

Data File : VW002528.D

Acq On : 14 May 2018 22:31

Operator : JC/SY

Sample : VSTDIC075

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: May 15 02:27:53 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M

Quant Title : SW846 8260

QLast Update : Tue May 15 02:22:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	179383	71.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.84%	
35) Dibromofluoromethane	7.88	113	166249	72.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.90%	
50) Toluene-d8	10.33	98	635539	72.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.92%	
62) 4-Bromofluorobenzene	12.63	95	232198	73.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	67239	75.13	ug/l	100
3) Chloromethane	2.21	50	121056	67.23	ug/l	95
4) Vinyl Chloride	2.36	62	193502	65.52	ug/l	97
5) Bromomethane	2.77	94	151397	63.26	ug/l	98
6) Chloroethane	2.92	64	132897	66.06	ug/l	99
7) Trichlorofluoromethane	3.25	101	85087	69.16	ug/l	97
8) Diethyl Ether	3.67	74	96961	69.95	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	136004	63.28	ug/l	99
10) Methyl Iodide	4.26	142	219786	63.54	ug/l	100
11) Tert butyl alcohol	5.19	59	60962	324.44	ug/l	100
12) 1,1-Dichloroethene	4.03	96	133472	62.96	ug/l	98
13) Acrolein	3.89	56	62770	390.54	ug/l	98
14) Allyl chloride	4.65	41	207987	66.51	ug/l	100
15) Acrylonitrile	5.37	53	180014	332.14	ug/l	99
16) Acetone	4.12	43	174390	347.83	ug/l	98
17) Carbon Disulfide	4.37	76	363862	59.56	ug/l	100
18) Methyl Acetate	4.67	43	101610	67.79	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	254797	67.75	ug/l	99
20) Methylene Chloride	4.91	84	143639	61.01	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	146939	64.12	ug/l	99
22) Diisopropyl ether	6.31	45	456786	66.40	ug/l	99
23) Vinyl Acetate	6.25	43	1408646	340.45	ug/l	100
24) 1,1-Dichloroethane	6.21	63	268043	64.43	ug/l	98
25) 2-Butanone	7.17	43	247017	333.78	ug/l	97
26) 2,2-Dichloropropane	7.17	77	146257	69.36	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	167365	64.54	ug/l	99
28) Bromochloromethane	7.51	49	122548	64.74	ug/l	99
29) Tetrahydrofuran	7.53	42	160462	332.31	ug/l	98
30) Chloroform	7.67	83	288370	66.05	ug/l	96
31) Cyclohexane	7.95	56	222234	59.99	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	217726	66.08	ug/l	100
36) 1,1-Dichloropropene	8.08	75	213974	66.28	ug/l	100
37) Ethyl Acetate	7.26	43	106131	66.84	ug/l	100
38) Carbon Tetrachloride	8.06	117	212505	67.84	ug/l	97

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Quant Title : SW846 8260

QLast Update : Tue May 15 02:22:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	249050	66.31	ug/l	99
40) Benzene	8.32	78	614050	65.39	ug/l	99
41) Methacrylonitrile	7.49	41	59974	67.28	ug/l	99
42) 1,2-Dichloroethane	8.40	62	197397	67.01	ug/l	100
43) Isopropyl Acetate	8.43	43	208296	69.16	ug/l	100
44) Trichloroethene	9.09	130	168636	65.69	ug/l	99
45) 1,2-Dichloropropane	9.37	63	157258	66.50	ug/l	99
46) Dibromomethane	9.46	93	89281	67.34	ug/l	99
47) Bromodichloromethane	9.65	83	218119	69.86	ug/l	96
48) Methyl methacrylate	9.44	41	102398	70.14	ug/l	98
49) 1,4-Dioxane	9.45	88	29187	1364.41	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	572914	343.39	ug/l	100
52) Toluene	10.40	92	395771	66.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	220088	71.12	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	244738	69.62	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	124053	66.38	ug/l	97
56) Ethyl methacrylate	10.65	69	163258	70.57	ug/l	100
57) 1,3-Dichloropropane	10.94	76	212393	66.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	397093	353.10	ug/l	99
59) 2-Hexanone	10.98	43	400769	350.57	ug/l	100
60) Dibromochloromethane	11.13	129	152019	68.85	ug/l	99
61) 1,2-Dibromoethane	11.24	107	122210	67.13	ug/l	100
64) Tetrachloroethene	10.87	164	160959	63.44	ug/l	99
65) Chlorobenzene	11.66	112	449473	66.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	167981	69.21	ug/l	98
67) Ethyl Benzene	11.74	91	794655	67.91	ug/l	100
68) m/p-Xylenes	11.85	106	611676	135.59	ug/l	100
69) o-Xylene	12.18	106	294457	68.60	ug/l	100
70) Styrene	12.19	104	495739	69.62	ug/l	99
71) Bromoform	12.36	173	97743	69.68	ug/l #	99
73) Isopropylbenzene	12.48	105	805891	66.70	ug/l	99
74) N-amyl acetate	12.28	43	212166	69.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	155405	65.81	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	203277	117.82	ug/l #	100
77) Bromobenzene	12.76	156	201775	66.18	ug/l	99
78) n-propylbenzene	12.82	91	969007	67.64	ug/l	100
79) 2-Chlorotoluene	12.90	91	543823	66.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	690314	67.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	46297	72.92	ug/l	98
82) 4-Chlorotoluene	13.00	91	585198	66.72	ug/l	100
83) tert-Butylbenzene	13.22	119	591761	67.68	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	718872	68.13	ug/l	99
85) sec-Butylbenzene	13.40	105	846000	67.57	ug/l	100
86) p-Isopropyltoluene	13.51	119	775114	69.09	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	402360	66.69	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	400435	66.43	ug/l	99
89) n-Butylbenzene	13.83	91	728699	69.45	ug/l	100
90) Hexachloroethane	14.11	117	135934	67.82	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	364463	66.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	27822	68.10	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
Quantitation Report (Not Reviewed)

Data File : VW002528.D
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Sample : VSTDICC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC075

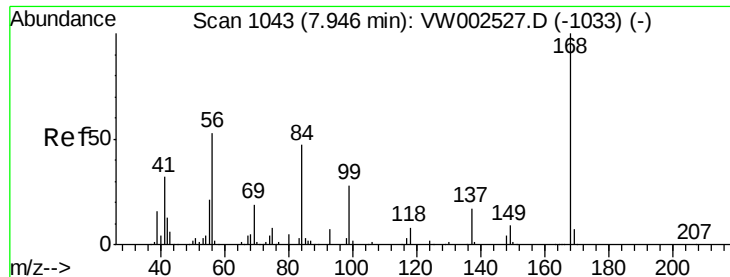
Quant Time: May 15 02:27:53 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 02:22:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	265014	67.29	ug/l	99
94) Hexachlorobutadiene	15.25	225	144458	65.88	ug/l	99
95) Naphthalene	15.38	128	501644	69.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	232904	65.91	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

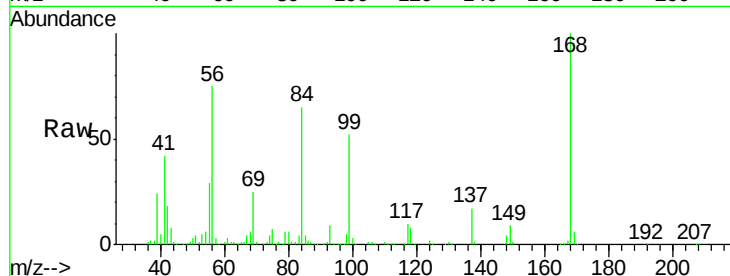
VSTDIC075

Tgt Ion:168 Resp: 238302

Ion Ratio Lower Upper

168 100

99 51.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

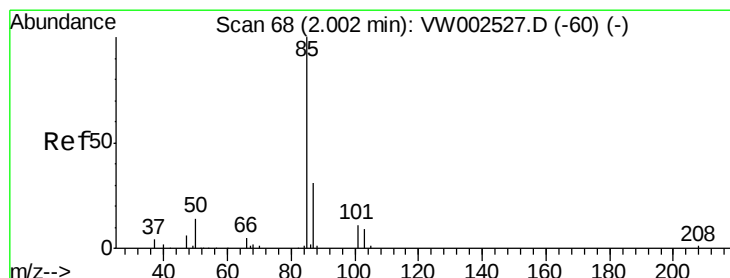
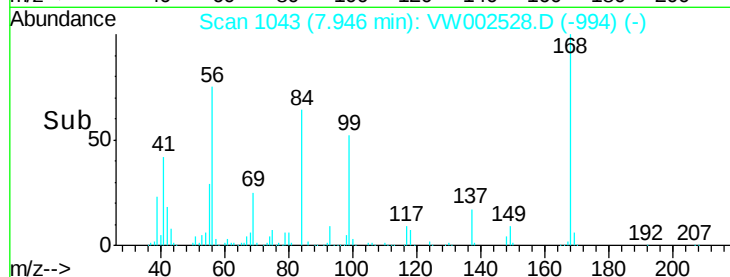
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 75.13 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002528.D

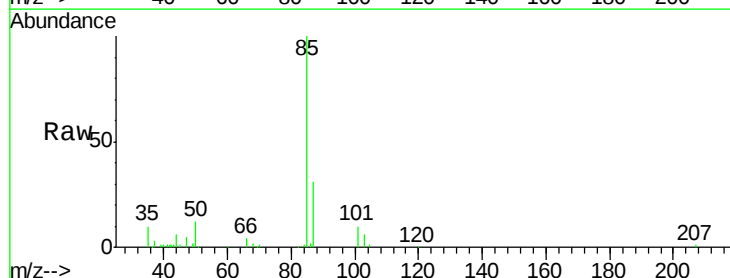
Acq: 14 May 2018 22:31

Tgt Ion: 85 Resp: 67239

Ion Ratio Lower Upper

85 100

87 30.6 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

15000

10000

5000

0

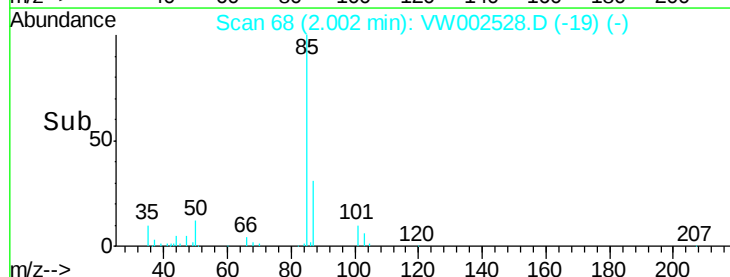
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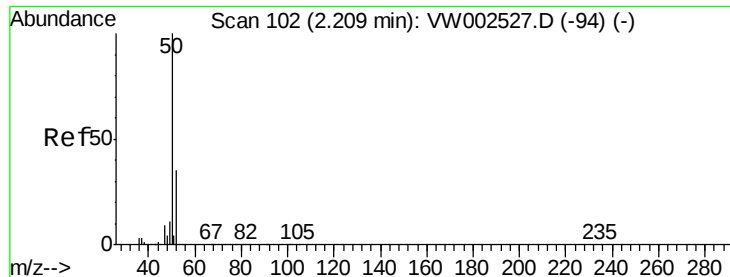
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 67.23 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

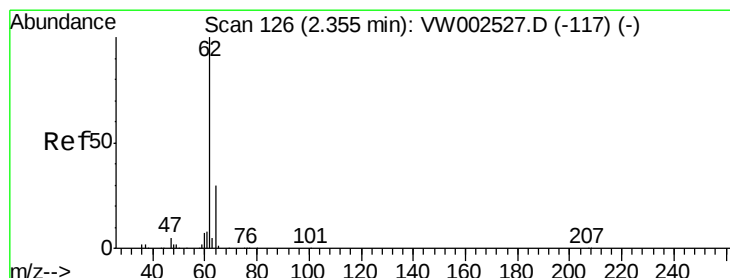
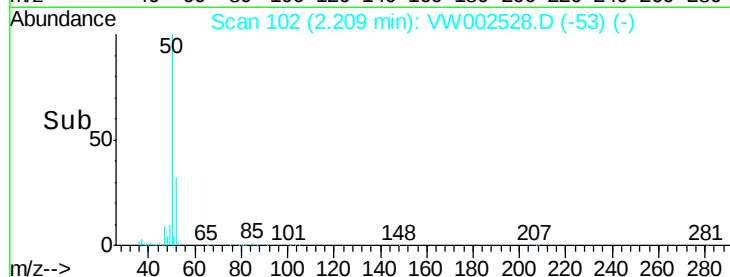
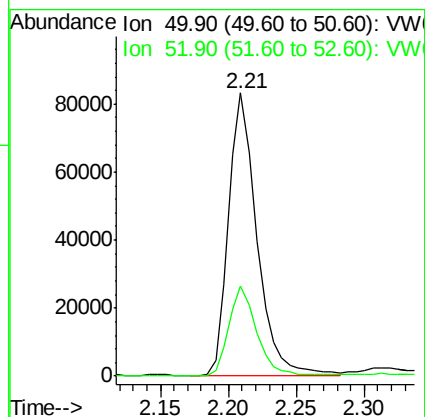
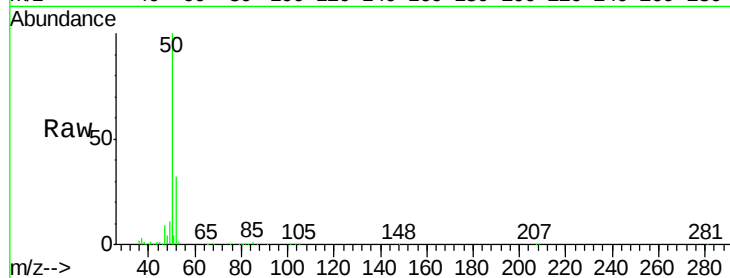
VSTDIC075

Tgt Ion: 50 Resp: 121056

Ion Ratio Lower Upper

50 100

52 32.0 27.8 41.8



#4

Vinyl Chloride

Concen: 65.52 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002528.D

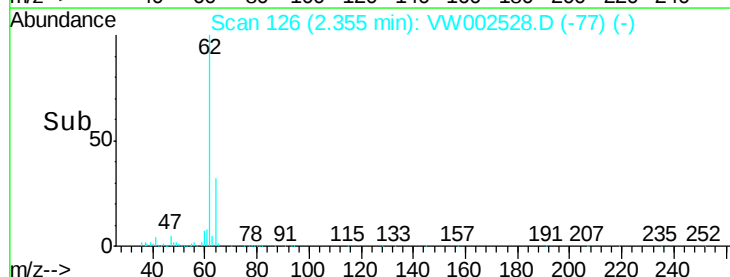
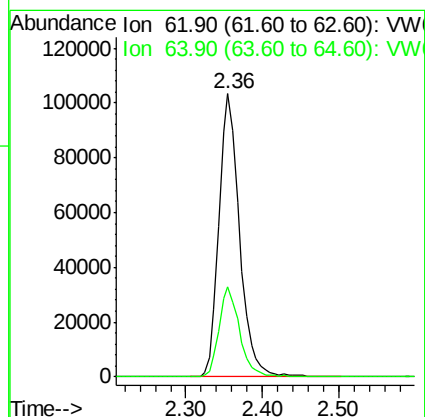
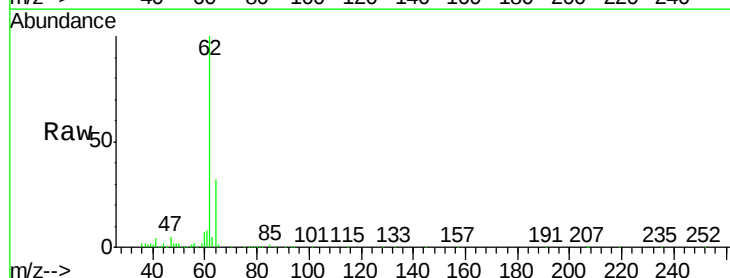
Acq: 14 May 2018 22:31

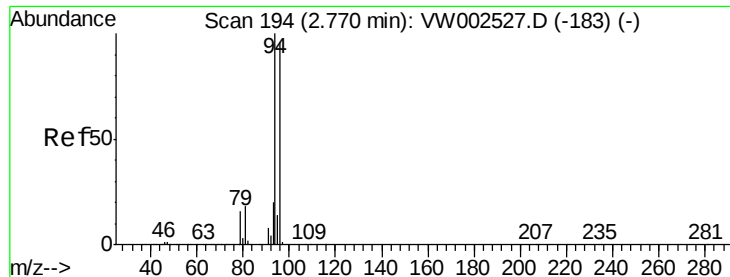
Tgt Ion: 62 Resp: 193502

Ion Ratio Lower Upper

62 100

64 31.6 24.0 36.0





#5

Bromomethane

Concen: 63.26 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

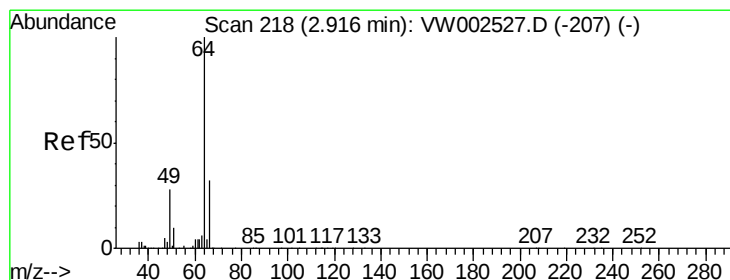
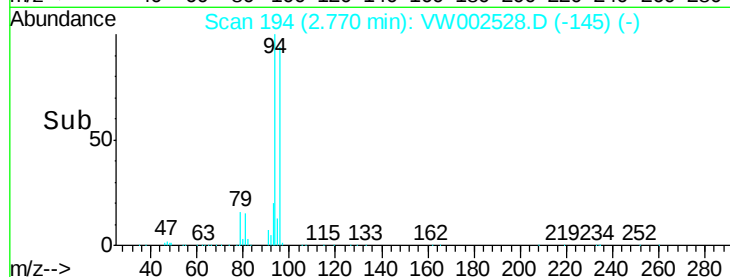
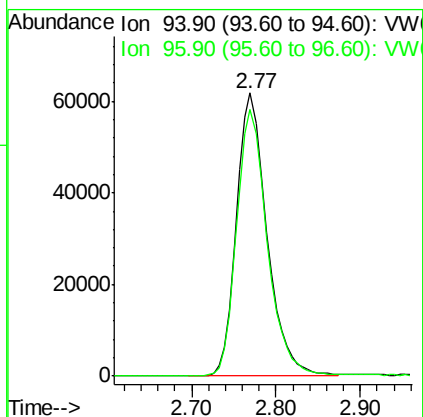
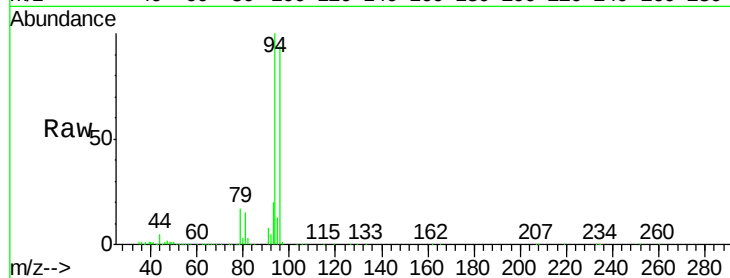
VSTDIC075

Tgt Ion: 94 Resp: 151397

Ion Ratio Lower Upper

94 100

96 94.3 77.0 115.4



#6

Chloroethane

Concen: 66.06 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002528.D

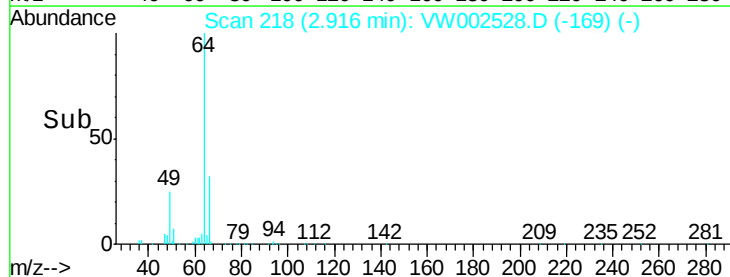
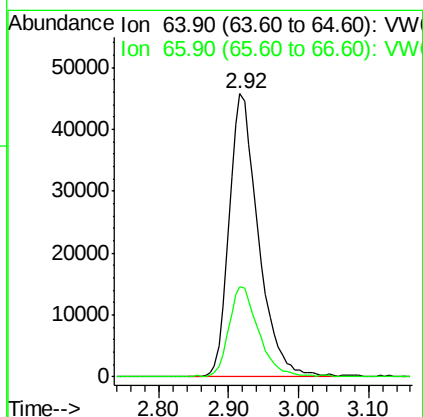
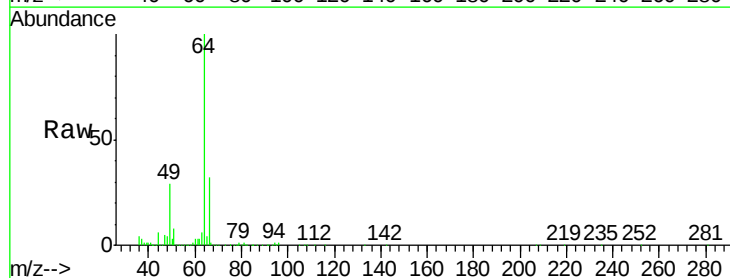
Acq: 14 May 2018 22:31

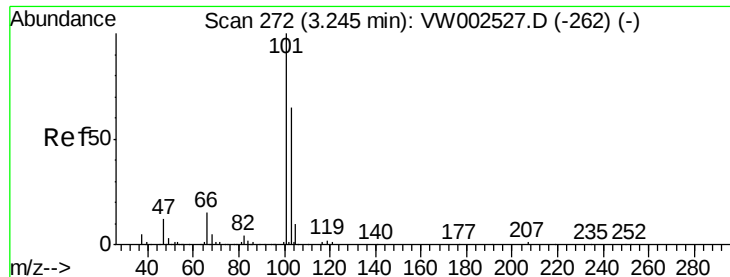
Tgt Ion: 64 Resp: 132897

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.8



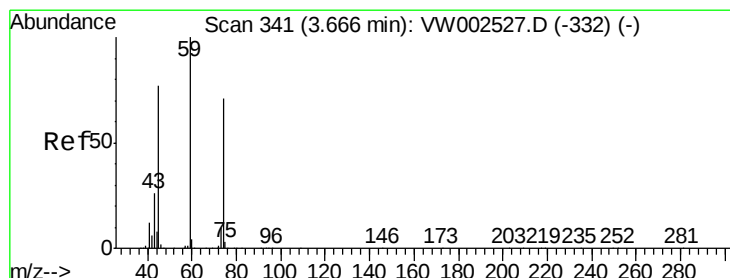
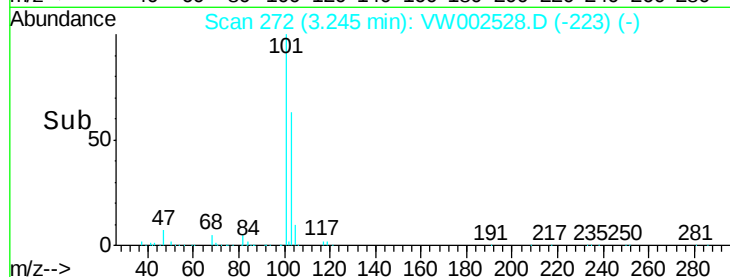
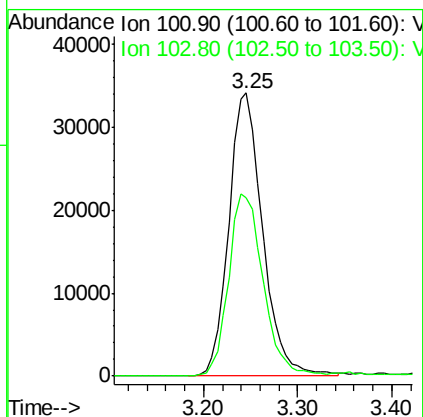
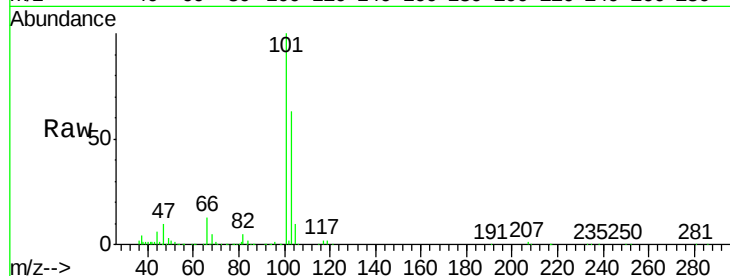


#7

Trichlorofluoromethane
 Concen: 69.16 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Instrument :
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 ClientSampleId :
 VSTDIC075

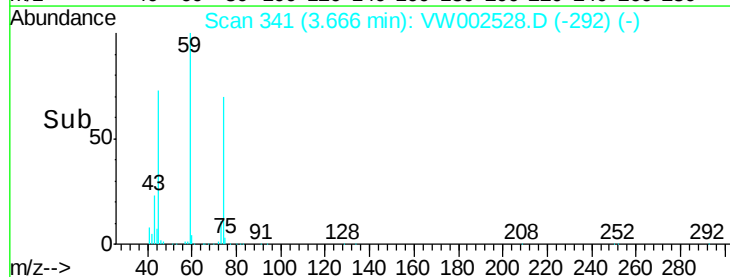
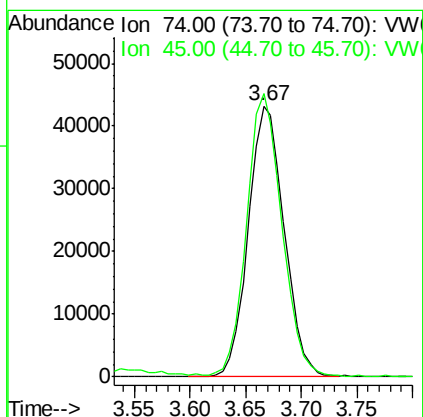
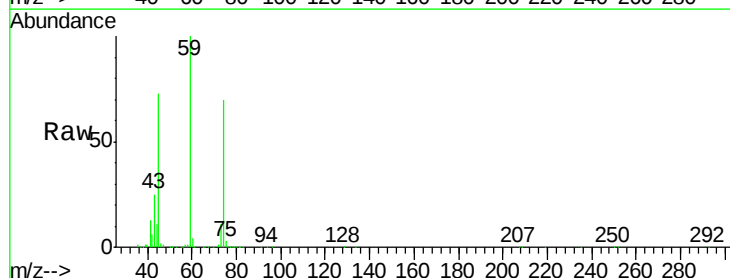
Tgt Ion:101 Resp: 85087
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.8 77.8

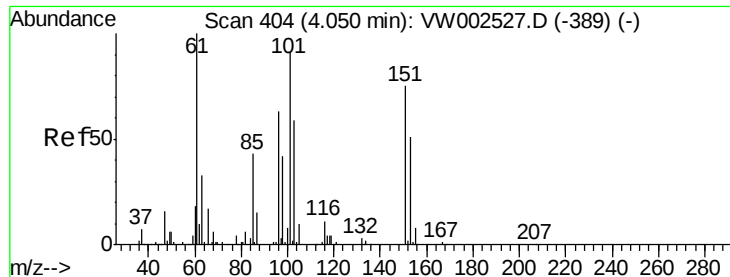


#8

Diethyl Ether
 Concen: 69.95 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion: 74 Resp: 96961
 Ion Ratio Lower Upper
 74 100
 45 102.1 52.3 156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.28 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

