

Data File : VW002282.D

Acq On : 08 May 2018 01:26

Operator : JC/SY

Sample : VSTDIC075

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: May 08 03:21:05 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	246140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	349662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	181796	85.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.40%	
35) Dibromofluoromethane	7.88	113	169334	72.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.92%	
50) Toluene-d8	10.33	98	661986	75.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.82%	
62) 4-Bromofluorobenzene	12.63	95	238672	70.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68773	36.27	ug/l	98
3) Chloromethane	2.21	50	131081	73.51	ug/l	97
4) Vinyl Chloride	2.36	62	221861	110.78	ug/l	98
5) Bromomethane	2.78	94	176742	110.88	ug/l	99
6) Chloroethane	2.92	64	154289	127.55	ug/l	100
7) Trichlorofluoromethane	3.25	101	95048	28.49	ug/l	95
8) Diethyl Ether	3.67	74	95792	100.31	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	153609	68.80	ug/l	99
10) Methyl Iodide	4.26	142	256586	102.76	ug/l	100
11) Tert butyl alcohol	5.18	59	56605	426.39	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	153550	79.54	ug/l	95
13) Acrolein	3.89	56	36597	341.77	ug/l	99
14) Allyl chloride	4.66	41	230651	95.91	ug/l	100
15) Acrylonitrile	5.37	53	188717	522.58	ug/l	99
16) Acetone	4.12	43	158296	372.72	ug/l	99
17) Carbon Disulfide	4.37	76	454227	74.98	ug/l	99
18) Methyl Acetate	4.67	43	100614	107.75	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	270455	69.03	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	168122	78.06	ug/l	99
22) Diisopropyl ether	6.31	45	502944	104.76	ug/l	99
23) Vinyl Acetate	6.26	43	1525222	596.68	ug/l	99
24) 1,1-Dichloroethane	6.21	63	300757	85.86	ug/l	98
25) 2-Butanone	7.17	43	251432	531.91	ug/l	99
26) 2,2-Dichloropropane	7.17	77	148848	45.47	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	184998	81.15	ug/l	98
28) Bromochloromethane	7.51	49	131159	106.62	ug/l	97
29) Tetrahydrofuran	7.53	42	166576	606.12	ug/l	99
30) Chloroform	7.67	83	318004	78.49	ug/l	100
31) Cyclohexane	7.95	56	254817	80.29	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	239449	61.58	ug/l	99
36) 1,1-Dichloropropene	8.08	75	239256	69.38	ug/l	99
37) Ethyl Acetate	7.25	43	115061	105.12	ug/l	99
38) Carbon Tetrachloride	8.07	117	235723	56.52	ug/l	98
39) Methylcyclohexane	9.34	83	283416	72.20	ug/l	99

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Quant Title : SW846 8260

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	693085	72.81	ug/l	99
41) Methacrylonitrile	7.48	41	63737	105.04	ug/l	92
42) 1,2-Dichloroethane	8.40	62	215307	73.35	ug/l	99
43) Isopropyl Acetate	8.43	43	223562	102.93	ug/l	99
44) Trichloroethene	9.09	130	190027	63.22	ug/l	100
45) 1,2-Dichloropropane	9.37	63	173454	79.97	ug/l	95
46) Dibromomethane	9.46	93	96703	78.28	ug/l	99
47) Bromodichloromethane	9.65	83	232706	70.36	ug/l	98
48) Methyl methacrylate	9.44	41	108575	103.23	ug/l	99
49) 1,4-Dioxane	9.45	88	31272	1649.36	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	602532	551.57	ug/l	99
52) Toluene	10.39	92	445132	70.90	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	233715	78.24	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	262307	76.59	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	135618	74.81	ug/l	98
56) Ethyl methacrylate	10.65	69	175834	93.75	ug/l	100
57) 1,3-Dichloropropane	10.94	76	231200	81.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	297379	364.20	ug/l	100
59) 2-Hexanone	10.98	43	417430	533.02	ug/l	100
60) Dibromochloromethane	11.13	129	164333	67.38	ug/l	100
61) 1,2-Dibromoethane	11.24	107	133357	79.34	ug/l	100
64) Tetrachloroethene	10.87	164	187466	62.93	ug/l	98
65) Chlorobenzene	11.66	112	500848	67.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	181616	64.51	ug/l	99
67) Ethyl Benzene	11.74	91	877522	72.36	ug/l	100
68) m/p-Xylenes	11.85	106	683682	140.07	ug/l	100
69) o-Xylene	12.18	106	324931	73.95	ug/l	99
70) Styrene	12.19	104	547556	74.84	ug/l	99
71) Bromoform	12.36	173	104353	67.34	ug/l #	100
73) Isopropylbenzene	12.48	105	889524	76.30	ug/l	100
74) N-amyl acetate	12.28	43	223861	118.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	163129	91.89	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	216917	170.03	ug/l #	1
77) Bromobenzene	12.76	156	216856	71.11	ug/l	98
78) n-propylbenzene	12.82	91	1057329	77.58	ug/l	100
79) 2-Chlorotoluene	12.90	91	607299	75.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	757614	74.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45768	96.41	ug/l	97
82) 4-Chlorotoluene	13.00	91	641316	71.03	ug/l	100
83) tert-Butylbenzene	13.22	119	652806	73.08	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	783092	74.86	ug/l	100
85) sec-Butylbenzene	13.40	105	930760	75.14	ug/l	99
86) p-Isopropyltoluene	13.51	119	839941	73.74	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	433334	69.35	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	428619	68.75	ug/l	99
89) n-Butylbenzene	13.83	91	779999	76.48	ug/l	100
90) Hexachloroethane	14.10	117	148329	67.10	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	388254	71.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	28190	84.76	ug/l	100
93) 1,2,4-Trichlorobenzene	15.15	180	272713	68.34	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:17:21 2018
Response via : Initial Calibration

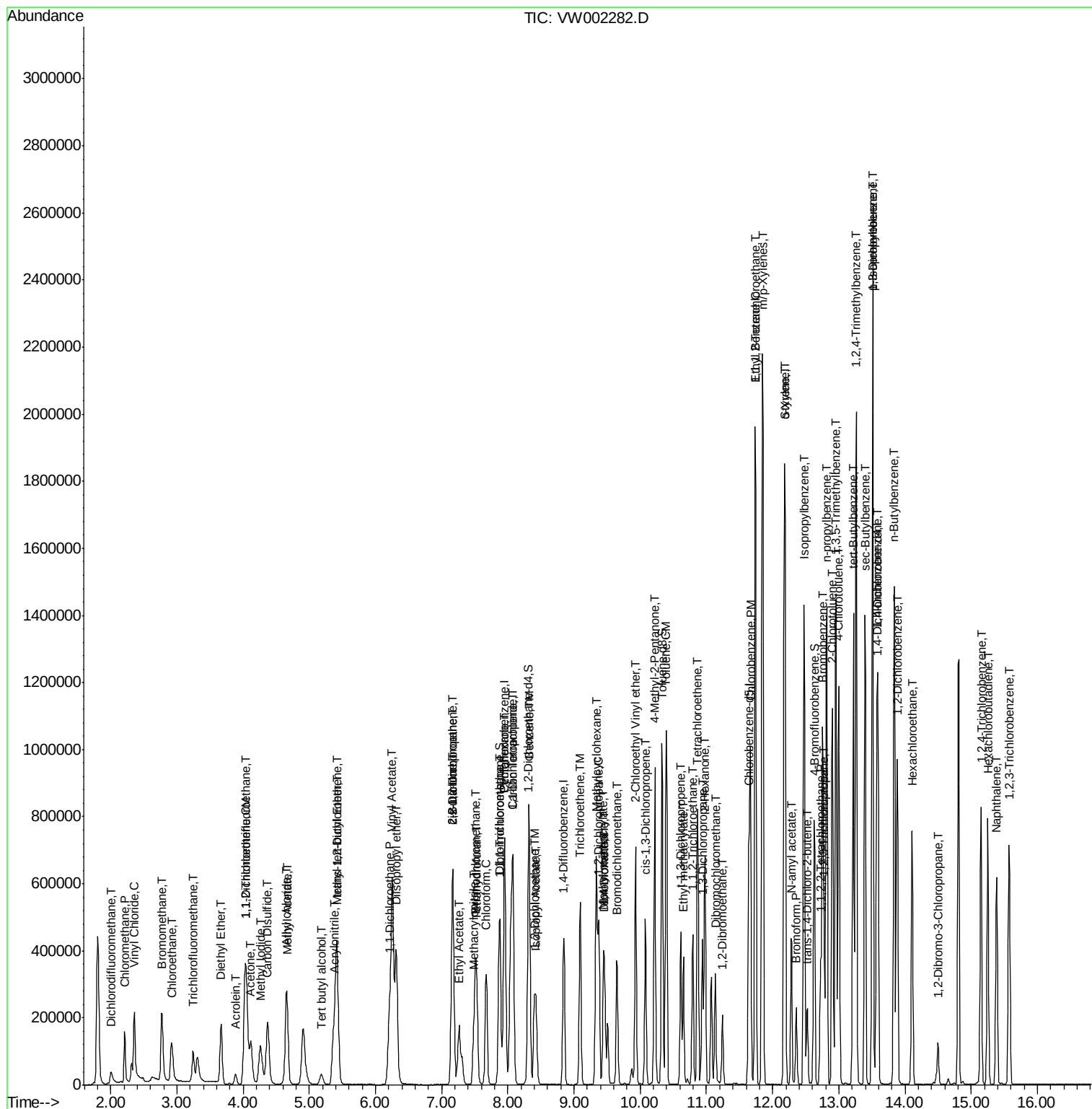
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.26	225	151827	54.59	ug/l	99
95) Naphthalene	15.38	128	521533	87.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	243566	71.40	ug/l	100

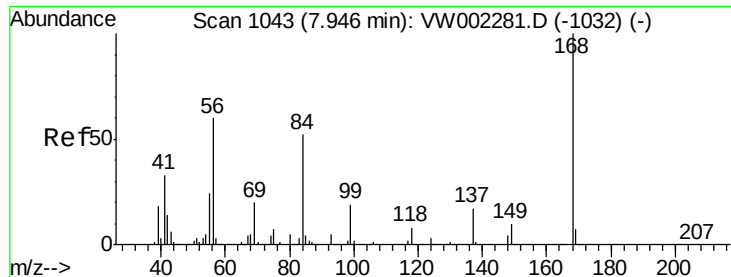
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW002282.D
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

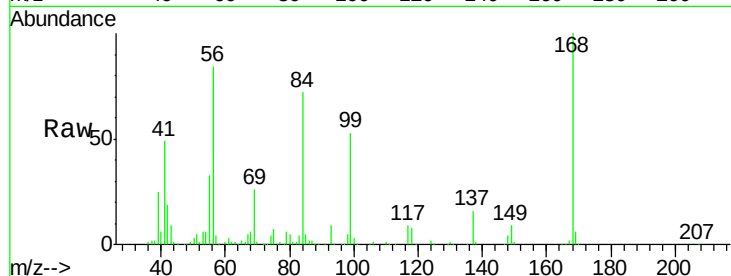
VSTDIC075

Tgt Ion:168 Resp: 246140

Ion Ratio Lower Upper

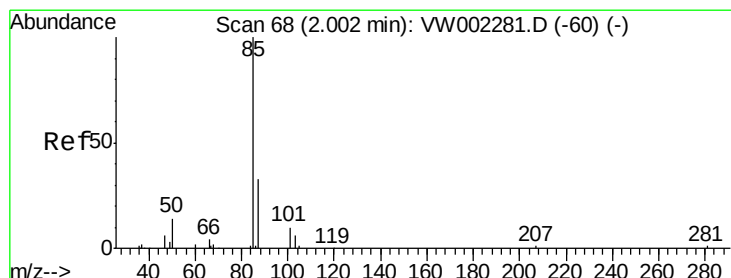
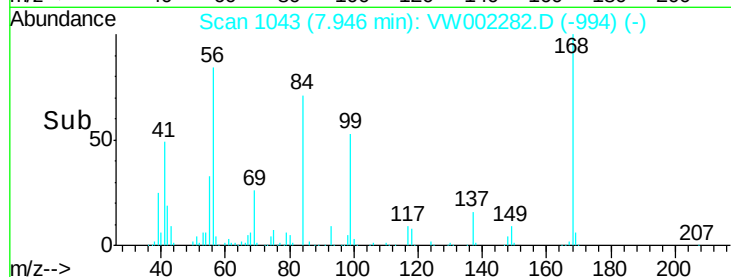
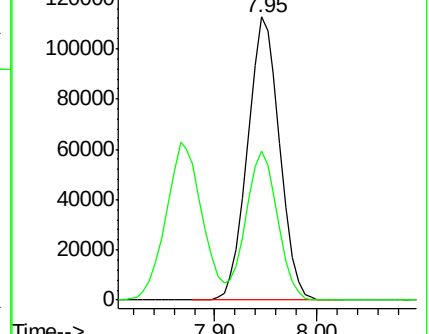
168 100

99 52.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 36.27 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002282.D

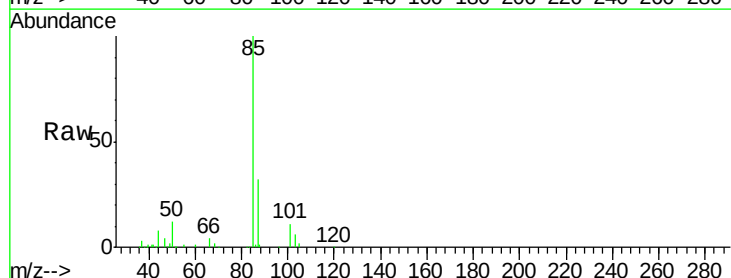
Acq: 08 May 2018 01:26

Tgt Ion: 85 Resp: 68773

Ion Ratio Lower Upper

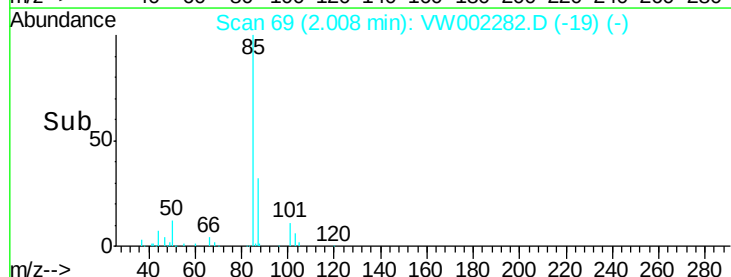
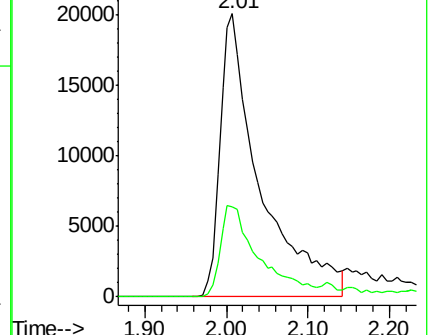
85 100

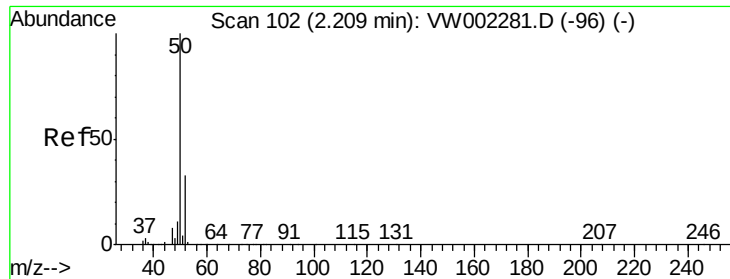
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 73.51 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

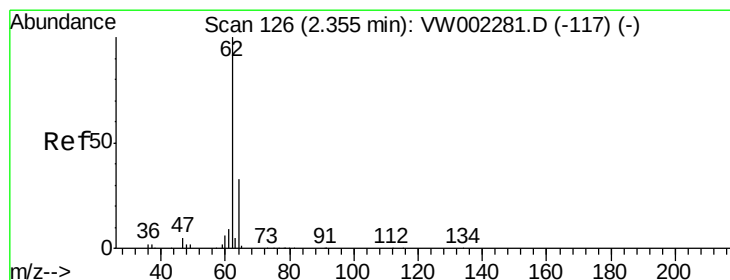
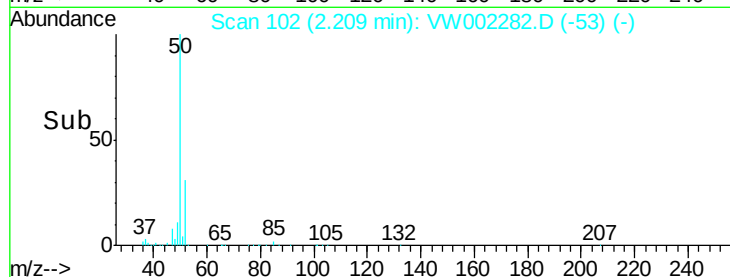
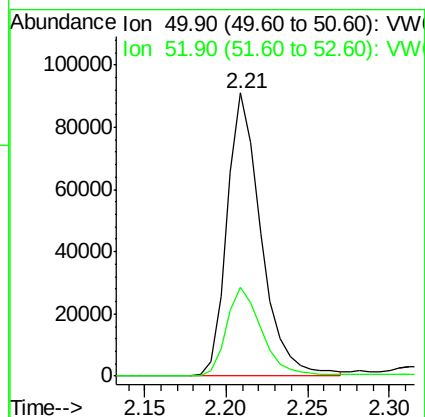
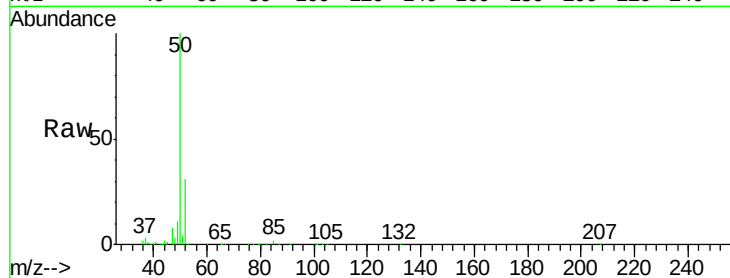
VSTDIC075

Tgt Ion: 50 Resp: 131081

Ion Ratio Lower Upper

50 100

52 31.5 26.5 39.7



#4

Vinyl Chloride

Concen: 110.78 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002282.D

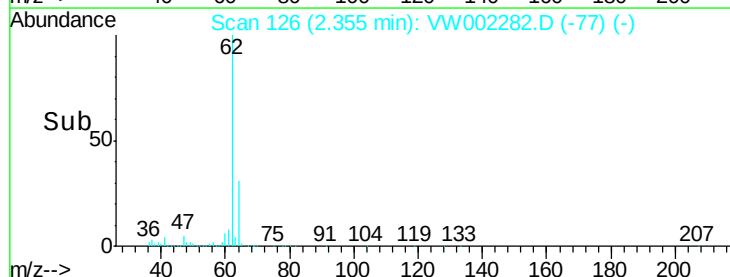
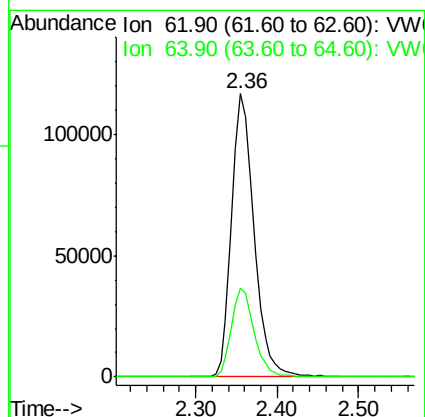
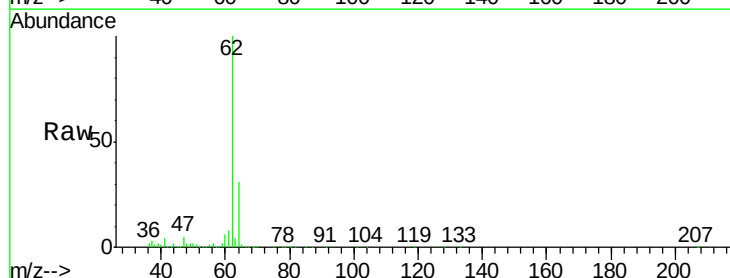
Acq: 08 May 2018 01:26

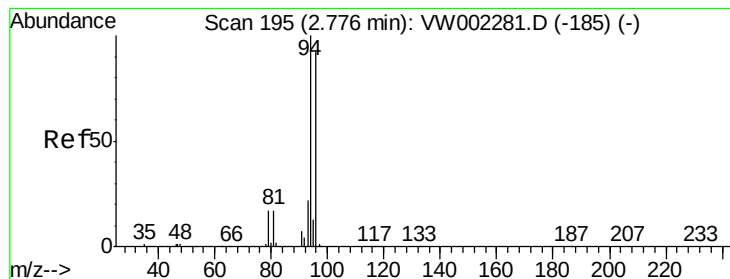
Tgt Ion: 62 Resp: 221861

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 110.88 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

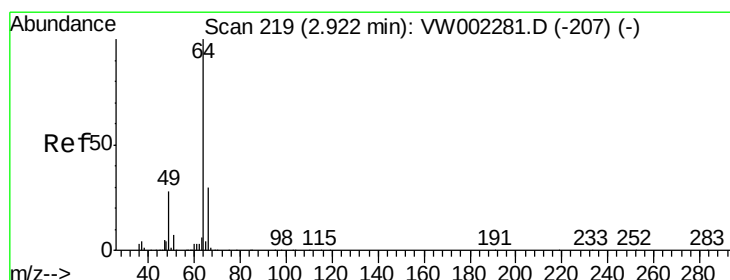
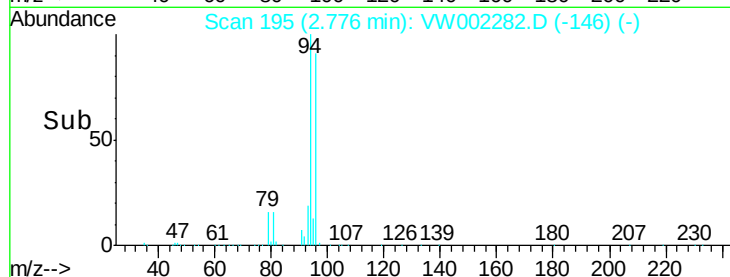
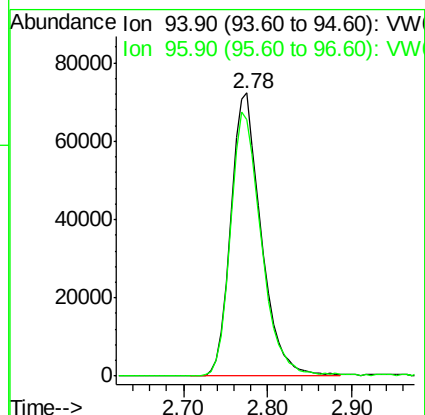
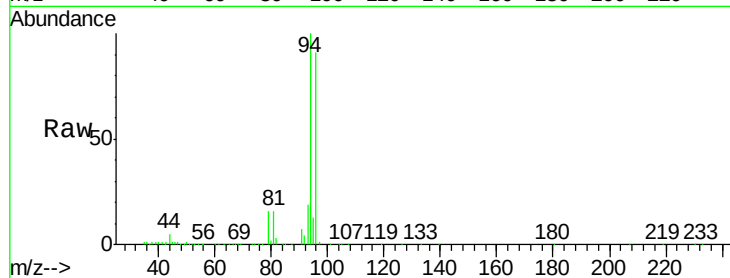
VSTDIC075

Tgt Ion: 94 Resp: 176742

Ion Ratio Lower Upper

94 100

96 90.7 73.6 110.4



#6

Chloroethane

Concen: 127.55 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002282.D

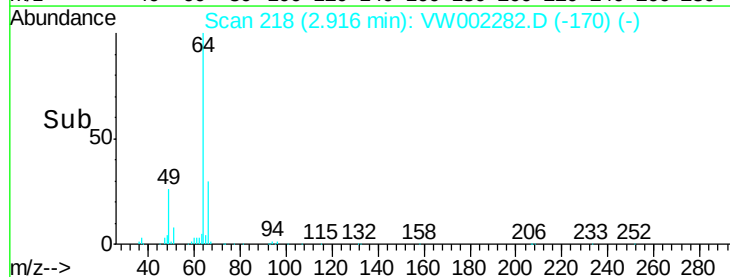
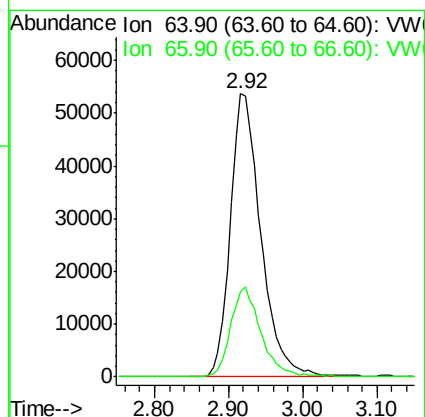
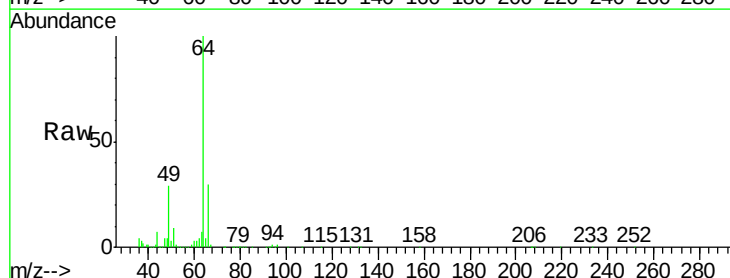
Acq: 08 May 2018 01:26

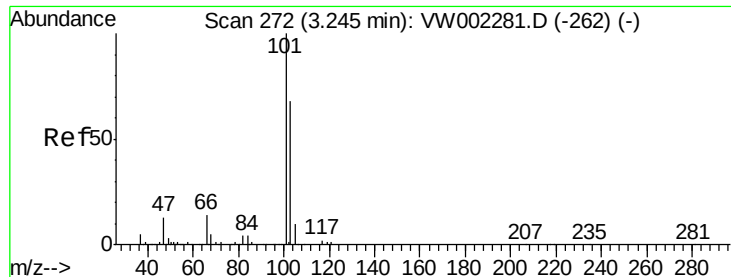
Tgt Ion: 64 Resp: 154289

Ion Ratio Lower Upper

64 100

66 29.7 23.8 35.6



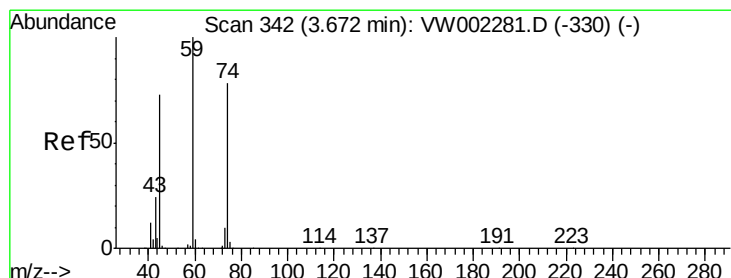
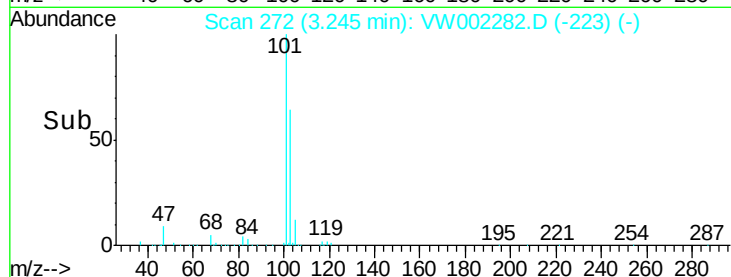
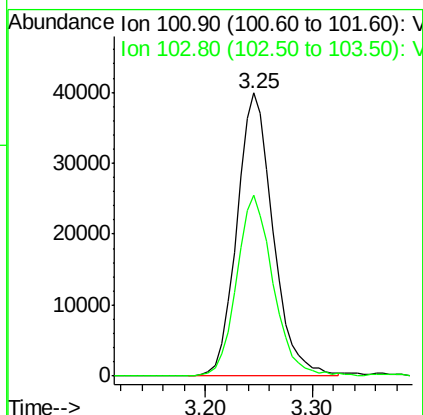
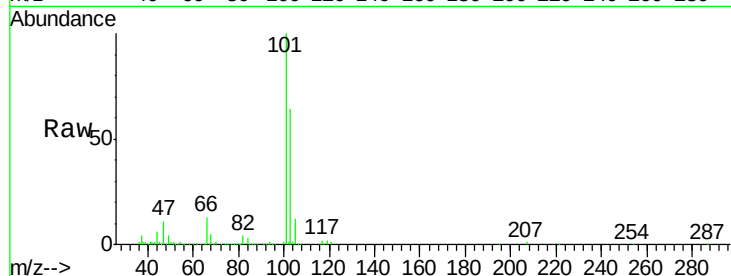


#7

Trichlorofluoromethane
 Concen: 28.49 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW002282.D
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Instrument :
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 ClientSampleId :
 VSTDIC075

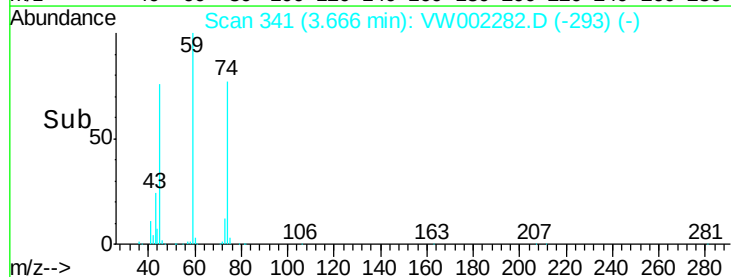
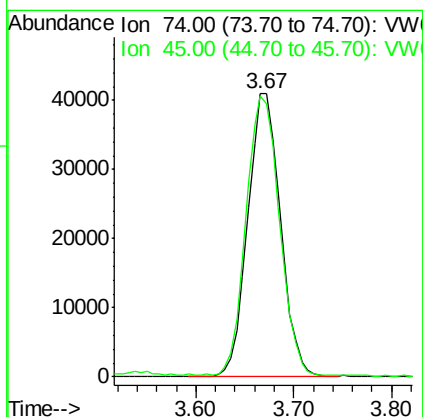
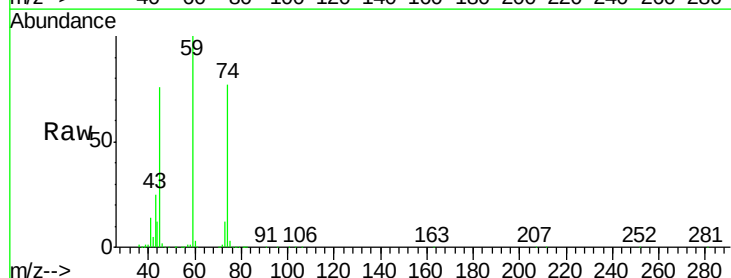
Tgt Ion: 101 Resp: 95048
 Ion Ratio Lower Upper
 101 100
 103 64.1 54.6 82.0

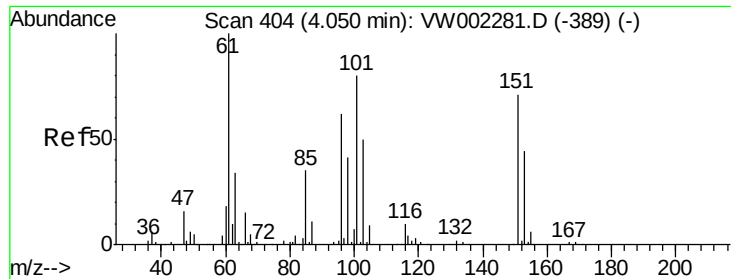


#8

Diethyl Ether
 Concen: 100.31 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 74 Resp: 95792
 Ion Ratio Lower Upper
 74 100
 45 100.6 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.80 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002282.D

