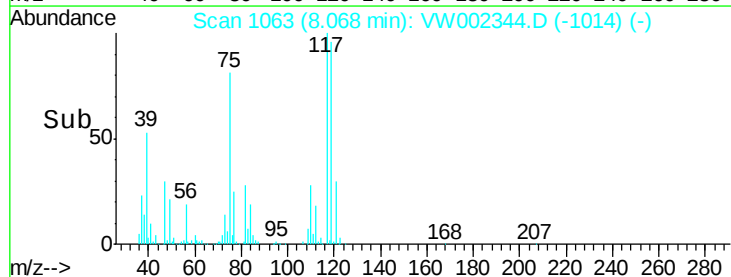
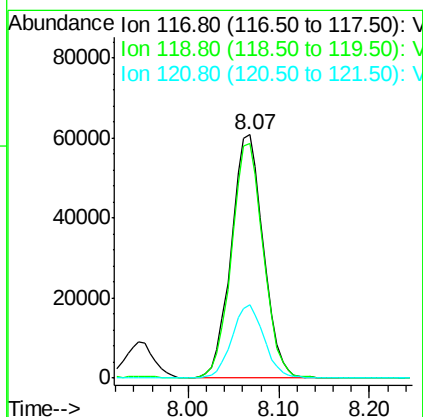
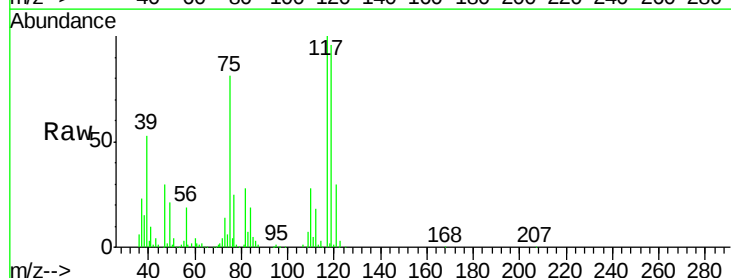
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

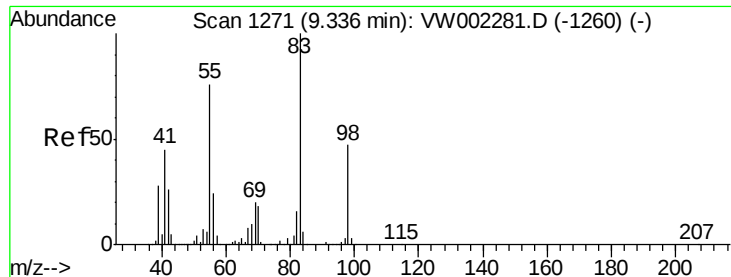
Tot Ion	43	Resp	78685
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.1	16.7
70	9.8	7.9	11.9



#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

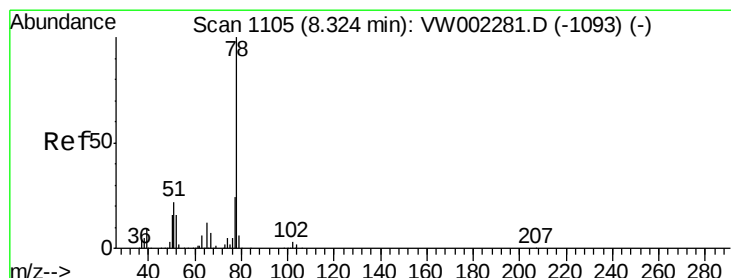
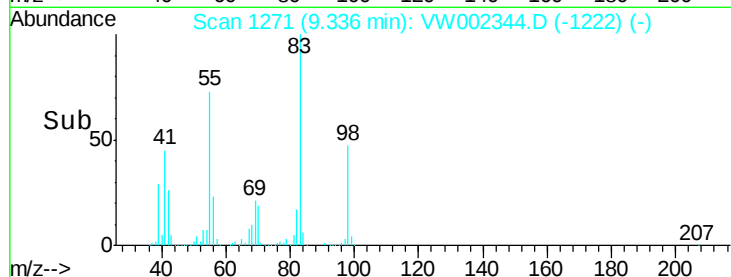
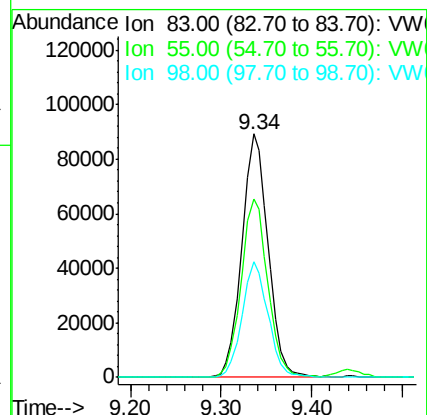
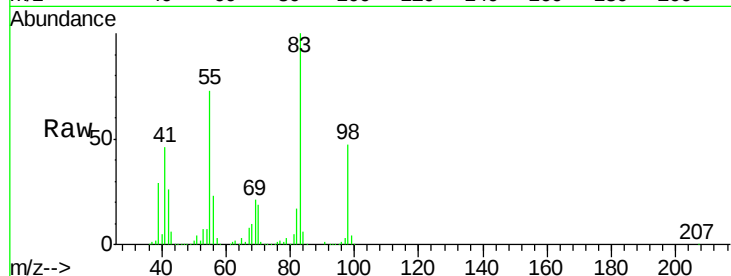




#39
Methvlcvclohexane
Concen: 52.10 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

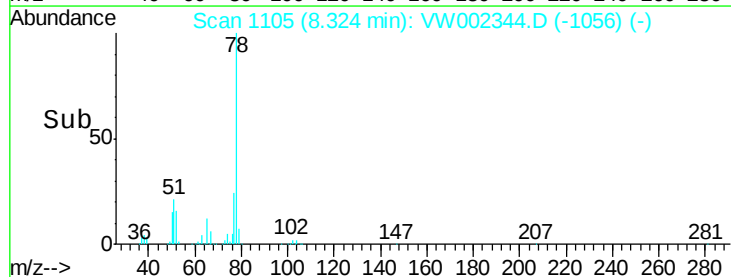
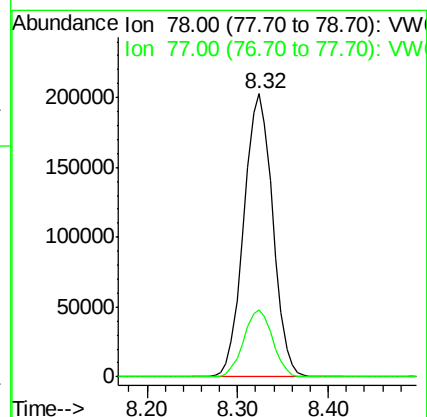
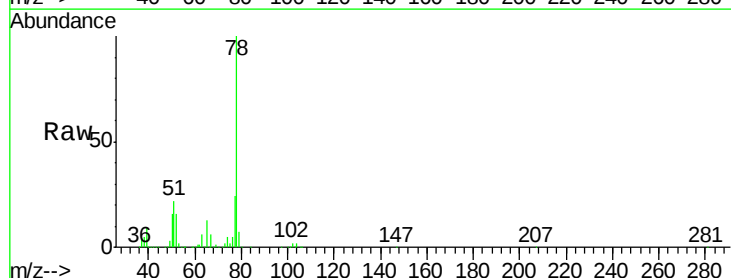
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

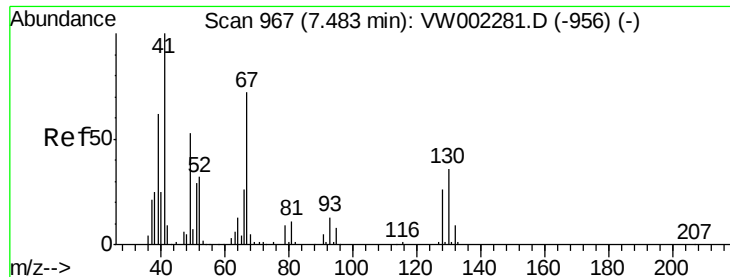
Tot Ion: 83 Resp: 179039
Ion Ratio Lower Upper
83 100
55 73.3 60.6 91.0
98 47.4 37.4 56.0



#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

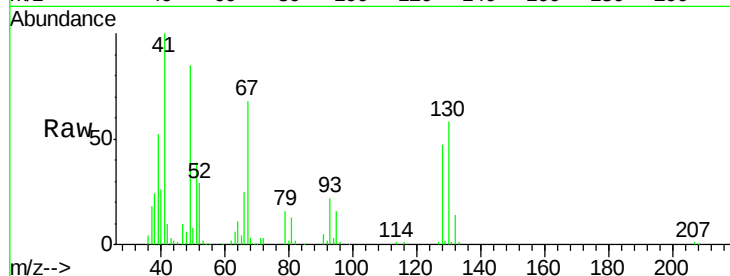




#41
Methacrylonitrile
Concen: 52.24 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot 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



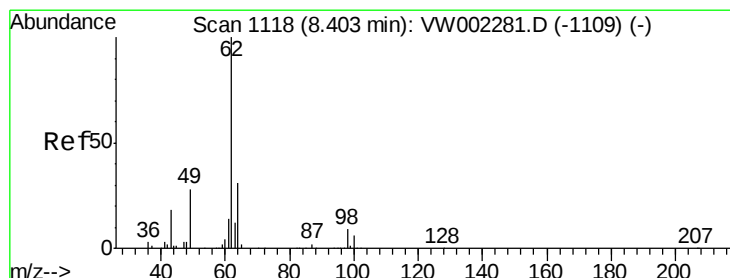
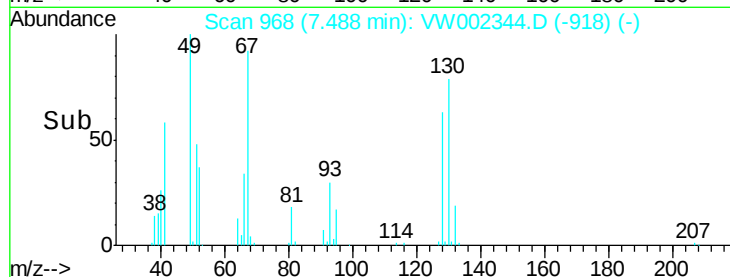
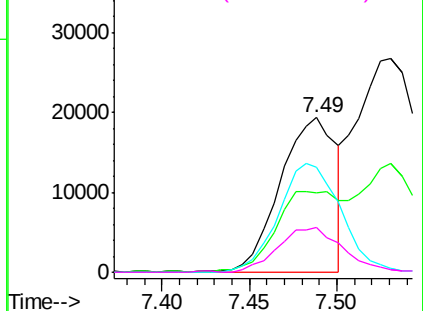
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

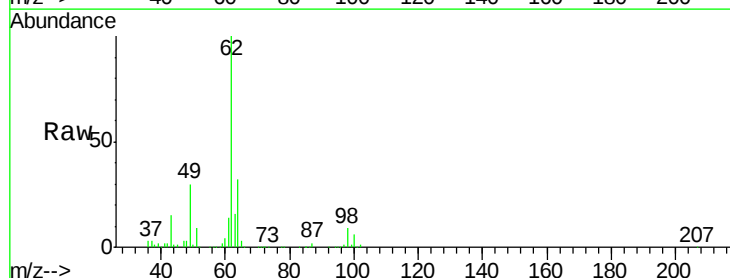
Ion 67.00 (66.70 to 67.70): VW

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

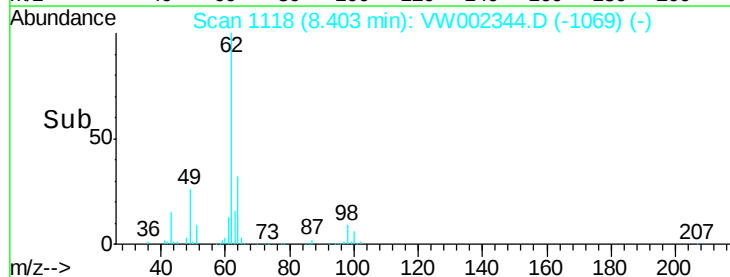
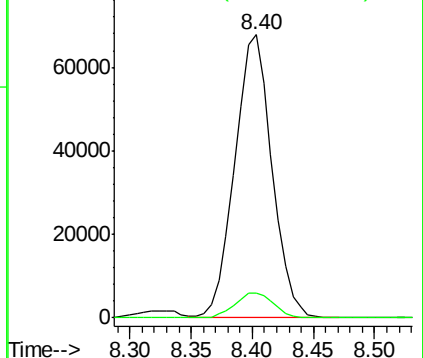
Tgt Ion:	62	Resp:	142556
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

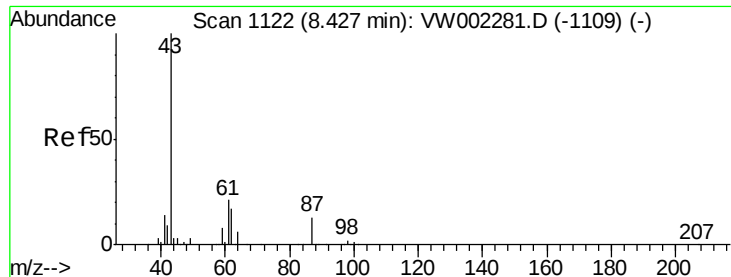


Abundance

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

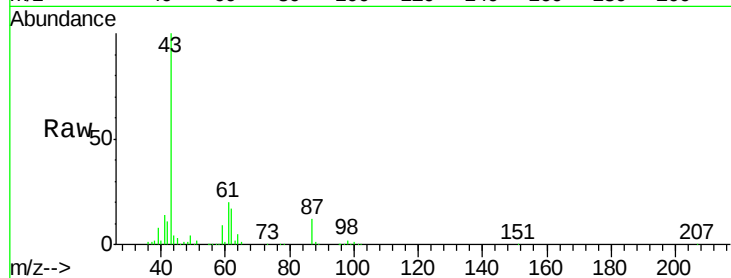
Tot Ion: 43 Resp: 150580

Ion Ratio Lower Upper

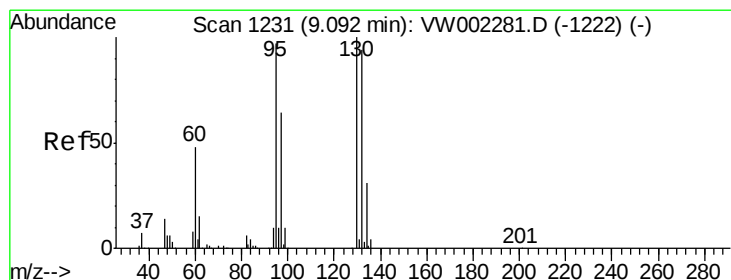
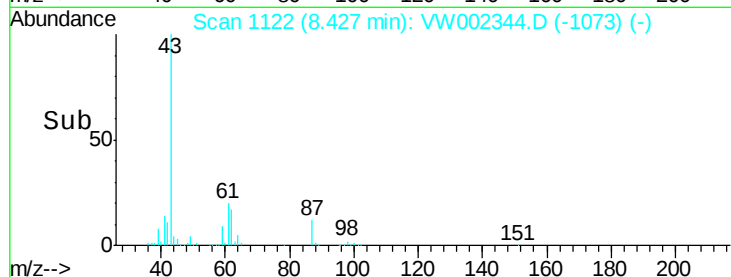
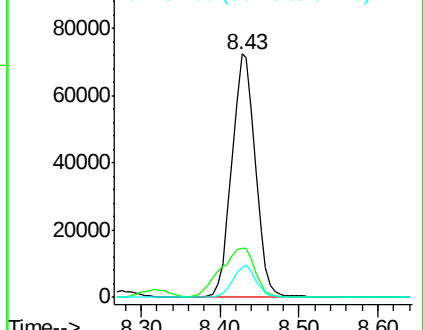
43 100

61 29.6 23.7 35.5

87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.36 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002344.D

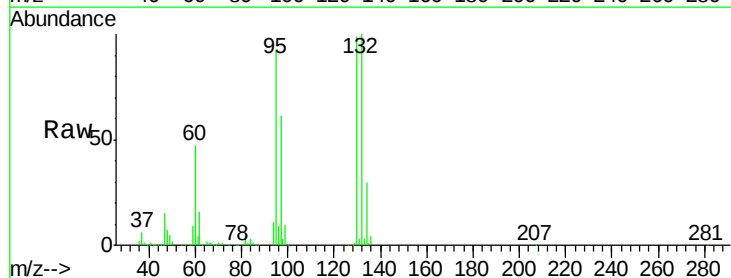
Acq: 09 May 2018 22:25

Tgt Ion: 130 Resp: 120519

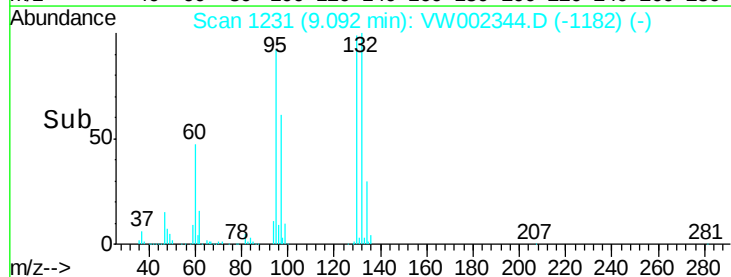
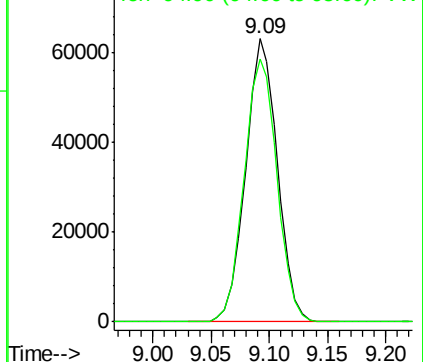
Ion Ratio Lower Upper