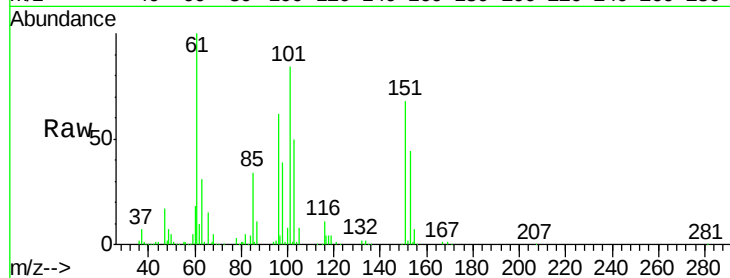
Tgt Ion:101 Resp: 136004

Ion Ratio Lower Upper

101 100

85 44.7 36.5 54.7

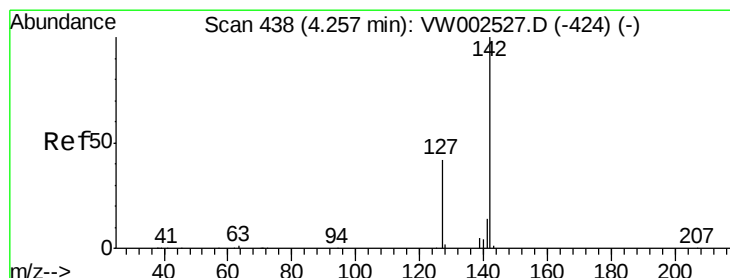
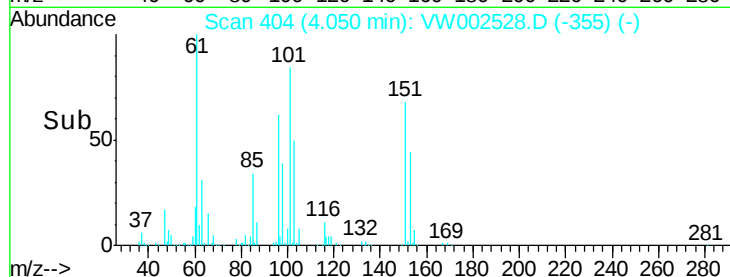
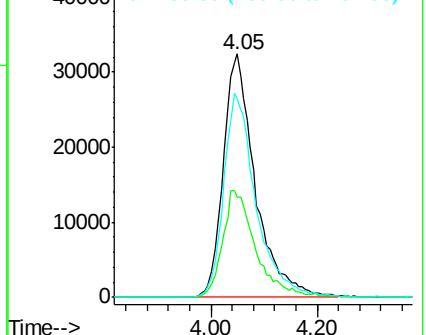
151 84.6 66.7 100.1



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: 63.54 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

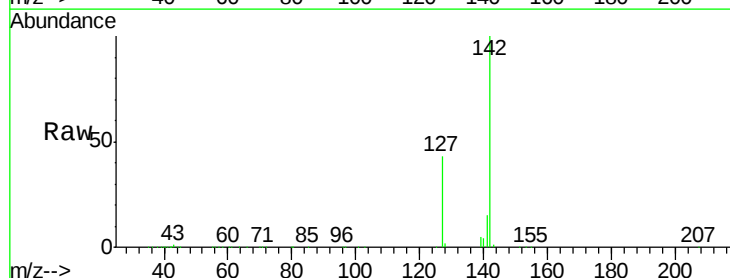
Tgt Ion:142 Resp: 219786

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

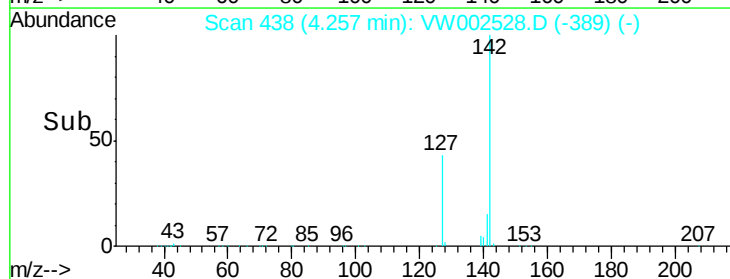
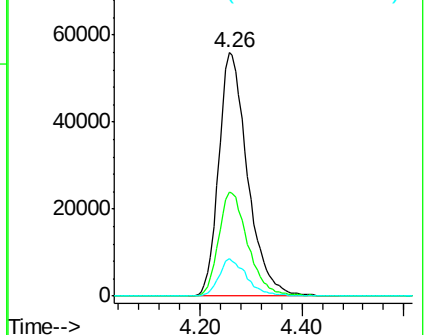
141 14.8 11.8 17.8

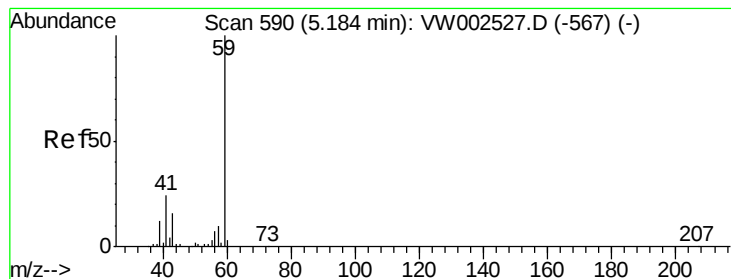


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



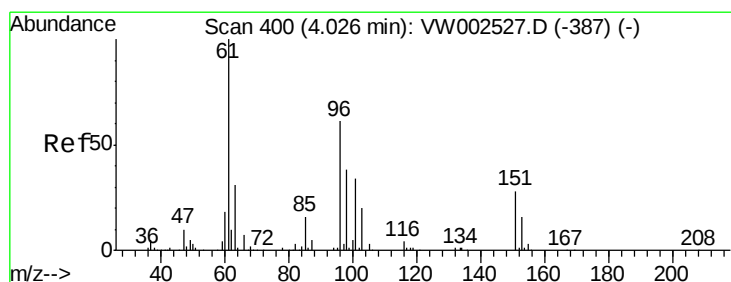
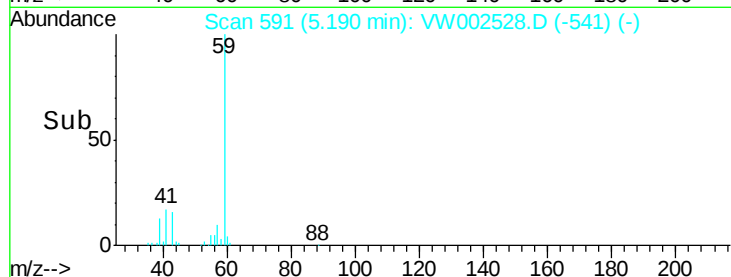
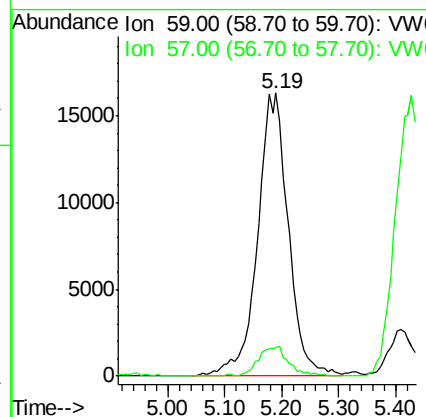
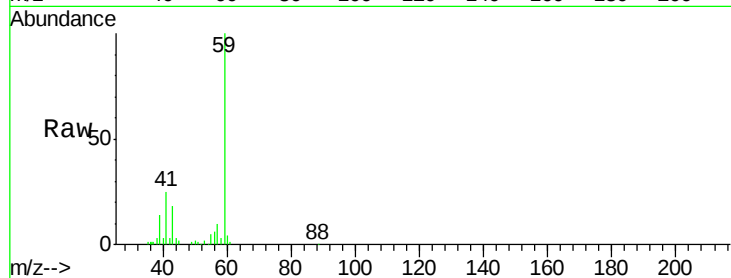


#11

Tert butyl alcohol
 Concen: 324.44 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

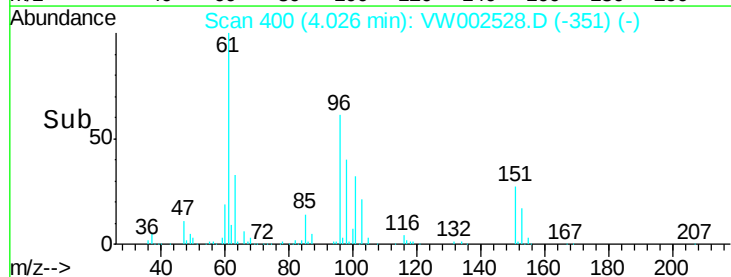
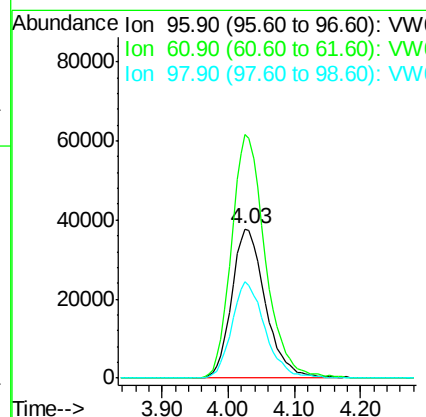
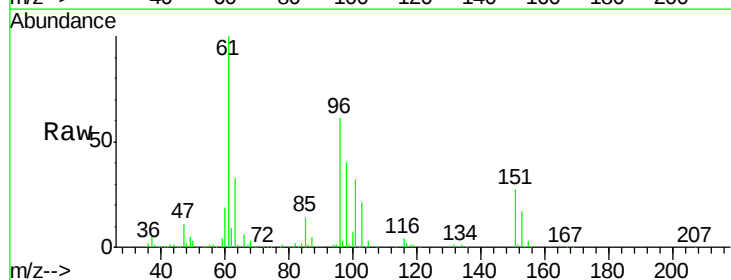
Tgt Ion: 59 Resp: 60962
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

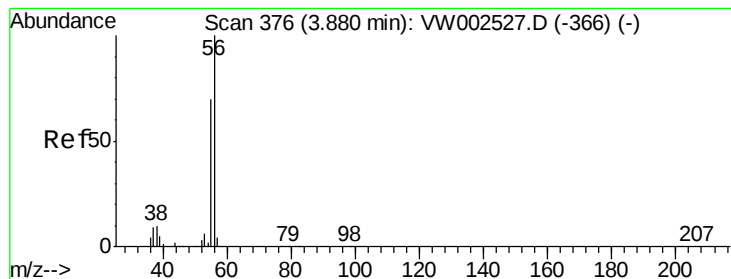


#12

1,1-Dichloroethene
 Concen: 62.96 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion: 96 Resp: 133472
 Ion Ratio Lower Upper
 96 100
 61 163.3 132.2 198.2
 98 64.7 50.6 76.0





#13

Acrolein

Concen: 390.54 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

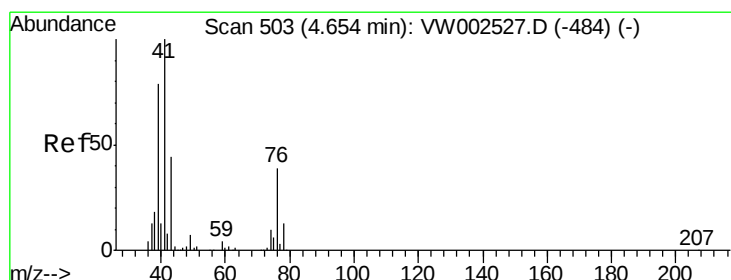
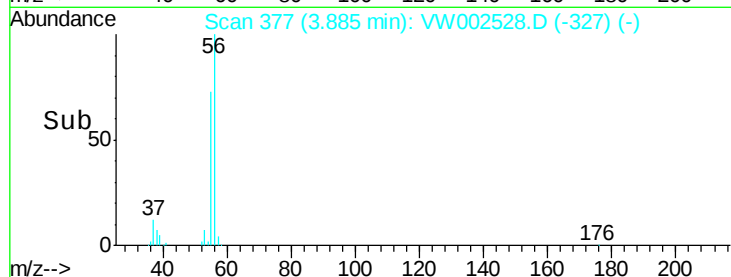
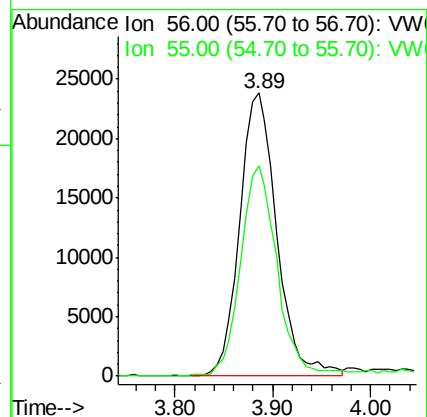
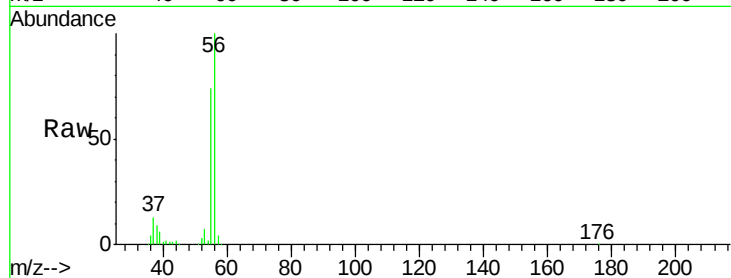
VSTDIC075

Tgt Ion: 56 Resp: 62770

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 66.51 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

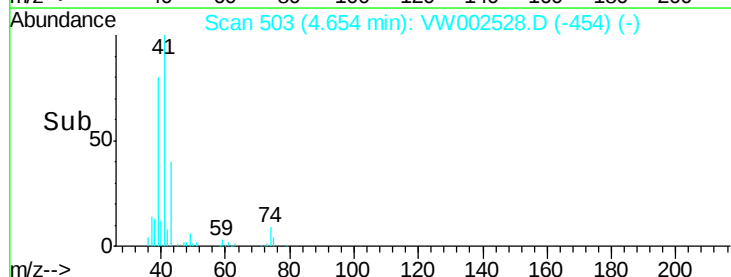
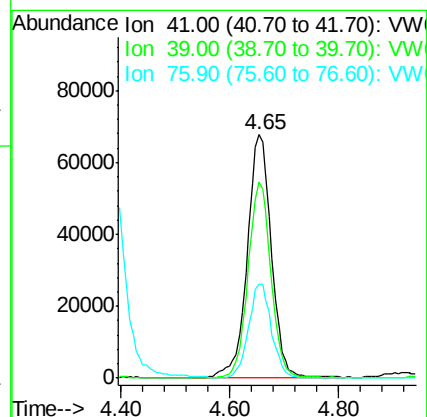
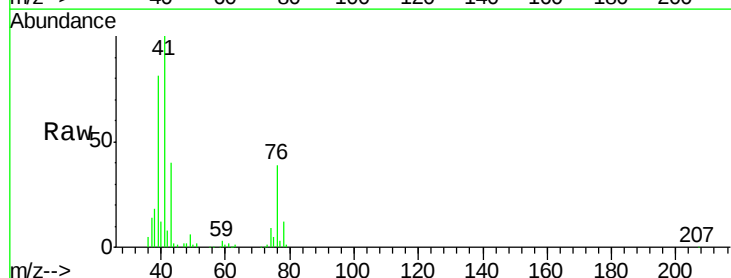
Tgt Ion: 41 Resp: 207987

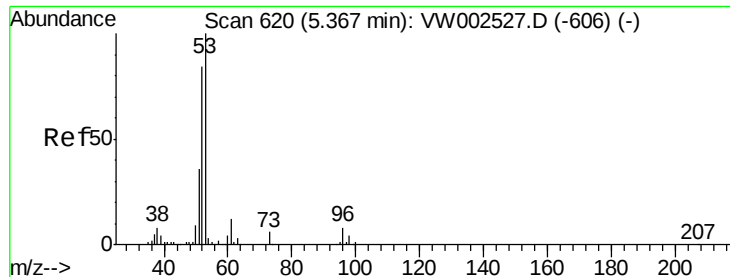
Ion Ratio Lower Upper

41 100

39 77.0 61.4 92.2

76 36.9 29.6 44.4





#15

Acrylonitrile

Concen: 332.14 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

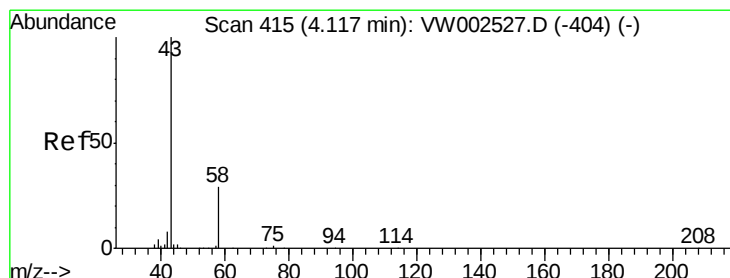
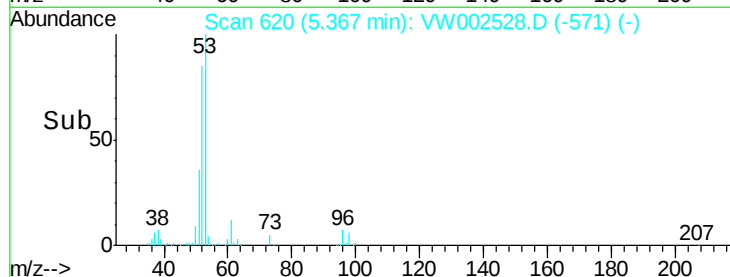
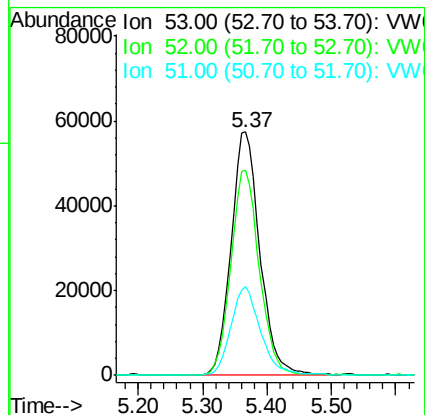
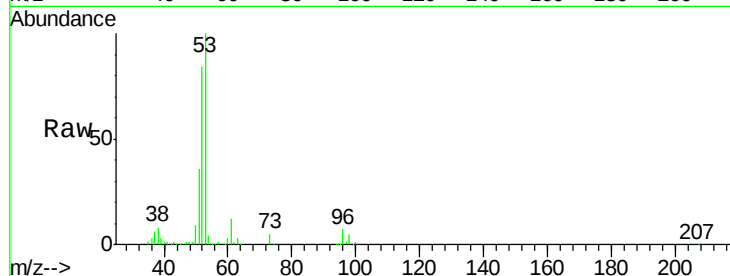
Tgt Ion: 53 Resp: 180014

Ion Ratio Lower Upper

53 100

52 82.8 66.6 100.0

51 37.7 30.6 46.0



#16

Acetone

Concen: 347.83 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW002528.D

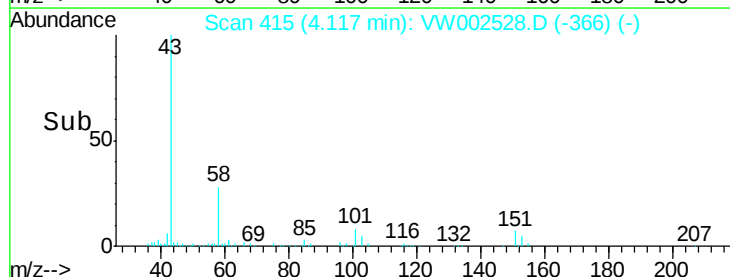
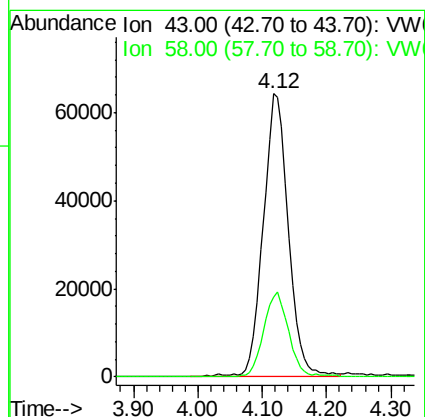
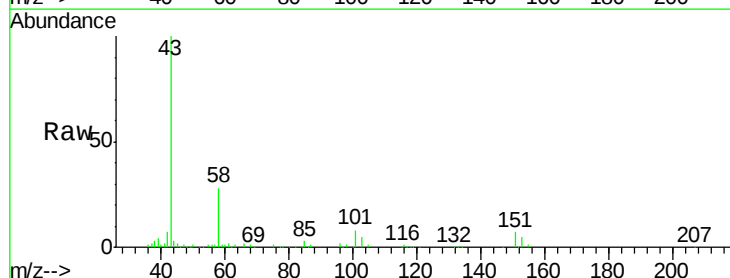
Acq: 14 May 2018 22:31

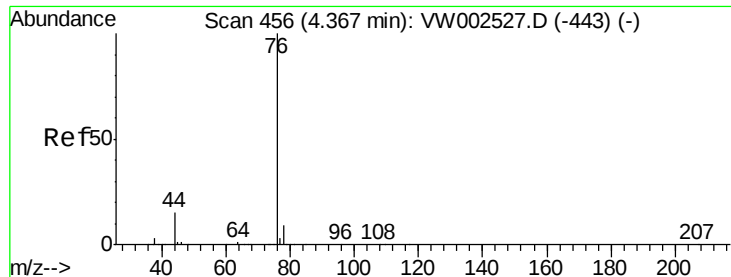
Tgt Ion: 43 Resp: 174390

Ion Ratio Lower Upper

43 100

58 28.0 23.4 35.0

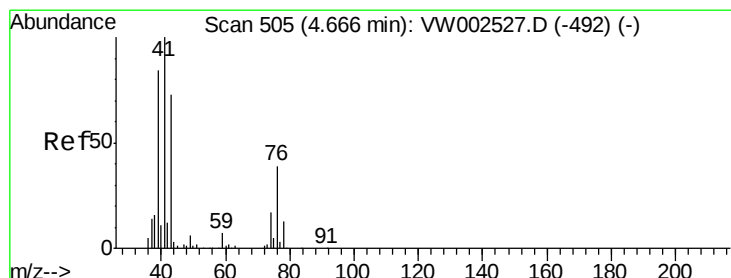
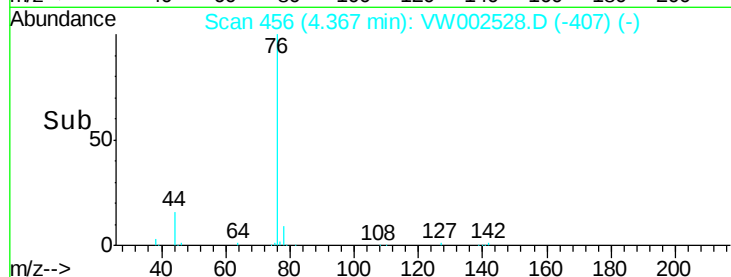
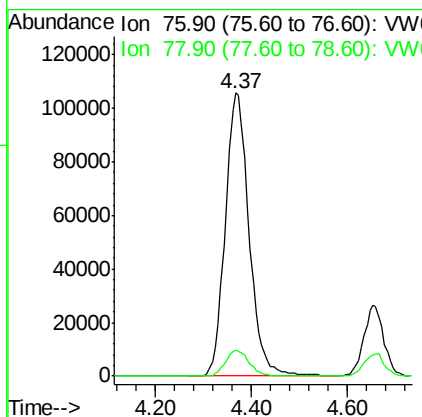
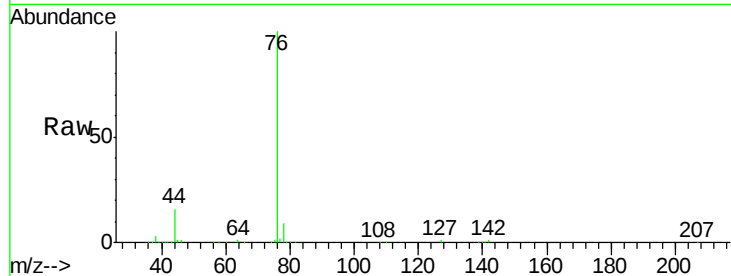




#17
Carbon Disulfide
Concen: 59.56 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

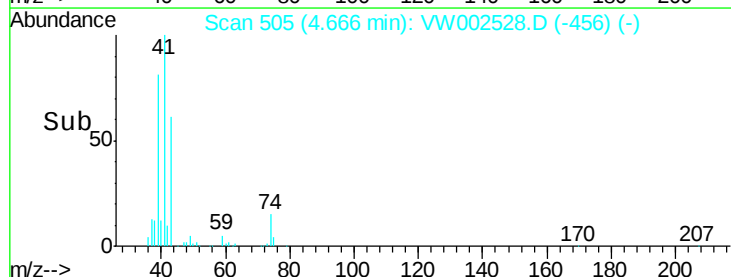
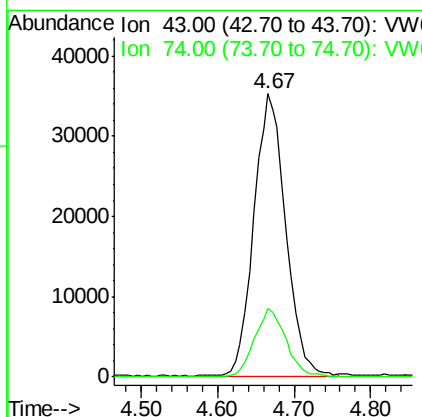
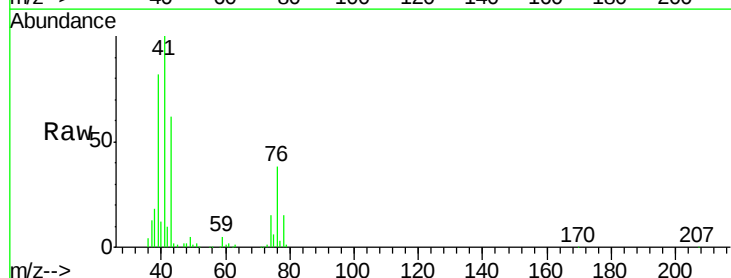
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

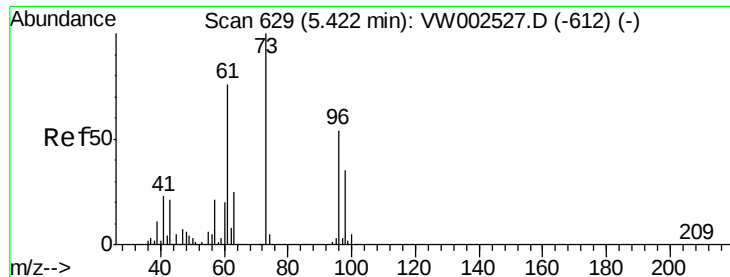
Tgt Ion: 76 Resp: 363862
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 67.79 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 43 Resp: 101610
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

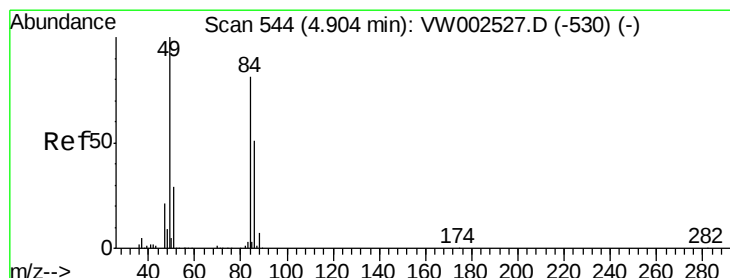
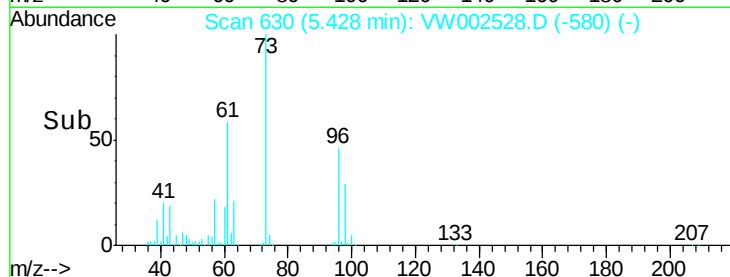
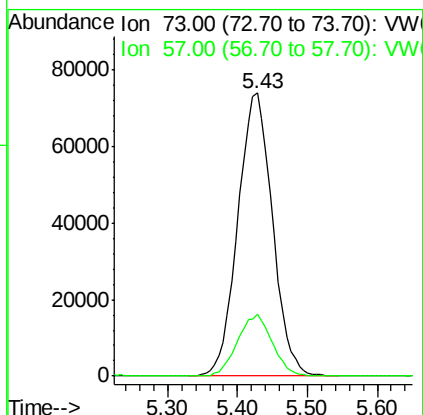
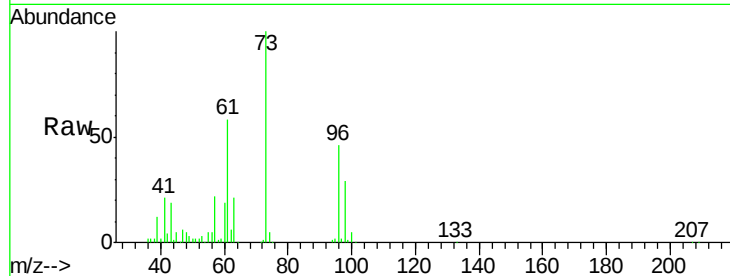