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VSTDIC075

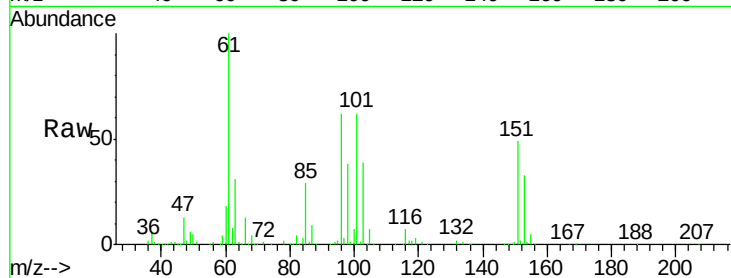
Tgt Ion:101 Resp: 153609

Ion Ratio Lower Upper

101 100

85 46.0 35.9 53.9

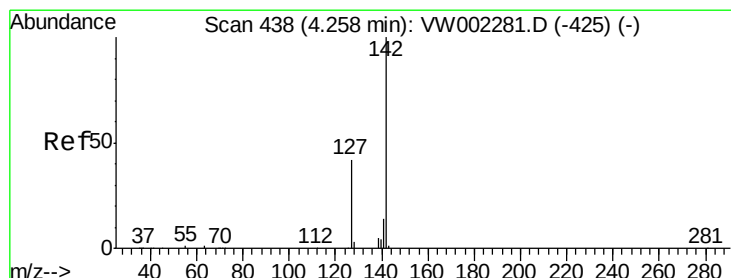
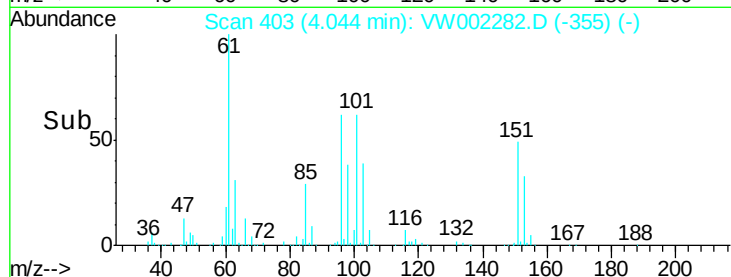
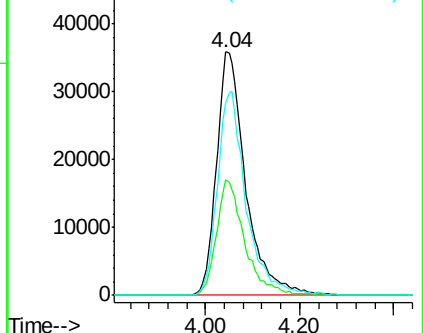
151 82.1 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 102.76 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

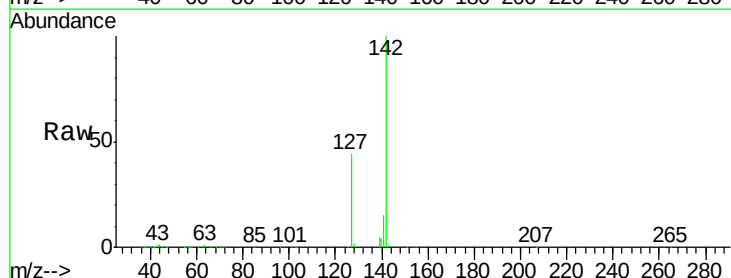
Tgt Ion:142 Resp: 256586

Ion Ratio Lower Upper

142 100

127 43.3 34.7 52.1

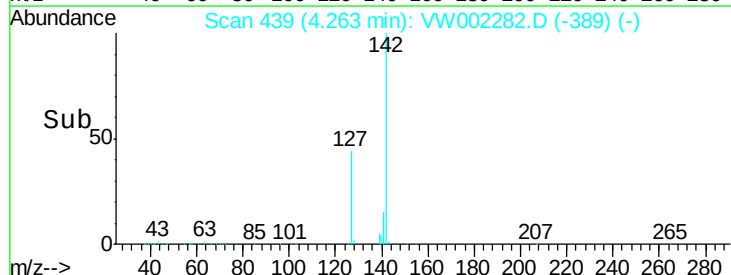
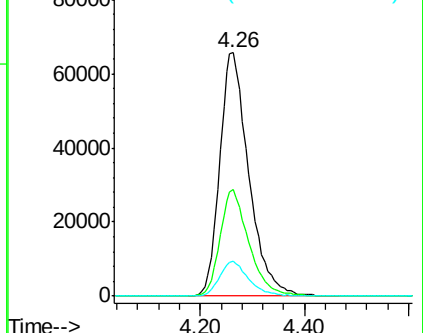
141 14.3 11.9 17.9

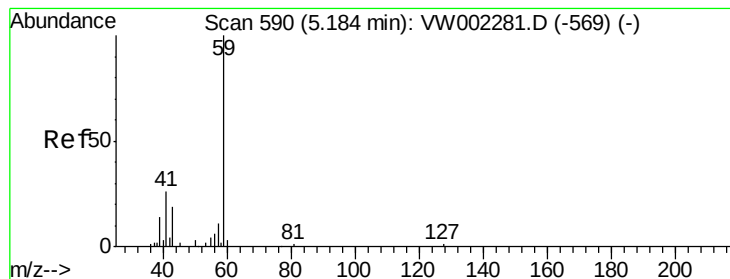


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 426.39 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

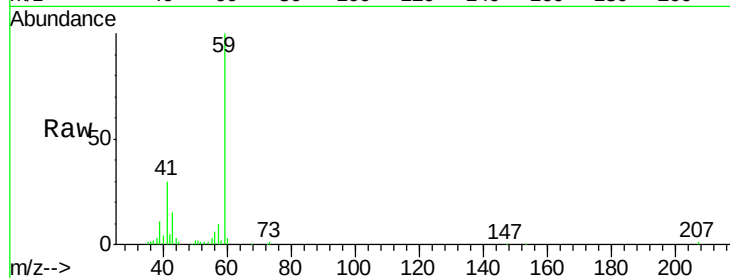
VSTDIC075

Tgt Ion: 59 Resp: 56605

Ion Ratio Lower Upper

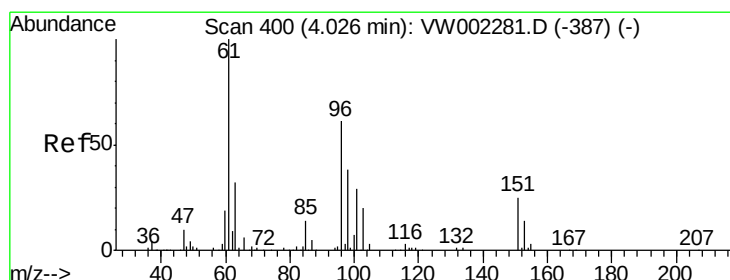
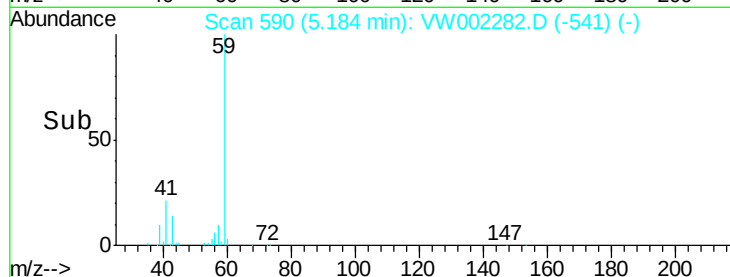
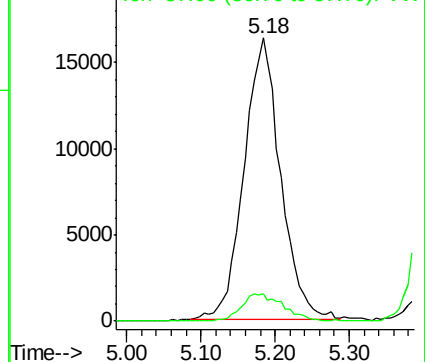
59 100

57 11.1 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 79.54 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

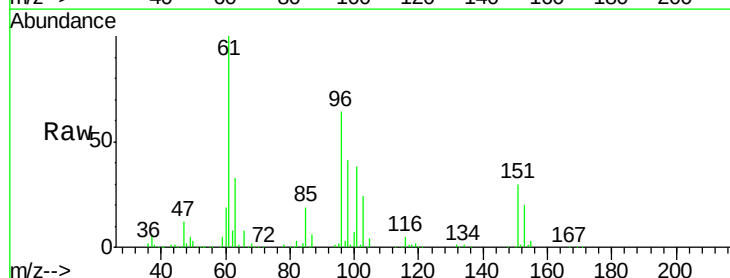
Tgt Ion: 96 Resp: 153550

Ion Ratio Lower Upper

96 100

61 155.7 130.6 196.0

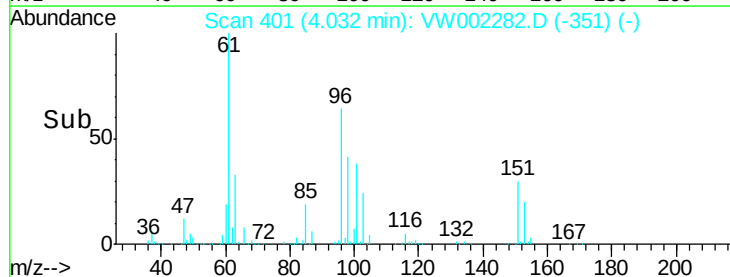
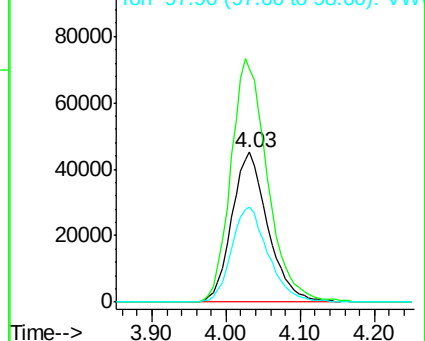
98 63.2 49.0 73.4

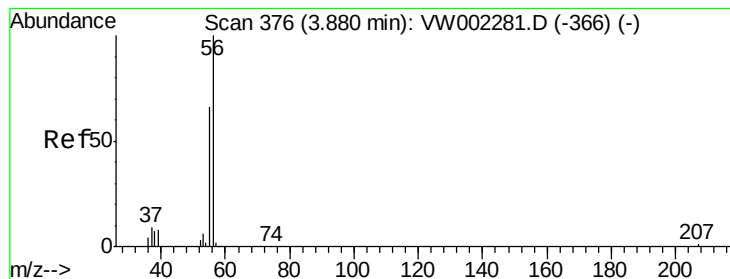


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 341.77 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

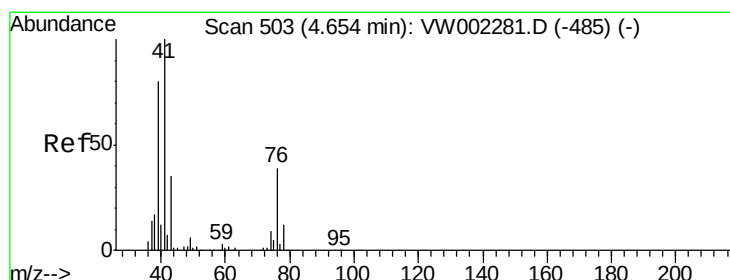
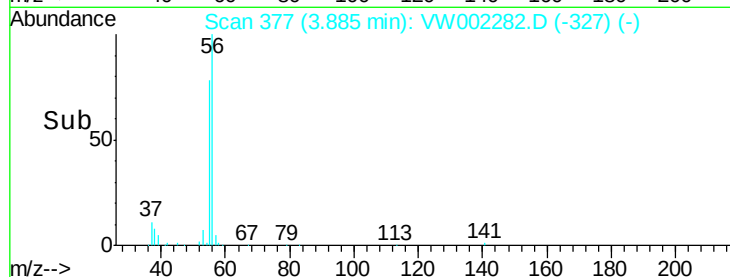
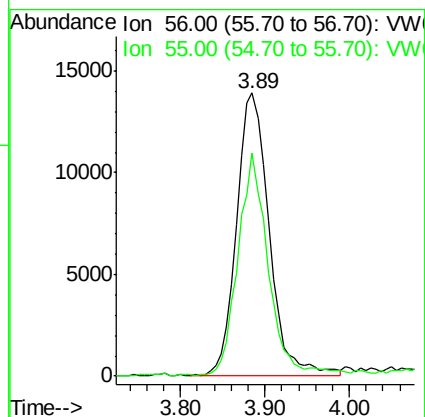
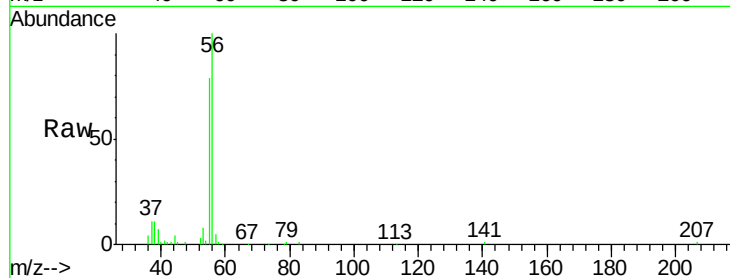
VSTDIC075

Tgt Ion: 56 Resp: 36597

Ion Ratio Lower Upper

56 100

55 71.1 57.3 85.9



#14

Allyl chloride

Concen: 95.91 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

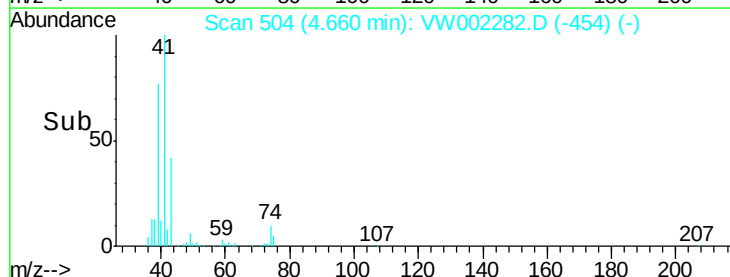
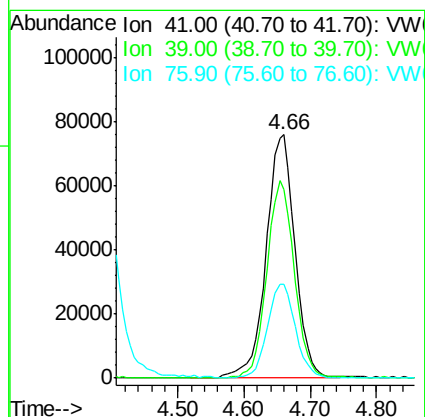
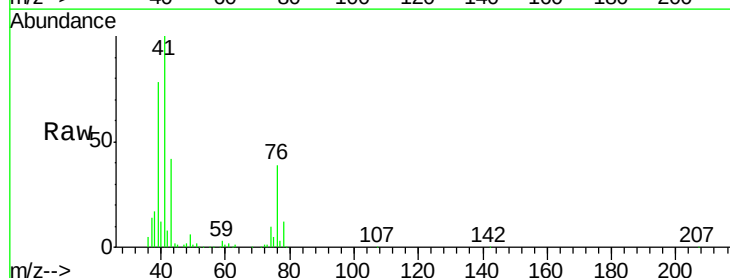
Tgt Ion: 41 Resp: 230651

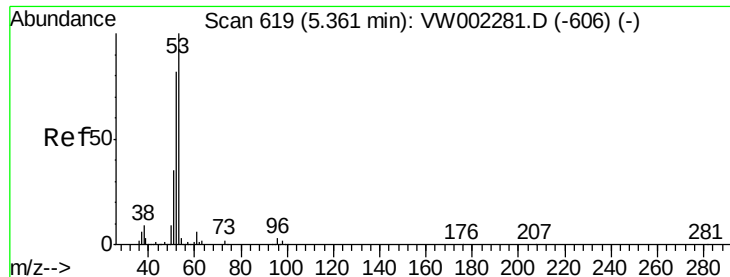
Ion Ratio Lower Upper

41 100

39 77.5 61.7 92.5

76 37.0 29.8 44.6

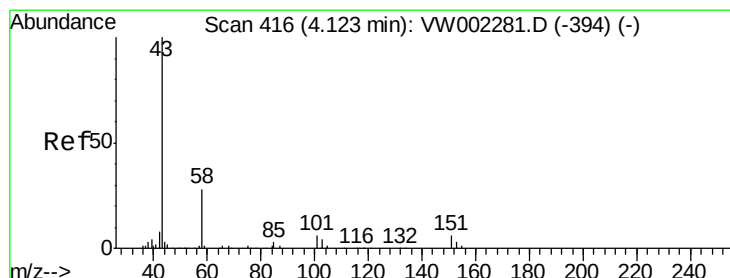
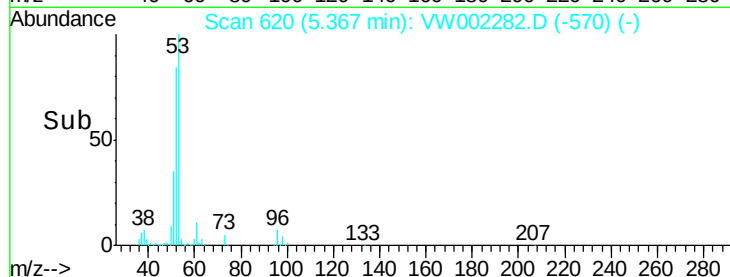
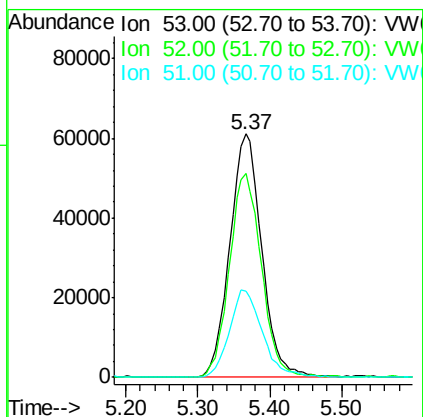
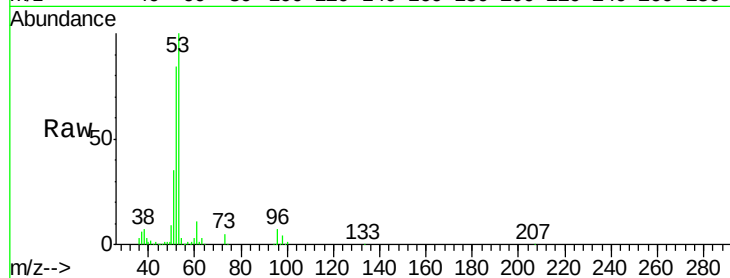




#15
 Acrylonitrile
 Concen: 522.58 ug/l
 RT: 5.37 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

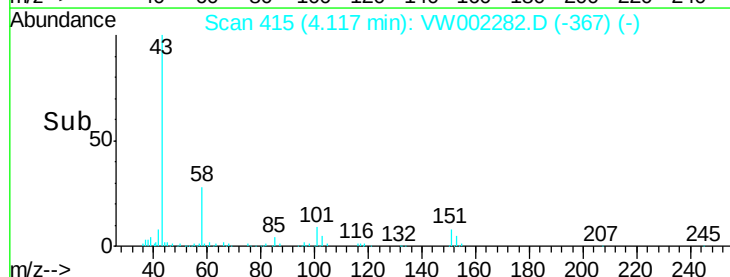
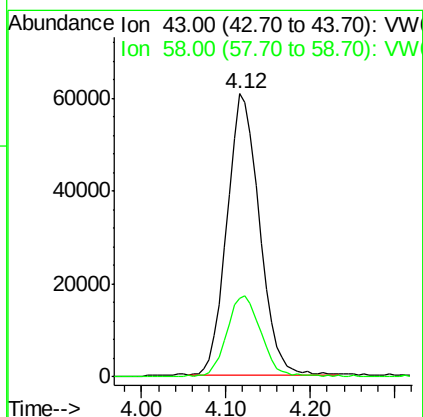
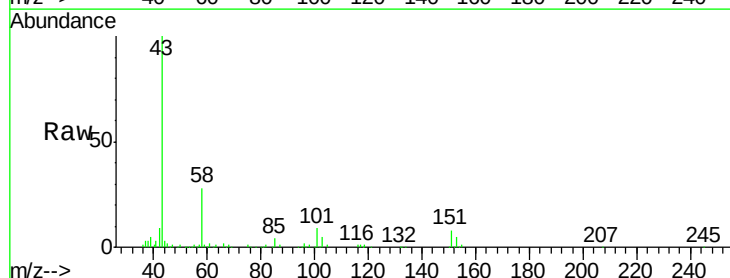
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

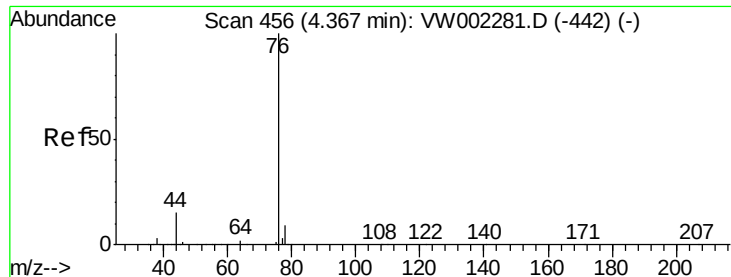
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.9	101.9
51	37.3	30.0	45.0



#16
 Acetone
 Concen: 372.72 ug/l
 RT: 4.12 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.2	33.4





#17

Carbon Disulfide

Concen: 74.98 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

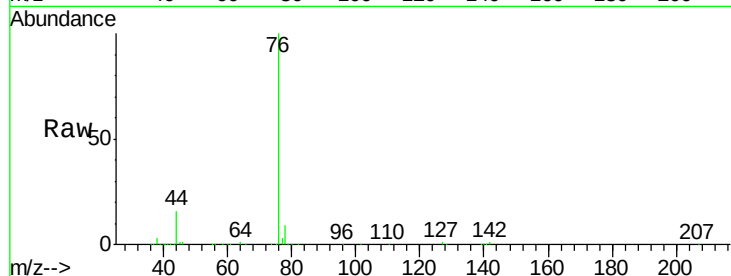
VSTDIC075

Tgt Ion: 76 Resp: 454227

Ion Ratio Lower Upper

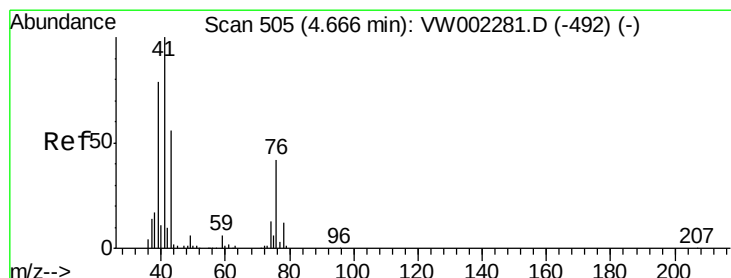
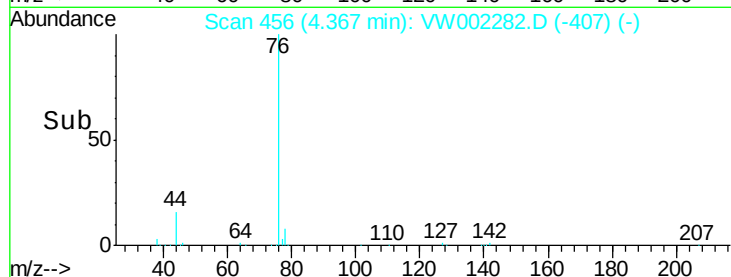
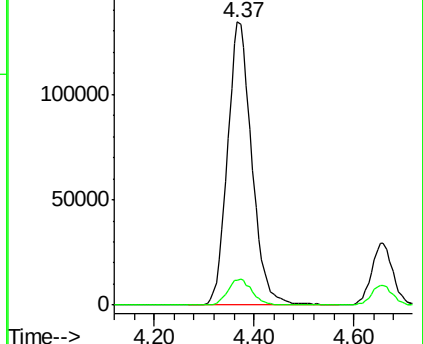
76 100

78 8.9 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: 107.75 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW002282.D

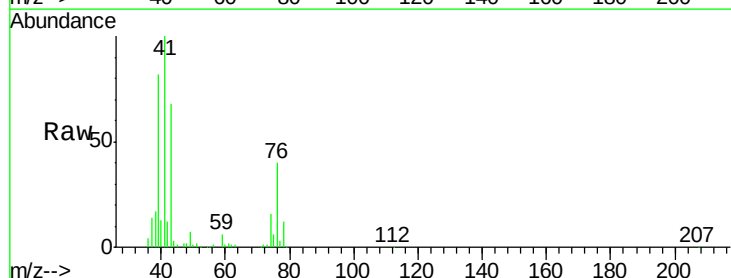
Acq: 08 May 2018 01:26

Tgt Ion: 43 Resp: 100614

Ion Ratio Lower Upper

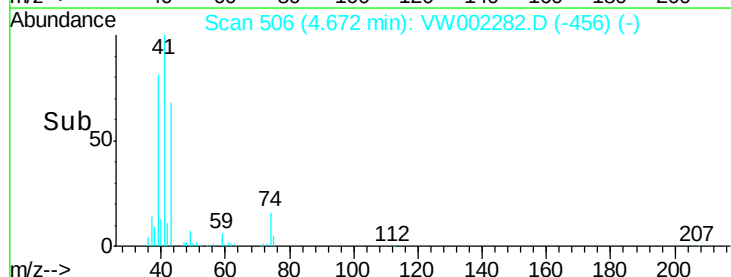
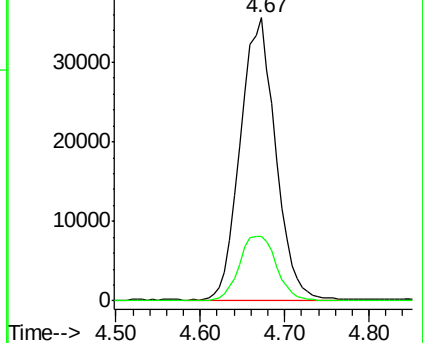
43 100

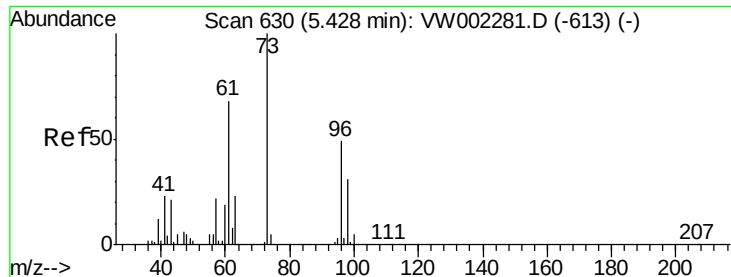
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

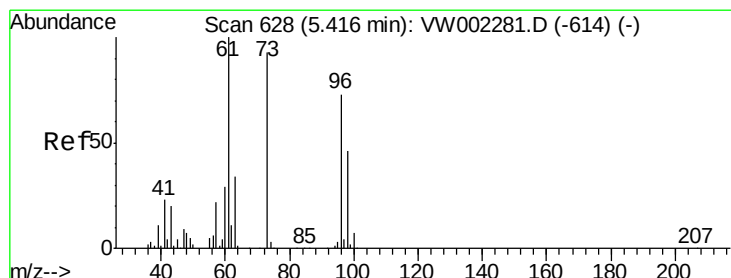
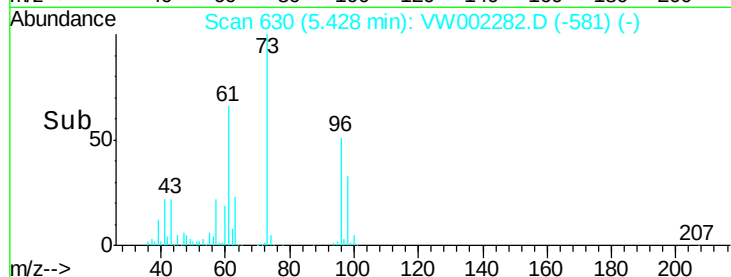
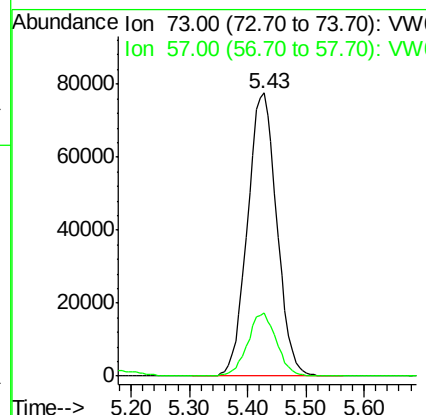
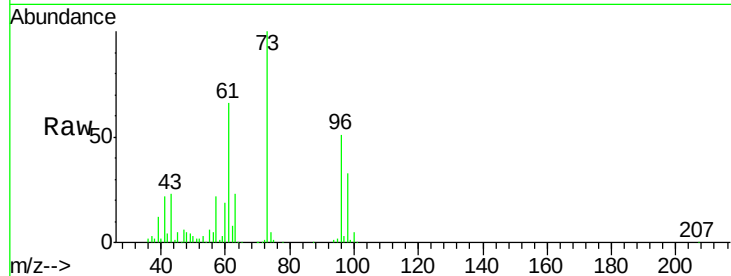




#19
Methyl tert-butyl Ether
Concen: 69.03 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

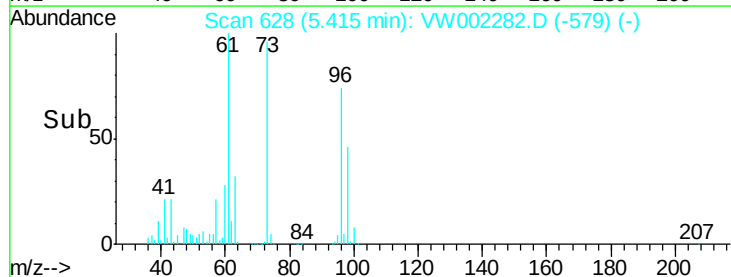
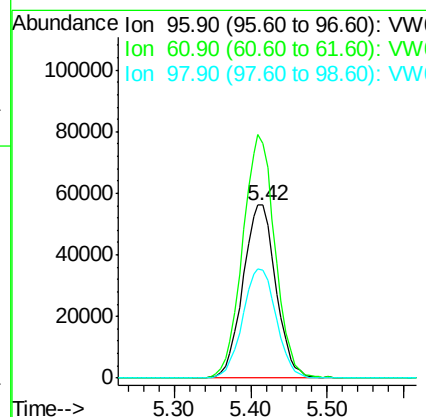
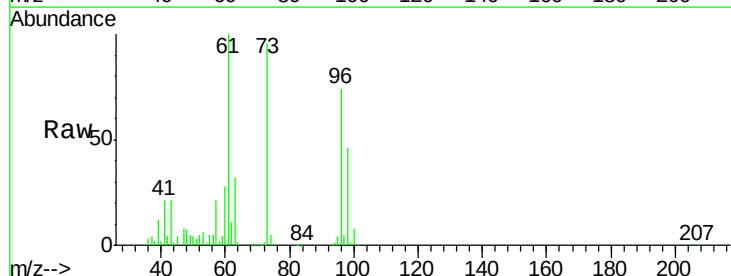
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

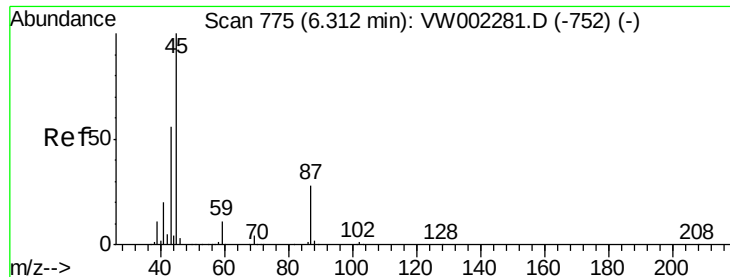
Tgt Ion: 73 Resp: 270455
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#21
trans-1,2-Dichloroethene
Concen: 78.06 ug/l
RT: 5.42 min Scan# 628
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion: 96 Resp: 168122
Ion Ratio Lower Upper
96 100
61 135.4 109.5 164.3
98 62.6 50.2 75.4





#22

Diisopropyl ether

Concen: 104.76 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 45 Resp: 502944

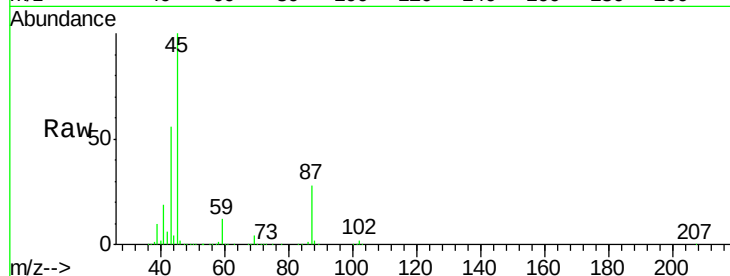
Ion Ratio Lower Upper

45 100

43 55.9 44.5 66.7

87 27.6 22.2 33.4

59 11.5 8.9 13.3

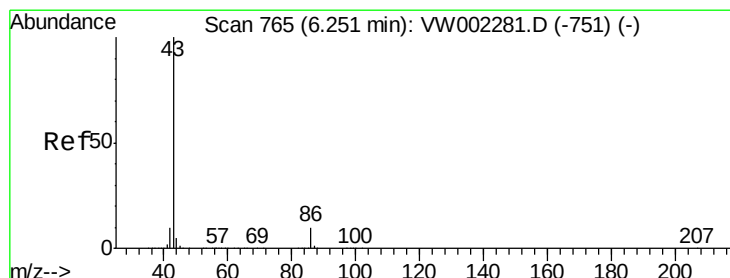
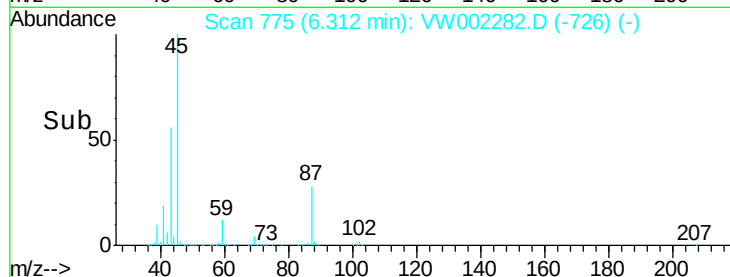
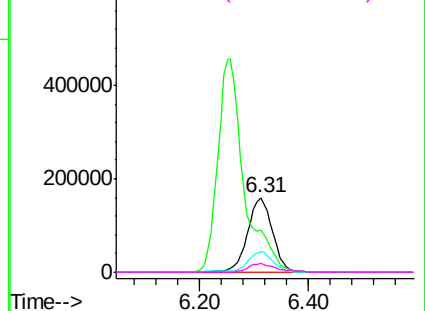


