

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002281.D
 Acq On : 08 May 2018 01:01
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: May 08 03:31:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:17:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	359814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	337873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185810	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124625	61.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.26%	
35) Dibromofluoromethane	7.88	113	119042	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.33	98	450756	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.63	95	162757	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45480	25.31	ug/l	100
3) Chloromethane	2.21	50	87175	51.59	ug/l	100
4) Vinyl Chloride	2.36	62	146313	77.10	ug/l	100
5) Bromomethane	2.78	94	112277	74.33	ug/l	100
6) Chloroethane	2.92	64	95145	83.01	ug/l	100
7) Trichlorofluoromethane	3.25	101	61161	19.35	ug/l	100
8) Diethyl Ether	3.67	74	65470	72.35	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	105676	49.95	ug/l	100
10) Methyl Iodide	4.26	142	173247	73.22	ug/l	100
11) Tert butyl alcohol	5.18	59	41025	326.11	ug/l	100
12) 1,1-Dichloroethene	4.03	96	103665	56.67	ug/l	100
13) Acrolein	3.88	56	35406	348.93	ug/l	100
14) Allyl chloride	4.65	41	155379	68.18	ug/l	100
15) Acrylonitrile	5.36	53	128793	376.36	ug/l	100
16) Acetone	4.12	43	112803	280.28	ug/l	100
17) Carbon Disulfide	4.37	76	305404	53.20	ug/l	100
18) Methyl Acetate	4.67	43	69298	78.32	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	183918	49.53	ug/l	100
20) Methylene Chloride	4.91	84	109811	48.30	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	113851	55.78	ug/l	100
22) Diisopropyl ether	6.31	45	338093	74.31	ug/l	100
23) Vinyl Acetate	6.25	43	1029959	425.20	ug/l	100
24) 1,1-Dichloroethane	6.21	63	202760	61.08	ug/l	100
25) 2-Butanone	7.17	43	175570	391.95	ug/l	100
26) 2,2-Dichloropropane	7.16	77	100035	32.25	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	125890	58.27	ug/l	100
28) Bromochloromethane	7.51	49	88236	75.69	ug/l	100
29) Tetrahydrofuran	7.53	42	114199	438.50	ug/l	100
30) Chloroform	7.68	83	212501	55.35	ug/l	100
31) Cyclohexane	7.95	56	175254	58.27	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	161714	43.89	ug/l	100
36) 1,1-Dichloropropene	8.08	75	162310	48.72	ug/l	100
37) Ethyl Acetate	7.26	43	78452	74.20	ug/l	100
38) Carbon Tetrachloride	8.07	117	157474	39.09	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191133	50.40	ug/l	100
40) Benzene	8.32	78	473083	51.45	ug/l	100
41) Methacrylonitrile	7.48	41	49254	84.03	ug/l	100
42) 1,2-Dichloroethane	8.40	62	145161	51.20	ug/l	100
43) Isopropyl Acetate	8.43	43	151238	72.08	ug/l	100
44) Trichloroethene	9.09	130	127066	43.76	ug/l	100
45) 1,2-Dichloropropane	9.37	63	117467	56.07	ug/l	100
46) Dibromomethane	9.46	93	65990	55.30	ug/l	100
47) Bromodichloromethane	9.65	83	157613	49.33	ug/l	100
48) Methyl methacrylate	9.44	41	74053	72.88	ug/l	100
49) 1,4-Dioxane	9.45	88	20490	1118.70	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	411445	389.89	ug/l	100
52) Toluene	10.40	92	303578	50.05	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	155384	53.85	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	176417	53.32	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	92327	52.72	ug/l	100
56) Ethyl methacrylate	10.65	69	118773	65.56	ug/l	100
57) 1,3-Dichloropropane	10.94	76	158446	57.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	284640	360.86	ug/l	100
59) 2-Hexanone	10.98	43	287287	379.74	ug/l	100
60) Dibromochloromethane	11.13	129	110986	47.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91411	56.30	ug/l	100
64) Tetrachloroethene	10.87	164	127460	44.28	ug/l	100
65) Chlorobenzene	11.66	112	342793	47.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	123137	45.26	ug/l	100
67) Ethyl Benzene	11.74	91	591934	50.52	ug/l	100
68) m/p-Xylenes	11.85	106	460913	97.73	ug/l	100
69) o-Xylene	12.18	106	218352	51.43	ug/l	100
70) Styrene	12.19	104	366241	51.81	ug/l	100
71) Bromoform	12.36	173	71013	47.42	ug/l #	100
73) Isopropylbenzene	12.48	105	597750	52.01	ug/l	100
74) N-amyl acetate	12.28	43	150606	80.87	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	113912	65.08	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	69316m	55.11	ug/l	
77) Bromobenzene	12.76	156	148230	49.30	ug/l	100
78) n-propylbenzene	12.82	91	719412	53.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	408158	51.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	509271	50.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31853	68.06	ug/l	100
82) 4-Chlorotoluene	13.00	91	433989	48.76	ug/l	100
83) tert-Butylbenzene	13.22	119	445510	50.59	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	531735	51.56	ug/l	100
85) sec-Butylbenzene	13.40	105	633443	51.87	ug/l	100
86) p-Isopropyltoluene	13.51	119	566578	50.46	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	297717	48.33	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	294594	47.93	ug/l	100
89) n-Butylbenzene	13.84	91	534697	53.18	ug/l	100
90) Hexachloroethane	14.10	117	100508	46.12	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	267060	49.62	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20294	61.89	ug/l	100

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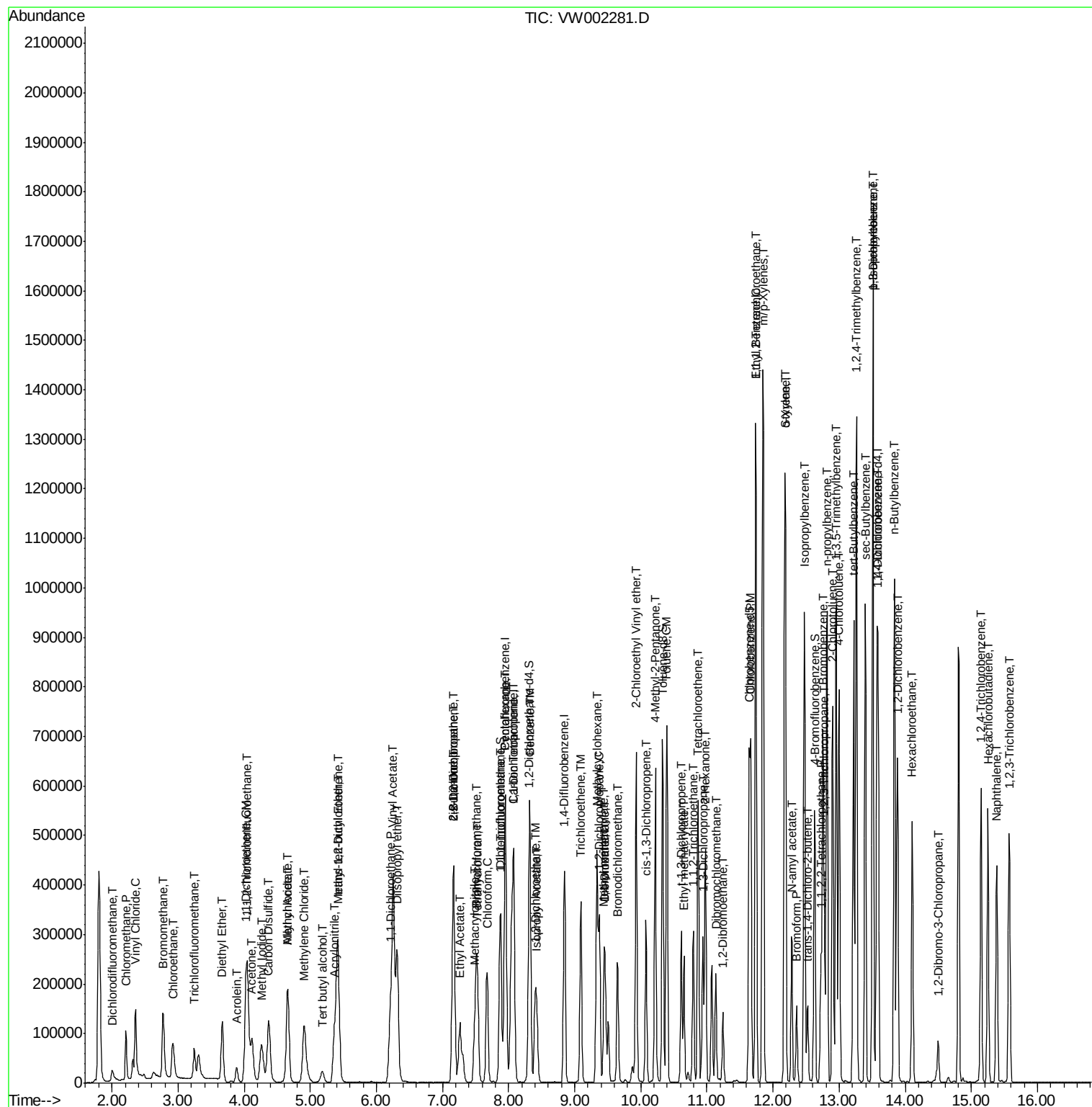
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	192998	49.05	ug/l	100
94) Hexachlorobutadiene	15.25	225	108279	39.49	ug/l	100
95) Naphthalene	15.38	128	366439	62.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	172112	51.18	ug/l	100

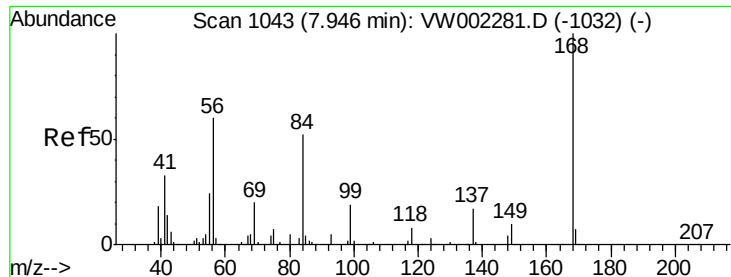
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

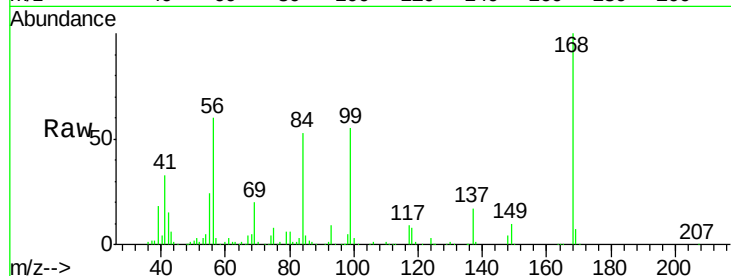
VSTDICCC050

Tot Ion:168 Resp: 233247

Ion Ratio Lower Upper

168 100

99 54.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

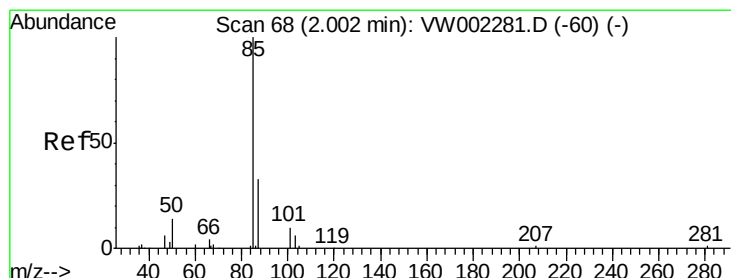
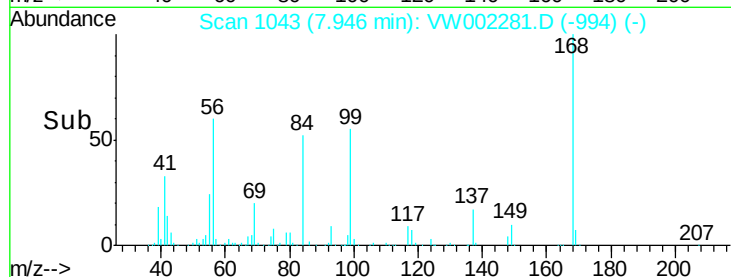
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 25.31 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW002281.D

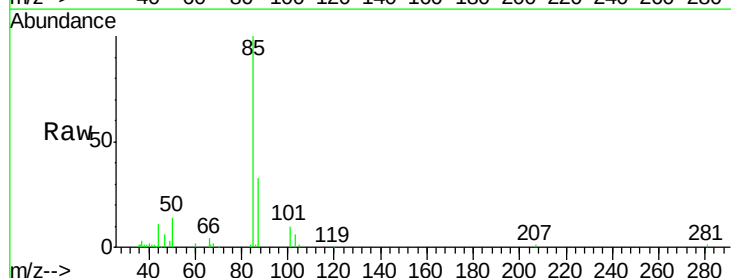
Acq: 08 May 2018 01:01

Tgt Ion: 85 Resp: 45480

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

5000

0

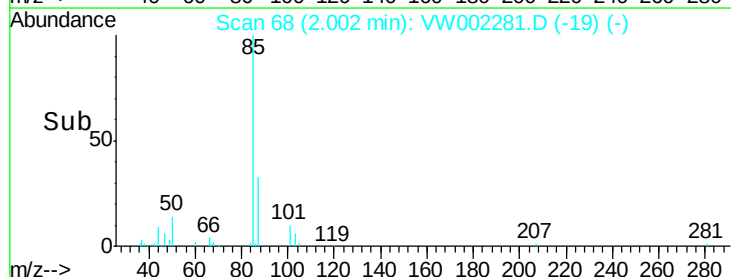
1.90

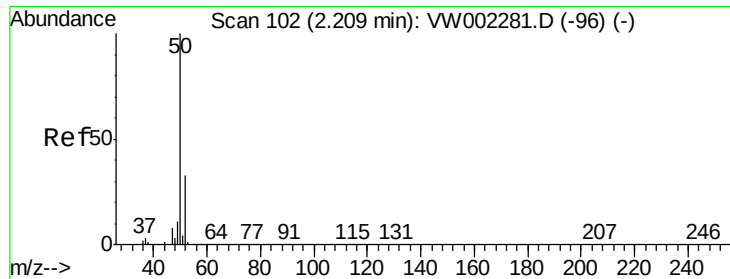
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 51.59 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

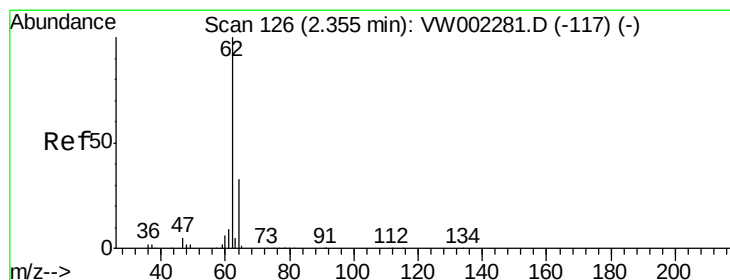
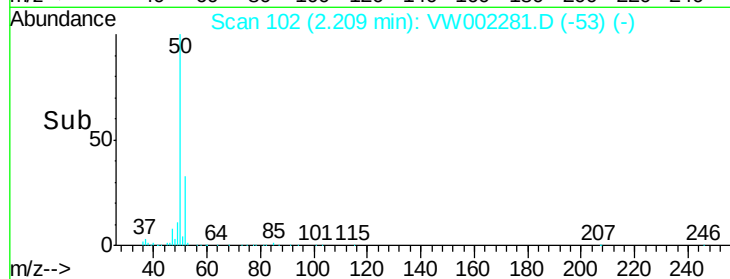
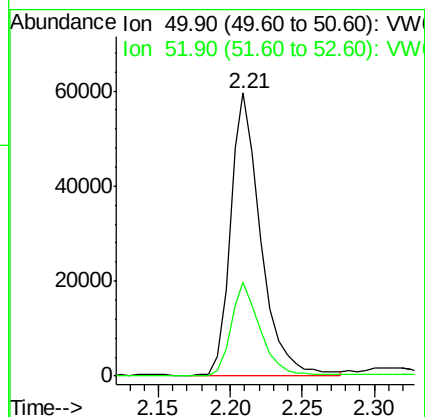
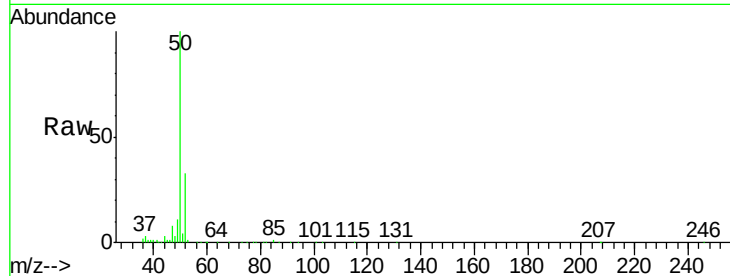
VSTDICCC050

Tot Ion: 50 Resp: 87175

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 77.10 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW002281.D

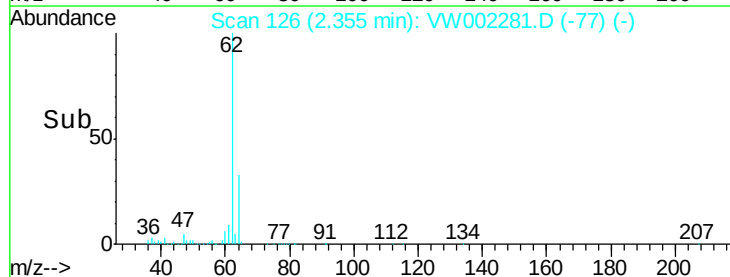
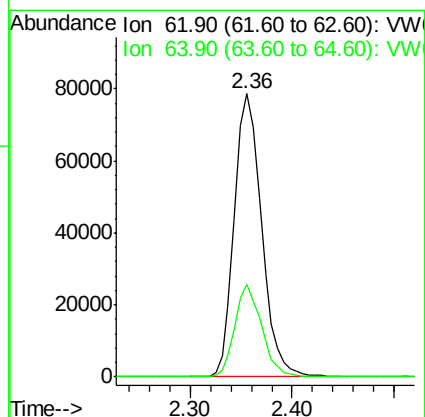
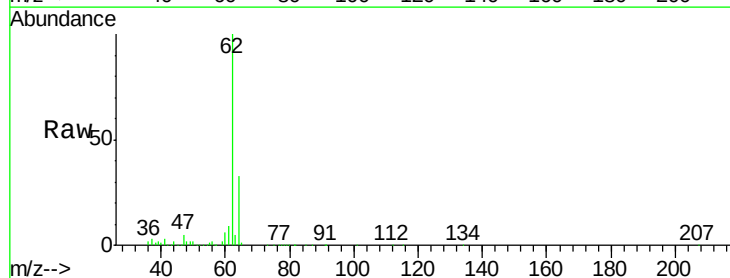
Acq: 08 May 2018 01:01

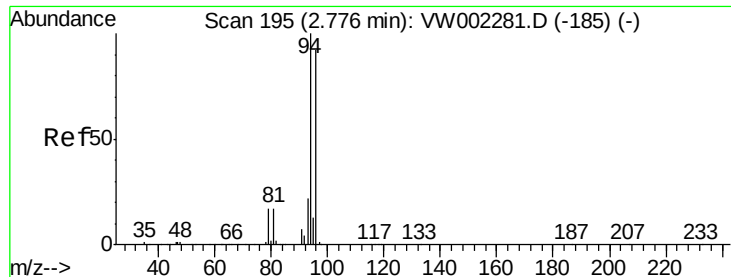
Tgt Ion: 62 Resp: 146313

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 74.33 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

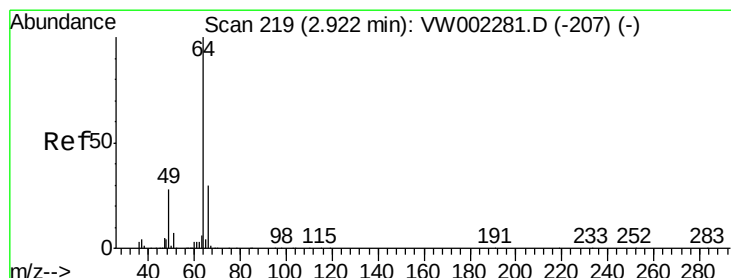
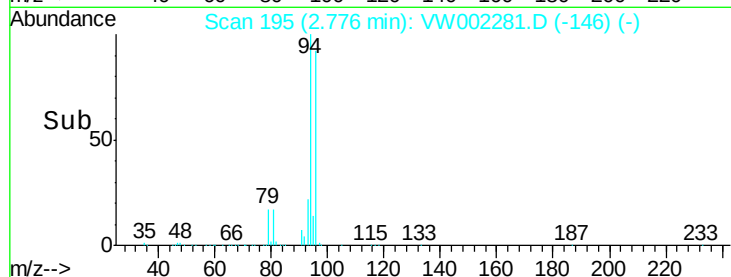
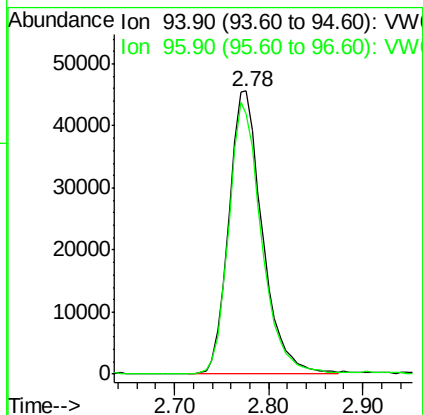
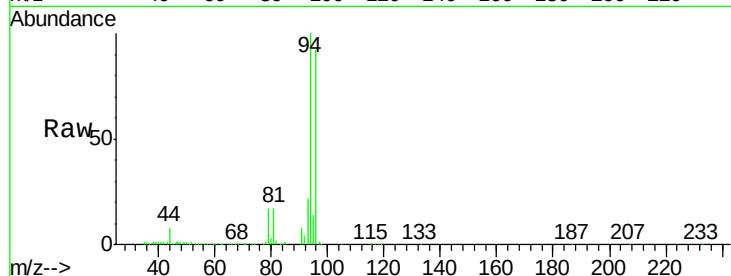
VSTDICCC050

Tot Ion: 94 Resp: 112277

Ion Ratio Lower Upper

94 100

96 92.0 73.6 110.4



#6

Chloroethane

Concen: 83.01 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW002281.D

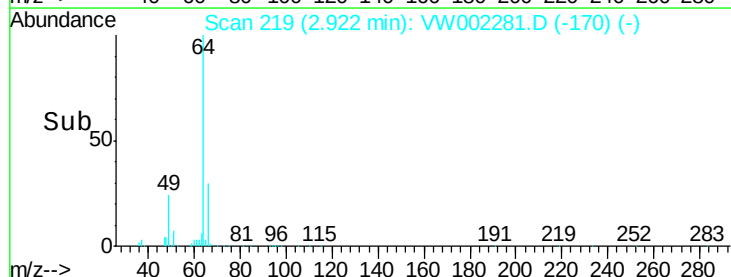
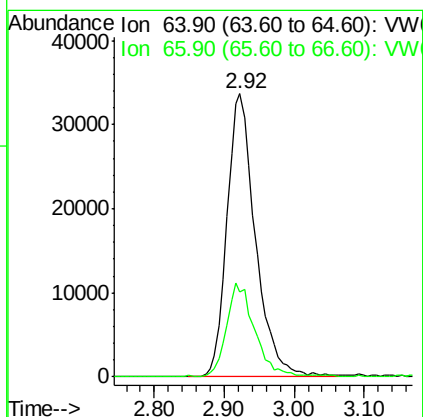
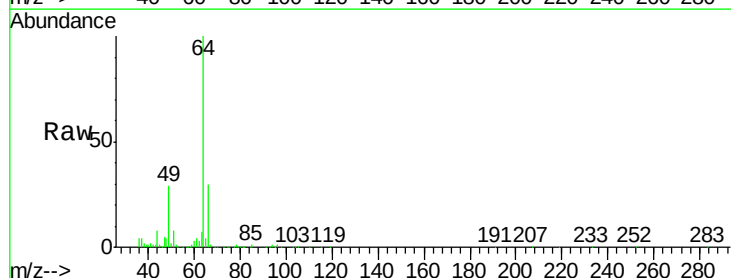
Acq: 08 May 2018 01:01

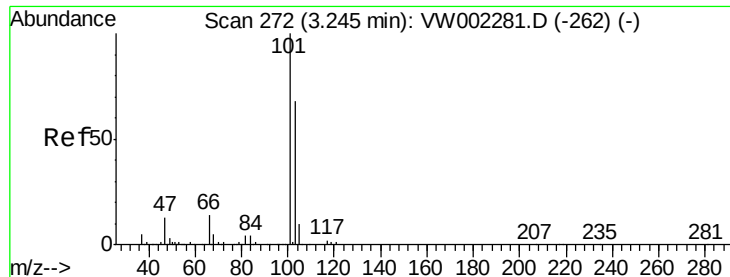
Tgt Ion: 64 Resp: 95145

Ion Ratio Lower Upper

64 100

66 29.7 23.8 35.6



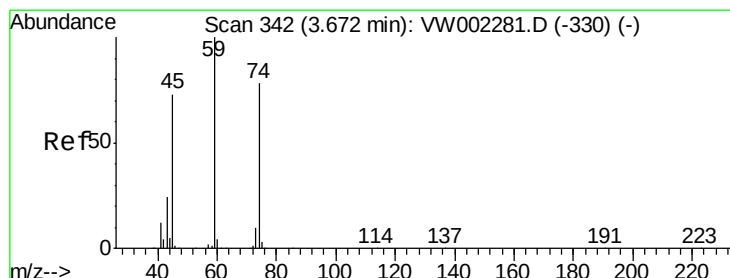
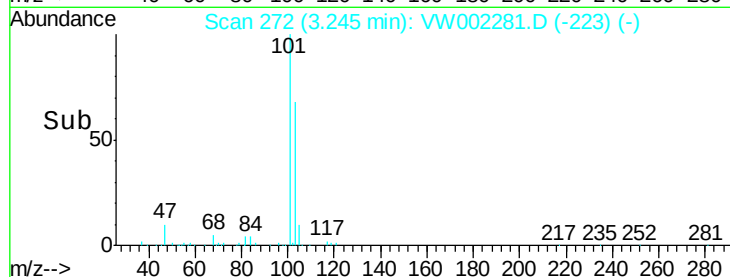
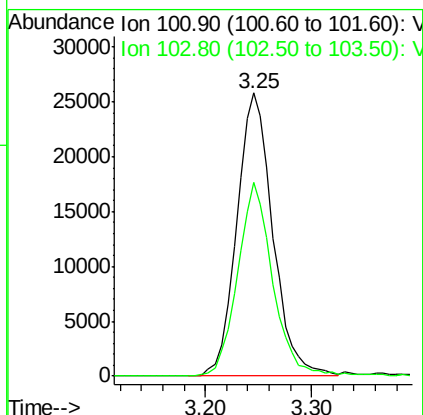
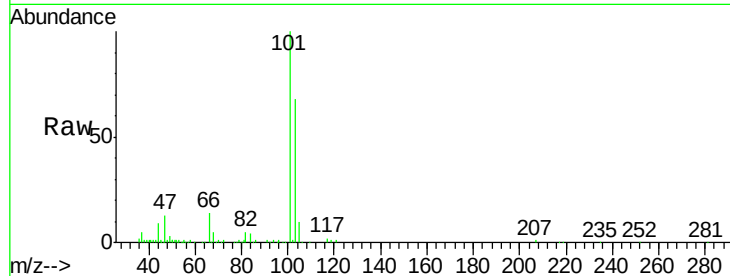


#7

Trichlorofluoromethane
 Concen: 19.35 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Instrument :
 MSVOA_W
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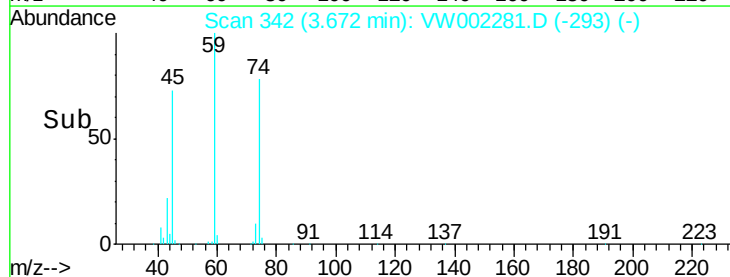
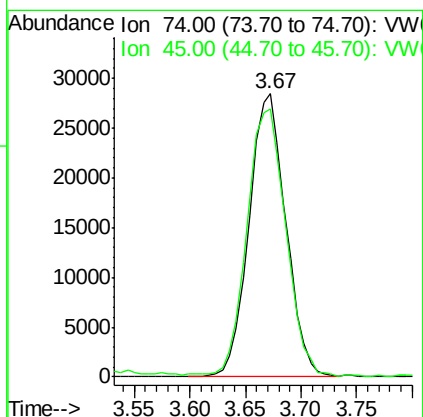
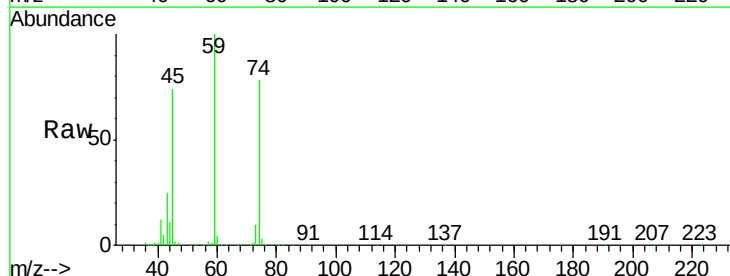
Tot Ion:101 Resp: 61161
 Ion Ratio Lower Upper
 101 100
 103 68.3 54.6 82.0

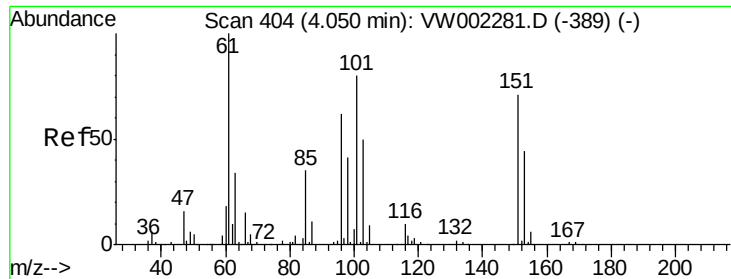


#8

Diethyl Ether
 Concen: 72.35 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion: 74 Resp: 65470
 Ion Ratio Lower Upper
 74 100
 45 99.0 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.95 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

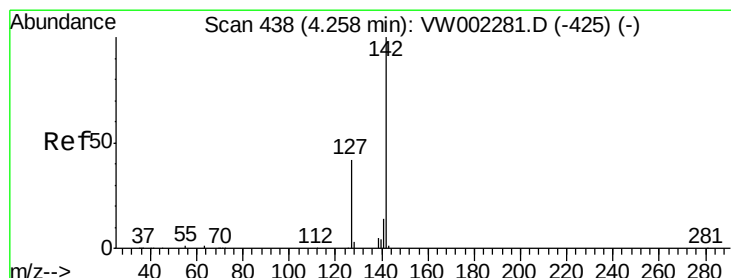
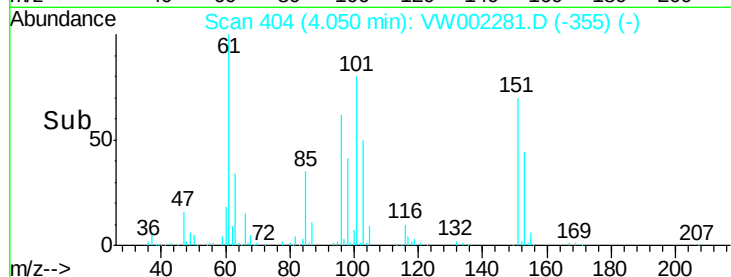
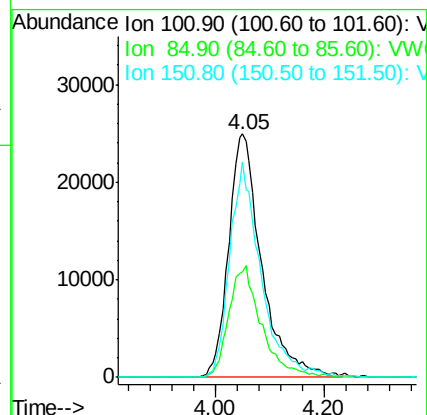
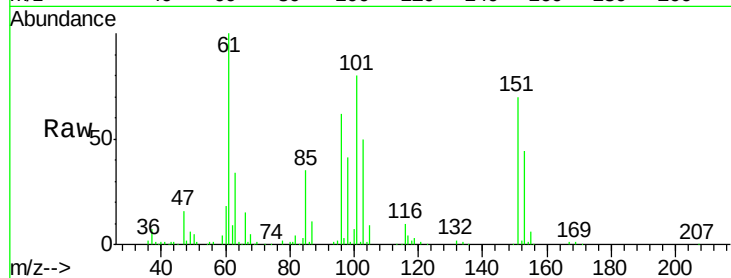
Tot Ion:101 Resp: 105676