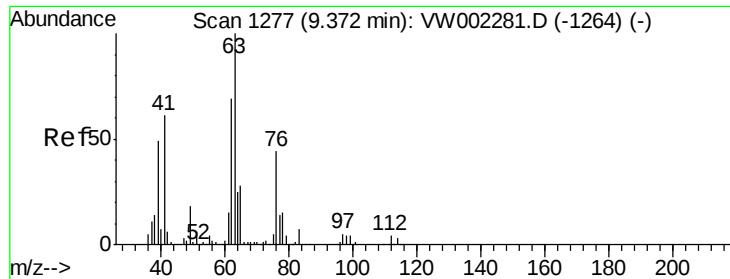
130 100

95 92.8 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

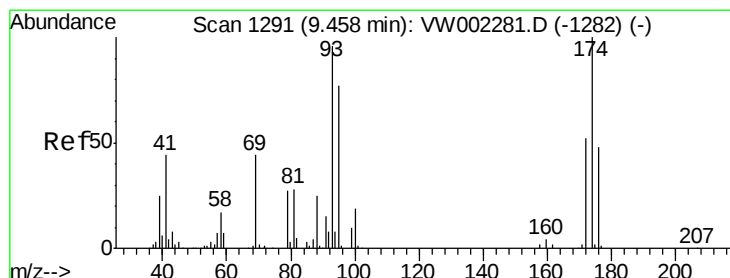
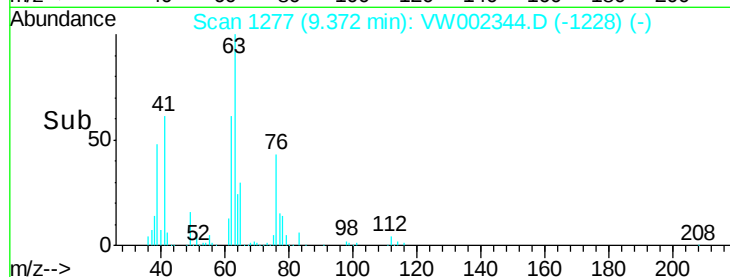
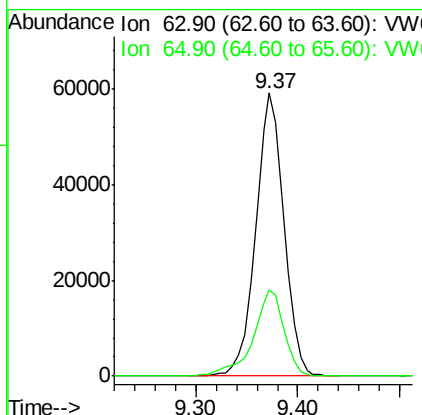
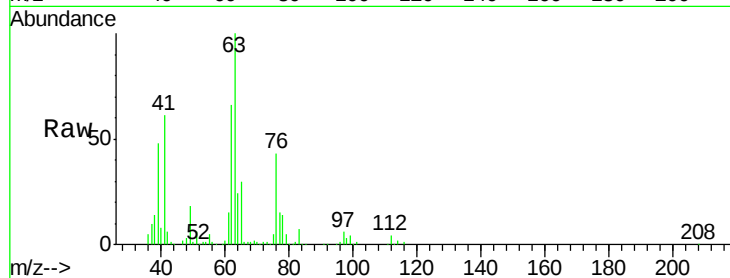




#45
 1,2-Dichloropropane
 Concen: 52.83 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

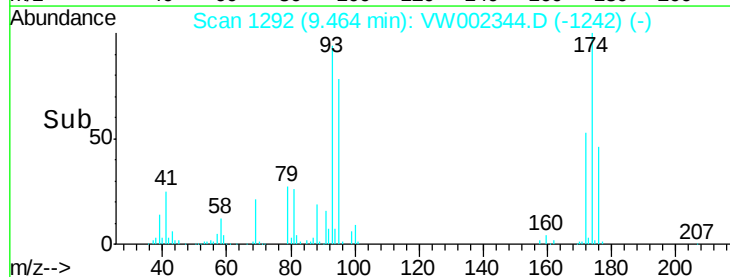
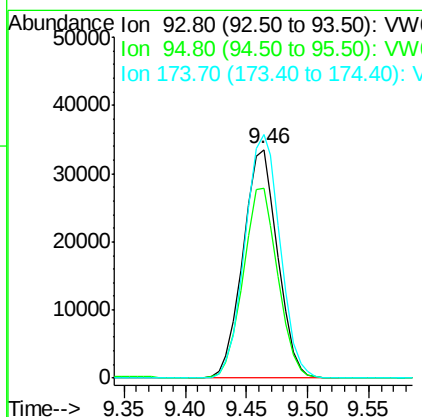
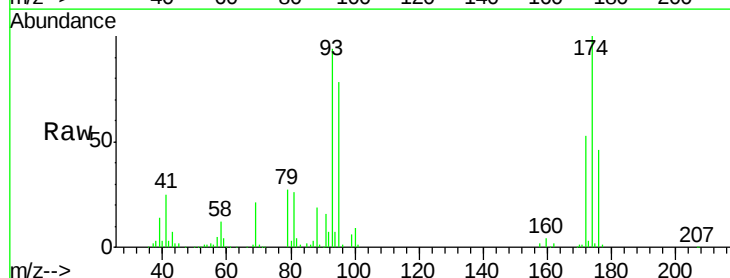
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

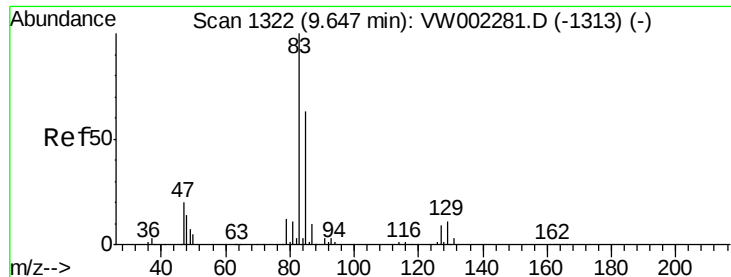
Tot Ion: 63 Resp: 113932
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.9 34.3



#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

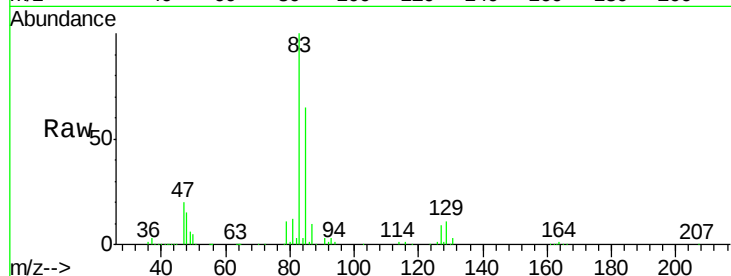
Tot Ion: 83 Resp: 154332

Ion Ratio Lower Upper

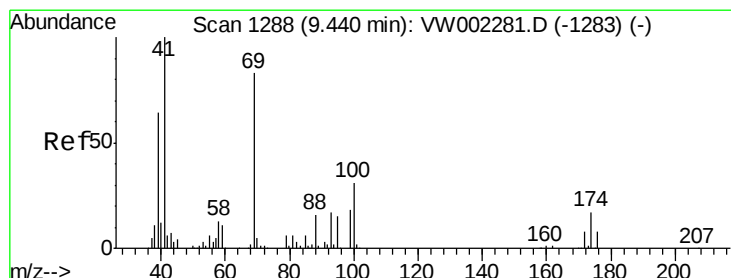
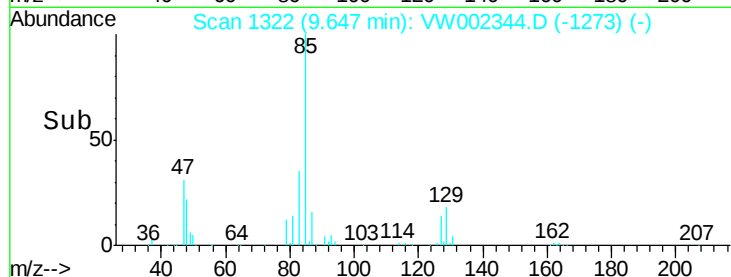
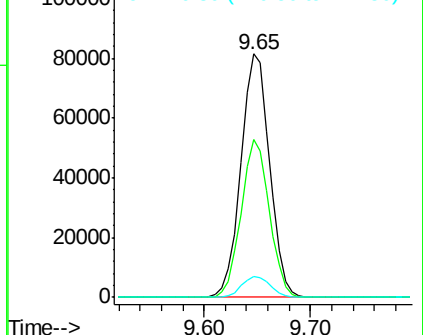
83 100

85 64.9 50.2 75.2

127 8.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 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

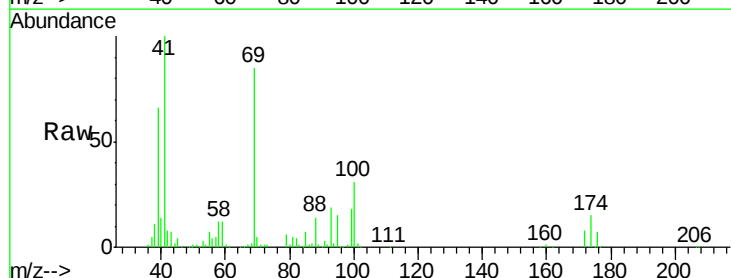
Tgt Ion: 41 Resp: 78766

Ion Ratio Lower Upper

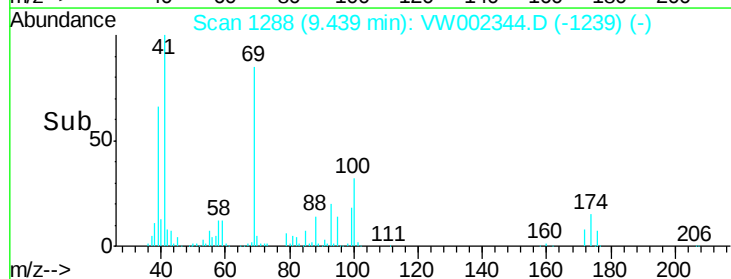
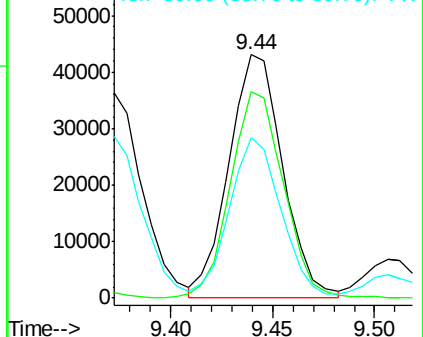
41 100

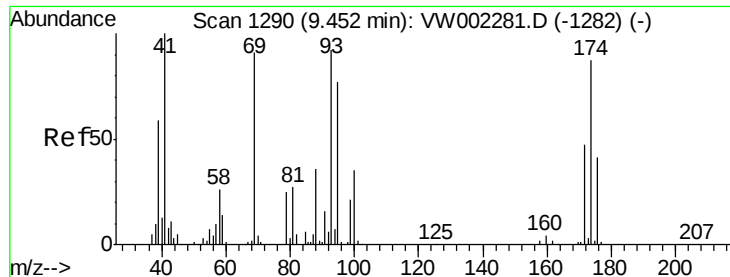
69 84.5 69.9 104.9

39 63.4 54.0 81.0



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





#49

1,4-Dioxane

Concen: 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

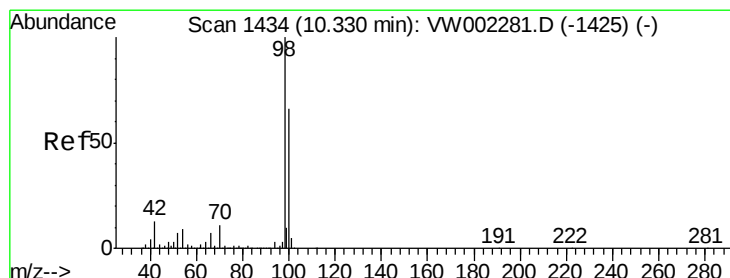
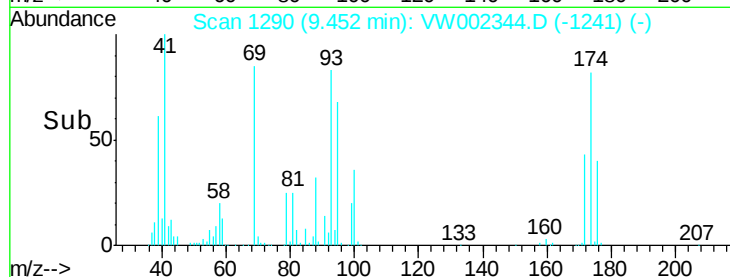
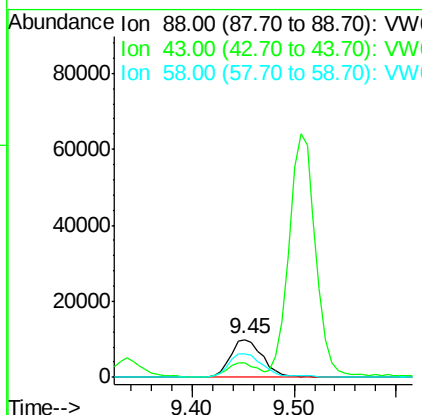
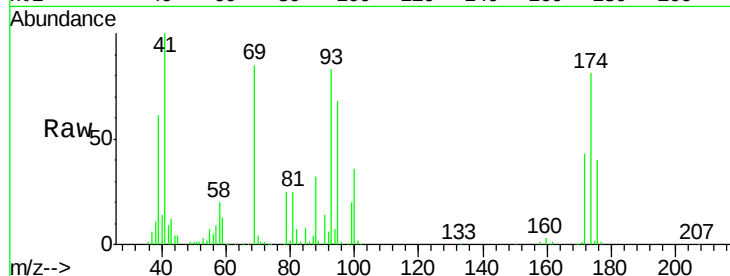
Tot Ion: 88 Resp: 21807

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

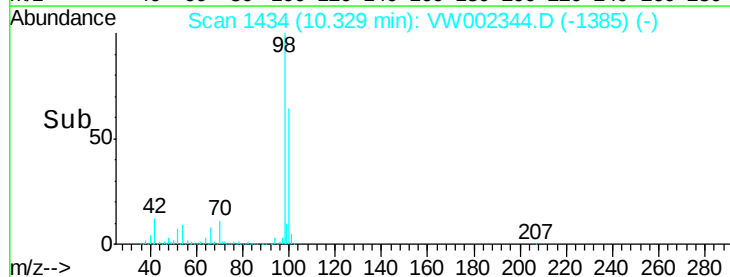
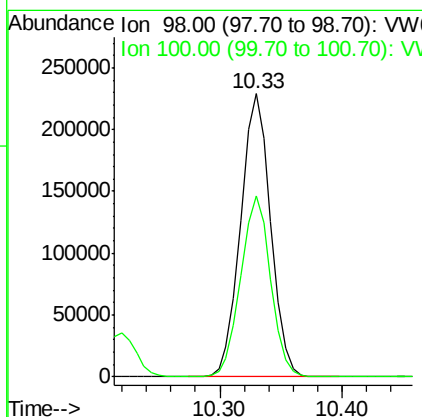
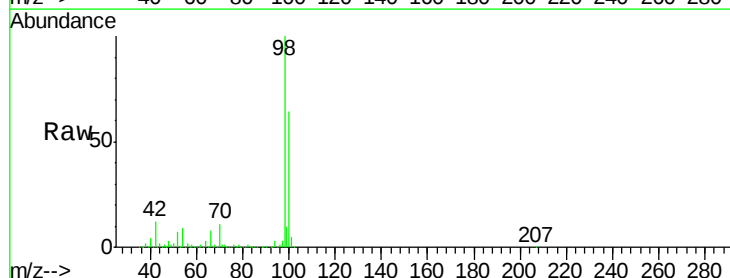
Acq: 09 May 2018 22:25

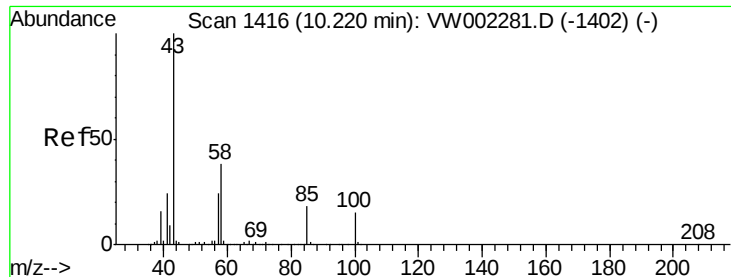
Tgt Ion: 98 Resp: 389226

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 :

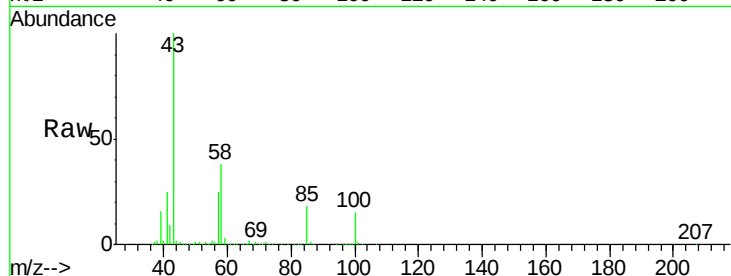
VSTDCCC050

Tot Ion: 43 Resp: 418823

Ion Ratio Lower Upper

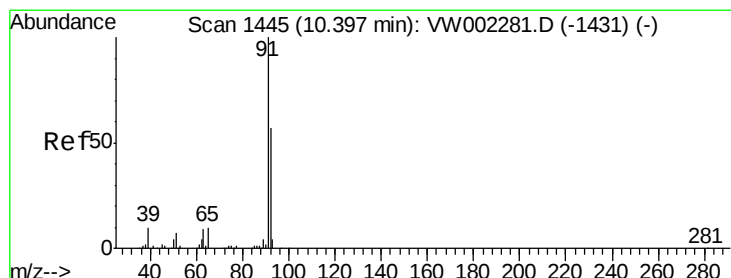
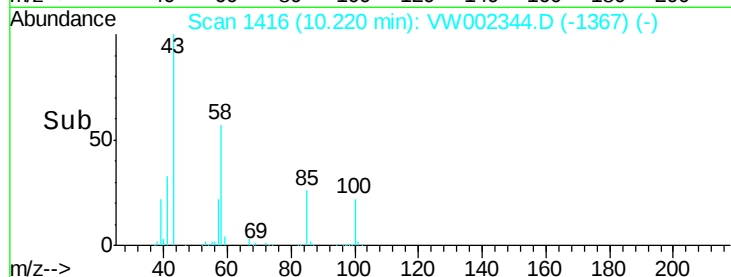
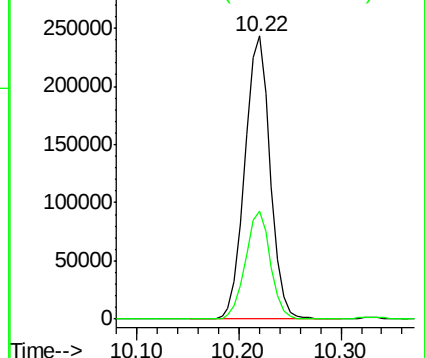
43 100

58 37.7 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 52.56 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002344.D