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW



#23

Vinyl Acetate

Concen: 596.68 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.01 min

Lab File: VW002282.D

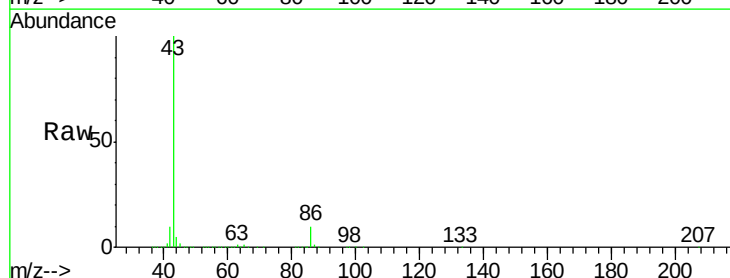
Acq: 08 May 2018 01:26

Tgt Ion: 43 Resp: 1525222

Ion Ratio Lower Upper

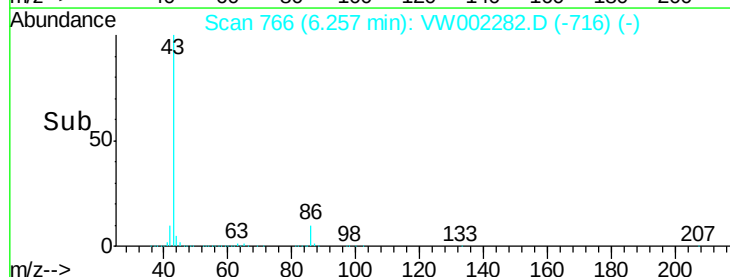
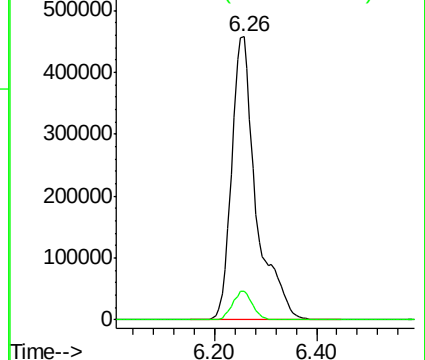
43 100

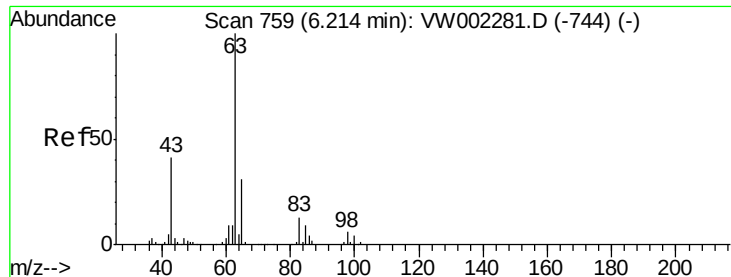
86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW





#24

1,1-Dichloroethane

Concen: 85.86 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

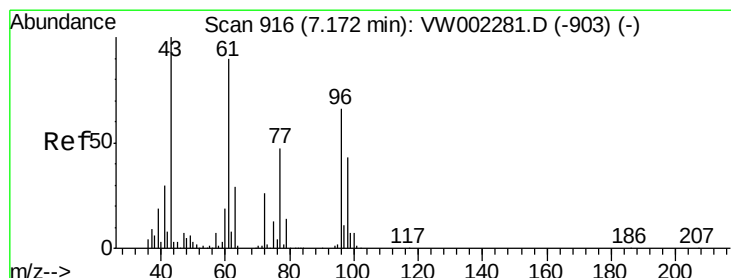
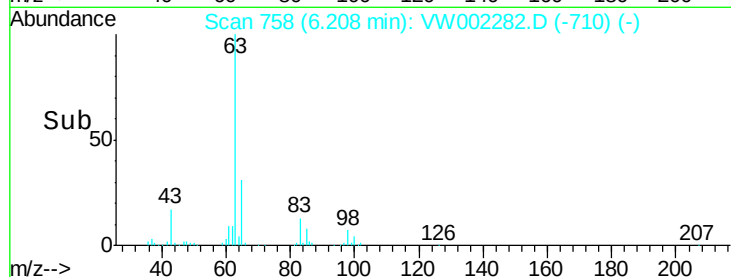
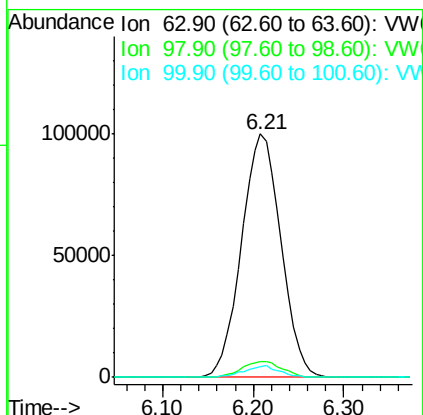
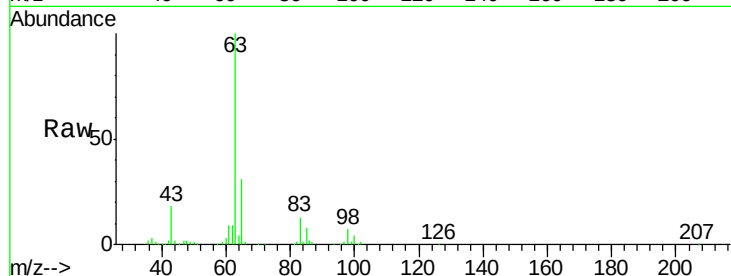
Tgt Ion: 63 Resp: 300757

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

100 4.3 2.0 6.0



#25

2-Butanone

Concen: 531.91 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002282.D

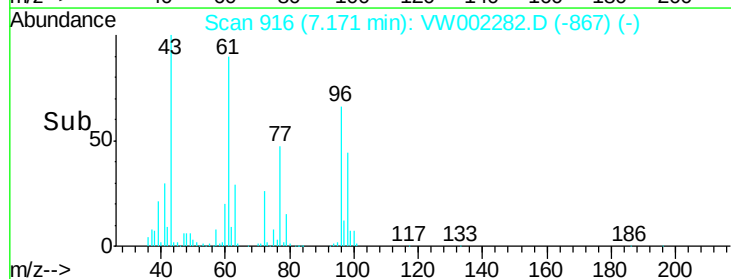
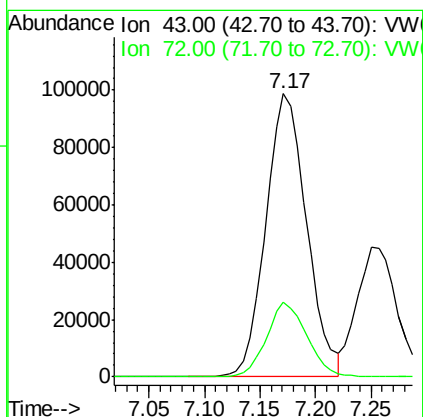
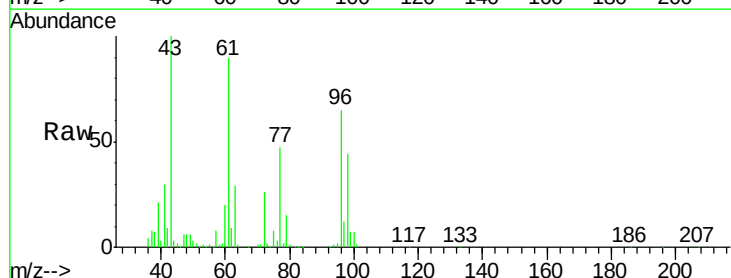
Acq: 08 May 2018 01:26

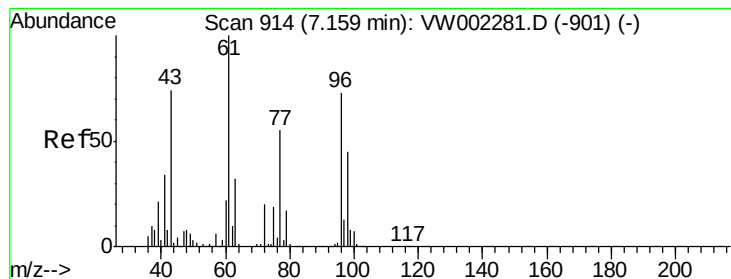
Tgt Ion: 43 Resp: 251432

Ion Ratio Lower Upper

43 100

72 26.3 20.6 31.0





#26

2,2-Dichloropropane

Concen: 45.47 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampled :

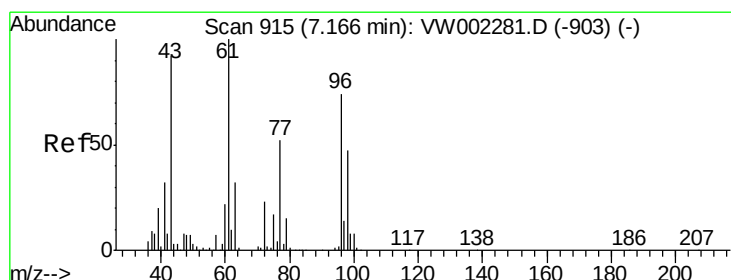
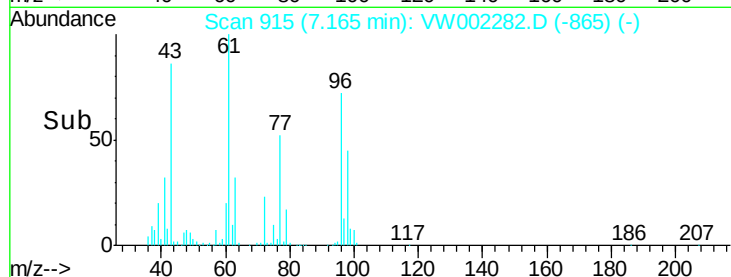
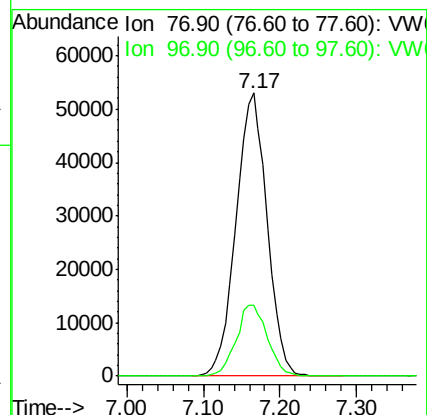
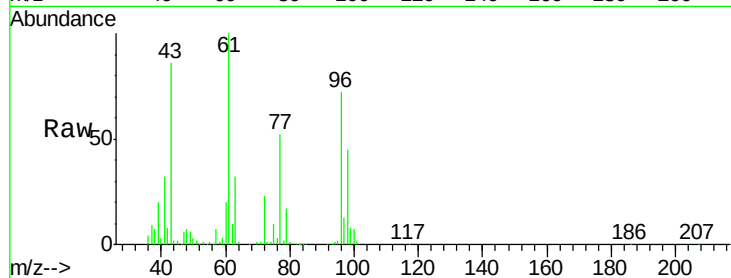
VSTDIC075

Tgt Ion: 77 Resp: 148848

Ion Ratio Lower Upper

77 100

97 25.2 12.7 38.0



#27

cis-1,2-Dichloroethene

Concen: 81.15 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

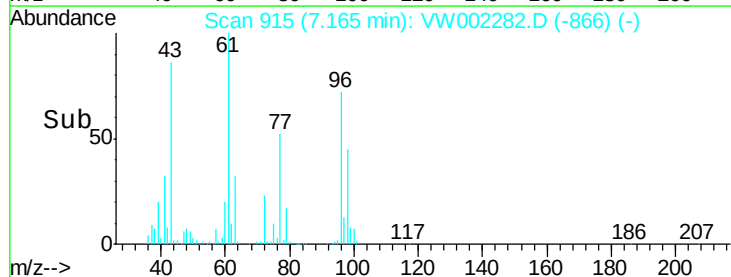
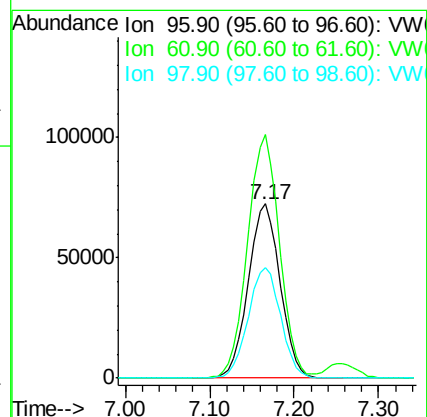
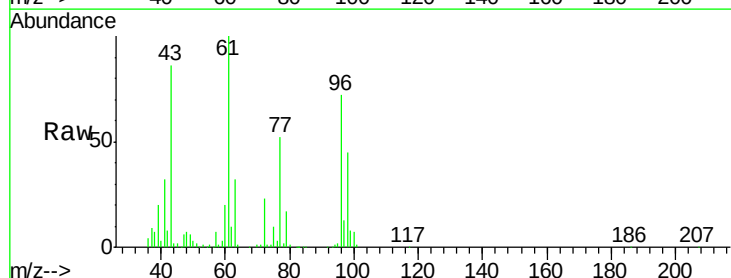
Tgt Ion: 96 Resp: 184998

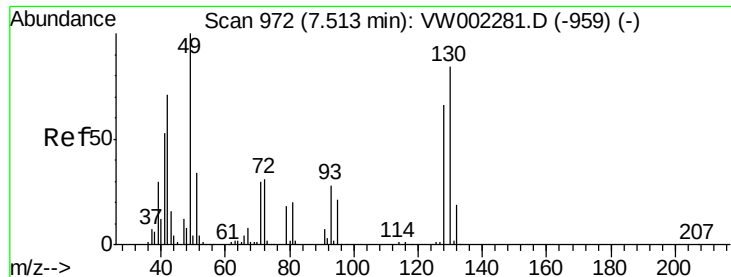
Ion Ratio Lower Upper

96 100

61 140.5 0.0 274.8

98 64.7 0.0 128.4





#28

Bromochloromethane

Concen: 106.62 ug/l

RT: 7.51 min Scan# 971

Delta R.T. -0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

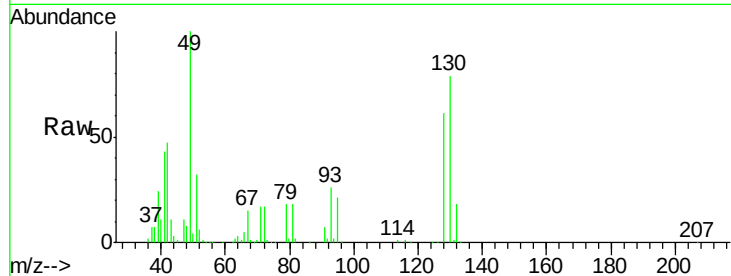
Tgt Ion: 49 Resp: 131159

Ion Ratio Lower Upper

49 100

129 0.9 0.0 2.4

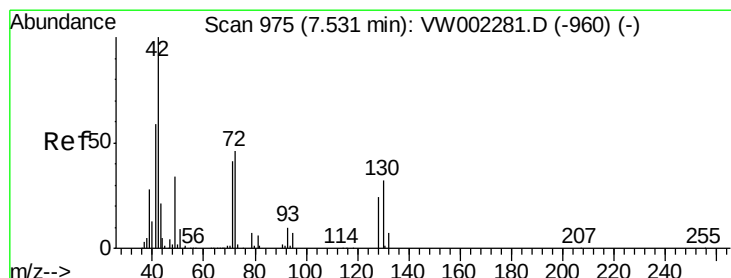
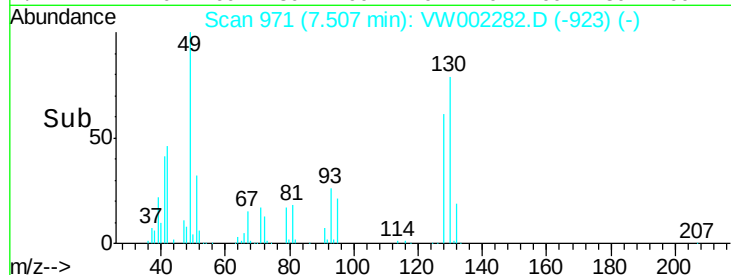
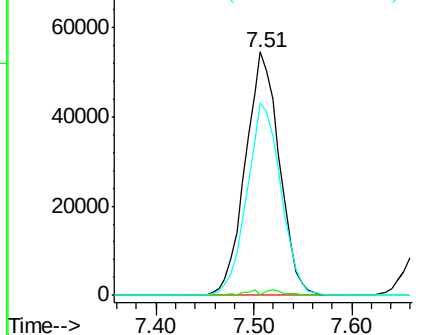
130 78.9 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW



#29

Tetrahydrofuran

Concen: 606.12 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

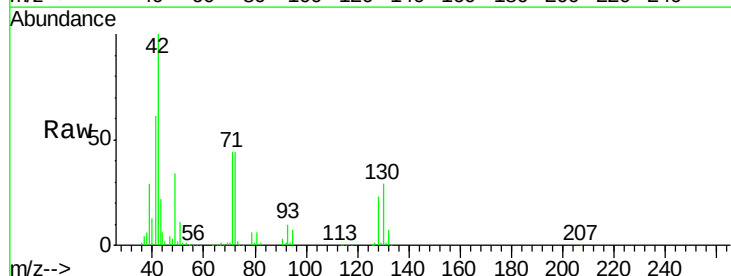
Tgt Ion: 42 Resp: 166576

Ion Ratio Lower Upper

42 100

72 42.6 34.5 51.7

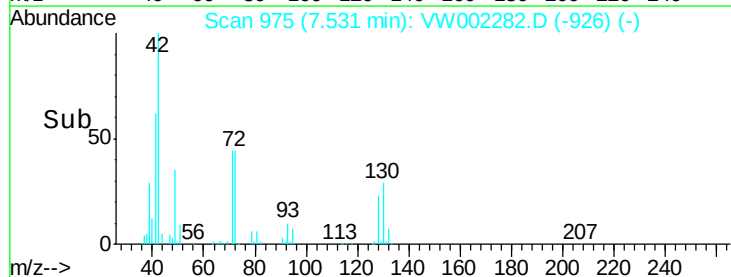
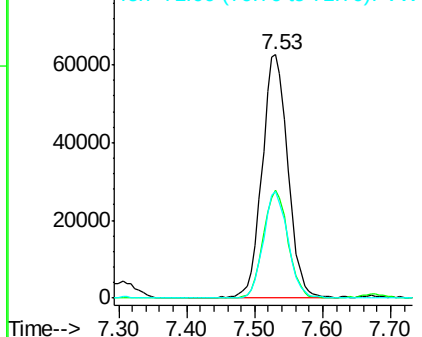
71 41.5 33.0 49.6

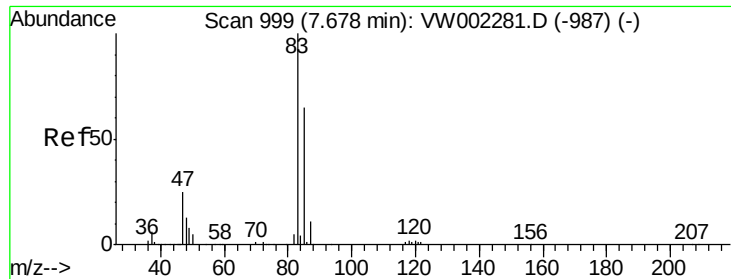


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

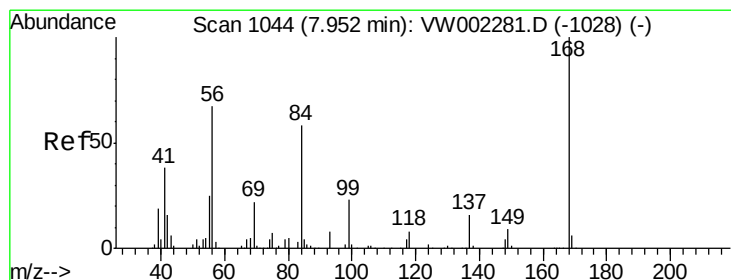
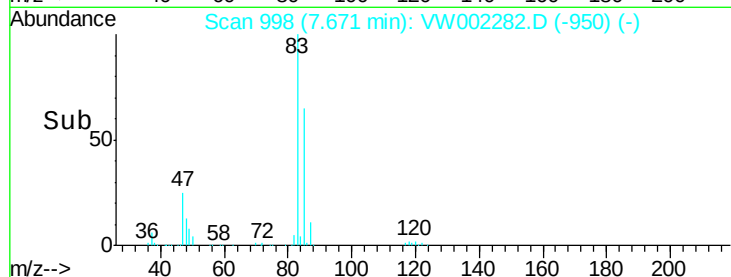
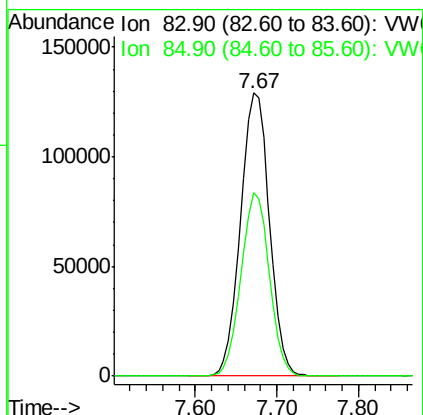
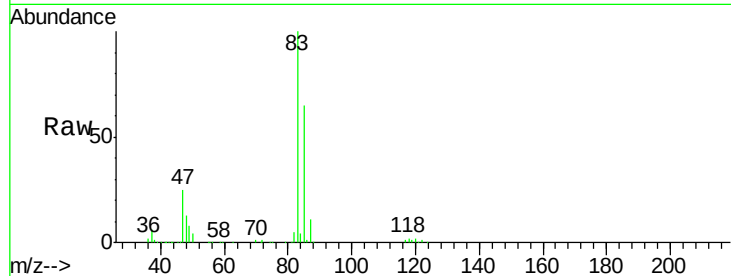




#30
Chloroform
Concen: 78.49 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

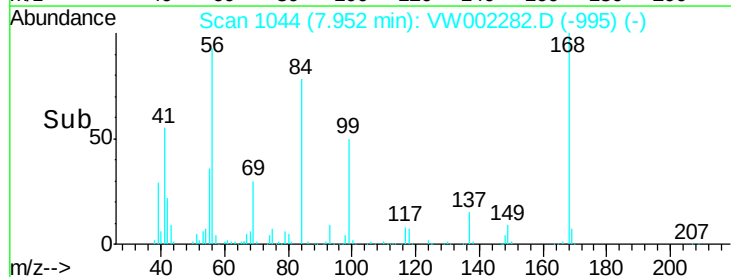
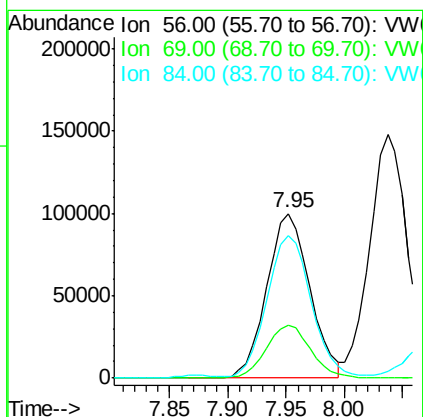
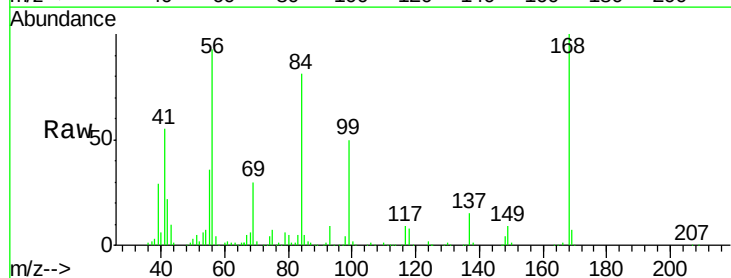
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

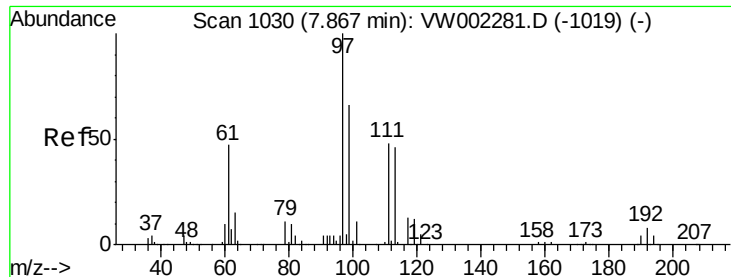
Tgt Ion: 83 Resp: 318004
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6



#31
Cyclohexane
Concen: 80.29 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion: 56 Resp: 254817
Ion Ratio Lower Upper
56 100
69 32.5 26.2 39.4
84 84.7 69.2 103.8





#32

1,1,1-Trichloroethane

Concen: 61.58 ug/l

RT: 7.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

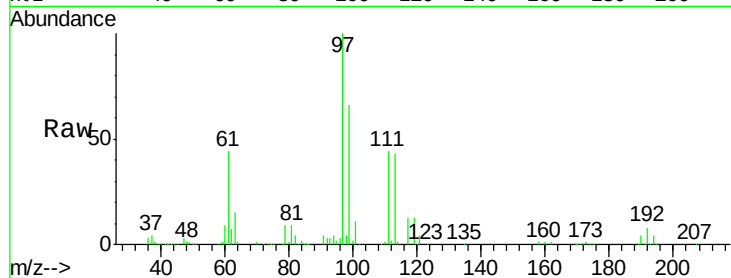
Tgt Ion: 97 Resp: 239449

Ion Ratio Lower Upper

97 100

99 64.3 52.6 79.0

61 44.5 35.6 53.4

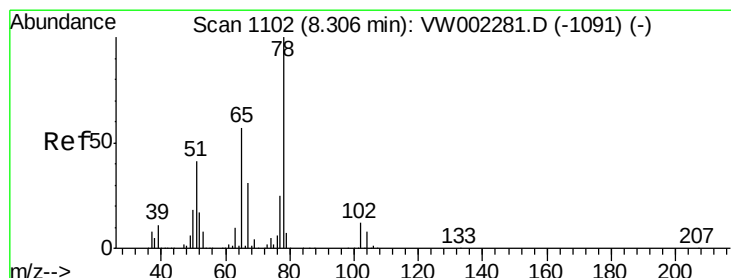
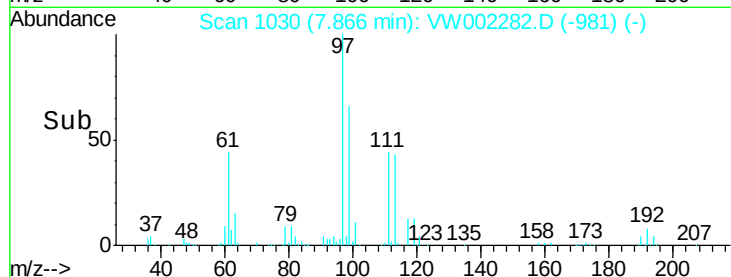
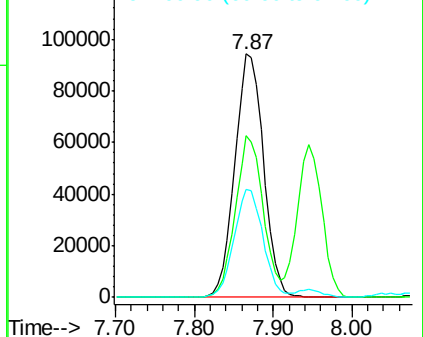


Abundance

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: 85.20 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002282.D

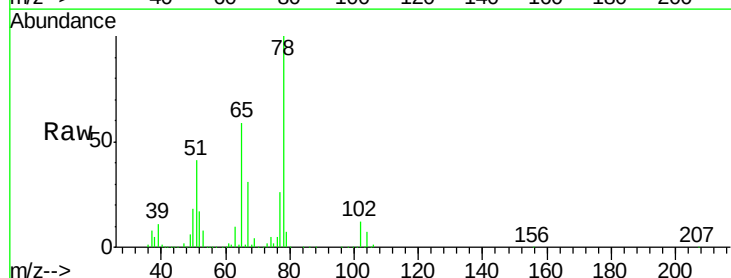
Acq: 08 May 2018 01:26

Tgt Ion: 65 Resp: 181796

Ion Ratio Lower Upper

65 100

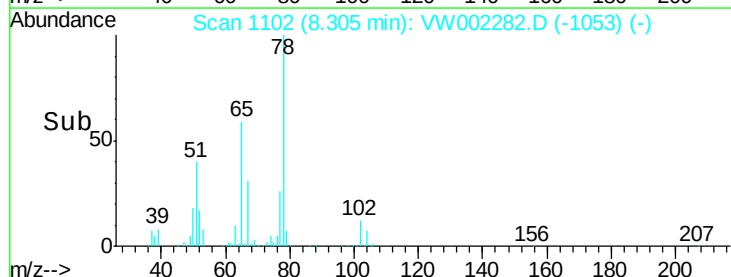
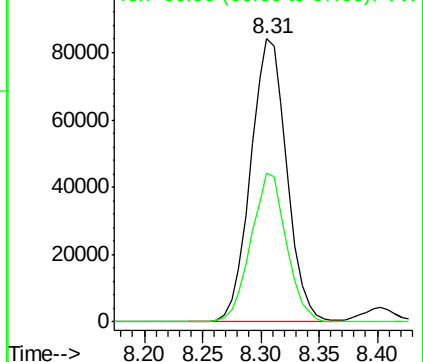
67 51.9 0.0 107.2

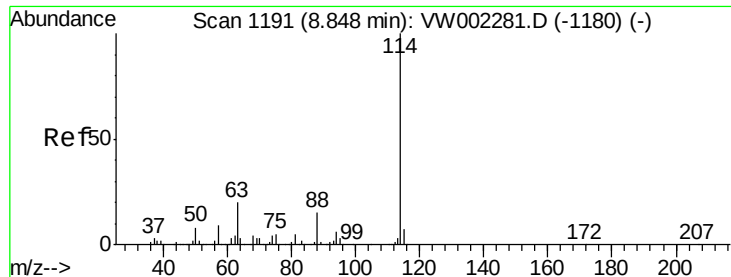


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

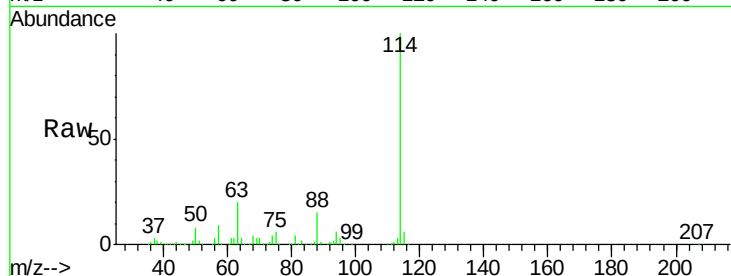




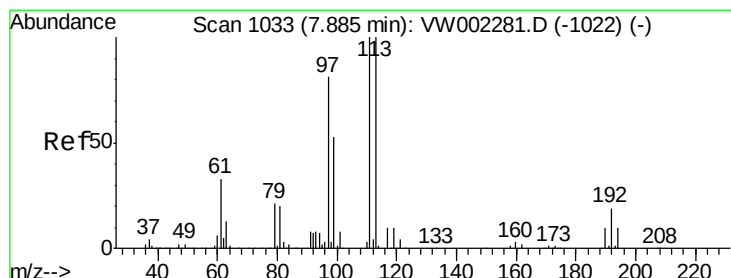
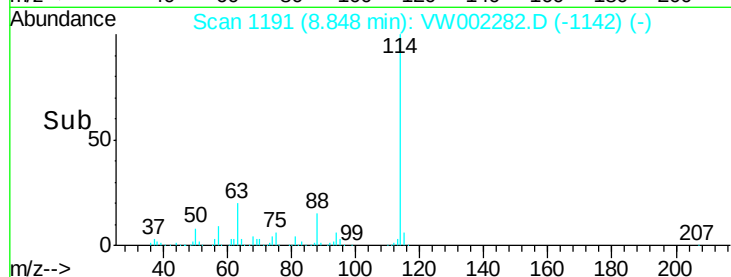
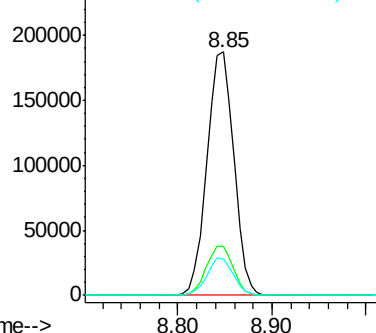
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:114 Resp: 372469
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.0 0.0 29.6