#19
Methyl tert-butyl Ether
Concen: 67.75 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

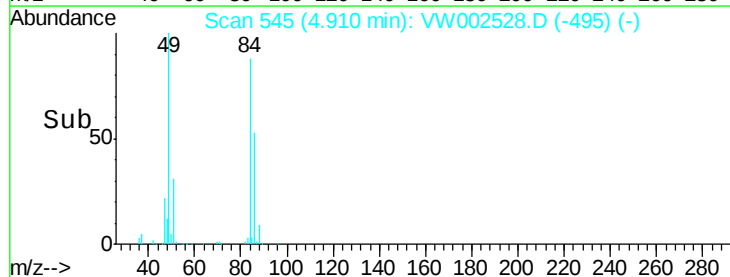
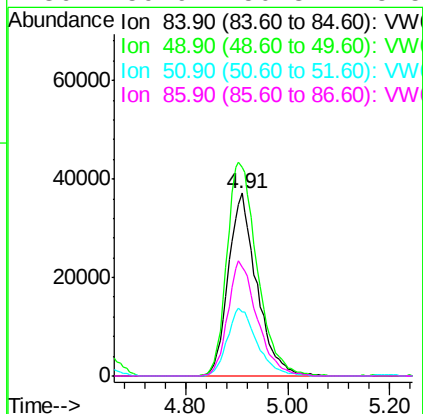
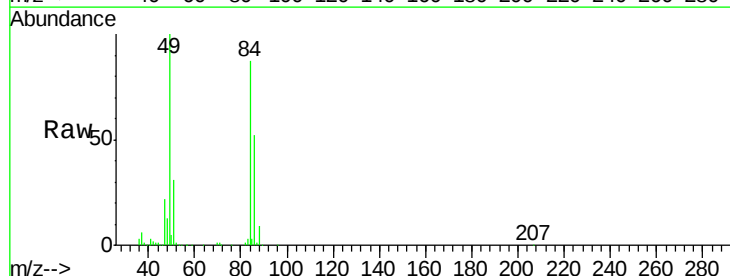
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

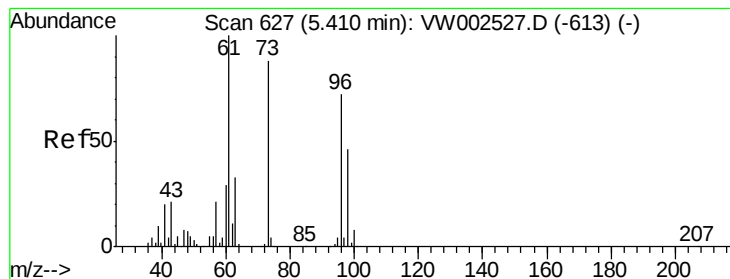
Tgt Ion: 73 Resp: 254797
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 61.01 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 84 Resp: 143639
Ion Ratio Lower Upper
84 100
49 114.4 99.4 149.0
51 35.0 29.0 43.6
86 59.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 64.12 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

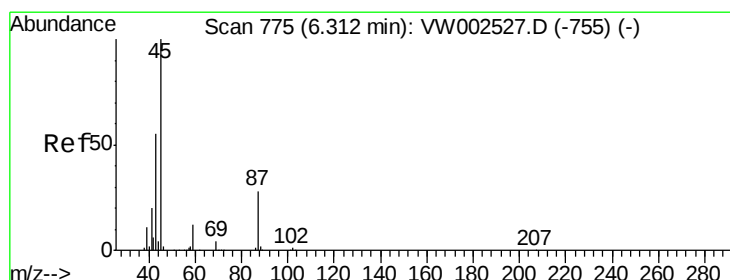
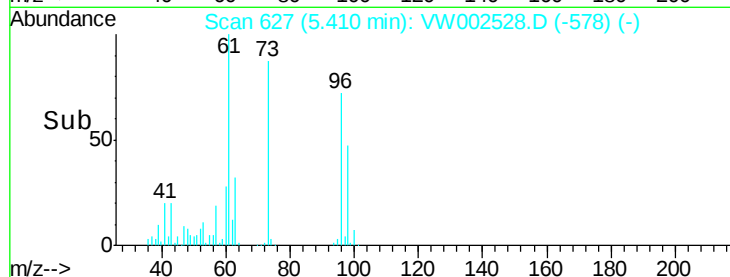
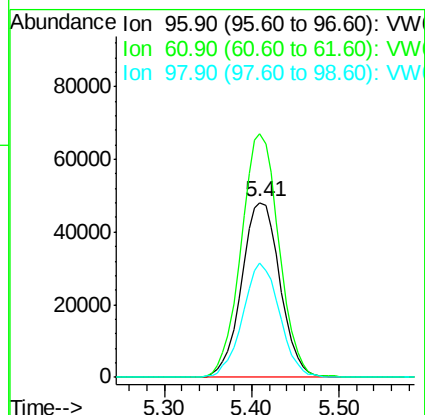
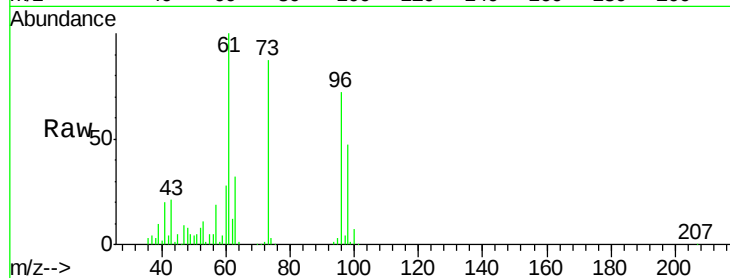
Tgt Ion: 96 Resp: 146939

Ion Ratio Lower Upper

96 100

61 139.3 111.6 167.4

98 65.8 51.7 77.5



#22

Diisopropyl ether

Concen: 66.40 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Tgt Ion: 45 Resp: 456786

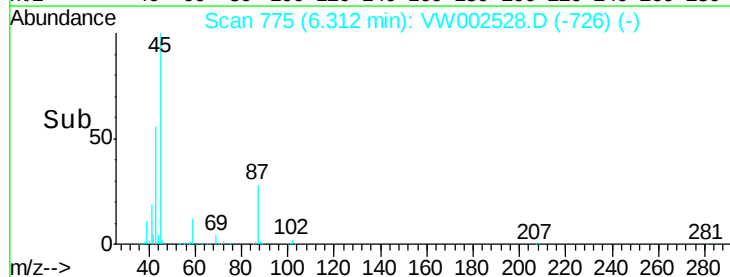
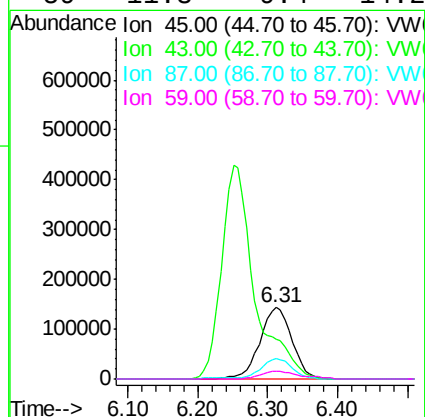
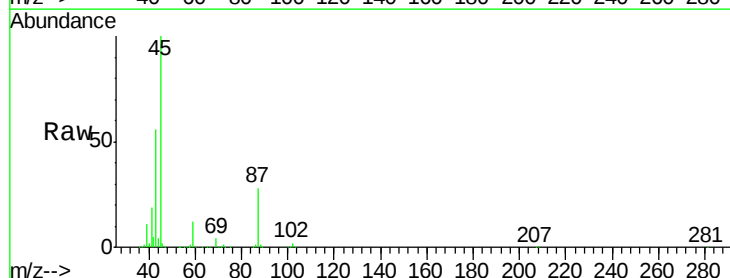
Ion Ratio Lower Upper

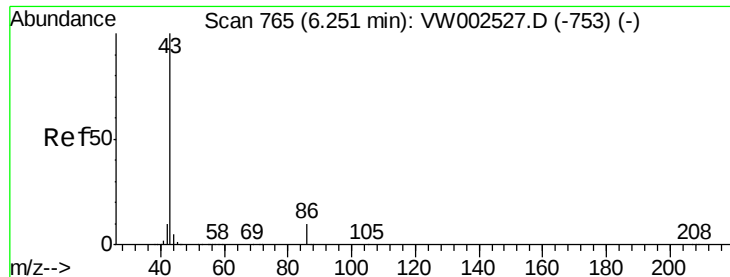
45 100

43 56.0 44.4 66.6

87 27.8 23.0 34.4

59 11.3 9.4 14.2





#23

Vinyl Acetate

Concen: 340.45 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

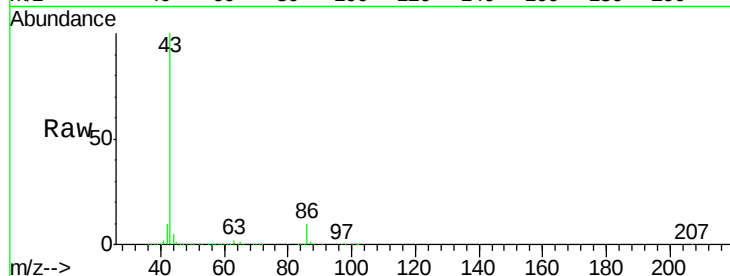
VSTDIC075

Tgt Ion: 43 Resp: 1408646

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

300000

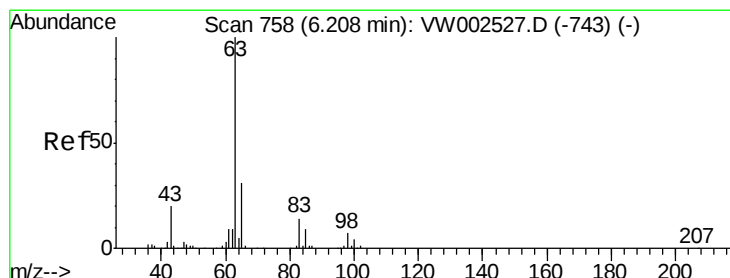
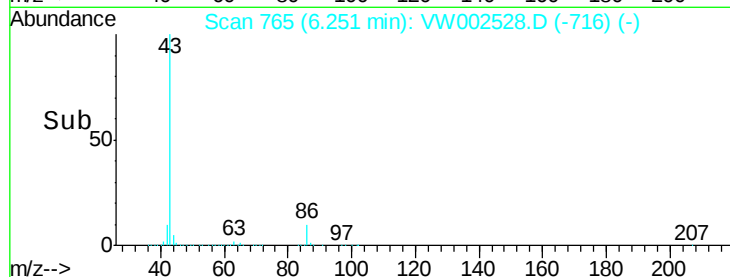
200000

100000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 64.43 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

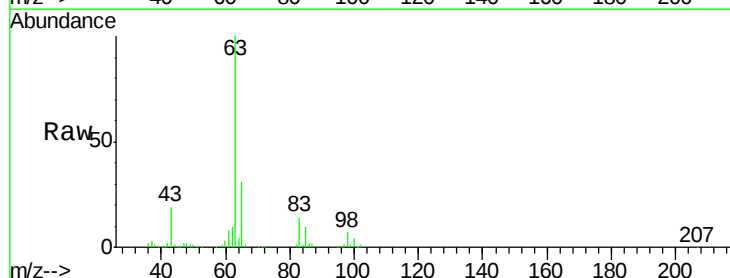
Tgt Ion: 63 Resp: 268043

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 3.9 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

60000

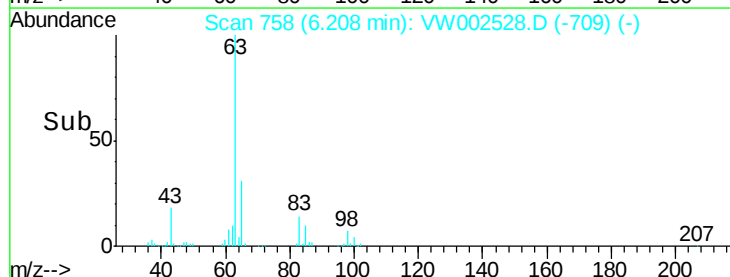
40000

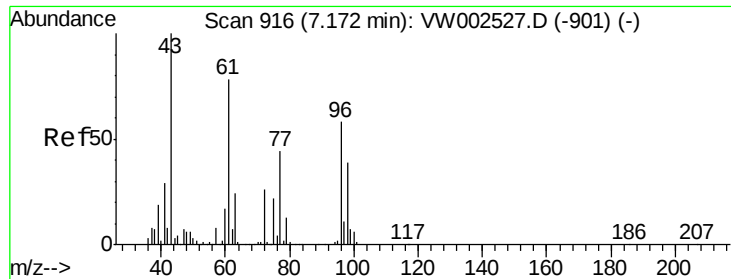
20000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 333.78 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampled :

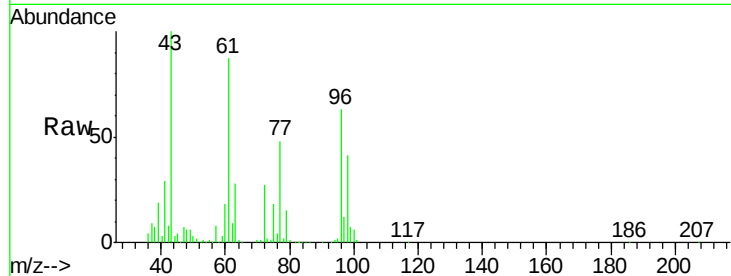
VSTDIC075

Tgt Ion: 43 Resp: 247017

Ion Ratio Lower Upper

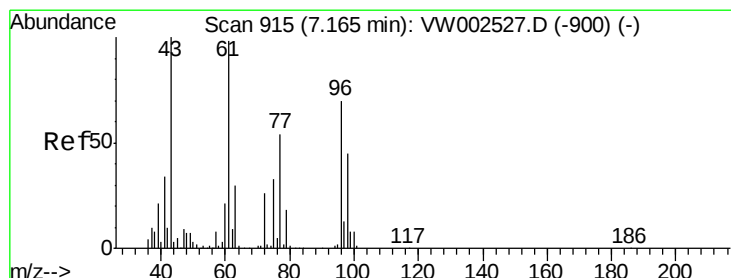
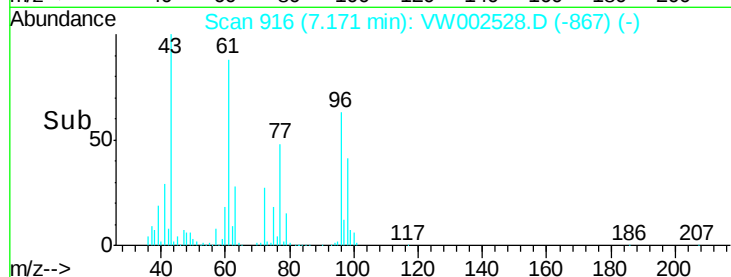
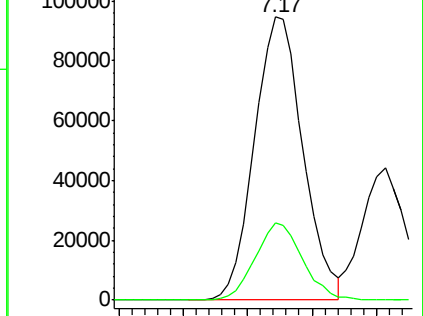
43 100

72 27.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 69.36 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002528.D

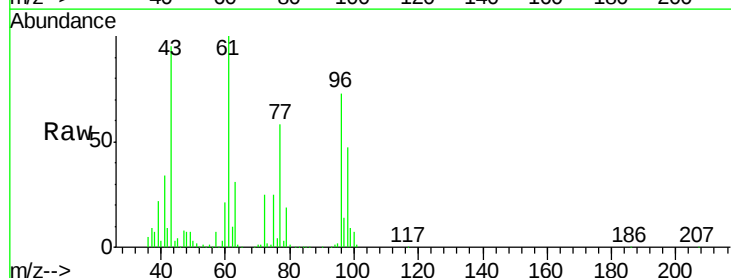
Acq: 14 May 2018 22:31

Tgt Ion: 77 Resp: 146257

Ion Ratio Lower Upper

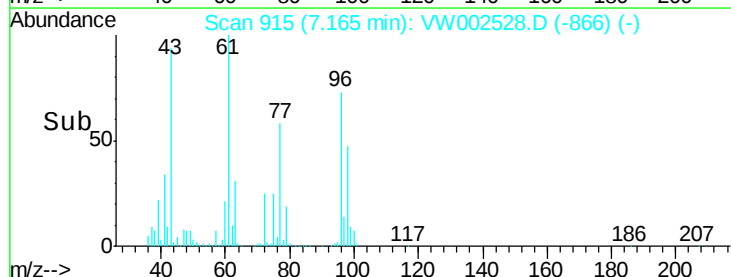
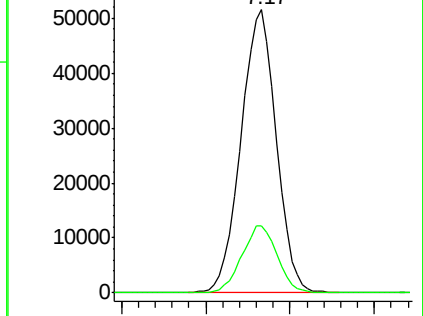
77 100

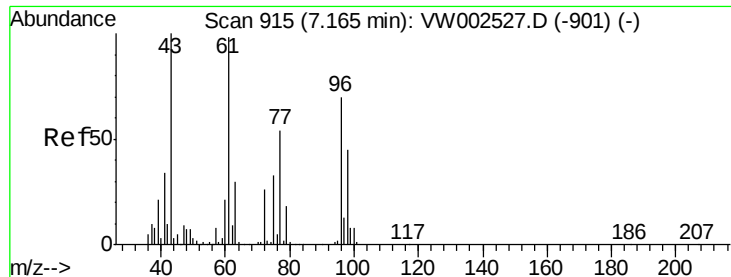
97 23.9 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 64.54 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

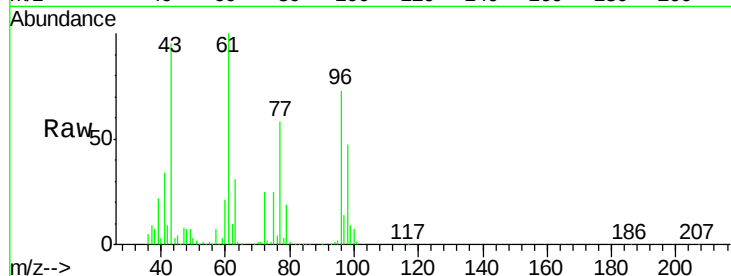
Tgt Ion: 96 Resp: 167365

Ion Ratio Lower Upper

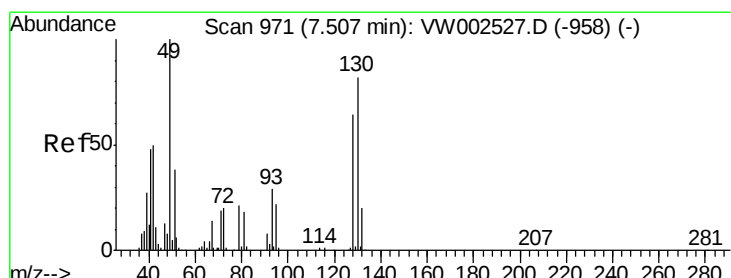
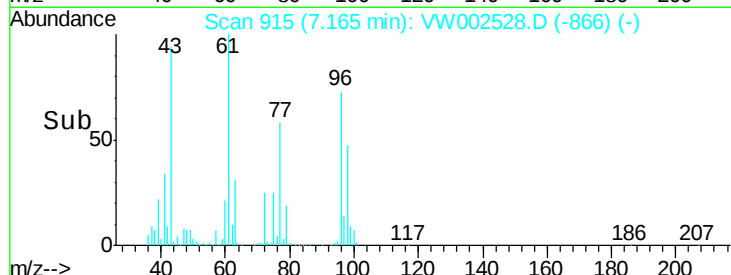
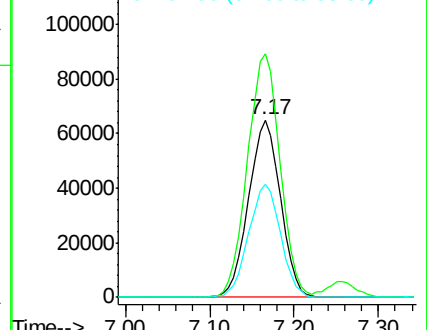
96 100

61 140.4 0.0 281.6

98 64.3 0.0 130.8



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



#28

Bromochloromethane

Concen: 64.74 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.01 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

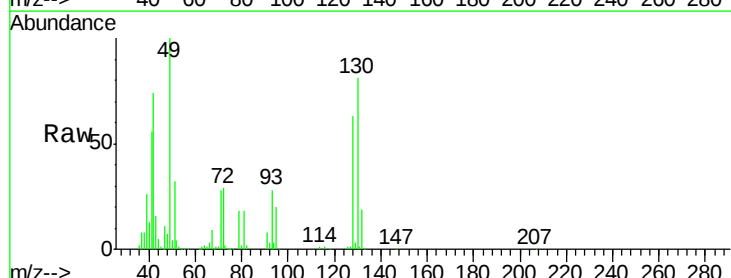
Tgt Ion: 49 Resp: 122548

Ion Ratio Lower Upper

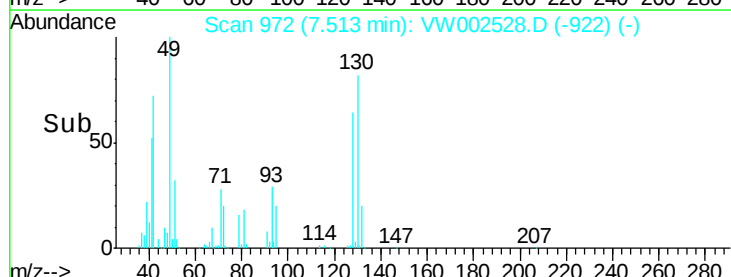
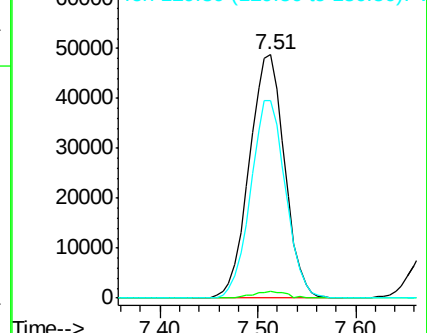
49 100

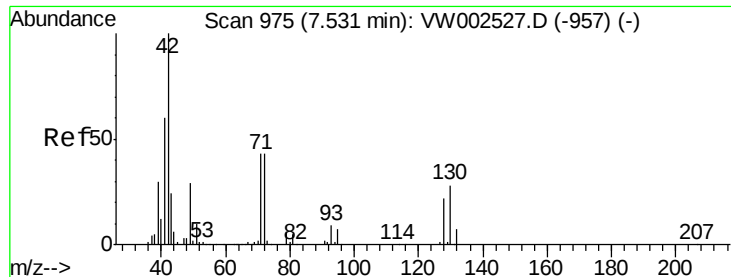
129 2.4 0.0 4.4

130 80.3 64.7 97.1



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

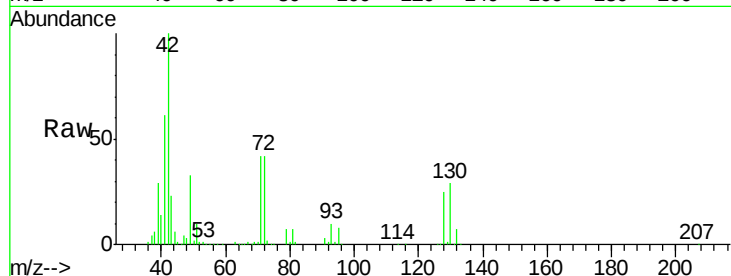




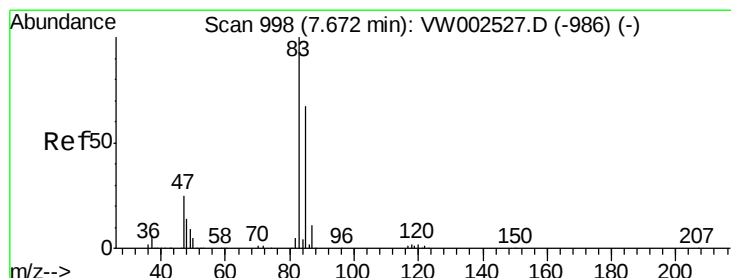
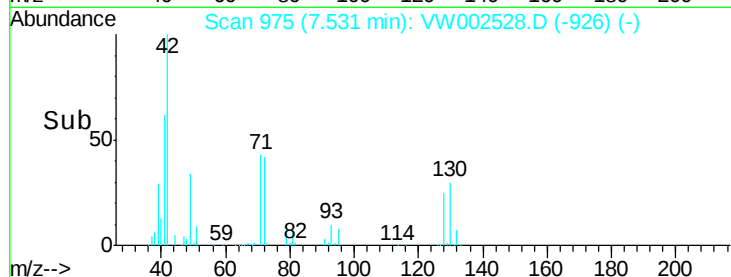
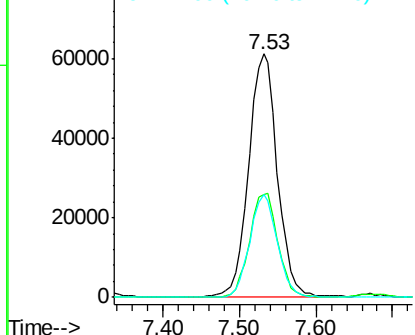
#29
Tetrahydrofuran
Concen: 332.31 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 42 Resp: 160462
Ion Ratio Lower Upper
42 100
72 42.4 35.0 52.4
71 40.5 33.0 49.6

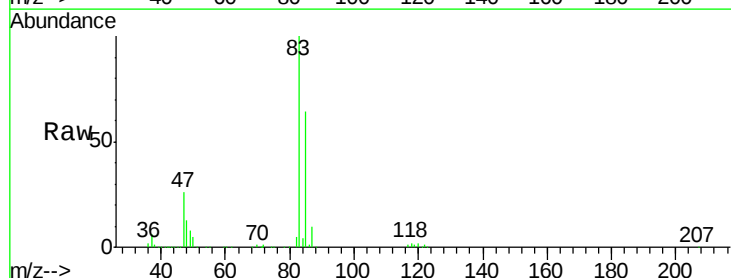


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

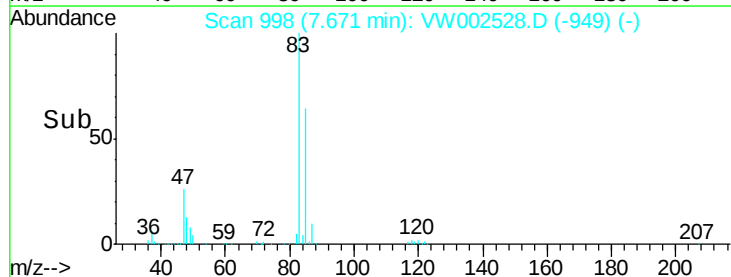
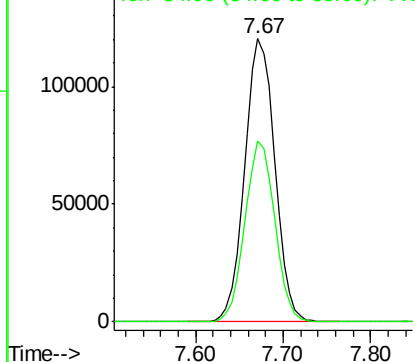