Ion Ratio Lower Upper

101 100

85 44.9 35.9 53.9

151 81.8 65.4 98.2



#10

Methyl Iodide

Concen: 73.22 ug/l

RT: 4.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

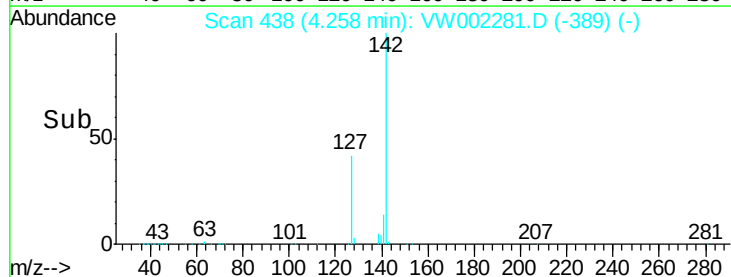
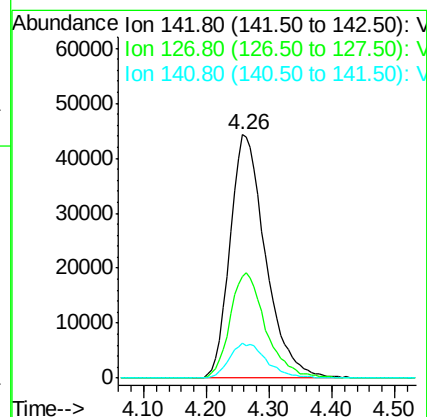
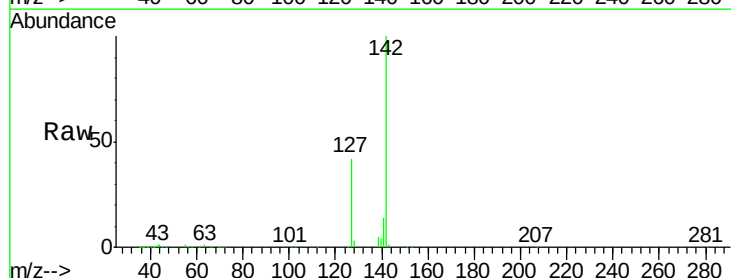
Tgt Ion:142 Resp: 173247

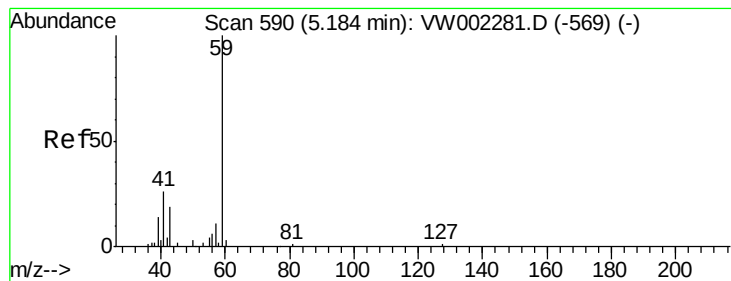
Ion Ratio Lower Upper

142 100

127 43.4 34.7 52.1

141 14.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 326.11 ug/l

RT: 5.18 min Scan# 590

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

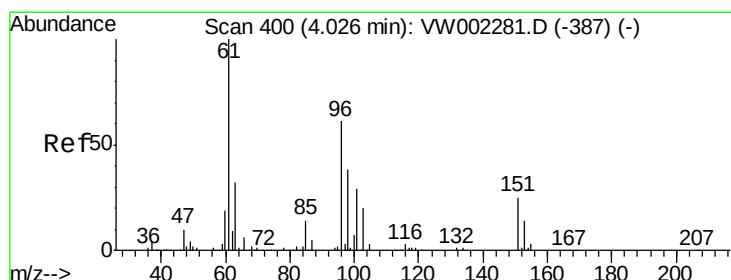
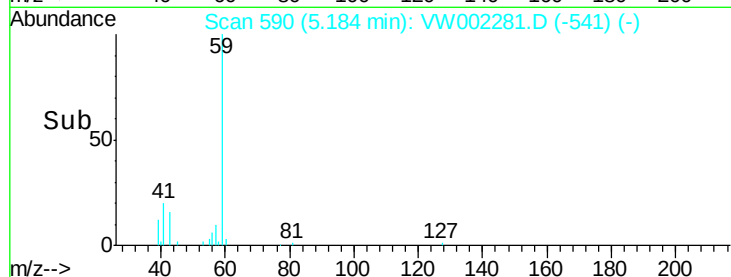
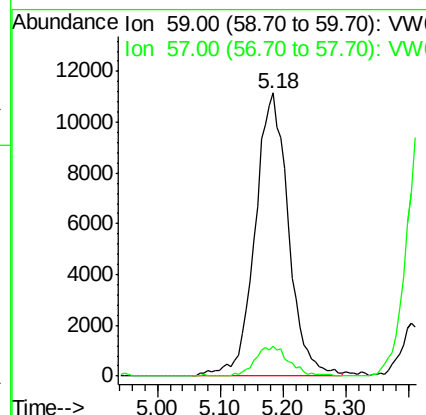
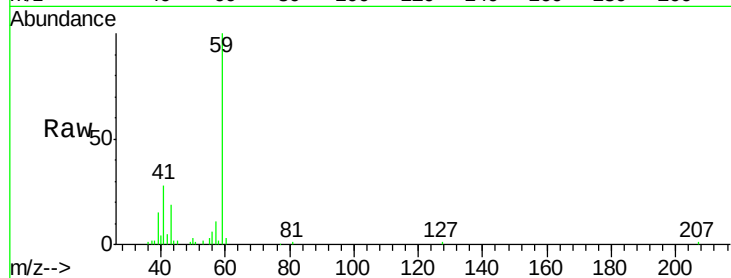
VSTDICCC050

Tot Ion: 59 Resp: 41025

Ion Ratio Lower Upper

59 100

57 4.9 3.9 5.9



#12

1,1-Dichloroethene

Concen: 56.67 ug/l

RT: 4.03 min Scan# 400

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

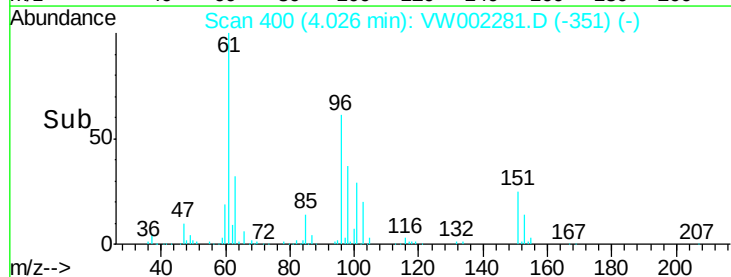
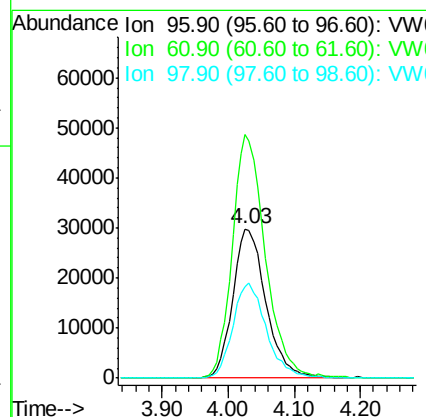
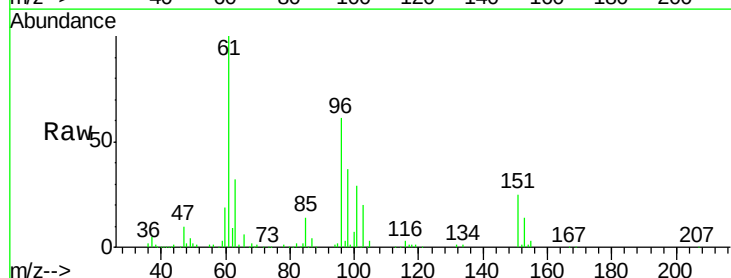
Tgt Ion: 96 Resp: 103665

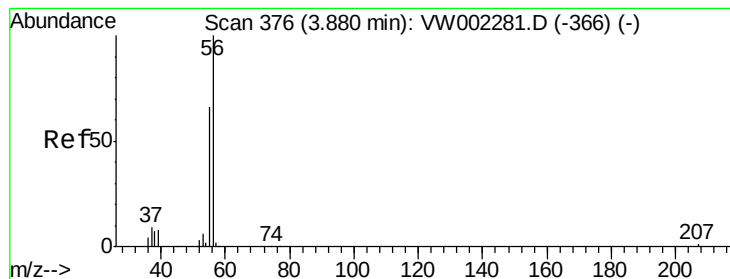
Ion Ratio Lower Upper

96 100

61 163.3 130.6 196.0

98 61.2 49.0 73.4





#13

Acrolein

Concen: 348.93 ug/l

RT: 3.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

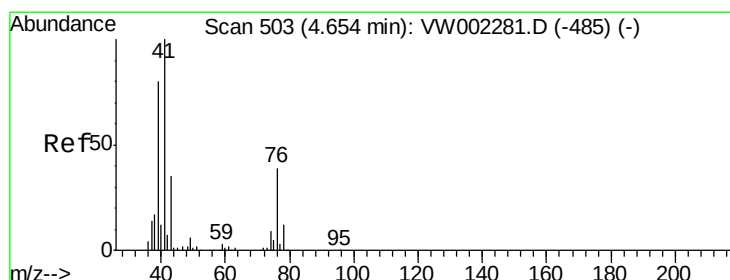
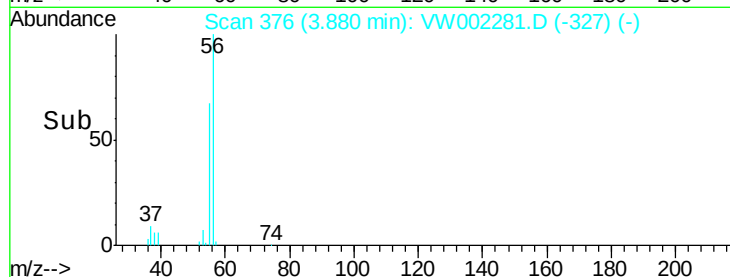
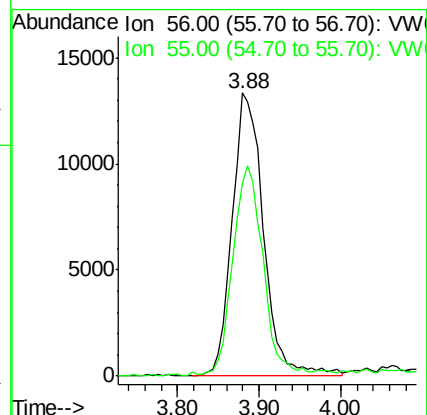
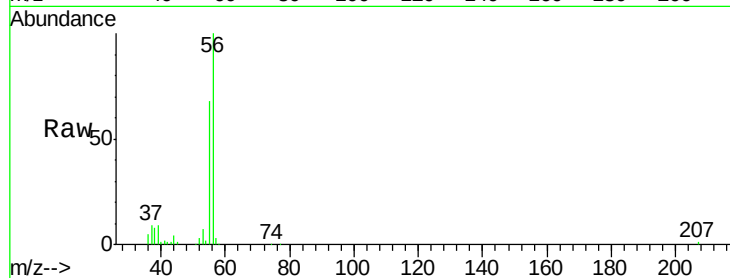
VSTDICCC050

Tot Ion: 56 Resp: 35406

Ion Ratio Lower Upper

56 100

55 71.6 57.3 85.9



#14

Allyl chloride

Concen: 68.18 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

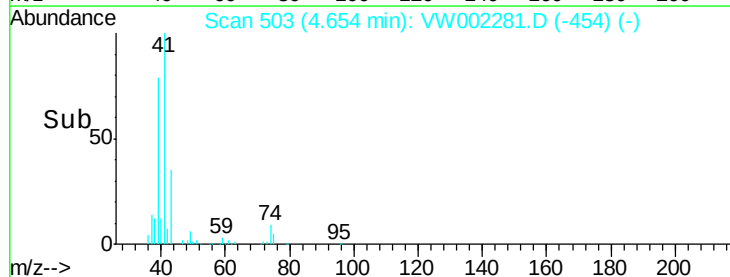
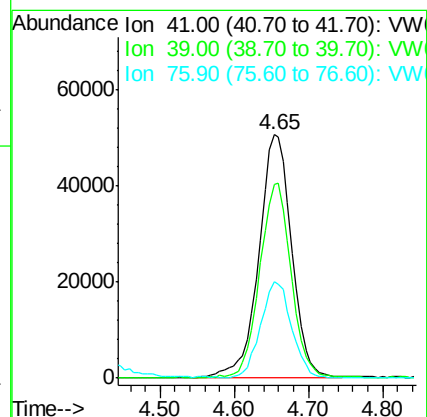
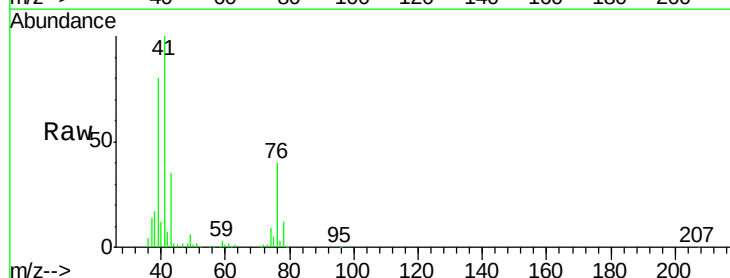
Tgt Ion: 41 Resp: 155379

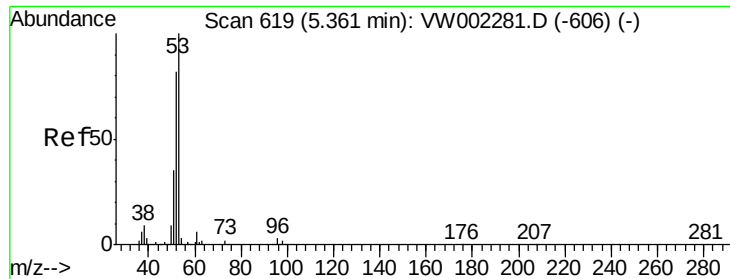
Ion Ratio Lower Upper

41 100

39 77.1 61.7 92.5

76 37.2 29.8 44.6

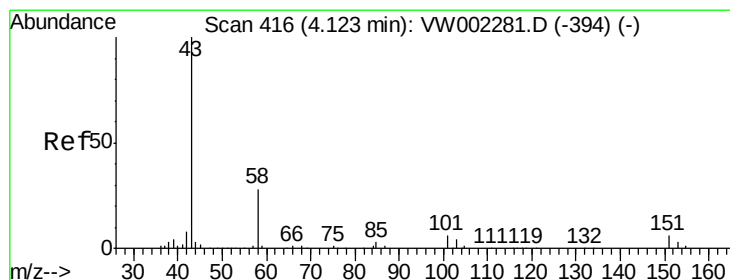
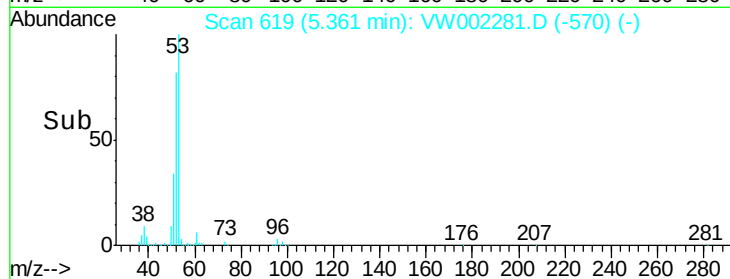
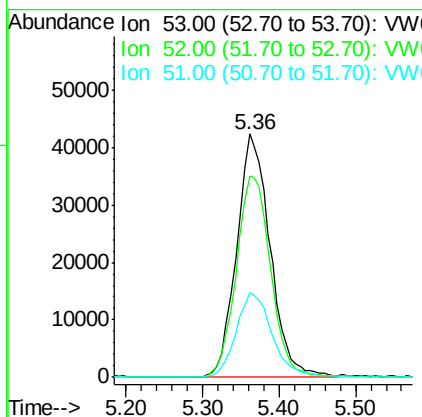
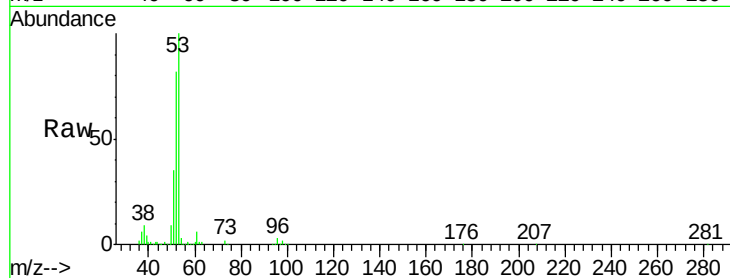




#15
 Acrylonitrile
 Concen: 376.36 ug/l
 RT: 5.36 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

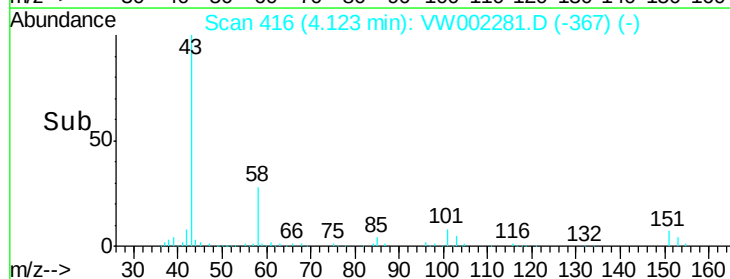
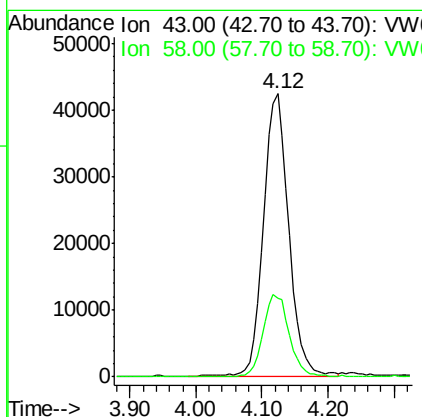
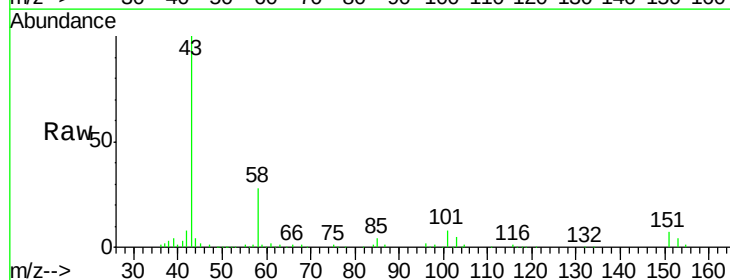
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

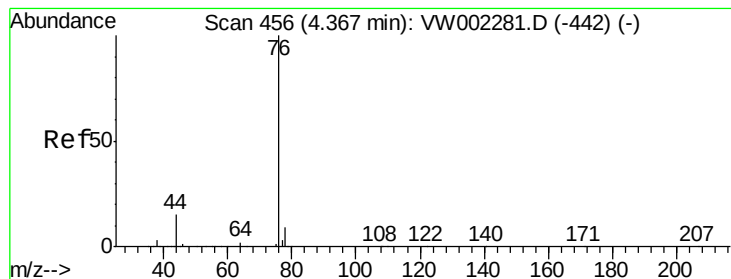
Tot Ion	53	Resp	128793
Ion	Ratio	Lower	Upper
53	100		
52	84.9	67.9	101.9
51	37.5	30.0	45.0



#16
 Acetone
 Concen: 280.28 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion	43	Resp	112803
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.2	33.4





#17

Carbon Disulfide

Concen: 53.20 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

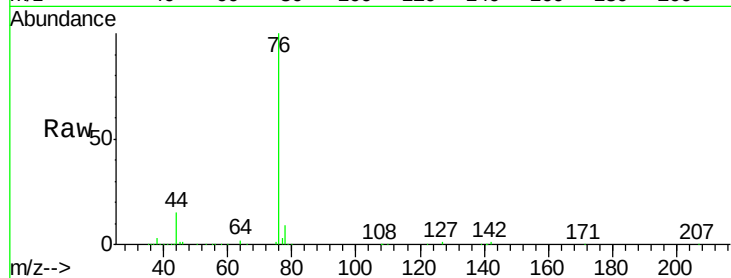
VSTDICCC050

Tot Ion: 76 Resp: 305404

Ion Ratio Lower Upper

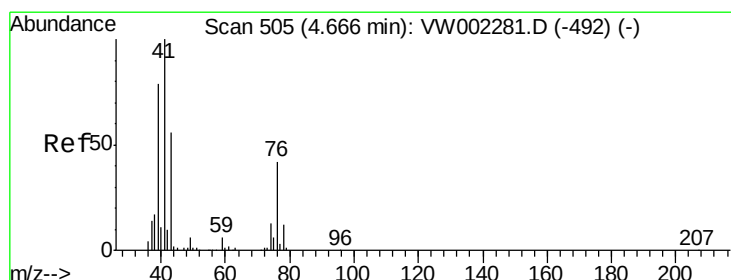
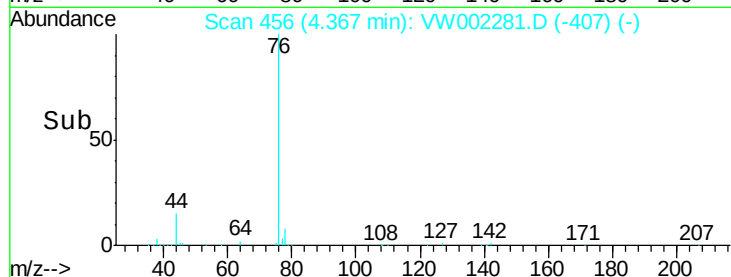
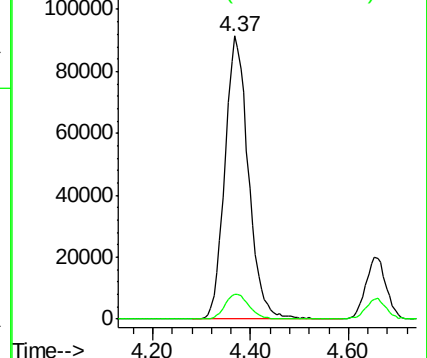
76 100

78 8.6 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: 78.32 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW002281.D

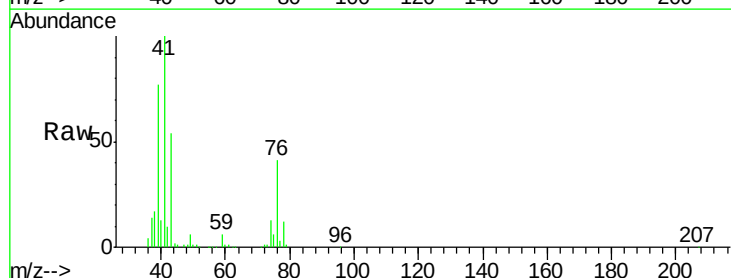
Acq: 08 May 2018 01:01

Tgt Ion: 43 Resp: 69298

Ion Ratio Lower Upper

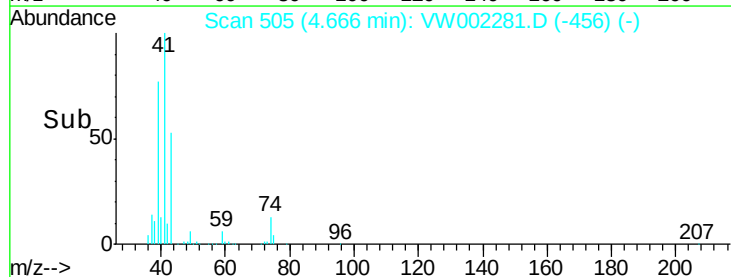
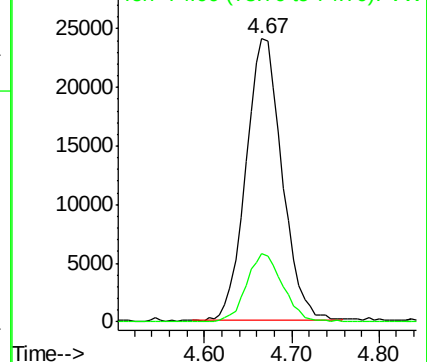
43 100

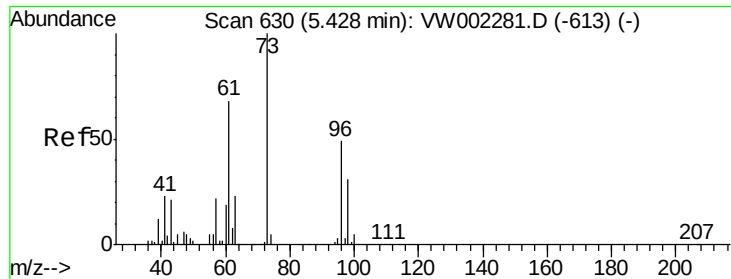
74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

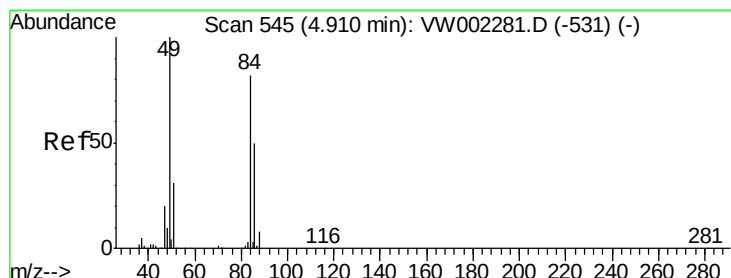
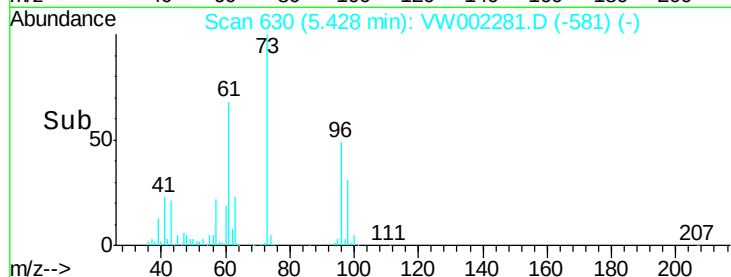
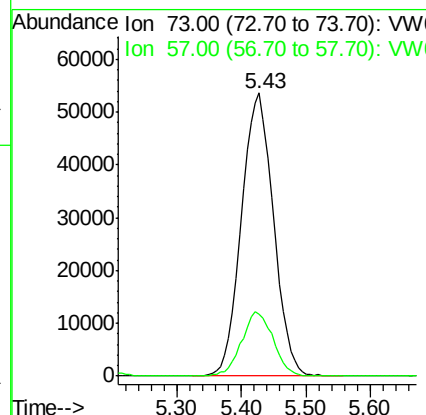
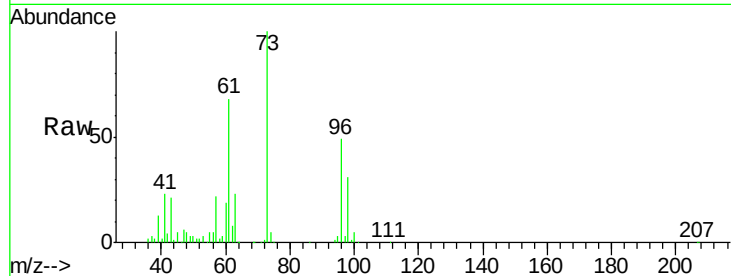




#19
Methyl tert-butyl Ether
Concen: 49.53 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

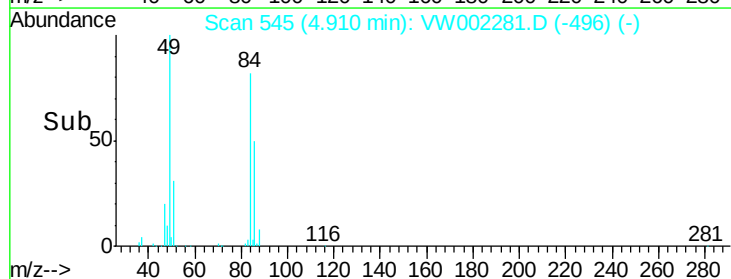
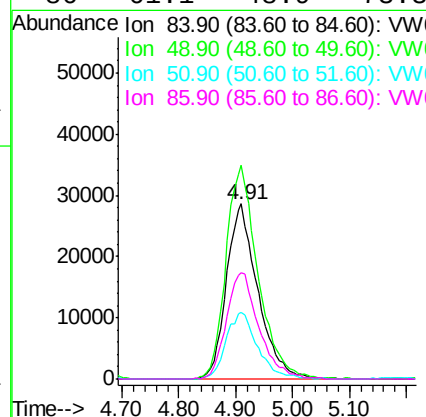
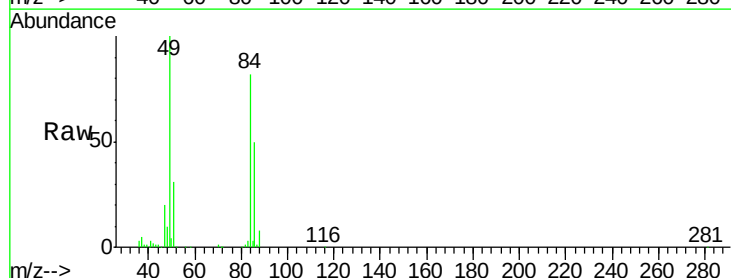
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

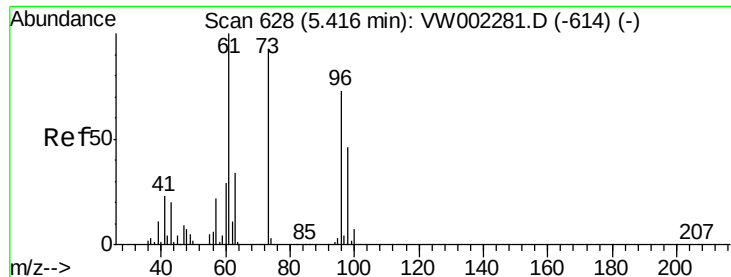
Tot Ion: 73 Resp: 183918
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 48.30 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion: 84 Resp: 109811
Ion Ratio Lower Upper
84 100
49 122.1 97.7 146.5
51 37.8 30.2 45.4
86 61.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 55.78 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

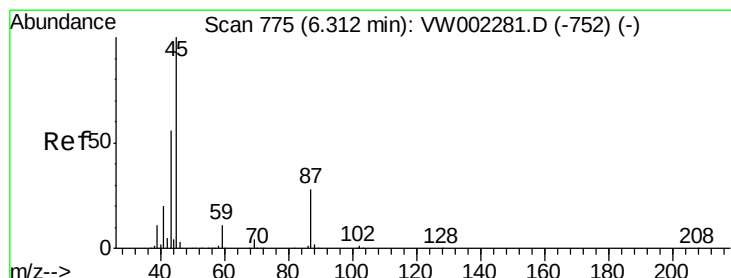
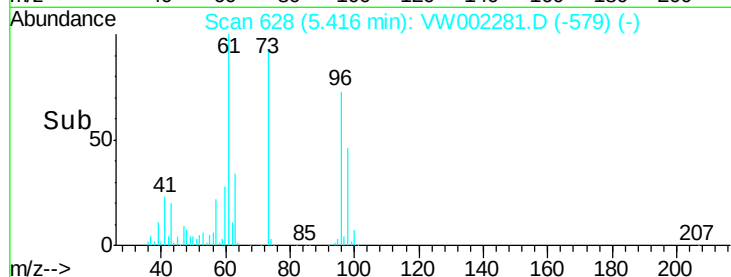
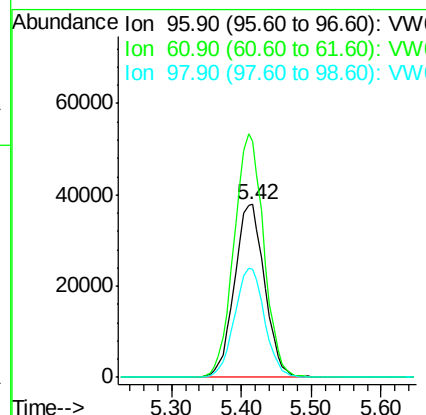
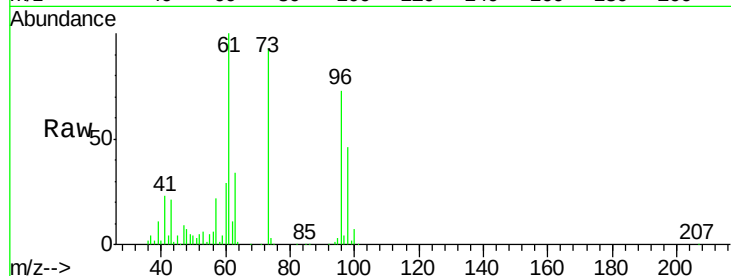
Tot Ion: 96 Resp: 113851