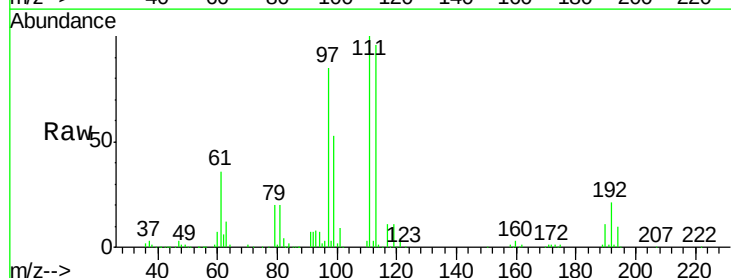


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

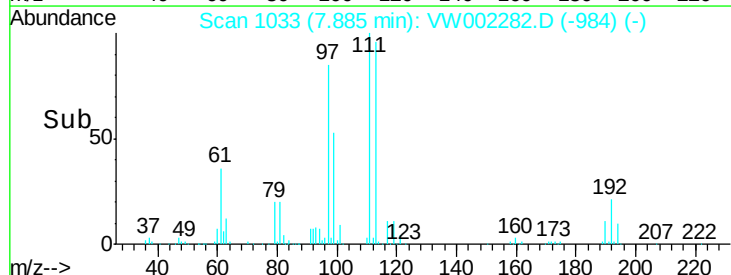
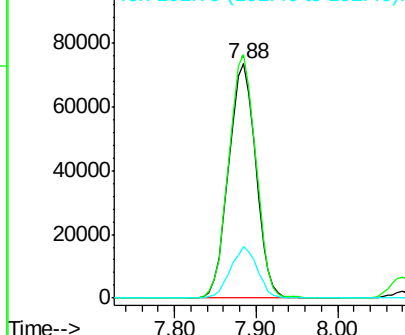


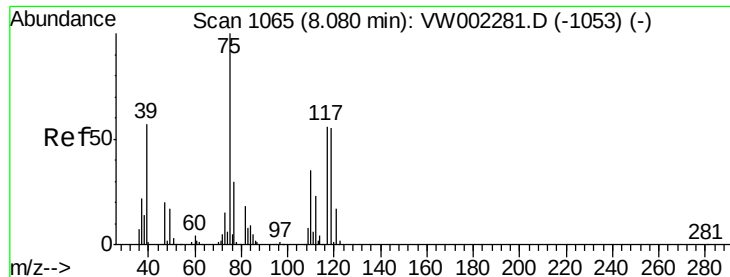
#35
 Dibromofluoromethane
 Concen: 72.46 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion:113 Resp: 169334
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 21.5 16.4 24.6



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





#36

1,1-Dichloropropene

Concen: 69.38 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

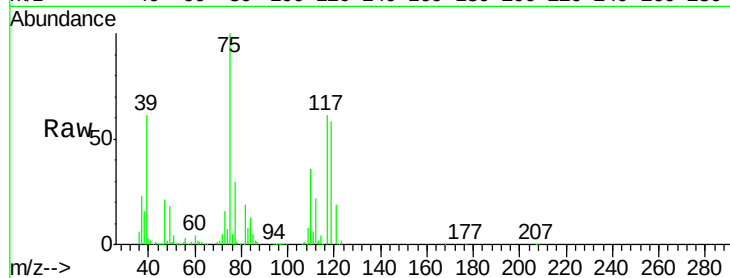
Tgt Ion: 75 Resp: 239256

Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.1

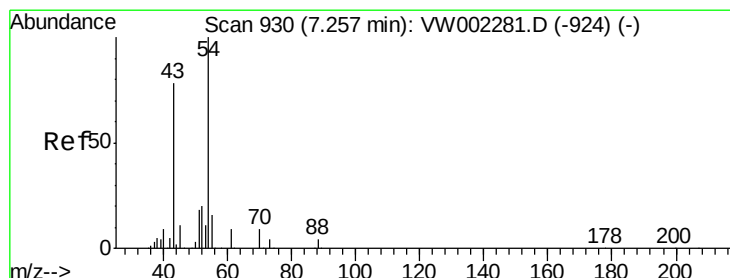
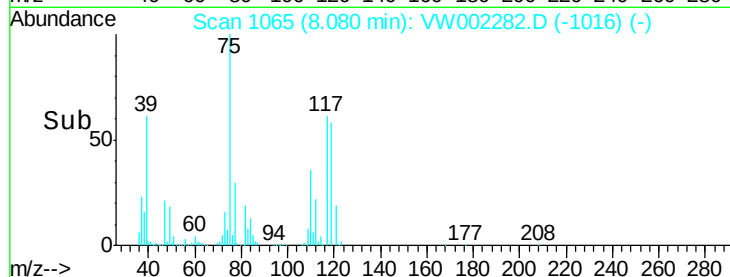
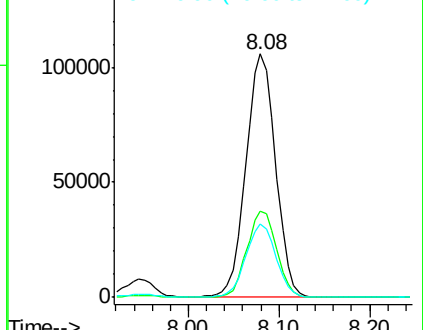
77 30.9 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 105.12 ug/l

RT: 7.25 min Scan# 929

Delta R.T. -0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

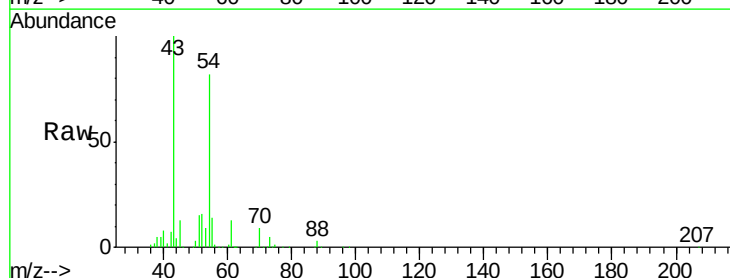
Tgt Ion: 43 Resp: 115061

Ion Ratio Lower Upper

43 100

61 13.2 11.1 16.7

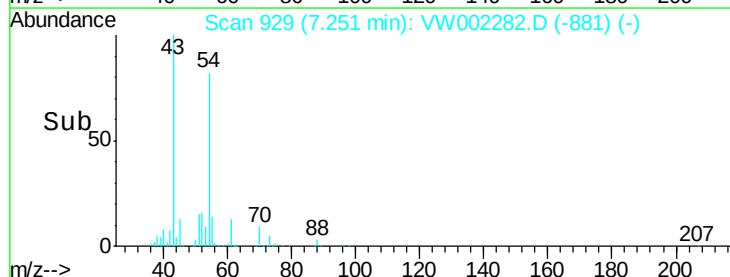
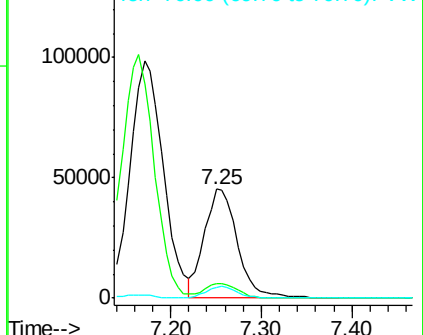
70 10.0 7.9 11.9

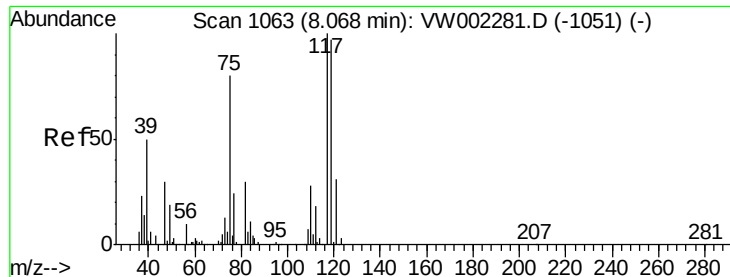


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

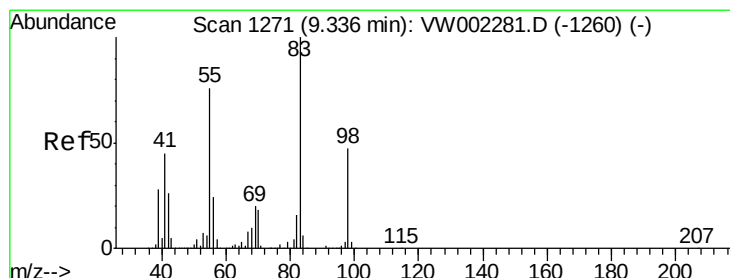
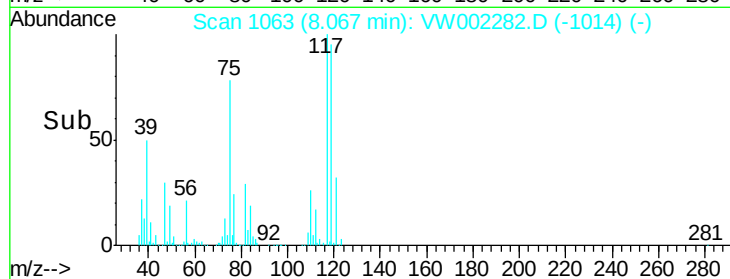
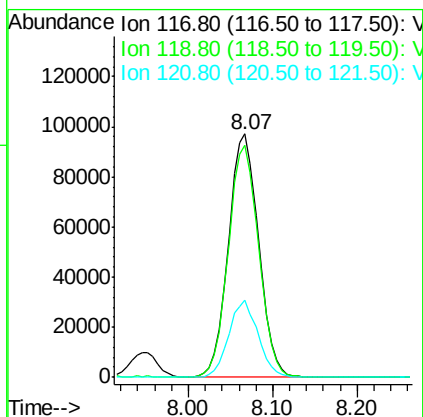
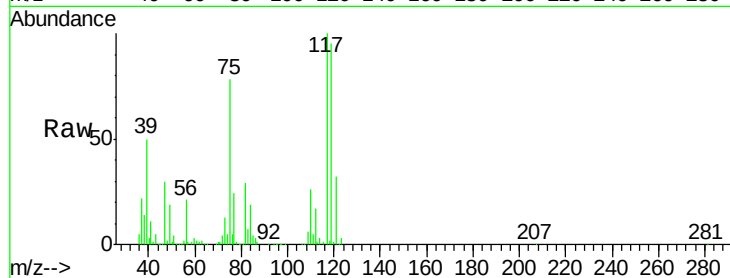




#38
Carbon Tetrachloride
Concen: 56.52 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

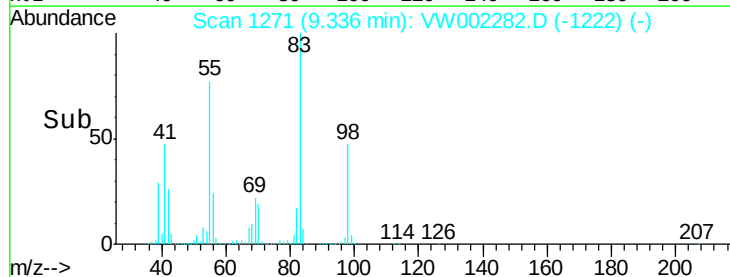
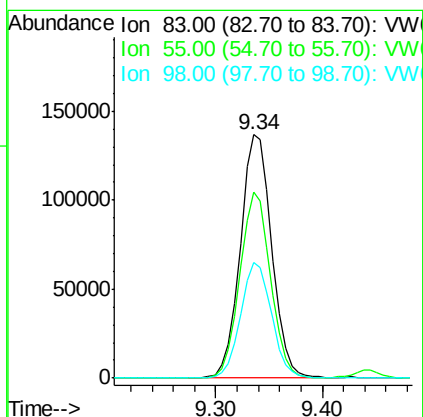
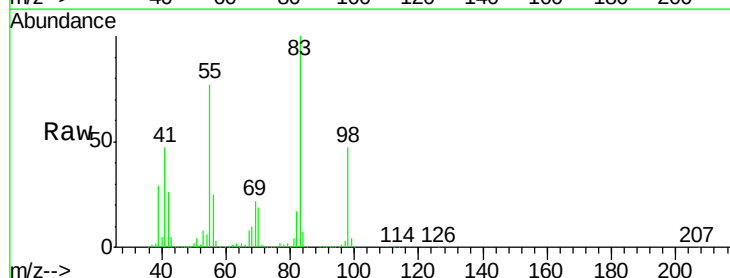
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

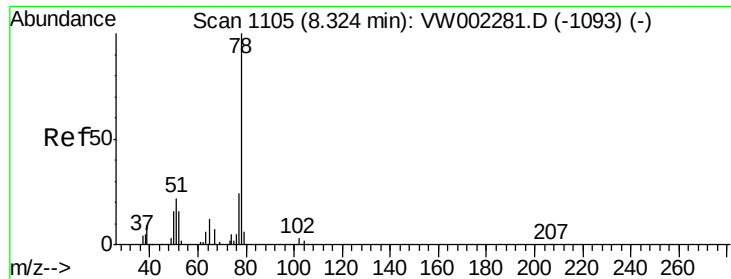
Tgt Ion: 117 Resp: 235723
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3
121 31.5 24.4 36.6



#39
Methylcyclohexane
Concen: 72.20 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion: 83 Resp: 283416
Ion Ratio Lower Upper
83 100
55 76.5 60.6 91.0
98 47.2 37.4 56.0





#40

Benzene

Concen: 72.81 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

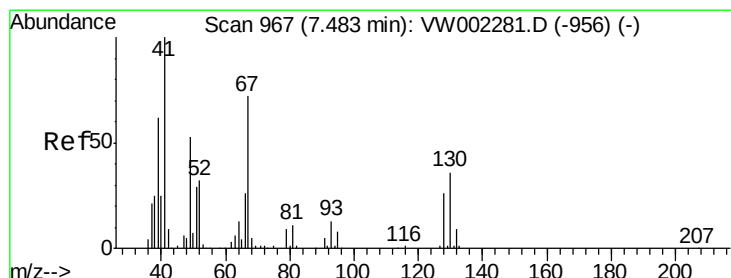
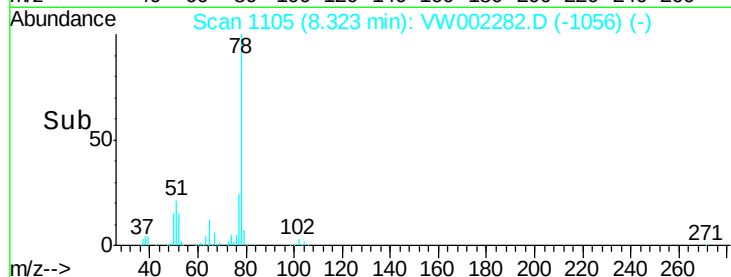
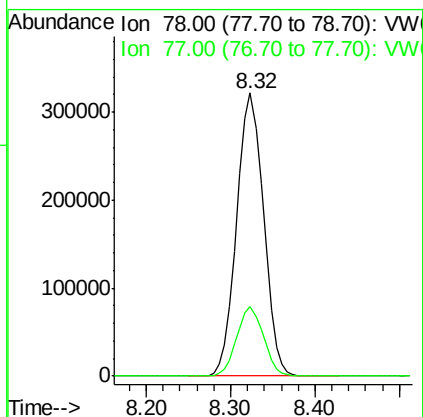
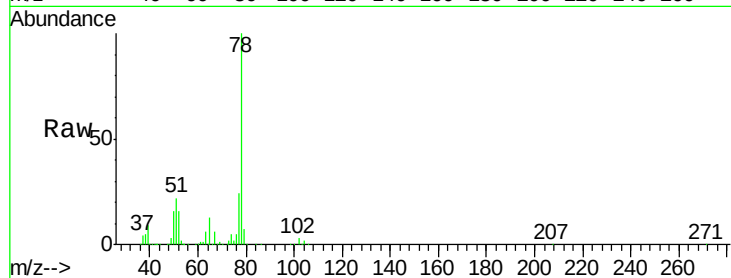
VSTDIC075

Tgt Ion: 78 Resp: 693085

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9



#41

Methacrylonitrile

Concen: 105.04 ug/l

RT: 7.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Tgt Ion: 41 Resp: 63737

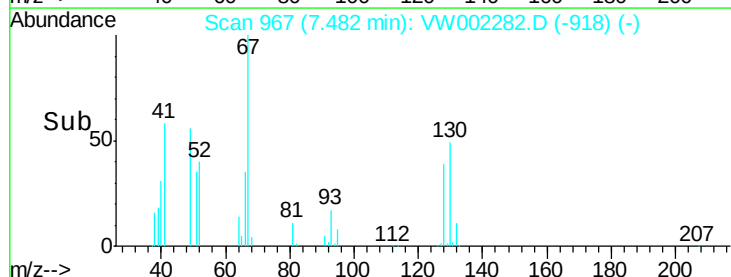
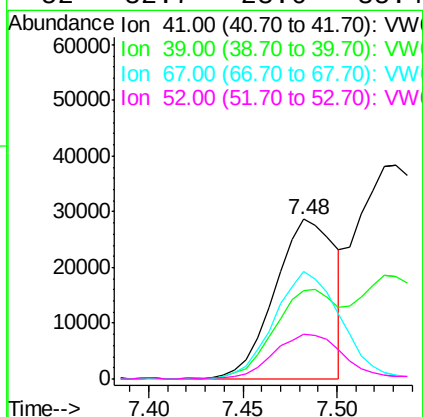
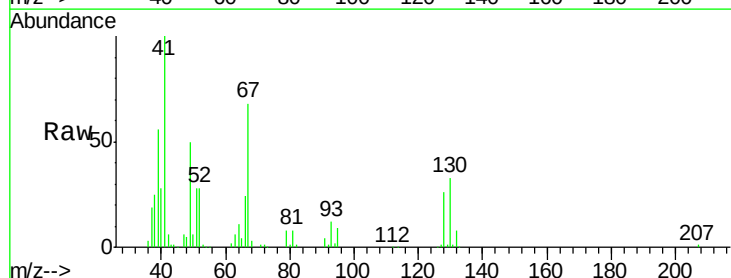
Ion Ratio Lower Upper

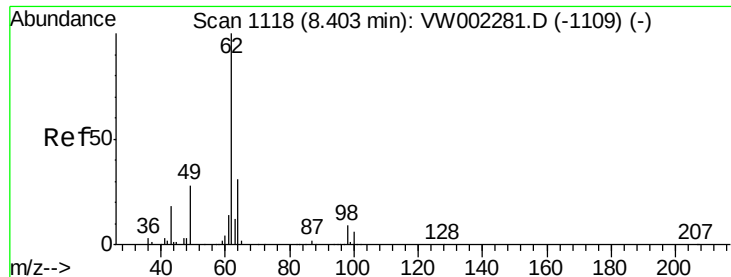
41 100

39 57.2 40.2 60.4

67 74.6 54.7 82.1

52 32.7 23.6 35.4

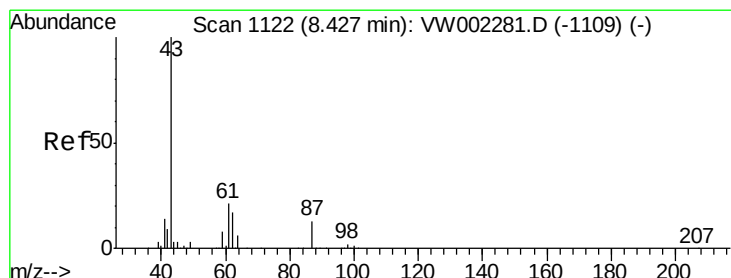
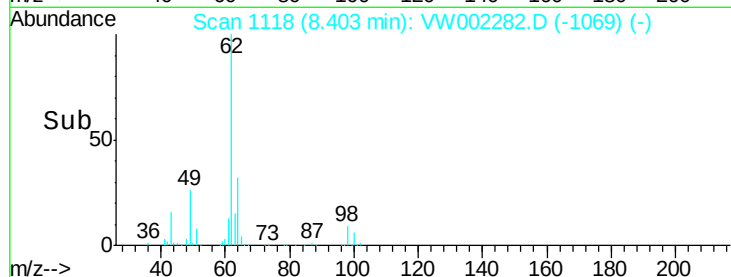
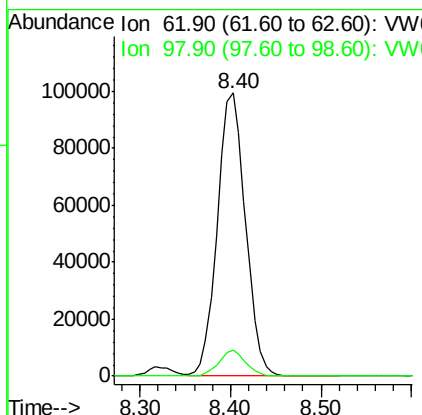
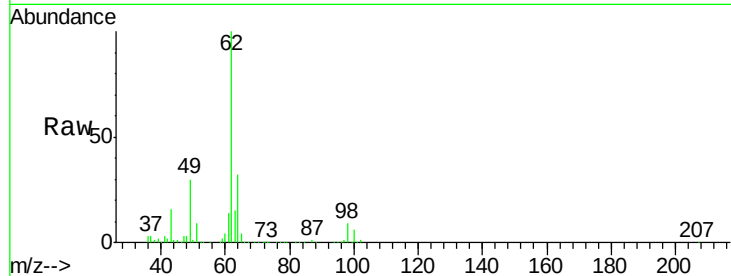




#42
 1,2-Dichloroethane
 Concen: 73.35 ug/l
 RT: 8.40 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

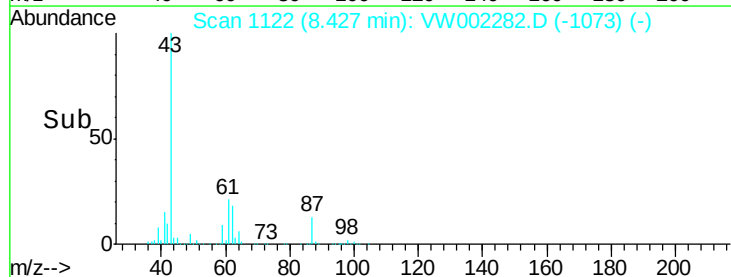
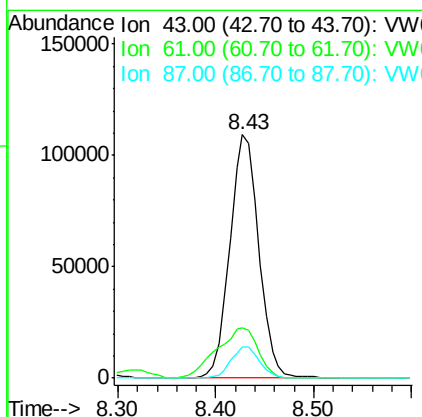
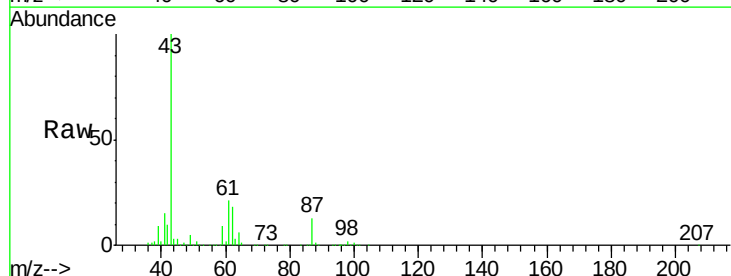
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

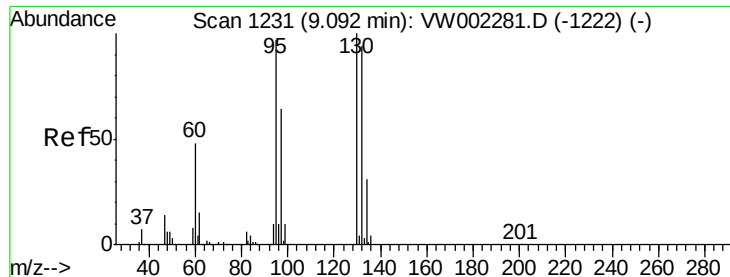
Tgt Ion: 62 Resp: 215307
 Ion Ratio Lower Upper
 62 100
 98 8.7 0.0 18.4



#43
 Isopropyl Acetate
 Concen: 102.93 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 43 Resp: 223562
 Ion Ratio Lower Upper
 43 100
 61 29.3 23.7 35.5
 87 12.8 10.7 16.1





#44

Trichloroethene

Concen: 63.22 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

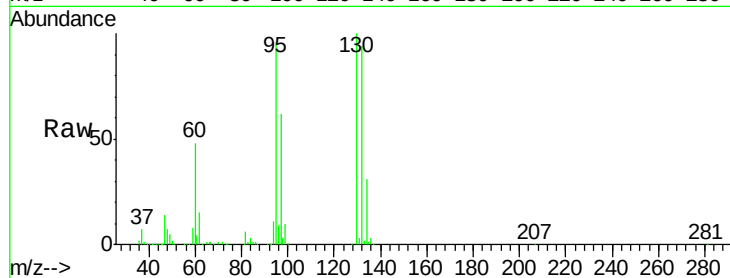
VSTDIC075

Tgt Ion:130 Resp: 190027

Ion Ratio Lower Upper

130 100

95 96.2 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.09

100000

80000

60000

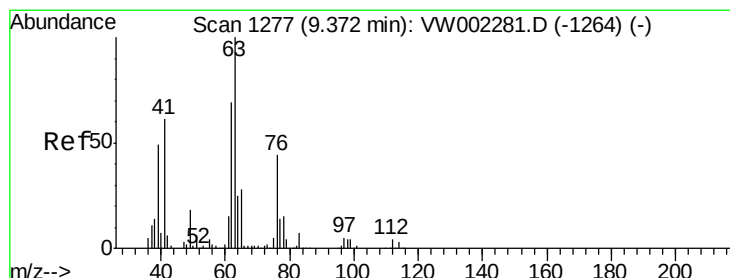
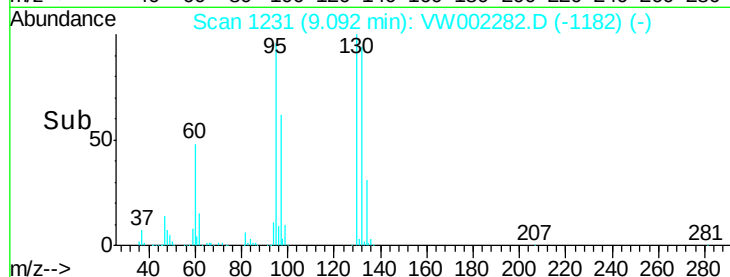
40000

20000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#45

1,2-Dichloropropane

Concen: 79.97 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW002282.D

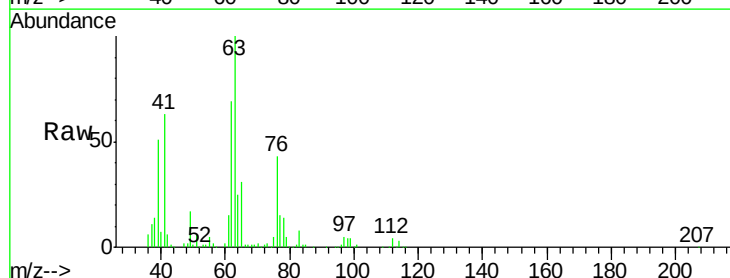
Acq: 08 May 2018 01:26

Tgt Ion: 63 Resp: 173454

Ion Ratio Lower Upper

63 100

65 31.3 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

100000

80000

60000

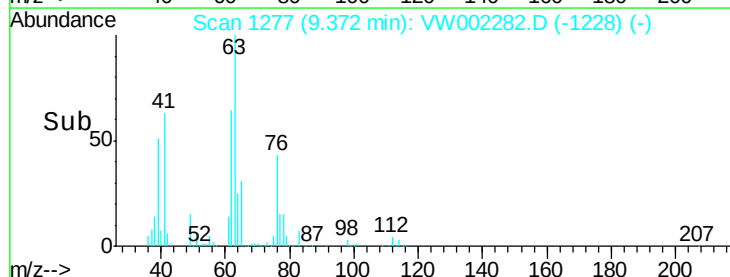
40000

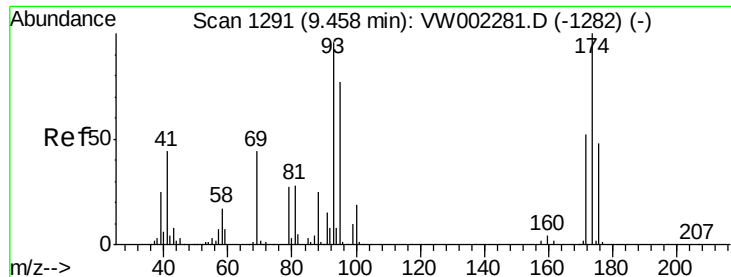
20000

0

Time-->

9.20 9.30 9.40 9.50

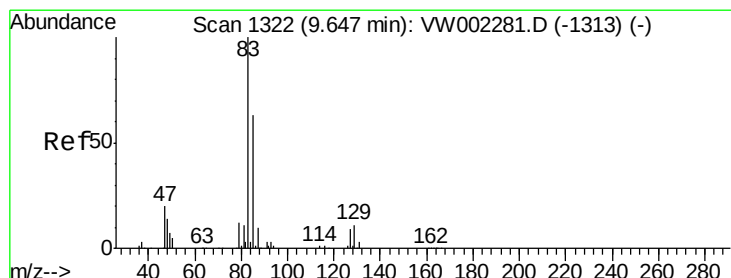
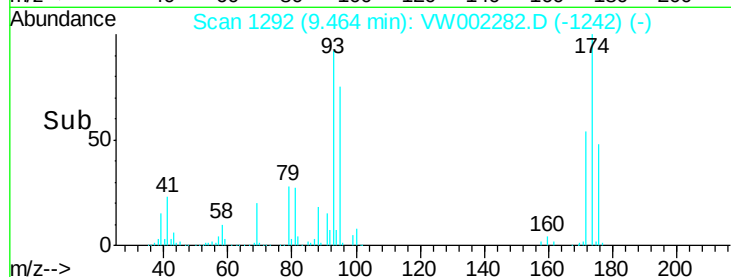
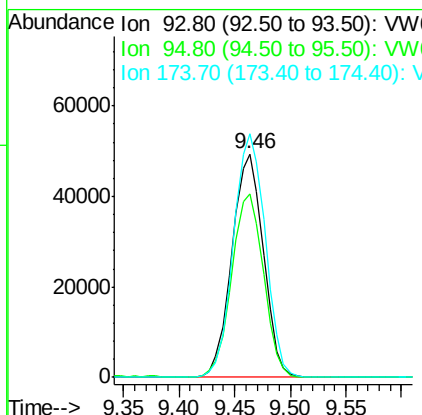
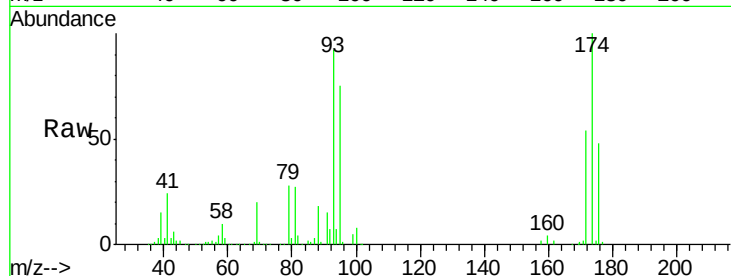




#46
Dibromomethane
Concen: 78.28 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

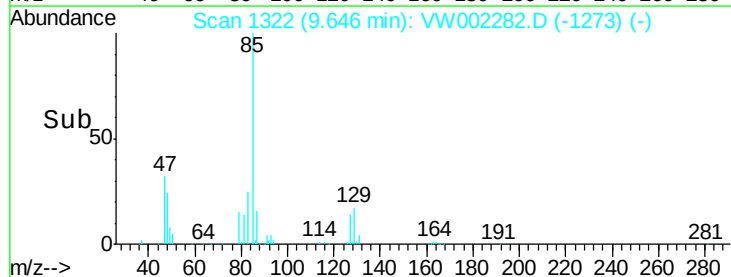
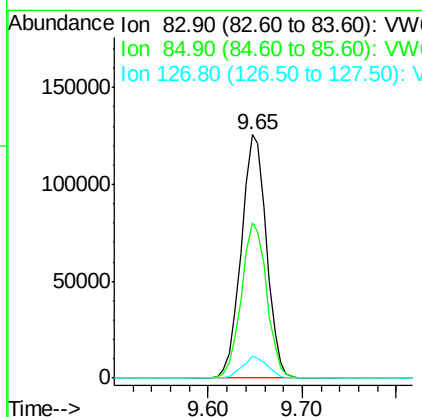
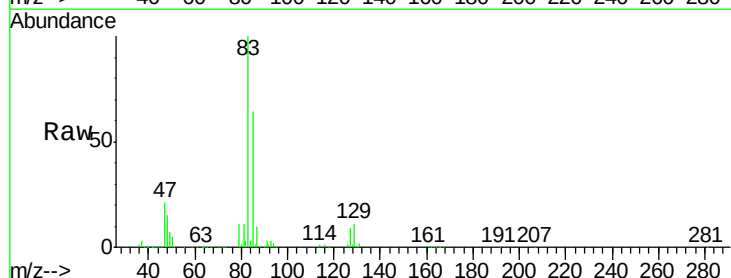
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