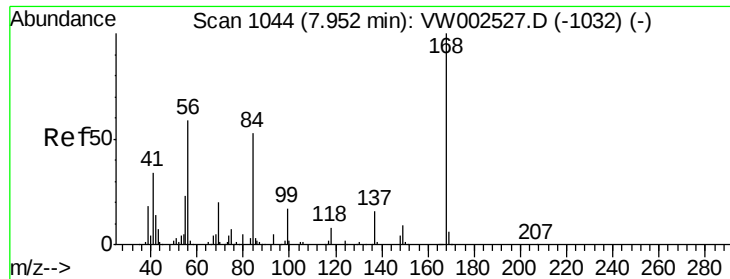
#30
Chloroform
Concen: 66.05 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 83 Resp: 288370
Ion Ratio Lower Upper
83 100
85 63.9 53.9 80.9



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

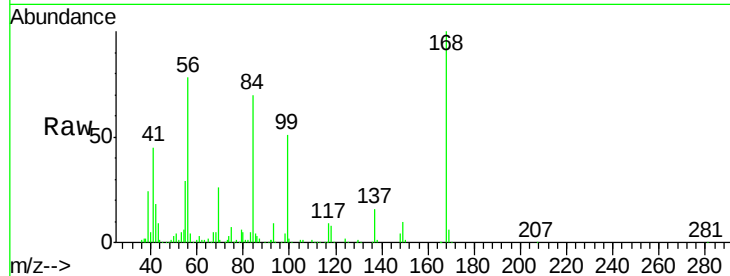




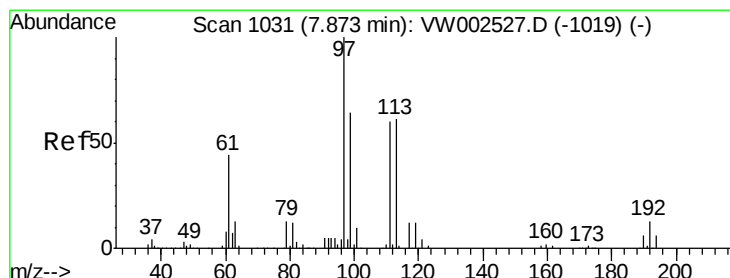
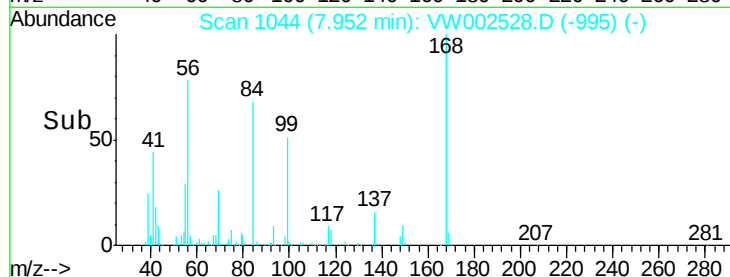
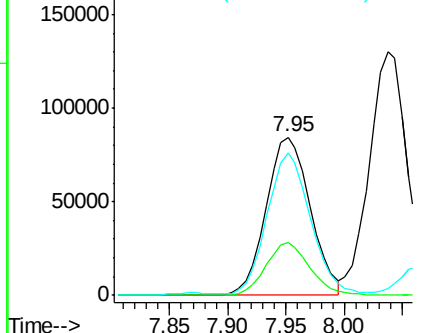
#31
Cyclohexane
Concen: 59.99 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 222234
Ion Ratio Lower Upper
56 100
69 33.8 27.0 40.4
84 88.0 72.2 108.2

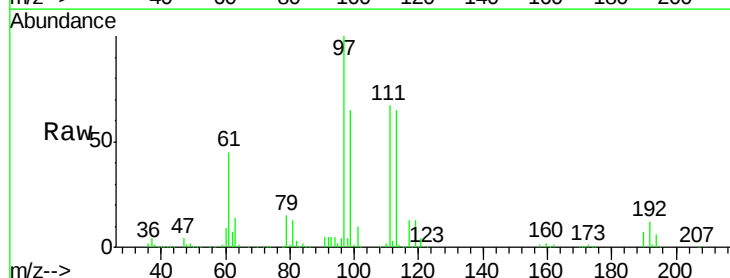


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

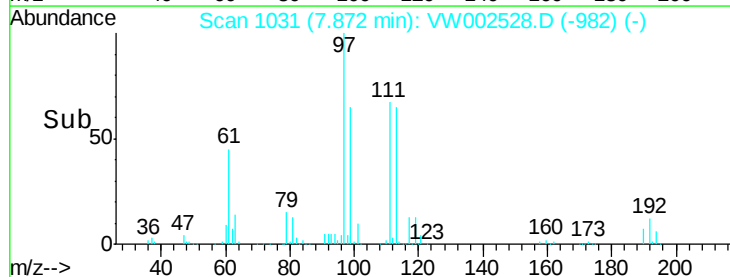
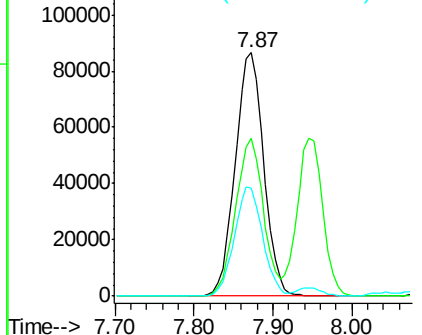


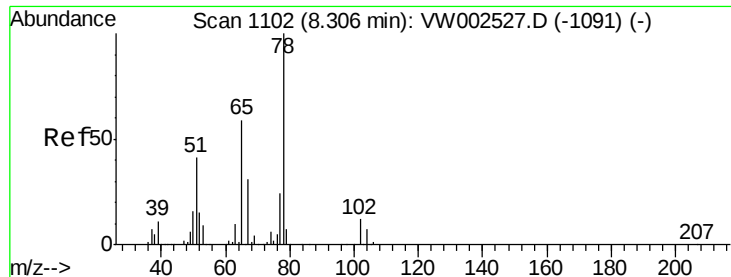
#32
1,1,1-Trichloroethane
Concen: 66.08 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 97 Resp: 217726
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 44.8 35.9 53.9



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

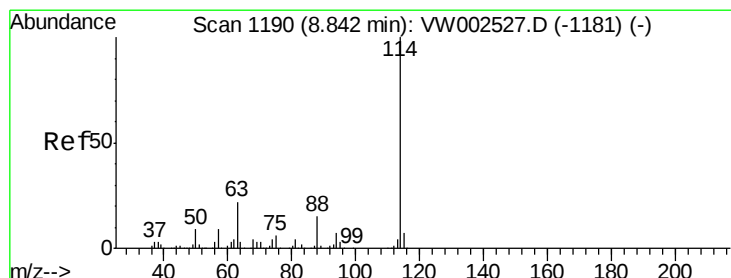
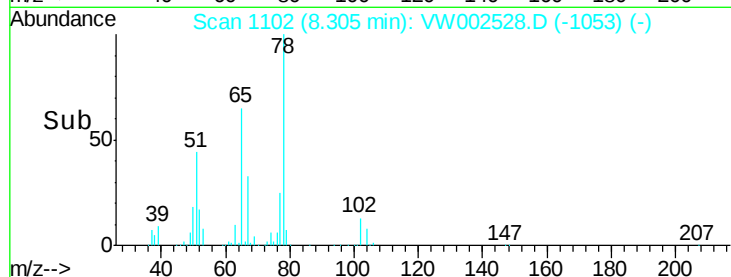
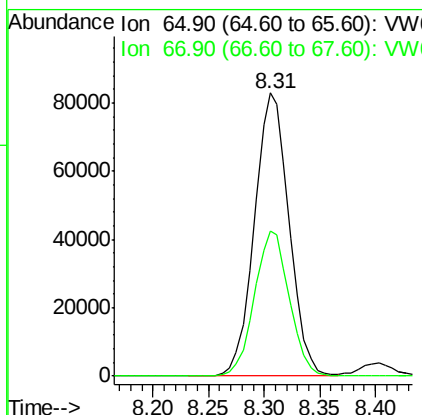
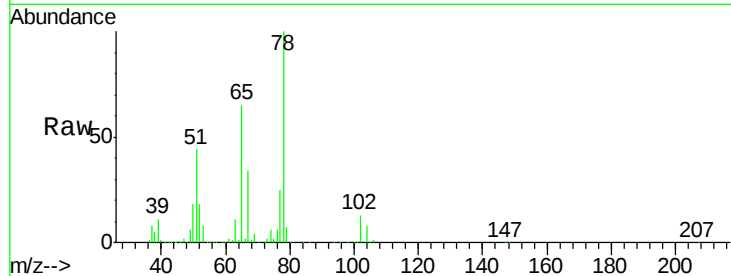




#33
 1,2-Dichloroethane-d4
 Concen: 71.42 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

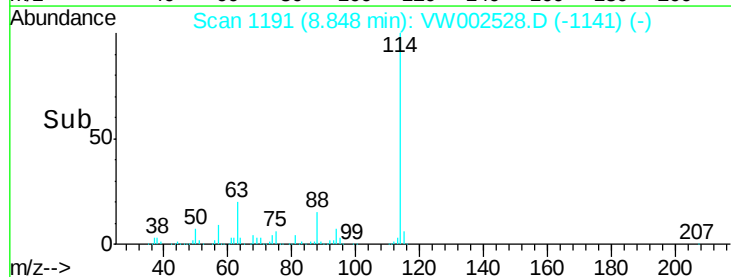
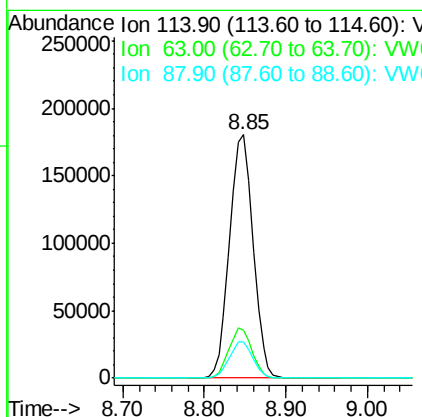
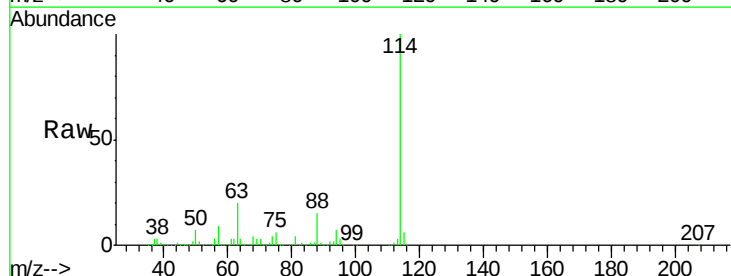
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

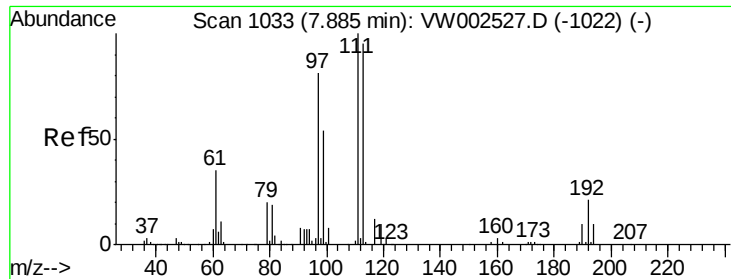
Tgt Ion: 65 Resp: 179383
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion: 114 Resp: 357929
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 15.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 72.95 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

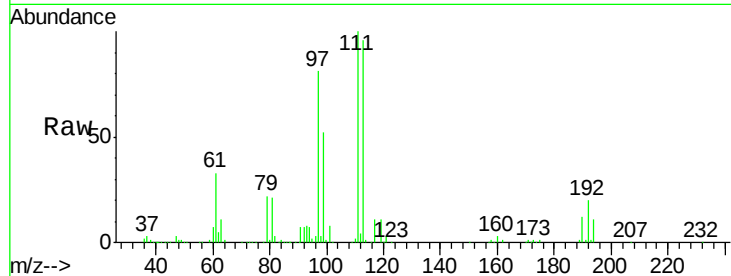
Tgt Ion:113 Resp: 166249

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

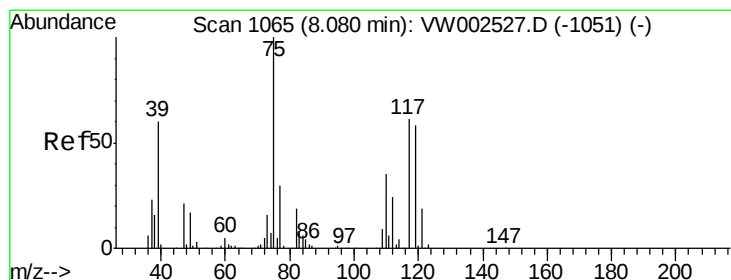
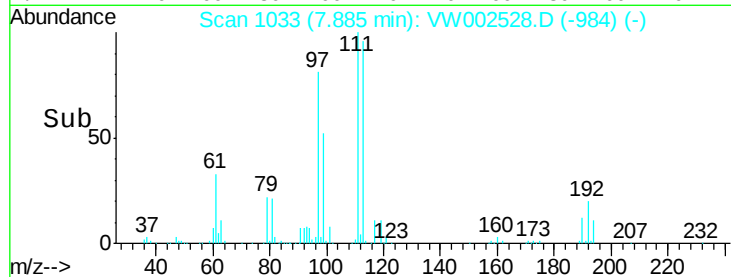
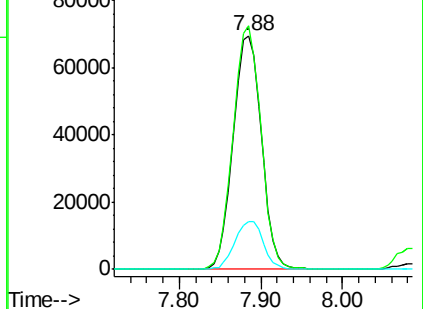
192 20.6 17.5 26.3



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: 66.28 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

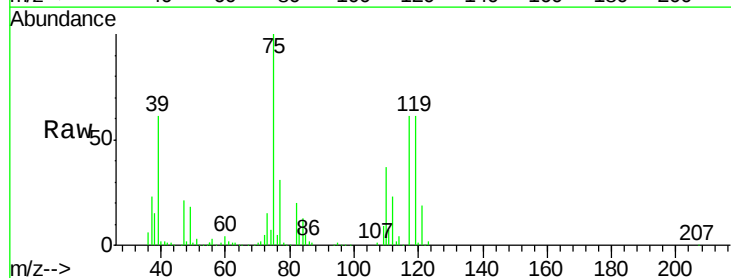
Tgt Ion: 75 Resp: 213974

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.5

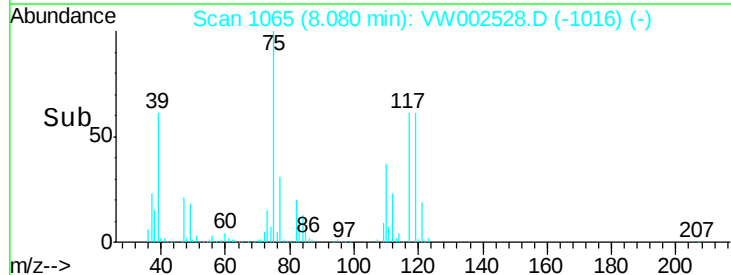
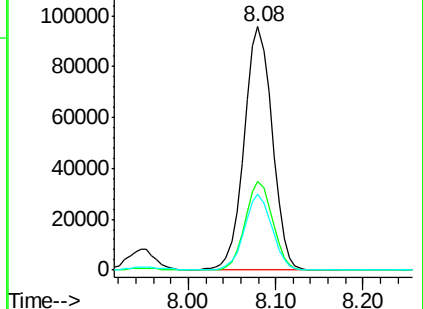
77 30.7 24.5 36.7

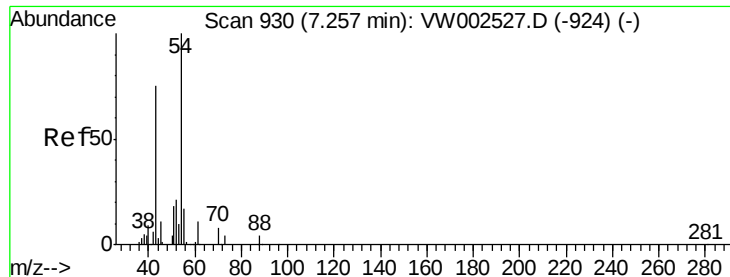


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

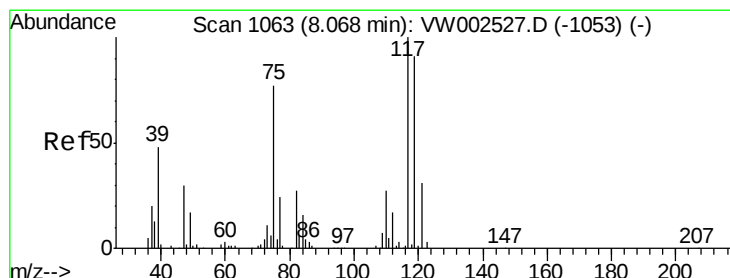
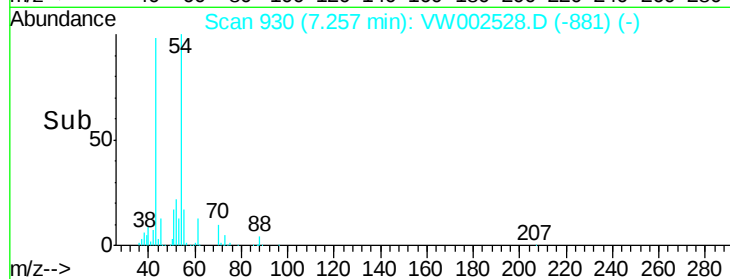
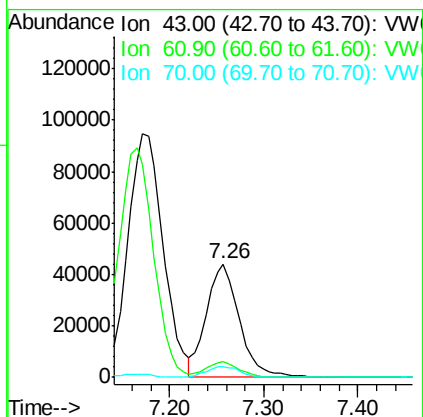
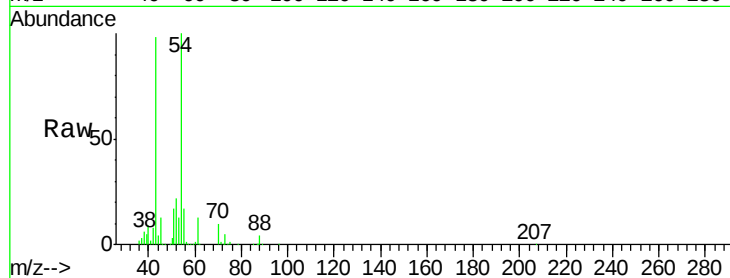




#37
 Ethyl Acetate
 Concen: 66.84 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

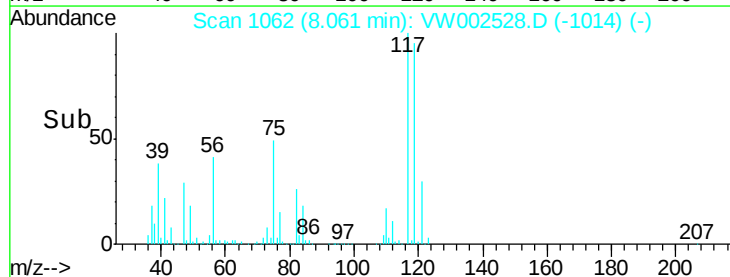
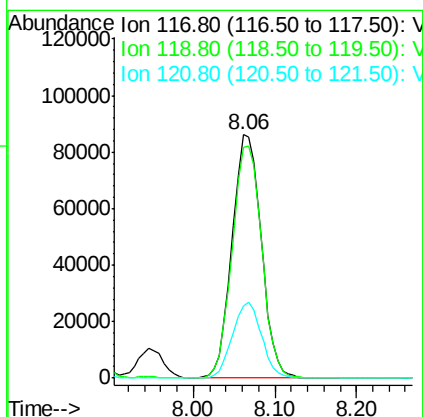
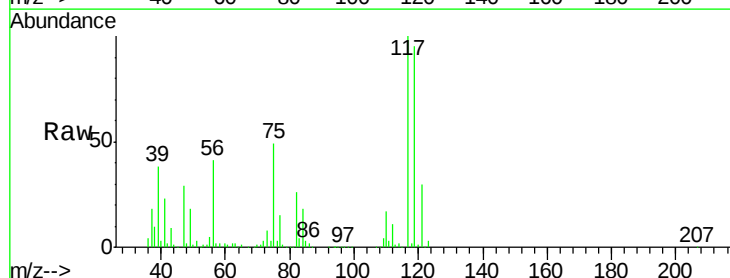
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

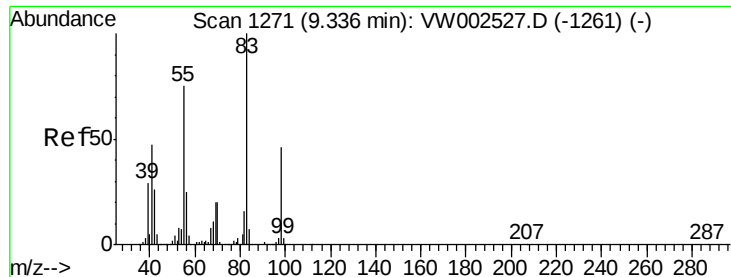
Tgt Ion: 43 Resp: 106131
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.1 16.7
 70 9.7 7.8 11.8



#38
 Carbon Tetrachloride
 Concen: 67.84 ug/l
 RT: 8.06 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion: 117 Resp: 212505
 Ion Ratio Lower Upper
 117 100
 119 94.9 73.1 109.7
 121 29.5 24.4 36.6

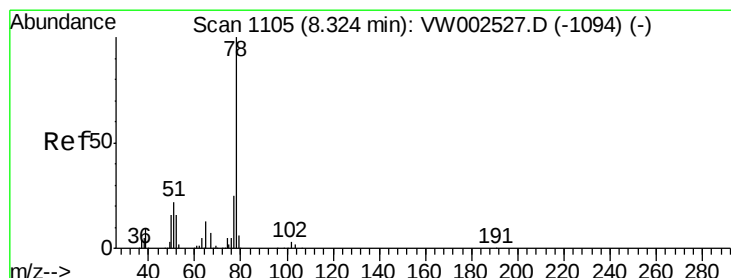
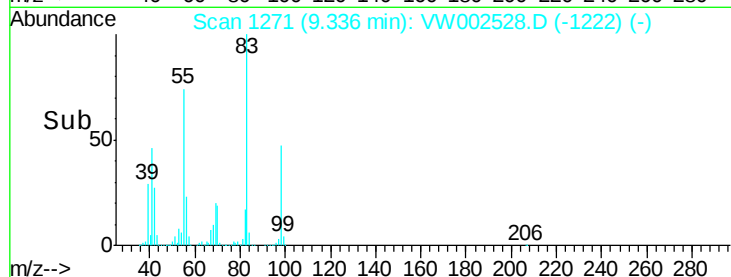
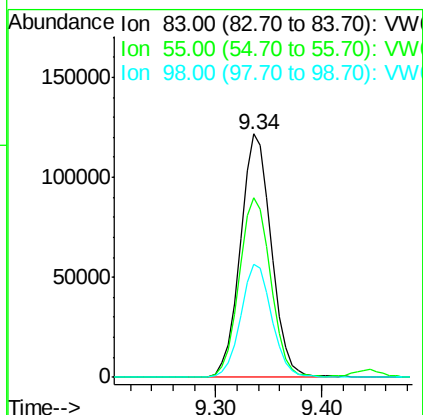
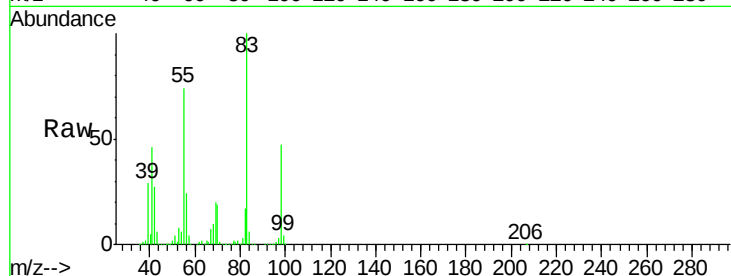




#39
Methylcyclohexane
Concen: 66.31 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

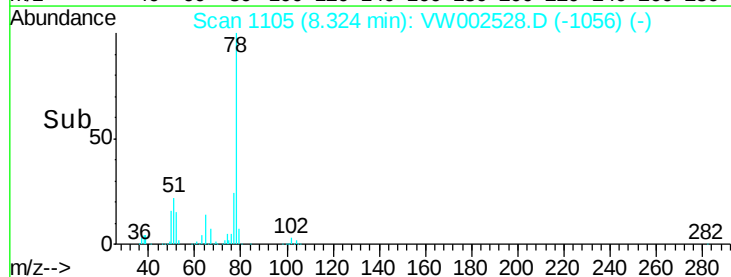
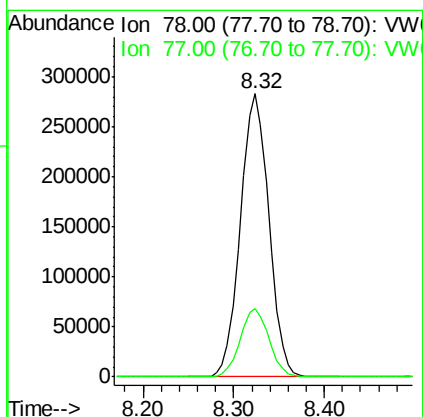
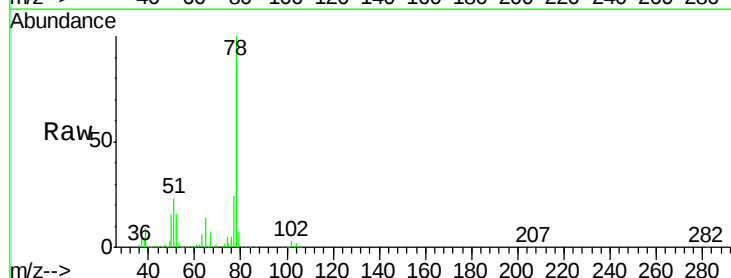
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

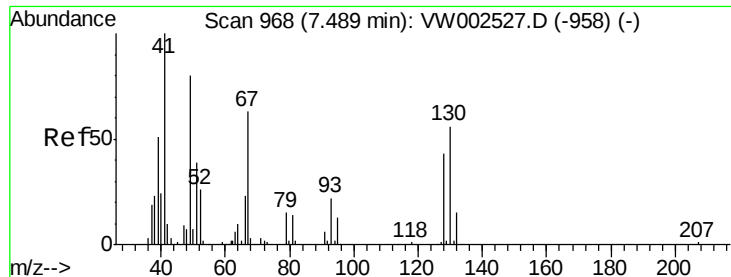
Tgt Ion: 83 Resp: 249050
Ion Ratio Lower Upper
83 100
55 73.7 60.0 90.0
98 46.5 37.0 55.4



#40
Benzene
Concen: 65.39 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 78 Resp: 614050
Ion Ratio Lower Upper
78 100
77 24.2 19.9 29.9