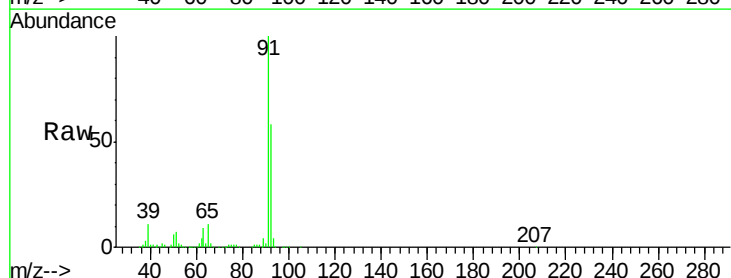
Acq: 09 May 2018 22:25

Tgt Ion: 92 Resp: 287341

Ion Ratio Lower Upper

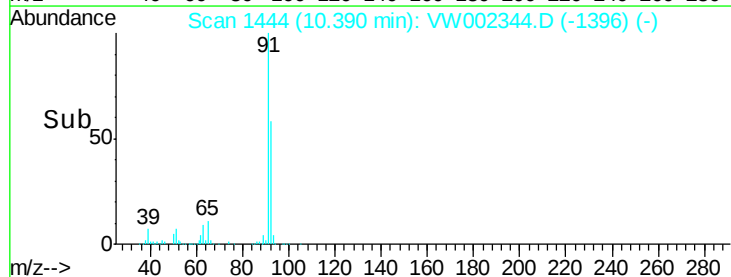
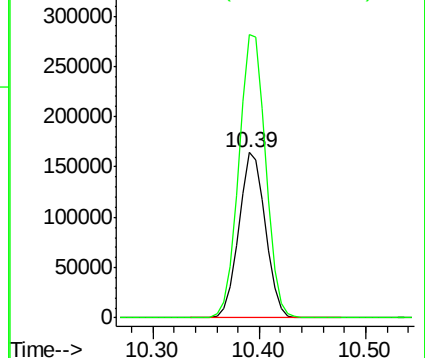
92 100

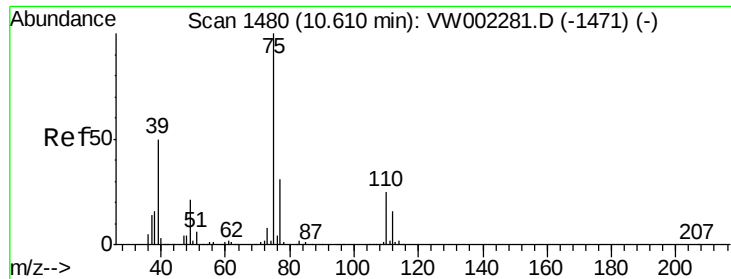
91 173.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 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

ClientSampled :

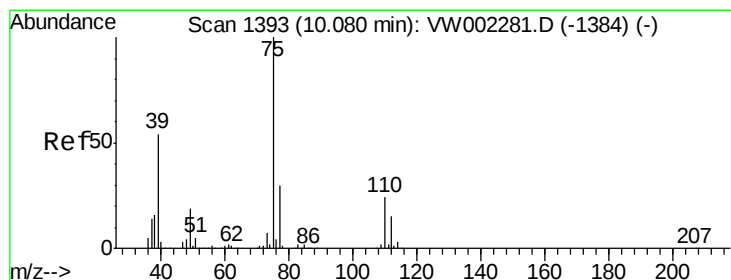
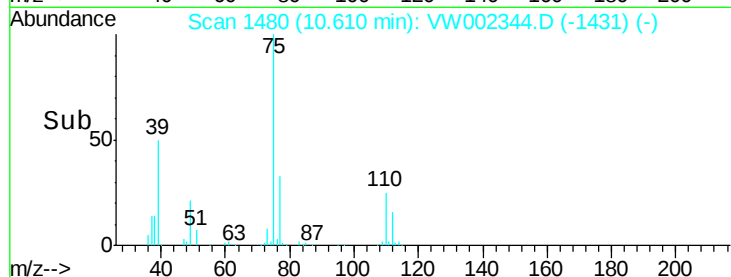
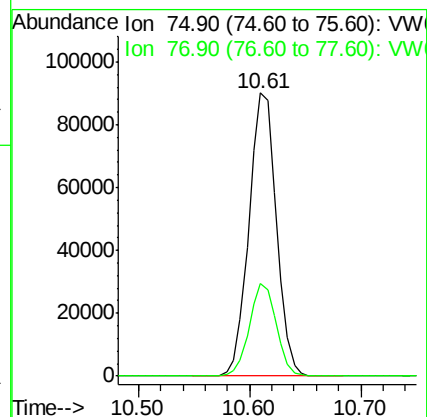
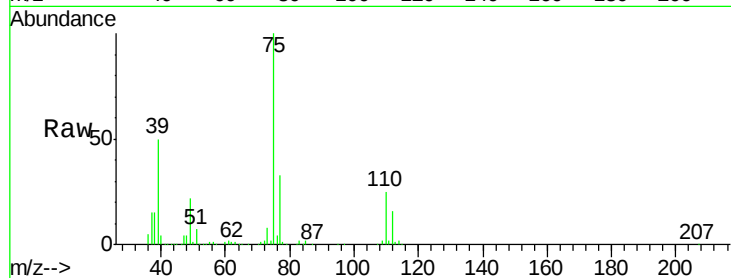
VSTDCCC050

Tot 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

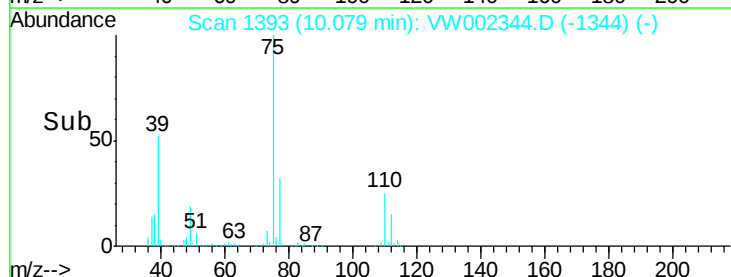
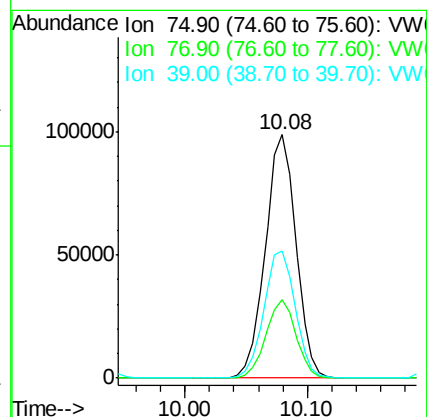
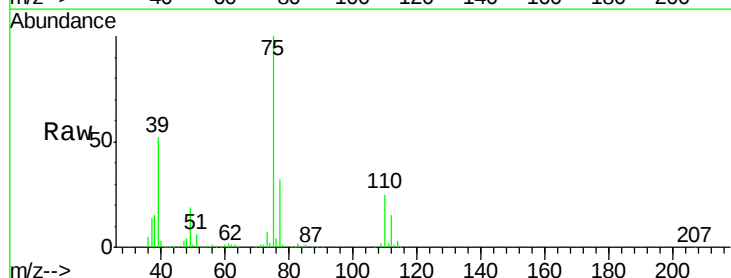
Tgt Ion: 75 Resp: 172467

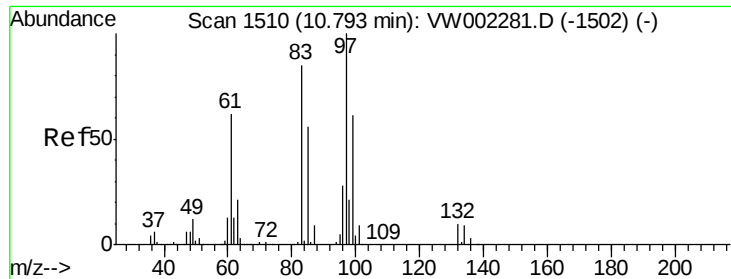
Ion Ratio Lower Upper

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

Tot Ion: 97 Resp: 92100

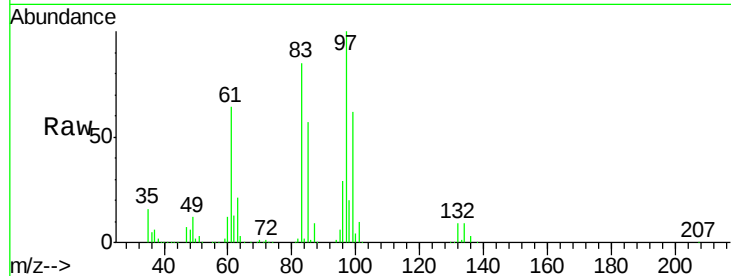
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	56.9	44.6	67.0
99	62.3	48.8	73.2

97 100

83 85.5 68.4 102.6

85 56.9 44.6 67.0

99 62.3 48.8 73.2



Abundance

Ion 96.90 (96.60 to 97.60): VW

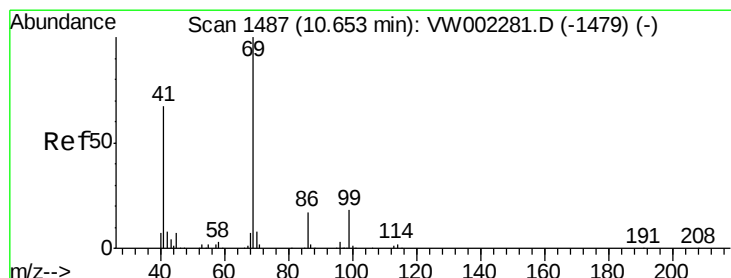
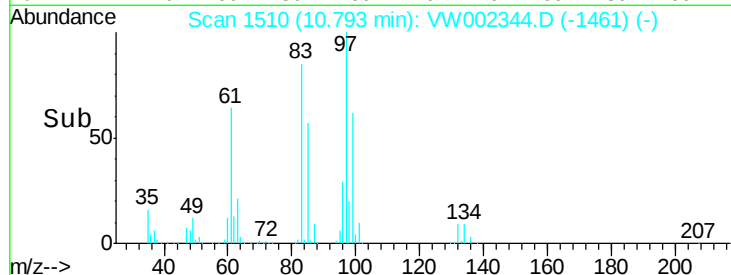
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

10.79

Time-->



#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

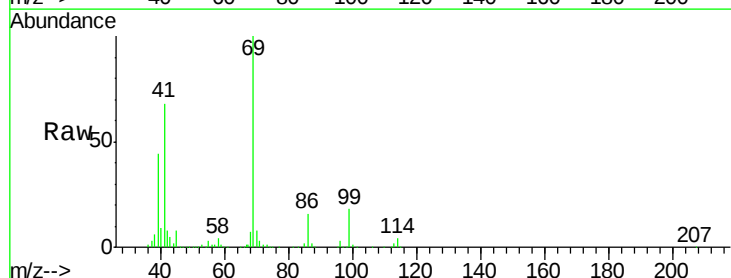
Tgt Ion: 69 Resp: 117391

Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.0	84.0
39	40.7	32.7	49.1

69 100

41 69.1 56.0 84.0

39 40.7 32.7 49.1



Abundance

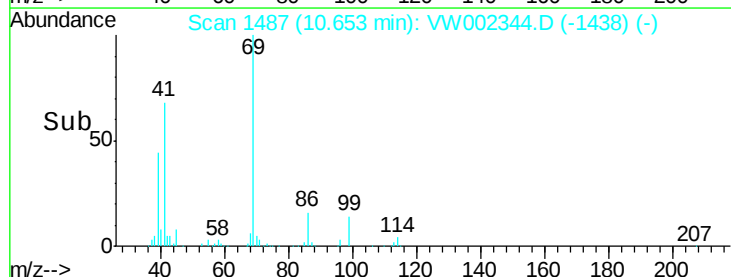
Ion 69.00 (68.70 to 69.70): VW

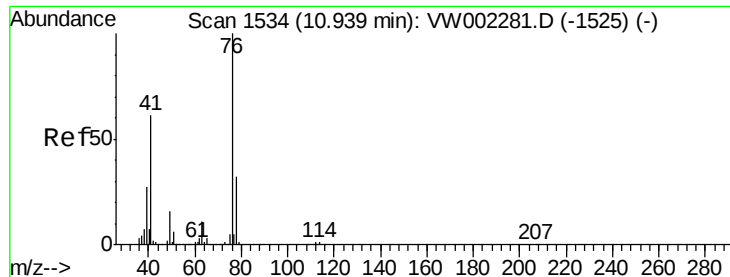
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

10.65

Time-->





#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

ClientSampleId :

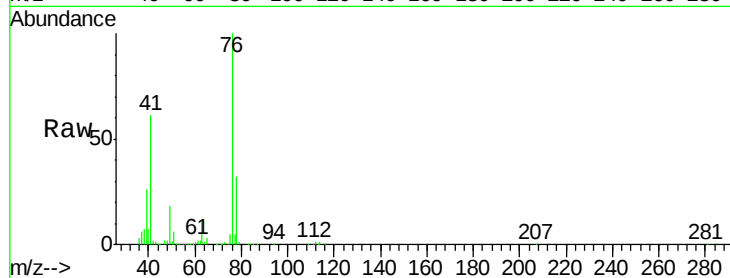
VSTDCCC050

Tot Ion: 76 Resp: 156654

Ion Ratio Lower Upper

76 100

78 31.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

80000

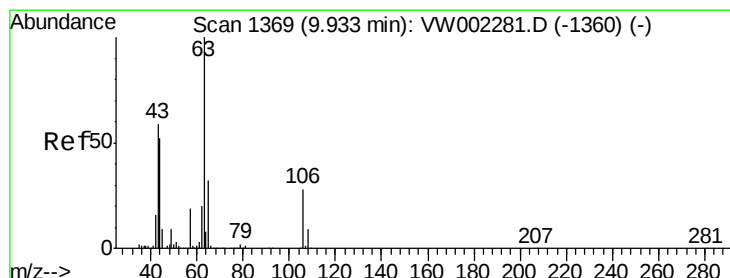
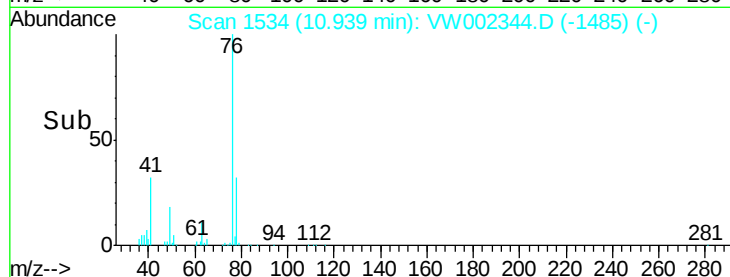
60000

40000

20000

0

Time-->



#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

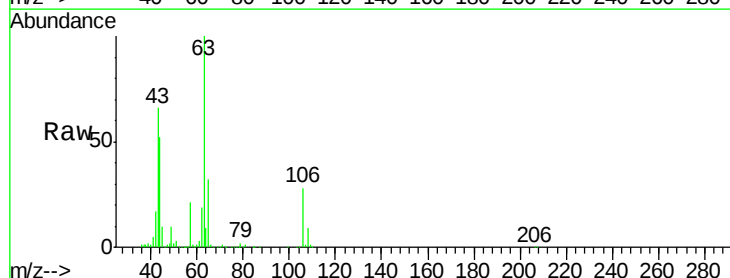
Acq: 09 May 2018 22:25

Tgt Ion: 63 Resp: 285614

Ion Ratio Lower Upper

63 100

106 28.5 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

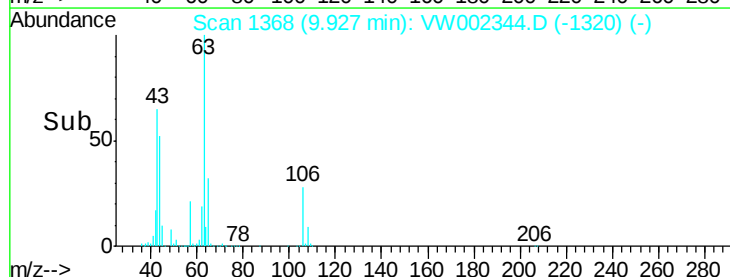
150000

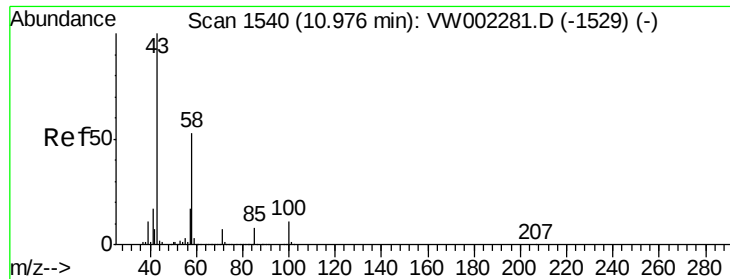
100000

50000

0

Time-->

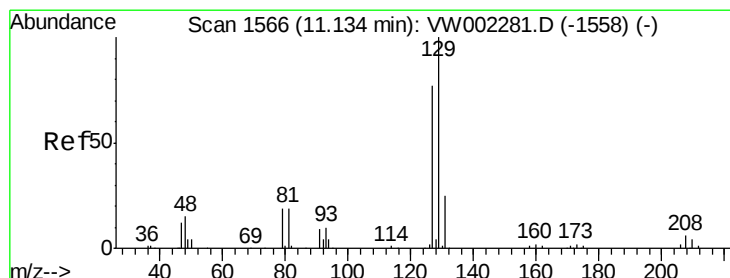
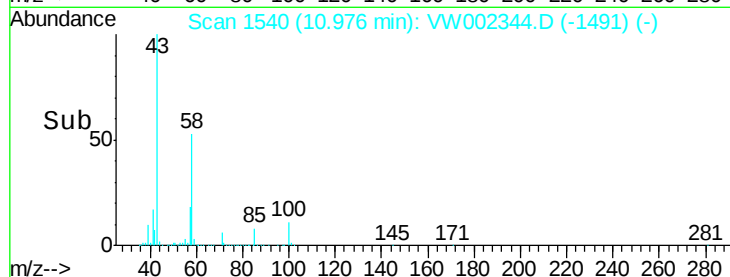
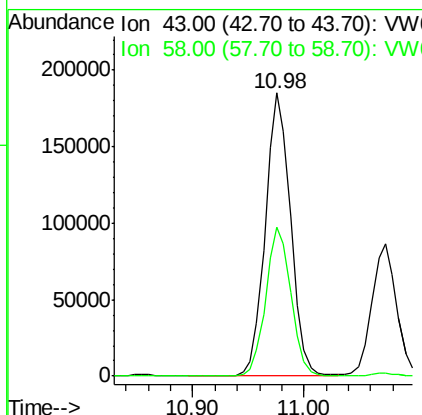
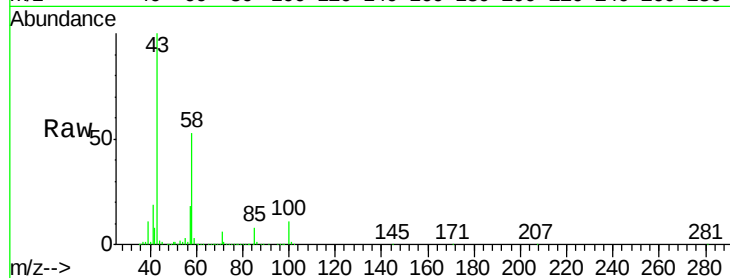




#59
2-Hexanone
Concen: 285.56 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