Ion Ratio Lower Upper

96 100

61 136.9 109.5 164.3

98 62.8 50.2 75.4



#22

Diisopropyl ether

Concen: 74.31 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Tgt Ion: 45 Resp: 338093

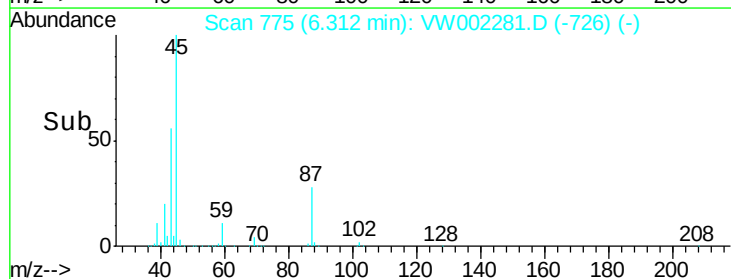
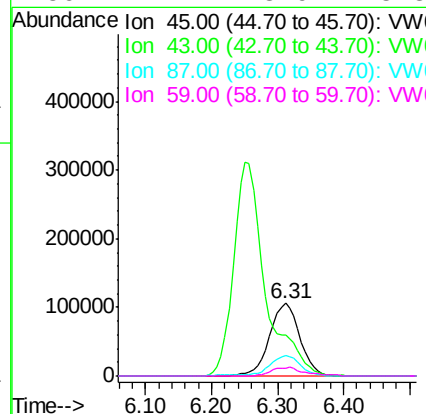
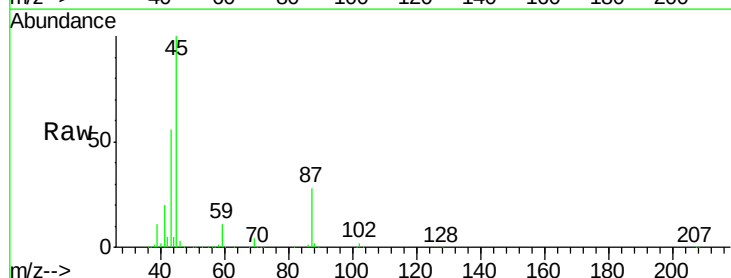
Ion Ratio Lower Upper

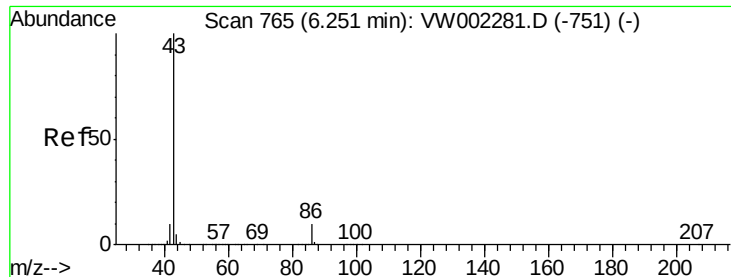
45 100

43 55.6 44.5 66.7

87 27.8 22.2 33.4

59 11.1 8.9 13.3





#23

Vinyl Acetate

Concen: 425.20 ug/l

RT: 6.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

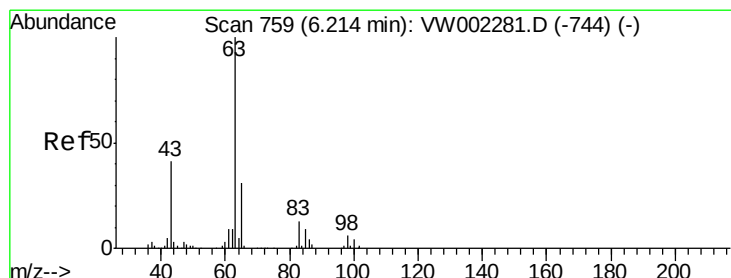
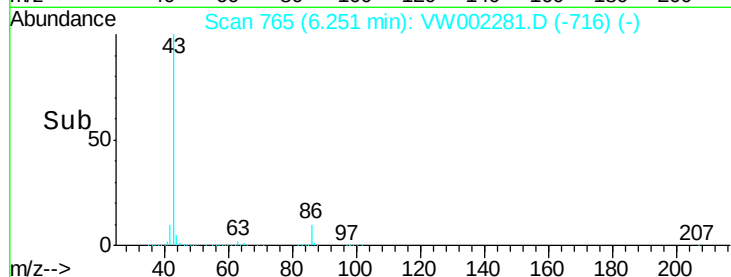
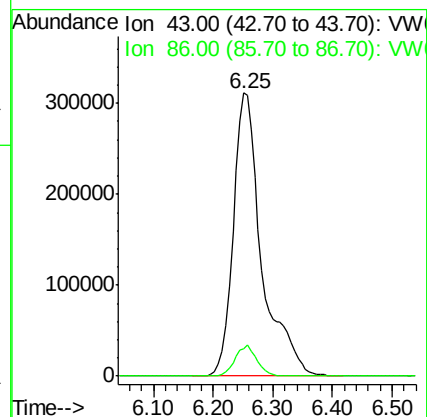
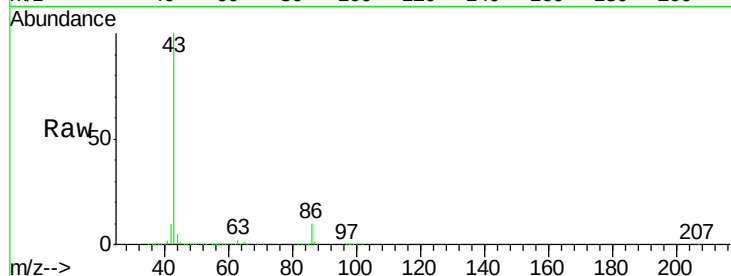
VSTDICCC050

Tot Ion: 43 Resp: 1029959

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 61.08 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

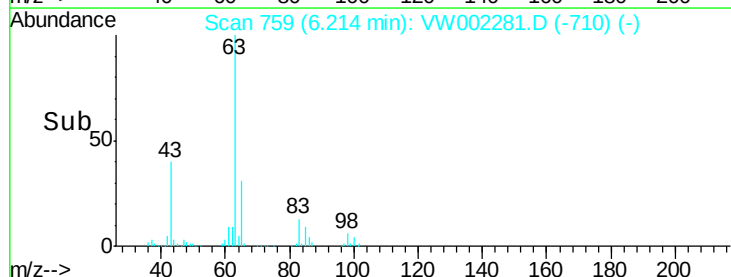
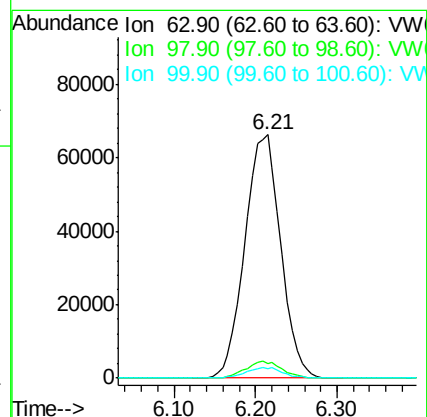
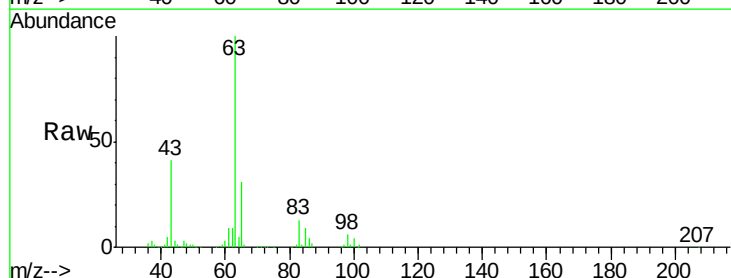
Tgt Ion: 63 Resp: 202760

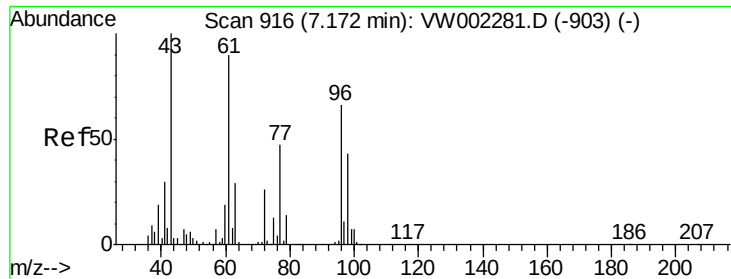
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 391.95 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampled :

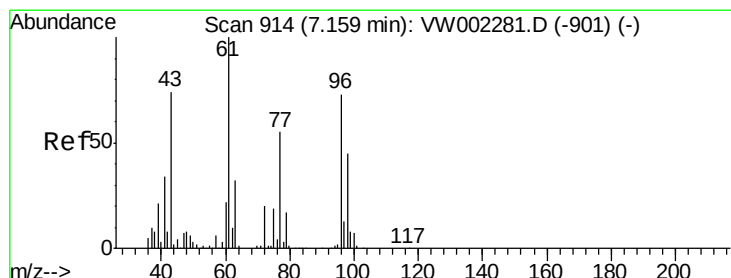
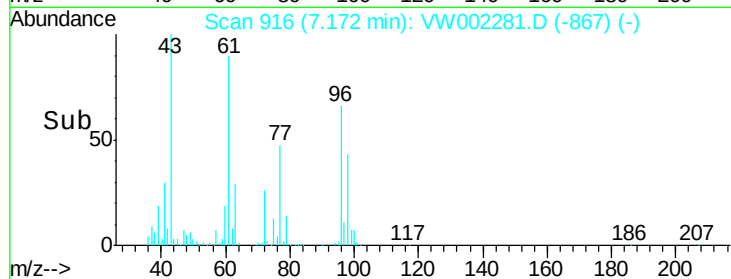
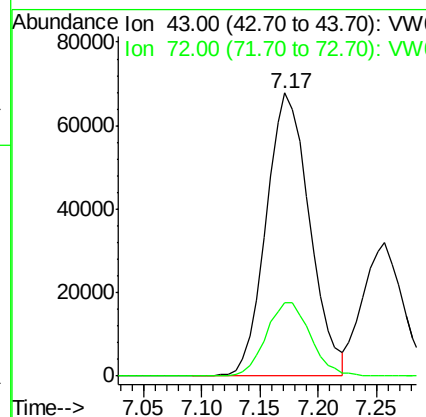
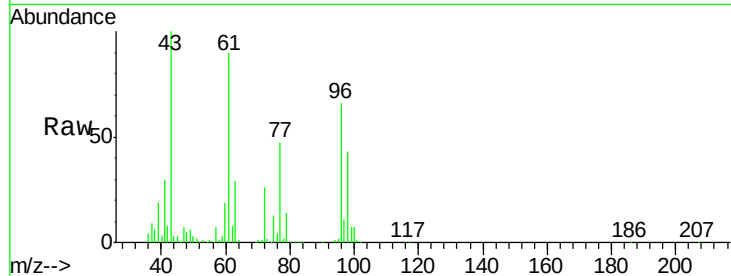
VSTDICCC050

Tot Ion: 43 Resp: 175570

Ion Ratio Lower Upper

43 100

72 25.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 32.25 ug/l

RT: 7.16 min Scan# 914

Delta R.T. 0.00 min

Lab File: VW002281.D

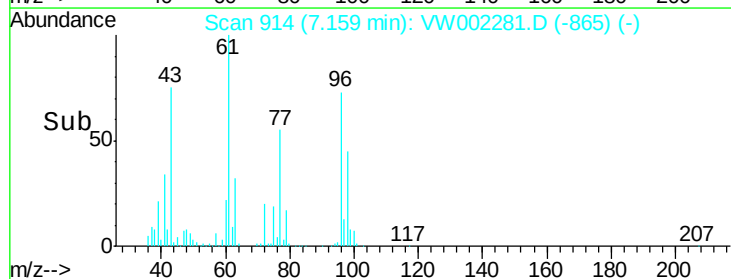
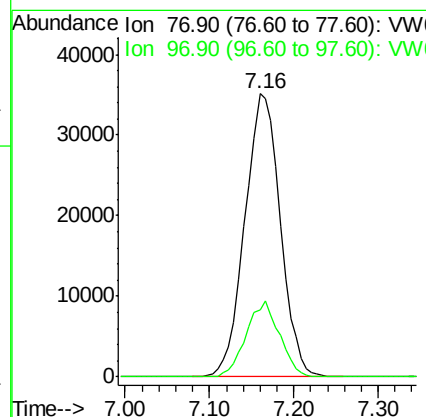
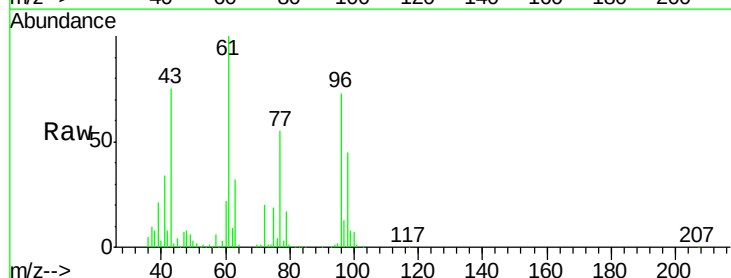
Acq: 08 May 2018 01:01

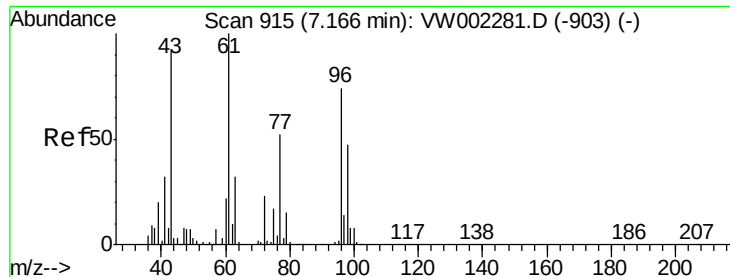
Tgt Ion: 77 Resp: 100035

Ion Ratio Lower Upper

77 100

97 25.3 12.7 38.0



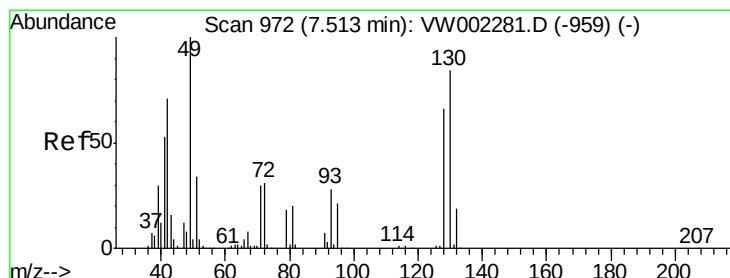
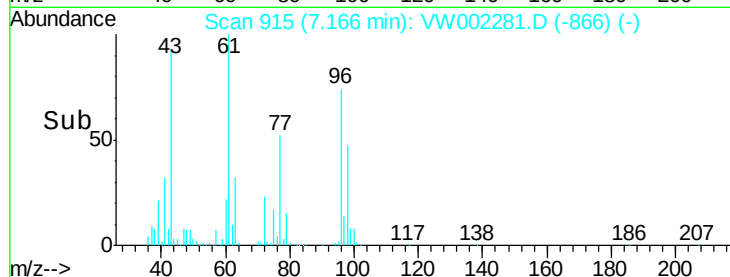
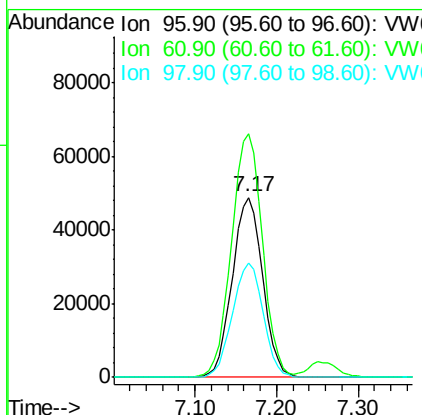
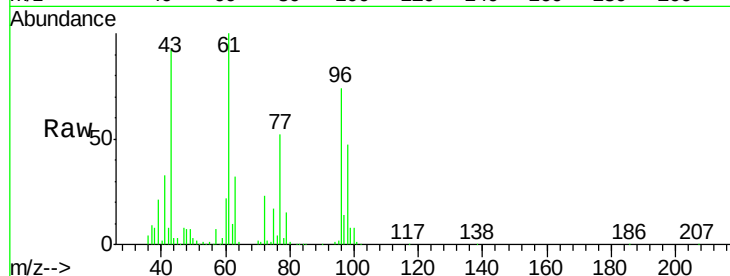


#27

cis-1,2-Dichloroethene
 Concen: 58.27 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

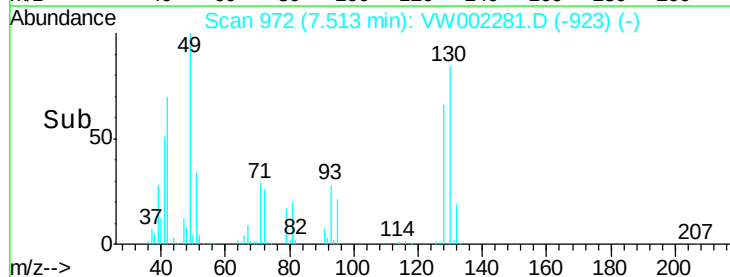
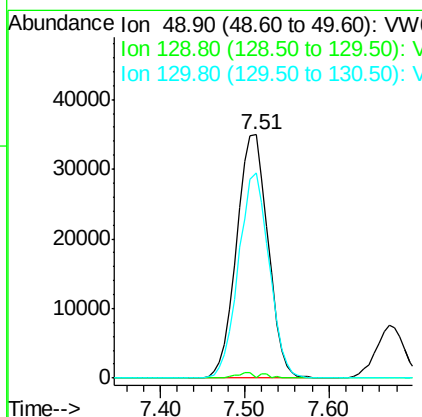
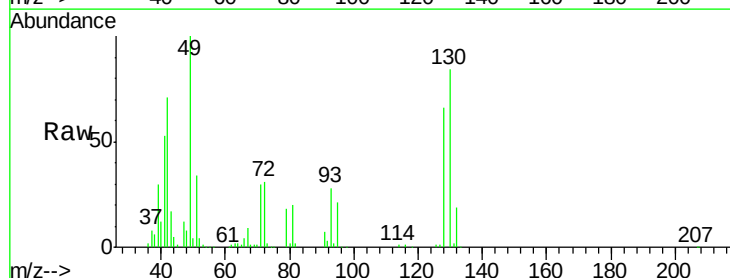
Tot Ion	96	Resp	125890
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	274.8
98	64.2	0.0	128.4

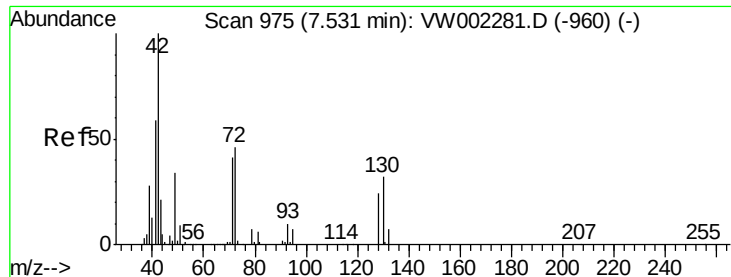


#28

Bromochloromethane
 Concen: 75.69 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion	49	Resp	88236
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.4
130	81.9	65.5	98.3

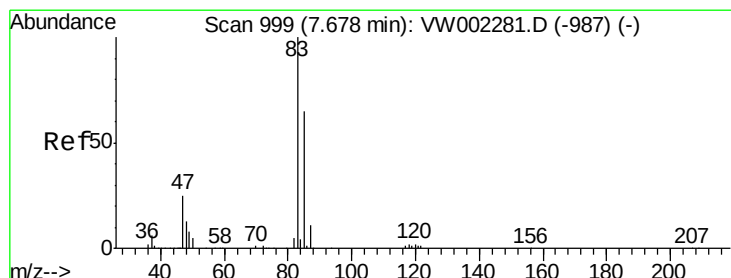
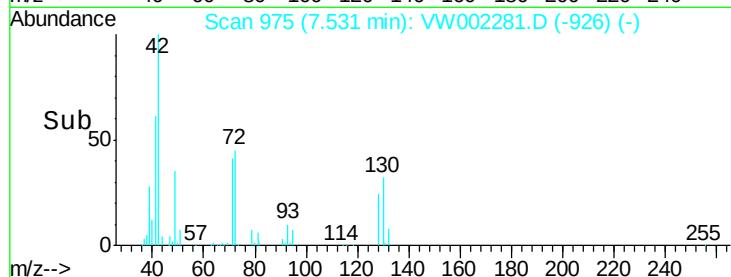
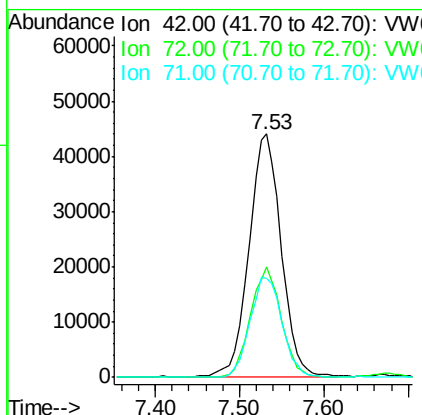
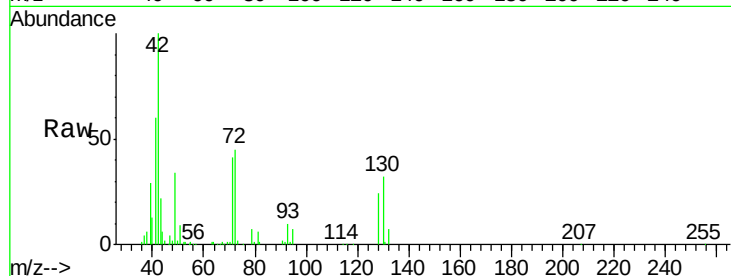




#29
Tetrahydrofuran
Concen: 438.50 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

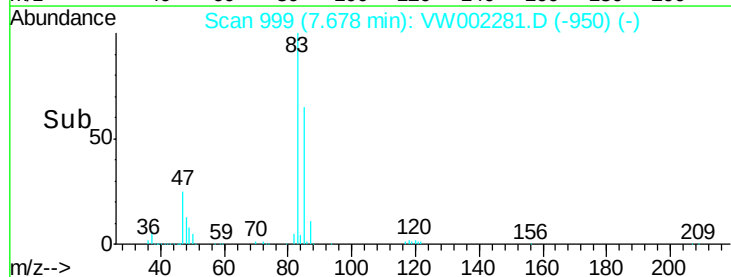
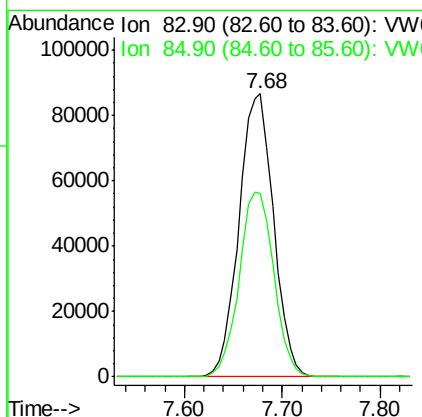
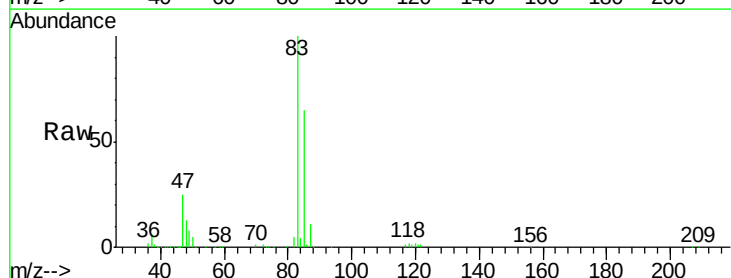
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

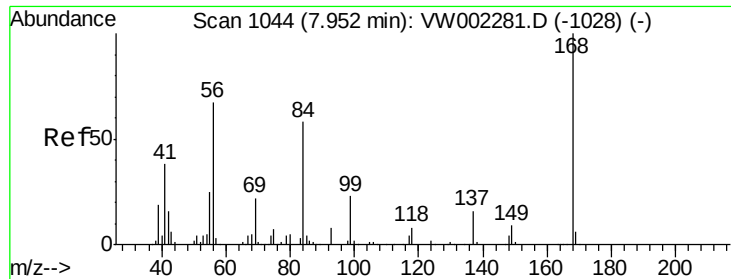
Tot Ion: 42 Resp: 114199
Ion Ratio Lower Upper
42 100
72 43.1 34.5 51.7
71 41.3 33.0 49.6



#30
Chloroform
Concen: 55.35 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion: 83 Resp: 212501
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6

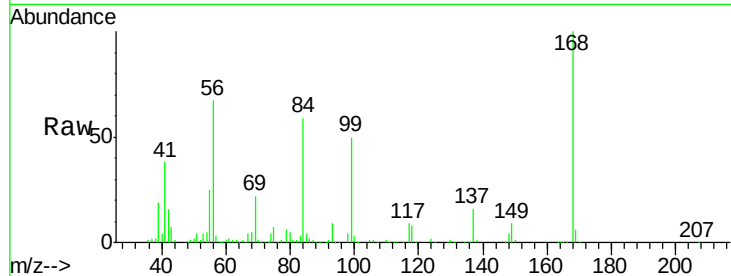




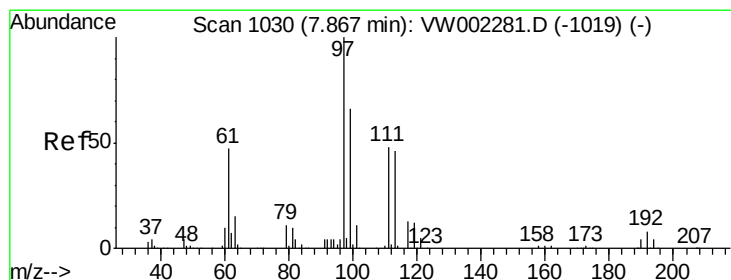
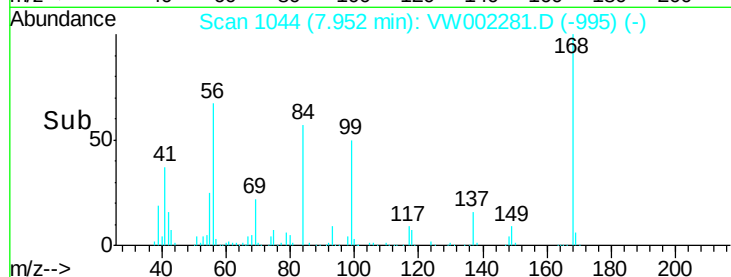
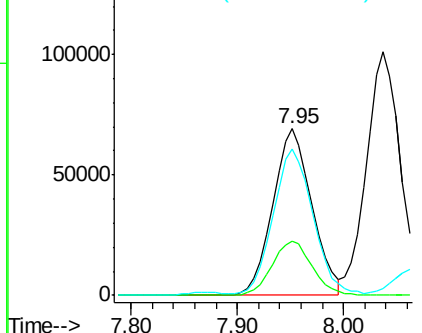
#31
Cyclohexane
Concen: 58.27 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 56 Resp: 175254
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 86.5 69.2 103.8

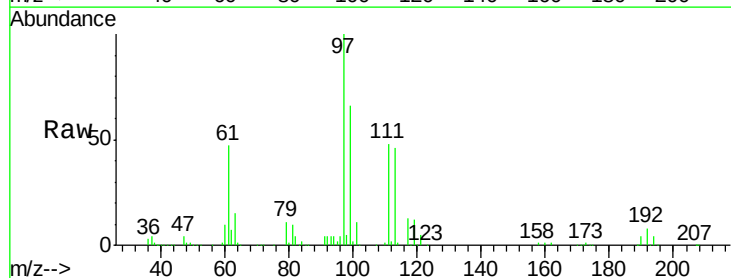


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

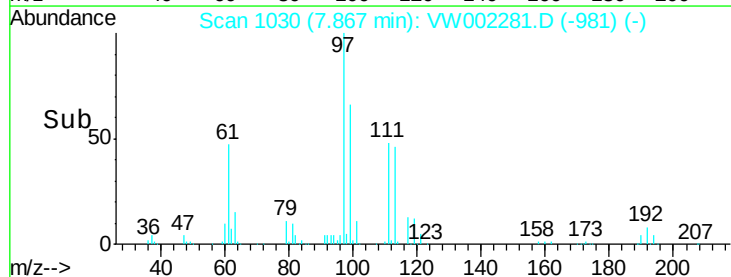
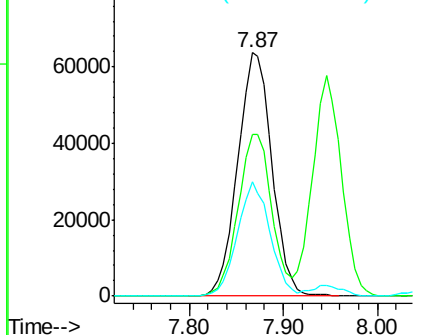


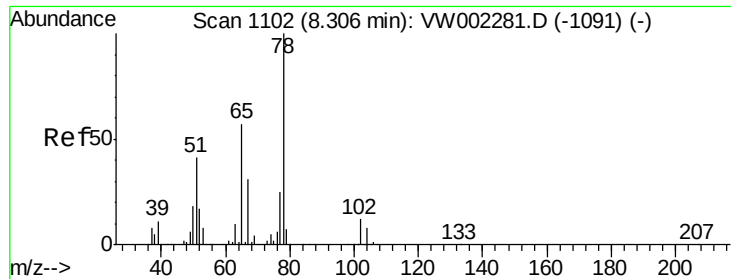
#32
1,1,1-Trichloroethane
Concen: 43.89 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion: 97 Resp: 161714
Ion Ratio Lower Upper
97 100
99 65.8 52.6 79.0
61 44.5 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

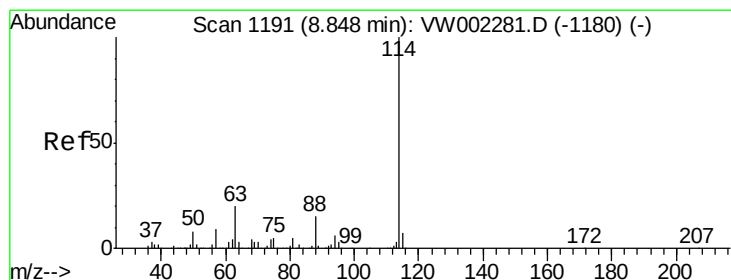
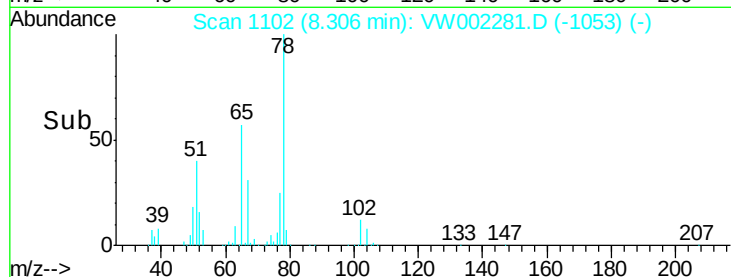
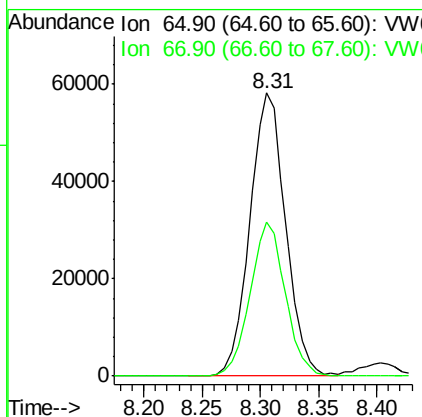
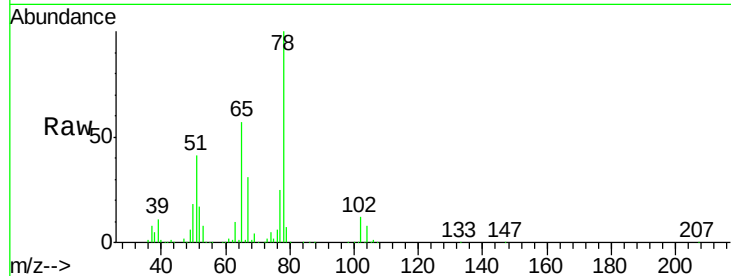




#33
 1,2-Dichloroethane-d4
 Concen: 61.63 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