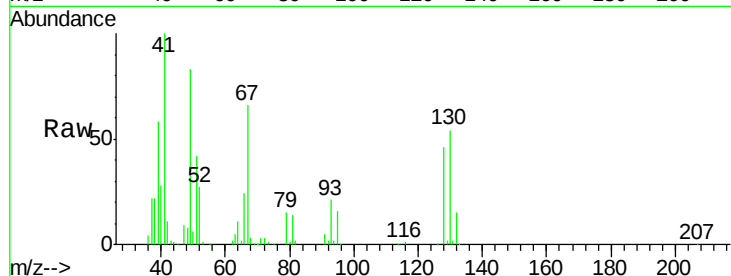




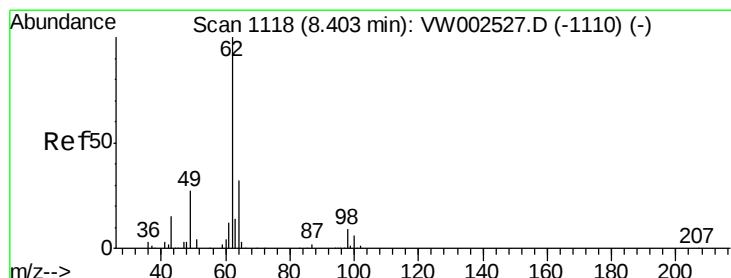
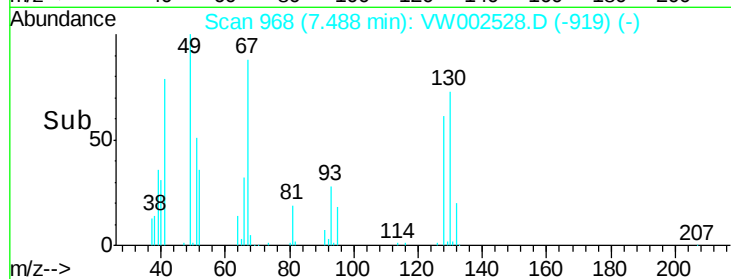
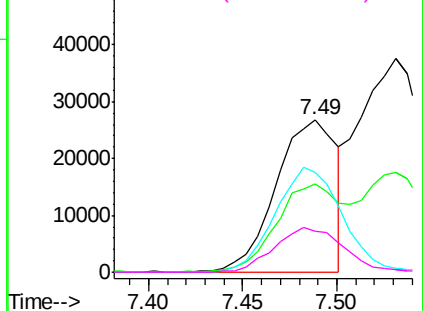
#41
Methacrylonitrile
Concen: 67.28 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	59974
Ion	Ratio	Lower	Upper
41	100		
39	64.4	51.8	77.8
67	76.1	59.9	89.9
52	33.8	26.6	39.8

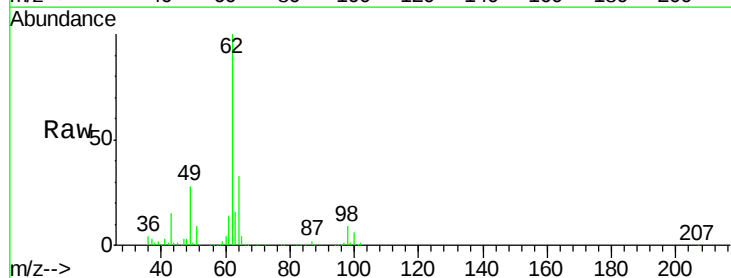


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

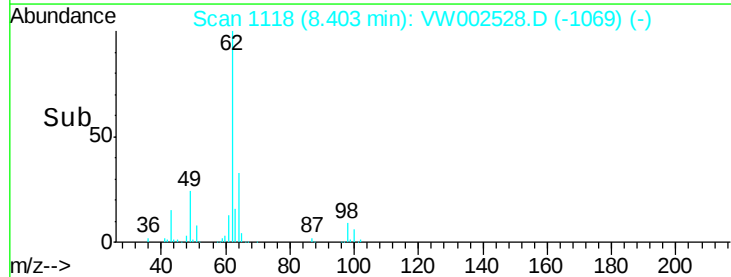
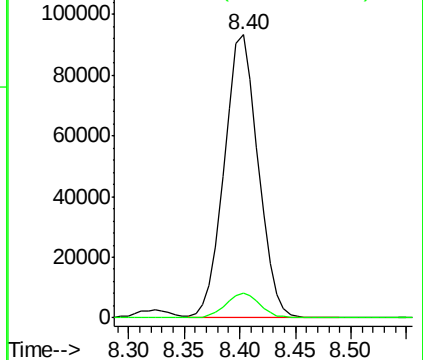


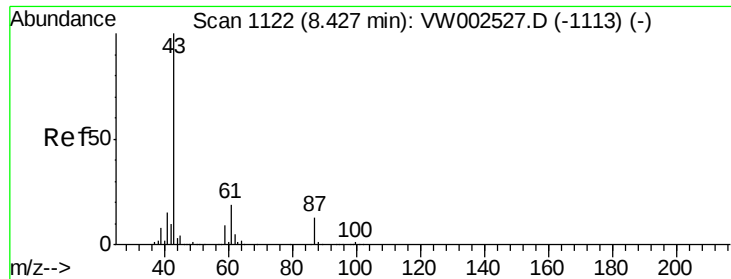
#42
1,2-Dichloroethane
Concen: 67.01 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion:	62	Resp:	197397
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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

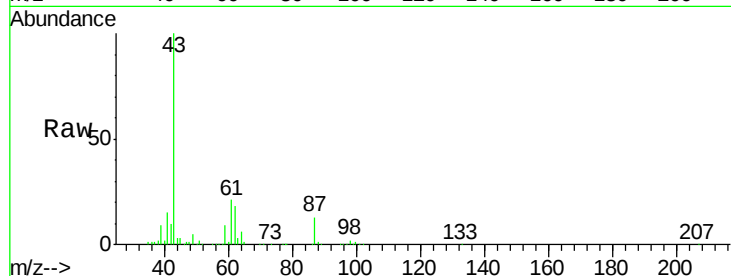




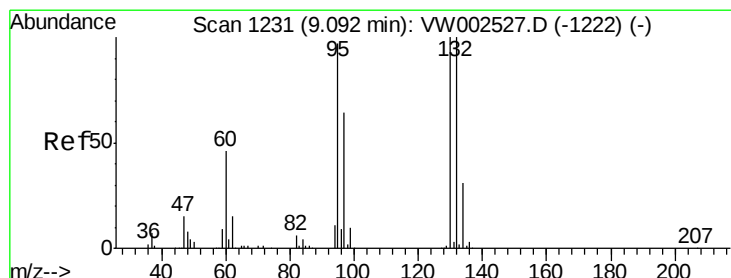
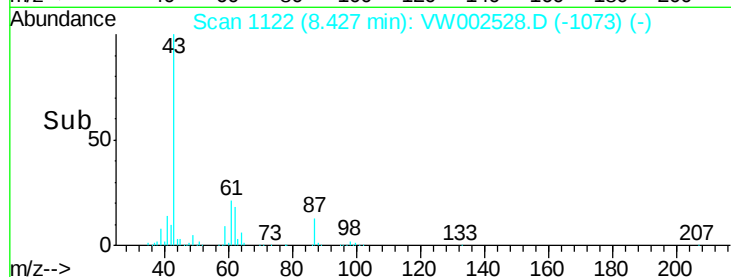
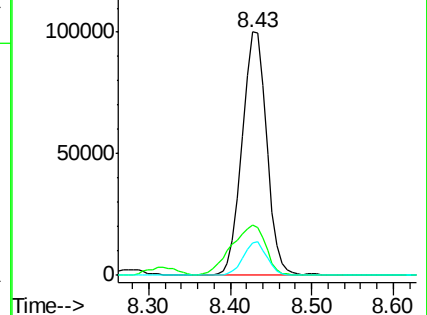
#43
Isopropyl Acetate
Concen: 69.16 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 208296
Ion Ratio Lower Upper
43 100
61 29.1 23.0 34.6
87 13.2 10.6 15.8

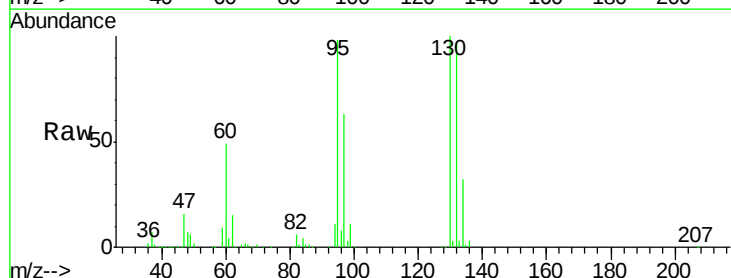


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

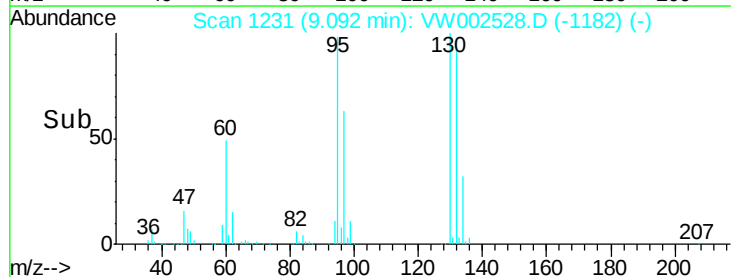
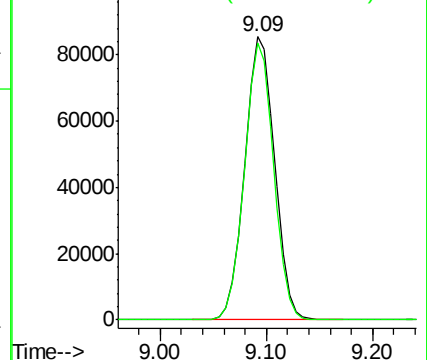


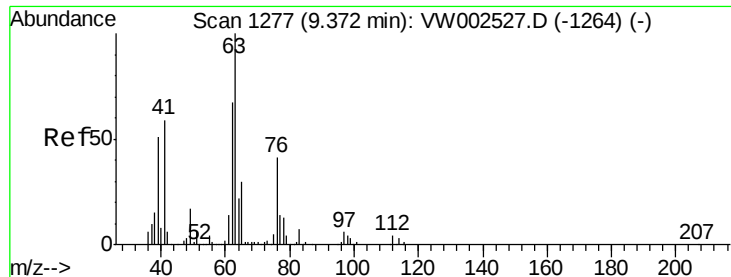
#44
Trichloroethene
Concen: 65.69 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 130 Resp: 168636
Ion Ratio Lower Upper
130 100
95 98.0 0.0 194.6



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

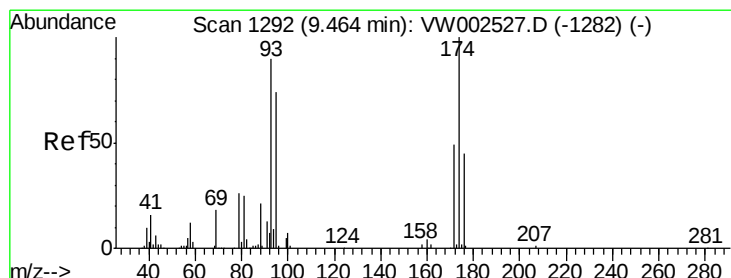
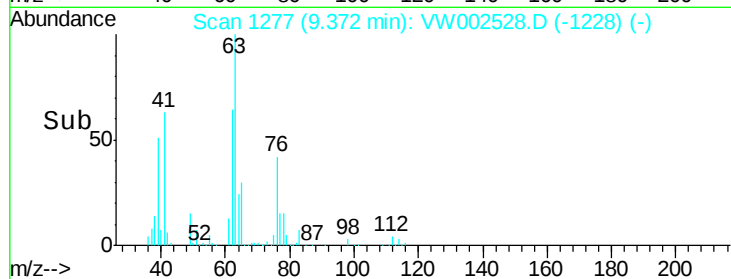
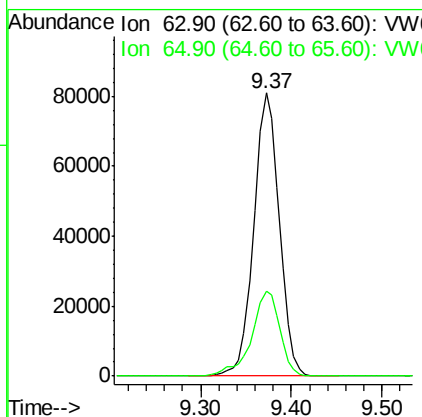
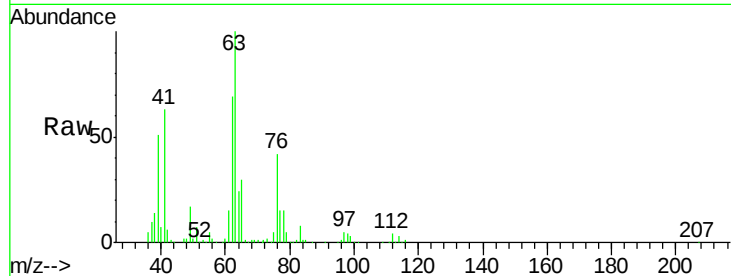




#45
 1,2-Dichloropropane
 Concen: 66.50 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

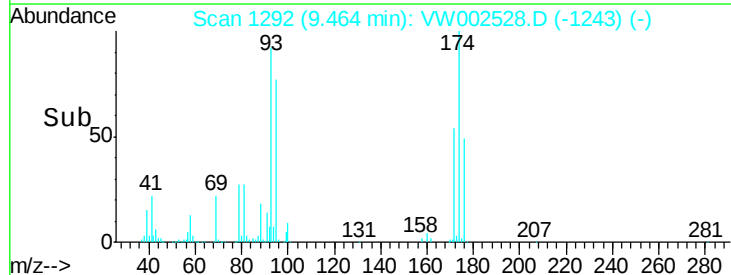
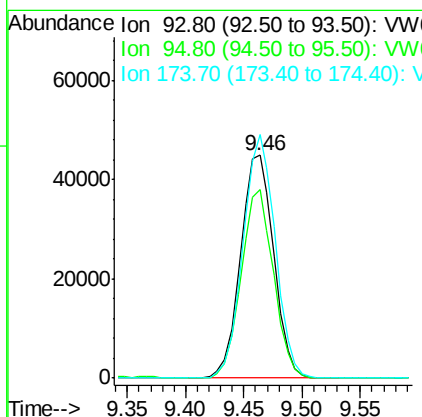
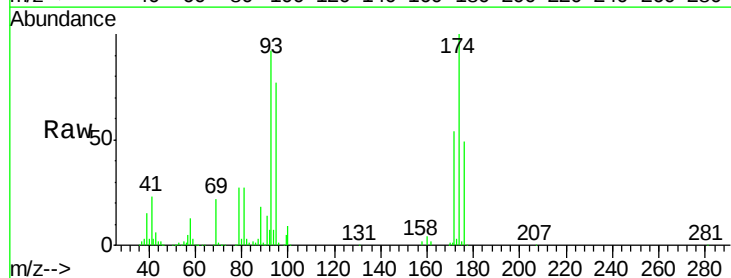
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

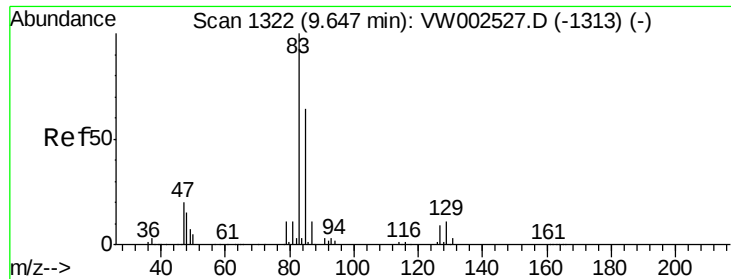
Tgt Ion: 63 Resp: 157258
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.4 36.6



#46
 Dibromomethane
 Concen: 67.34 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion: 93 Resp: 89281
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 100.0
 174 105.8 84.0 126.0





#47

Bromodichloromethane

Concen: 69.86 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

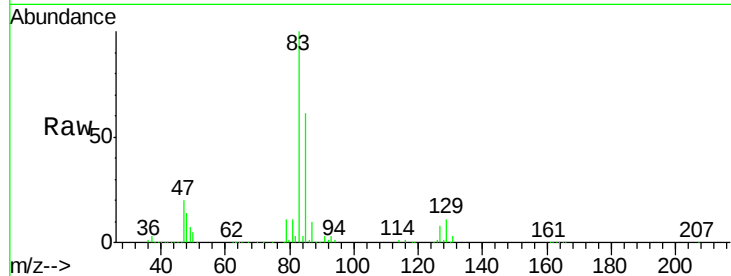
Tgt Ion: 83 Resp: 218119

Ion Ratio Lower Upper

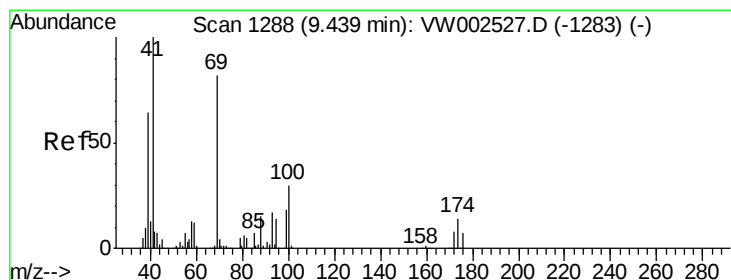
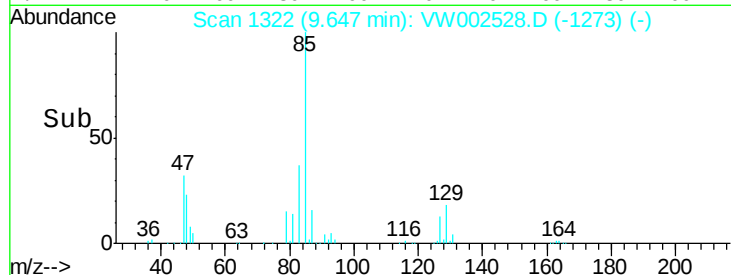
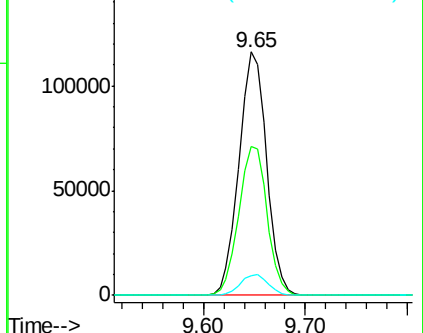
83 100

85 61.2 51.4 77.2

127 8.2 7.0 10.4



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



#48

Methyl methacrylate

Concen: 70.14 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

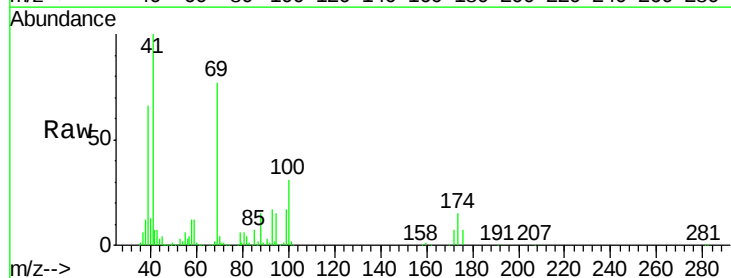
Tgt Ion: 41 Resp: 102398

Ion Ratio Lower Upper

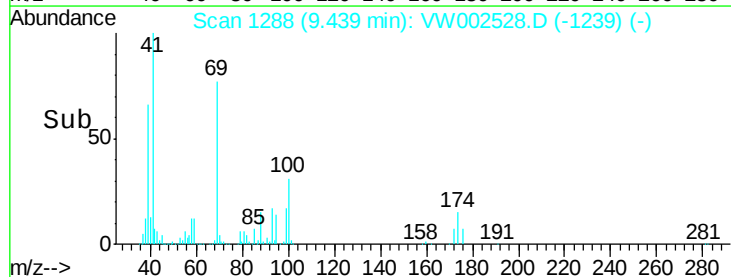
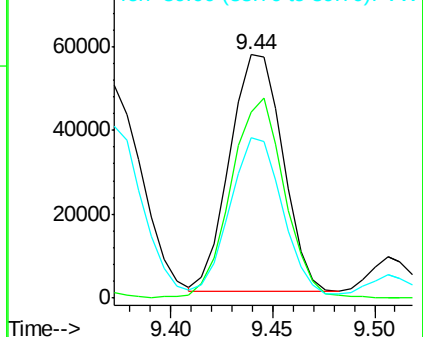
41 100

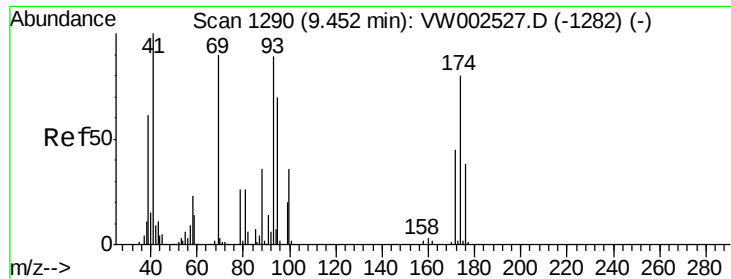
69 84.8 69.7 104.5

39 68.1 55.0 82.4



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

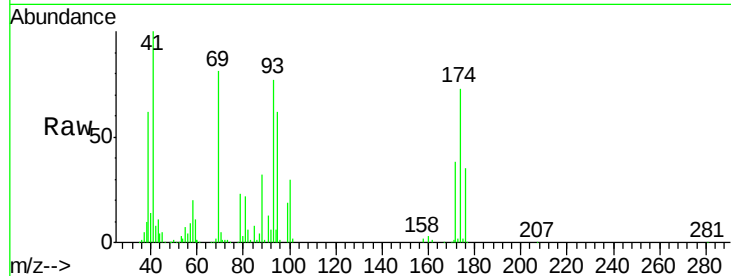




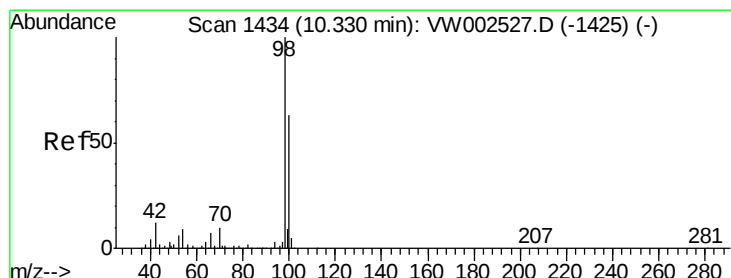
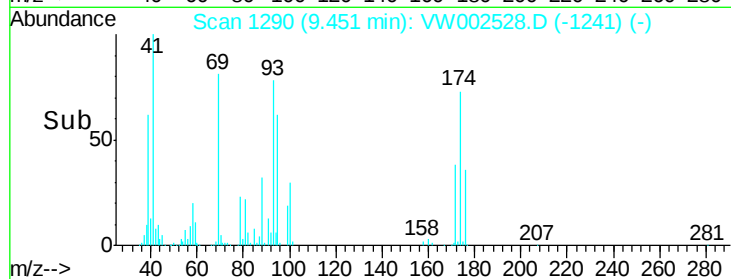
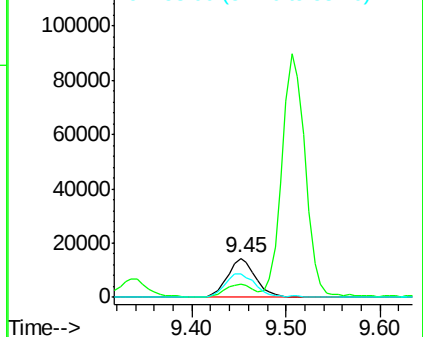
#49
1,4-Dioxane
Concen: 1364.41 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 88 Resp: 29187
Ion Ratio Lower Upper
88 100
43 31.0 27.0 40.4
58 67.9 56.9 85.3

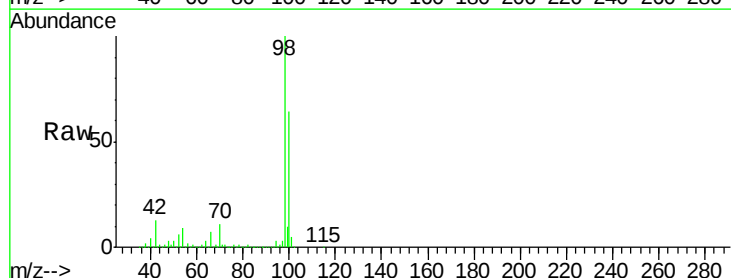


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

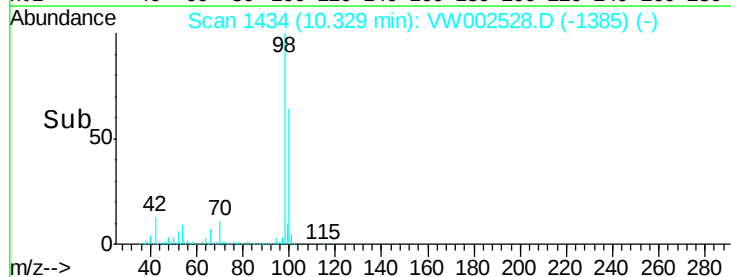
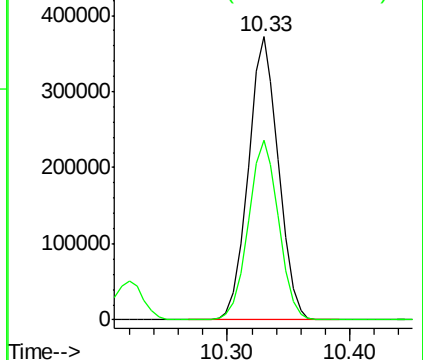


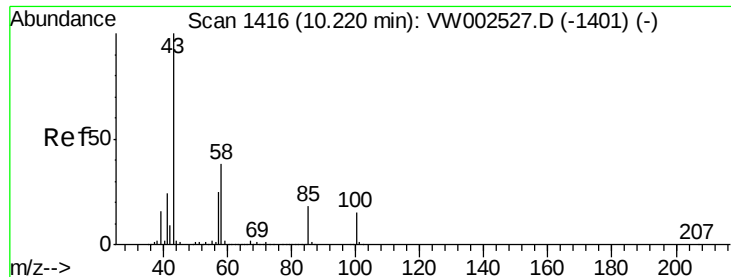
#50
Toluene-d8
Concen: 72.96 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 98 Resp: 635539
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.4



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

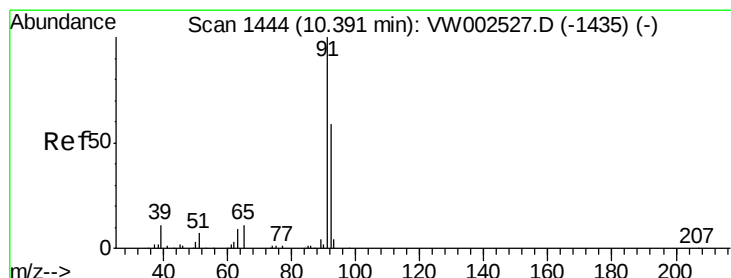
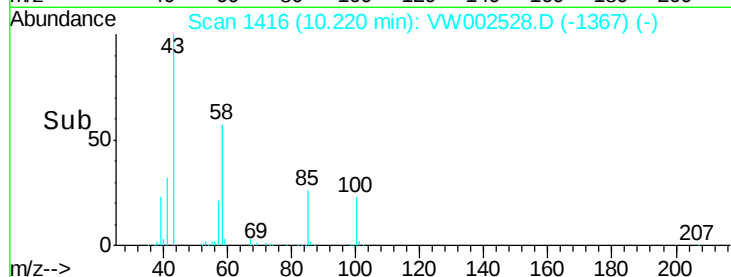
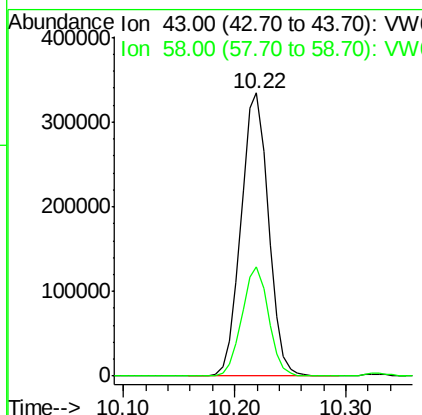
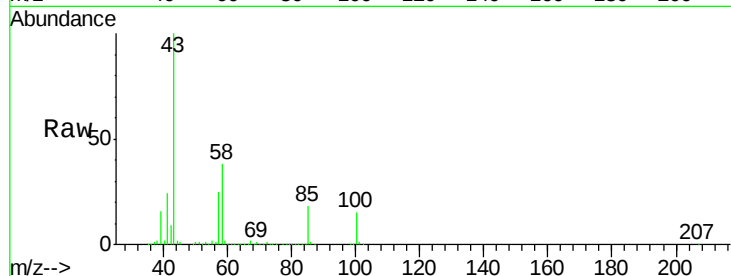