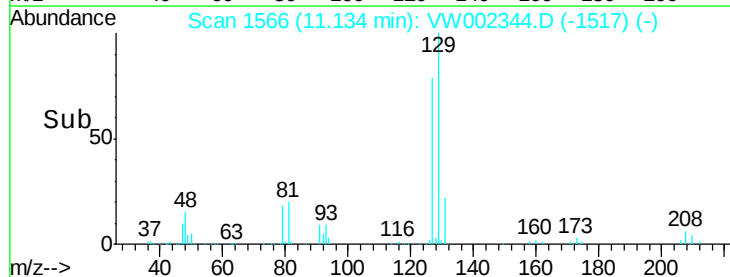
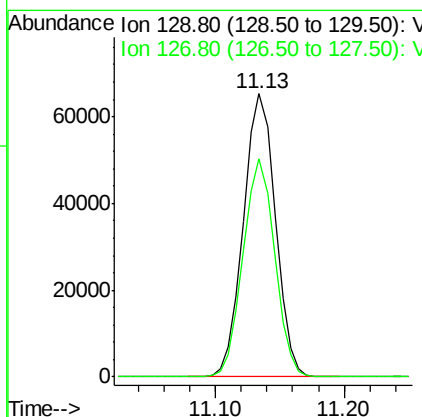
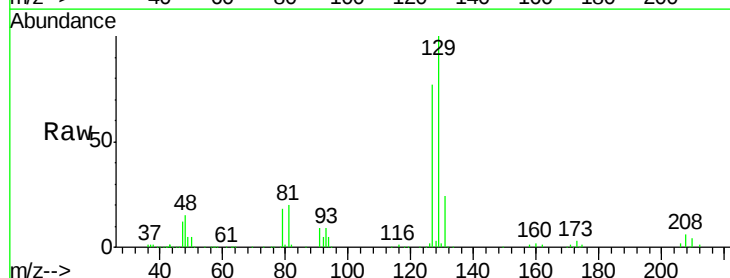
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

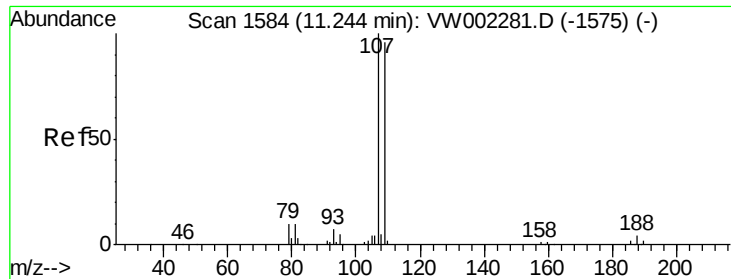
Tot Ion: 43 Resp: 293359
Ion Ratio Lower Upper
43 100
58 52.5 26.0 78.0



#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

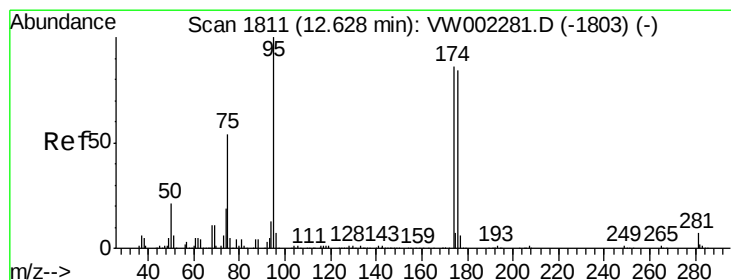
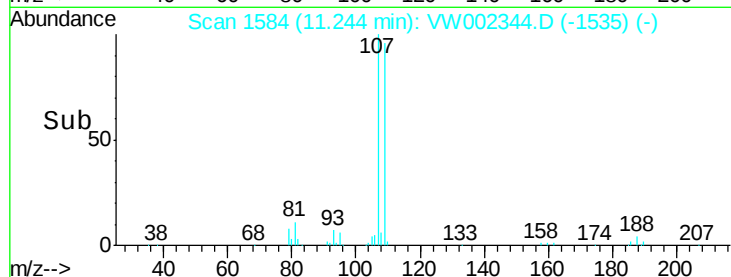
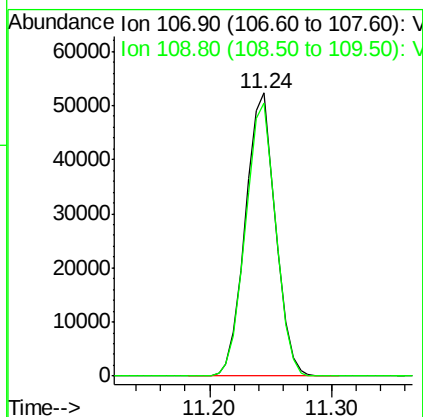
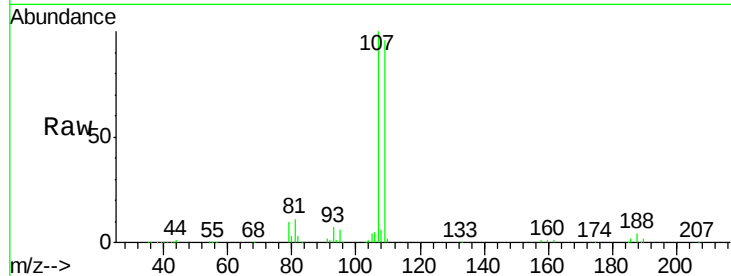




#61
 1,2-Dibromoethane
 Concen: 54.08 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

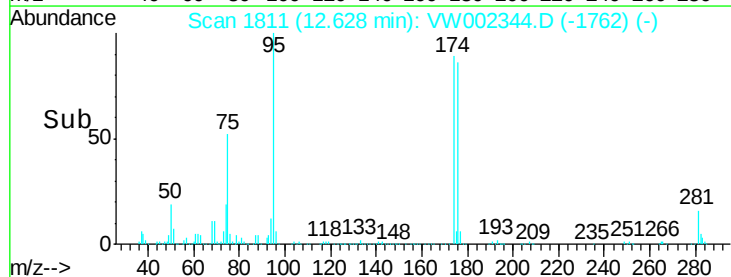
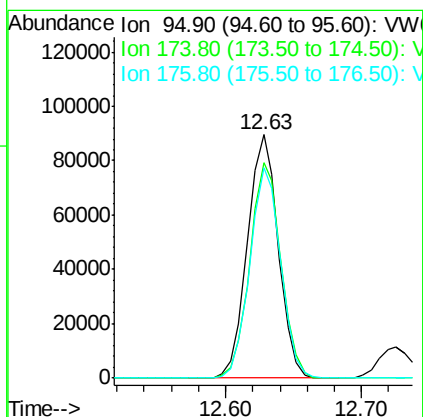
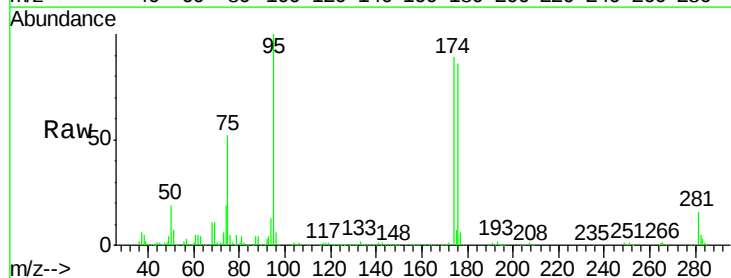
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

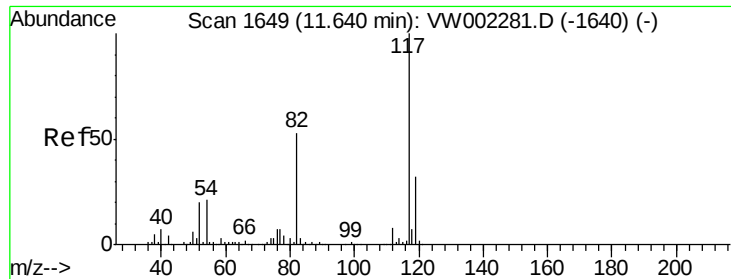
Tot Ion:107 Resp: 89727
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.9 113.9



#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

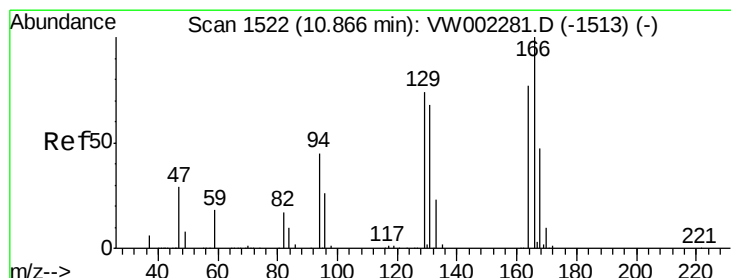
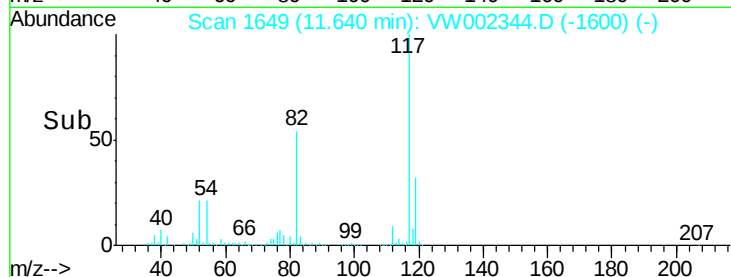
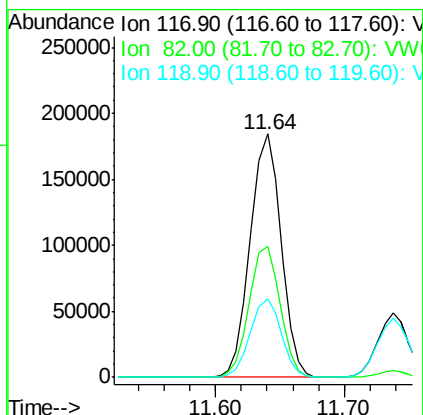
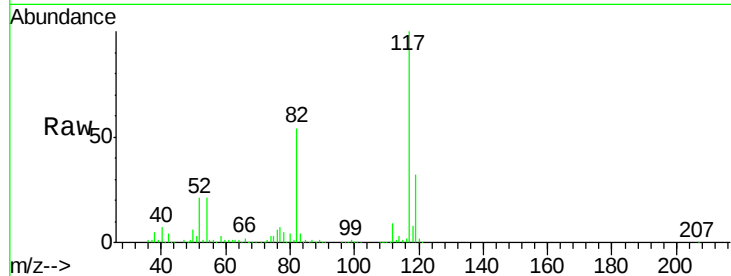




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

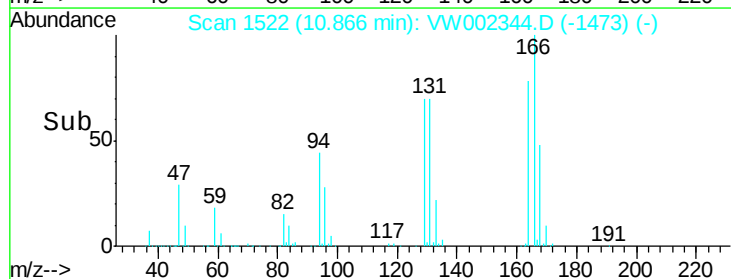
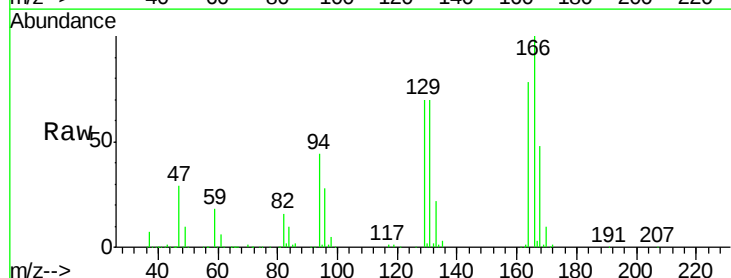
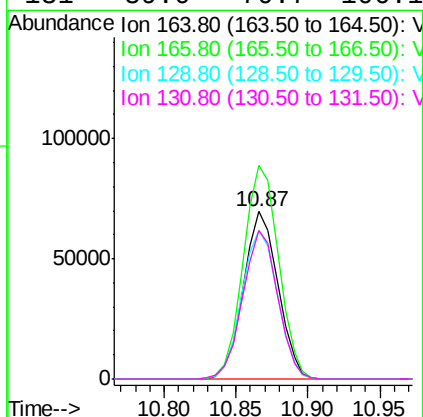
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

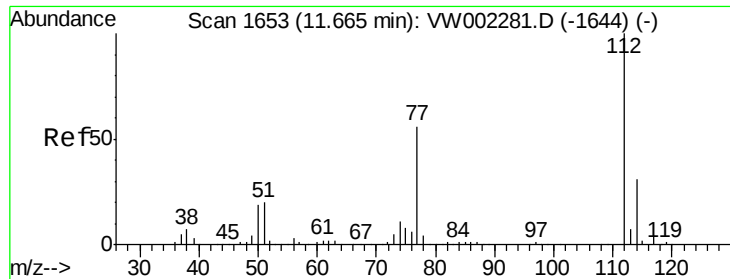
Tot Ion:117 Resp: 305635
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.1 25.2 37.8



#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 :

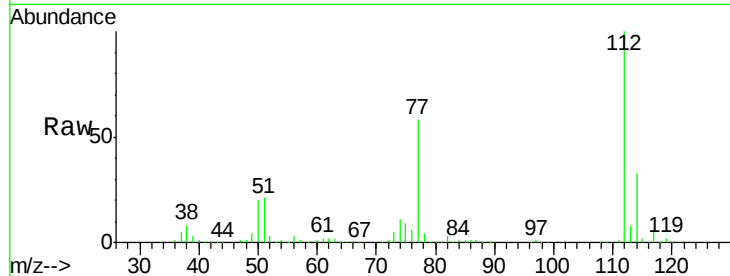
VSTDCCC050

Tot Ion:112 Resp: 325186

Ion Ratio Lower Upper

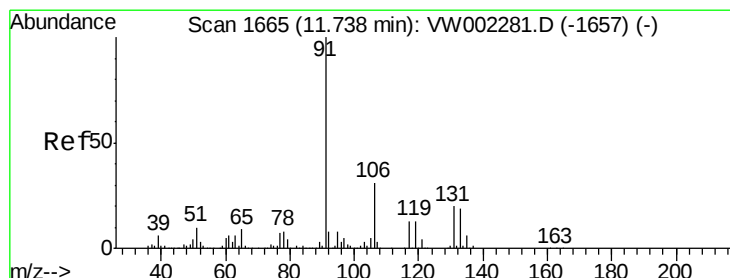
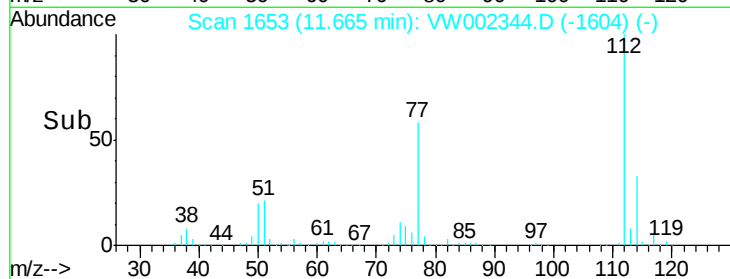
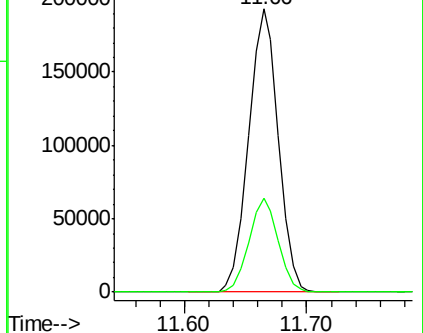
112 100

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

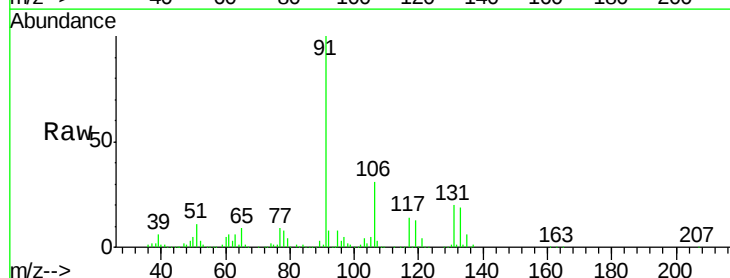
Tgt Ion:131 Resp: 116131

Ion Ratio Lower Upper

131 100

133 97.7 47.8 143.3

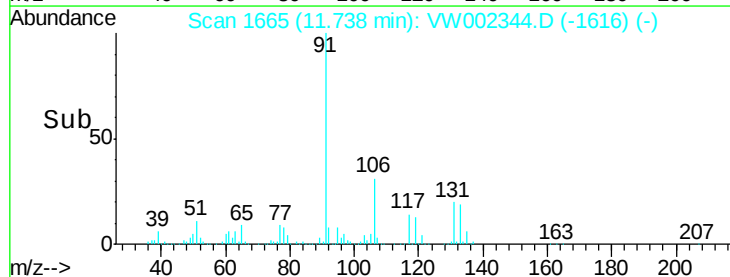
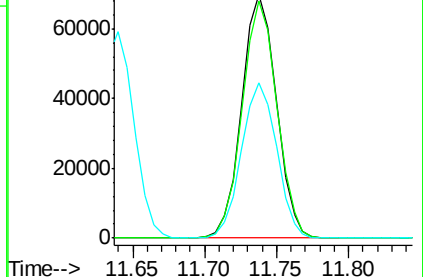
119 64.9 32.0 96.0