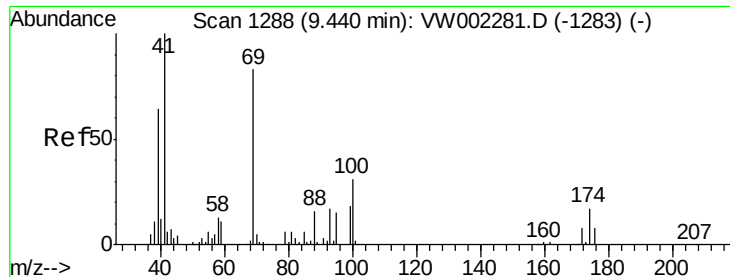
Tgt Ion: 93 Resp: 96703
Ion Ratio Lower Upper
93 100
95 83.2 66.4 99.6
174 109.7 86.8 130.2



#47
Bromodichloromethane
Concen: 70.36 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion: 83 Resp: 232706
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.2
127 9.2 6.9 10.3

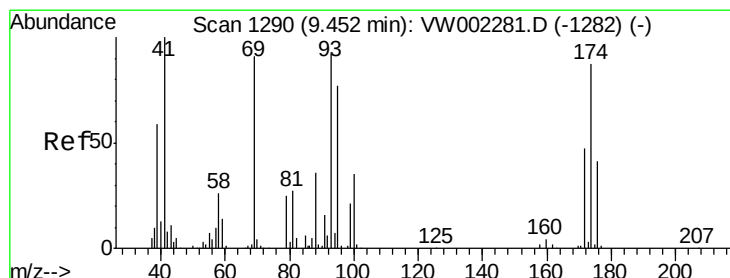
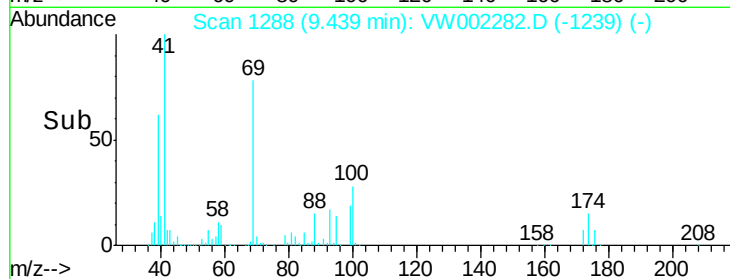
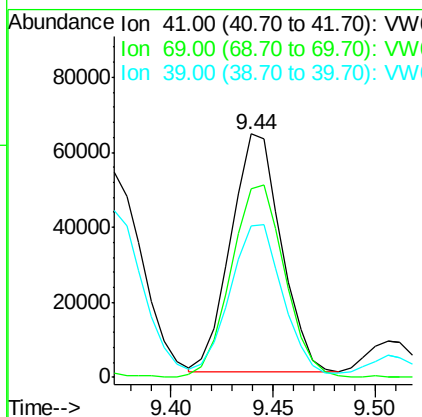
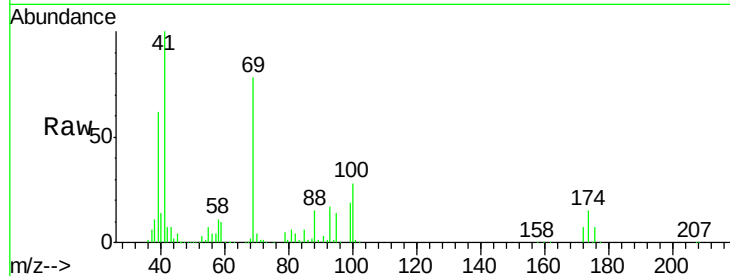




#48
Methyl methacrylate
Concen: 103.23 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

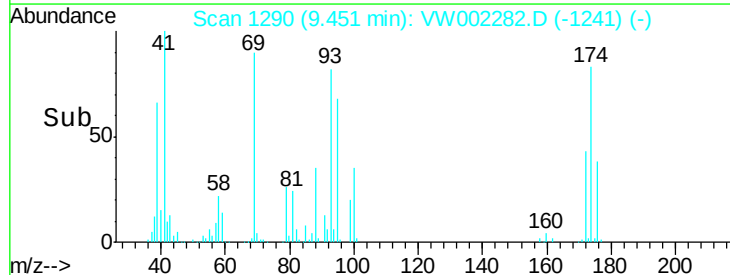
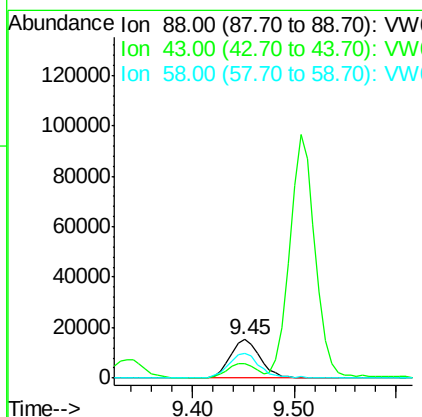
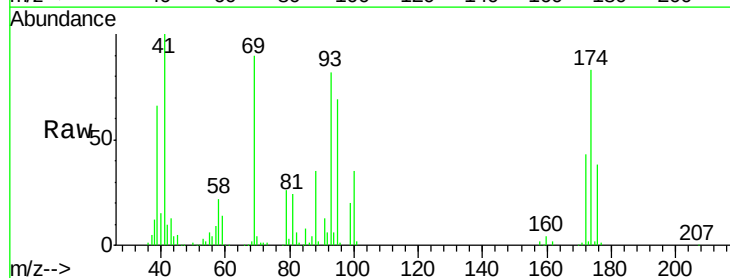
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

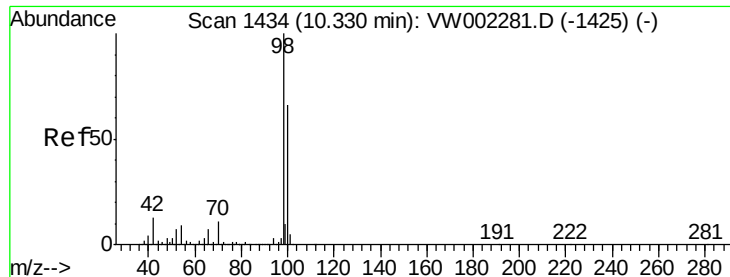
Tgt Ion: 41 Resp: 108575
Ion Ratio Lower Upper
41 100
69 85.6 69.9 104.9
39 68.0 54.0 81.0



#49
1,4-Dioxane
Concen: 1649.36 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion: 88 Resp: 31272
Ion Ratio Lower Upper
88 100
43 35.2 26.3 39.5
58 66.8 56.0 84.0





#50

Toluene-d8

Concen: 75.91 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampled :

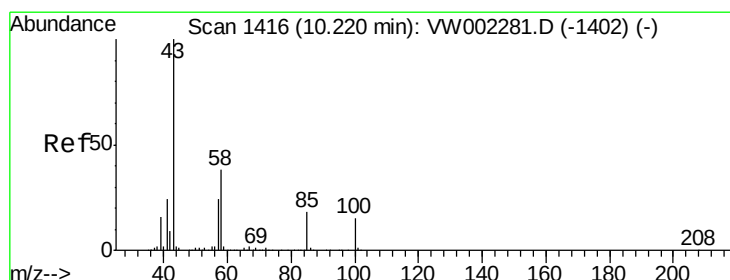
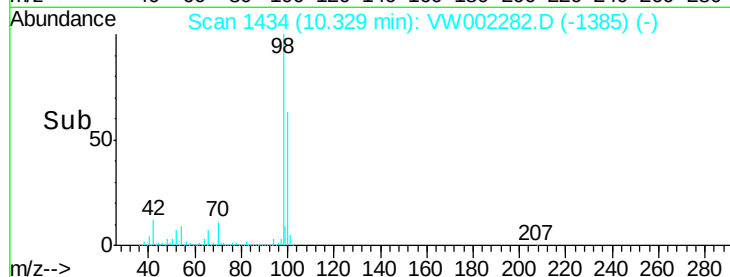
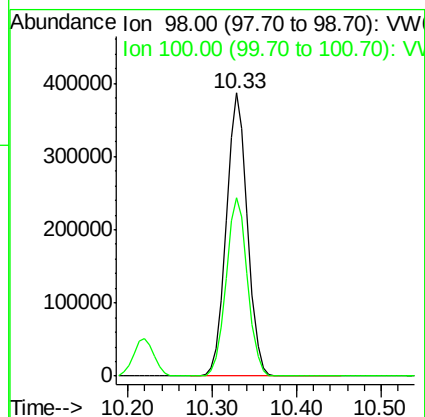
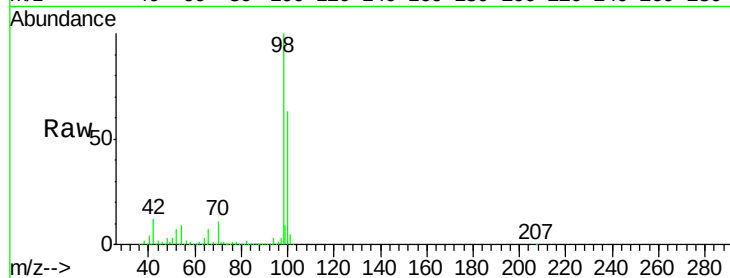
VSTDIC075

Tgt Ion: 98 Resp: 661986

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 551.57 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002282.D

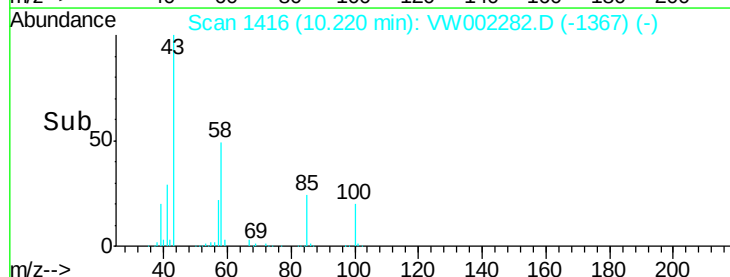
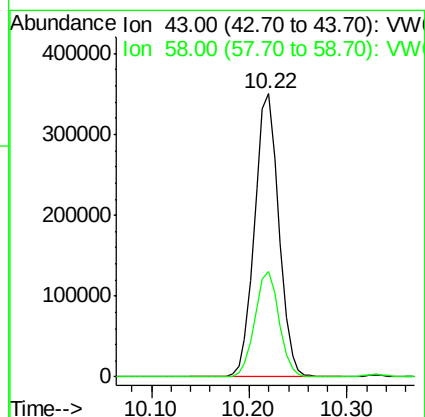
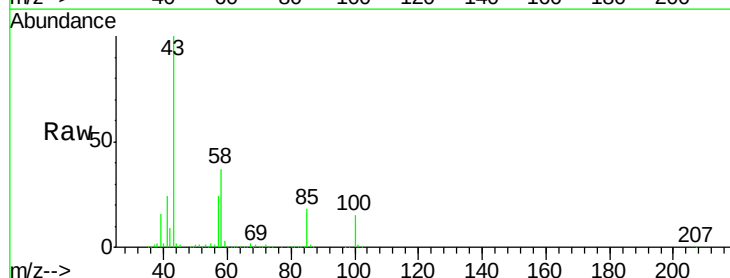
Acq: 08 May 2018 01:26

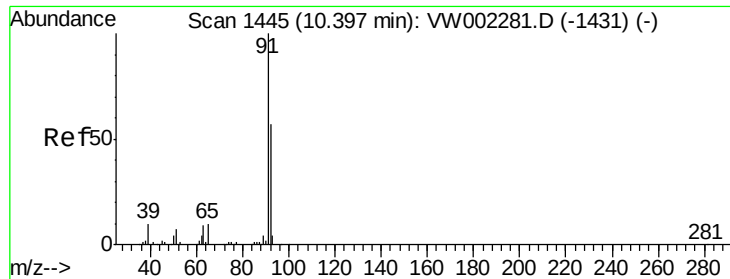
Tgt Ion: 43 Resp: 602532

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.2





#52

Toluene

Concen: 70.90 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

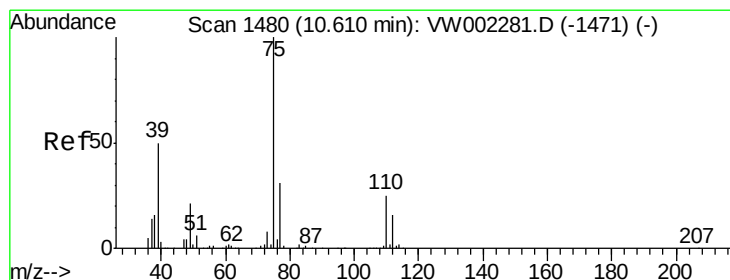
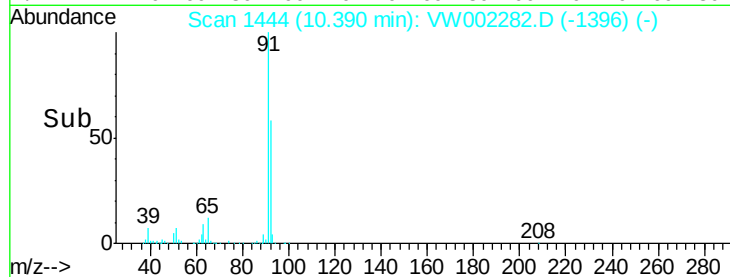
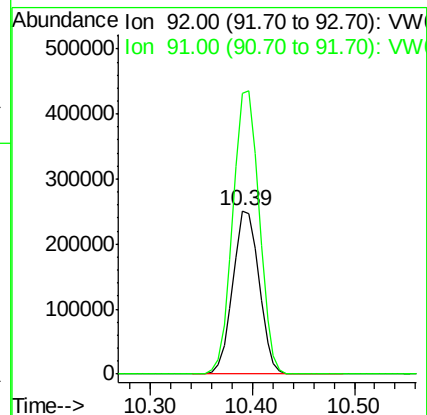
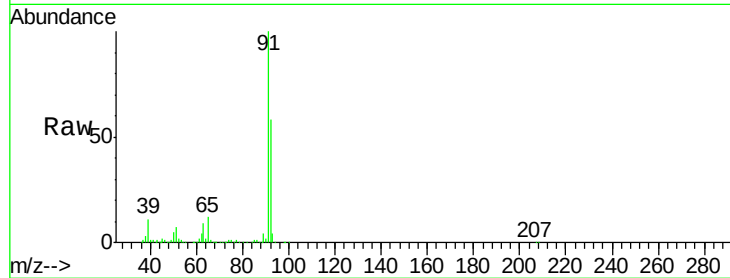
VSTDIC075

Tgt Ion: 92 Resp: 445132

Ion Ratio Lower Upper

92 100

91 174.8 138.6 208.0



#53

t-1,3-Dichloropropene

Concen: 78.24 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002282.D

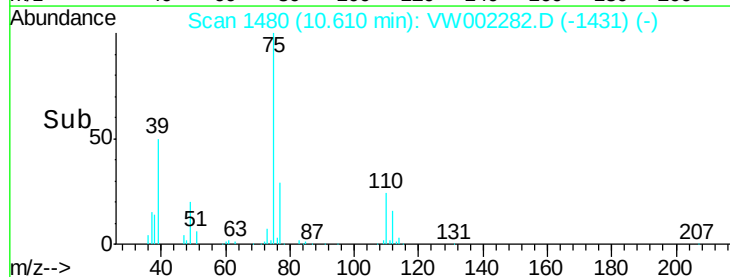
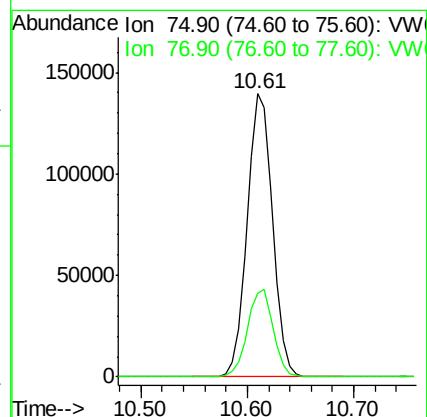
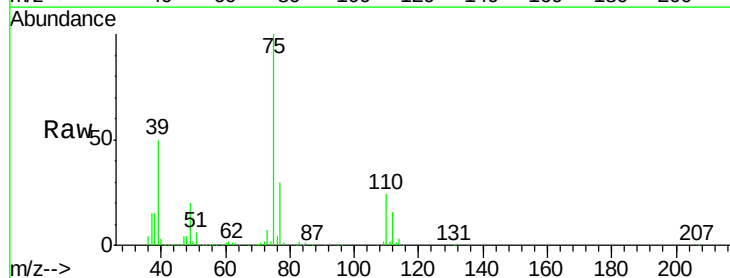
Acq: 08 May 2018 01:26

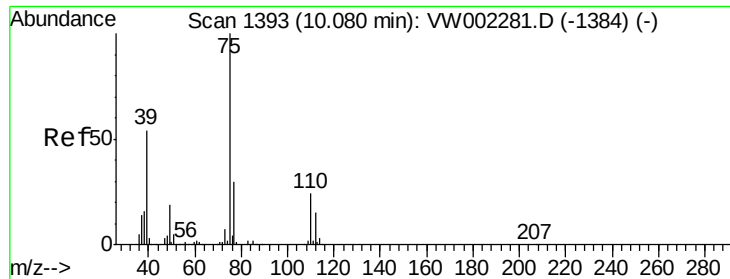
Tgt Ion: 75 Resp: 233715

Ion Ratio Lower Upper

75 100

77 29.5 25.0 37.4





#54

cis-1,3-Dichloropropene

Concen: 76.59 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

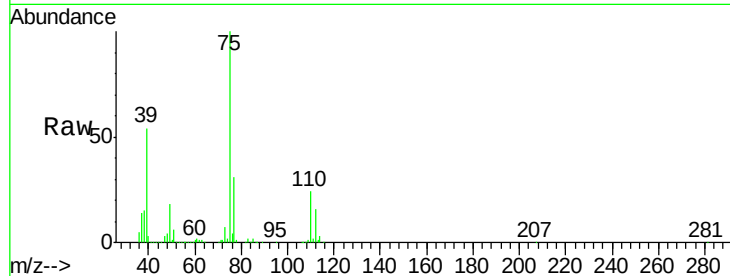
Tgt Ion: 75 Resp: 262307

Ion Ratio Lower Upper

75 100

77 30.9 23.9 35.9

39 53.8 43.2 64.8

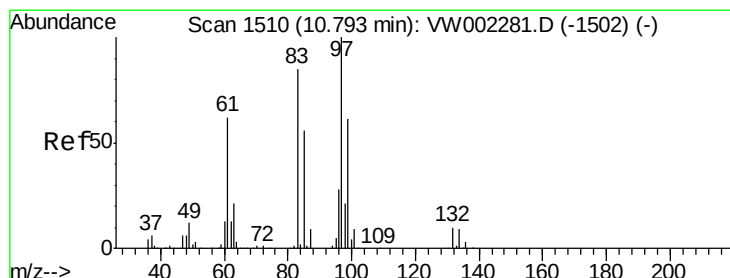
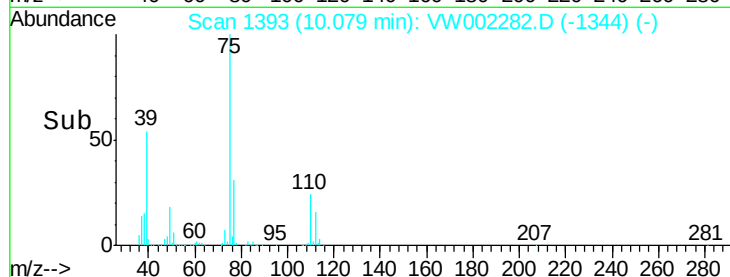
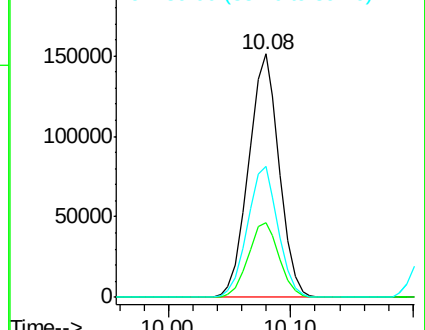


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



#55

1,1,2-Trichloroethane

Concen: 74.81 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Tgt Ion: 97 Resp: 135618

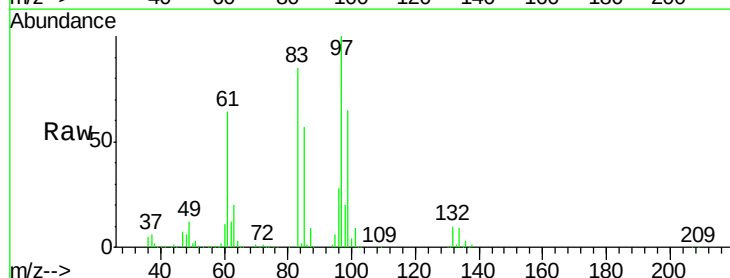
Ion Ratio Lower Upper

97 100

83 85.2 68.4 102.6

85 57.0 44.6 67.0

99 65.2 48.8 73.2



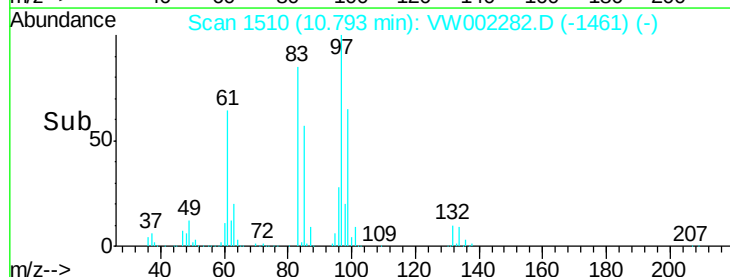
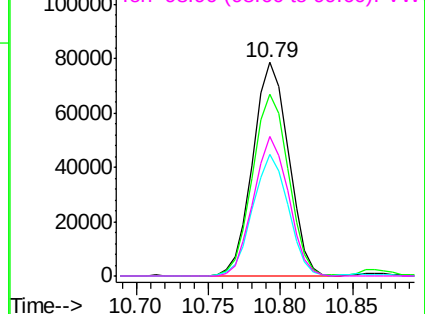
Abundance

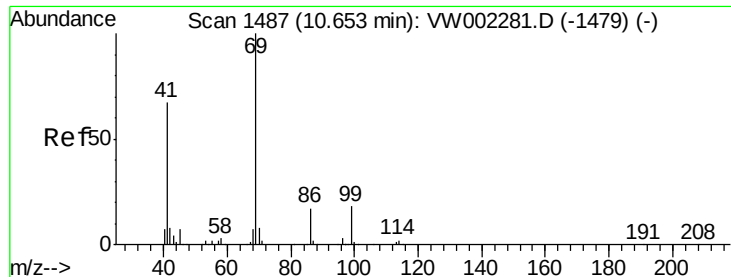
Ion 96.90 (96.60 to 97.60): VW

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: 93.75 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

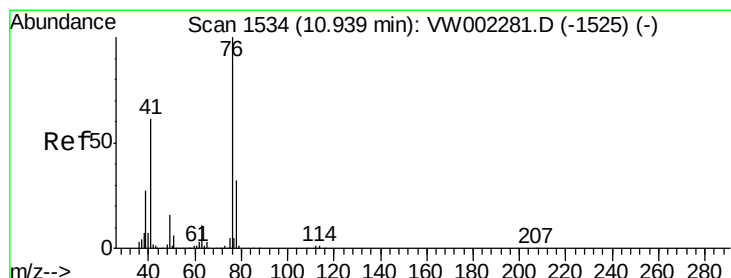
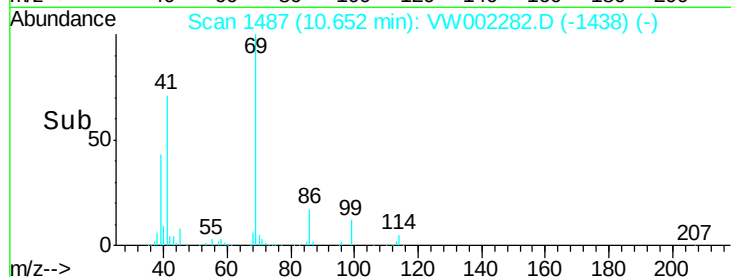
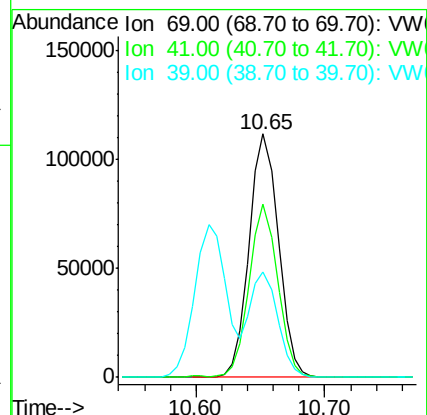
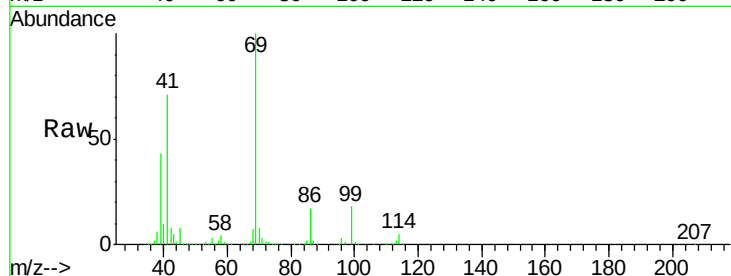
Tgt Ion: 69 Resp: 175834

Ion Ratio Lower Upper

69 100

41 70.1 56.0 84.0

39 41.4 32.7 49.1



#57

1,3-Dichloropropane

Concen: 81.42 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002282.D

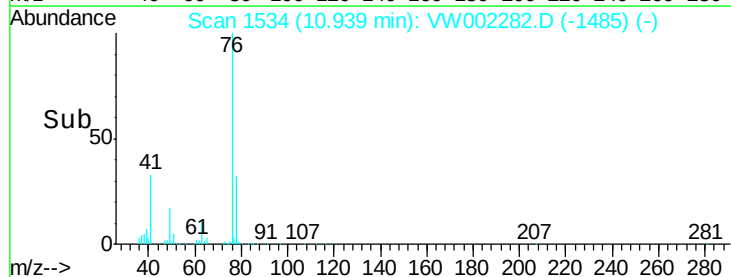
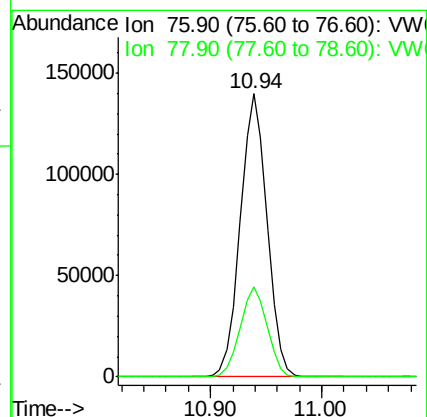
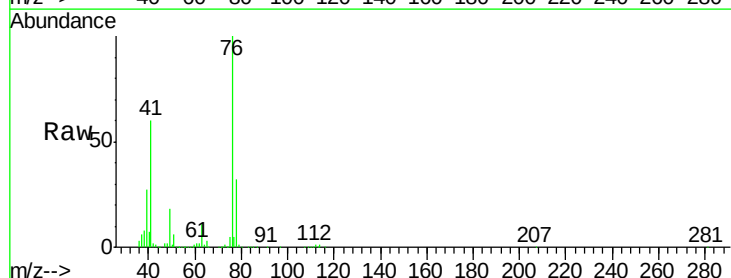
Acq: 08 May 2018 01:26

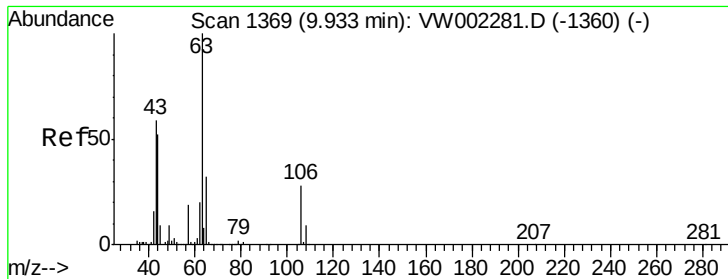
Tgt Ion: 76 Resp: 231200

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5

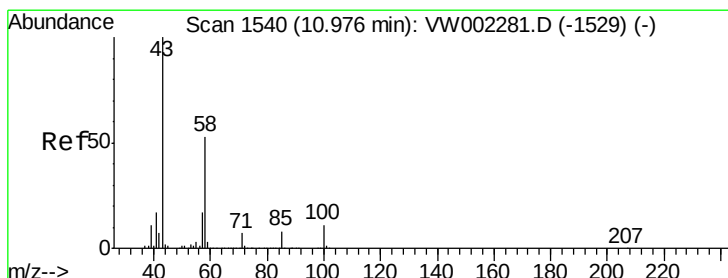
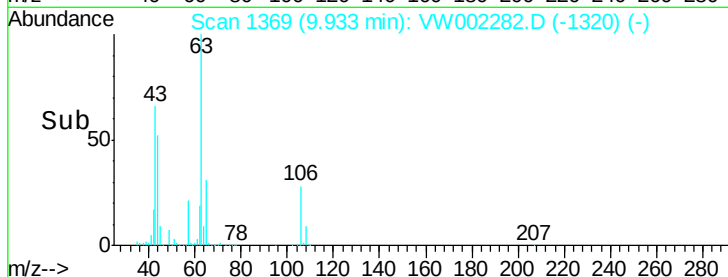
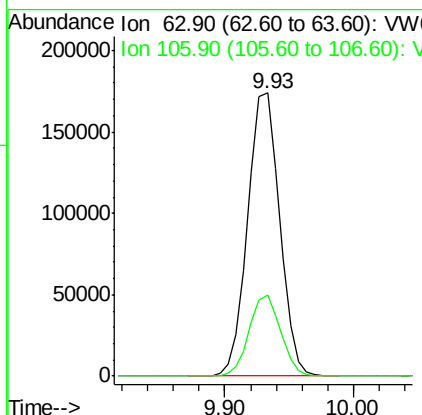
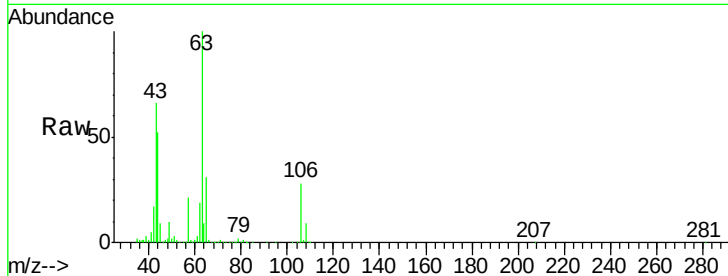




#58
 2-Chloroethyl Vinyl ether
 Concen: 364.20 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

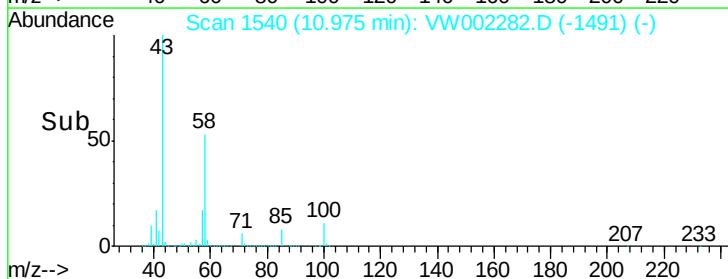
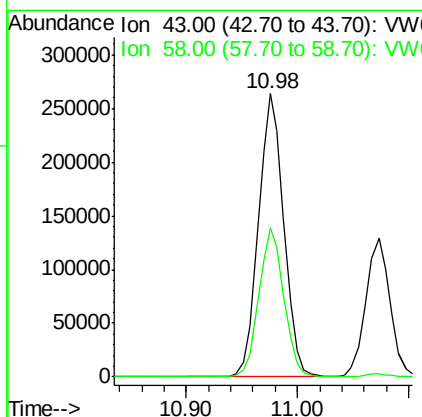
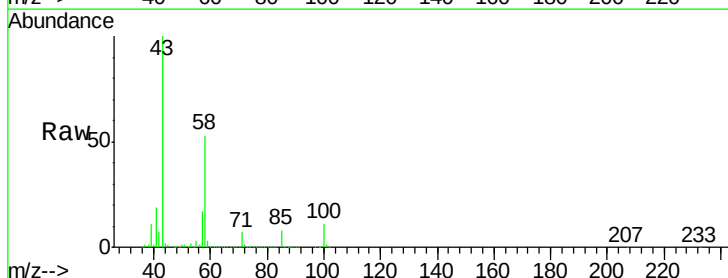
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