#51
 4-Methyl-2-Pentanone
 Concen: 343.39 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

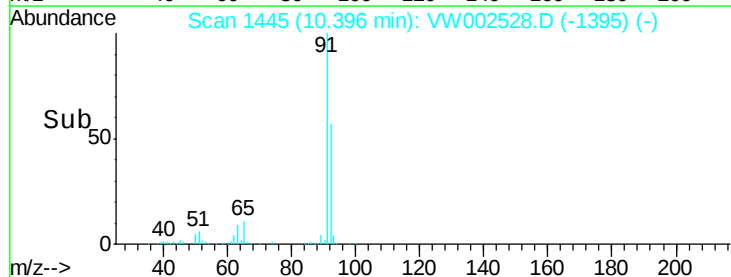
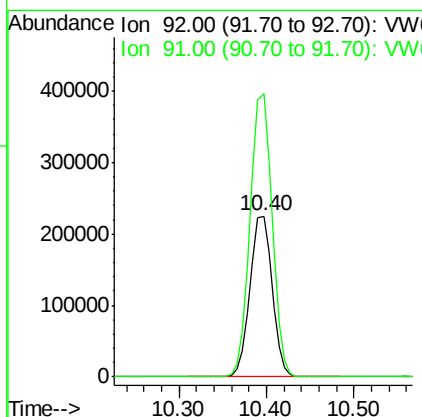
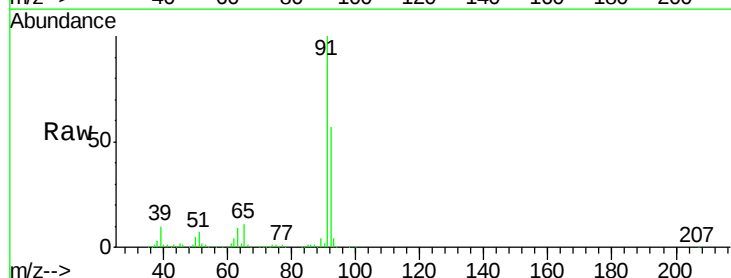
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

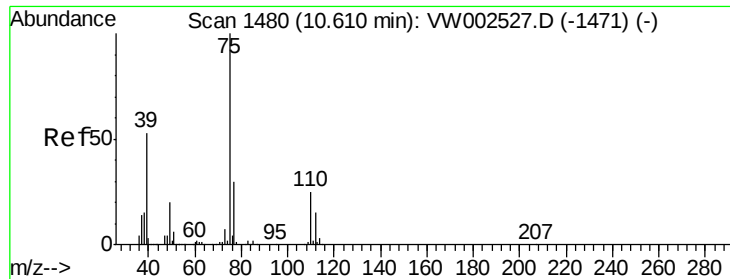
Tgt Ion: 43 Resp: 572914
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.1 45.1



#52
 Toluene
 Concen: 66.37 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion: 92 Resp: 395771
 Ion Ratio Lower Upper
 92 100
 91 175.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 71.12 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampled :

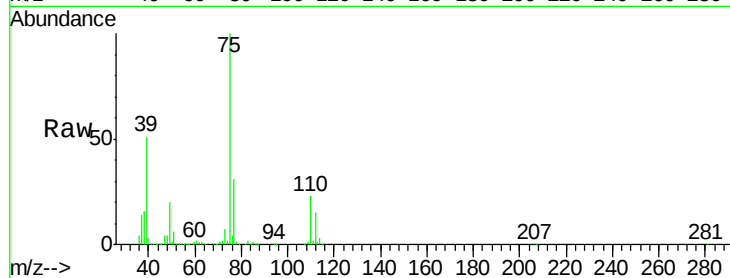
VSTDIC075

Tgt Ion: 75 Resp: 220088

Ion Ratio Lower Upper

75 100

77 31.3 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

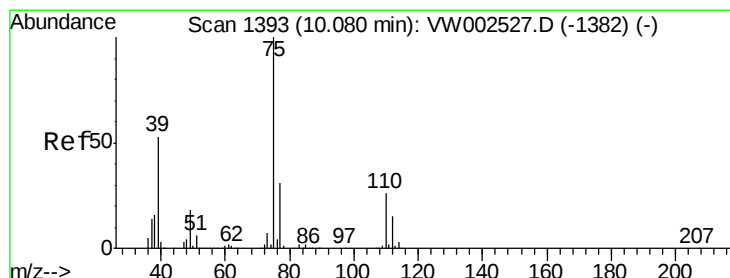
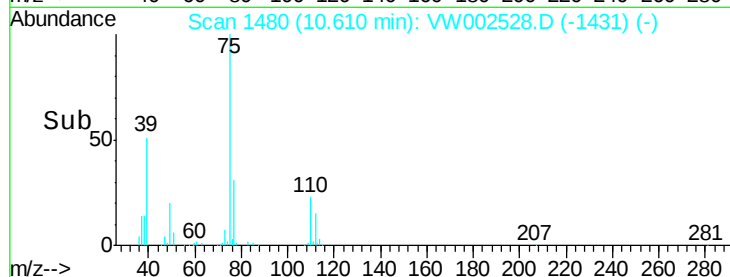
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 69.62 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

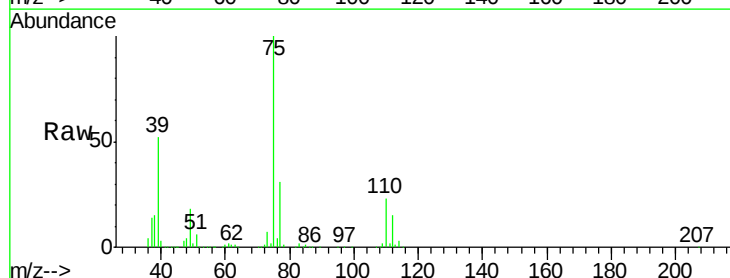
Tgt Ion: 75 Resp: 244738

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 51.7 42.5 63.7



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

10.08

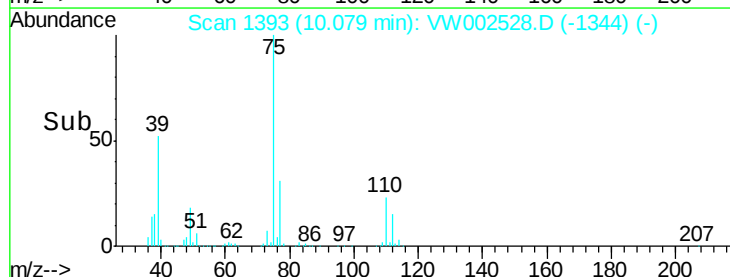
150000

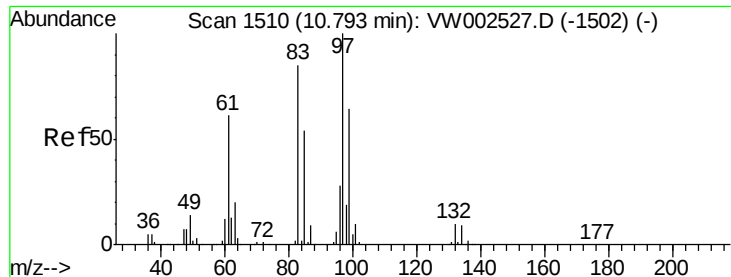
100000

50000

0

Time--> 10.00 10.05 10.10 10.15





#55

1,1,2-Trichloroethane

Concen: 66.38 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 97 Resp: 124053

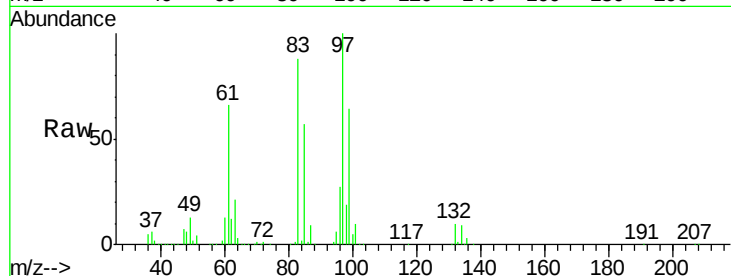
Ion Ratio Lower Upper

97 100

83 88.1 68.1 102.1

85 57.1 43.6 65.4

99 64.4 51.2 76.8

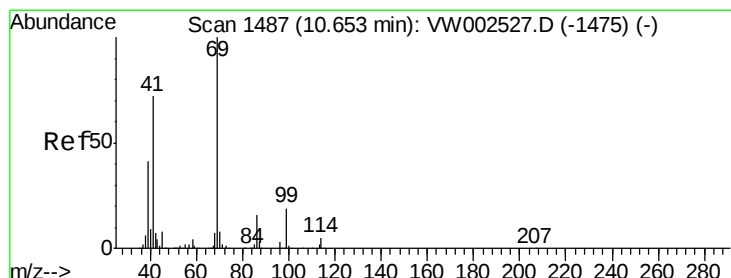
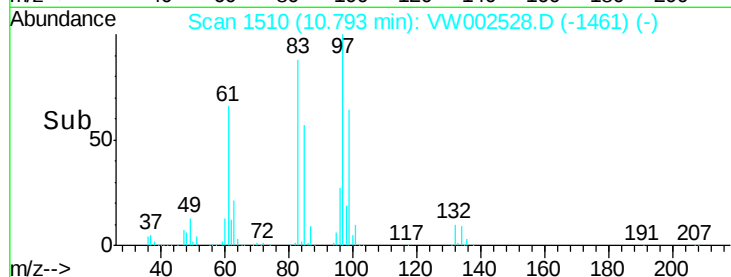
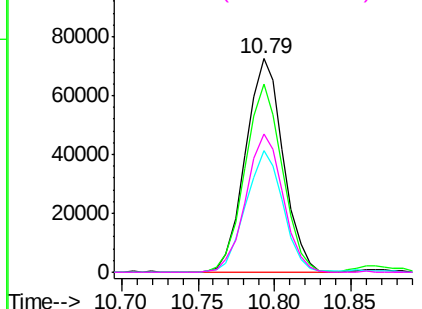


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 70.57 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

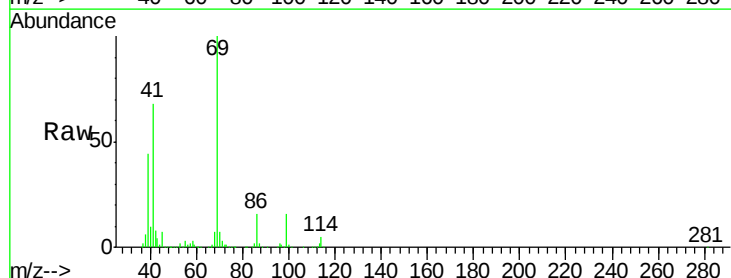
Tgt Ion: 69 Resp: 163258

Ion Ratio Lower Upper

69 100

41 69.3 55.3 82.9

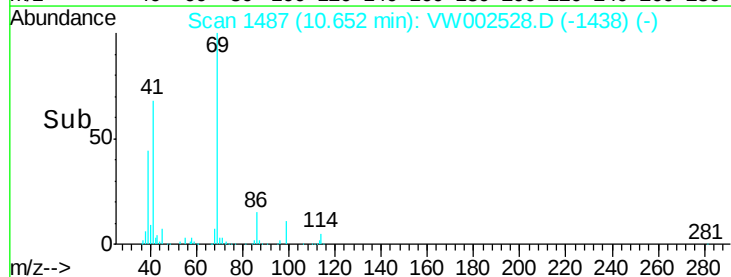
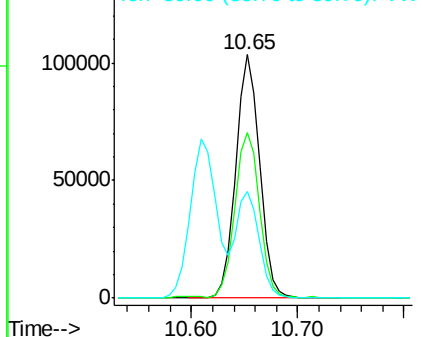
39 41.7 33.0 49.6

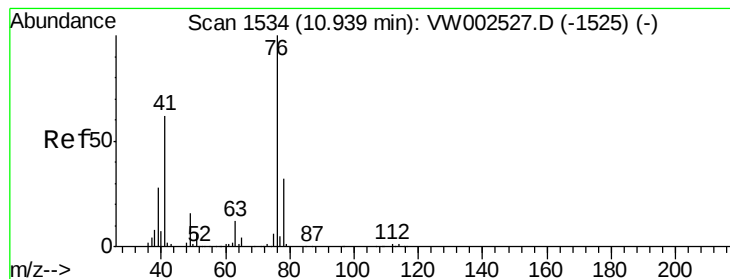


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 66.98 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

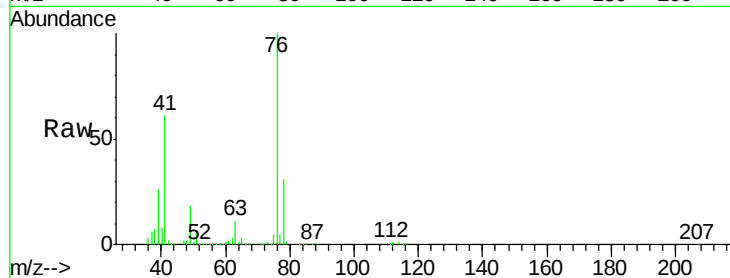
VSTDIC075

Tgt Ion: 76 Resp: 212393

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

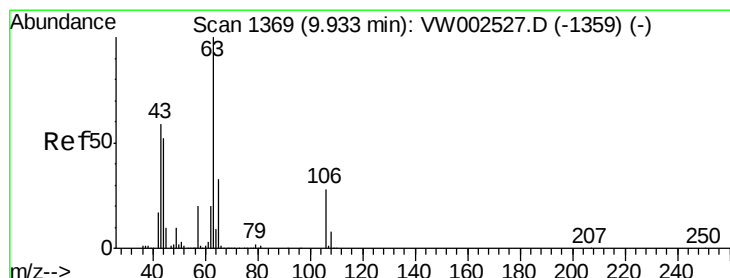
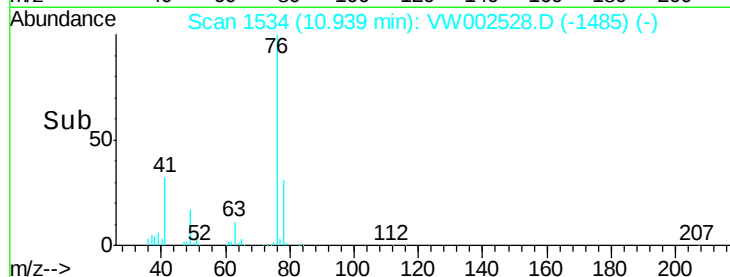
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 353.10 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002528.D

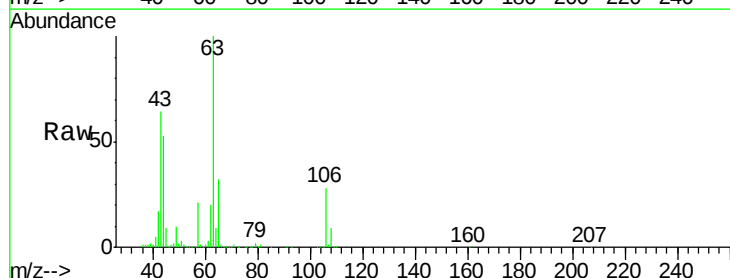
Acq: 14 May 2018 22:31

Tgt Ion: 63 Resp: 397093

Ion Ratio Lower Upper

63 100

106 28.1 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

250000

200000

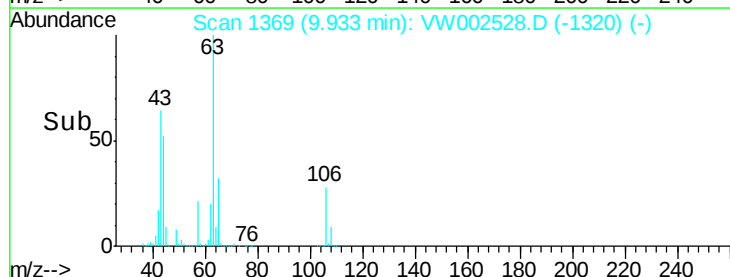
150000

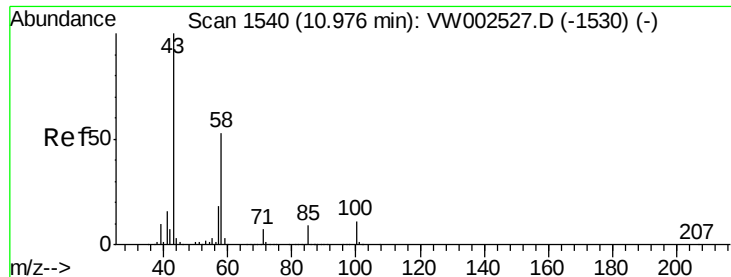
100000

50000

0

Time-->

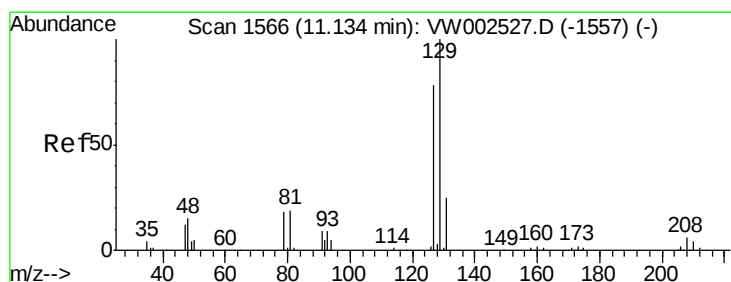
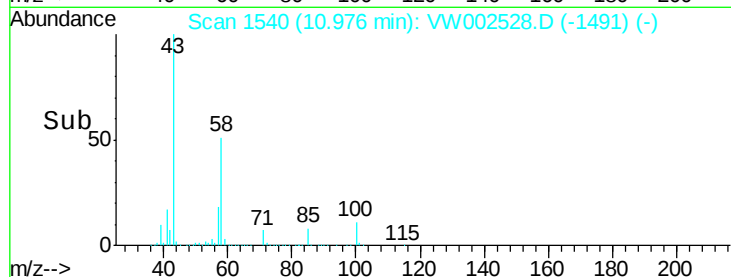
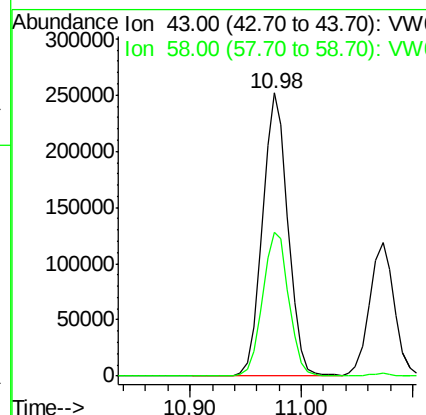
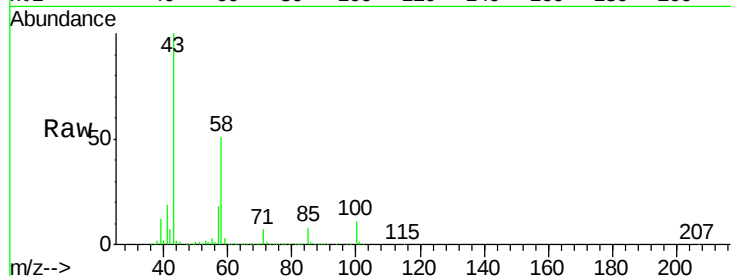




#59
2-Hexanone
Concen: 350.57 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

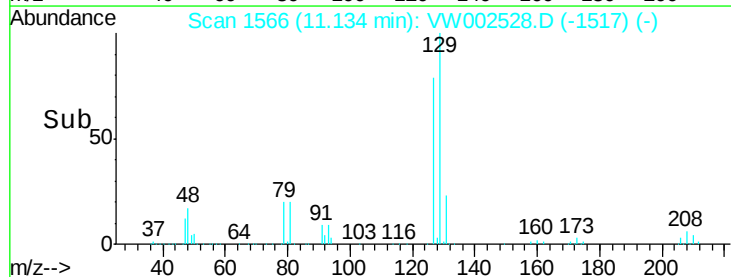
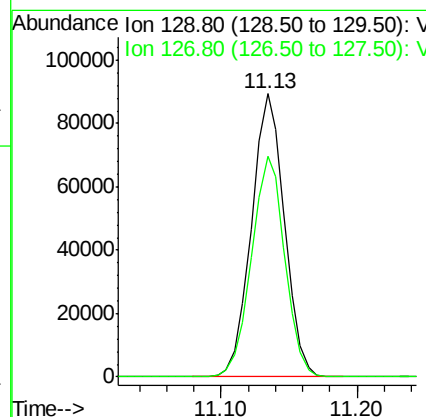
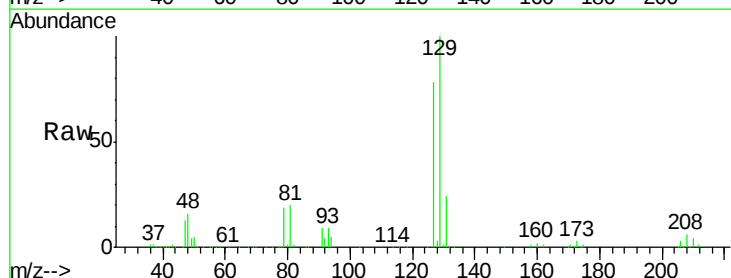
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

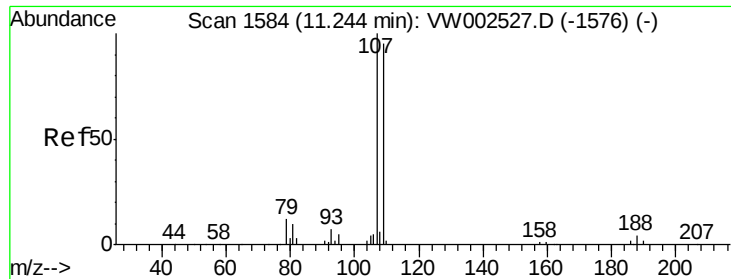
Tgt Ion: 43 Resp: 400769
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.8



#60
Dibromochloromethane
Concen: 68.85 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 129 Resp: 152019
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

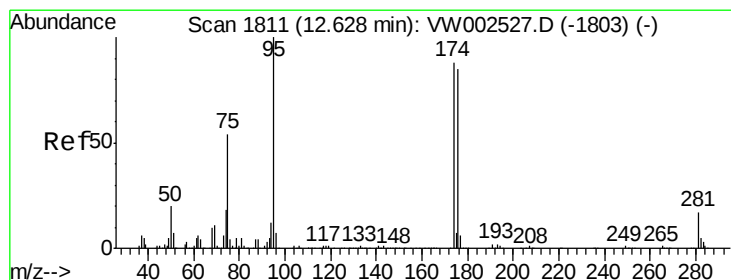
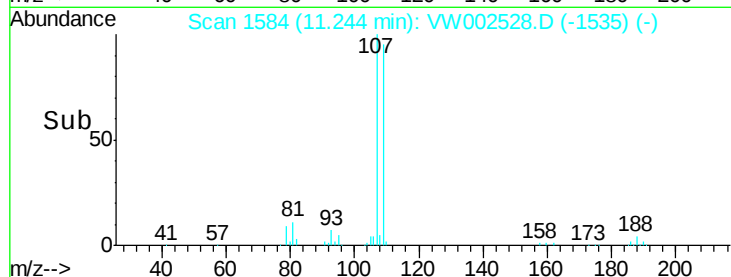
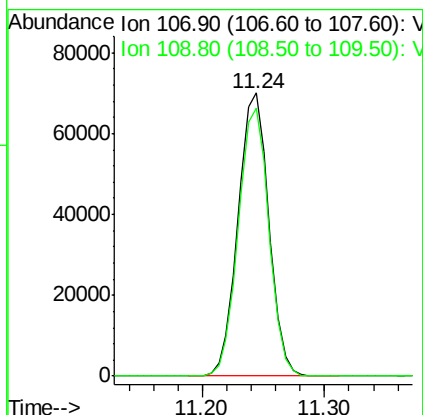
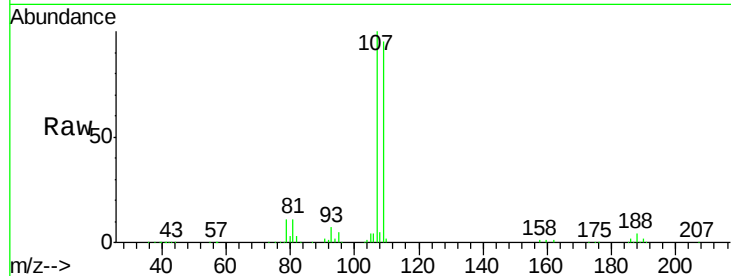




#61
 1,2-Dibromoethane
 Concen: 67.13 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

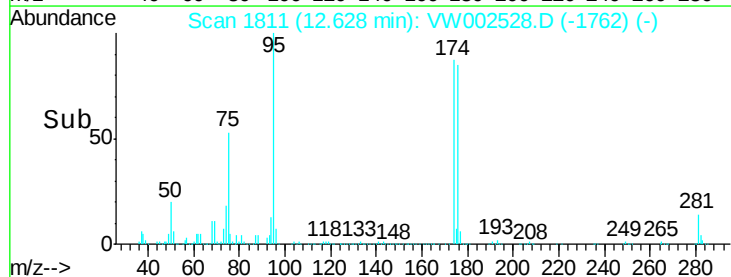
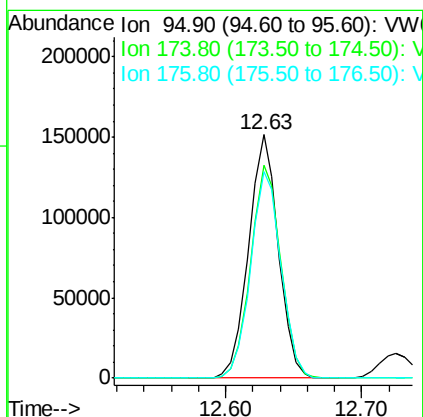
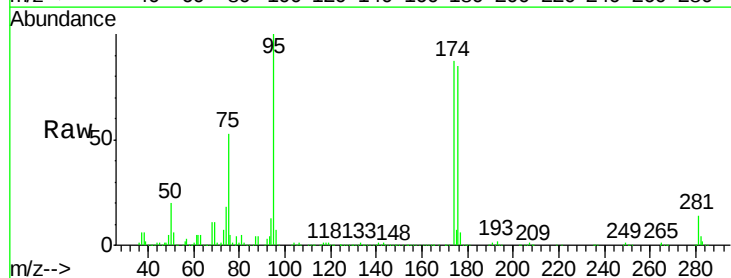
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

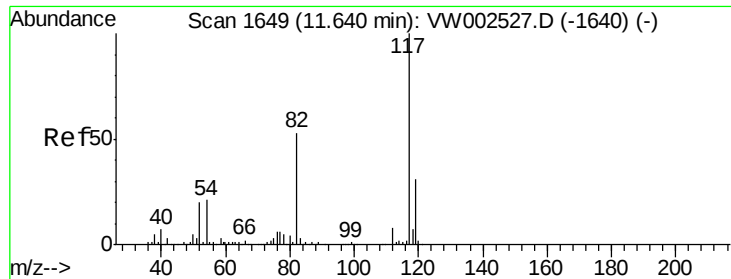
Tgt Ion: 107 Resp: 122210
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 73.72 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion: 95 Resp: 232198
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 176.6
 176 86.5 0.0 172.2