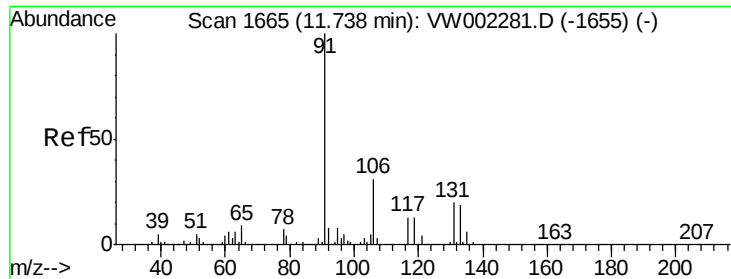


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

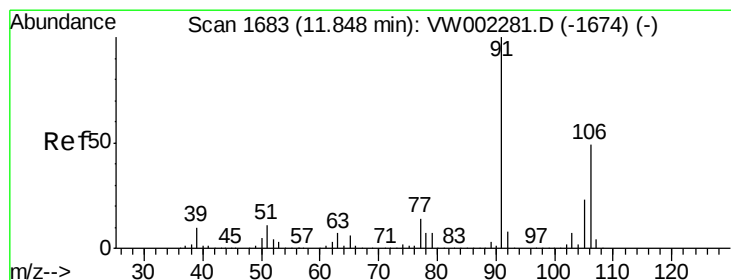
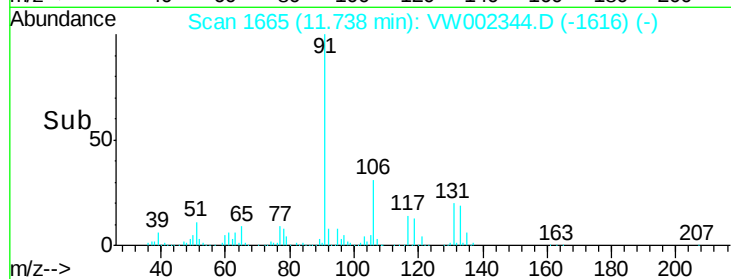
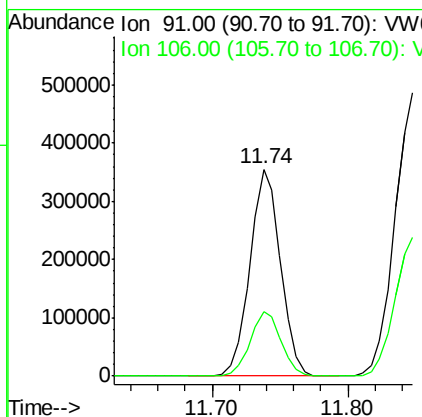
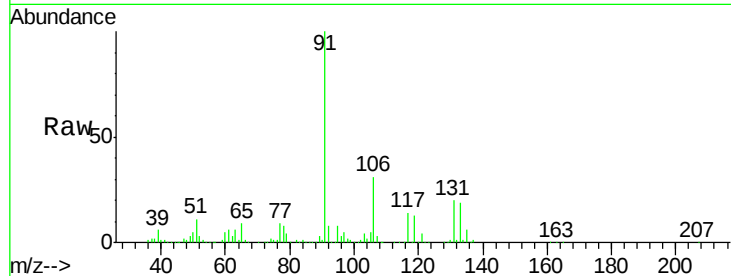




#67
Ethyl Benzene
Concen: 52.04 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

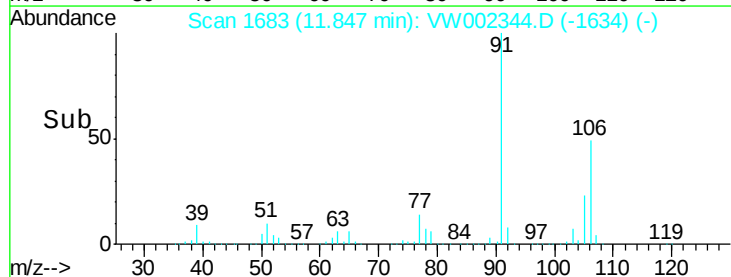
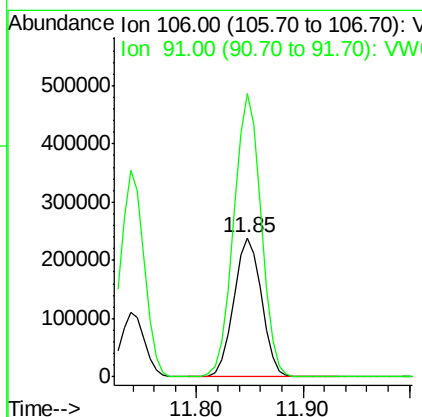
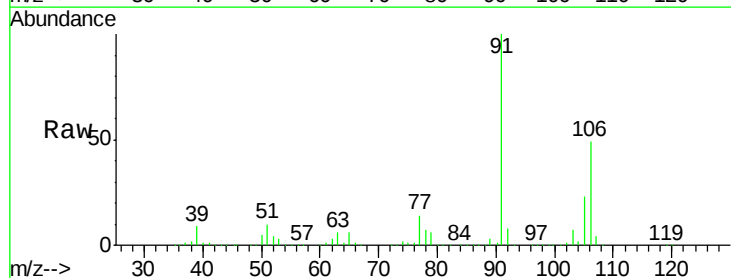
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

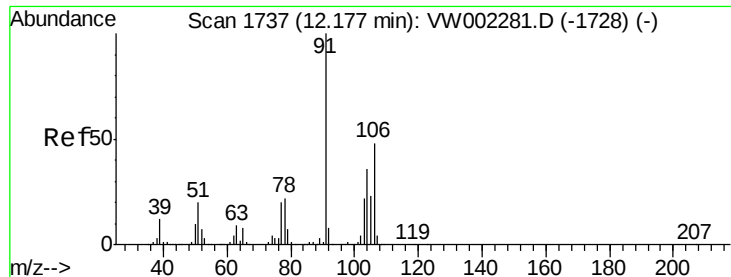
Tot Ion: 91 Resp: 558564
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#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

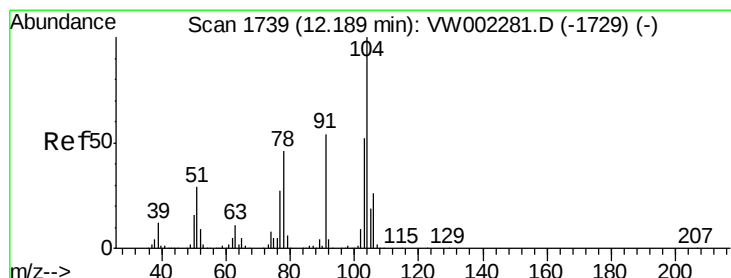
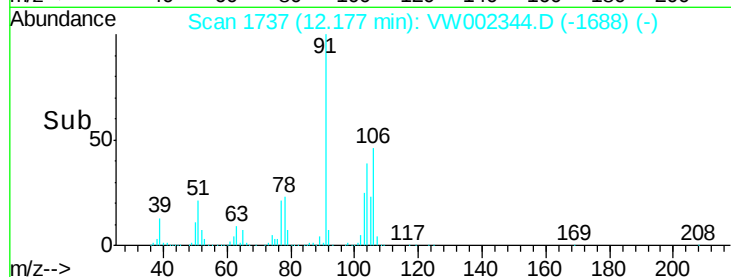
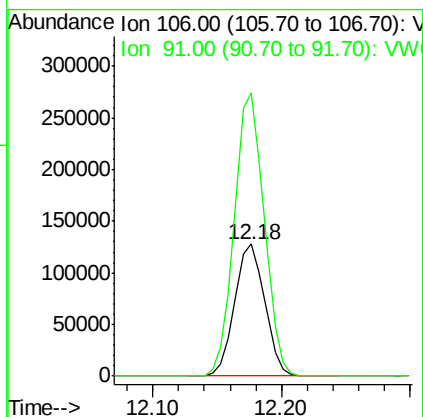
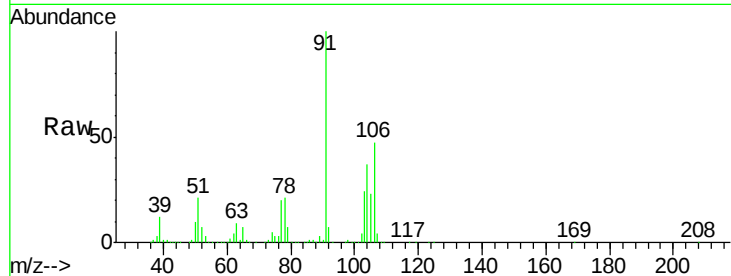




#69
o-Xylene
Concen: 52.73 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

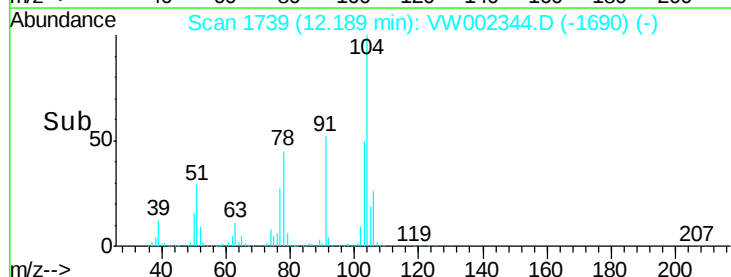
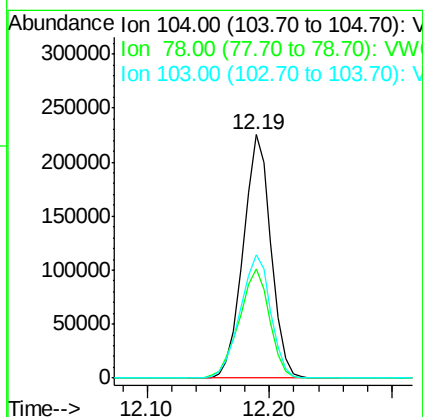
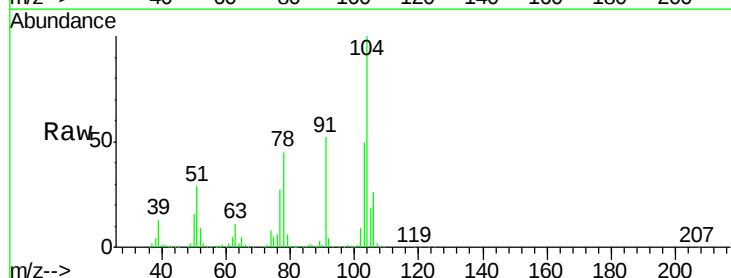
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

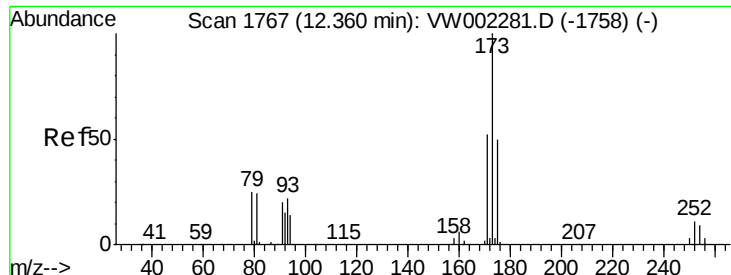
Tot Ion:106 Resp: 207696
Ion Ratio Lower Upper
106 100
91 213.6 107.1 321.1



#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

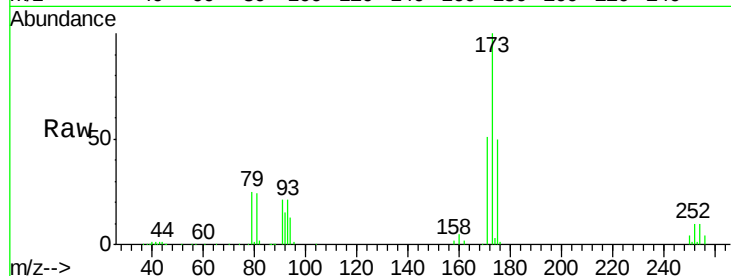
Tot Ion:173 Resp: 71388

Ion Ratio Lower Upper

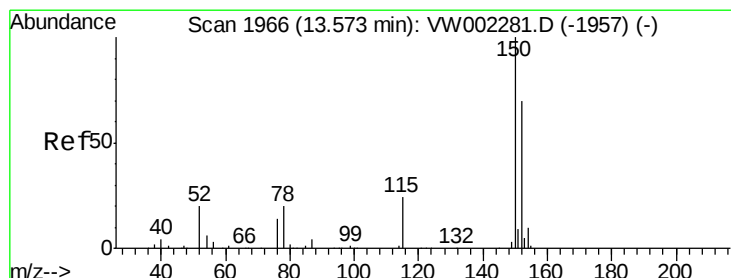
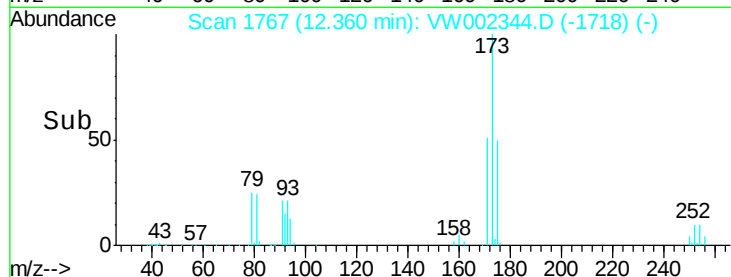
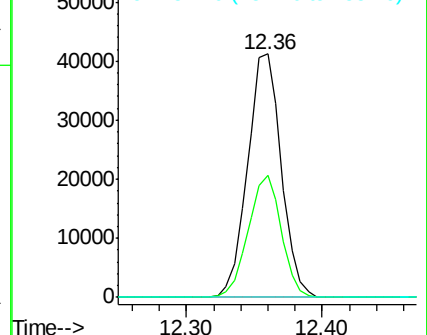
173 100

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

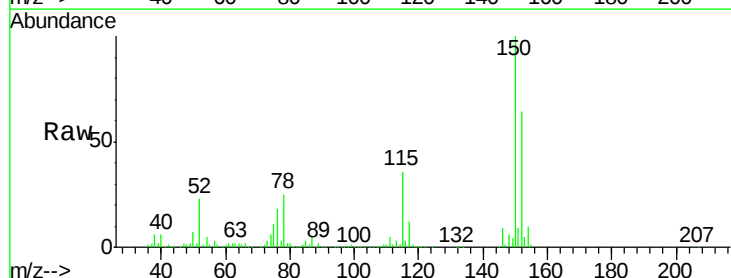
Tgt Ion:152 Resp: 167216

Ion Ratio Lower Upper

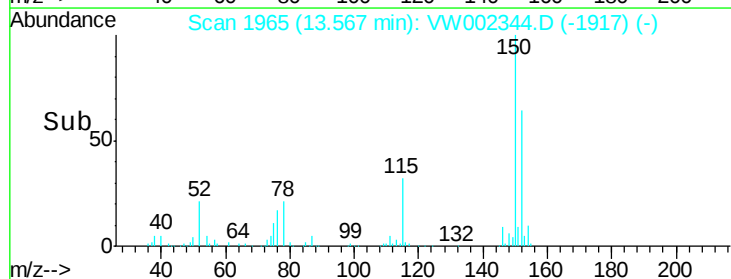
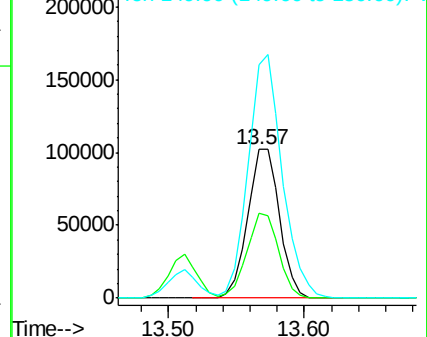
152 100

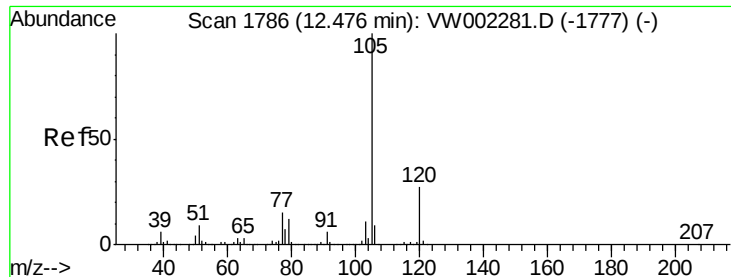
115 56.7 28.5 85.5

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 :

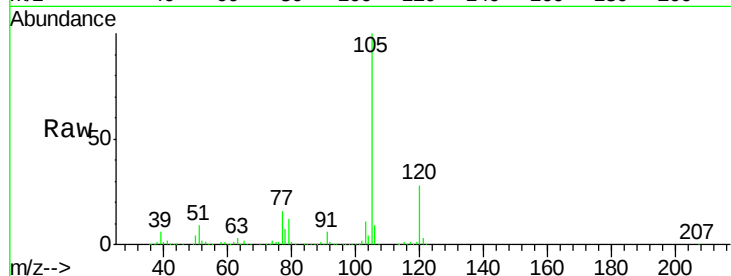
VSTDCCC050

Tot 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

12.48

400000

300000

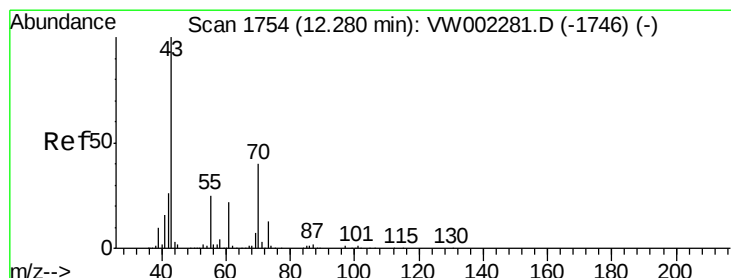
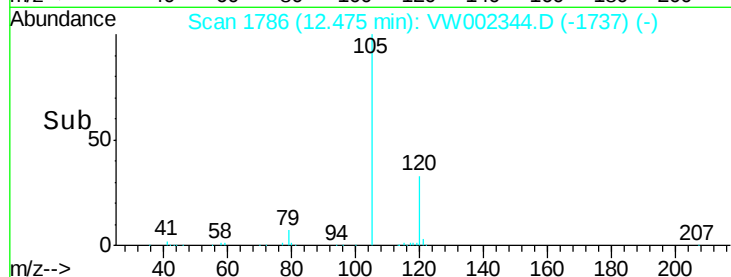
200000