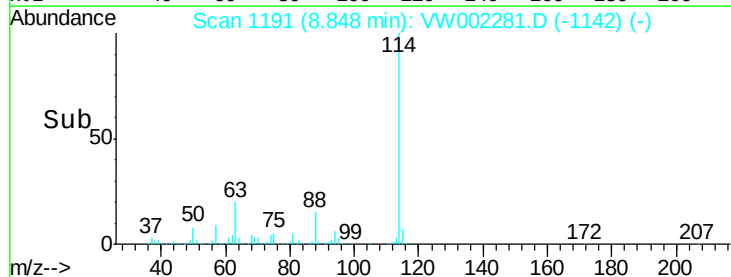
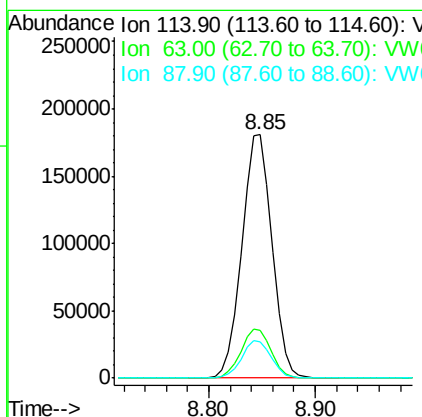
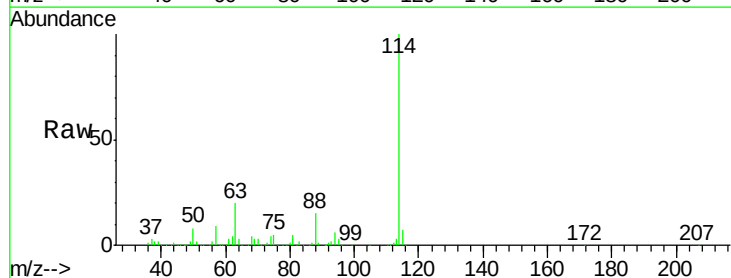
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

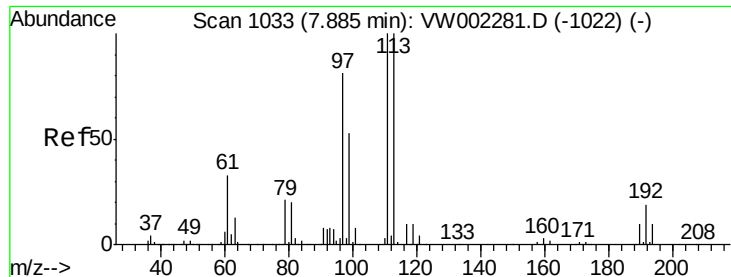
Tot Ion: 65 Resp: 124625
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion: 114 Resp: 359814
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 14.8 0.0 29.6

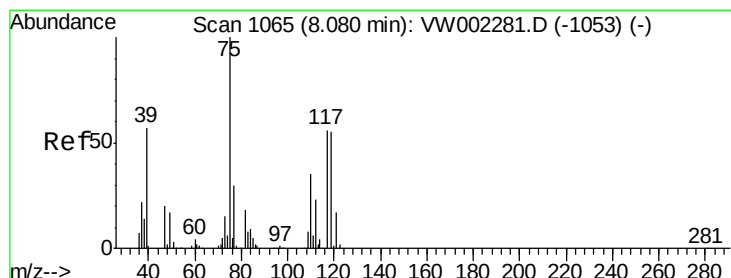
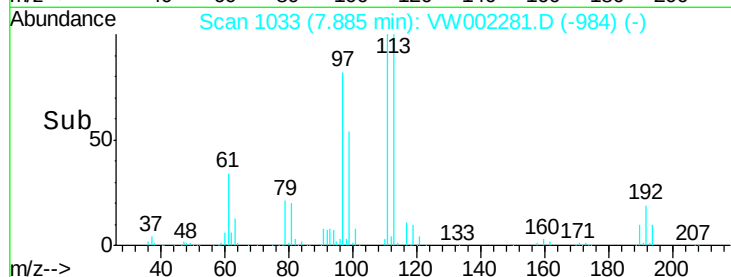
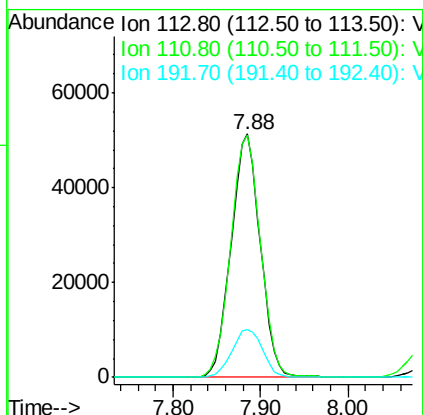
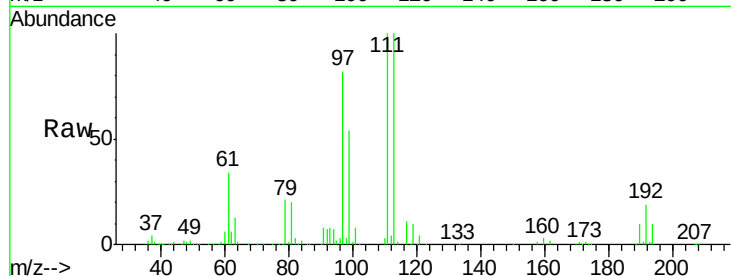




#35
 Dibromofluoromethane
 Concen: 52.73 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

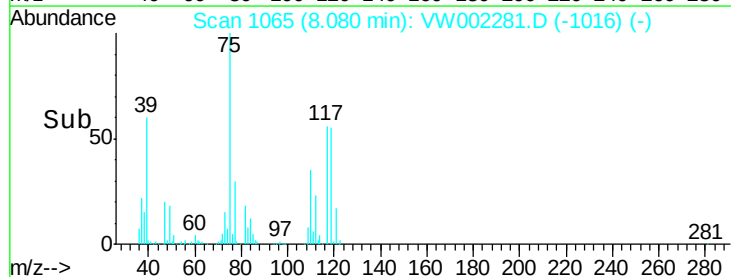
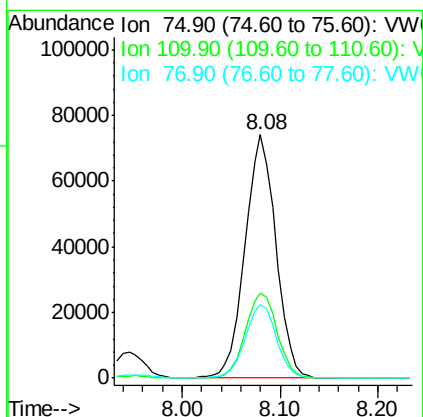
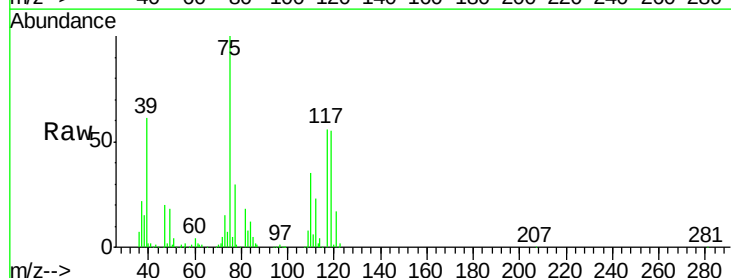
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

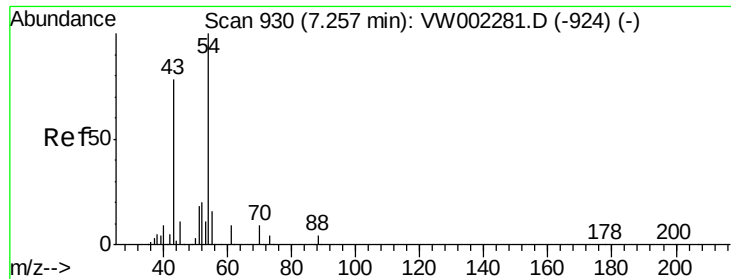
Tot Ion:113 Resp: 119042
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 20.5 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 48.72 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion: 75 Resp: 162310
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.1
 77 30.6 24.5 36.7

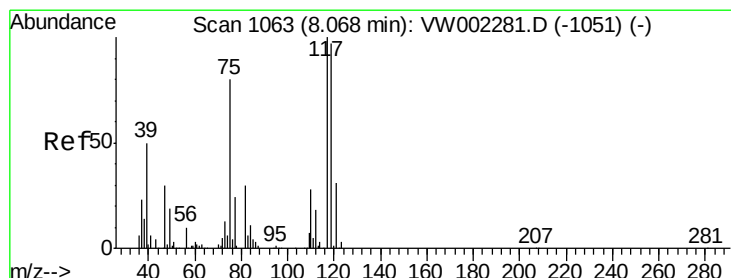
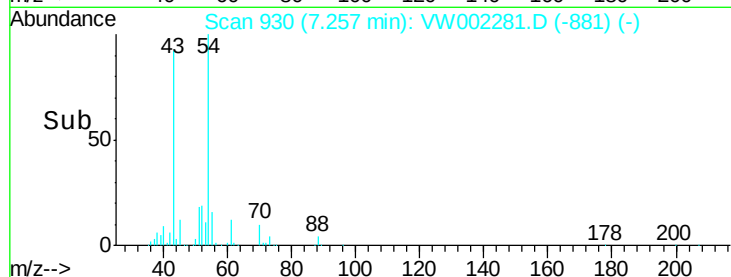
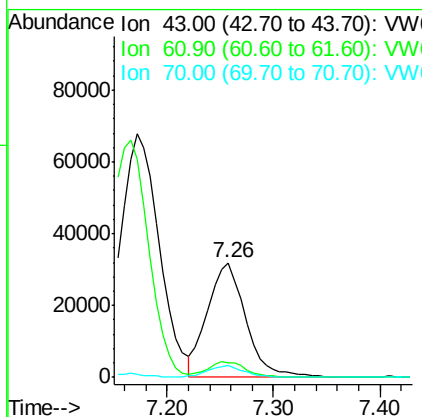
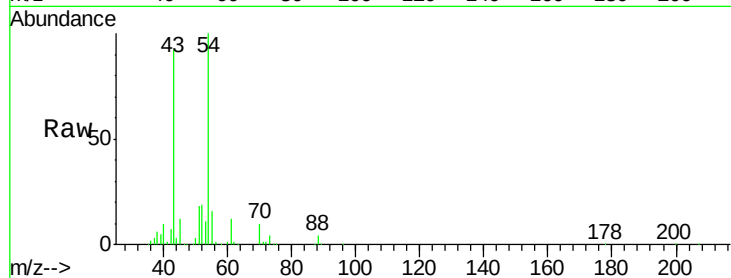




#37
Ethyl Acetate
Concen: 74.20 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

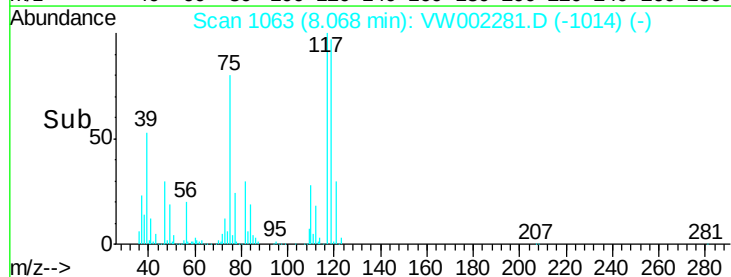
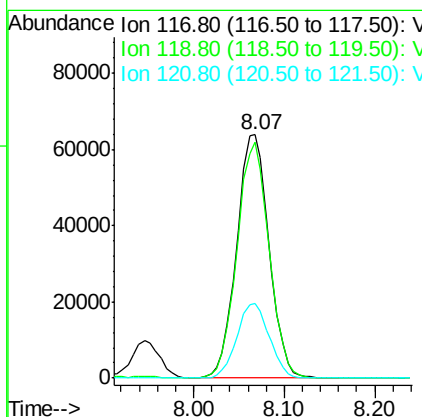
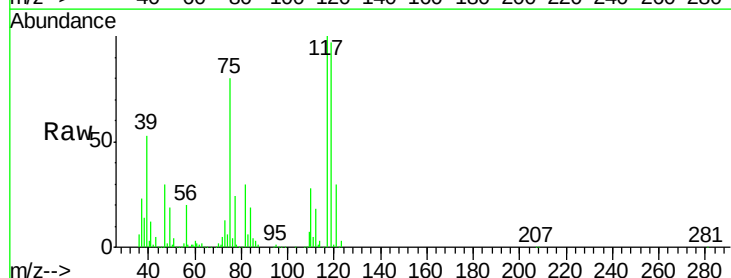
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

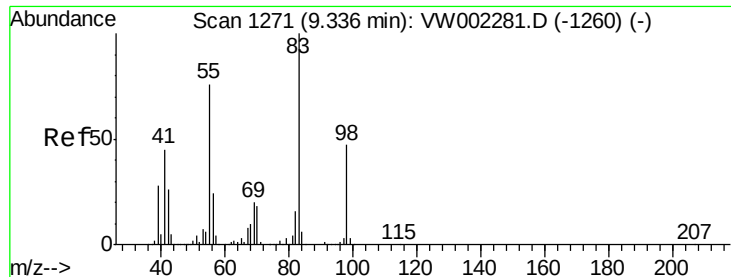
Tot Ion: 43 Resp: 78452
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 39.09 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion: 117 Resp: 157474
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 30.5 24.4 36.6

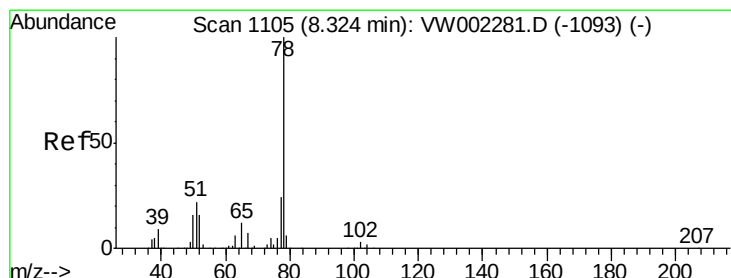
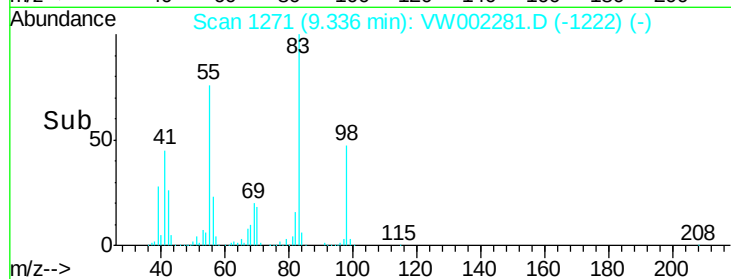
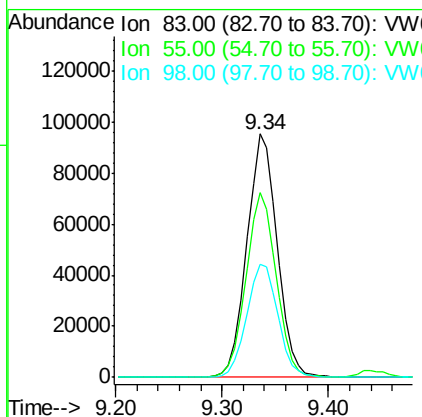
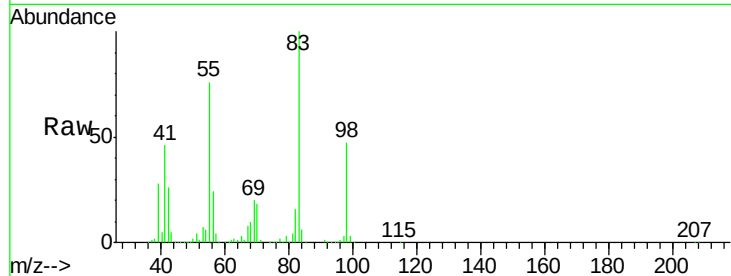




#39
Methylvlcyclohexane
Concen: 50.40 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

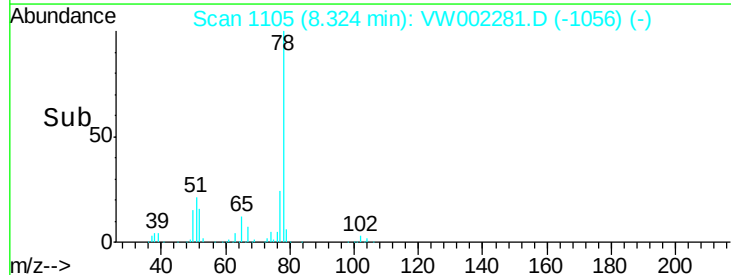
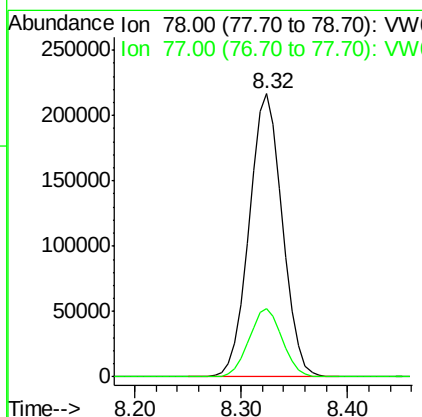
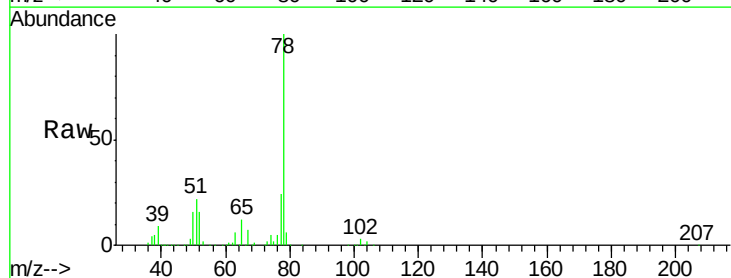
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

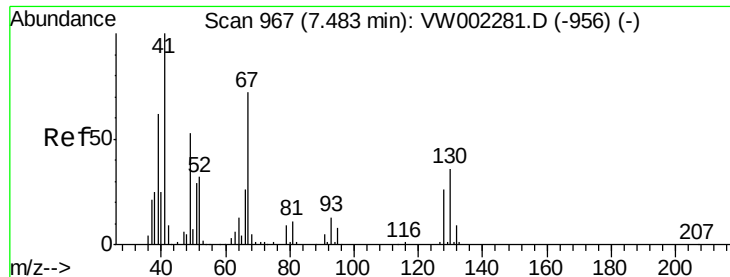
Tot Ion: 83 Resp: 191133
Ion Ratio Lower Upper
83 100
55 75.8 60.6 91.0
98 46.7 37.4 56.0



#40
Benzene
Concen: 51.45 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion: 78 Resp: 473083
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

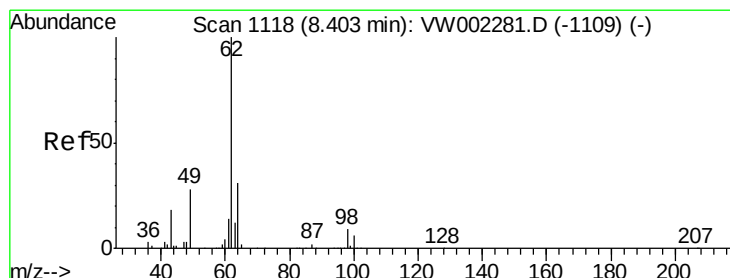
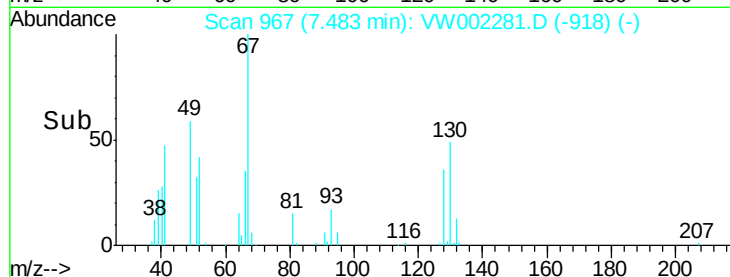
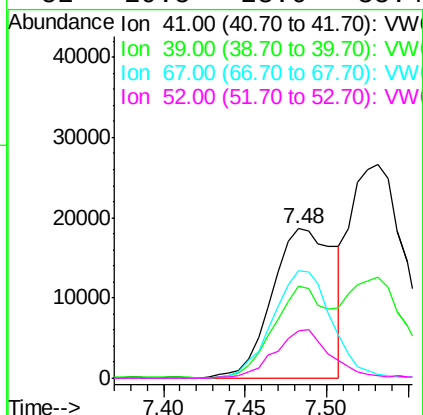
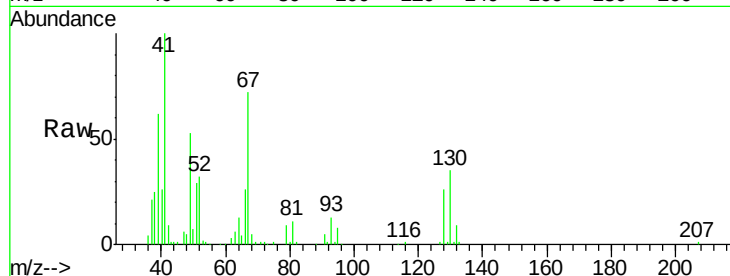




#41
Methacrylonitrile
Concen: 84.03 ug/l
RT: 7.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

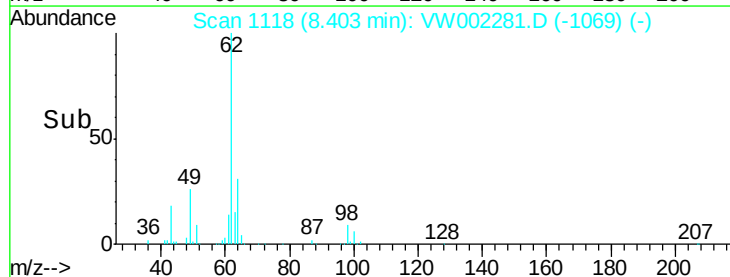
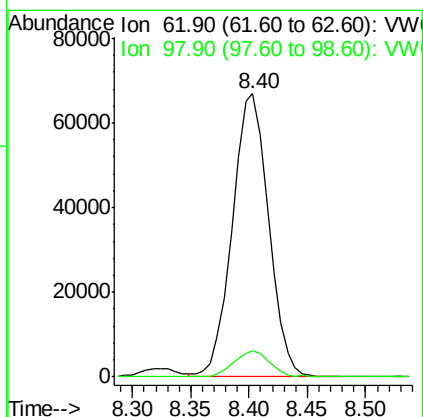
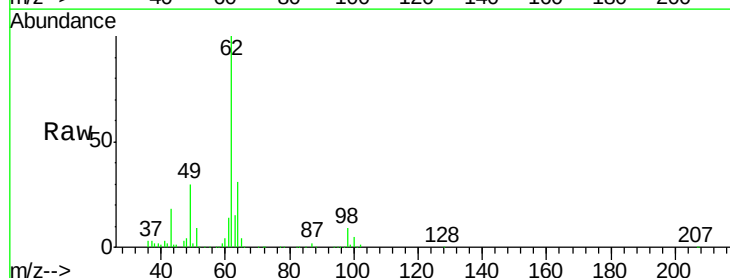
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

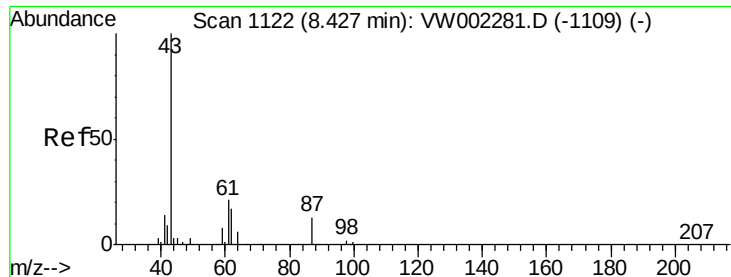
Tot Ion:	41	Resp:	49254
Ion	Ratio	Lower	Upper
41	100		
39	50.3	40.2	60.4
67	68.4	54.7	82.1
52	29.5	23.6	35.4



#42
1,2-Dichloroethane
Concen: 51.20 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion:	62	Resp:	145161
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 72.08 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

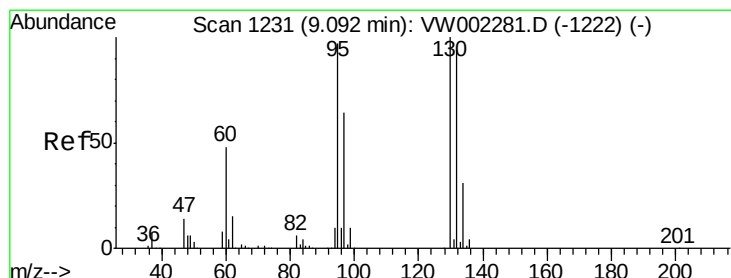
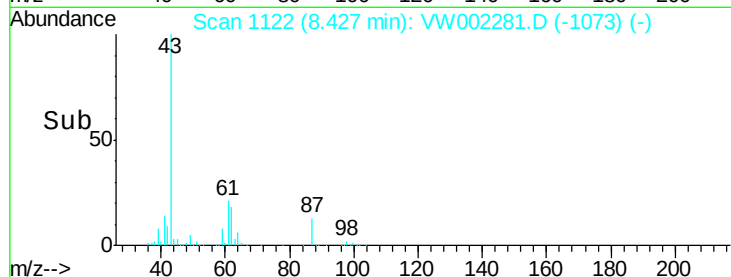
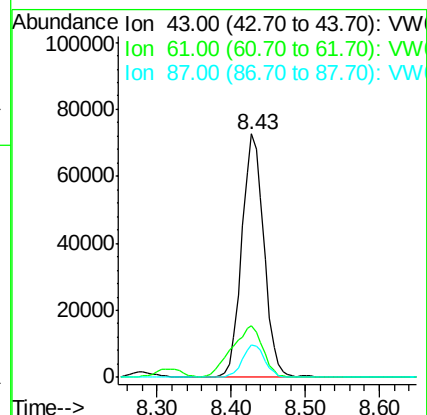
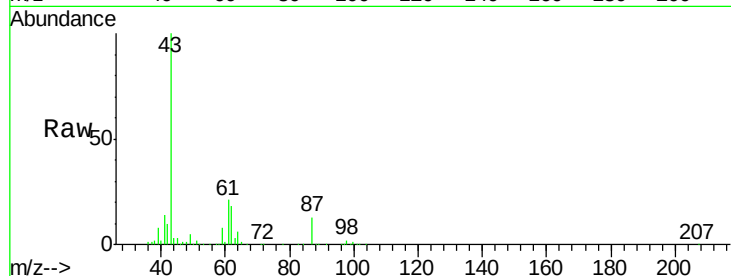
Tot Ion: 43 Resp: 151238

Ion Ratio Lower Upper

43 100

61 29.6 23.7 35.5

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 43.76 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW002281.D

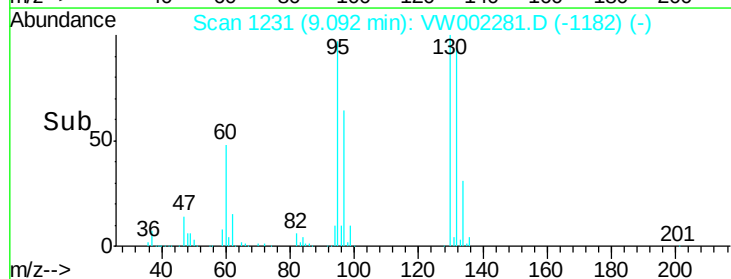
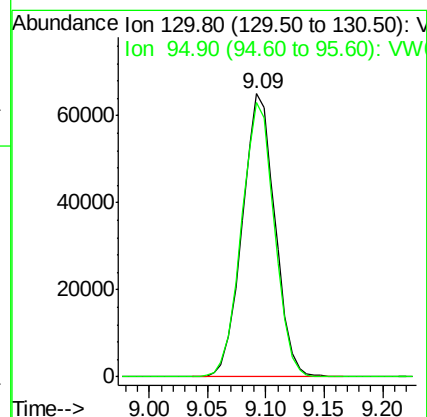
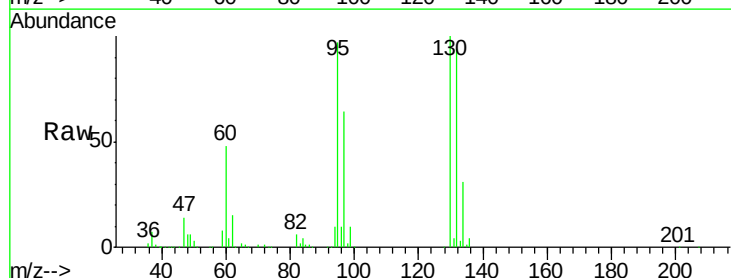
Acq: 08 May 2018 01:01

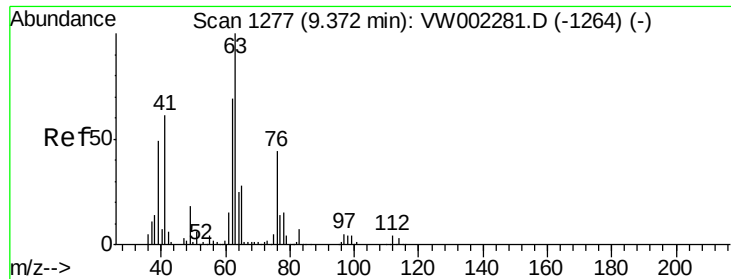
Tgt Ion: 130 Resp: 127066

Ion Ratio Lower Upper

130 100

95 96.7 0.0 193.4

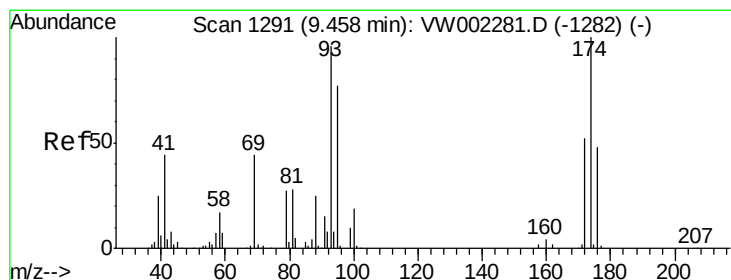
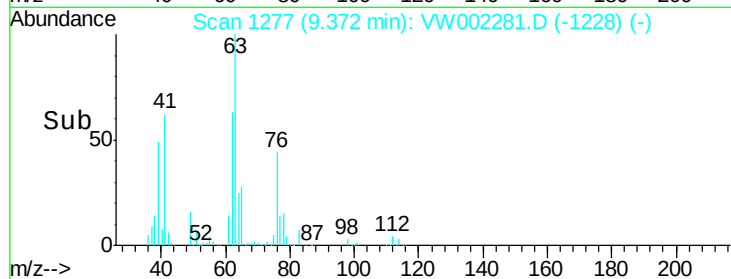
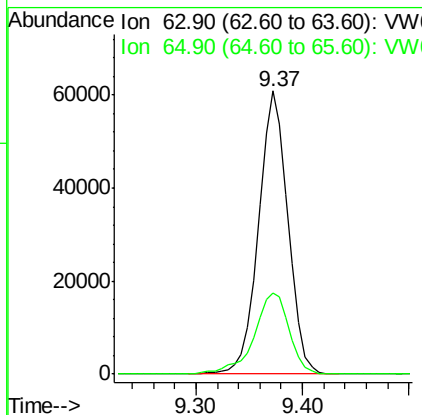
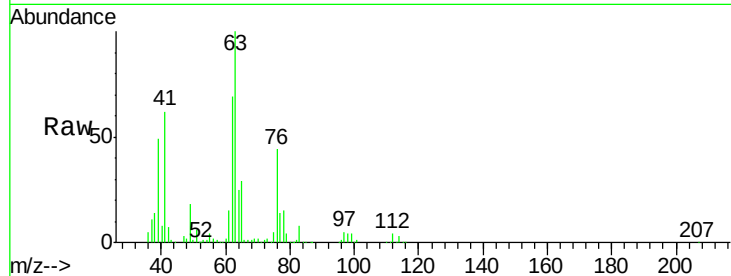




#45
 1,2-Dichloropropane
 Concen: 56.07 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

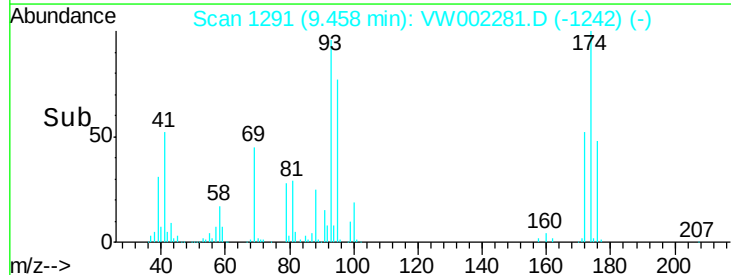
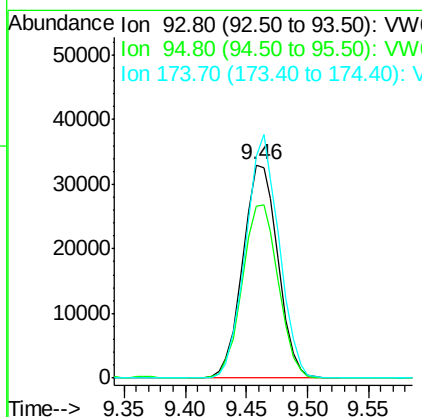
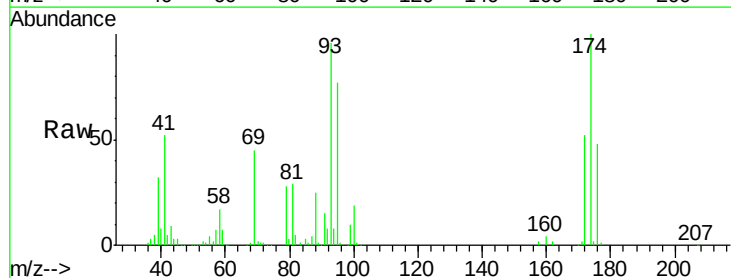
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