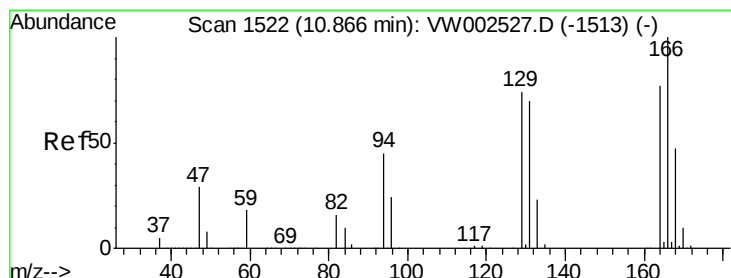
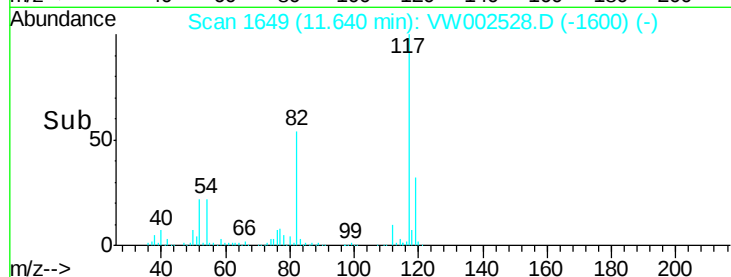
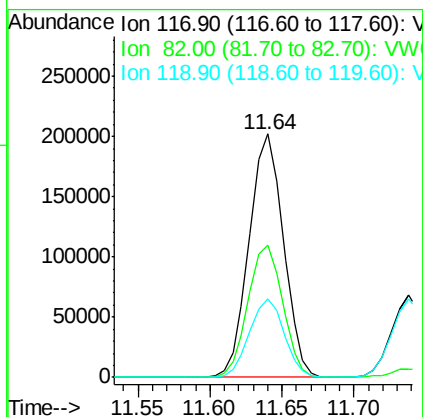
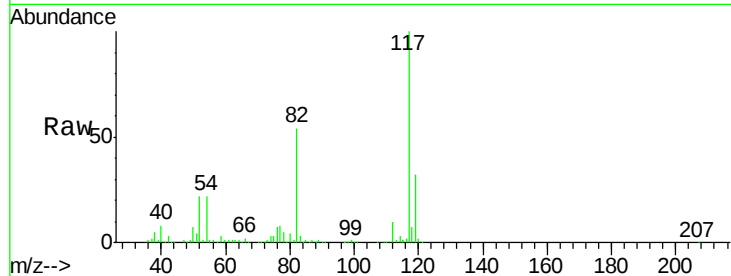




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

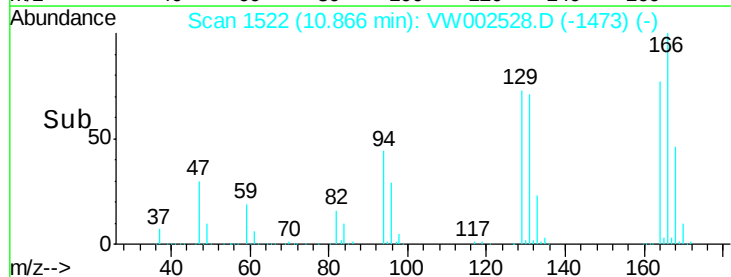
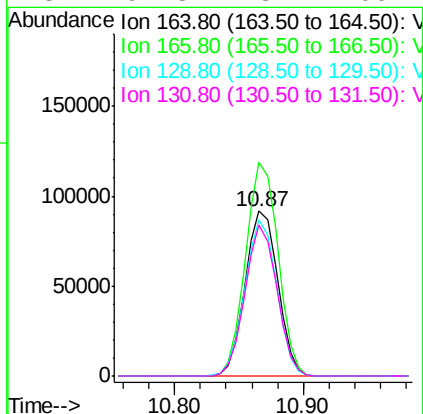
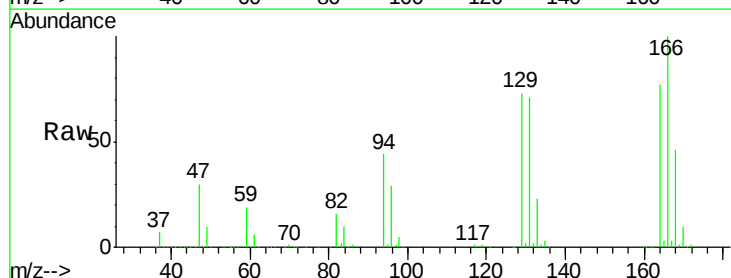
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

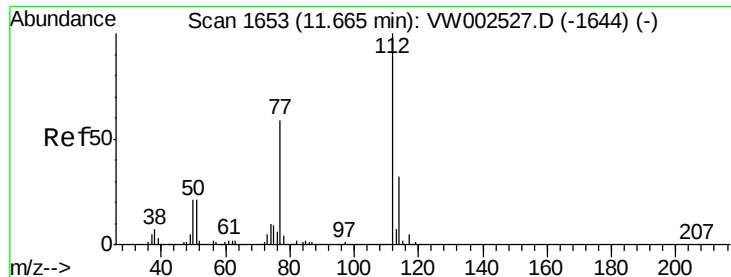
Tgt Ion:117 Resp: 334233
Ion Ratio Lower Upper
117 100
82 54.4 42.6 64.0
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 63.44 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion:164 Resp: 160959
Ion Ratio Lower Upper
164 100
166 129.5 104.2 156.2
129 95.0 77.0 115.4
131 91.8 73.1 109.7





#65

Chlorobenzene

Concen: 66.17 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

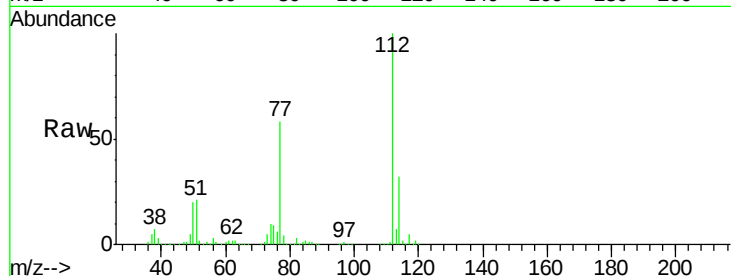
VSTDIC075

Tgt Ion:112 Resp: 449473

Ion Ratio Lower Upper

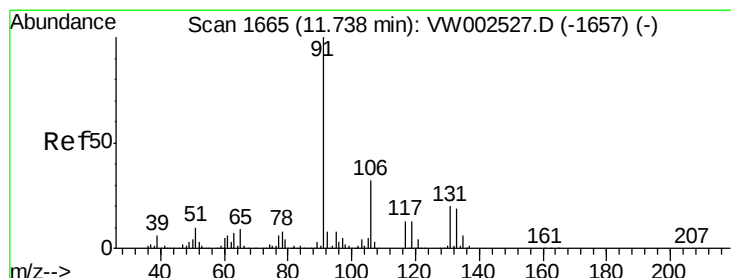
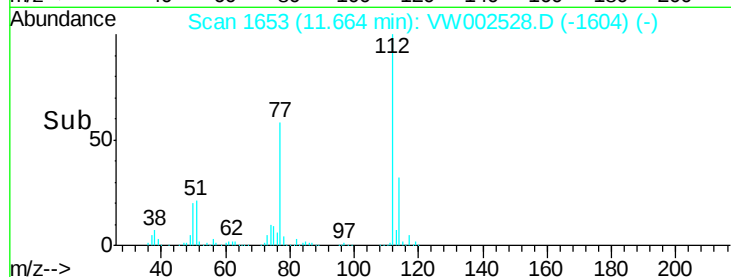
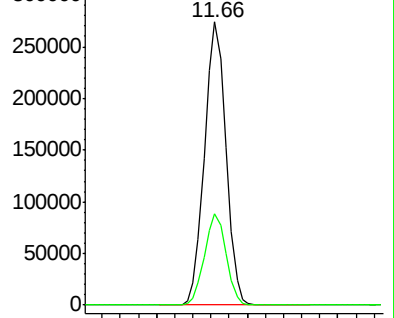
112 100

114 32.4 25.3 37.9



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: 69.21 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

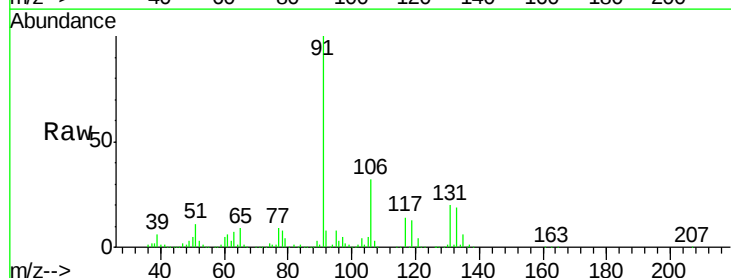
Tgt Ion:131 Resp: 167981

Ion Ratio Lower Upper

131 100

133 94.5 48.4 145.3

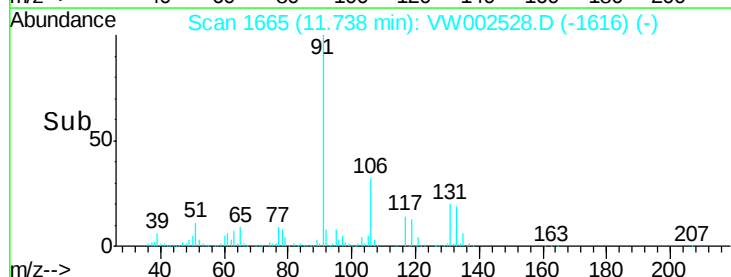
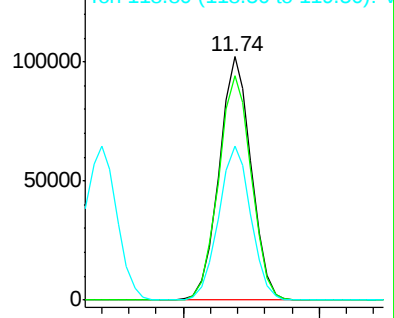
119 64.2 32.2 96.6

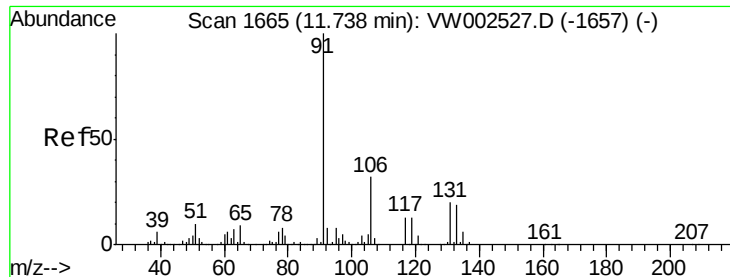


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

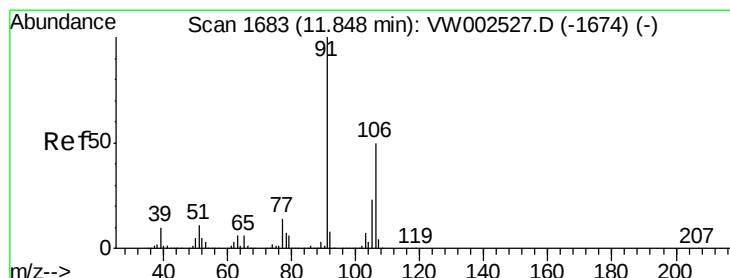
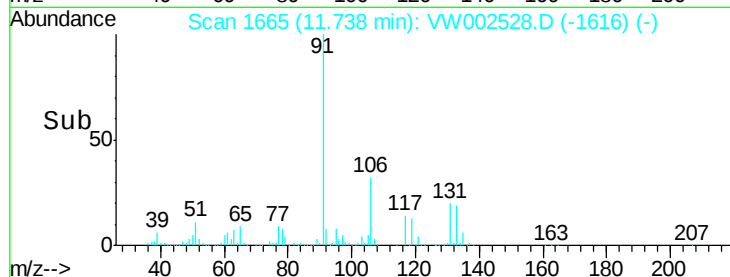
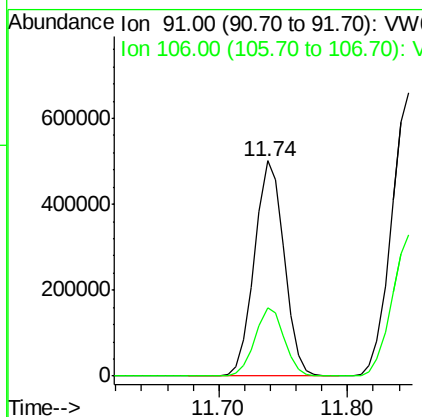
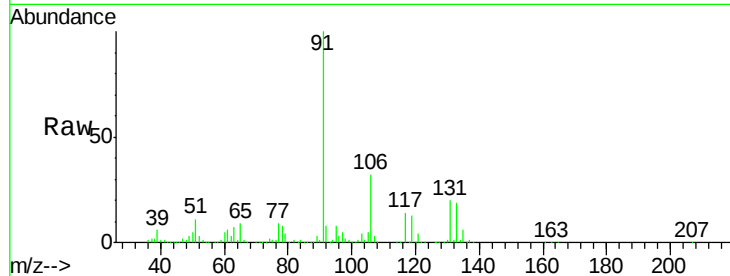




#67
Ethyl Benzene
Concen: 67.91 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

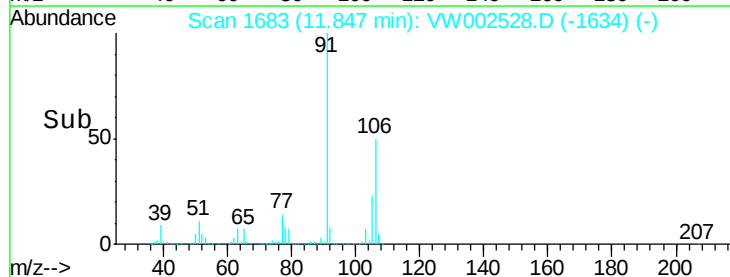
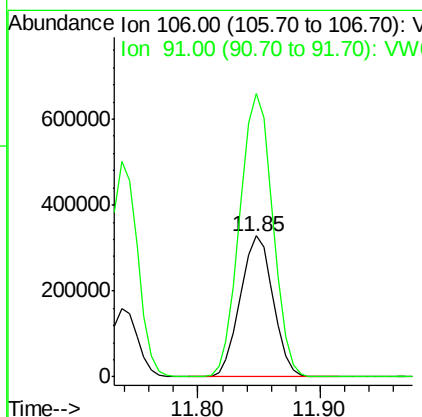
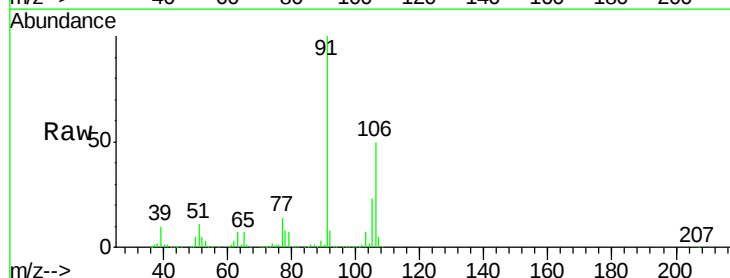
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

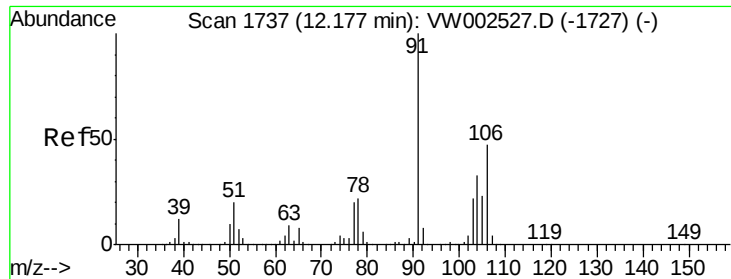
Tgt Ion: 91 Resp: 794655
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



#68
m/p-Xylenes
Concen: 135.59 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion: 106 Resp: 611676
Ion Ratio Lower Upper
106 100
91 202.1 161.4 242.2

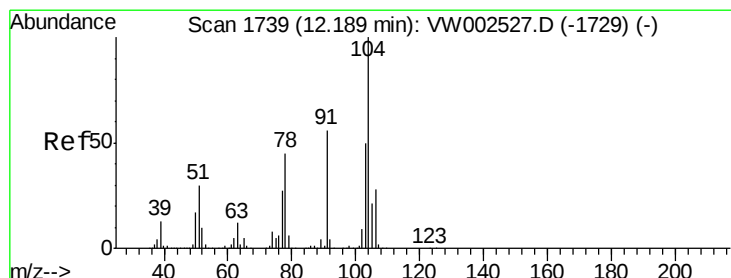
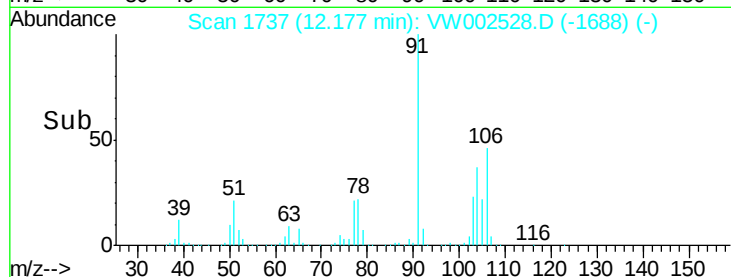
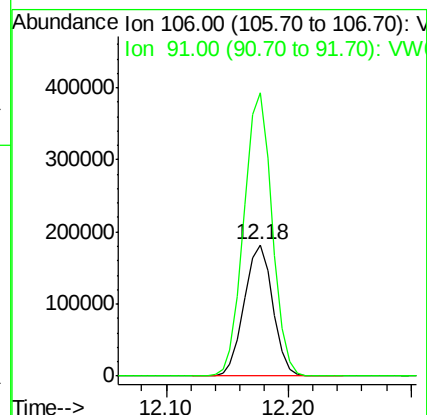
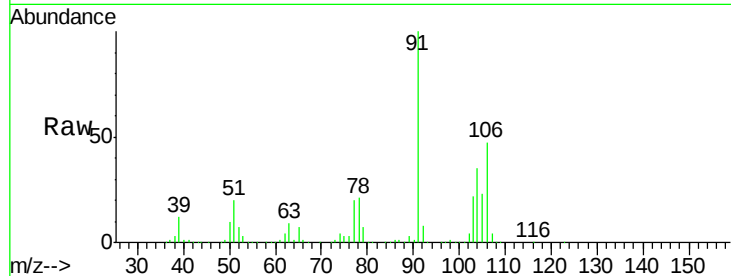




#69
o-Xylene
Concen: 68.60 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

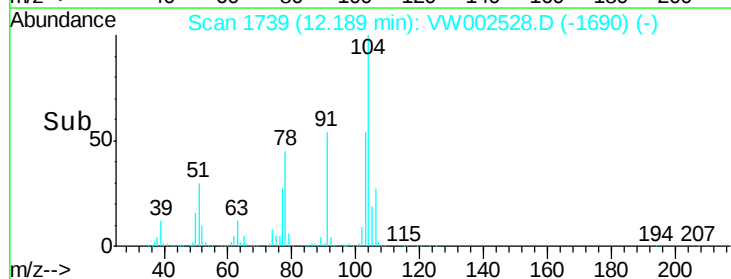
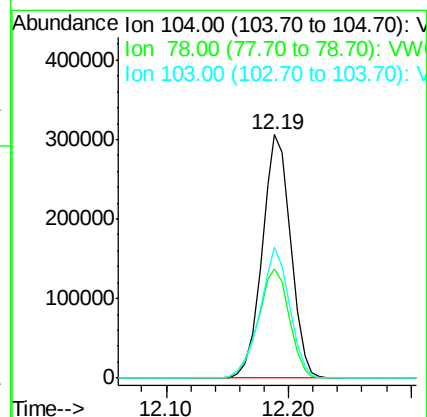
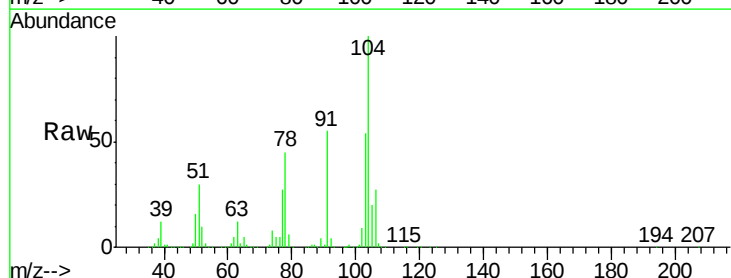
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

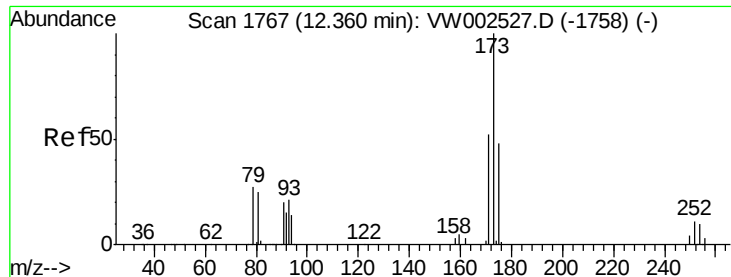
Tgt Ion:106 Resp: 294457
Ion Ratio Lower Upper
106 100
91 213.0 106.7 320.2



#70
Styrene
Concen: 69.62 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion:104 Resp: 495739
Ion Ratio Lower Upper
104 100
78 49.6 40.1 60.1
103 56.0 44.6 66.8

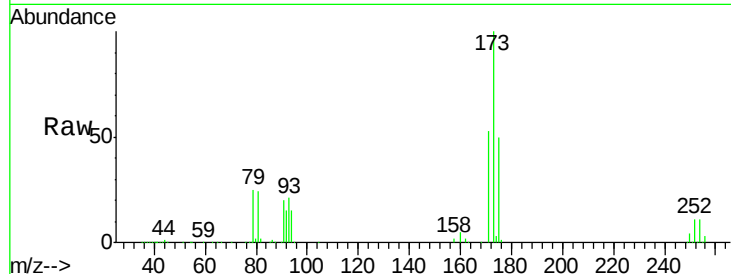




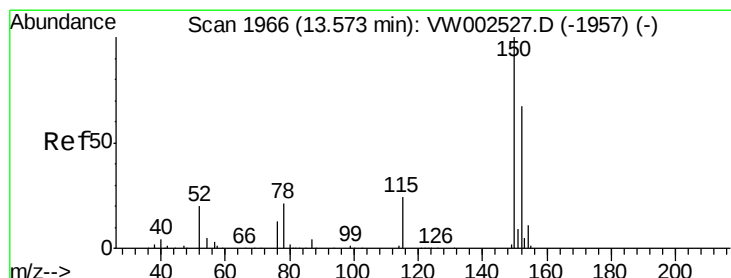
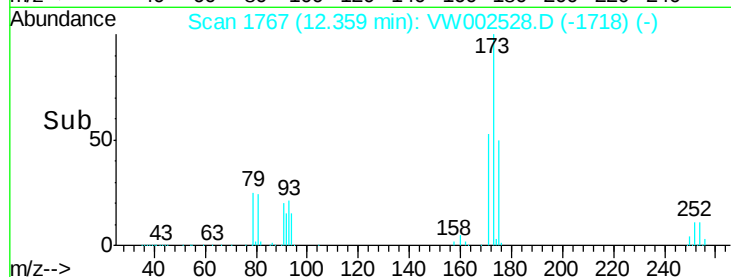
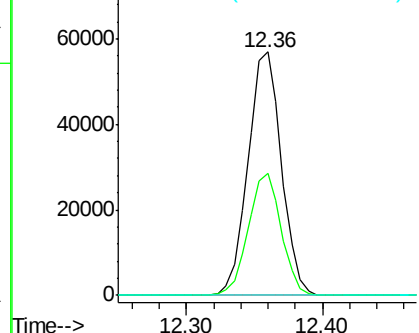
#71
Bromoform
Concen: 69.68 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:173 Resp: 97743
Ion Ratio Lower Upper
173 100
175 49.4 24.5 73.5
254 0.2 0.1 0.1#

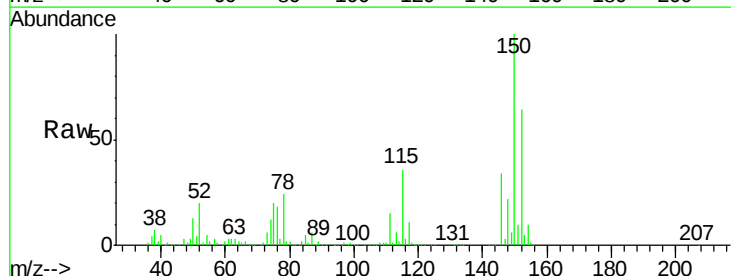


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

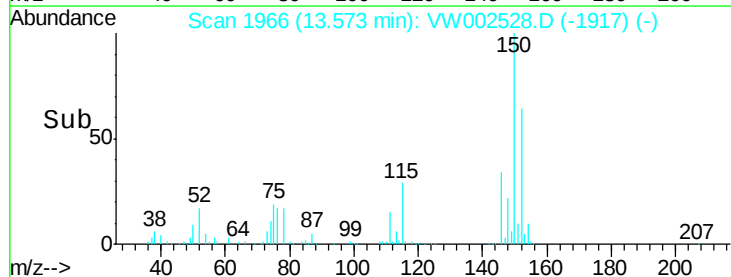
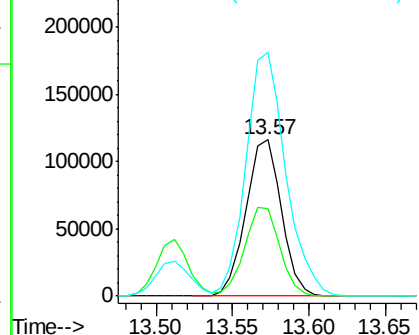


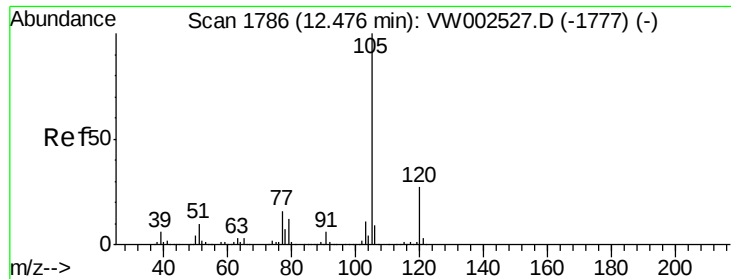
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002528.D
Acq: 14 May 2018 22:31

Tgt Ion:152 Resp: 186702
Ion Ratio Lower Upper
152 100
115 56.8 28.0 84.0
150 175.8 0.0 345.4



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: 66.70 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

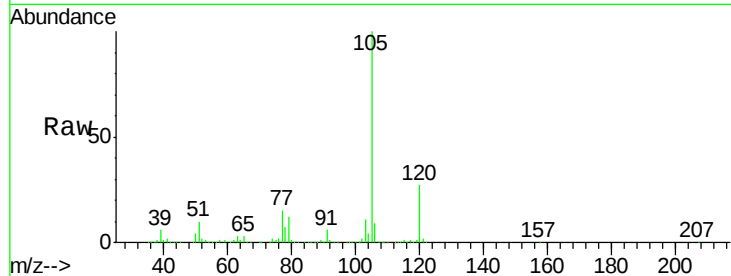
VSTDIC075

Tgt Ion: 105 Resp: 805891

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

600000

500000

400000

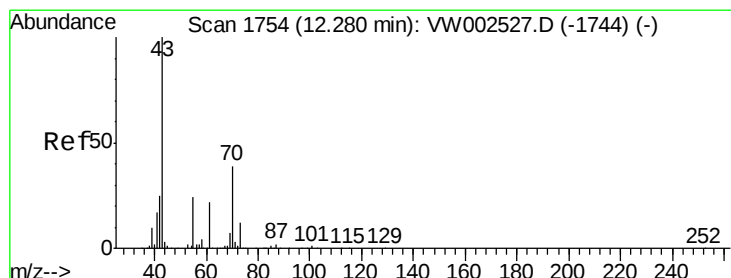
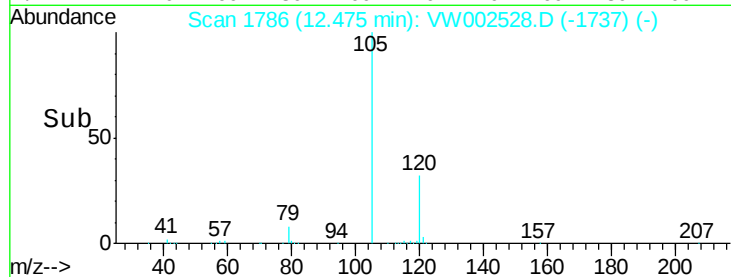
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 69.58 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Tgt Ion: 43 Resp: 212166