100000

0

Time-->

12.40 12.50



#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

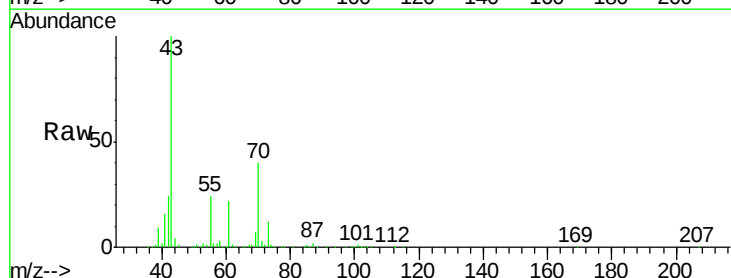
Ion Ratio Lower Upper

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

12.28

150000

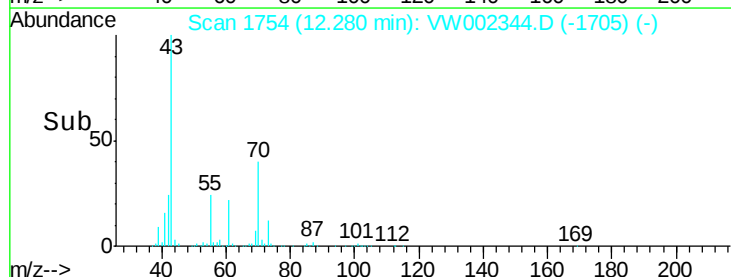
100000

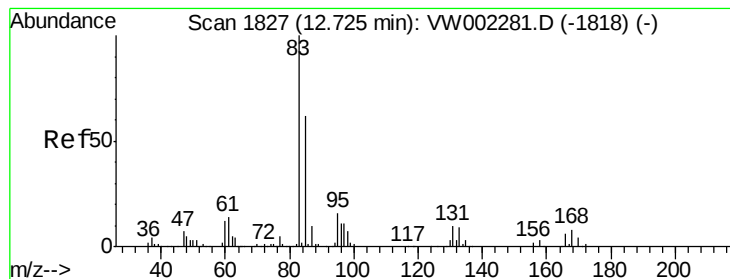
50000

0

Time-->

12.20 12.30





#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

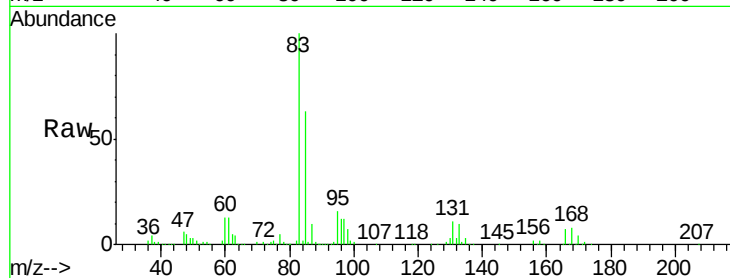
Tot Ion: 83 Resp: 114602

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

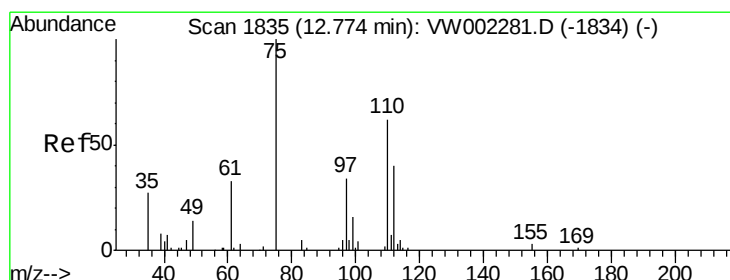
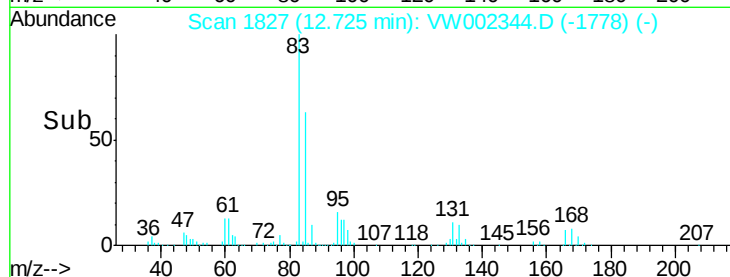
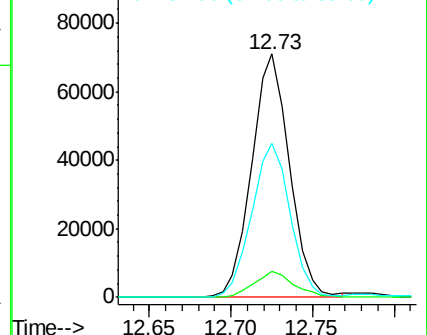
85 64.0 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 47.00 ug/l m

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW002344.D

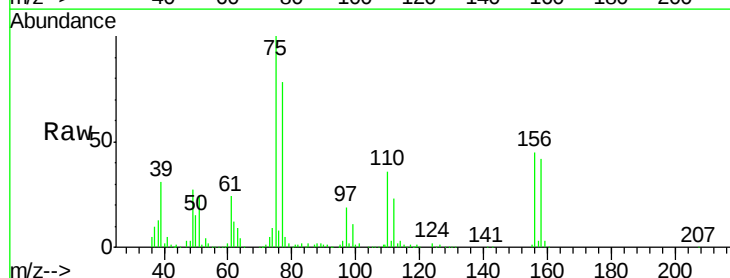
Acq: 09 May 2018 22:25

Tgt Ion: 75 Resp: 69693

Ion Ratio Lower Upper

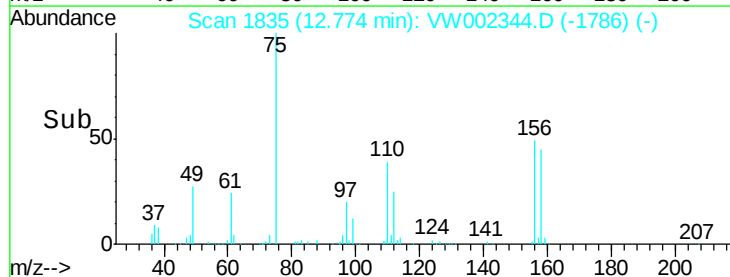
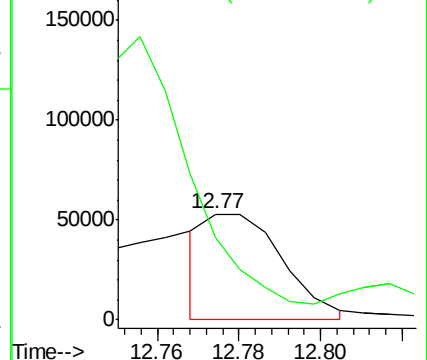
75 100

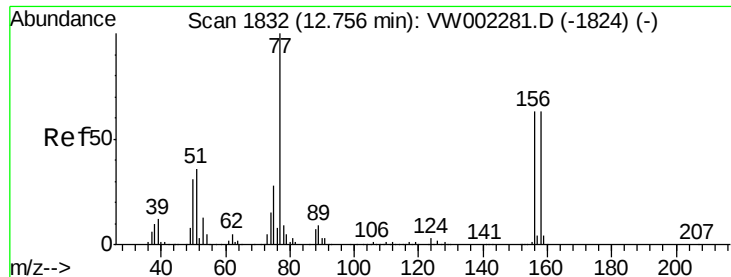
77 366.0 187.5 562.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

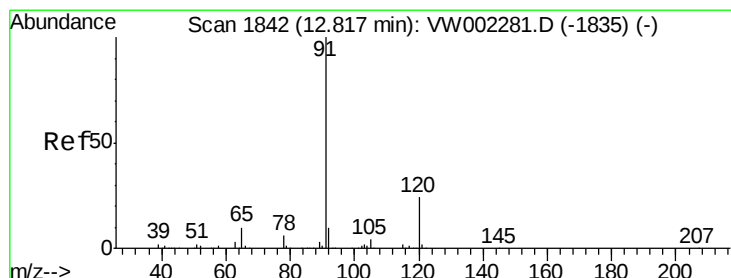
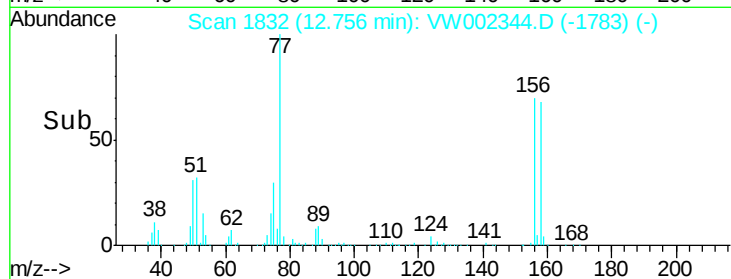
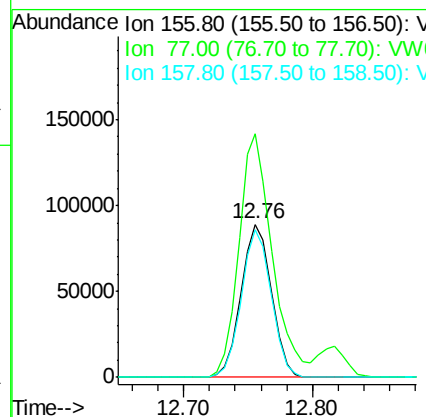
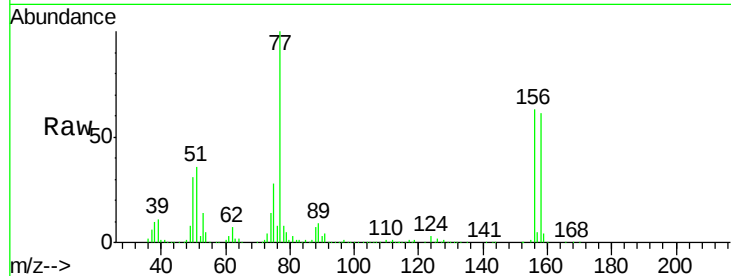




#77
Bromobenzene
Concen: 53.08 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

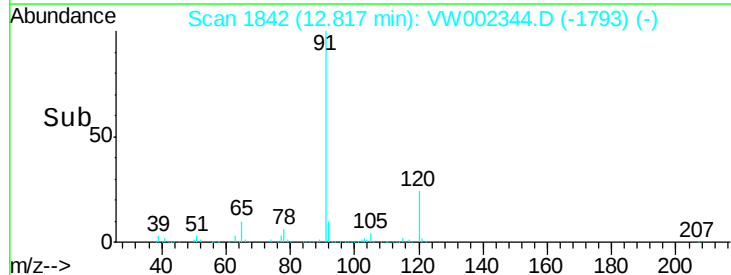
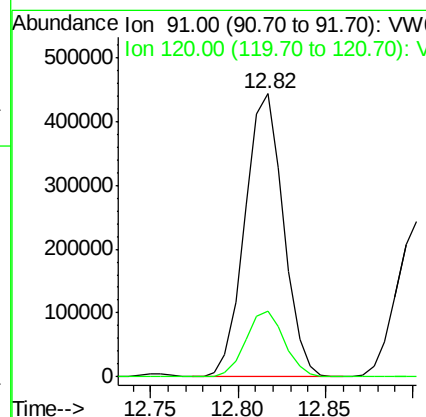
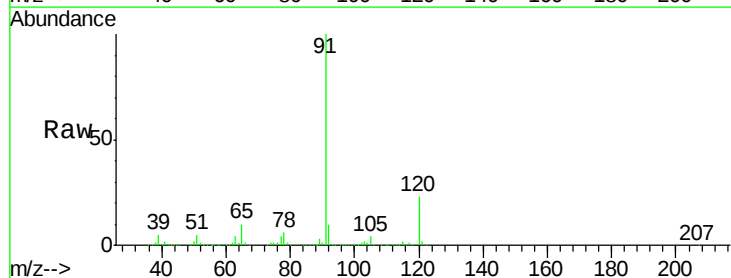
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

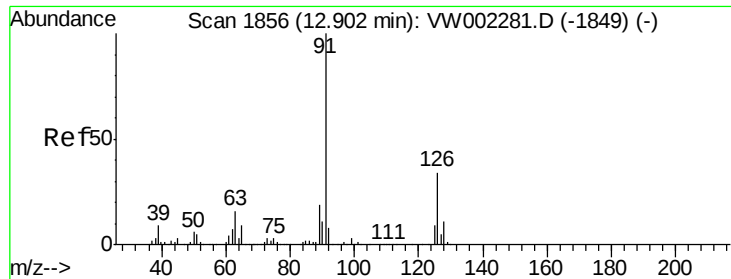
Tot Ion:156 Resp: 145312
Ion Ratio Lower Upper
156 100
77 175.5 87.7 263.1
158 95.2 48.6 145.8



#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

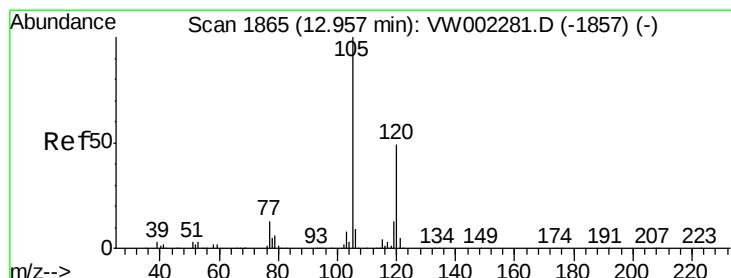
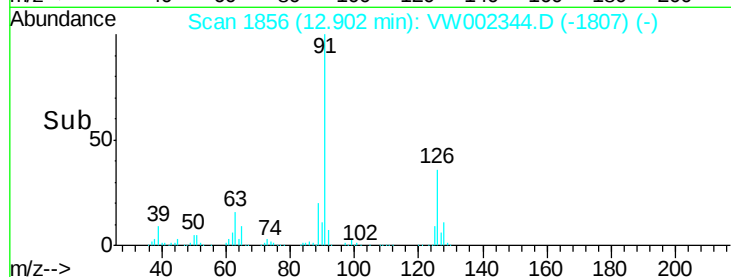
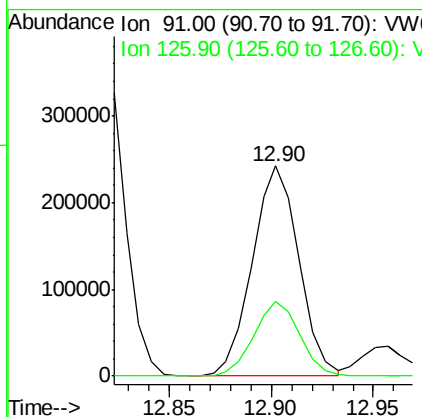
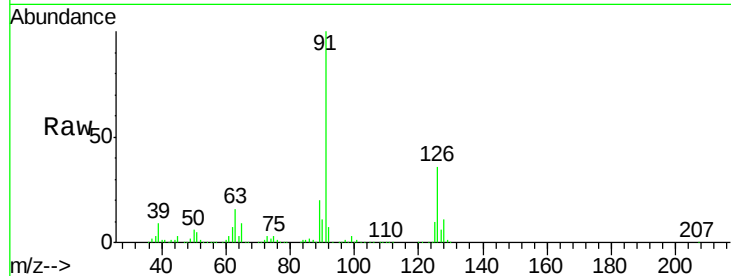




#79
 2-Chlorotoluene
 Concen: 51.81 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

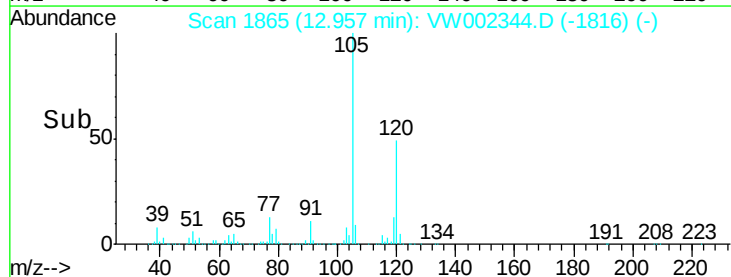
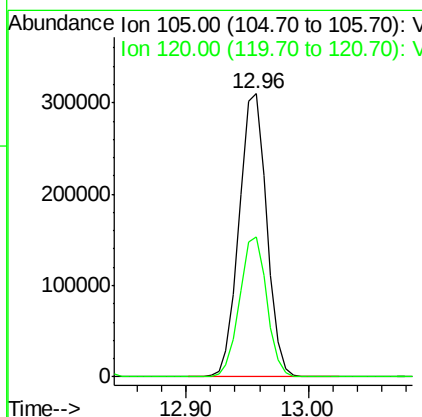
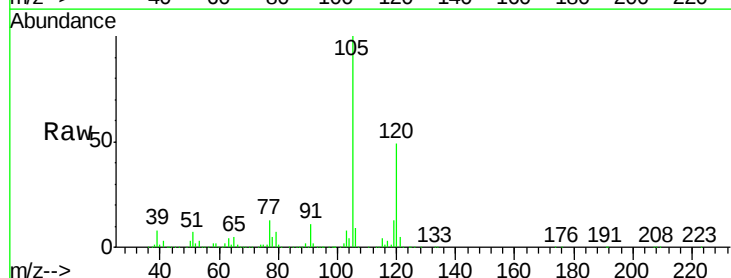
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

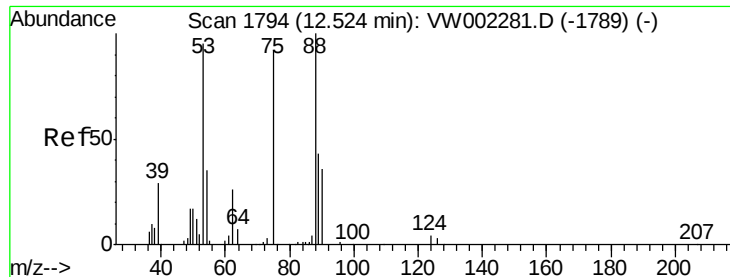
Tot Ion: 91 Resp: 384126
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.2 51.6



#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

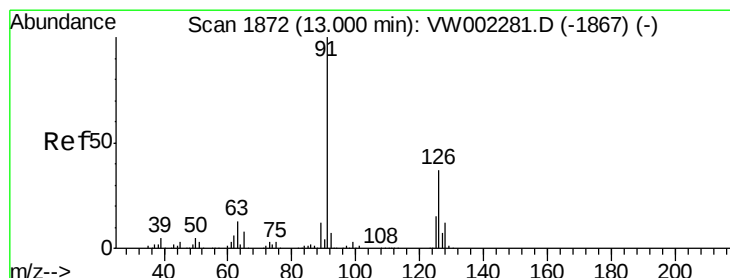
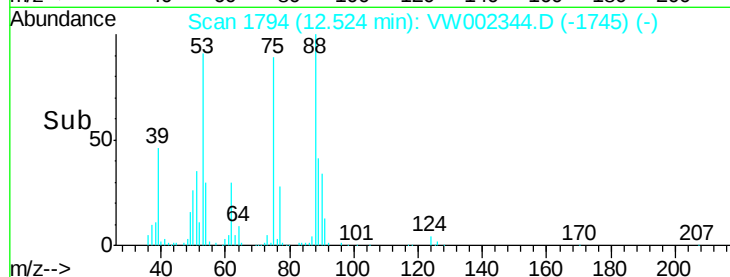
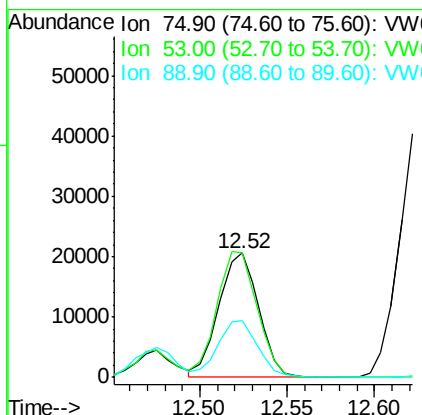
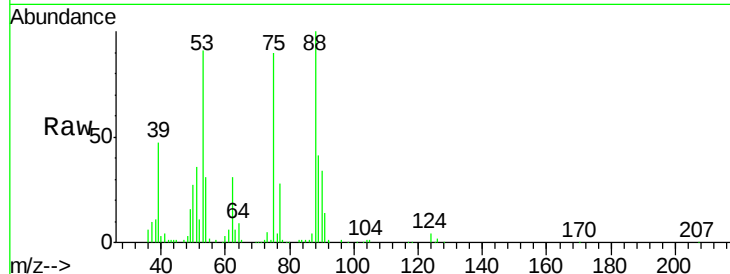




#81
trans-1,4-Dichloro-2-butene
Concen: 57.12 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW002344.D
Acq: 09 May 2018 22:25