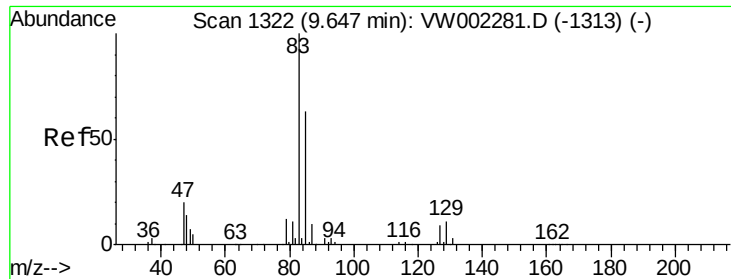
Tot Ion: 63 Resp: 117467
 Ion Ratio Lower Upper
 63 100
 65 28.6 22.9 34.3



#46
 Dibromomethane
 Concen: 55.30 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion: 93 Resp: 65990
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 108.5 86.8 130.2

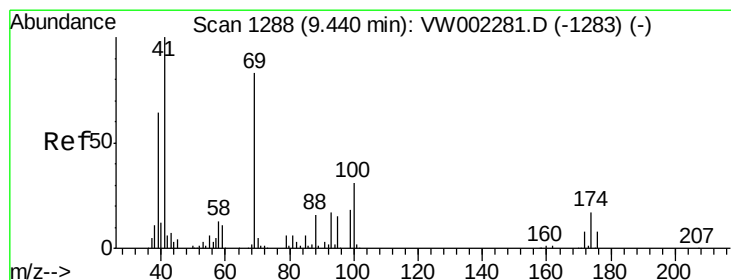
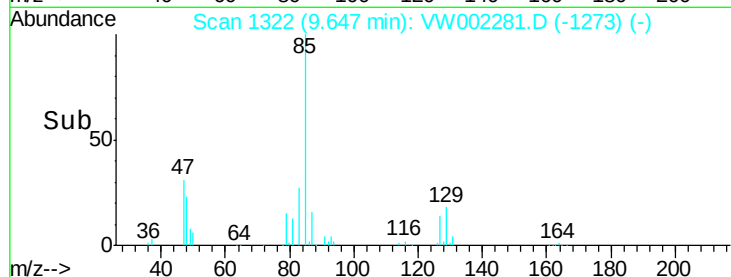
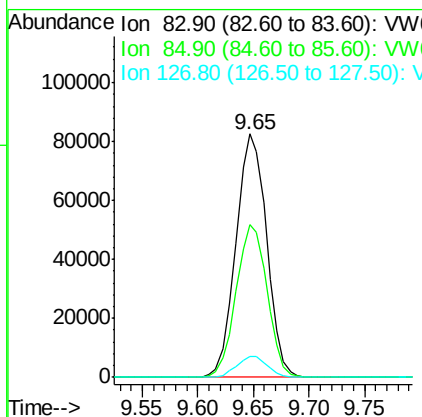
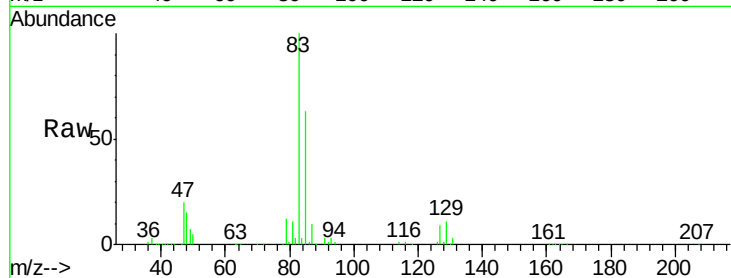




#47
 Bromodichloromethane
 Concen: 49.33 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

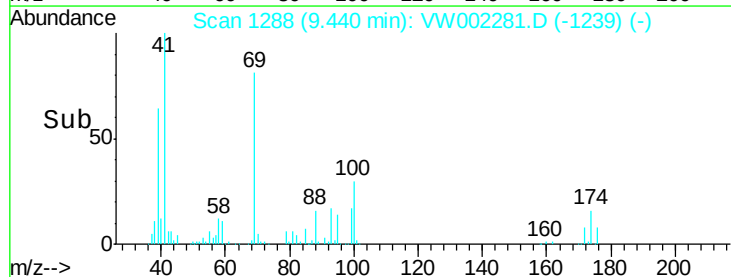
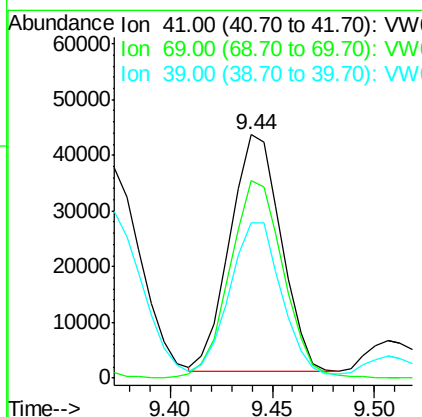
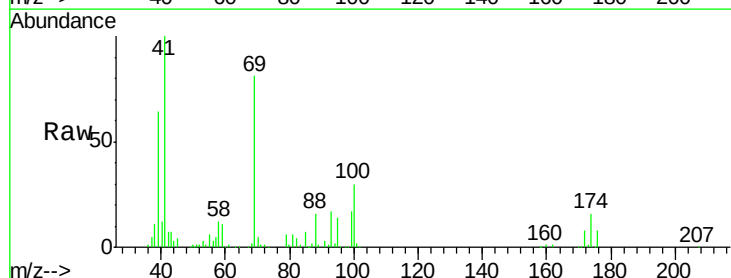
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

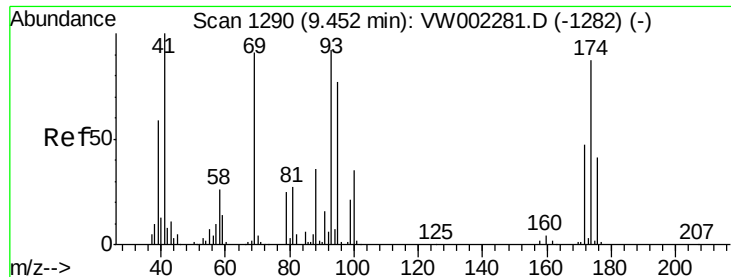
Tot Ion: 83 Resp: 157613
 Ion Ratio Lower Upper
 83 100
 85 62.7 50.2 75.2
 127 8.6 6.9 10.3



#48
 Methyl methacrylate
 Concen: 72.88 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion: 41 Resp: 74053
 Ion Ratio Lower Upper
 41 100
 69 87.4 69.9 104.9
 39 67.5 54.0 81.0





#49

1,4-Dioxane

Concen: 1118.70 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

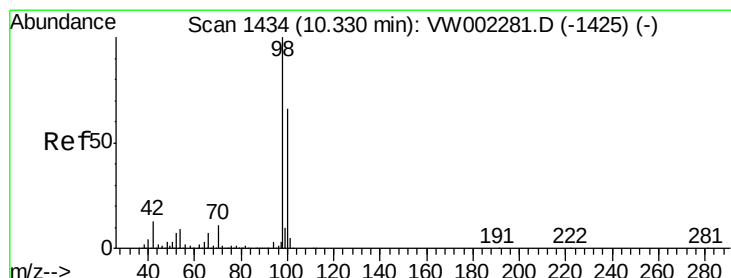
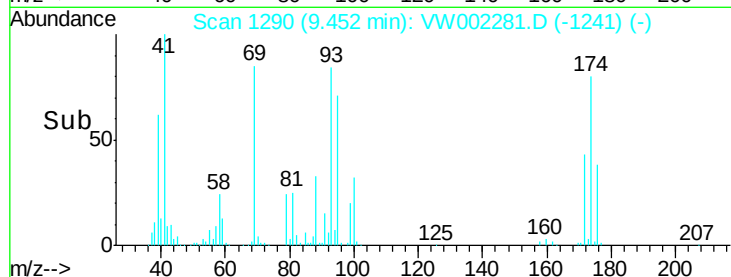
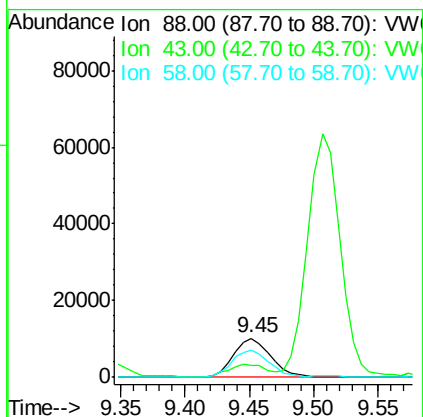
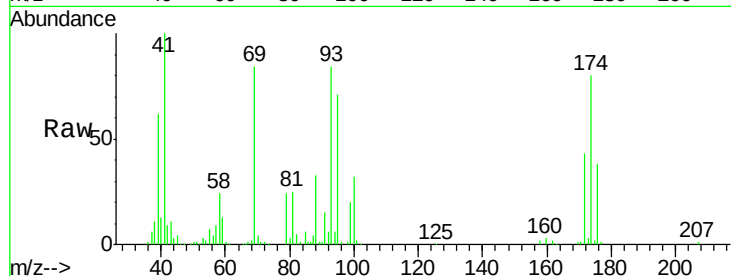
Tot Ion: 88 Resp: 20490

Ion Ratio Lower Upper

88 100

43 32.9 26.3 39.5

58 70.0 56.0 84.0



#50

Toluene-d8

Concen: 53.50 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002281.D

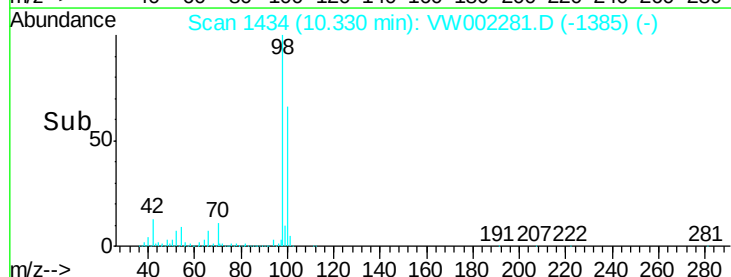
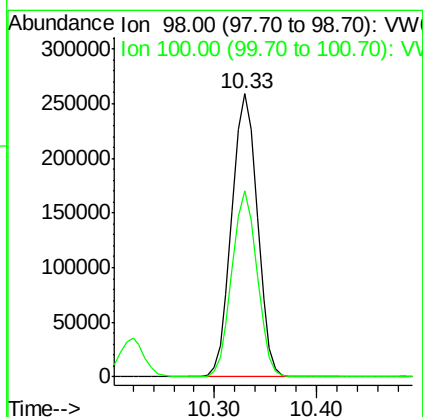
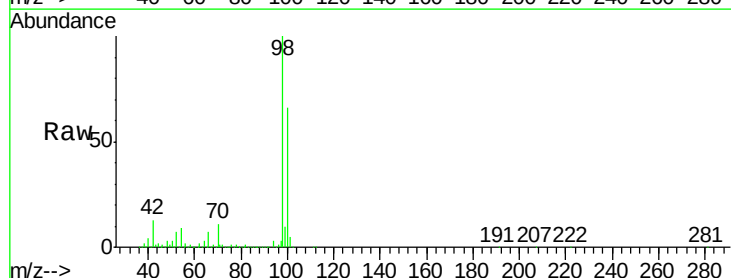
Acq: 08 May 2018 01:01

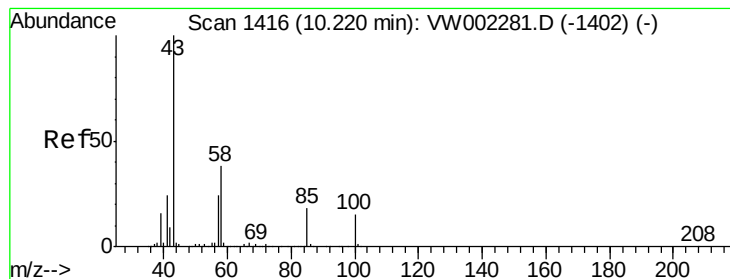
Tgt Ion: 98 Resp: 450756

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 389.89 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampled :

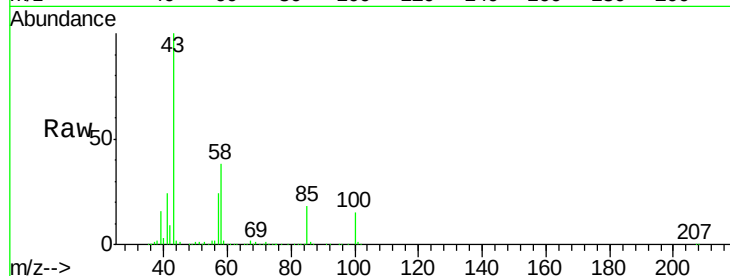
VSTDICCC050

Tot Ion: 43 Resp: 411445

Ion Ratio Lower Upper

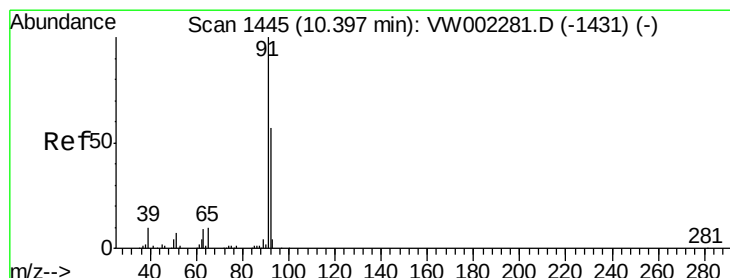
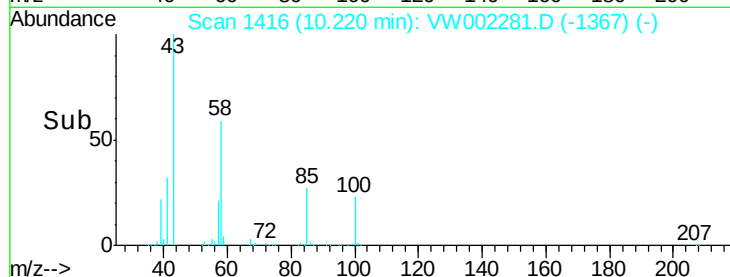
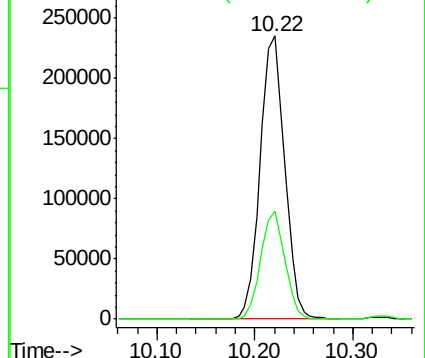
43 100

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: 50.05 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW002281.D

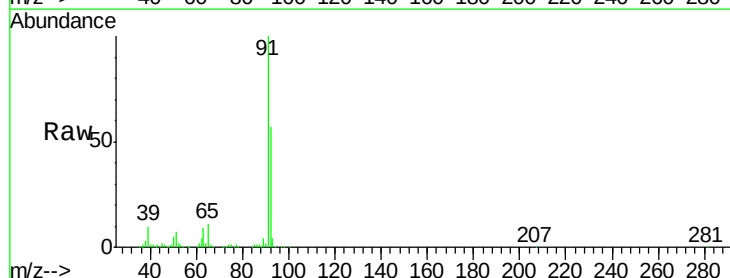
Acq: 08 May 2018 01:01

Tgt Ion: 92 Resp: 303578

Ion Ratio Lower Upper

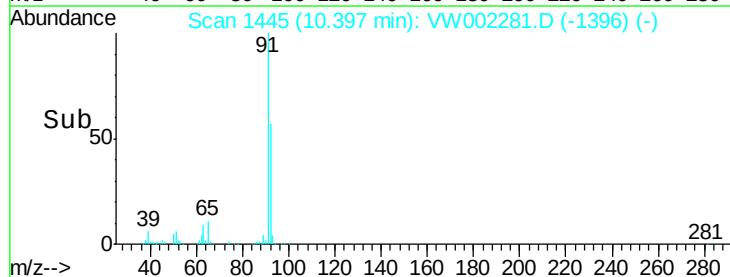
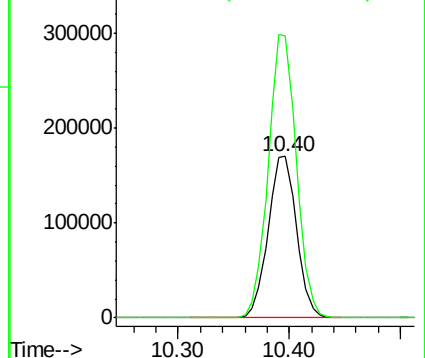
92 100

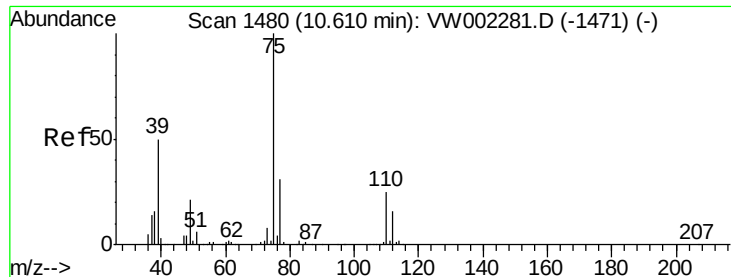
91 173.3 138.6 208.0



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: 53.85 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampled :

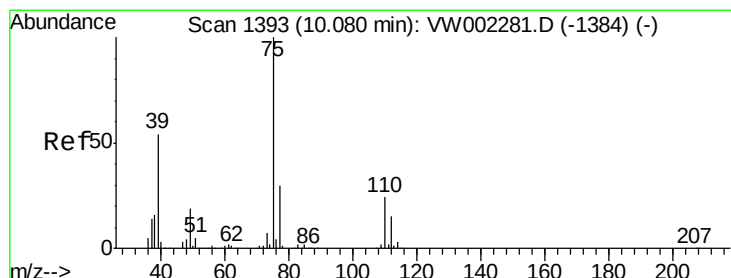
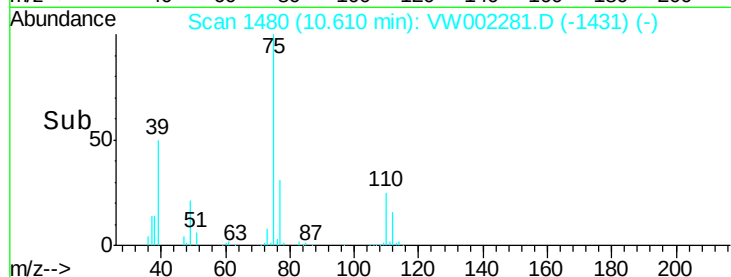
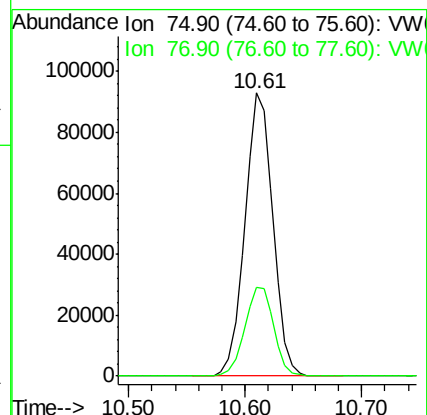
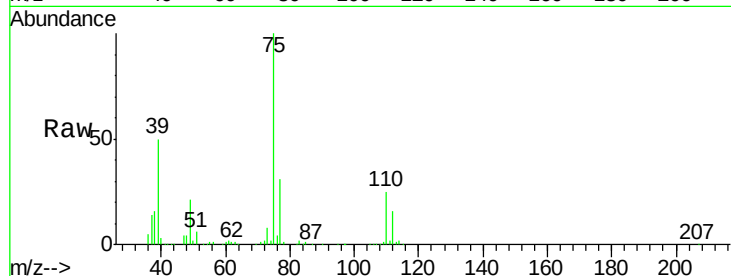
VSTDICCC050

Tot Ion: 75 Resp: 155384

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 53.32 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

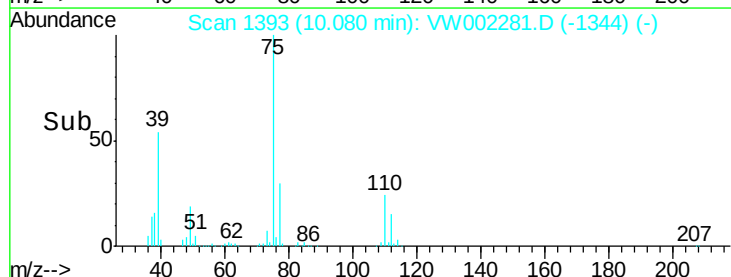
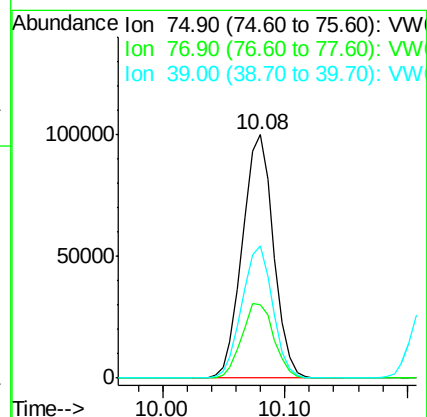
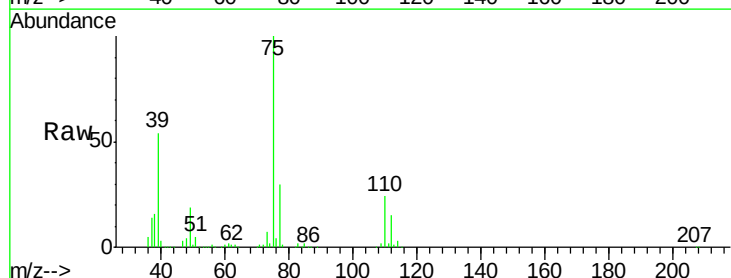
Tgt Ion: 75 Resp: 176417

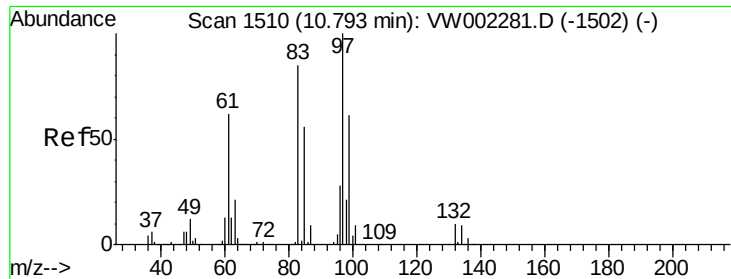
Ion Ratio Lower Upper

75 100

77 29.9 23.9 35.9

39 54.0 43.2 64.8

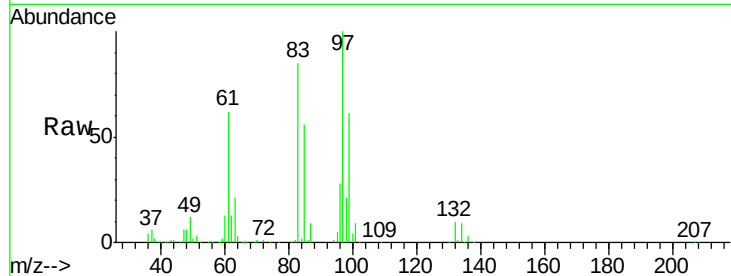




#55
 1,1,2-Trichloroethane
 Concen: 52.72 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	92327
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	55.8	44.6	67.0
99	61.0	48.8	73.2



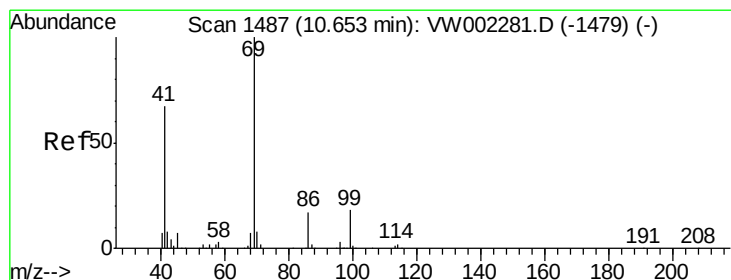
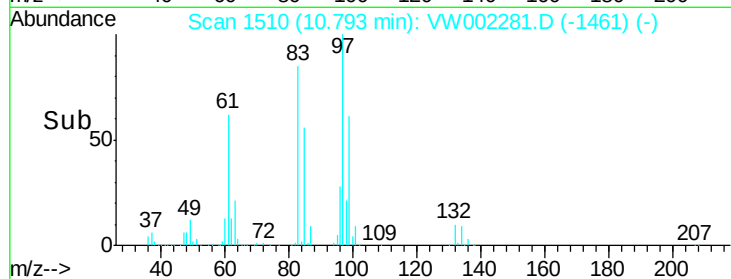
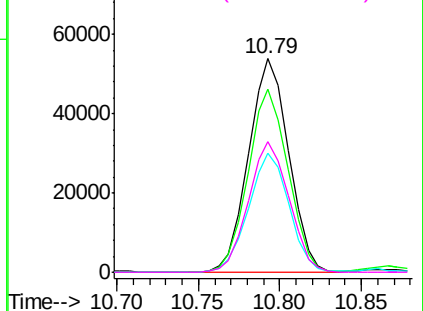
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

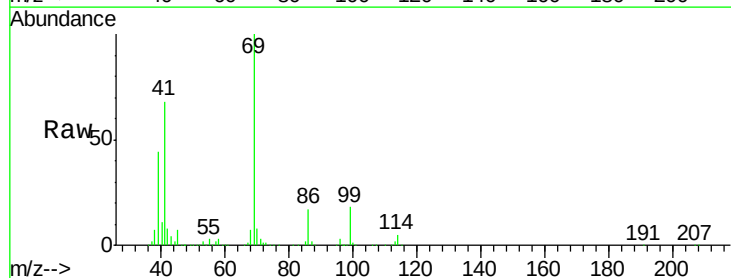
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 65.56 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion:	69	Resp:	118773
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.0	84.0
39	40.9	32.7	49.1

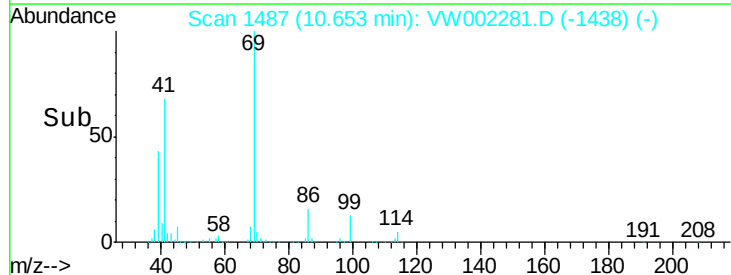
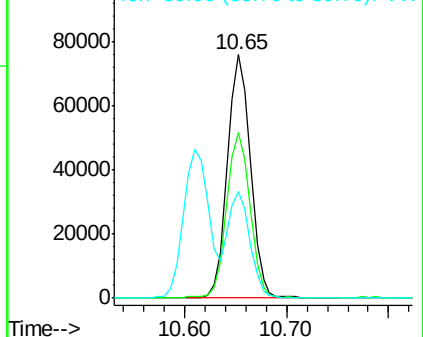


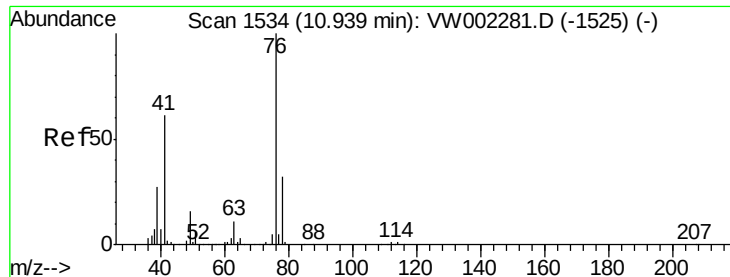
Abundance

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





#57

1,3-Dichloropropane

Concen: 57.76 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

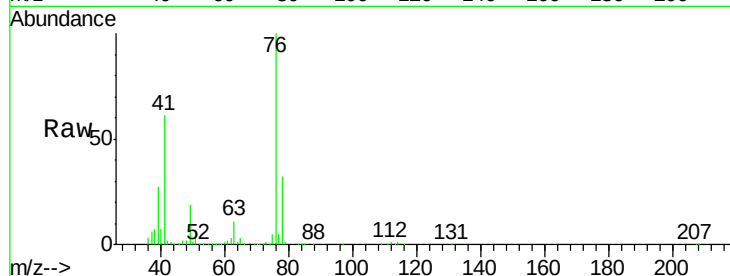
VSTDICCC050

Tot Ion: 76 Resp: 158446

Ion Ratio Lower Upper

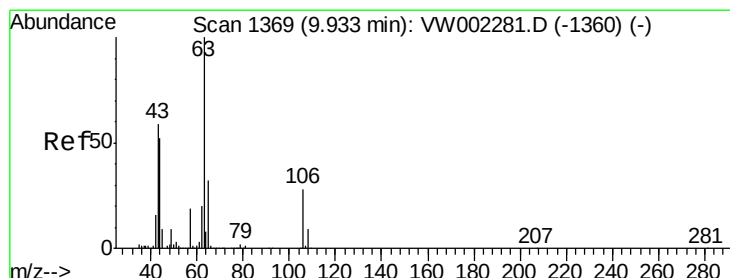
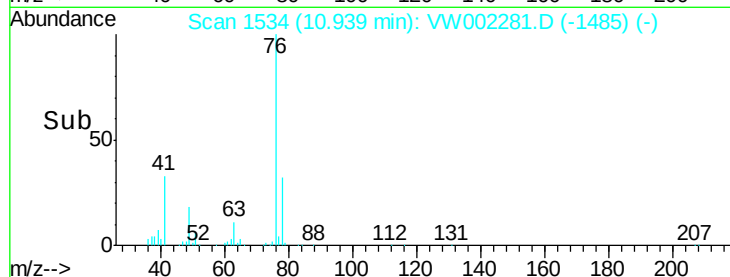
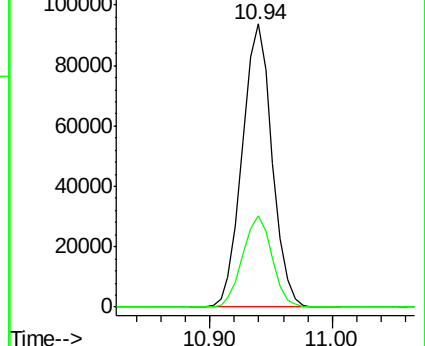
76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 360.86 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW002281.D

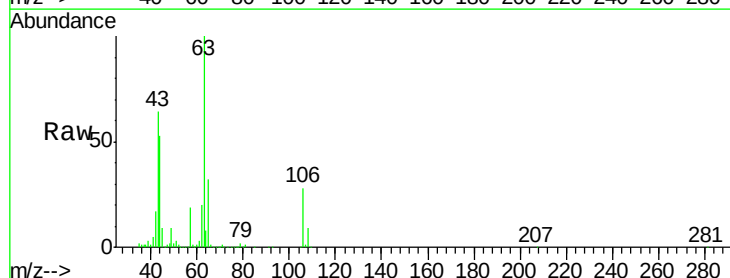
Acq: 08 May 2018 01:01

Tgt Ion: 63 Resp: 284640

Ion Ratio Lower Upper

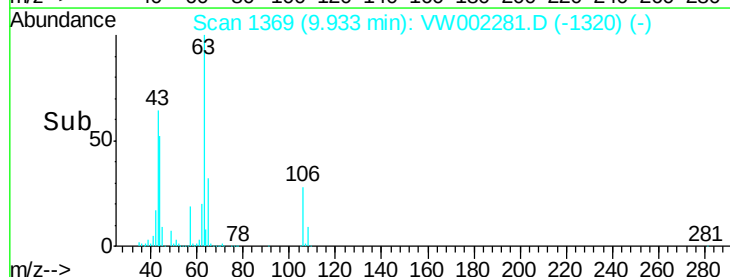
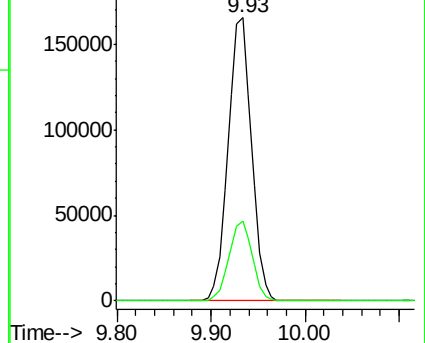
63 100