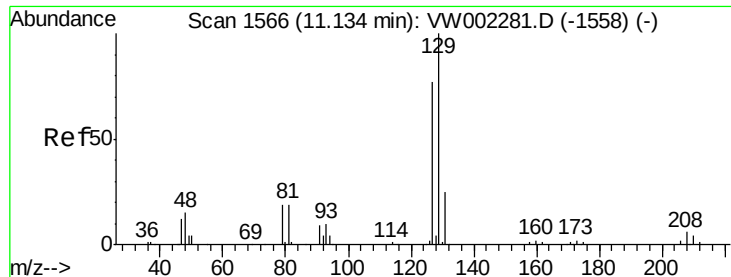
Tgt Ion: 63 Resp: 297379
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.5 33.7



#59
 2-Hexanone
 Concen: 533.02 ug/l
 RT: 10.98 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 43 Resp: 417430
 Ion Ratio Lower Upper
 43 100
 58 51.8 26.0 78.0





#60

Dibromochloromethane

Concen: 67.38 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

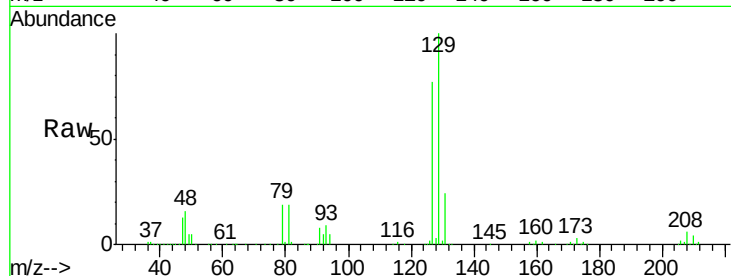
VSTDIC075

Tgt Ion:129 Resp: 164333

Ion Ratio Lower Upper

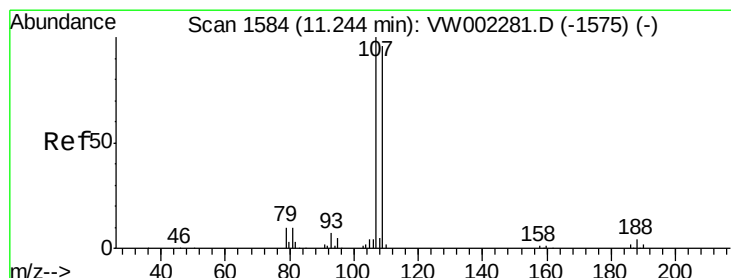
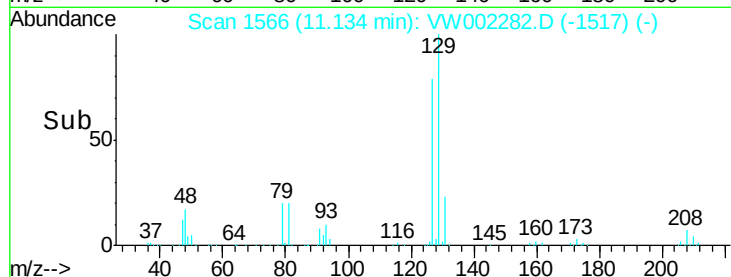
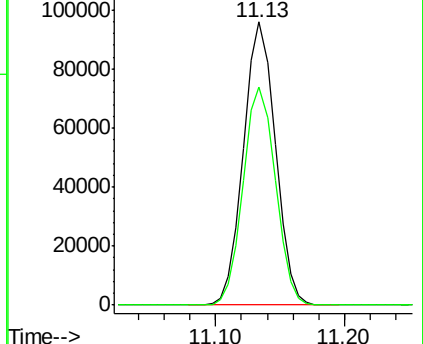
129 100

127 77.9 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 79.34 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW002282.D

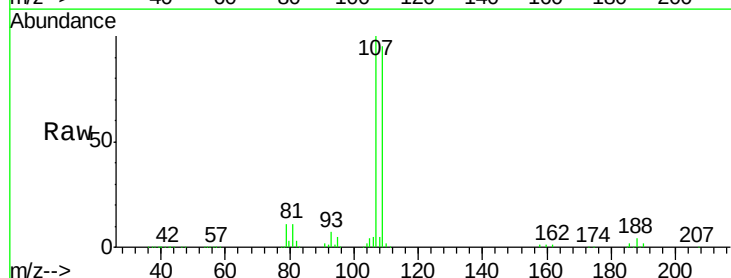
Acq: 08 May 2018 01:26

Tgt Ion:107 Resp: 133357

Ion Ratio Lower Upper

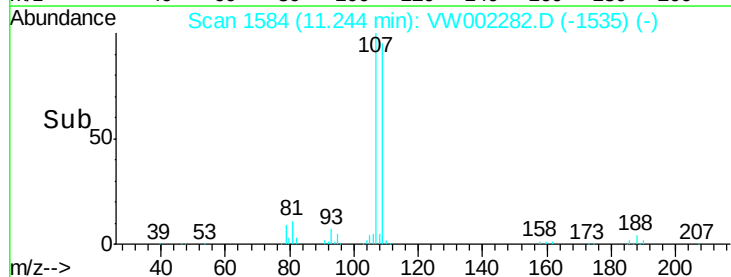
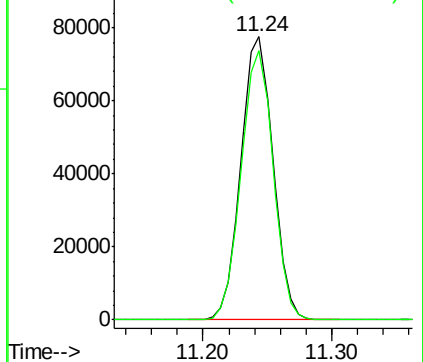
107 100

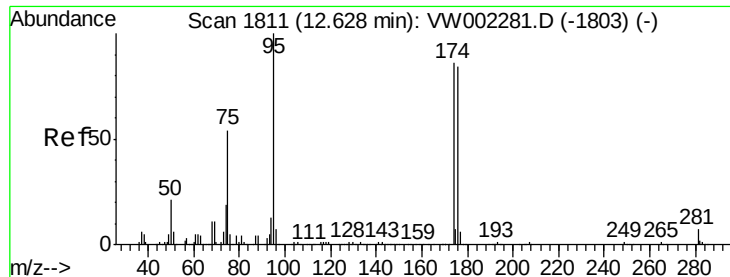
109 94.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 70.57 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

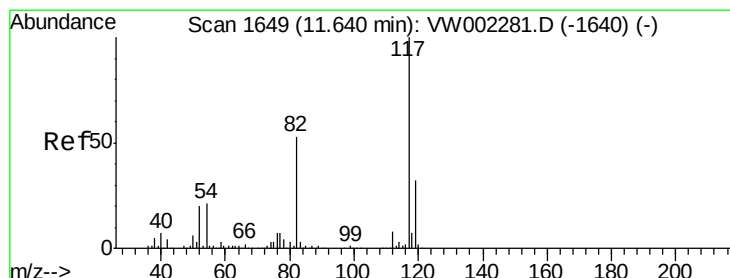
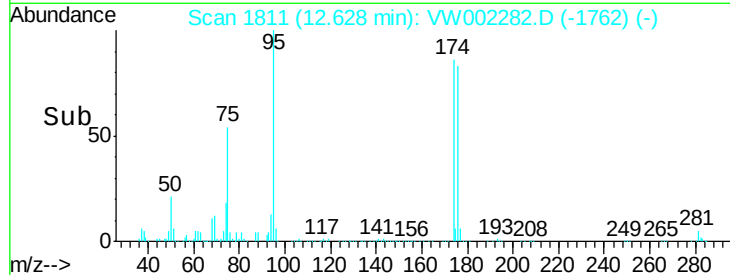
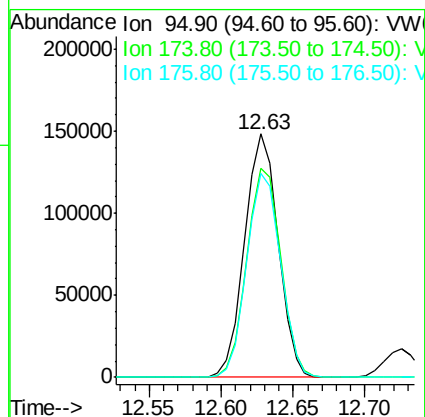
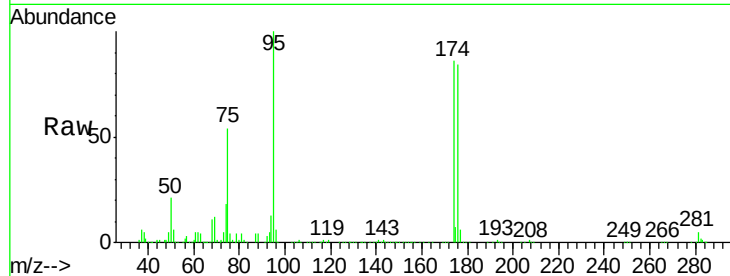
Tgt Ion: 95 Resp: 238672

Ion Ratio Lower Upper

95 100

174 87.6 0.0 176.8

176 84.5 0.0 170.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

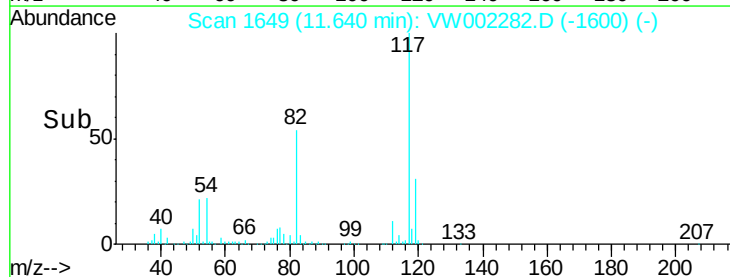
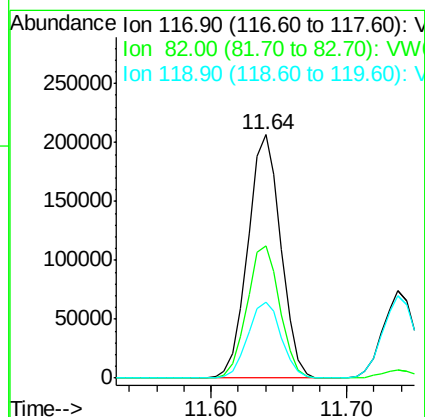
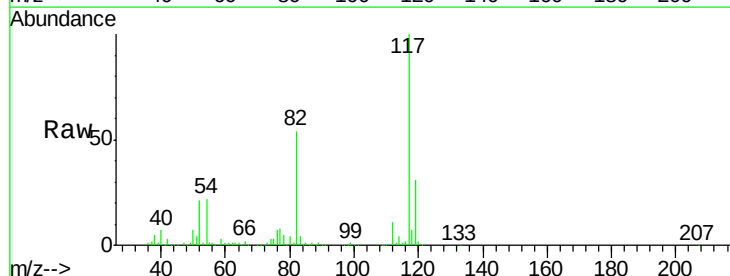
Tgt Ion: 117 Resp: 349662

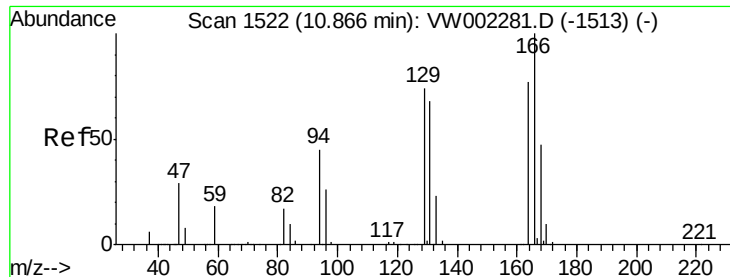
Ion Ratio Lower Upper

117 100

82 54.1 42.6 63.8

119 31.4 25.2 37.8





#64

Tetrachloroethene

Concen: 62.93 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion:164 Resp: 187466

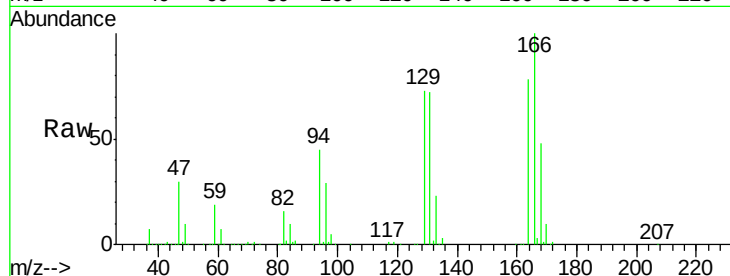
Ion Ratio Lower Upper

164 100

166 128.4 103.3 154.9

129 93.4 76.6 114.8

131 92.2 70.7 106.1

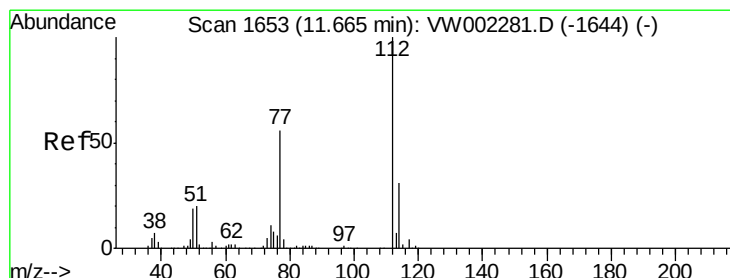
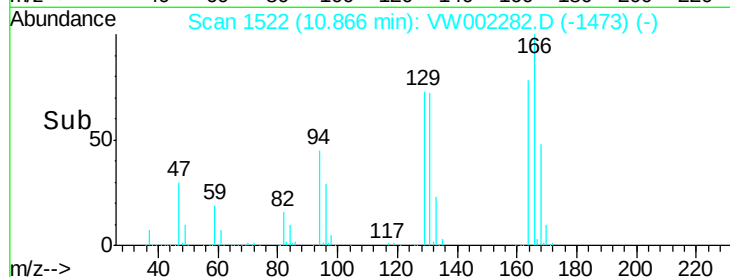
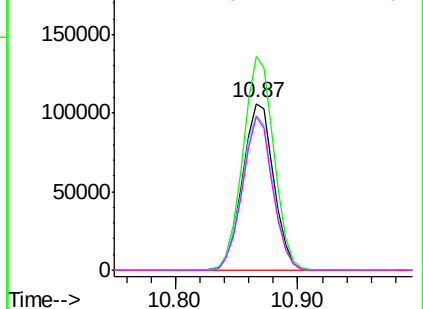


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 67.43 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002282.D

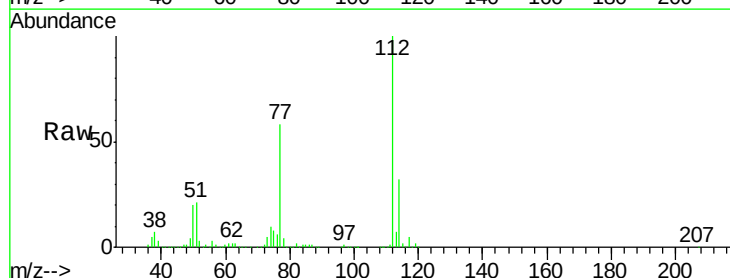
Acq: 08 May 2018 01:26

Tgt Ion:112 Resp: 500848

Ion Ratio Lower Upper

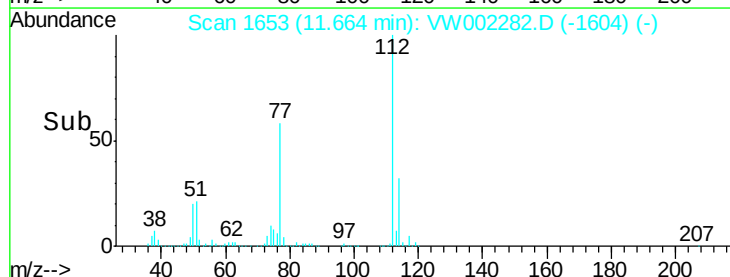
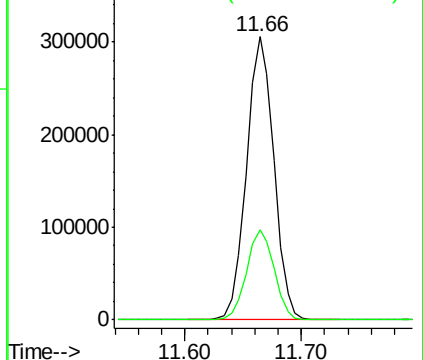
112 100

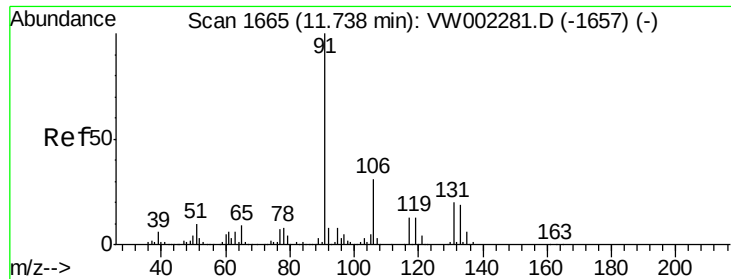
114 32.0 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

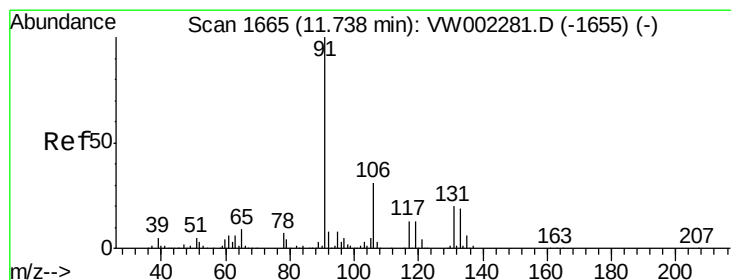
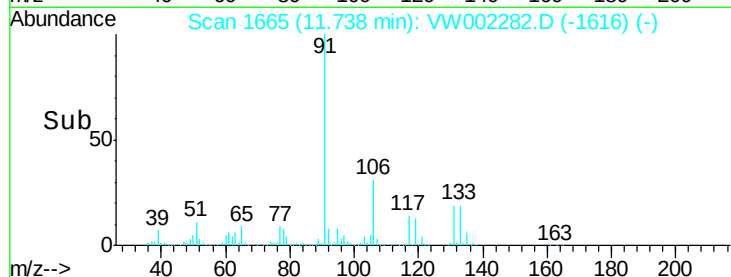
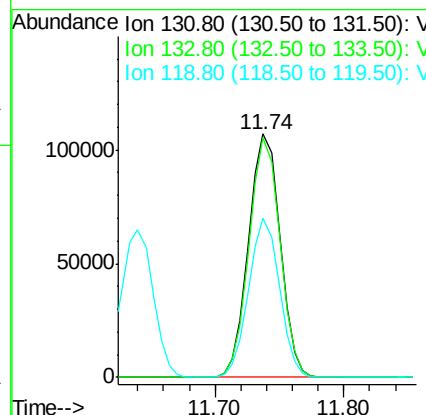
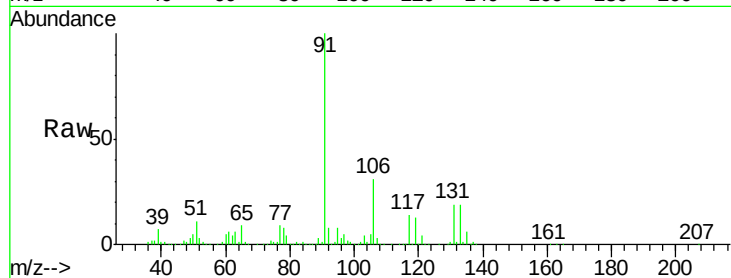




#66
 1,1,1,2-Tetrachloroethane
 Concen: 64.51 ug/l
 RT: 11.74 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

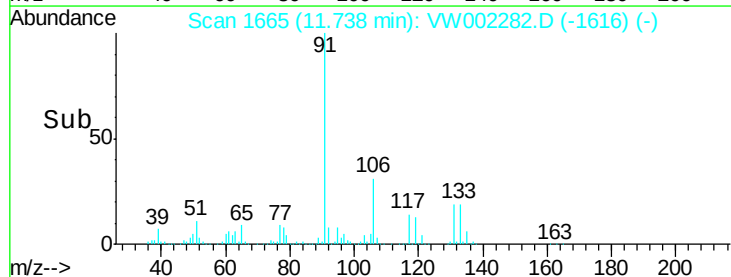
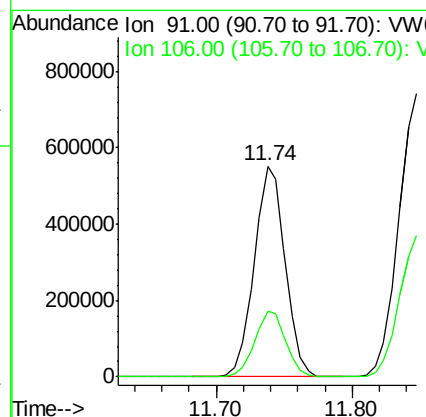
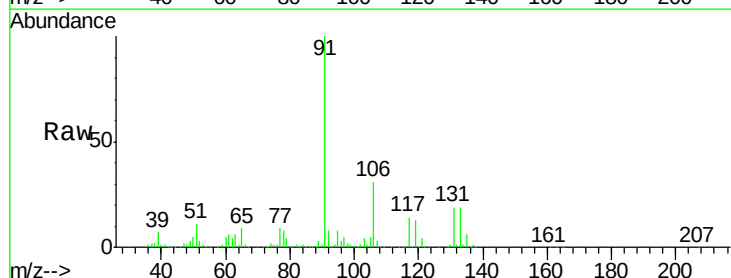
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

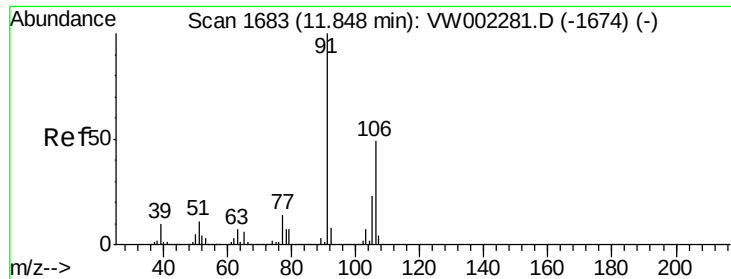
Tgt Ion:131 Resp: 181616
 Ion Ratio Lower Upper
 131 100
 133 96.4 47.8 143.3
 119 64.0 32.0 96.0



#67
 Ethyl Benzene
 Concen: 72.36 ug/l
 RT: 11.74 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 91 Resp: 877522
 Ion Ratio Lower Upper
 91 100
 106 31.2 24.9 37.3

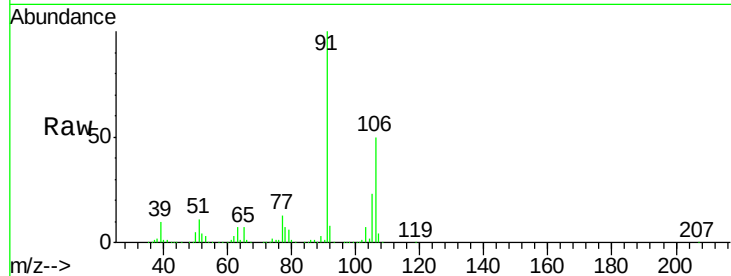




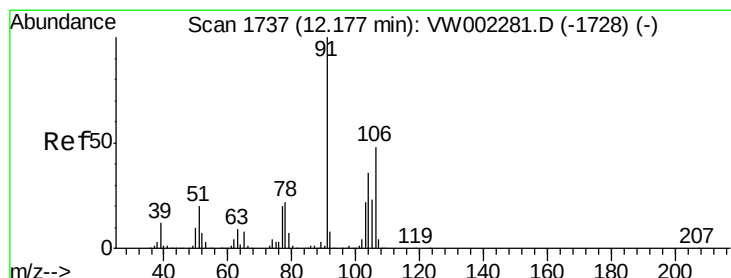
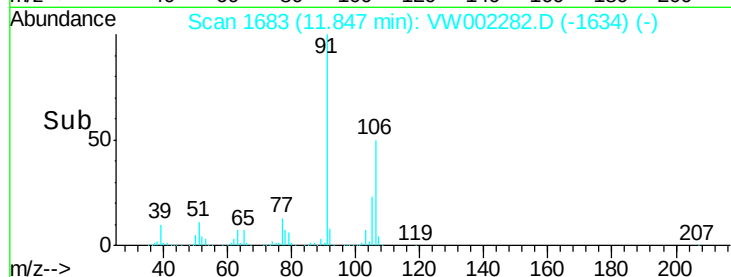
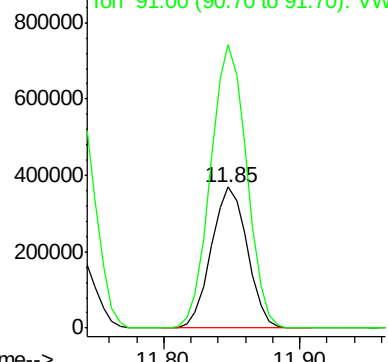
#68
m/p-Xylenes
Concen: 140.07 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion:106 Resp: 683682
Ion Ratio Lower Upper
106 100
91 201.1 161.4 242.0

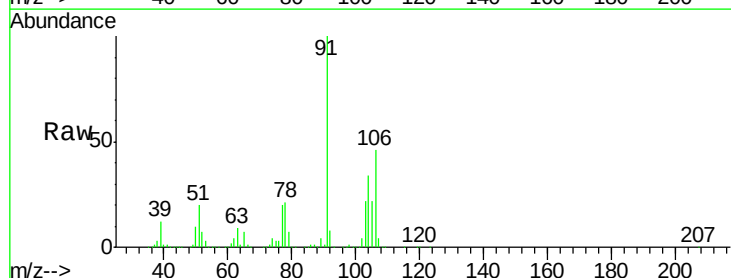


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

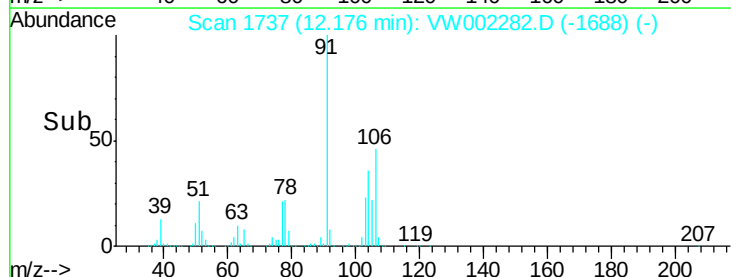
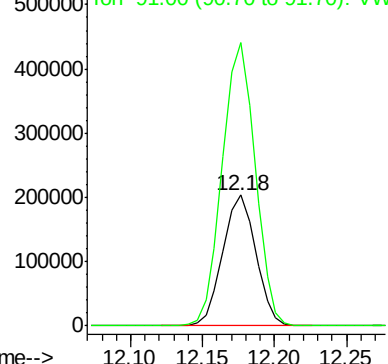


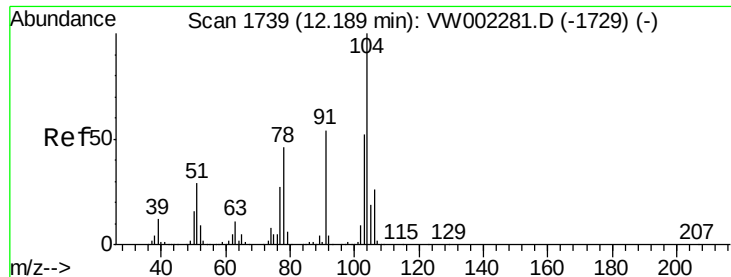
#69
o-Xylene
Concen: 73.95 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion:106 Resp: 324931
Ion Ratio Lower Upper
106 100
91 215.1 107.1 321.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#70

Styrene

Concen: 74.84 ug/l

RT: 12.19 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

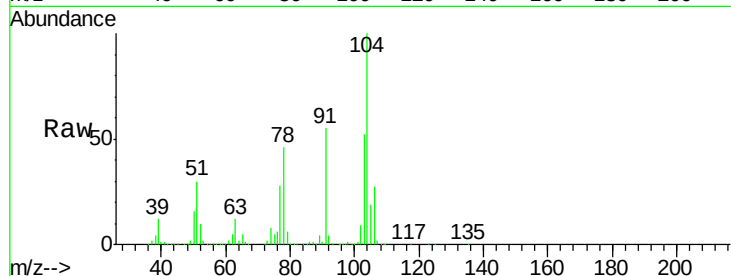
Tgt Ion:104 Resp: 547556

Ion Ratio Lower Upper

104 100

78 50.4 39.6 59.4

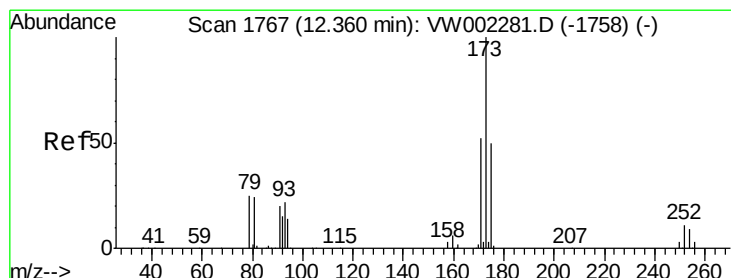
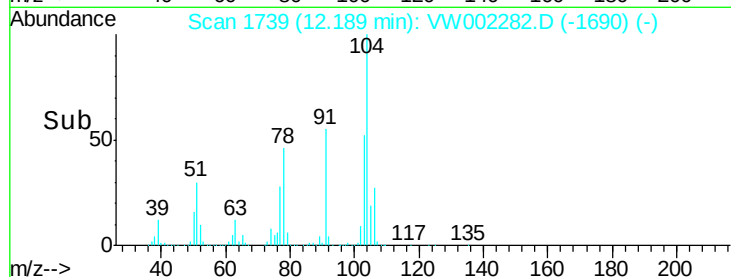
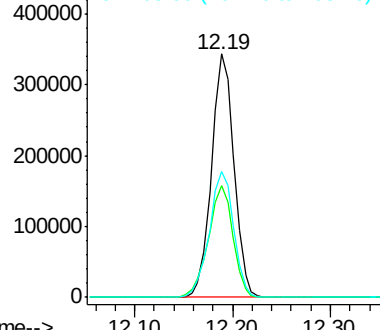
103 56.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 67.34 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

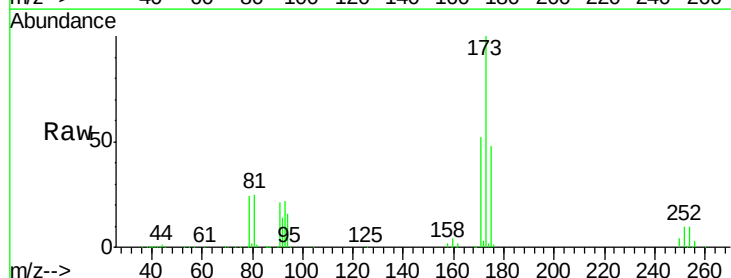
Tgt Ion:173 Resp: 104353

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

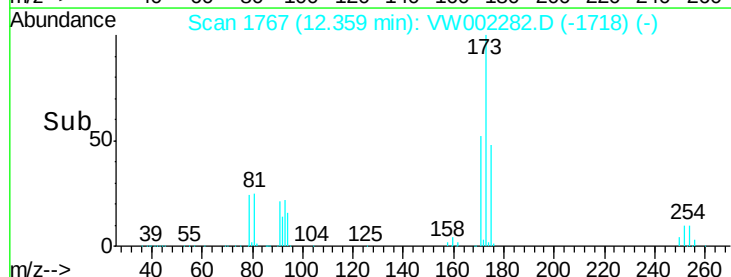
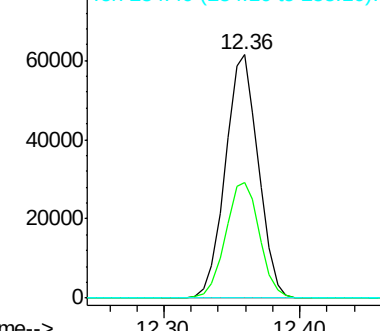
254 0.2 0.1 0.1#