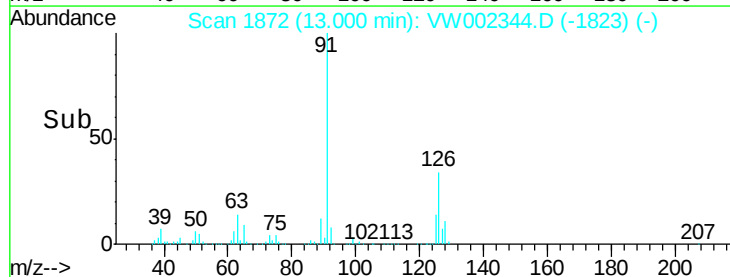
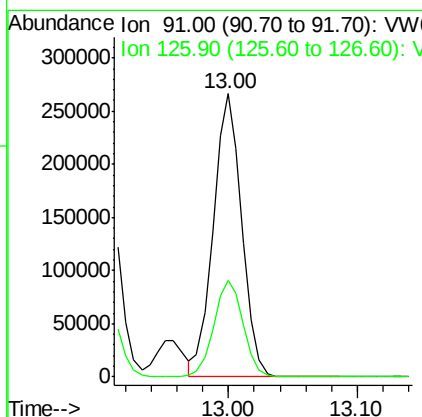
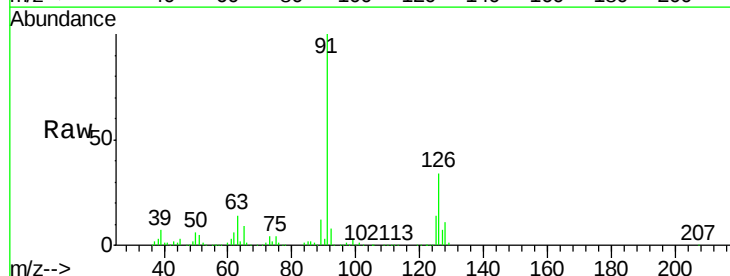
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

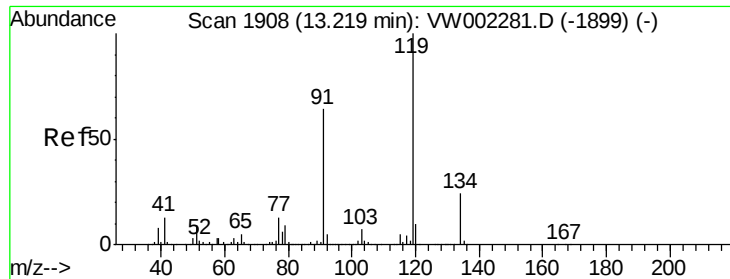
Tot Ion: 75 Resp: 32154
Ion Ratio Lower Upper
75 100
53 104.8 79.9 119.9
89 46.7 37.6 56.4



#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

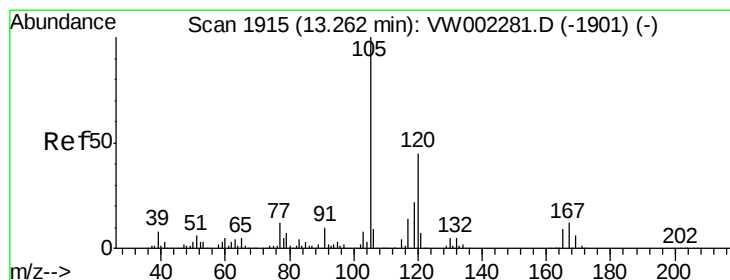
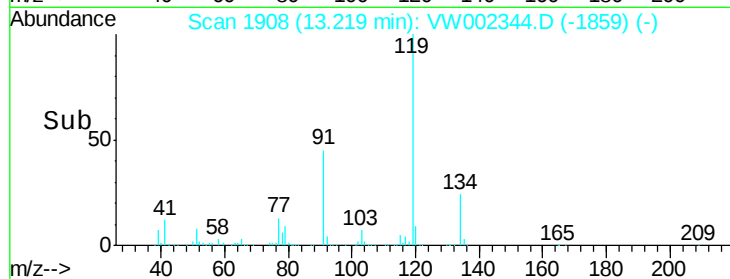
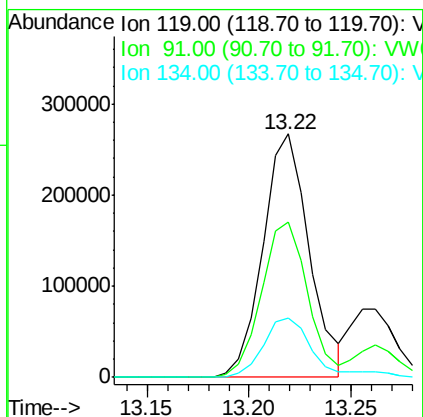
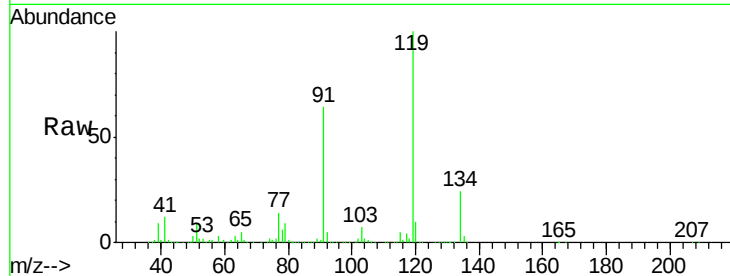




#83
 tert-Butylbenzene
 Concen: 53.75 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

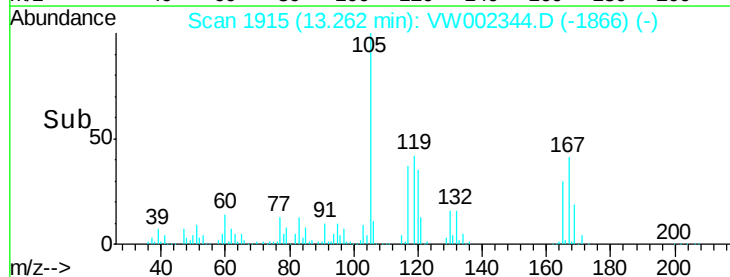
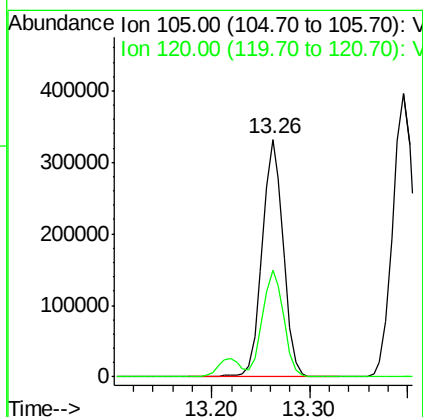
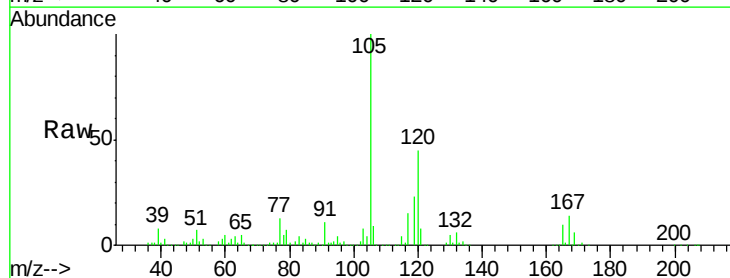
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

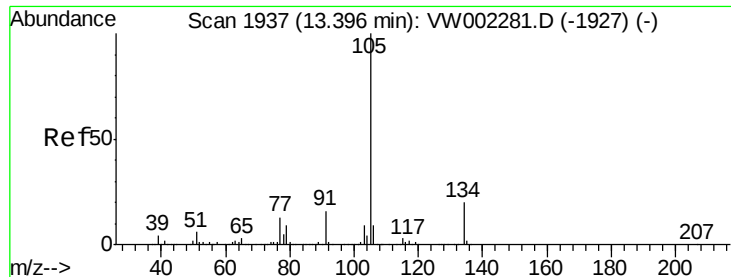
Tot Ion:119 Resp: 422811
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.6 94.8
 134 26.4 13.1 39.3



#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

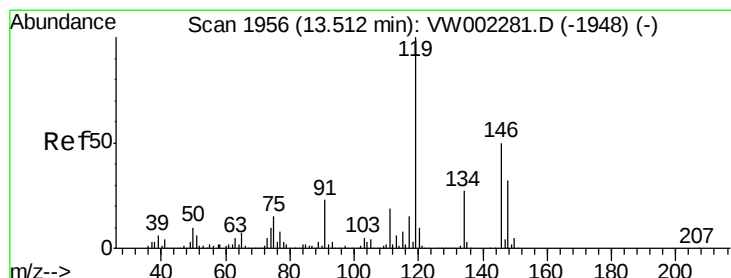
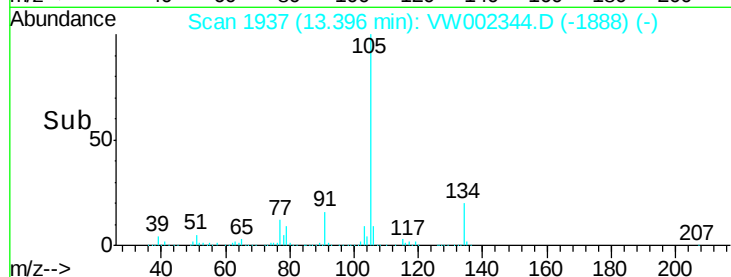
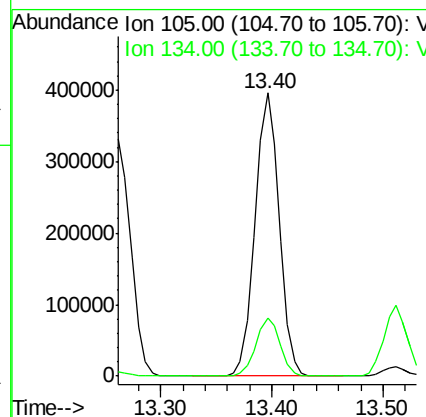
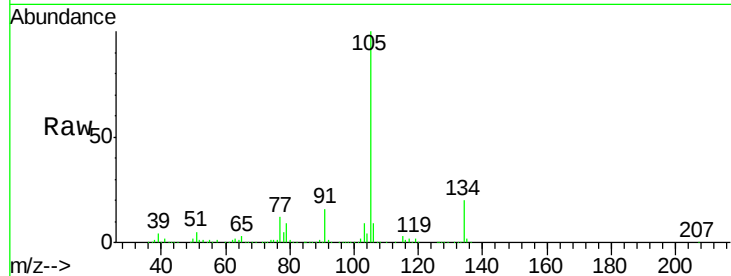




#85
 sec-Butylbenzene
 Concen: 53.22 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

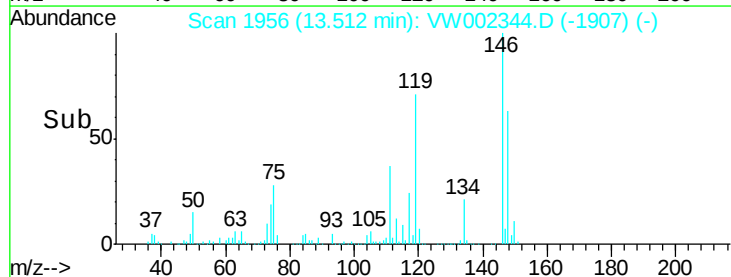
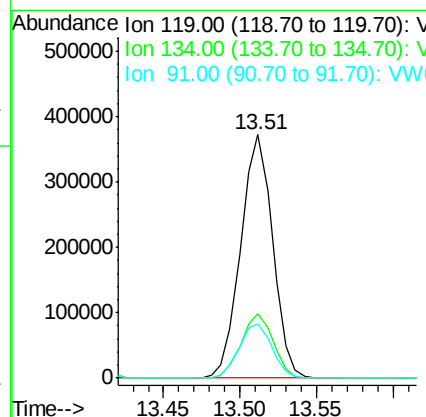
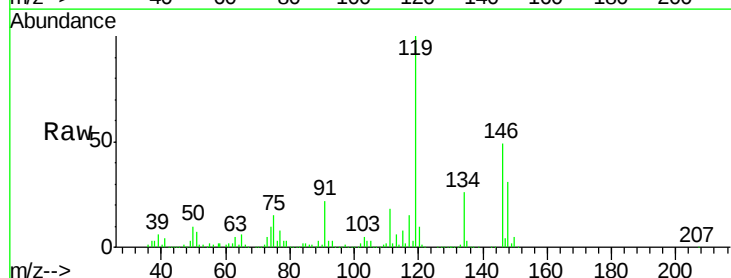
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

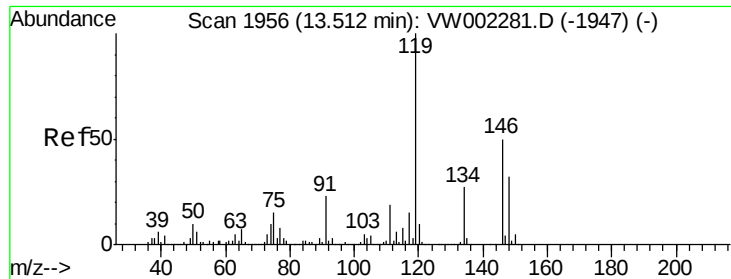
Tot Ion:105 Resp: 597740
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#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

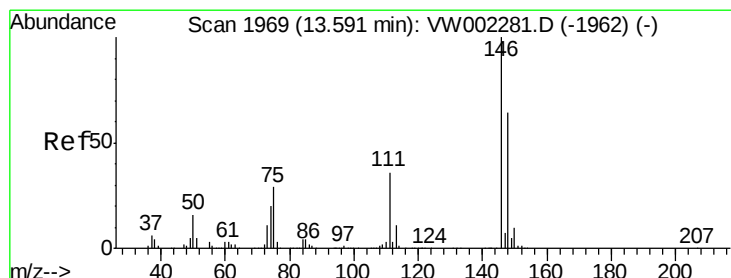
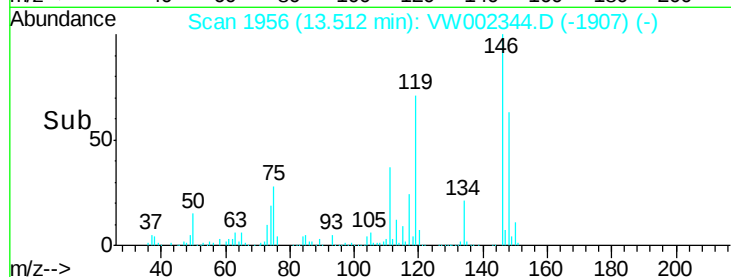
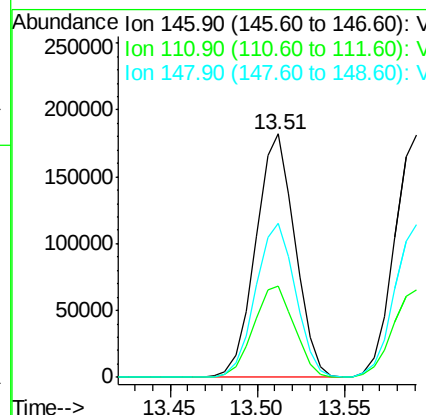
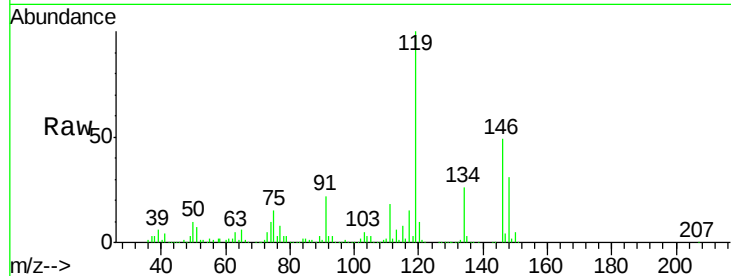




#87
 1,3-Dichlorobenzene
 Concen: 52.38 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

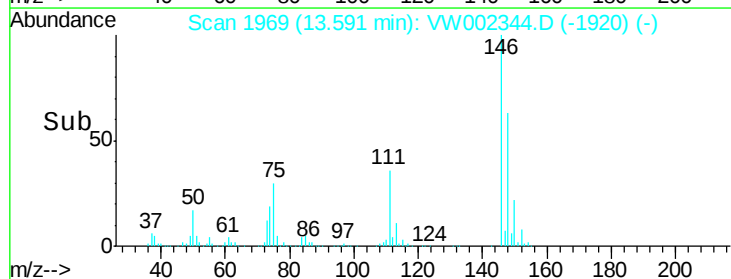
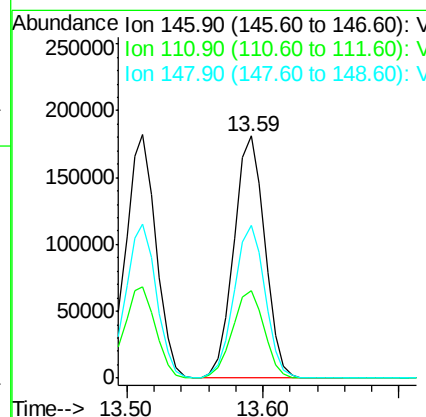
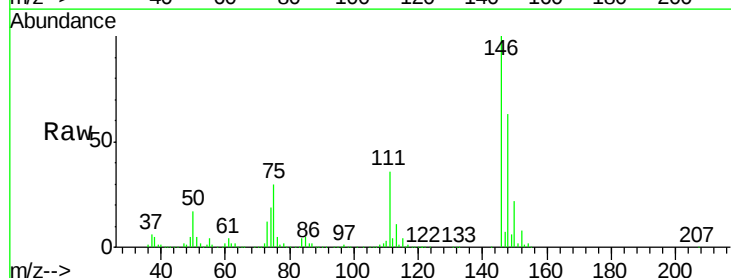
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

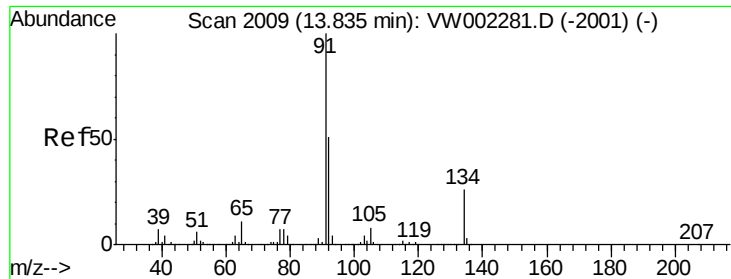
Tot Ion:146 Resp: 283860
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.8
 148 64.3 31.6 95.0