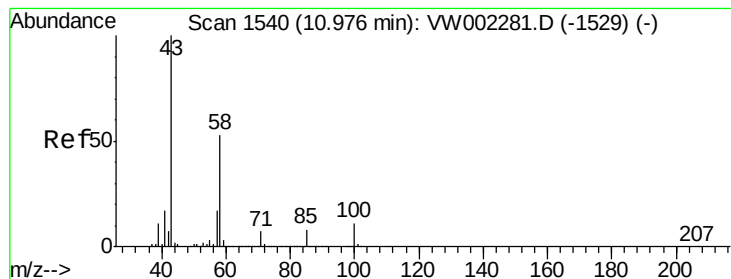
106 28.1 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 379.74 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

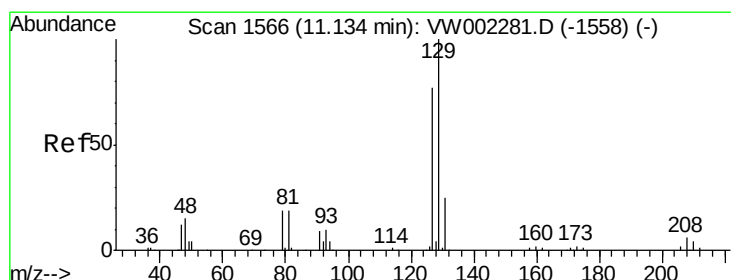
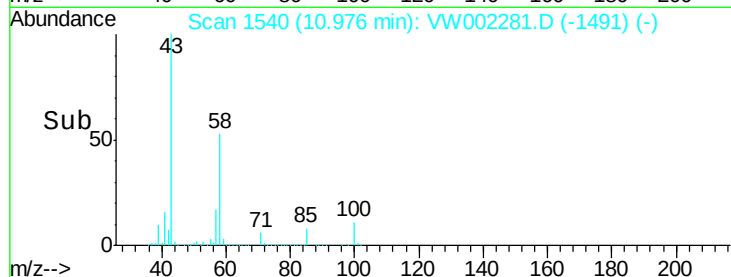
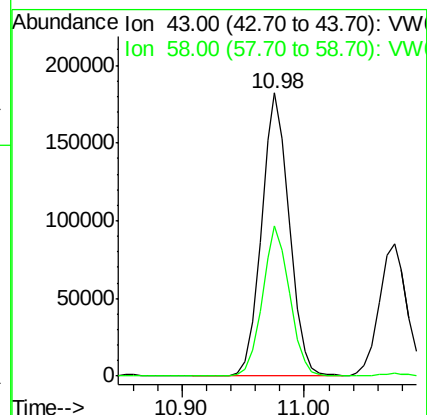
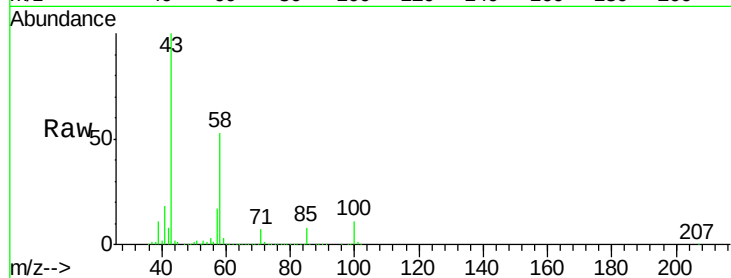
VSTDICCC050

Tot Ion: 43 Resp: 287287

Ion Ratio Lower Upper

43 100

58 52.0 26.0 78.0



#60

Dibromochloromethane

Concen: 47.11 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW002281.D

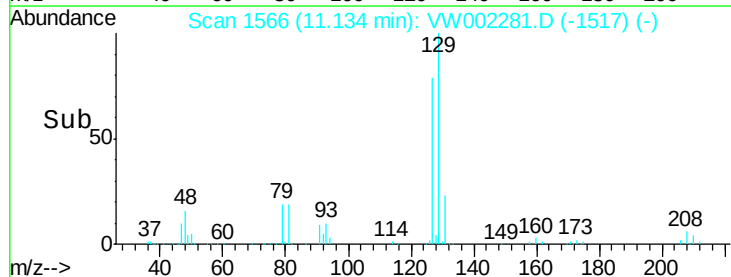
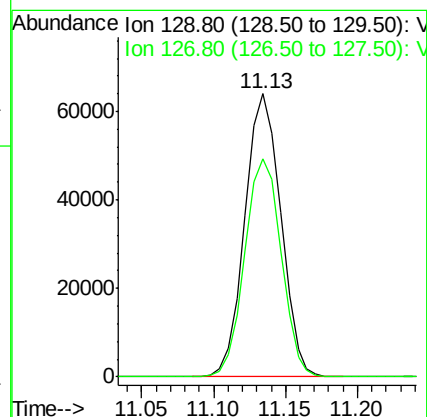
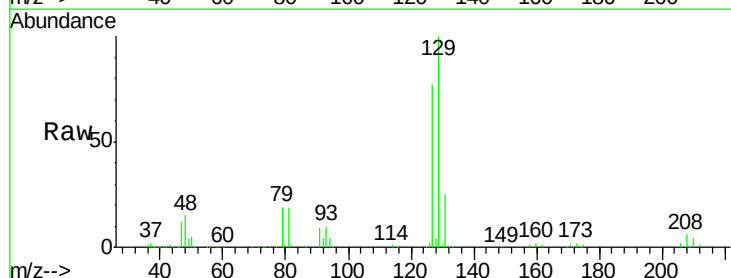
Acq: 08 May 2018 01:01

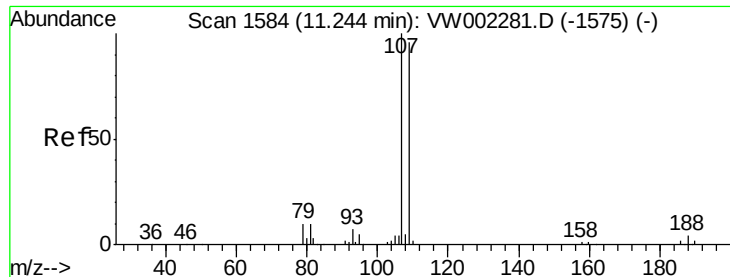
Tgt Ion: 129 Resp: 110986

Ion Ratio Lower Upper

129 100

127 77.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 56.30 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

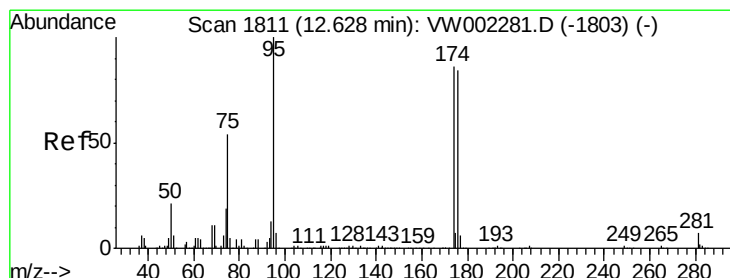
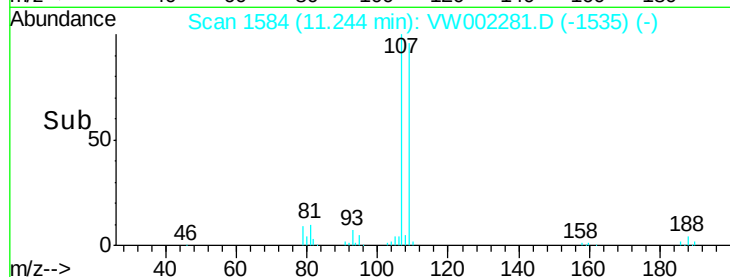
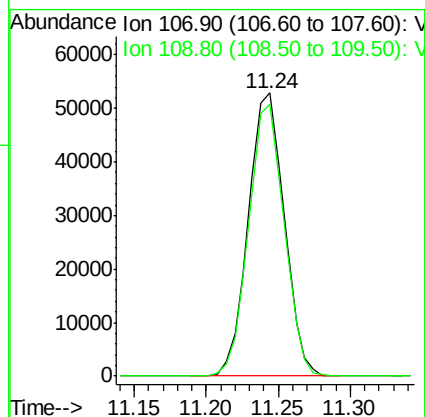
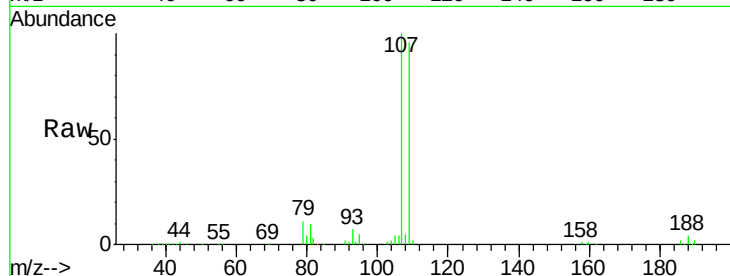
VSTDICCC050

Tot Ion:107 Resp: 91411

Ion Ratio Lower Upper

107 100

109 94.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.82 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

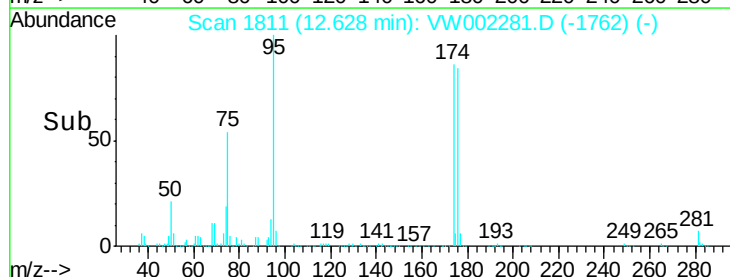
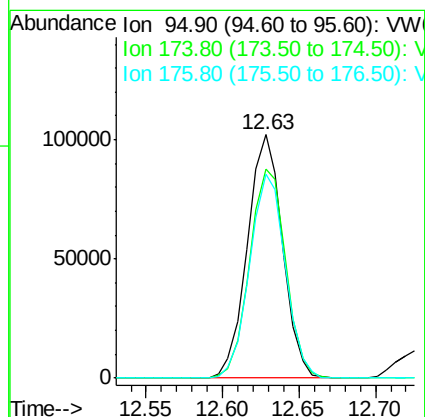
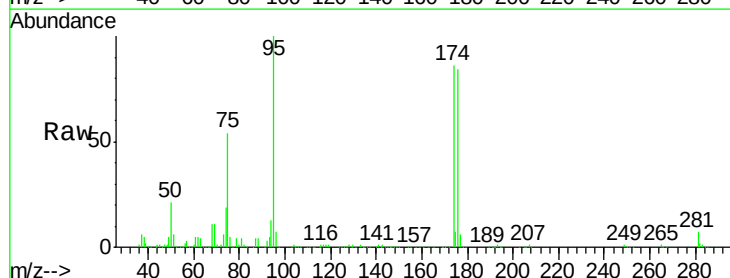
Tgt Ion: 95 Resp: 162757

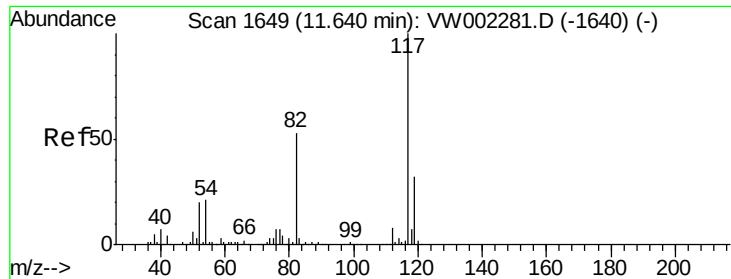
Ion Ratio Lower Upper

95 100

174 88.4 0.0 176.8

176 85.2 0.0 170.4

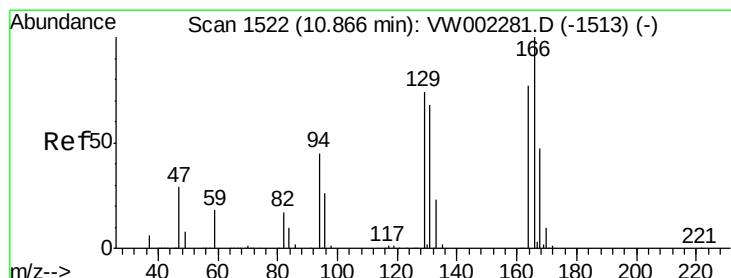
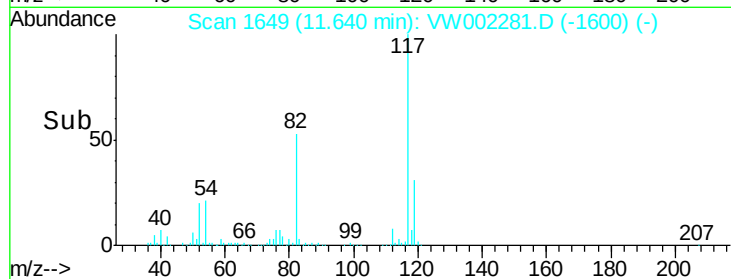
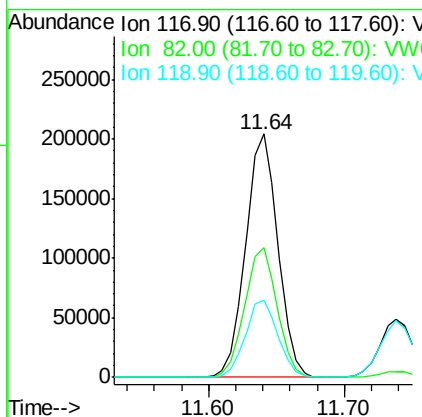
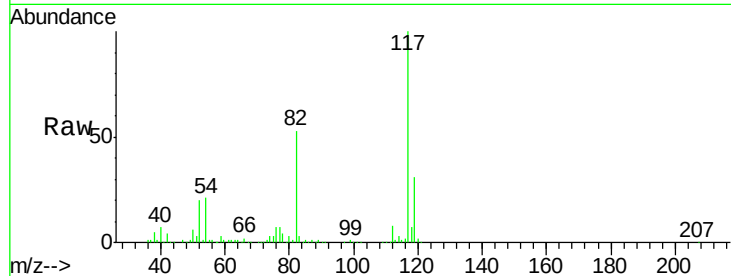




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

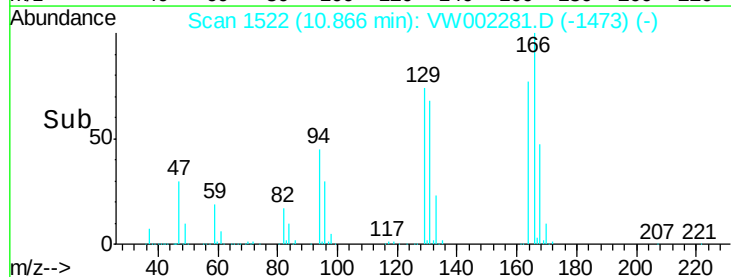
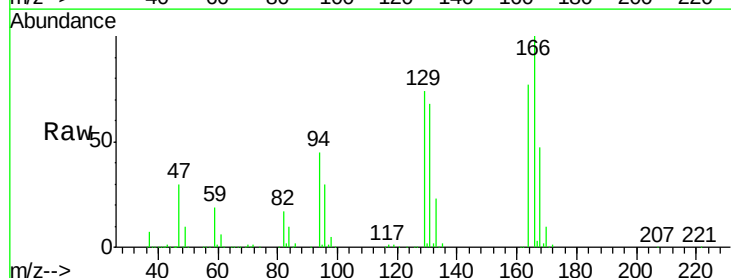
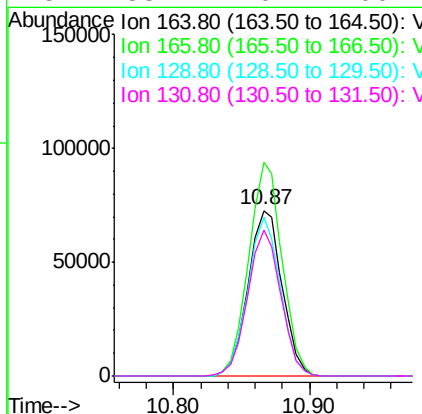
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

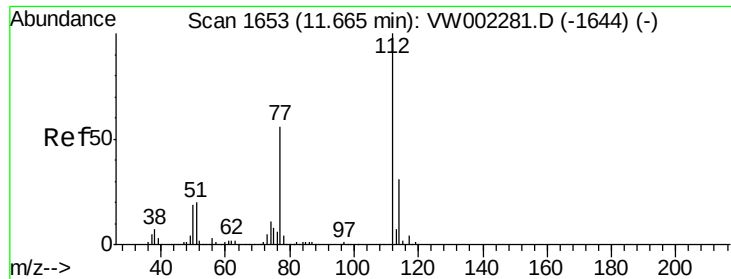
Tot Ion:117 Resp: 337873
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 44.28 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion:164 Resp: 127460
Ion Ratio Lower Upper
164 100
166 129.1 103.3 154.9
129 95.7 76.6 114.8
131 88.4 70.7 106.1

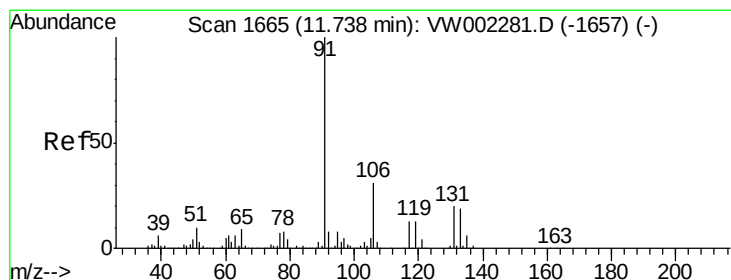
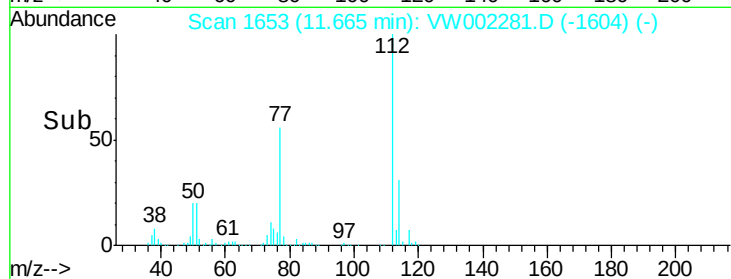
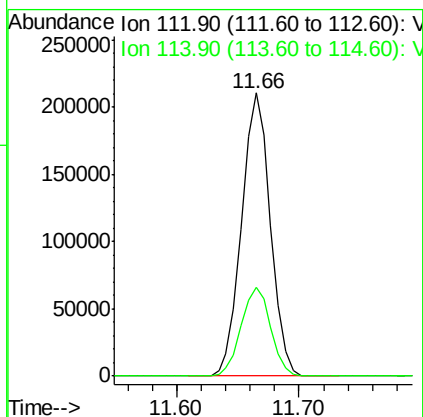
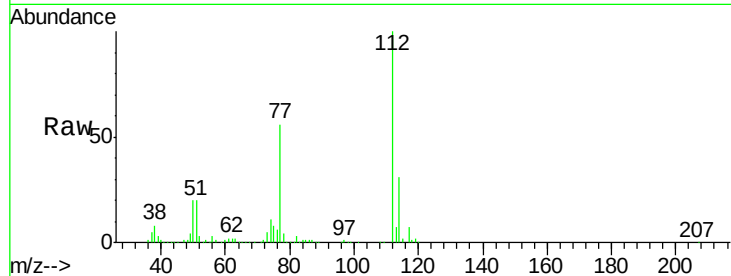




#65
Chlorobenzene
Concen: 47.76 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

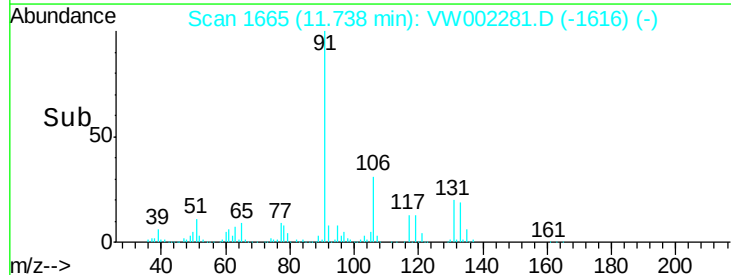
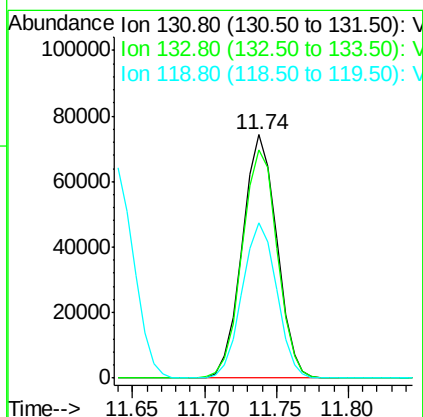
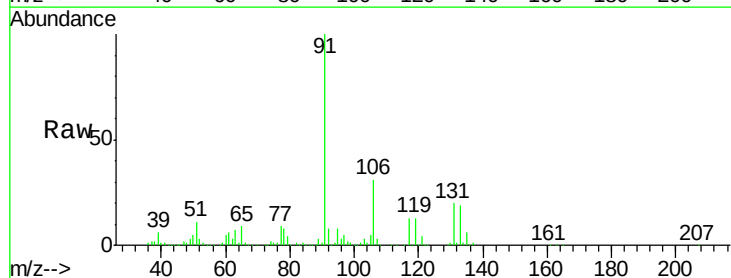
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

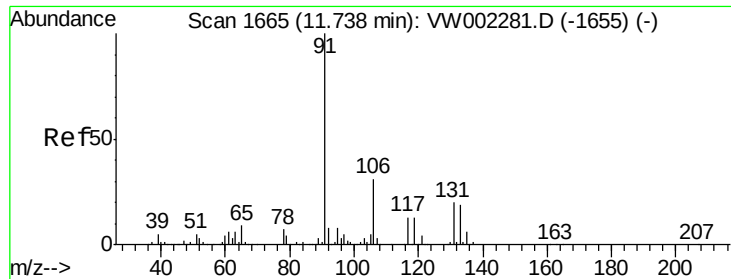
Tot Ion:112 Resp: 342793
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.26 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion:131 Resp: 123137
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 64.0 32.0 96.0

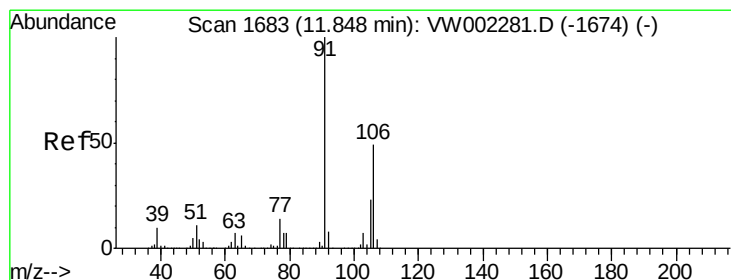
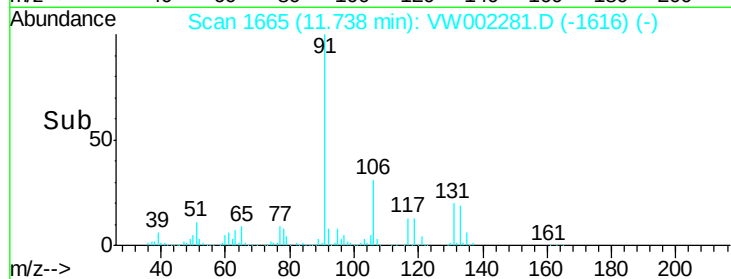
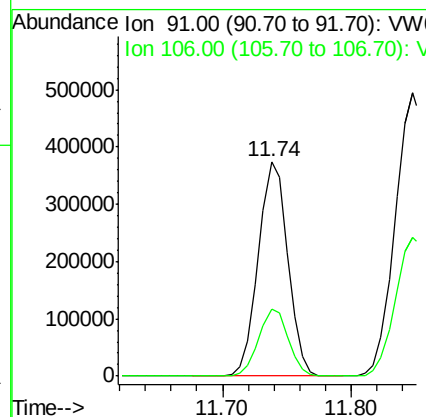
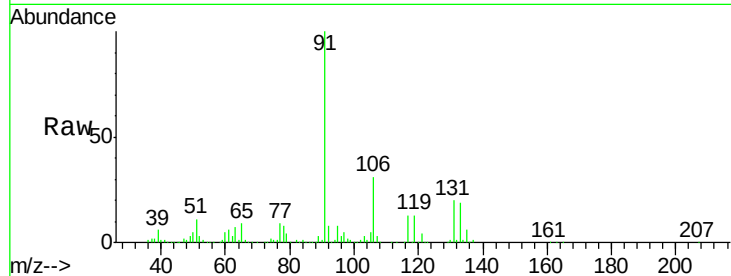




#67
Ethyl Benzene
Concen: 50.52 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

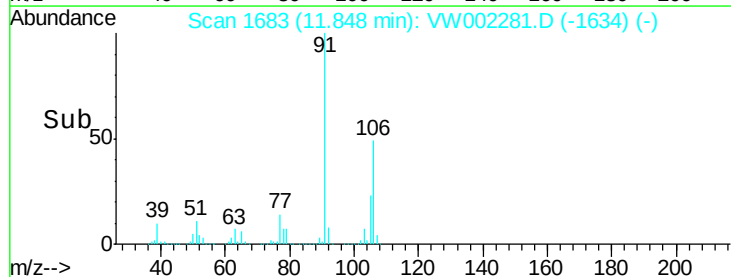
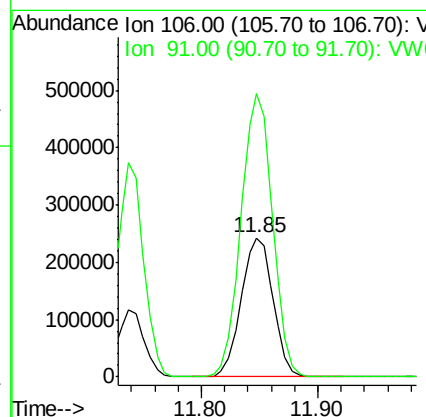
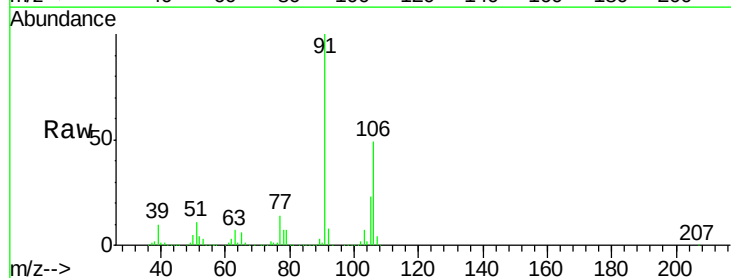
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

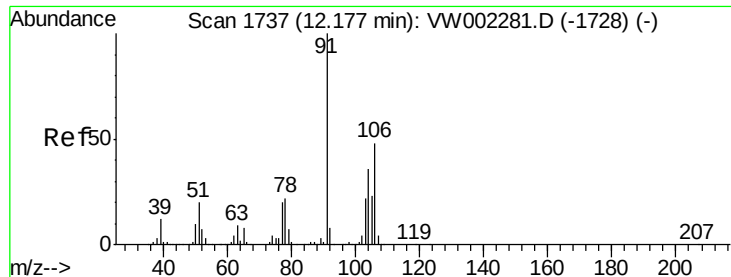
Tot Ion: 91 Resp: 591934
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 97.73 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion: 106 Resp: 460913
Ion Ratio Lower Upper
106 100
91 201.7 161.4 242.0

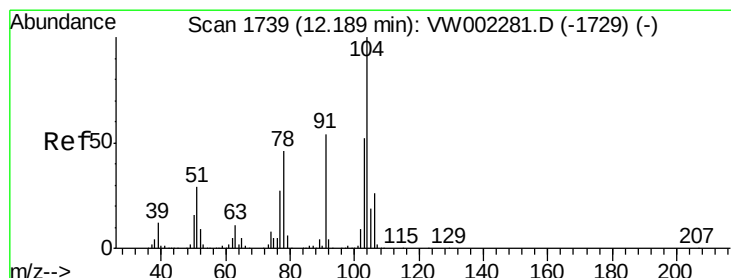
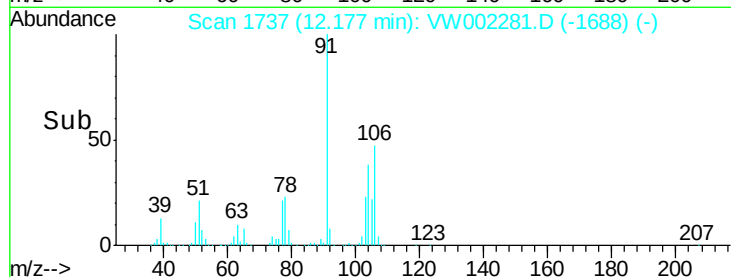
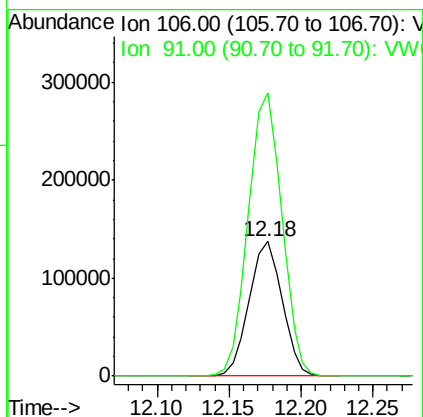
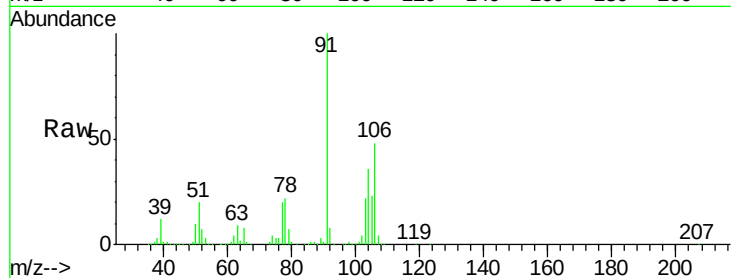




#69
o-Xylene
Concen: 51.43 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

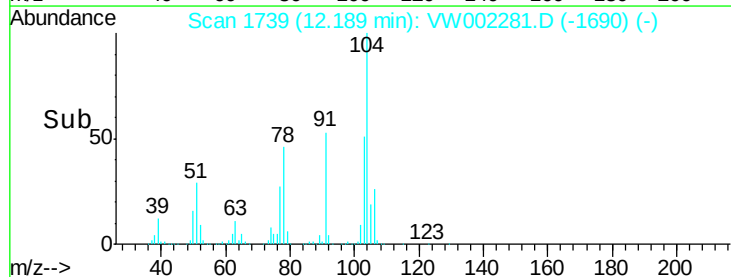
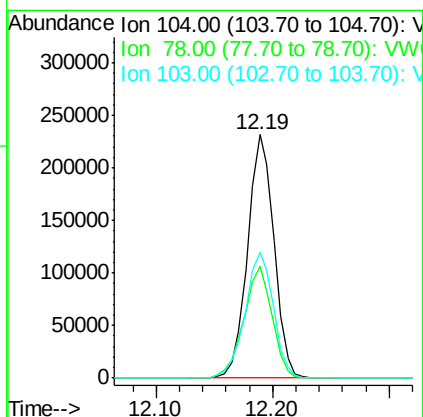
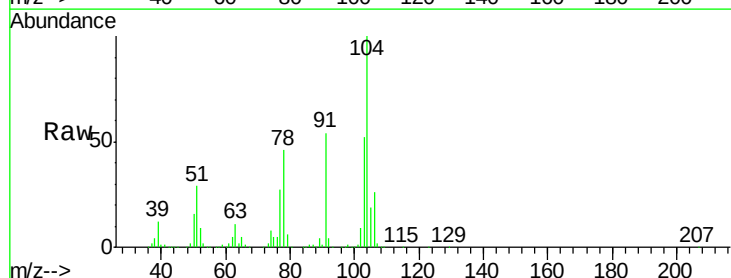
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

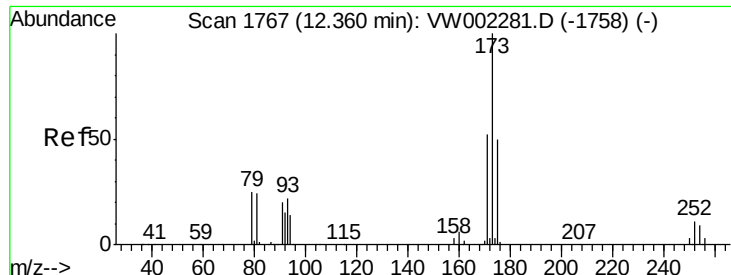
Tot Ion:106 Resp: 218352
Ion Ratio Lower Upper
106 100
91 214.1 107.1 321.1