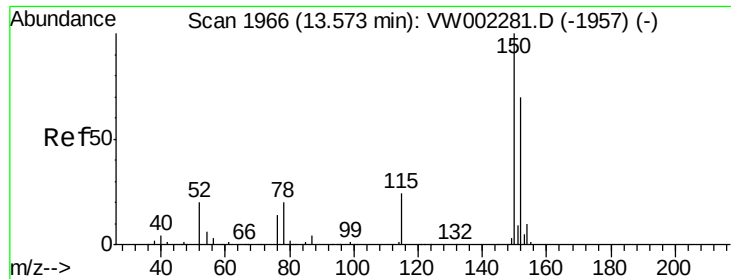


Abundance Ion 172.70 (172.40 to 173.40): V

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: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

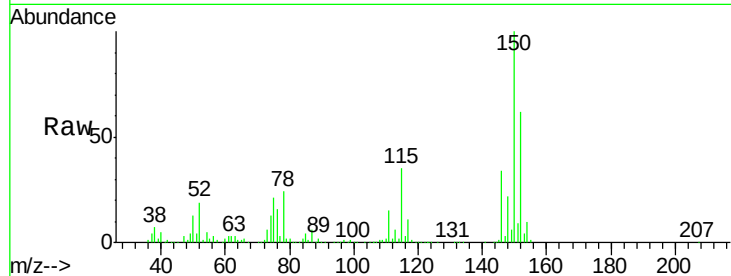
Tgt Ion:152 Resp: 188475

Ion Ratio Lower Upper

152 100

115 57.4 28.5 85.5

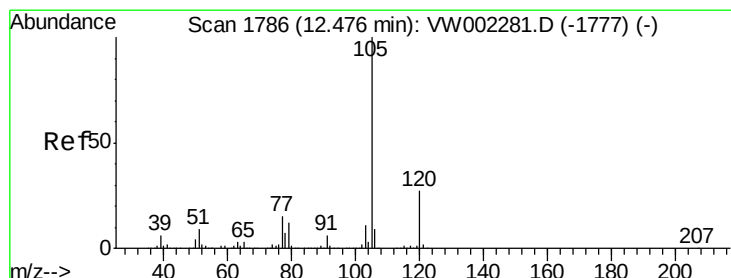
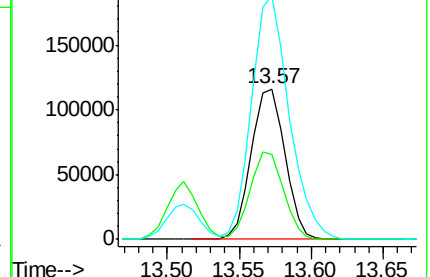
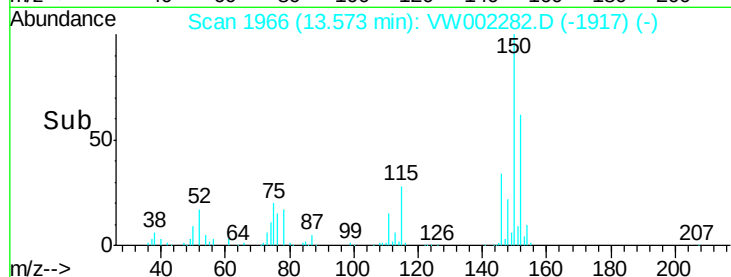
150 180.0 0.0 342.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 76.30 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002282.D

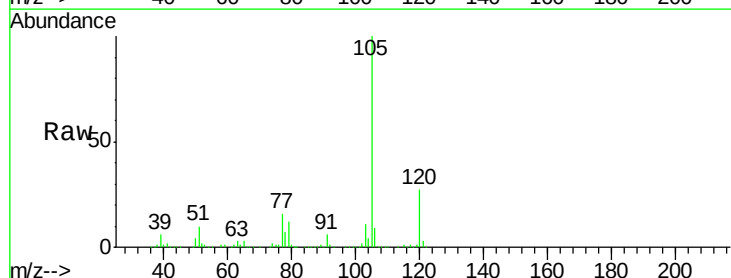
Acq: 08 May 2018 01:26

Tgt Ion:105 Resp: 889524

Ion Ratio Lower Upper

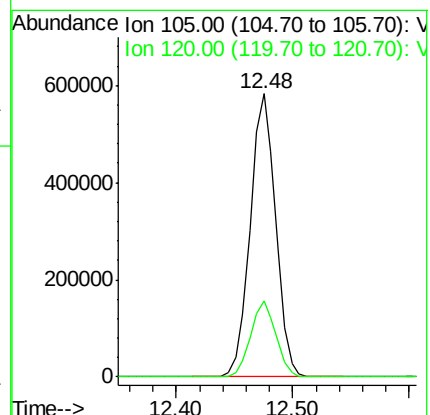
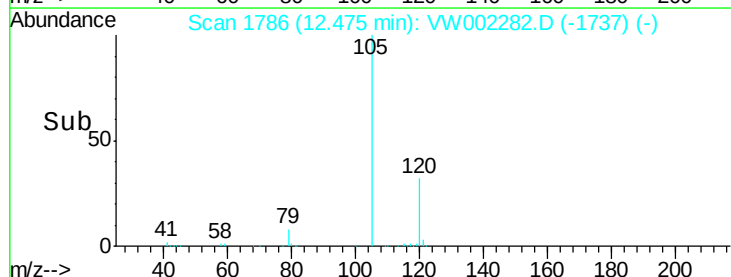
105 100

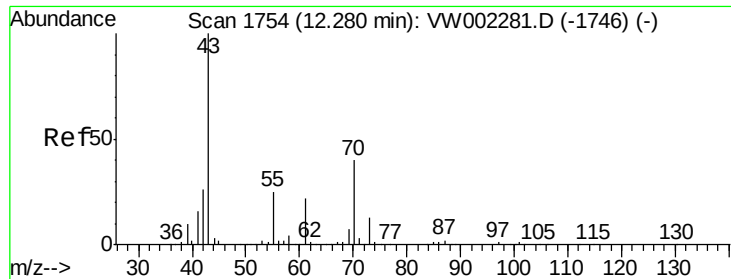
120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 118.51 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 223861

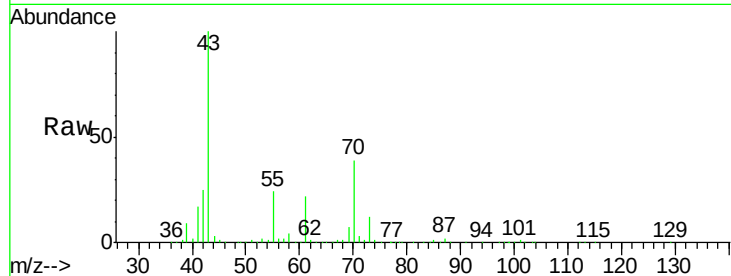
Ion Ratio Lower Upper

43 100

70 40.1 31.9 47.9

55 24.1 19.9 29.9

61 23.1 18.2 27.2

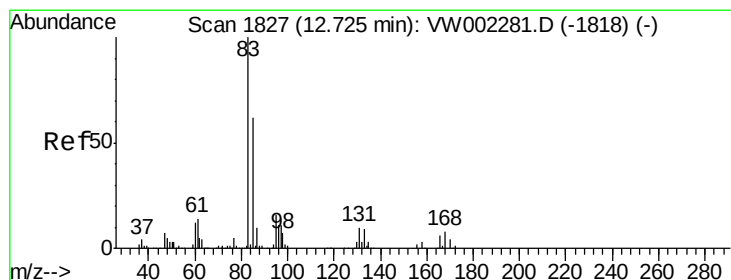
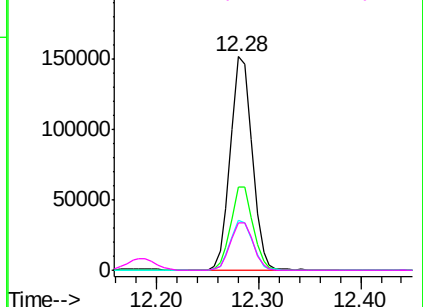
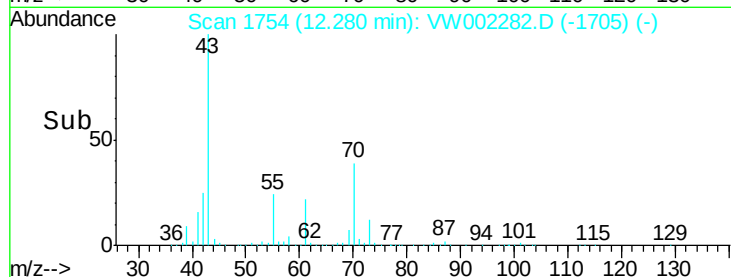


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 91.89 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

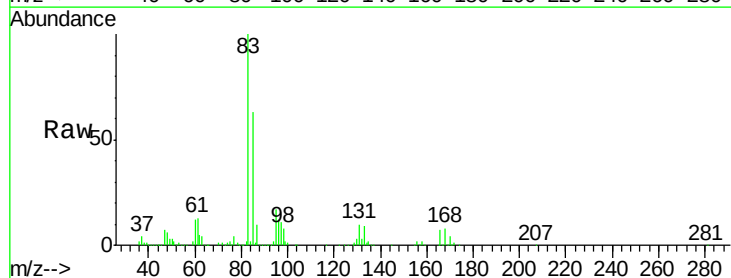
Tgt Ion: 83 Resp: 163129

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

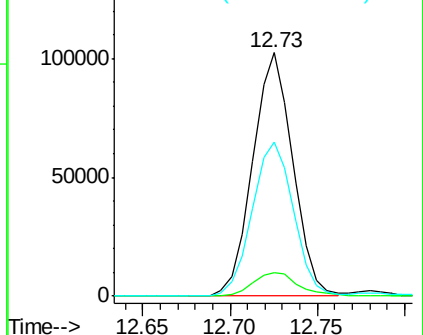
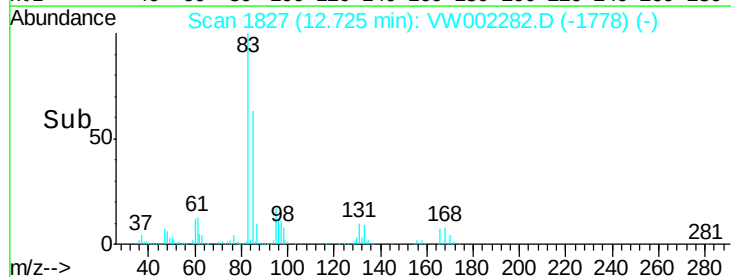
85 65.0 31.5 94.5

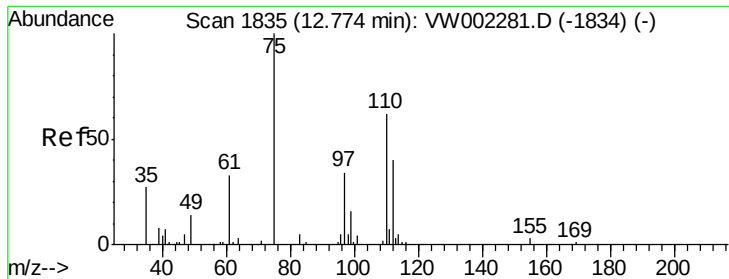


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

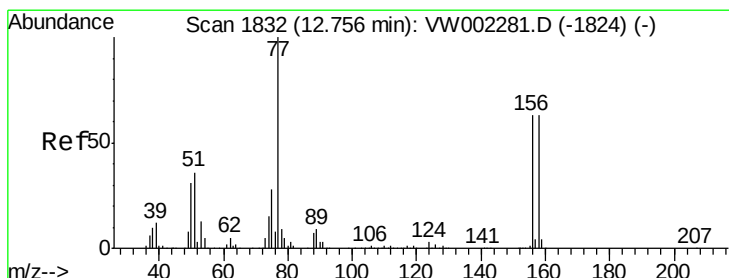
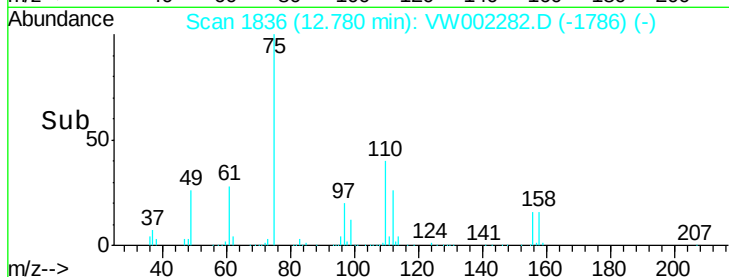
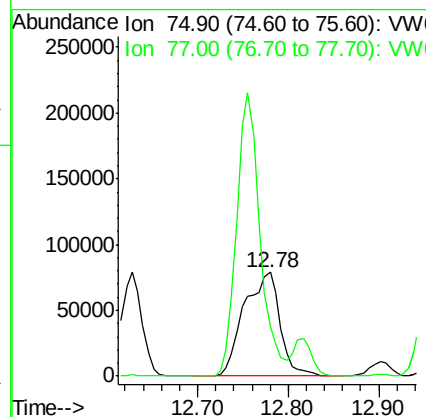
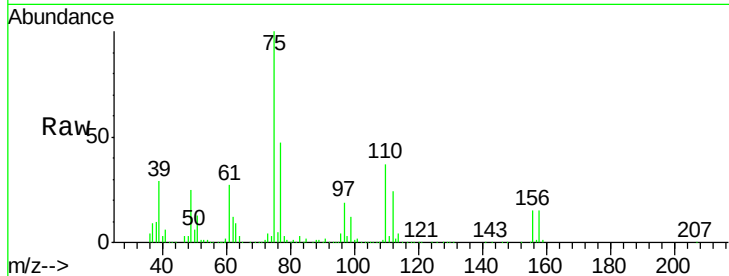




#76
 1,2,3-Trichloropropane
 Concen: 170.03 ug/l
 RT: 12.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

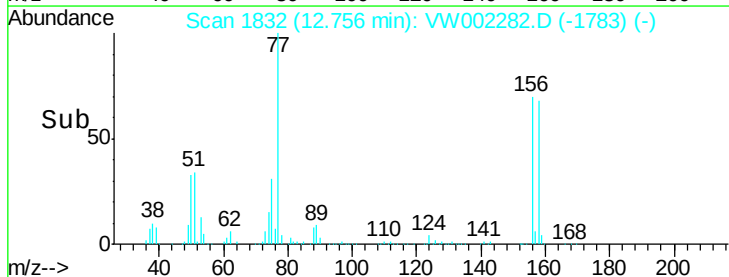
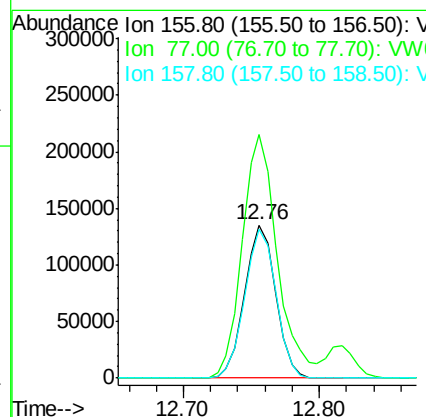
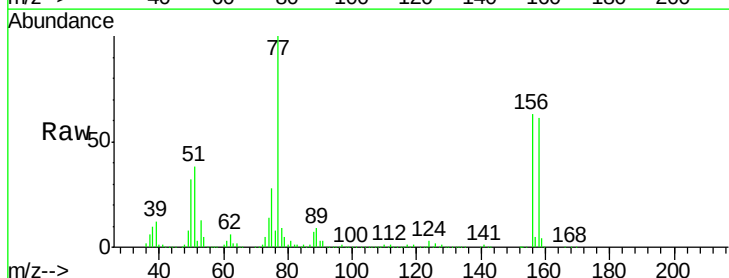
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC075

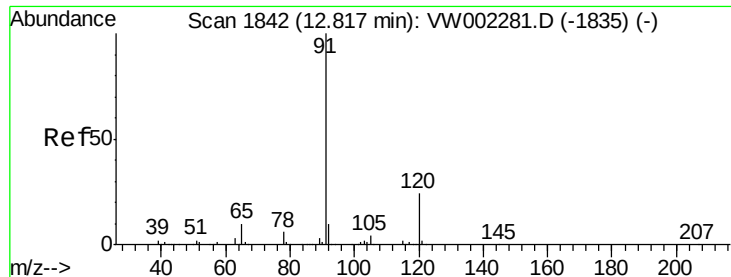
Tgt Ion: 75 Resp: 216917
 Ion Ratio Lower Upper
 75 100
 77 0.0 187.5 562.6#



#77
 Bromobenzene
 Concen: 71.11 ug/l
 RT: 12.76 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 156 Resp: 216856
 Ion Ratio Lower Upper
 156 100
 77 178.9 87.7 263.1
 158 98.0 48.6 145.8

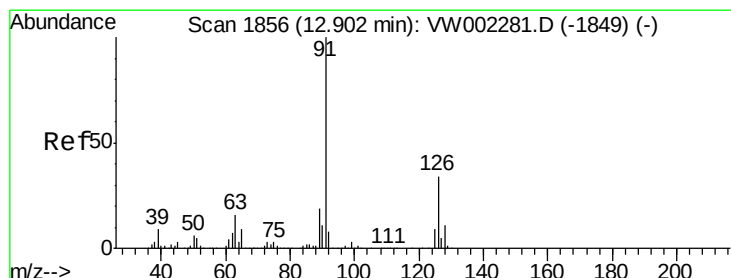
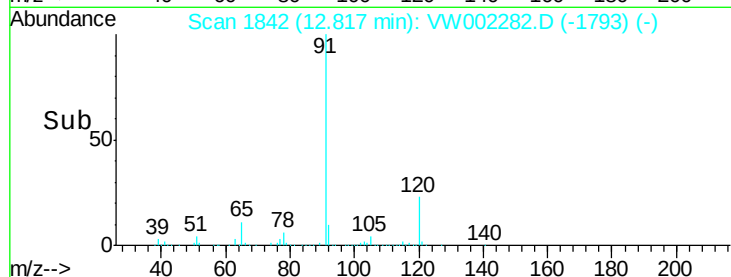
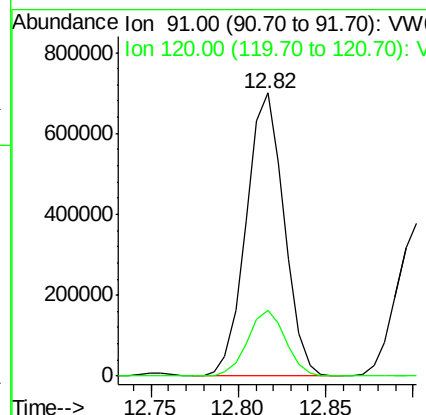
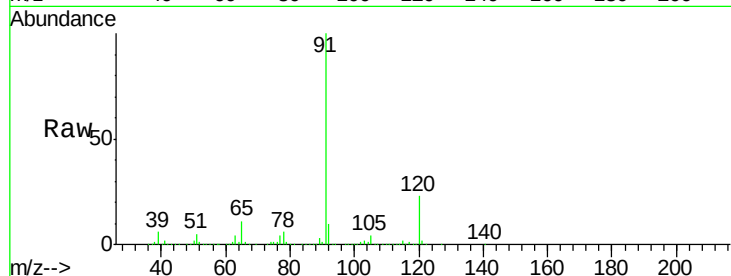




#78
n-propylbenzene
Concen: 77.58 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

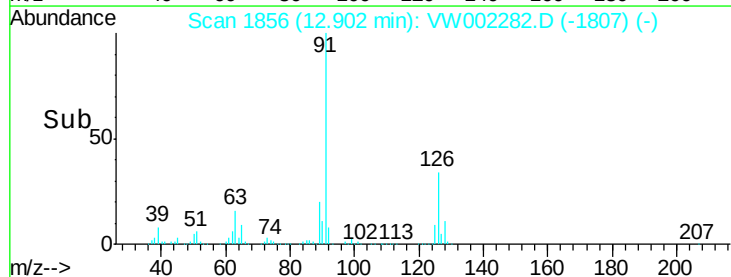
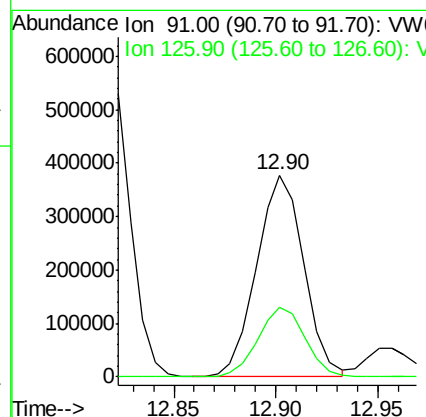
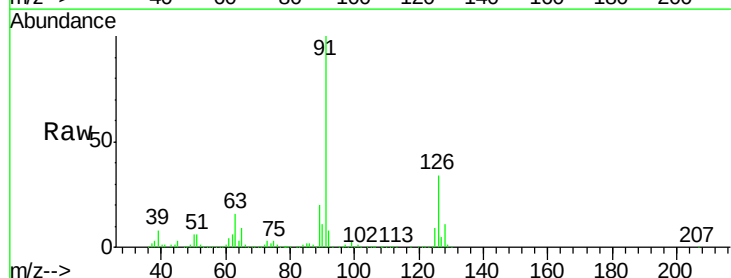
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

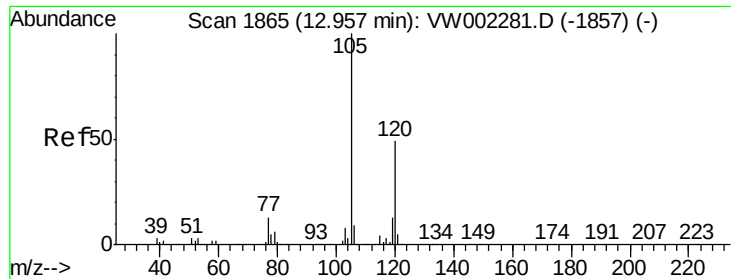
Tgt Ion: 91 Resp: 1057329
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5



#79
2-Chlorotoluene
Concen: 75.89 ug/l
RT: 12.90 min Scan# 1856
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion: 91 Resp: 607299
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

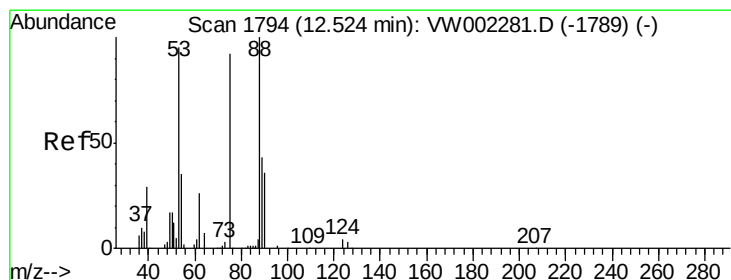
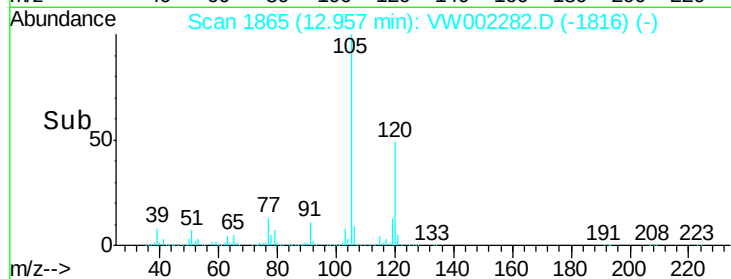
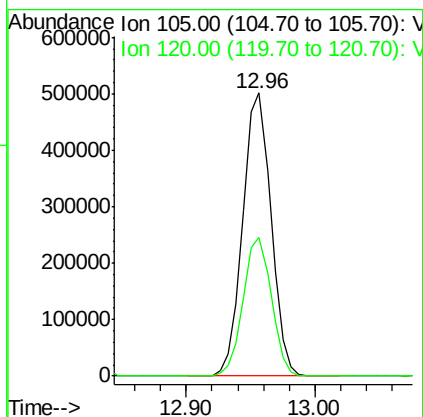
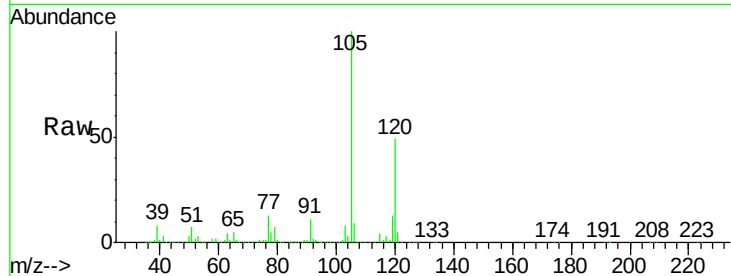




#80
 1,3,5-Trimethylbenzene
 Concen: 74.45 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

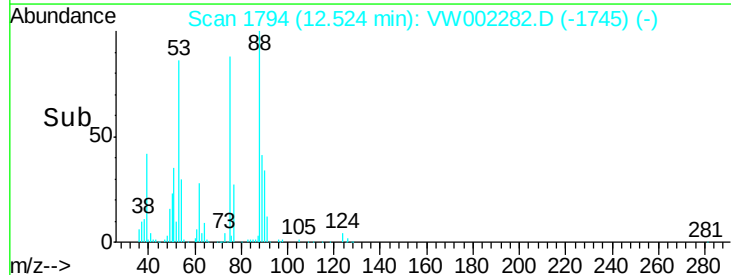
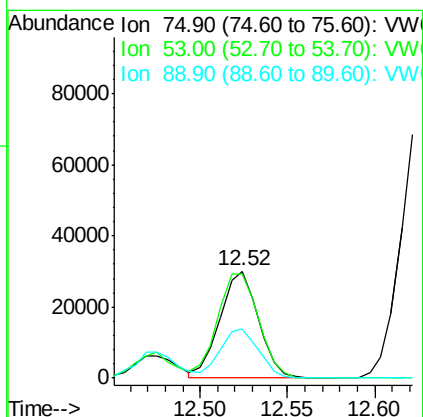
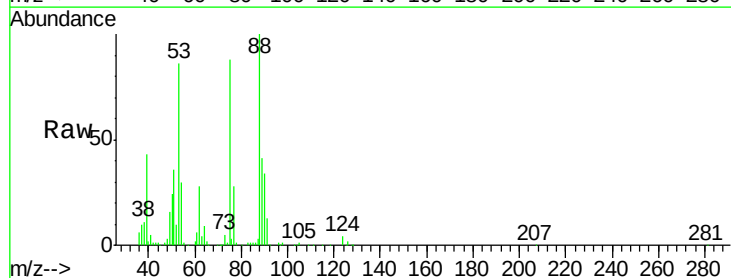
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

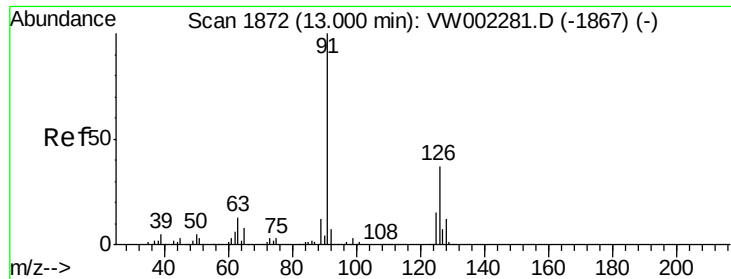
Tgt Ion: 105 Resp: 757614
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.41 ug/l
 RT: 12.52 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 75 Resp: 45768
 Ion Ratio Lower Upper
 75 100
 53 104.3 79.9 119.9
 89 46.2 37.6 56.4

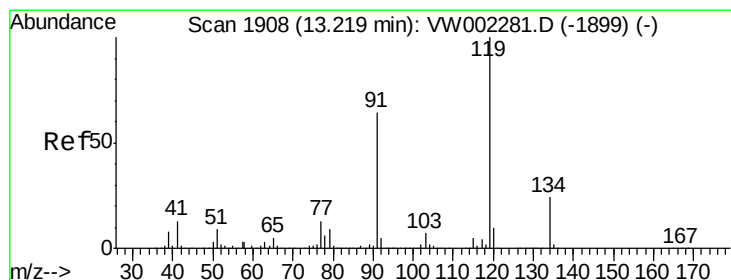
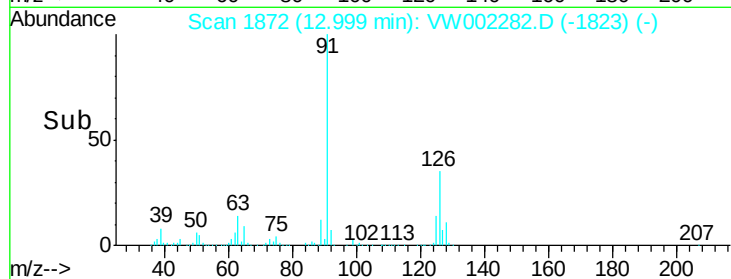
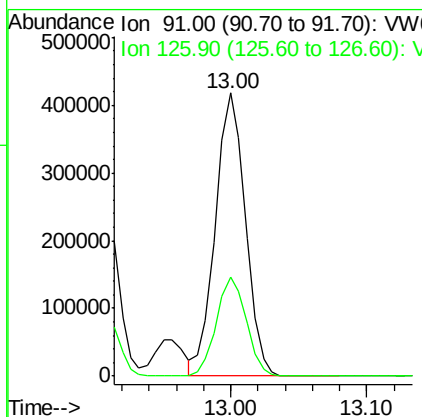
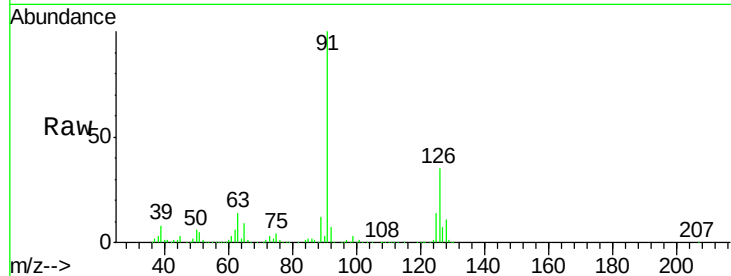




#82
4-Chlorotoluene
Concen: 71.03 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

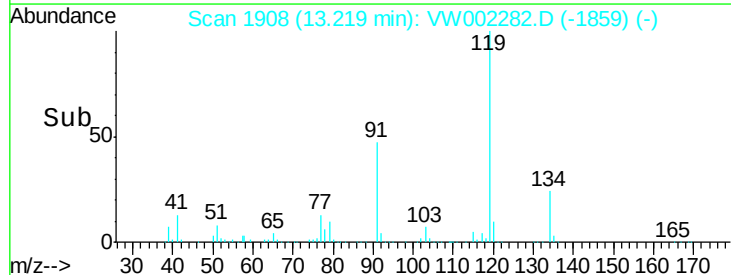
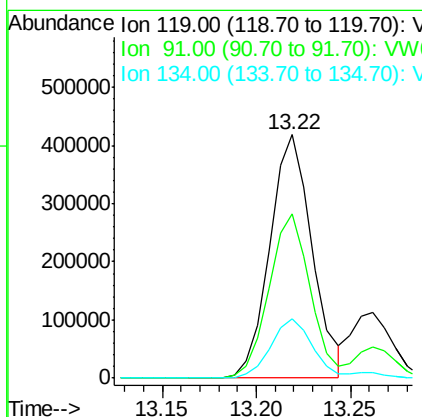
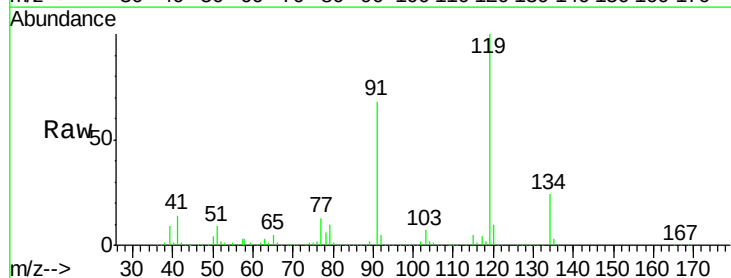
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

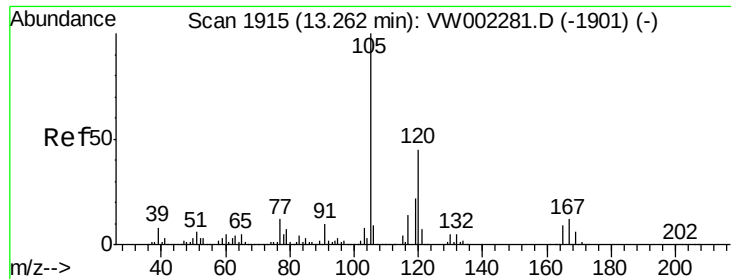
Tgt Ion: 91 Resp: 641316
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#83
tert-Butylbenzene
Concen: 73.08 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion: 119 Resp: 652806
Ion Ratio Lower Upper
119 100
91 65.5 31.6 94.8
134 24.3 13.1 39.3