#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

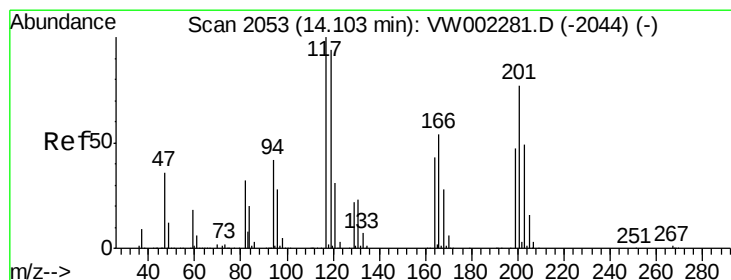
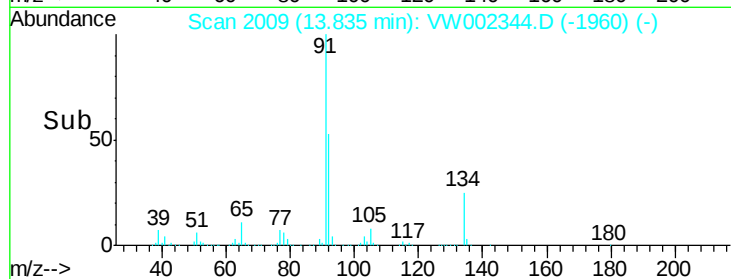
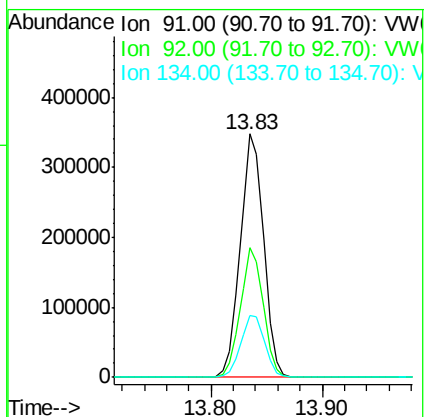
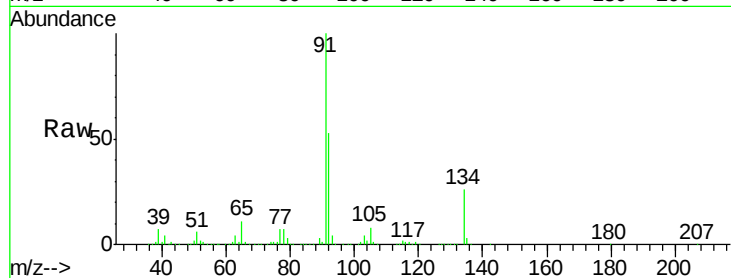
Tot Ion: 91 Resp: 503223

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

134 26.2 13.1 39.1



#90

Hexachloroethane

Concen: 53.10 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW002344.D

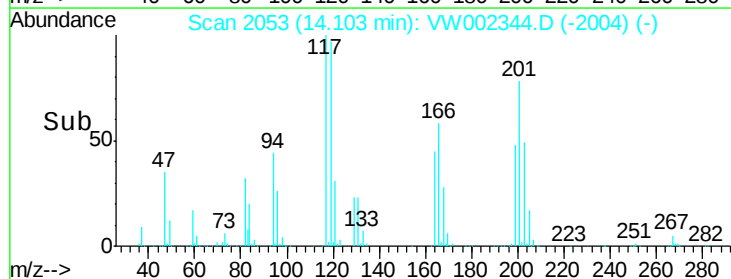
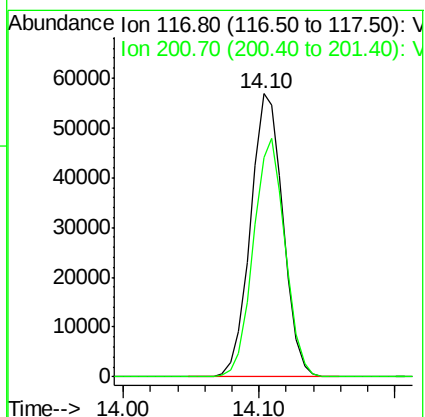
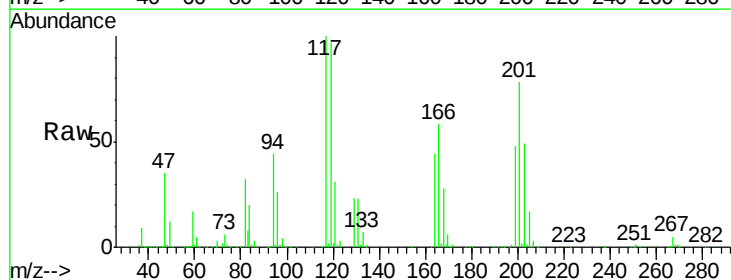
Acq: 09 May 2018 22:25

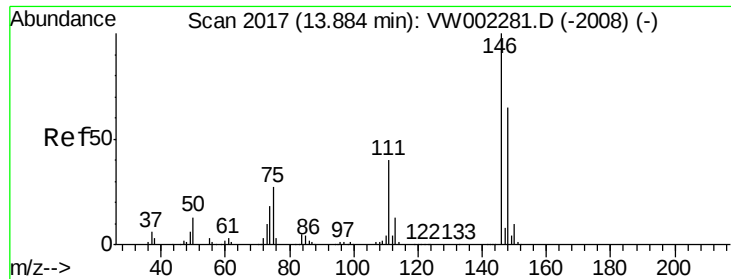
Tgt Ion: 117 Resp: 95344

Ion Ratio Lower Upper

117 100

201 82.2 42.2 126.6





#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

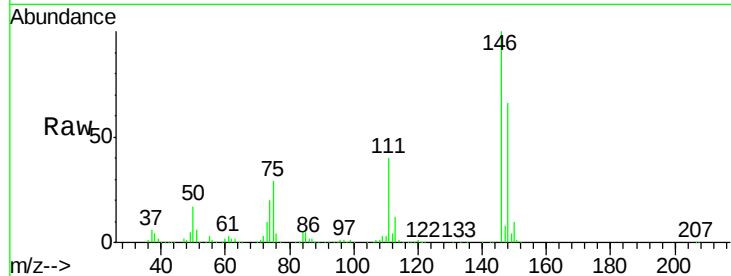
Tot Ion:146 Resp: 258639

Ion Ratio Lower Upper

146 100

111 40.0 20.0 59.9

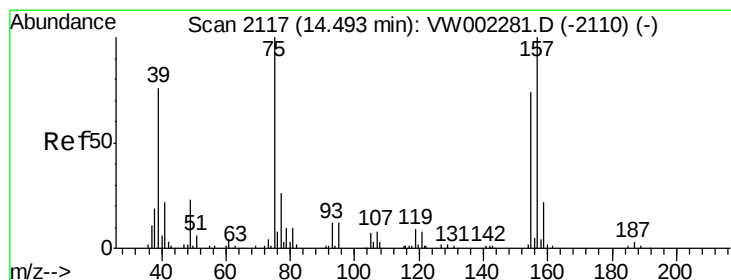
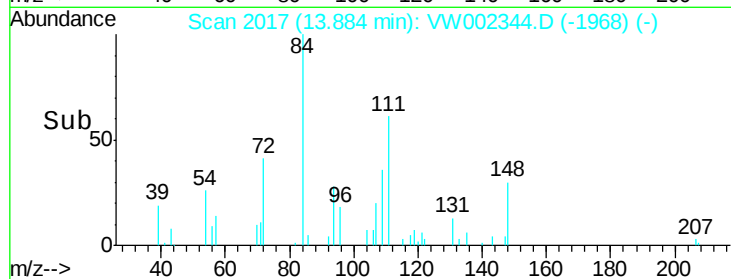
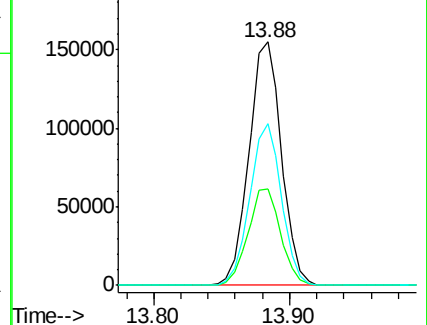
148 64.9 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

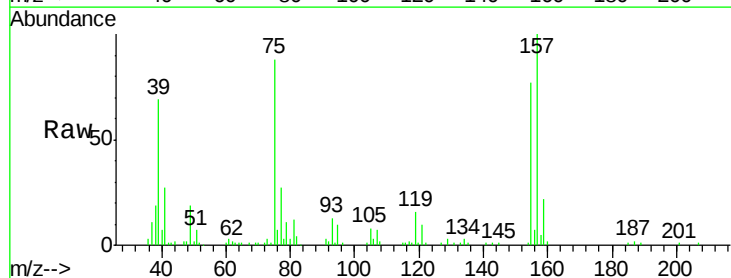
Tgt Ion: 75 Resp: 19476

Ion Ratio Lower Upper

75 100

155 95.0 43.3 129.8

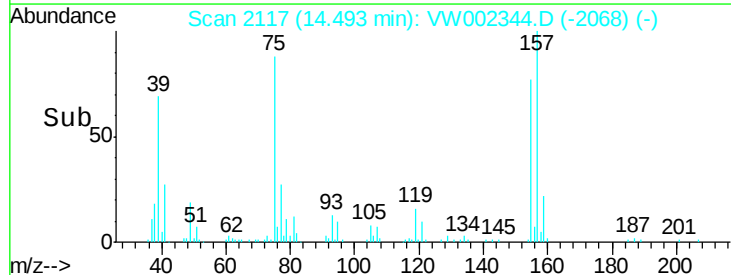
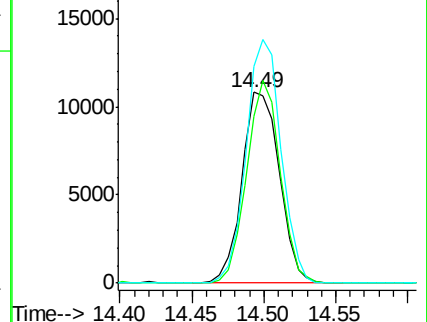
157 118.5 55.8 167.4

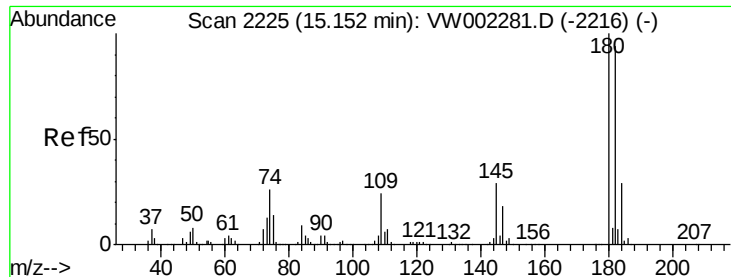


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

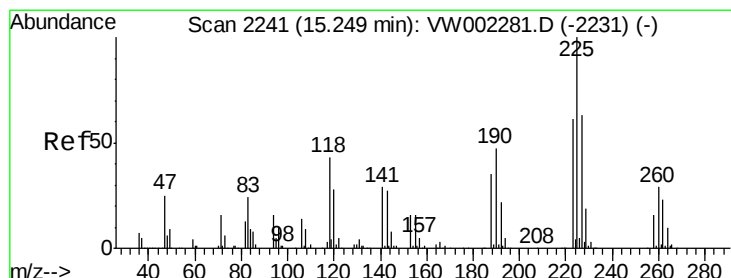
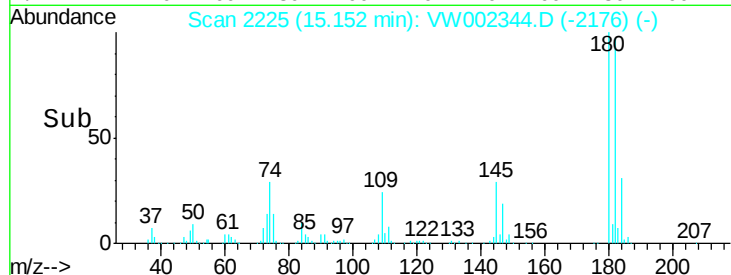
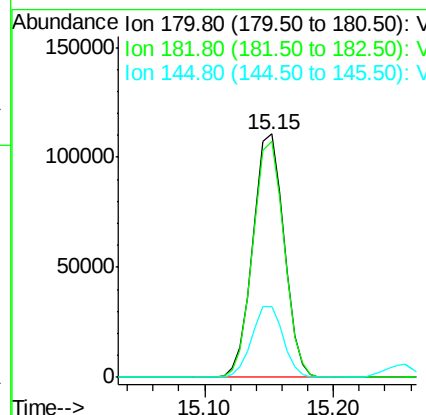
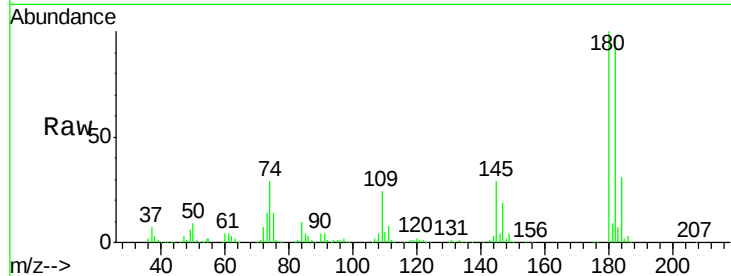




#93
 1,2,4-Trichlorobenzene
 Concen: 52.51 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002344.D
 Acq: 09 May 2018 22:25

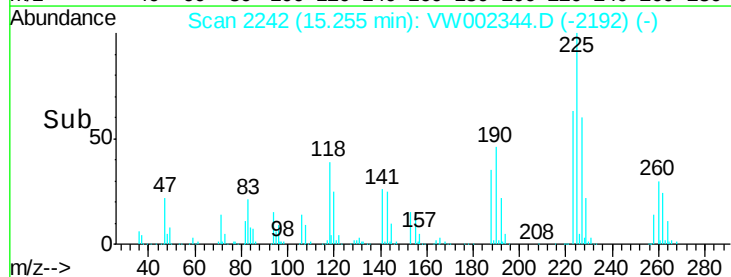
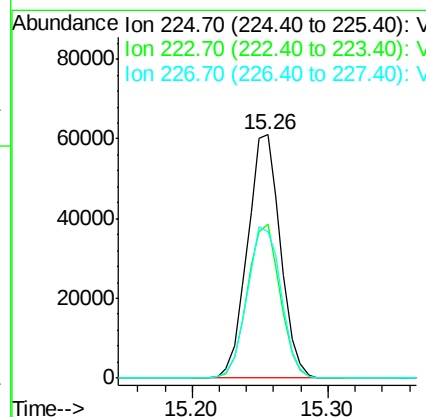
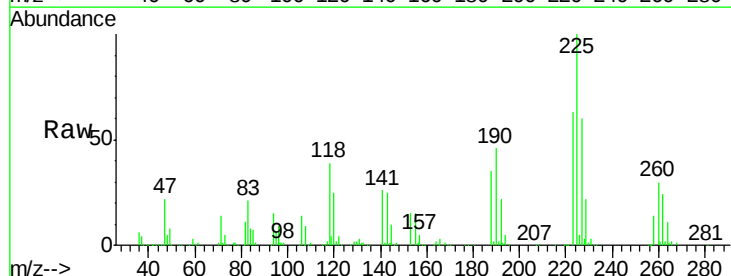
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

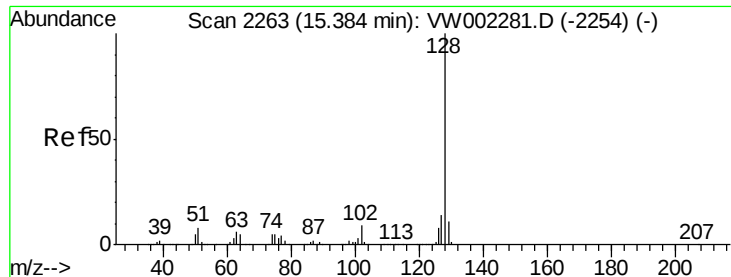
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.3	141.8
145	29.5	14.5	43.6



#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	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	64.1	32.0	96.0





#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

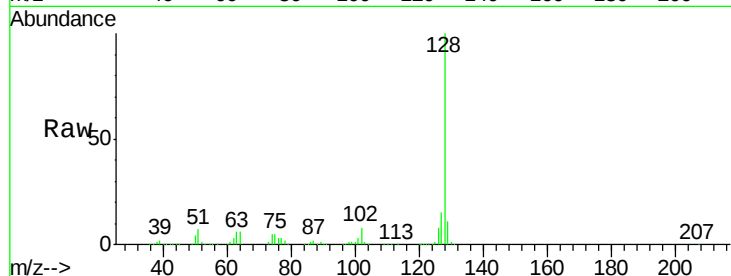
Tot Ion:128 Resp: 364129

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

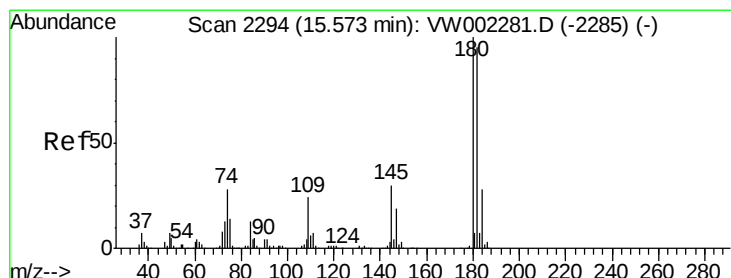
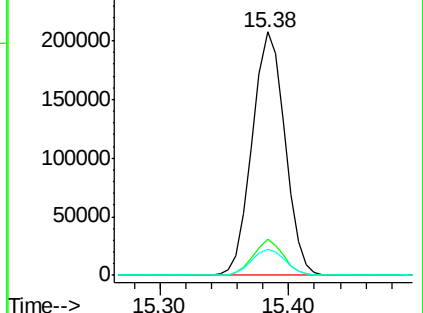
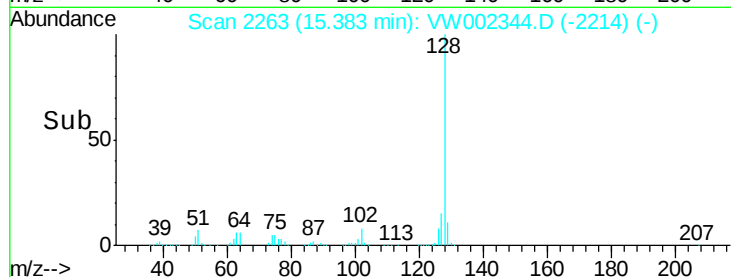
129 11.0 8.7 13.1



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

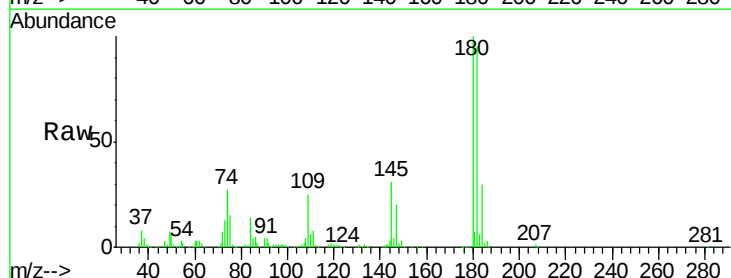
Tgt Ion:180 Resp: 171206

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