#70
Styrene
Concen: 51.81 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion:104 Resp: 366241
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 47.42 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

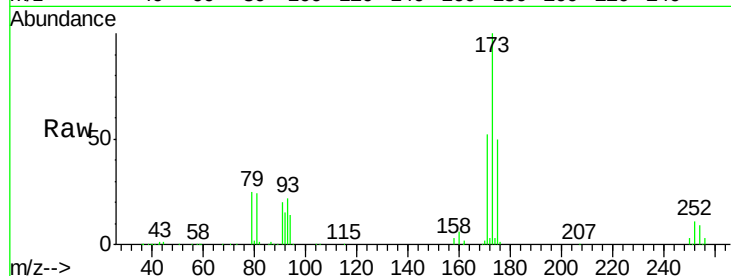
Tot Ion:173 Resp: 71013

Ion Ratio Lower Upper

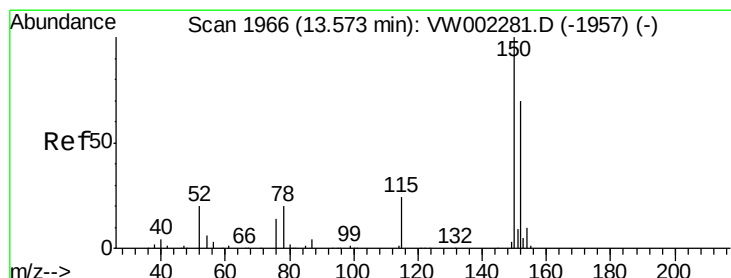
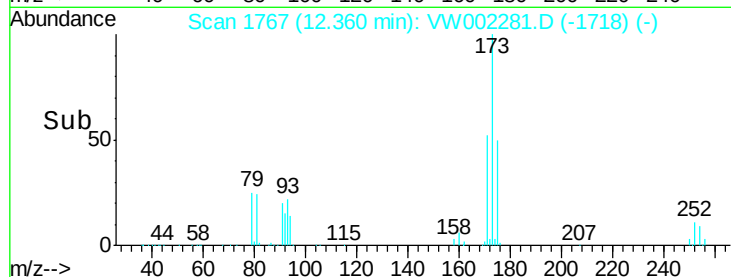
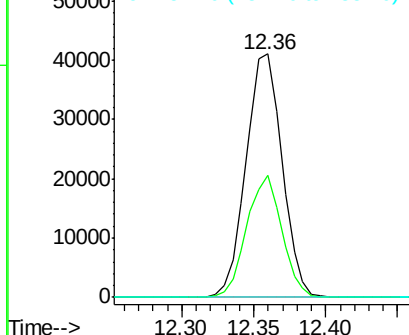
173 100

175 48.6 24.3 72.9

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

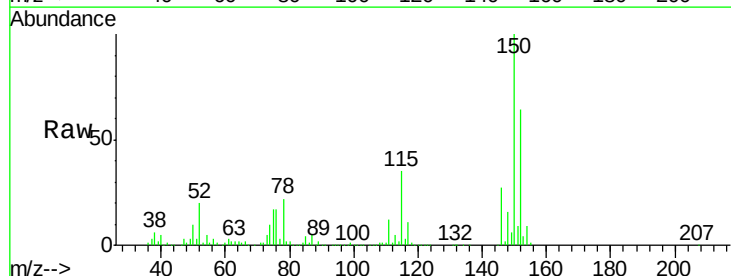
Tgt Ion:152 Resp: 185810

Ion Ratio Lower Upper

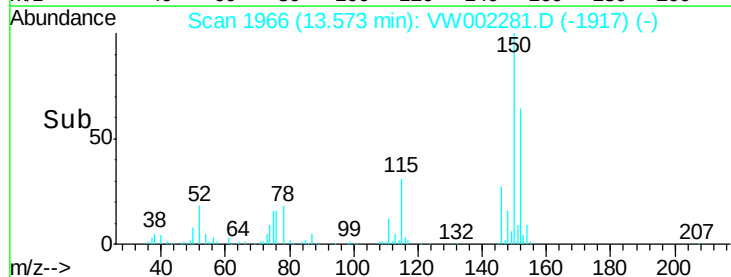
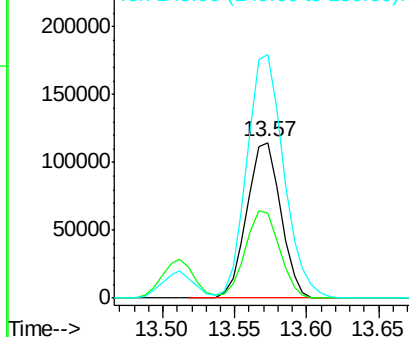
152 100

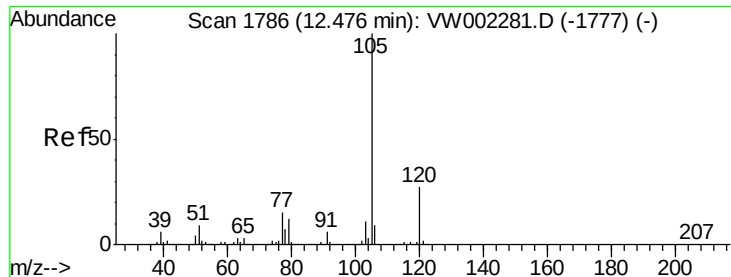
115 57.0 28.5 85.5

150 171.3 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: 52.01 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

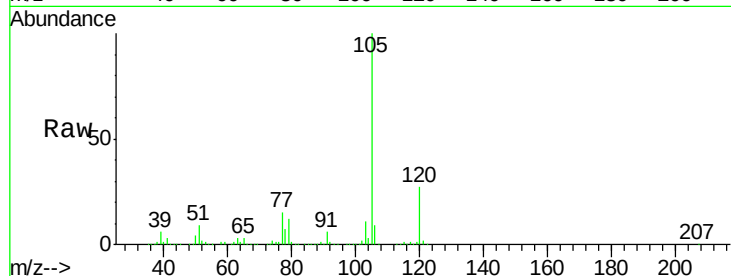
VSTDICCC050

Tot Ion:105 Resp: 597750

Ion Ratio Lower Upper

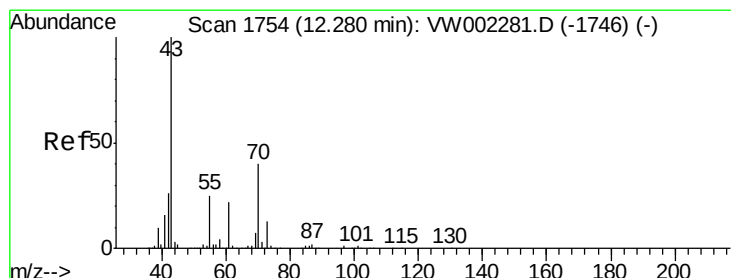
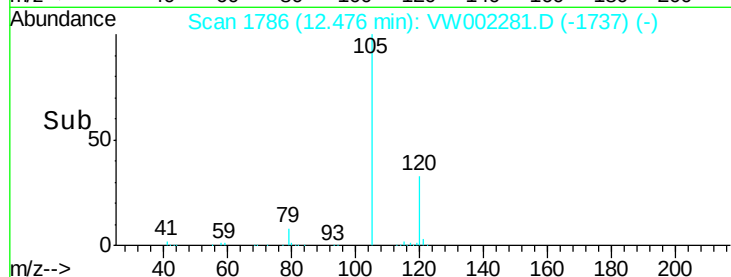
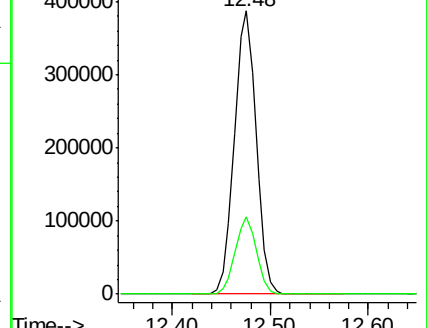
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 80.87 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Tgt Ion: 43 Resp: 150606

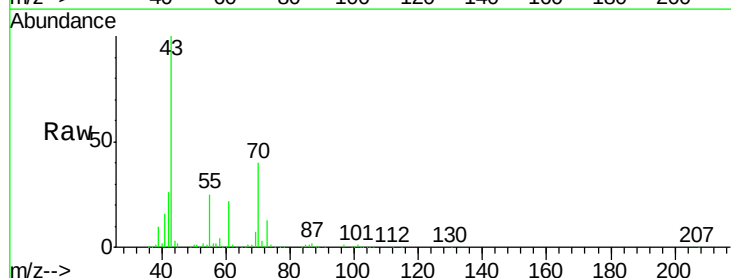
Ion Ratio Lower Upper

43 100

70 39.9 31.9 47.9

55 24.9 19.9 29.9

61 22.7 18.2 27.2

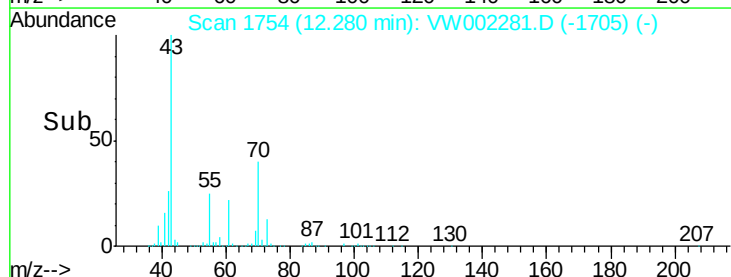
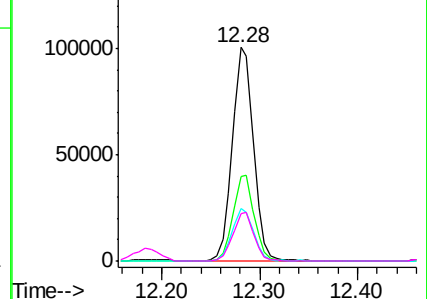


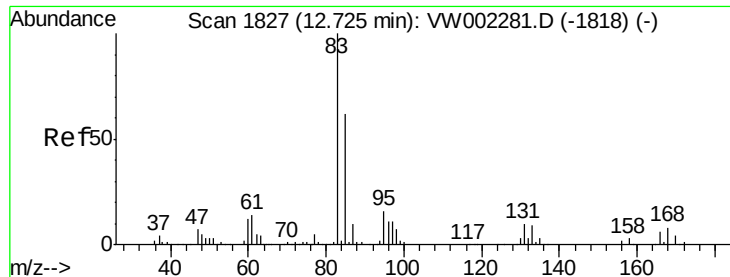
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 65.08 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

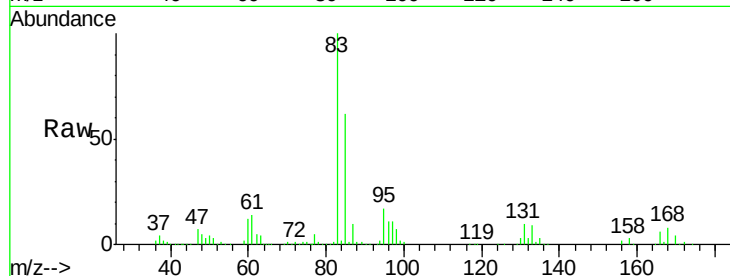
Tot Ion: 83 Resp: 113912

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

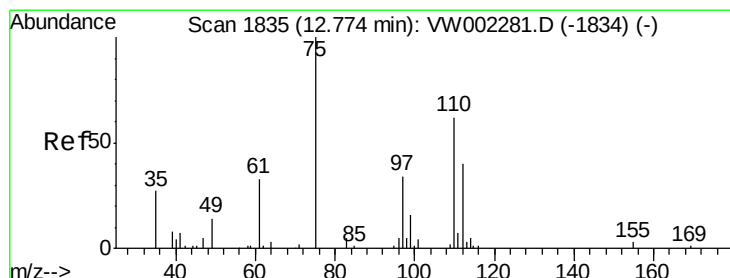
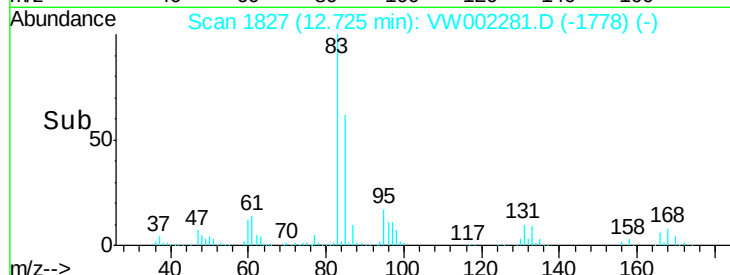
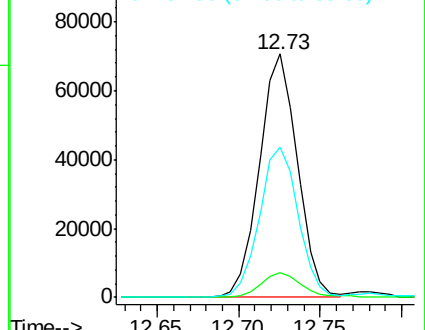
85 63.0 31.5 94.5



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: 55.11 ug/l m

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW002281.D

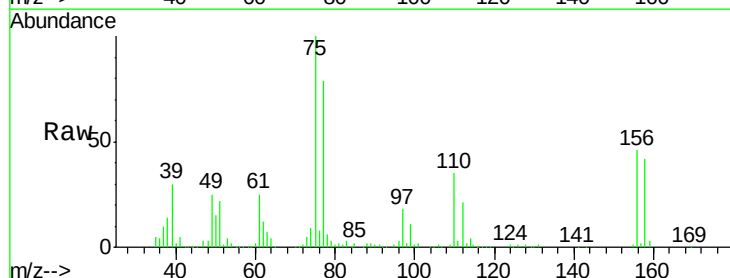
Acq: 08 May 2018 01:01

Tgt Ion: 75 Resp: 69316

Ion Ratio Lower Upper

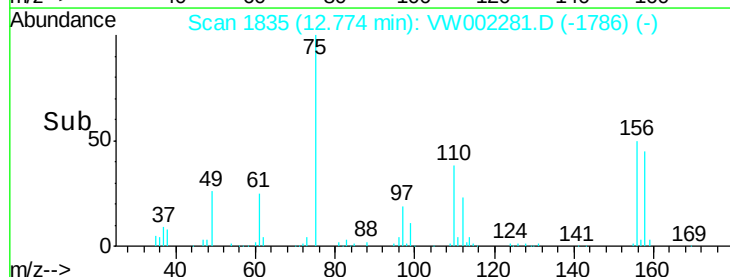
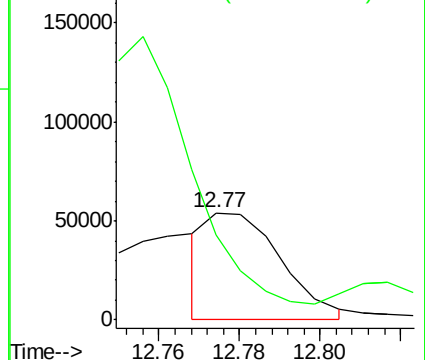
75 100

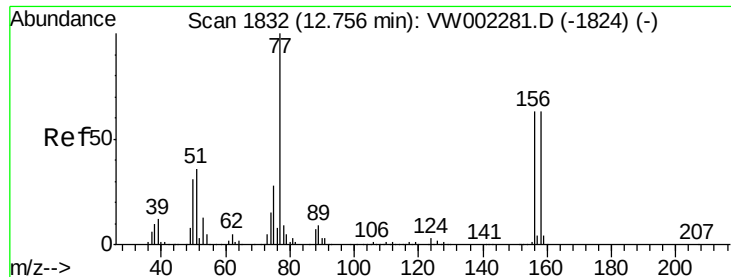
77 375.1 187.5 562.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.30 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

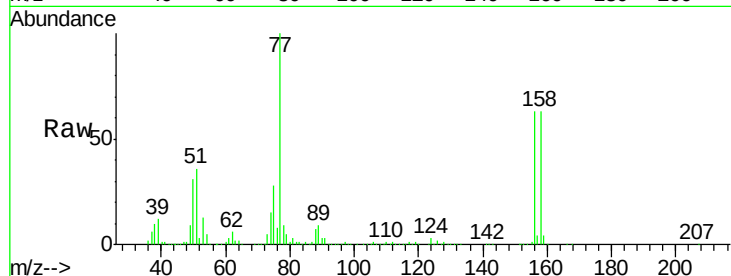
Tot Ion:156 Resp: 148230

Ion Ratio Lower Upper

156 100

77 175.4 87.7 263.1

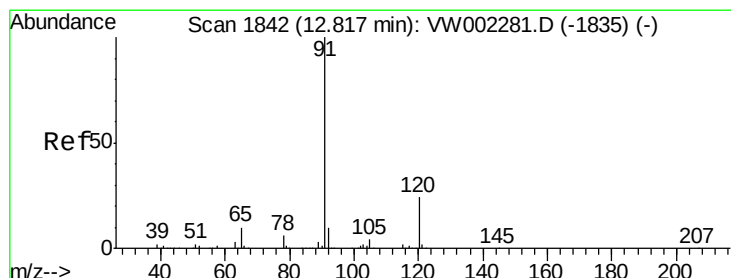
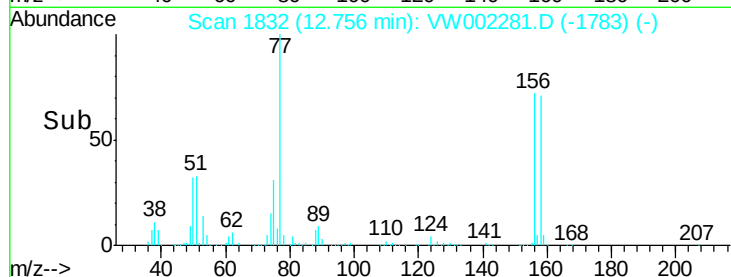
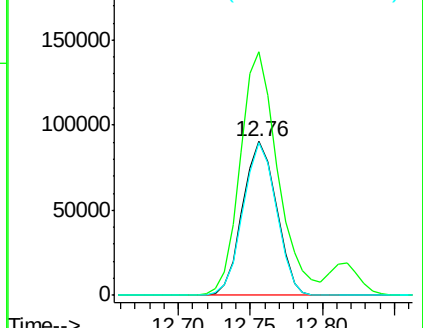
158 97.2 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.54 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW002281.D

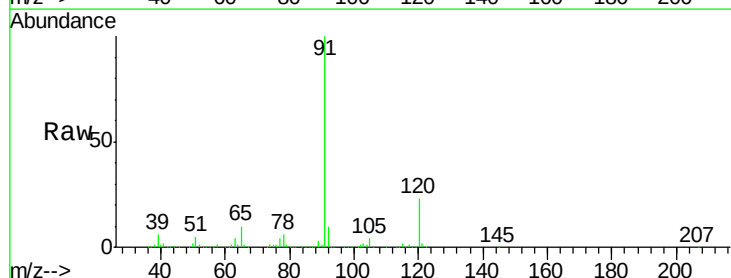
Acq: 08 May 2018 01:01

Tgt Ion: 91 Resp: 719412

Ion Ratio Lower Upper

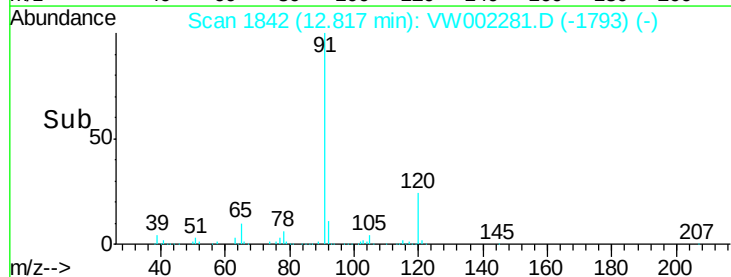
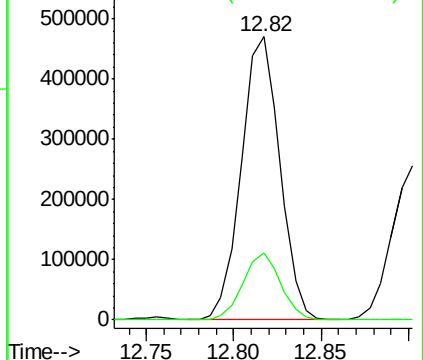
91 100

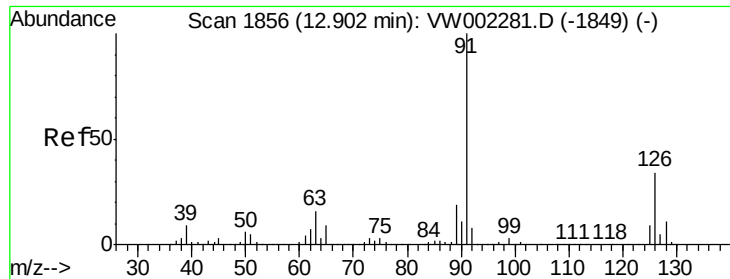
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

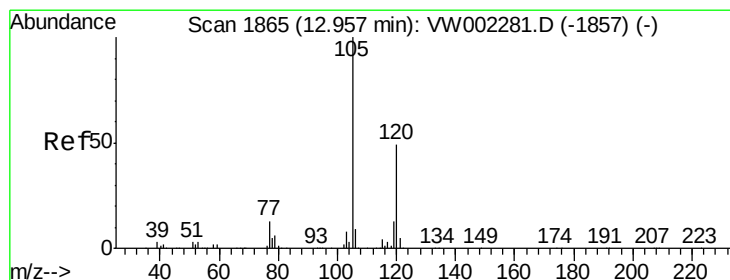
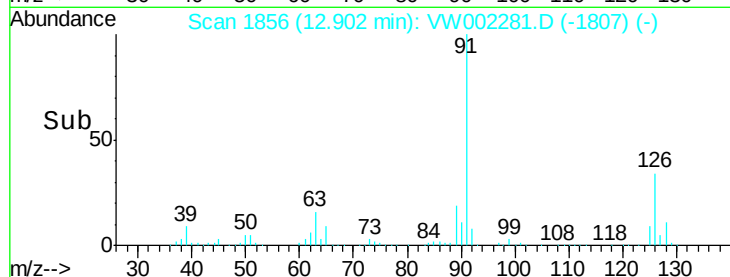
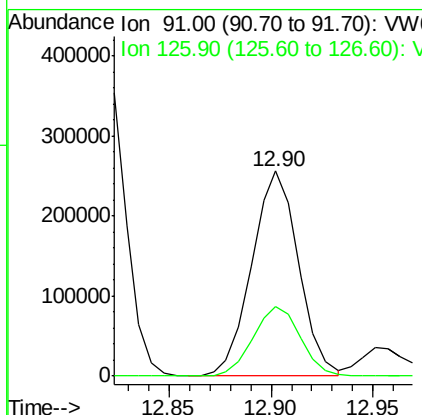
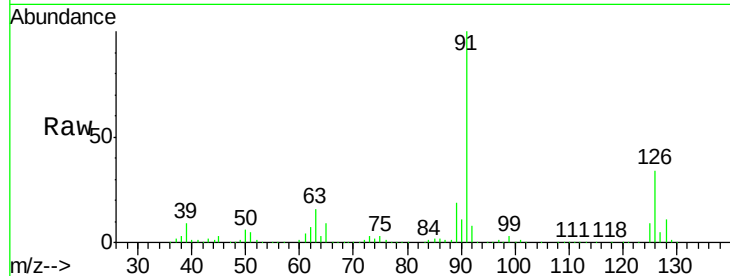




#79
 2-Chlorotoluene
 Concen: 51.73 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

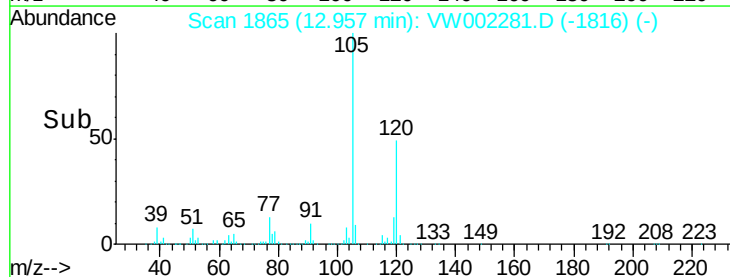
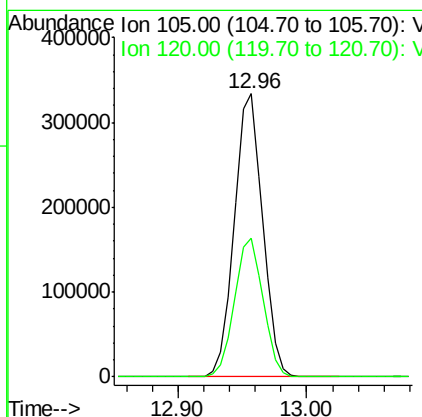
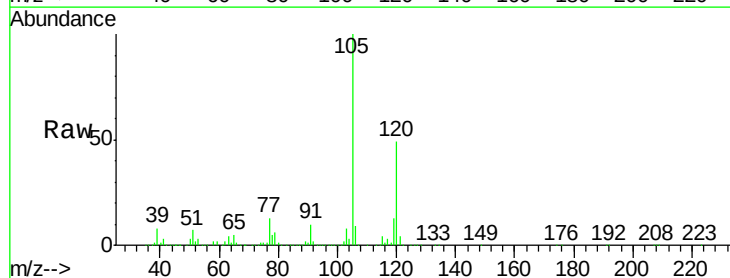
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

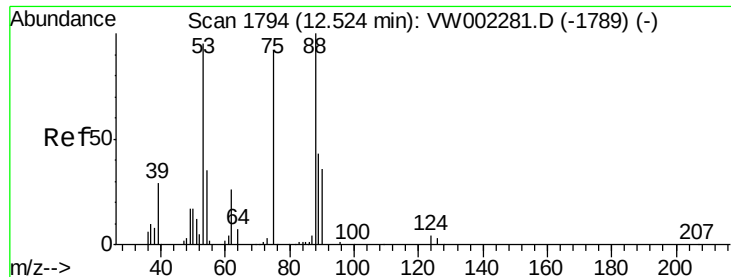
Tot Ion: 91 Resp: 408158
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.76 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion: 105 Resp: 509271
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0

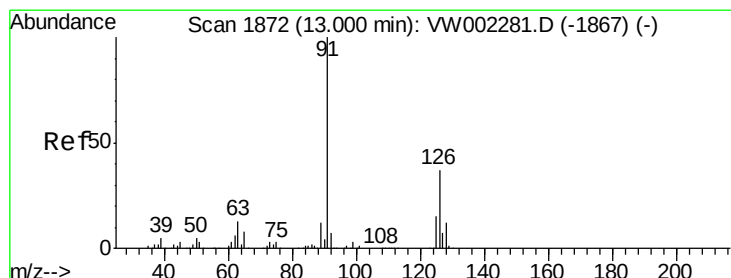
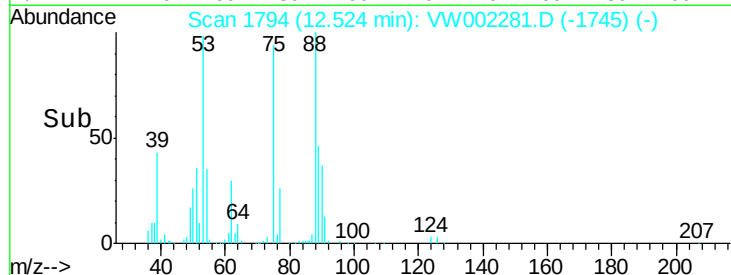
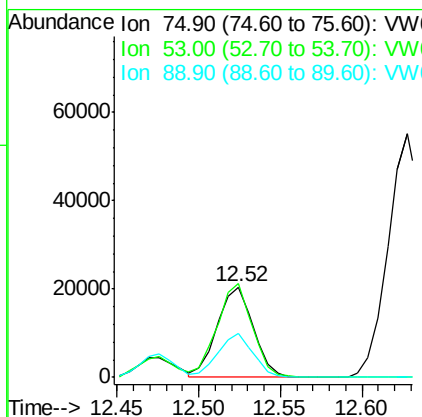
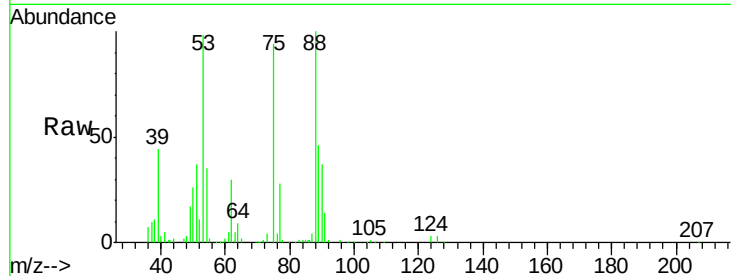




#81
trans-1,4-Dichloro-2-butene
Concen: 68.06 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

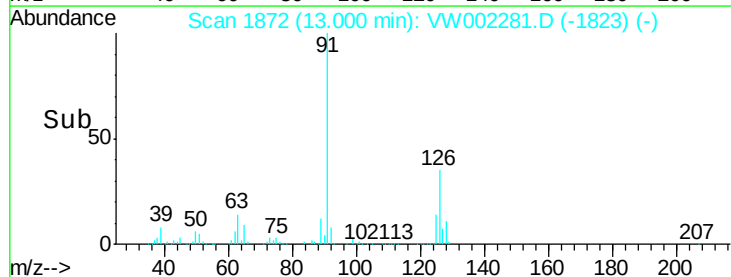
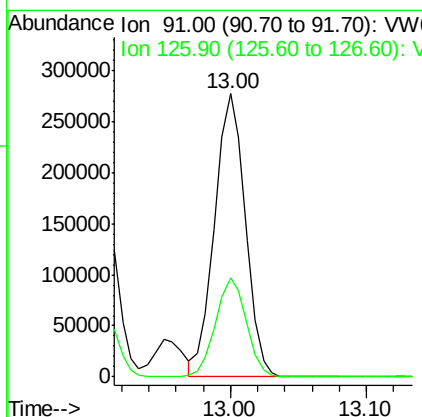
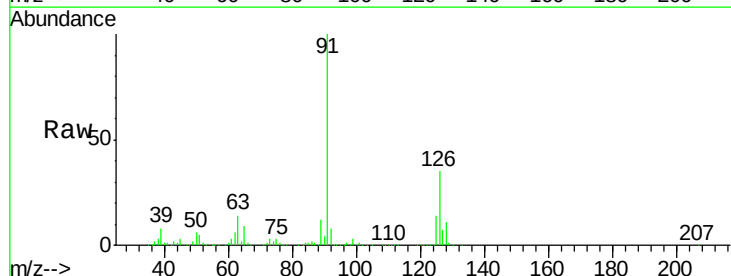
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

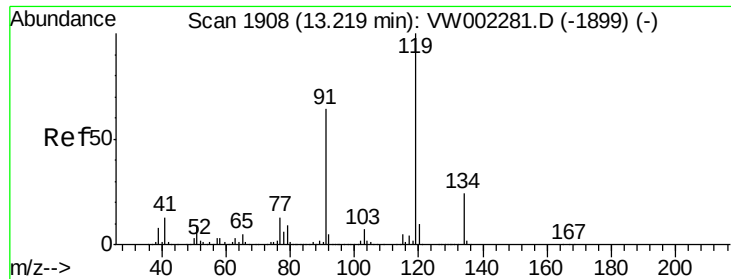
Tot Ion: 75 Resp: 31853
Ion Ratio Lower Upper
75 100
53 99.9 79.9 119.9
89 47.0 37.6 56.4



#82
4-Chlorotoluene
Concen: 48.76 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion: 91 Resp: 433989
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3

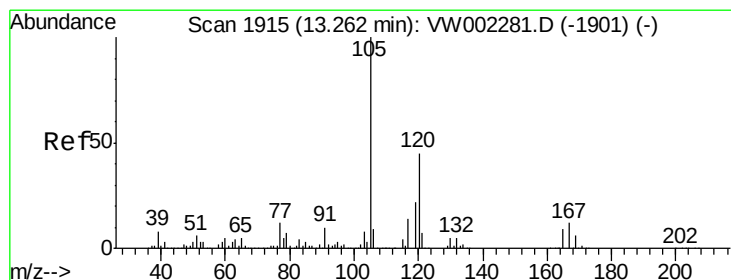
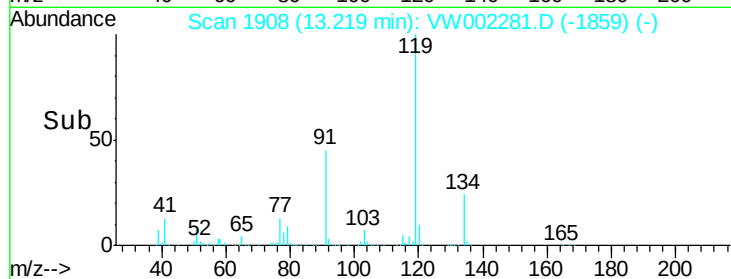
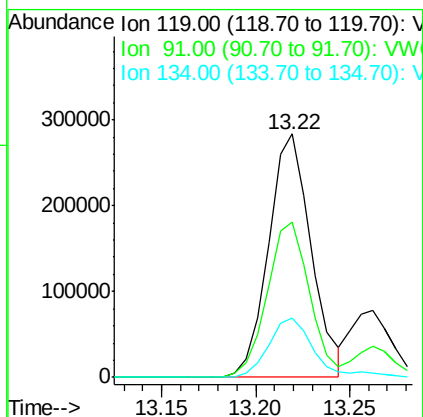
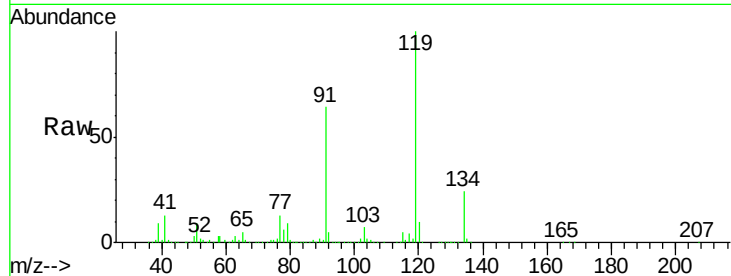