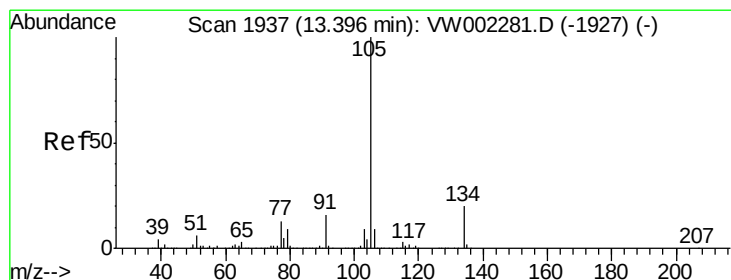
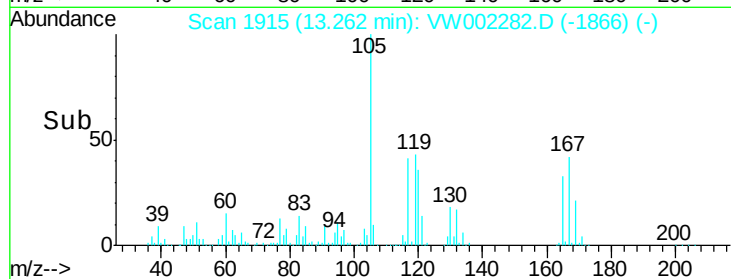
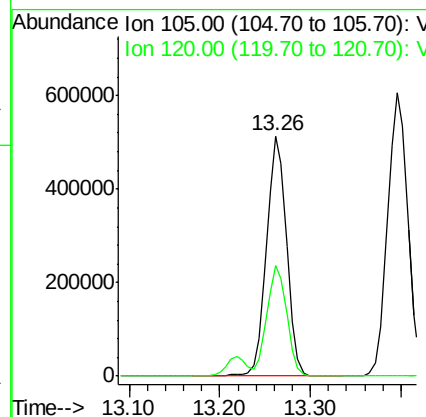
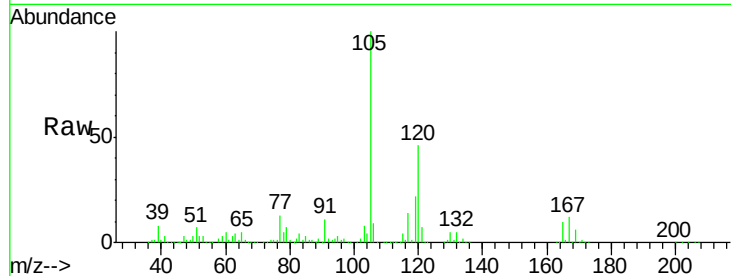




#84
 1,2,4-Trimethylbenzene
 Concen: 74.86 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

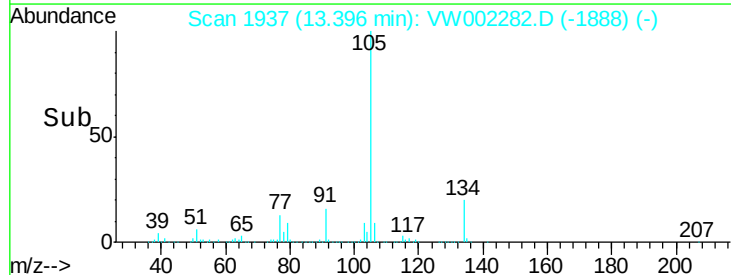
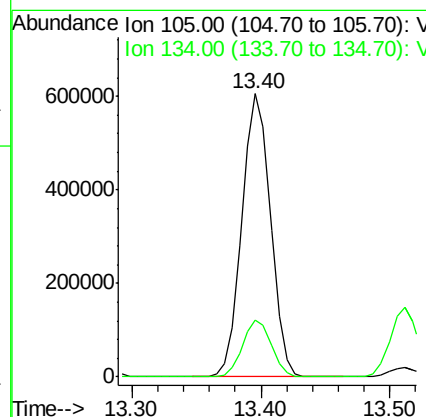
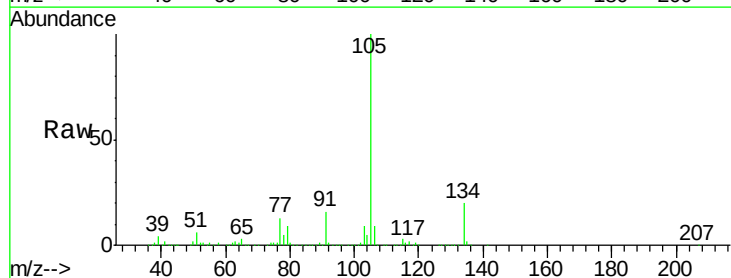
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

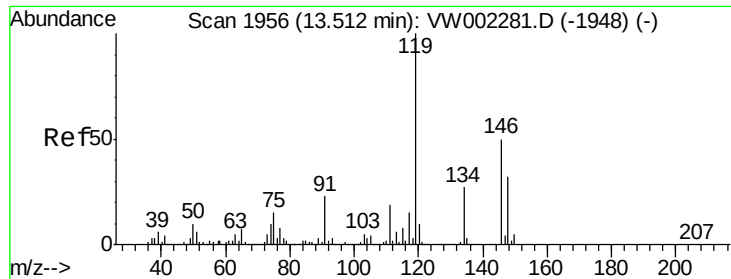
Tgt Ion:105 Resp: 783092
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 75.14 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion:105 Resp: 930760
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

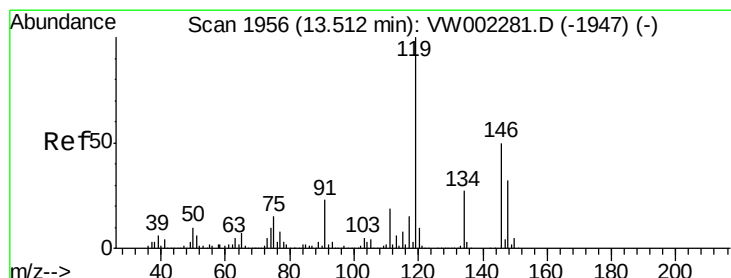
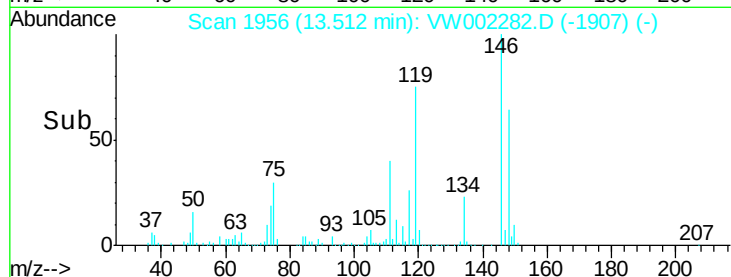
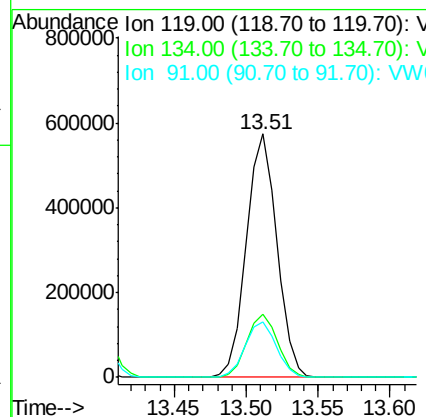
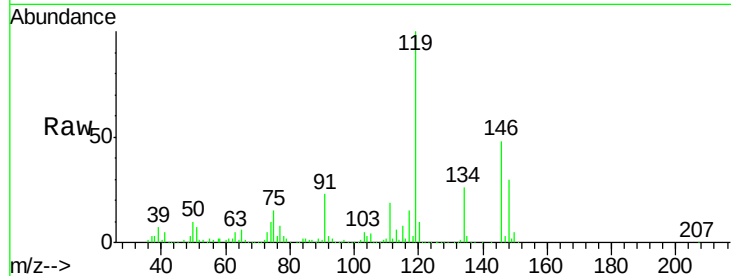




#86
p-Isopropyltoluene
Concen: 73.74 ug/l
RT: 13.51 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

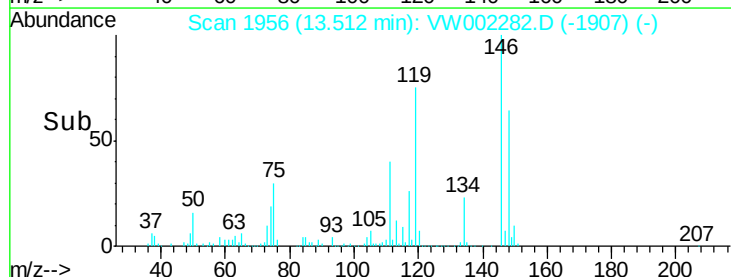
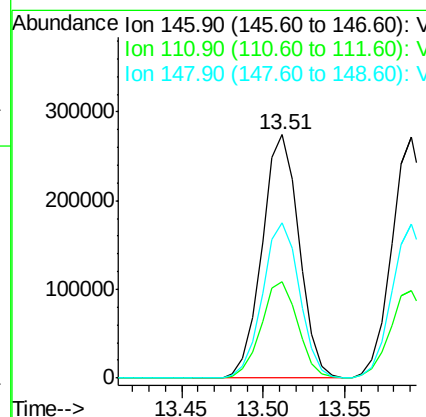
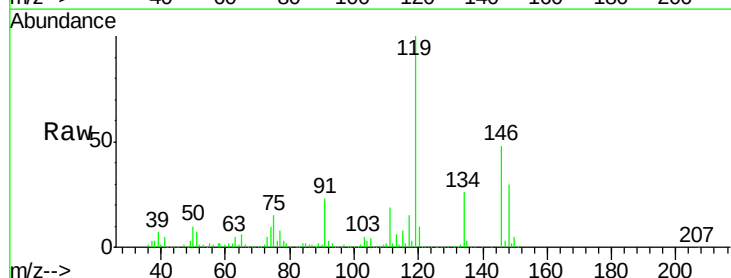
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

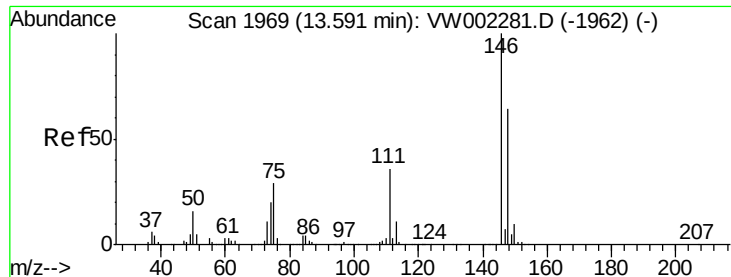
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.9
91	23.4	11.8	35.3



#87
1,3-Dichlorobenzene
Concen: 69.35 ug/l
RT: 13.51 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW002282.D
Acq: 08 May 2018 01:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.8
148	63.8	31.6	95.0

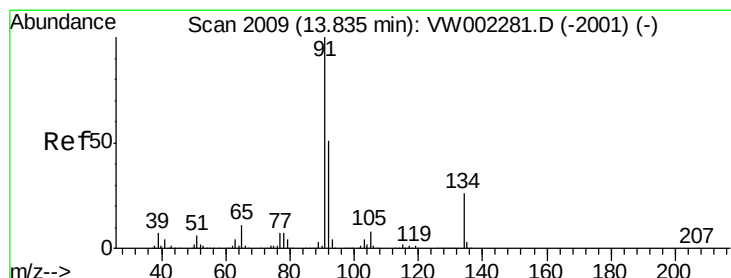
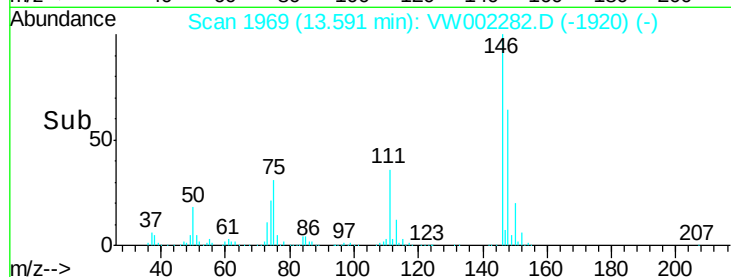
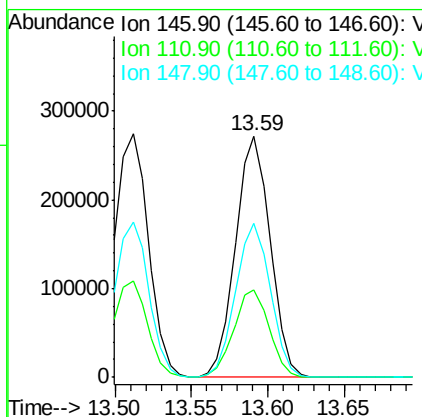
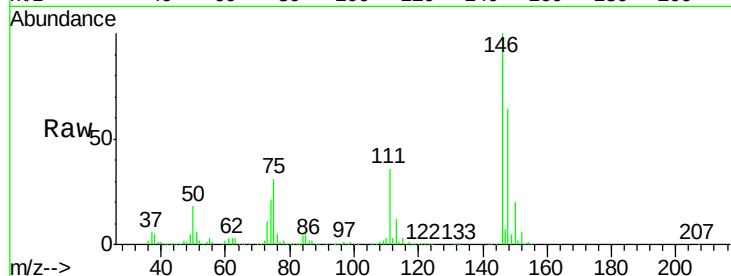




#88
 1,4-Dichlorobenzene
 Concen: 68.75 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

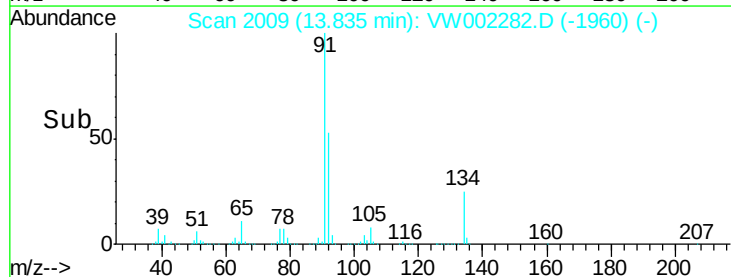
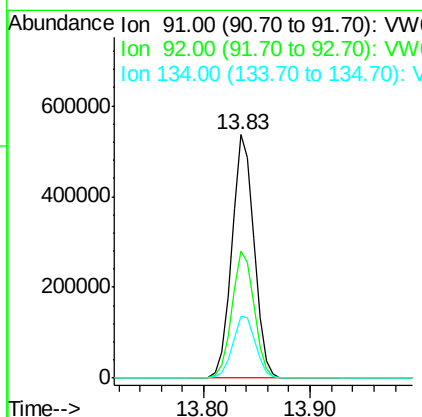
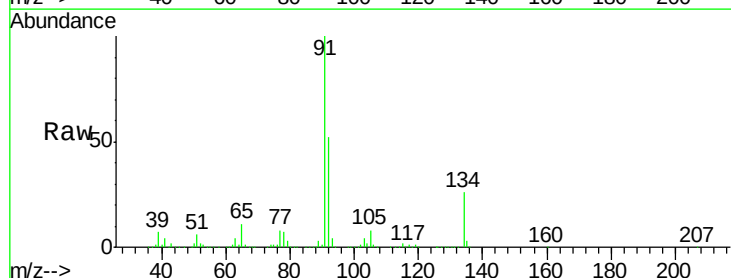
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

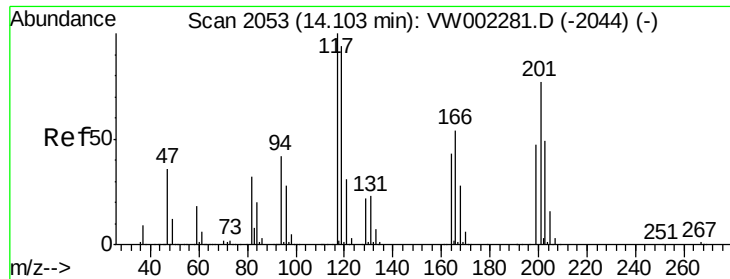
Tgt Ion:146 Resp: 428619
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.0 57.0
 148 64.2 32.3 96.9



#89
 n-Butylbenzene
 Concen: 76.48 ug/l
 RT: 13.83 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 91 Resp: 779999
 Ion Ratio Lower Upper
 91 100
 92 52.4 25.9 77.8
 134 26.2 13.1 39.1





#90

Hexachloroethane

Concen: 67.10 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

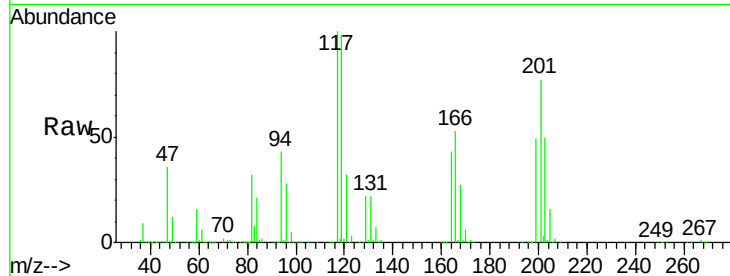
VSTDIC075

Tgt Ion:117 Resp: 148329

Ion Ratio Lower Upper

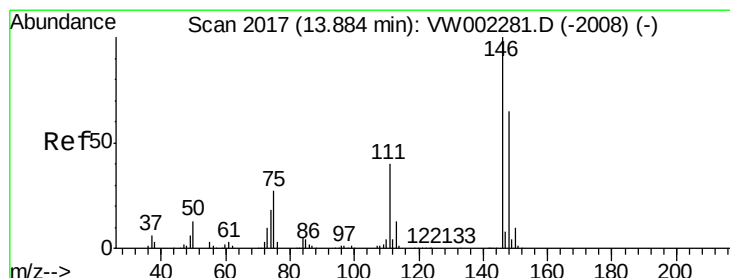
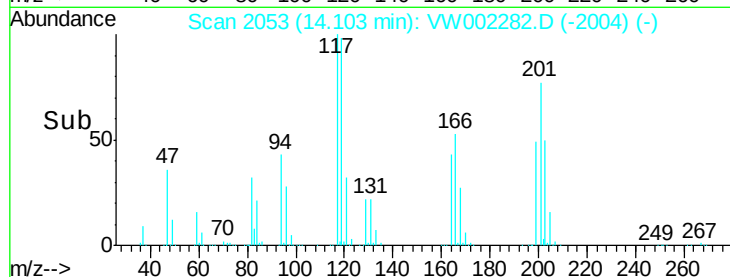
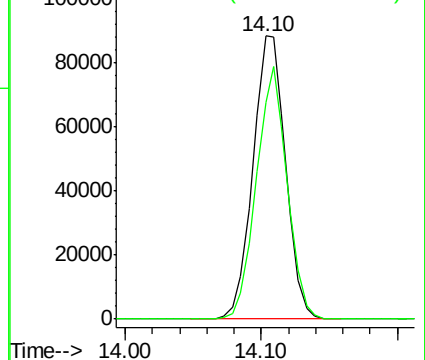
117 100

201 84.2 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 71.12 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

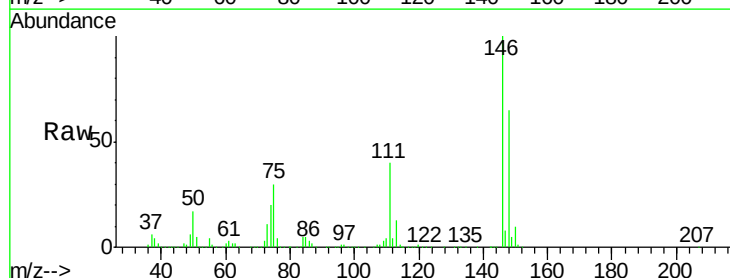
Tgt Ion:146 Resp: 388254

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

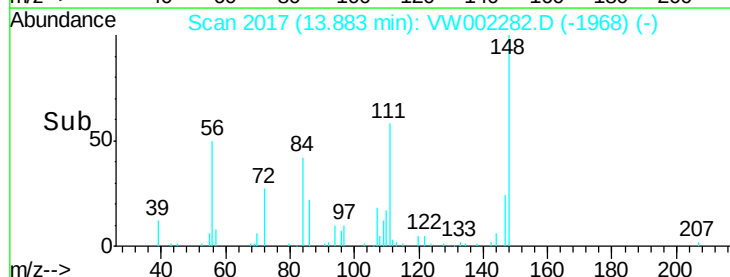
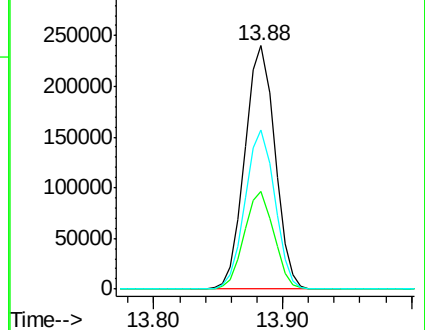
148 64.5 32.5 97.5

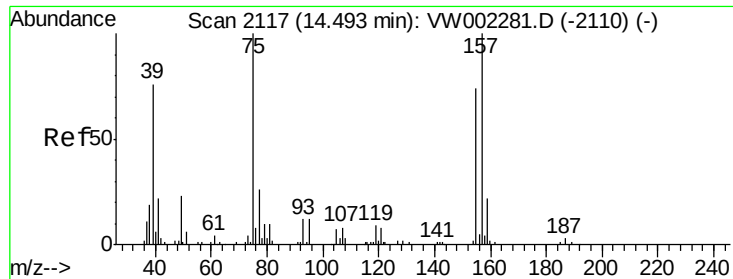


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

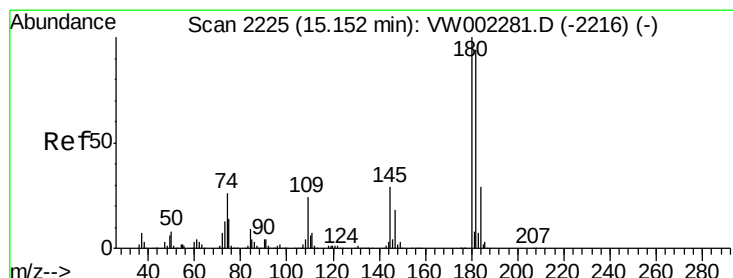
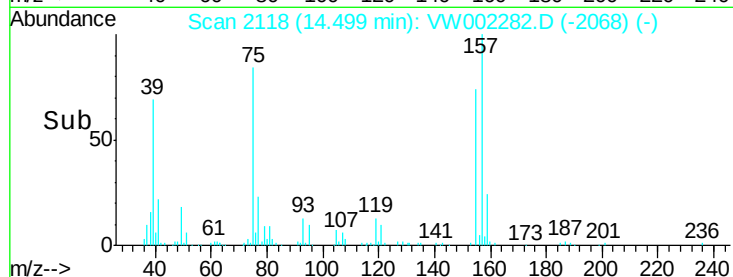
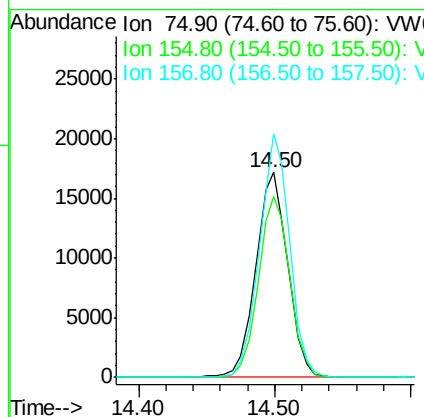
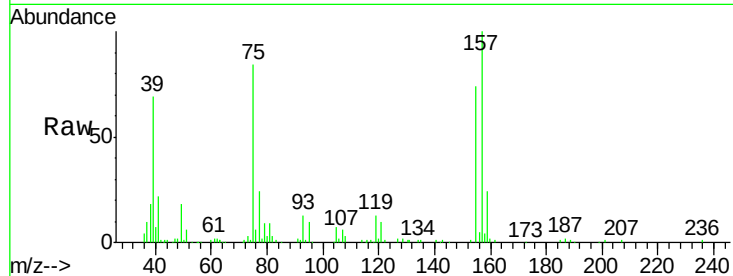




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 84.76 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

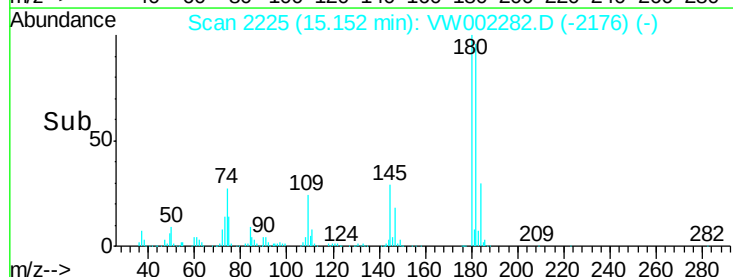
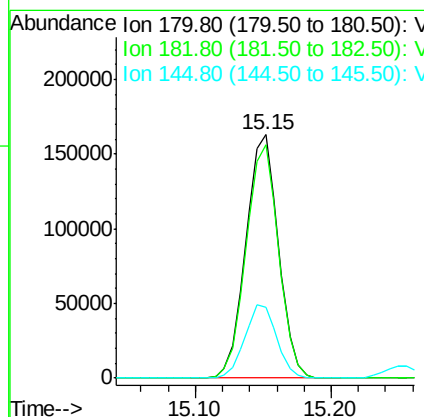
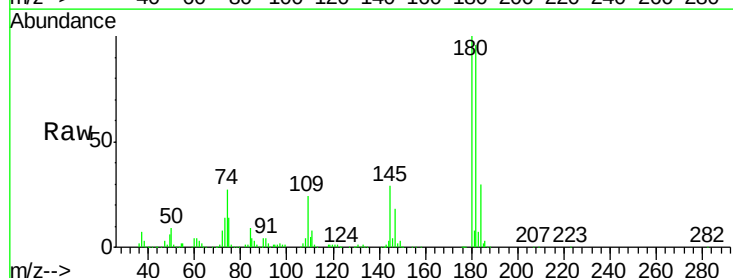
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

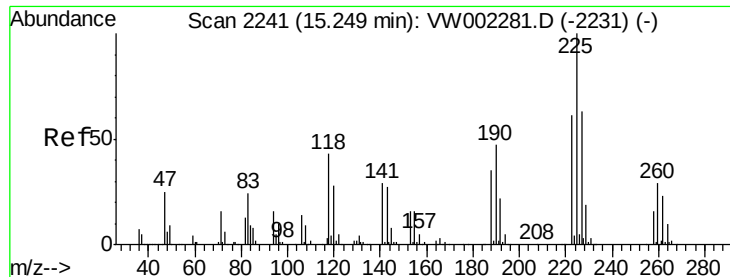
Tgt Ion: 75 Resp: 28190
 Ion Ratio Lower Upper
 75 100
 155 86.4 43.3 129.8
 157 112.0 55.8 167.4



#93
 1,2,4-Trichlorobenzene
 Concen: 68.34 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Tgt Ion: 180 Resp: 272713
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 141.8
 145 29.6 14.5 43.6





#94

Hexachlorobutadiene

Concen: 54.59 ug/l

RT: 15.26 min Scan# 2242

Delta R.T. 0.01 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

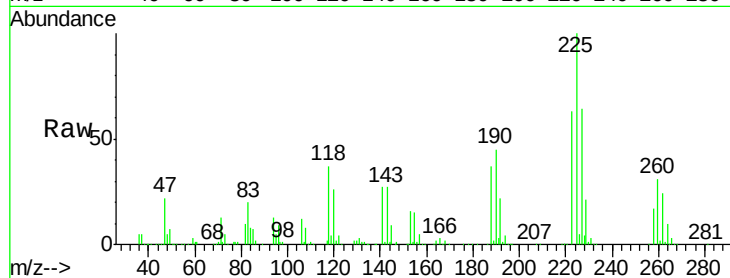
Tgt Ion:225 Resp: 151827

Ion Ratio Lower Upper

225 100

223 63.3 30.9 92.7

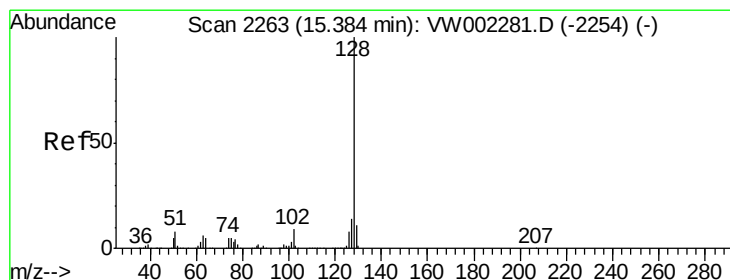
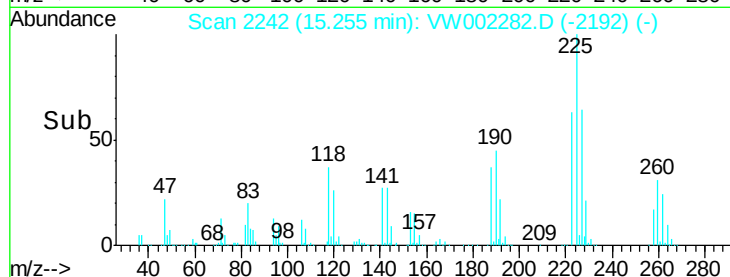
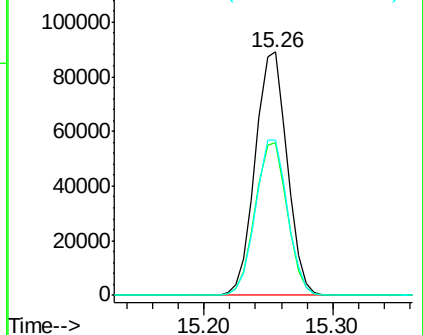
227 64.1 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 87.68 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002282.D

Acq: 08 May 2018 01:26

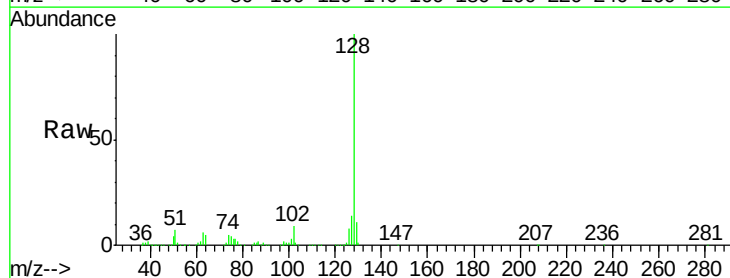
Tgt Ion:128 Resp: 521533

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

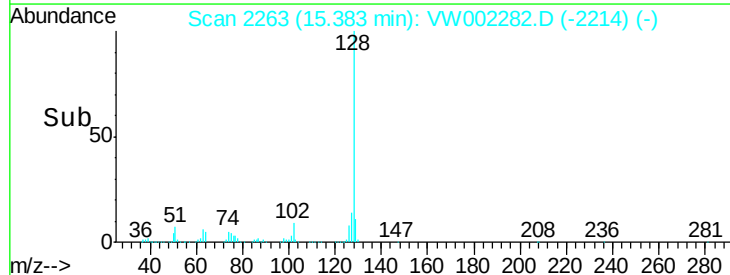
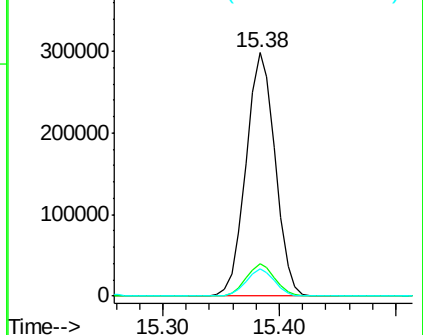
129 10.8 8.7 13.1

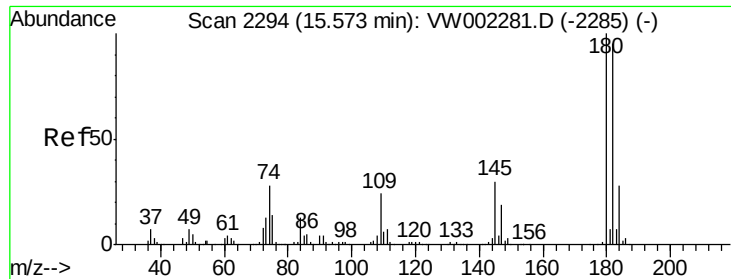


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

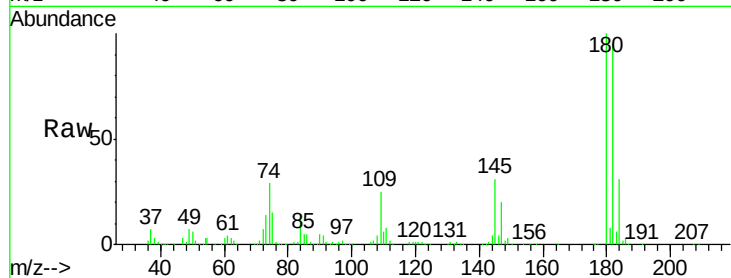




#96
 1,2,3-Trichlorobenzene
 Concen: 71.40 ug/l
 RT: 15.57 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: VW002282.D
 Acq: 08 May 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	31.4	15.7	47.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