#83
 tert-Butylbenzene
 Concen: 50.59 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

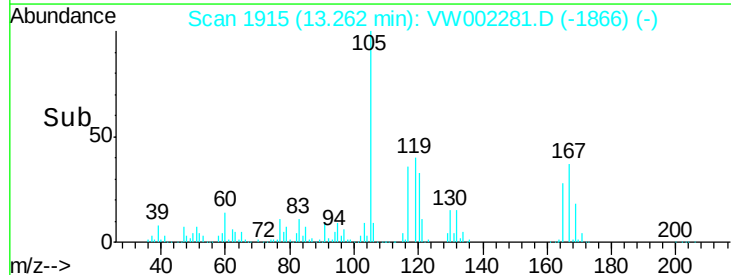
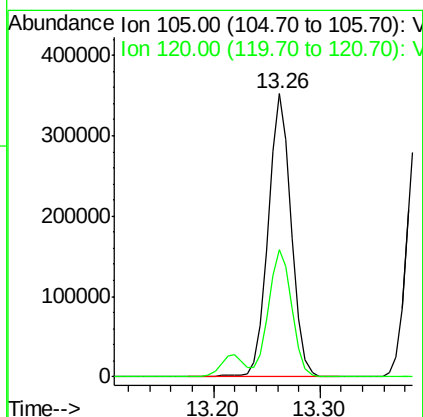
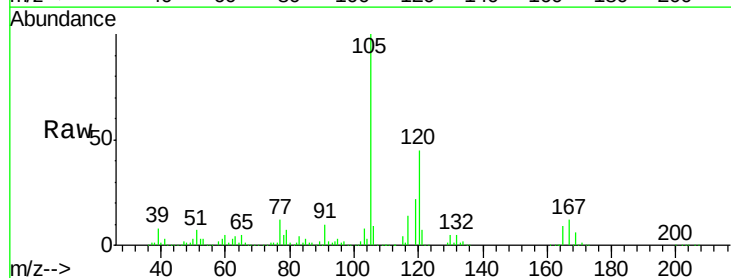
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

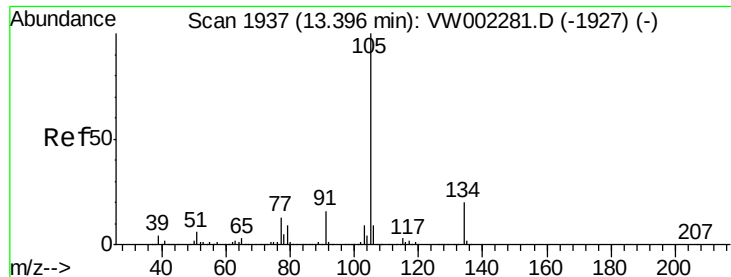
Tot Ion:119 Resp: 445510
 Ion Ratio Lower Upper
 119 100
 91 63.2 31.6 94.8
 134 26.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.56 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion:105 Resp: 531735
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5

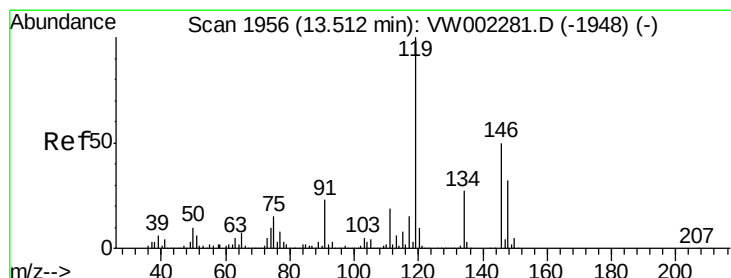
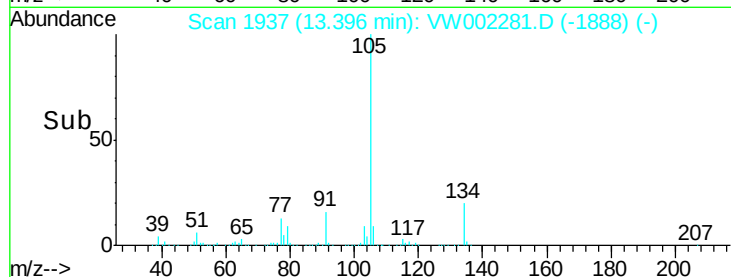
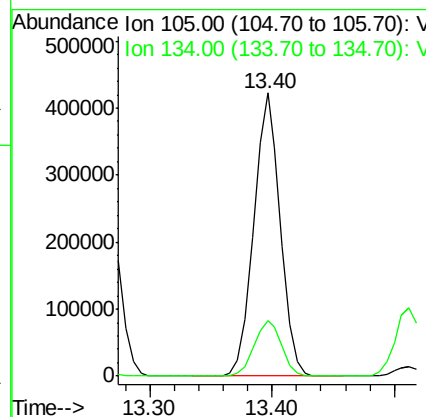
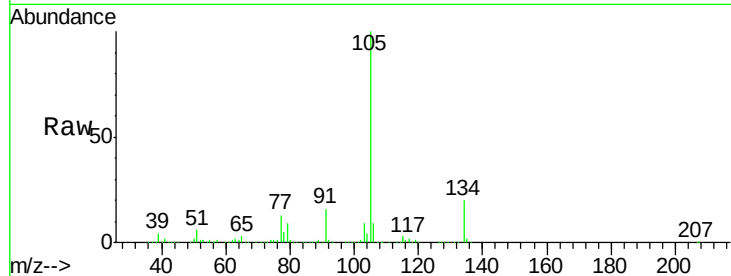




#85
 sec-Butylbenzene
 Concen: 51.87 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

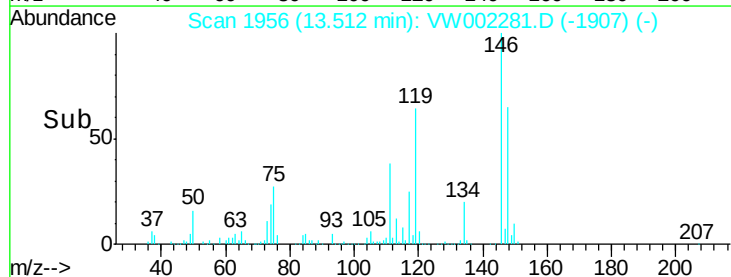
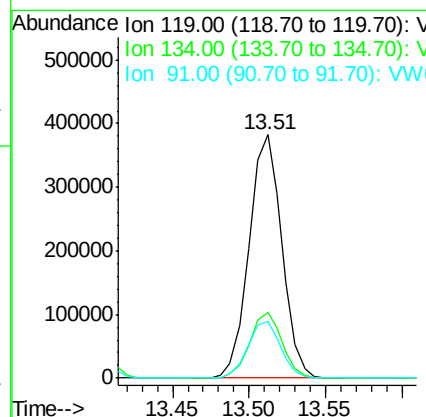
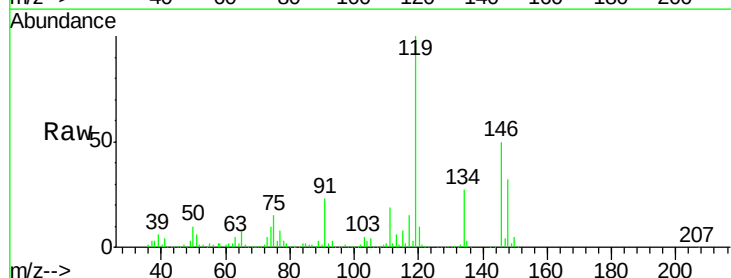
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

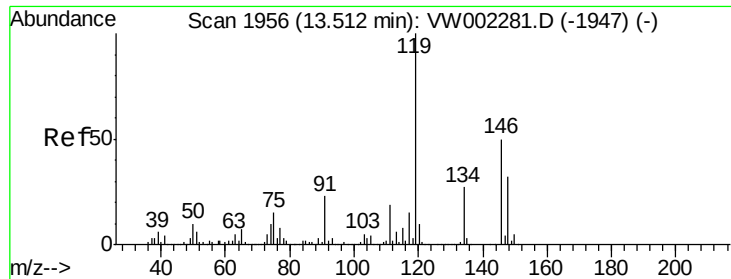
Tot Ion:105 Resp: 633443
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.46 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion:119 Resp: 566578
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.5 11.8 35.3

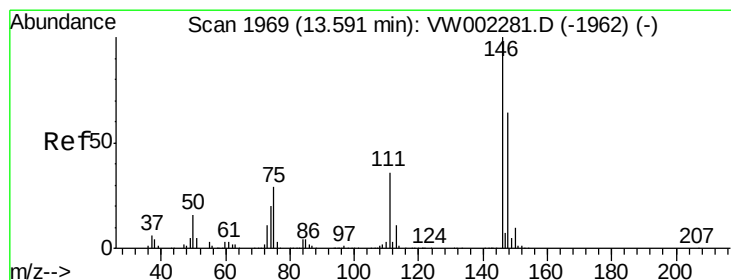
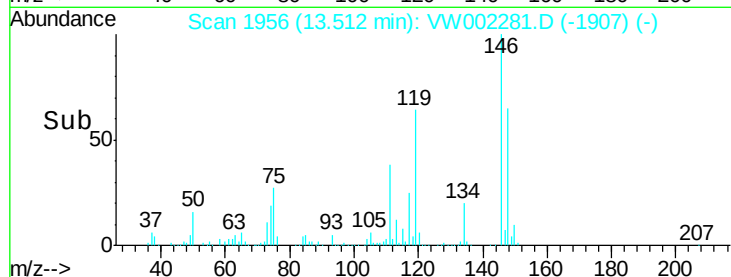
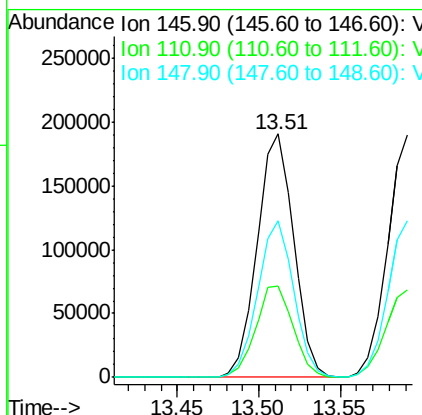
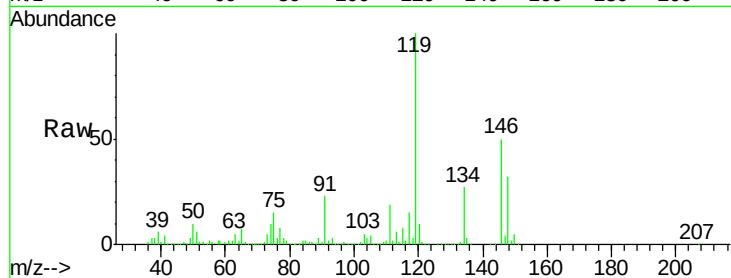




#87
 1,3-Dichlorobenzene
 Concen: 48.33 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

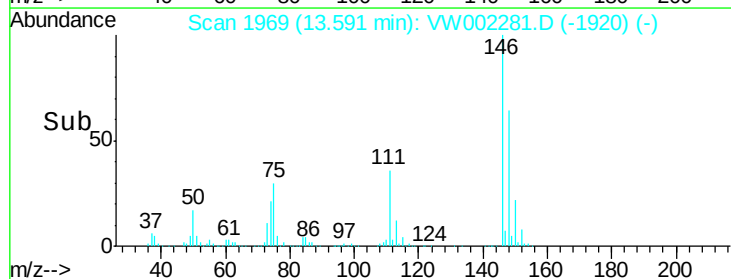
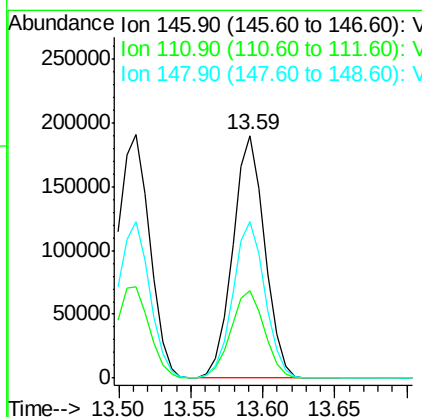
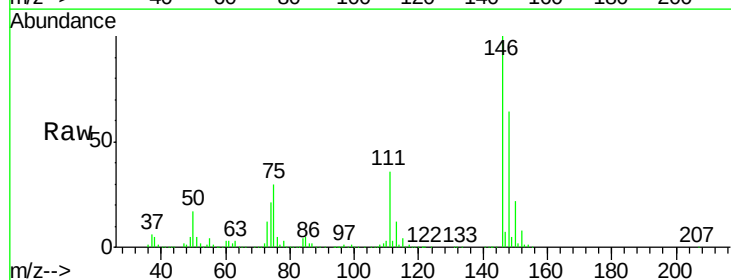
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

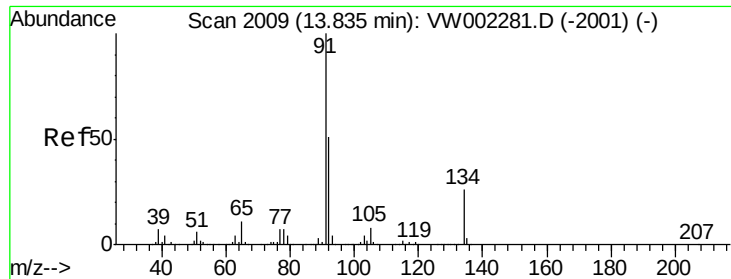
Tot Ion:146 Resp: 297717
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 47.93 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion:146 Resp: 294594
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.6 32.3 96.9





#89

n-Butylbenzene

Concen: 53.18 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW002281.D

Acq: 08 May 2018 01:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

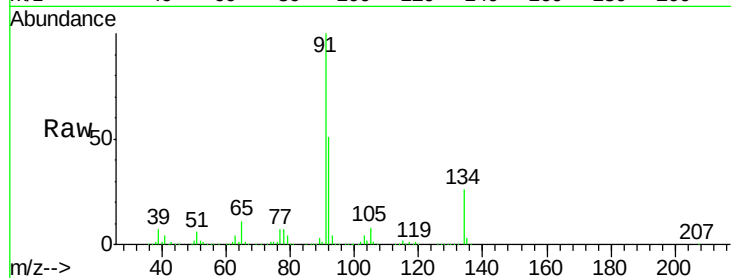
Tot Ion: 91 Resp: 534697

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

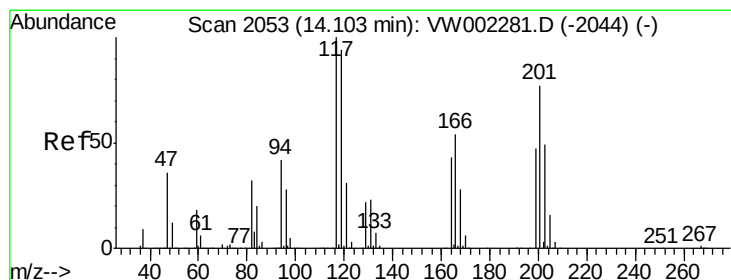
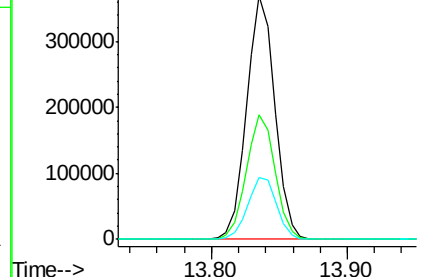
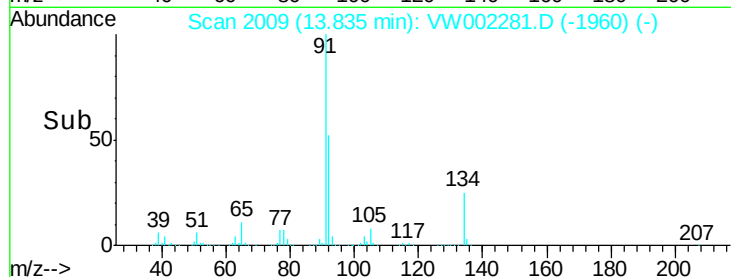
134 26.1 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 46.12 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW002281.D

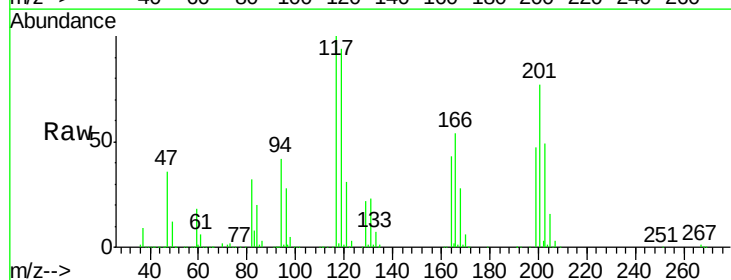
Acq: 08 May 2018 01:01

Tgt Ion: 117 Resp: 100508

Ion Ratio Lower Upper

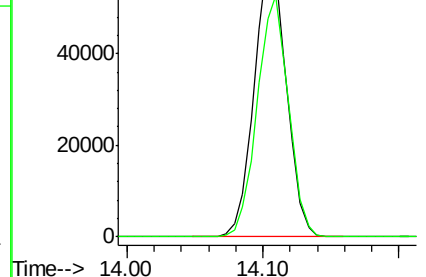
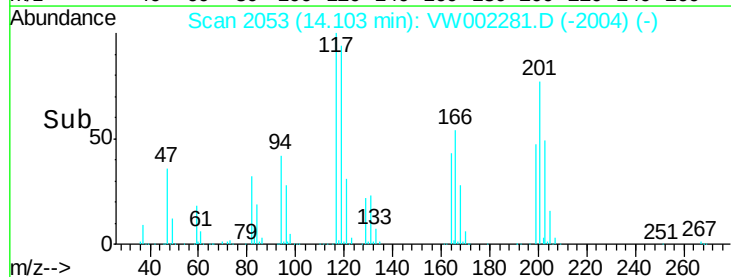
117 100

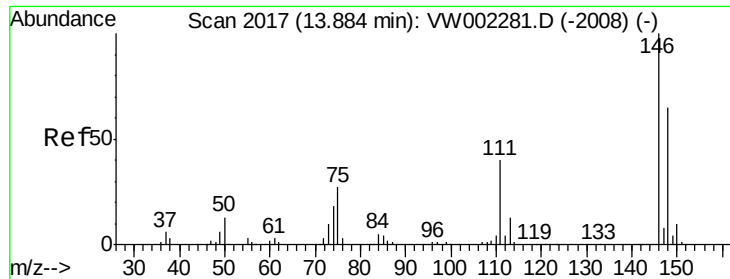
201 84.4 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

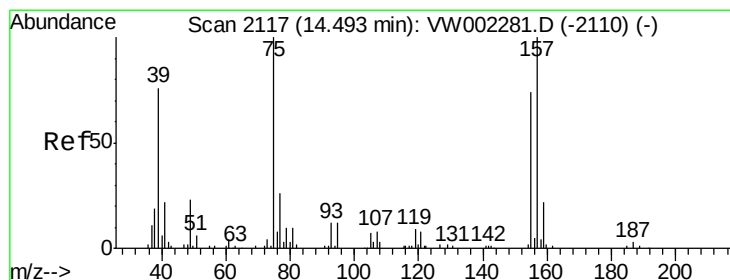
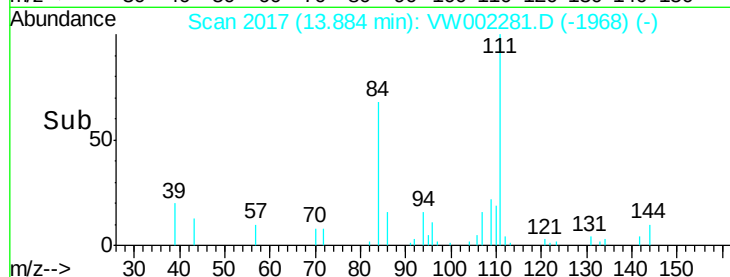
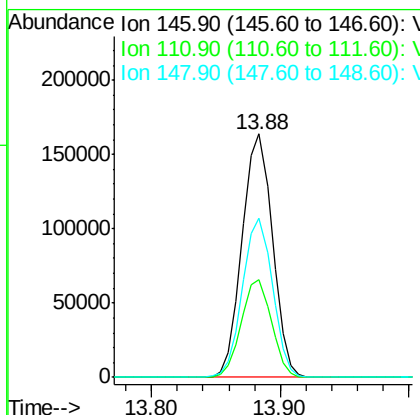
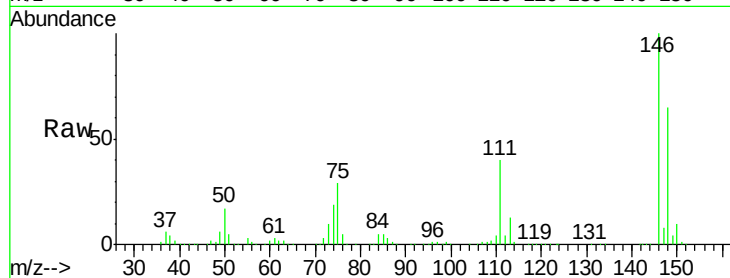




#91
 1,2-Dichlorobenzene
 Concen: 49.62 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

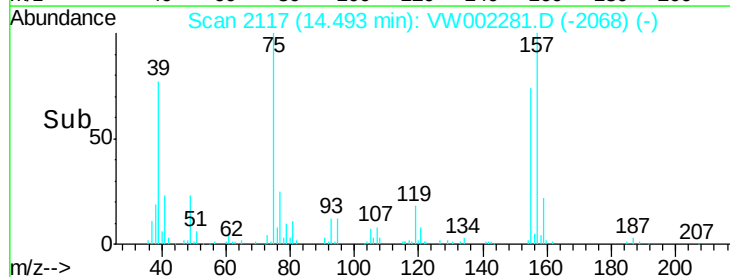
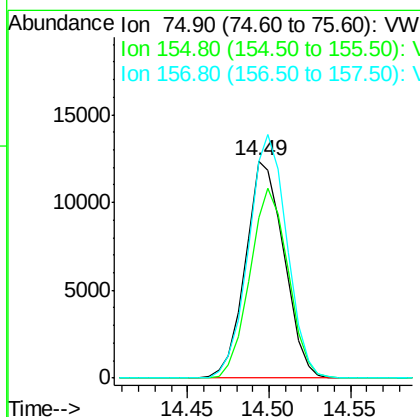
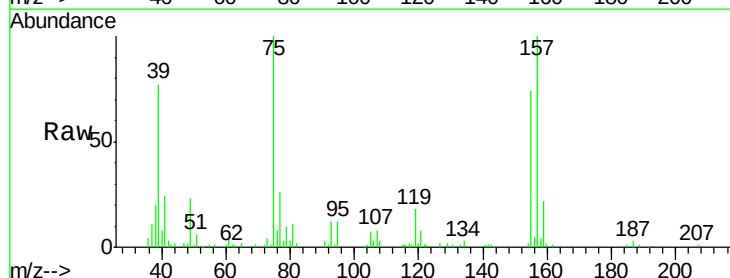
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

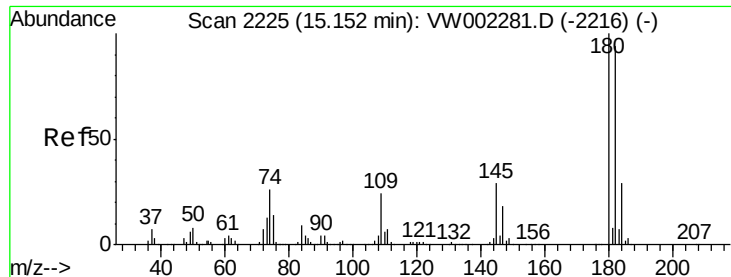
Tot Ion:146 Resp: 267060
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 65.0 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.89 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion: 75 Resp: 20294
 Ion Ratio Lower Upper
 75 100
 155 86.5 43.3 129.8
 157 111.6 55.8 167.4

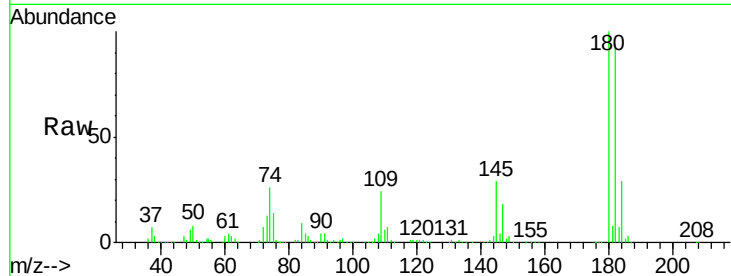




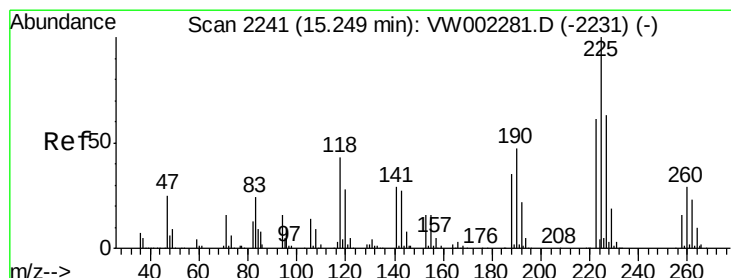
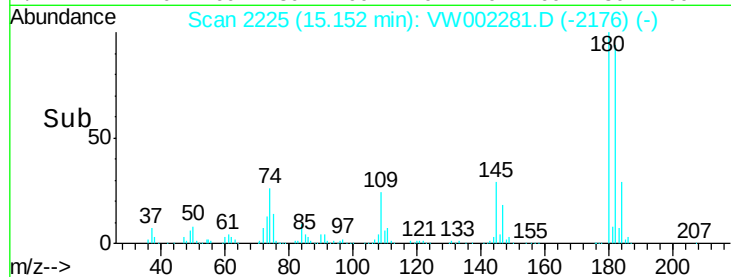
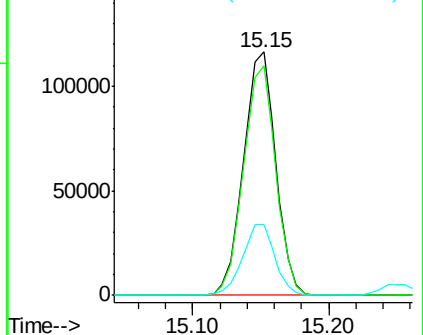
#93
 1,2,4-Trichlorobenzene
 Concen: 49.05 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	29.1	14.5	43.6

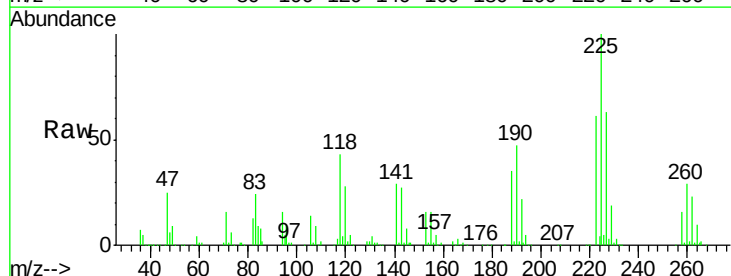


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

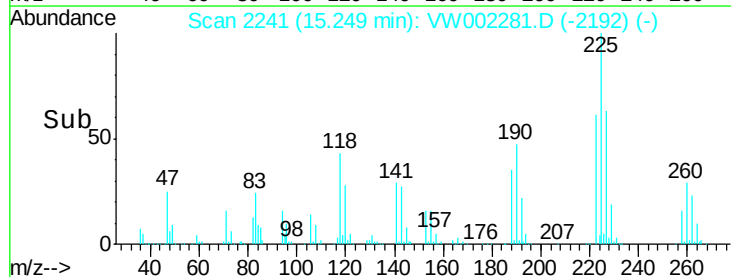
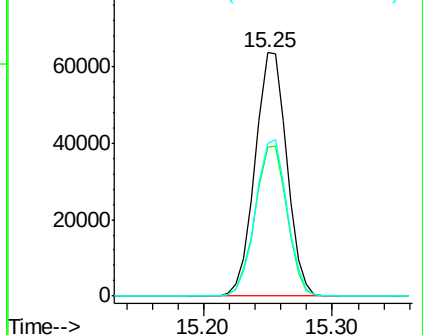


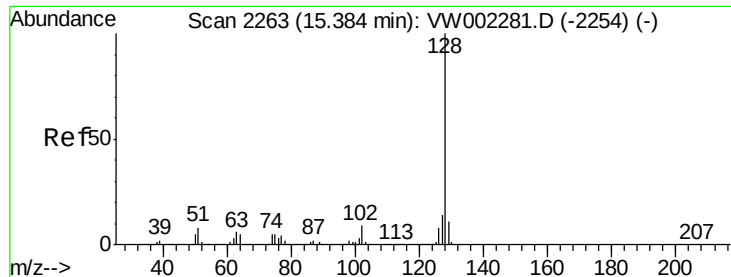
#94
 Hexachlorobutadiene
 Concen: 39.49 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW002281.D
 Acq: 08 May 2018 01:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.9	92.7
227	64.0	32.0	96.0



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

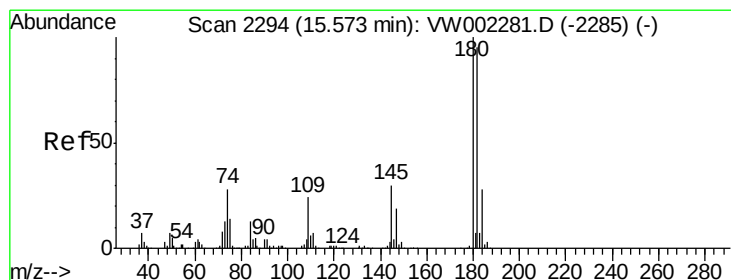
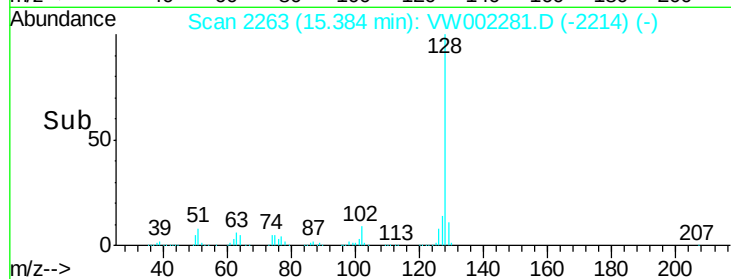
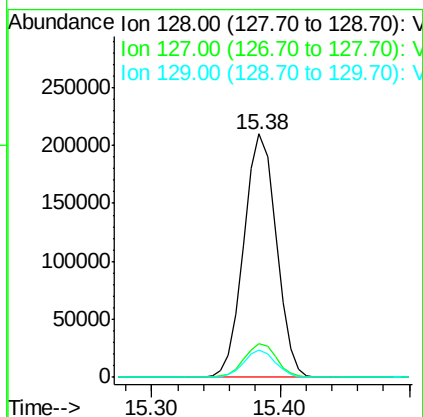
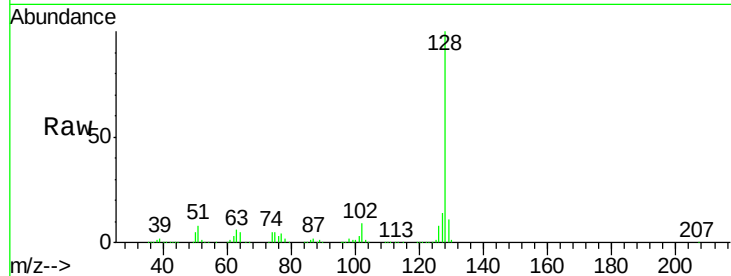




#95
Naphthalene
Concen: 62.49 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 366439
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.18 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW002281.D
Acq: 08 May 2018 01:01

Tgt Ion:180 Resp: 172112
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 31.3 15.7 47.0