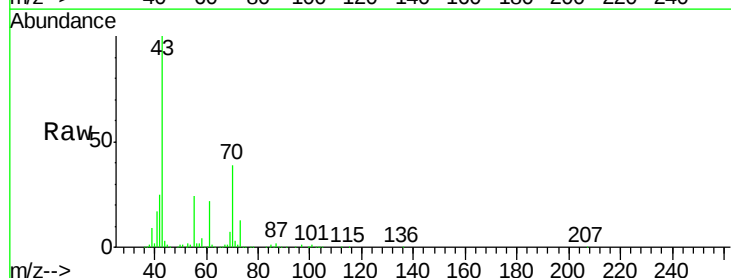
Ion Ratio Lower Upper

43 100

70 39.3 31.9 47.9

55 23.7 19.4 29.0

61 22.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

200000

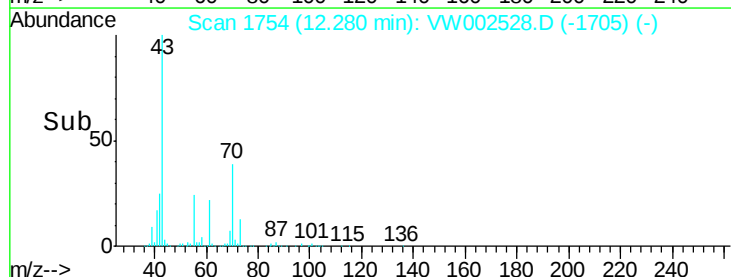
150000

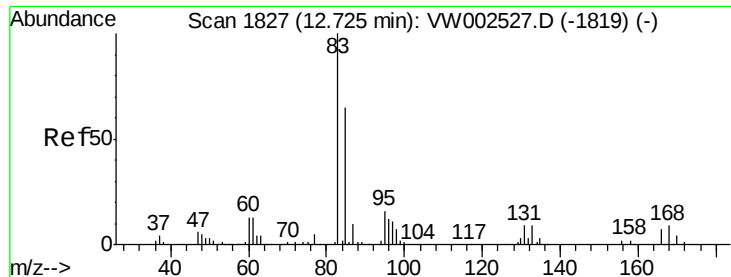
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 65.81 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

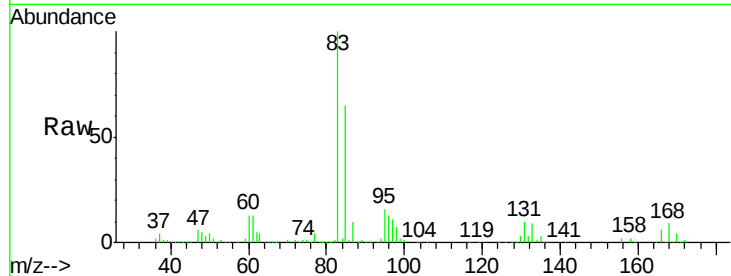
Tgt Ion: 83 Resp: 155405

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

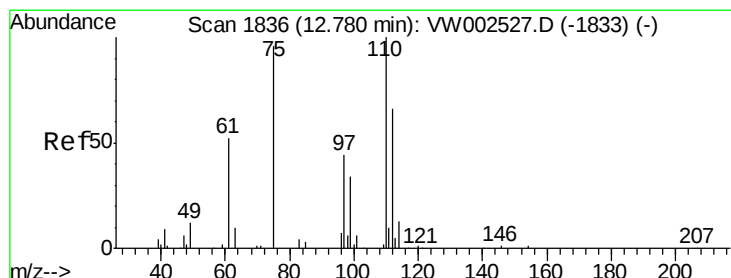
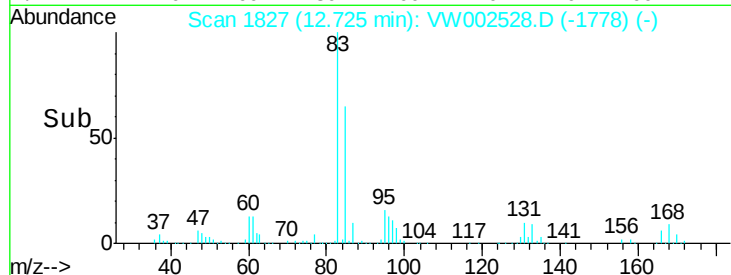
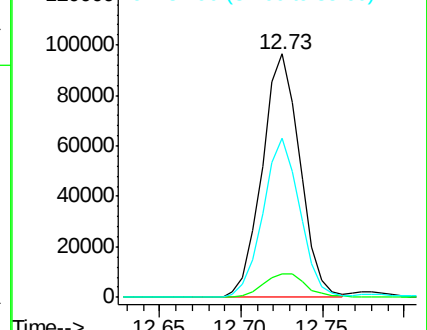
85 63.9 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 117.82 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW002528.D

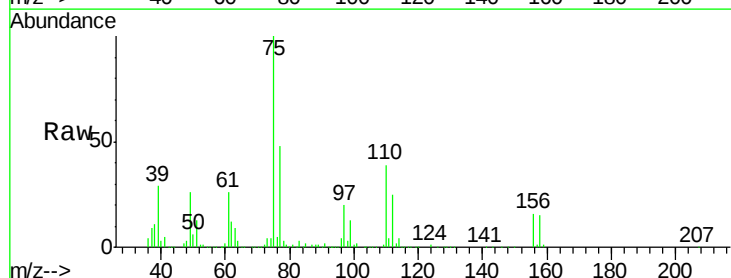
Acq: 14 May 2018 22:31

Tgt Ion: 75 Resp: 203277

Ion Ratio Lower Upper

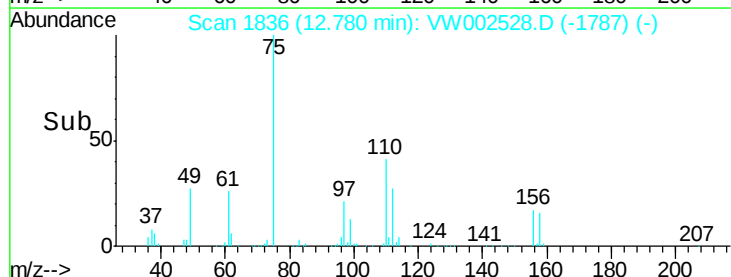
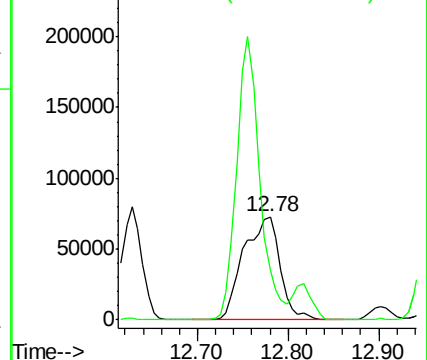
75 100

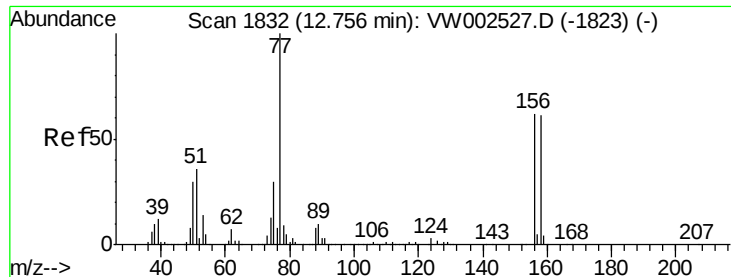
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 66.18 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

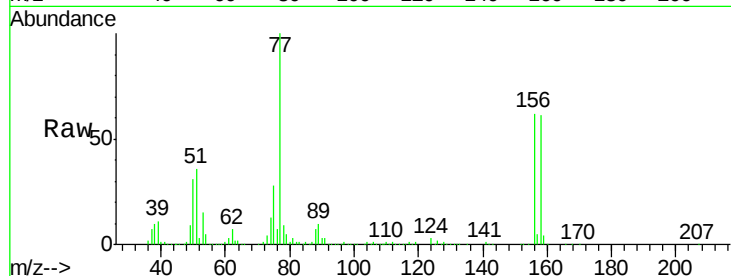
Tgt Ion:156 Resp: 201775

Ion Ratio Lower Upper

156 100

77 177.0 89.8 269.4

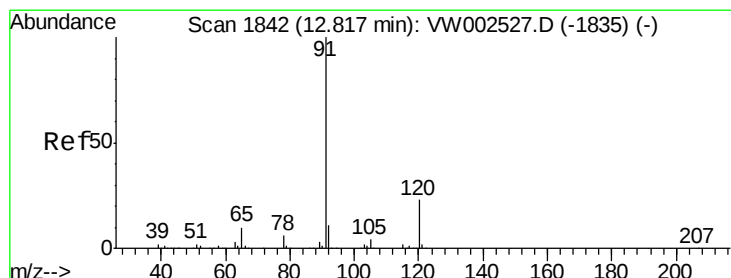
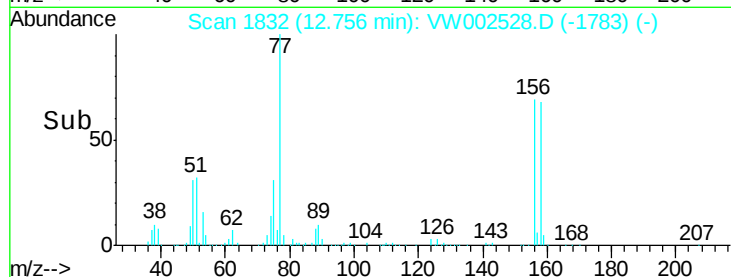
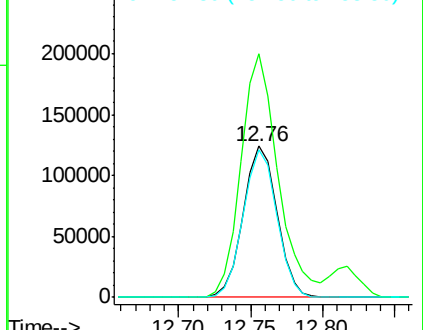
158 96.7 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 67.64 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002528.D

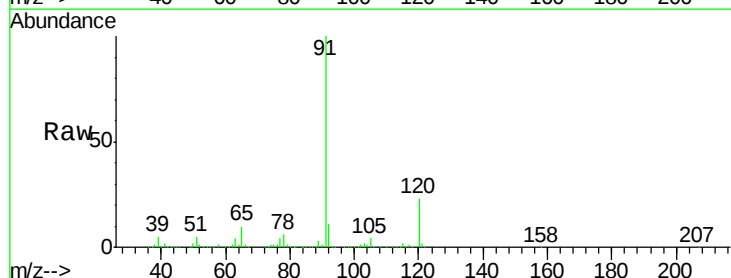
Acq: 14 May 2018 22:31

Tgt Ion: 91 Resp: 969007

Ion Ratio Lower Upper

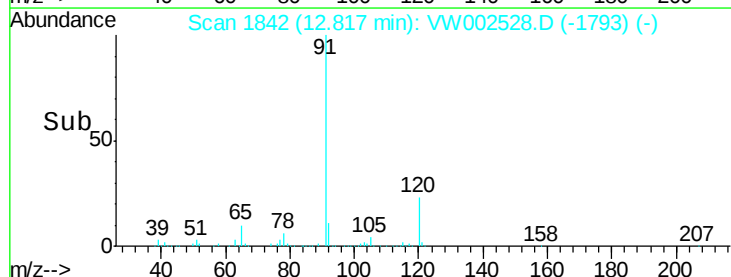
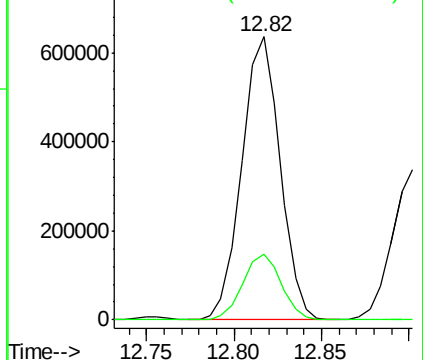
91 100

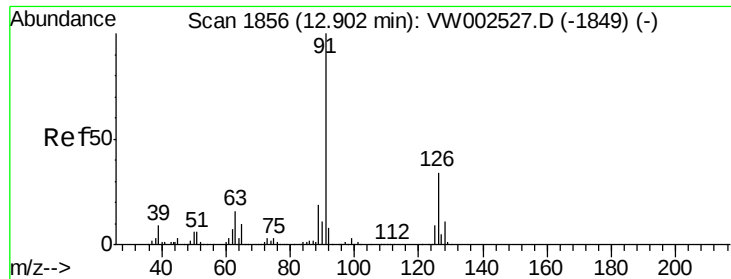
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 66.05 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

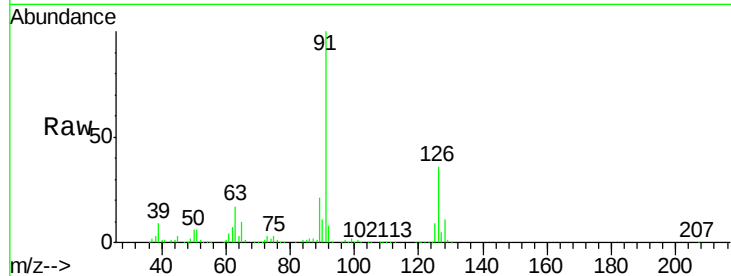
VSTDIC075

Tgt Ion: 91 Resp: 543823

Ion Ratio Lower Upper

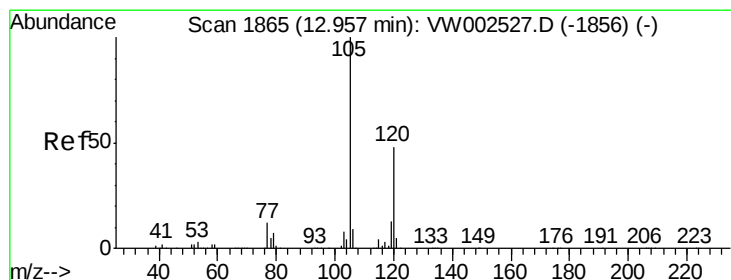
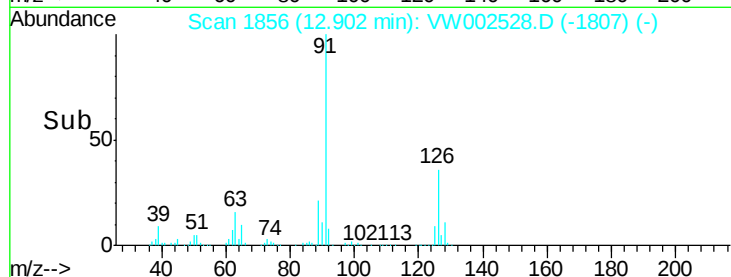
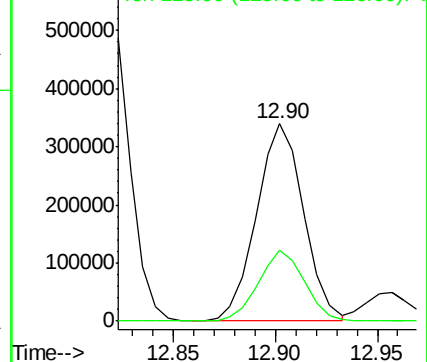
91 100

126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 67.87 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002528.D

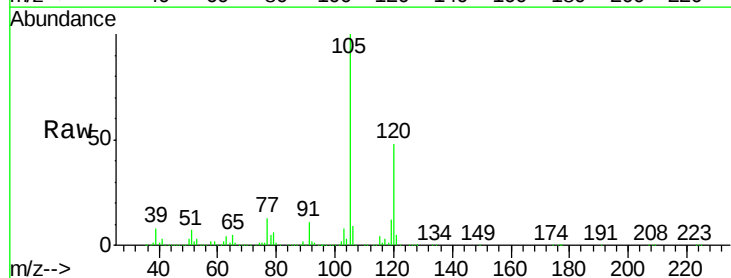
Acq: 14 May 2018 22:31

Tgt Ion: 105 Resp: 690314

Ion Ratio Lower Upper

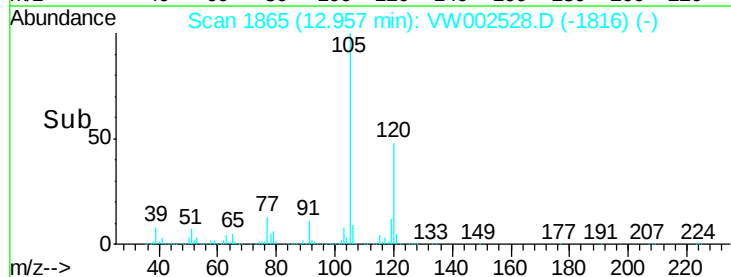
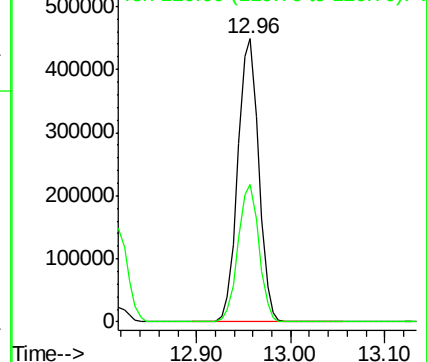
105 100

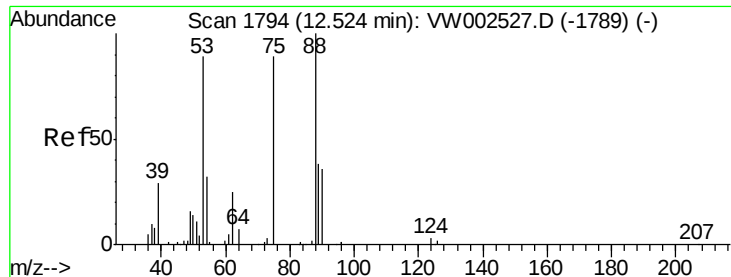
120 48.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 72.92 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

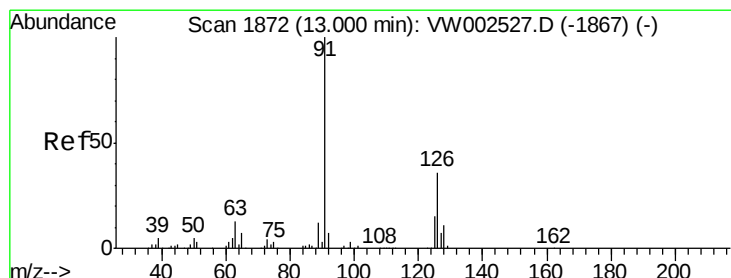
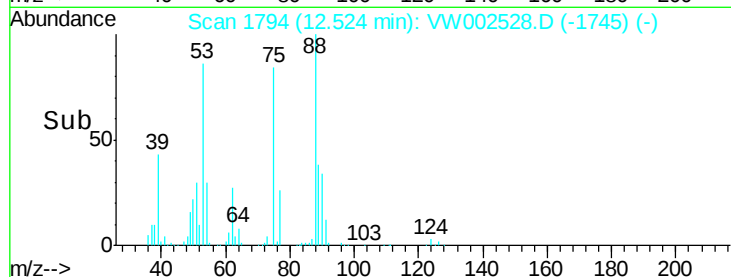
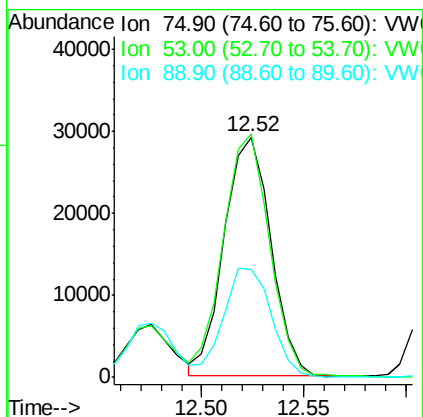
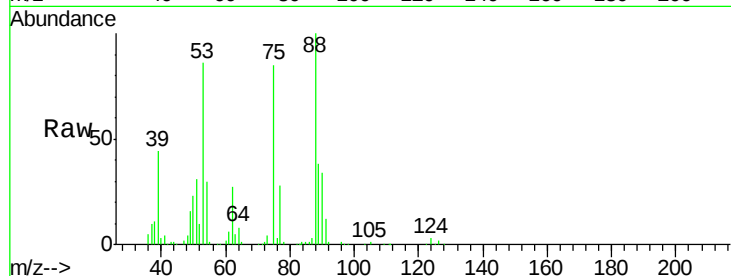
Tgt Ion: 75 Resp: 46297

Ion Ratio Lower Upper

75 100

53 102.1 82.6 124.0

89 47.2 39.2 58.8



#82

4-Chlorotoluene

Concen: 66.72 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002528.D

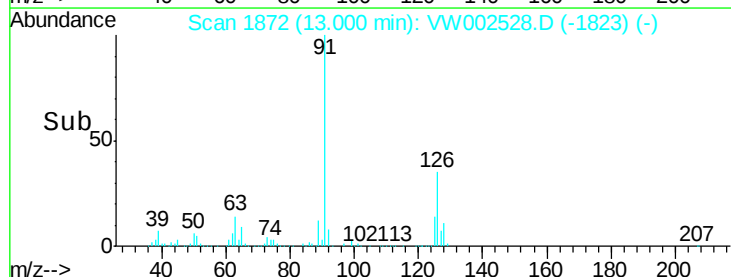
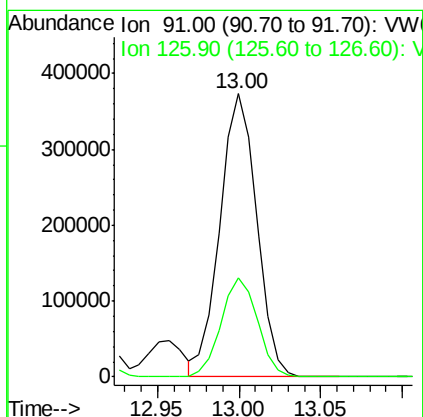
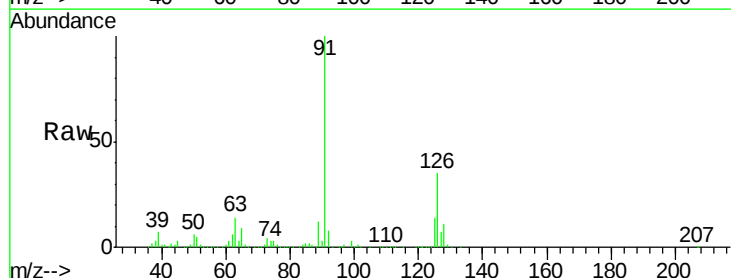
Acq: 14 May 2018 22:31

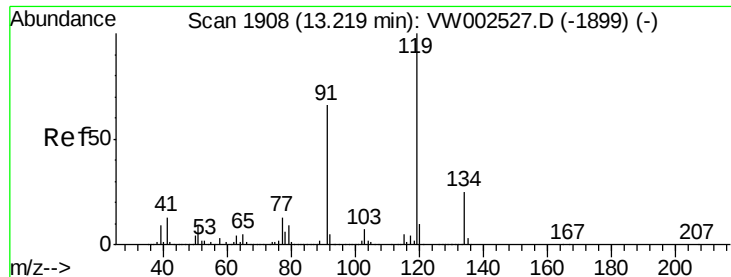
Tgt Ion: 91 Resp: 585198

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5

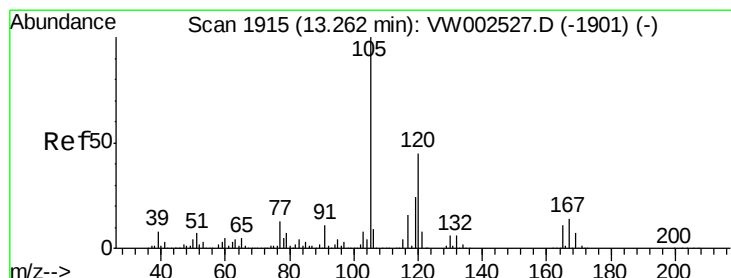
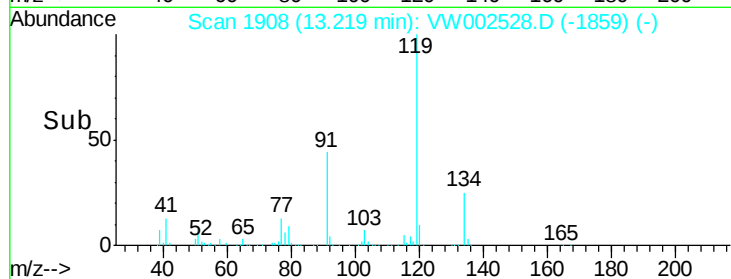
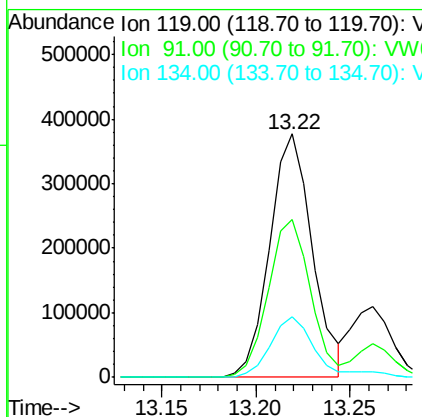
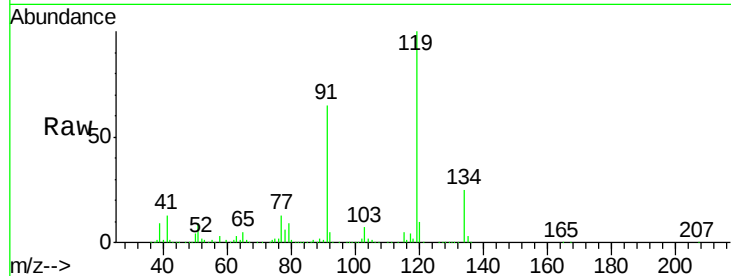




#83
 tert-Butylbenzene
 Concen: 67.68 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

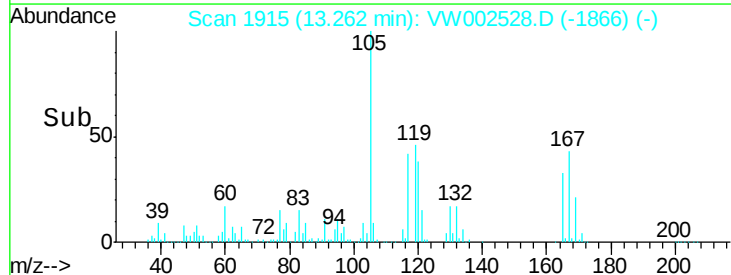
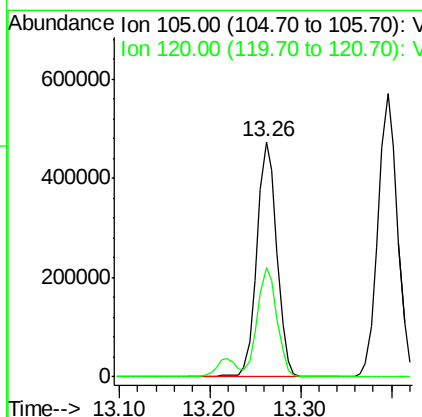
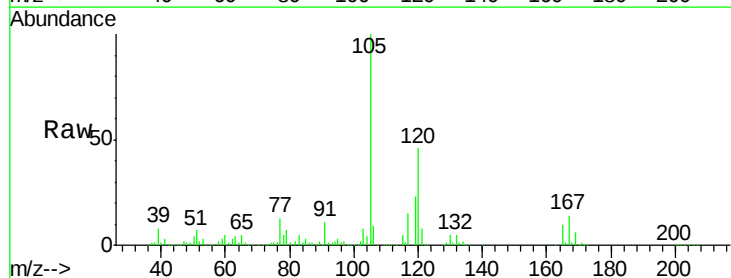
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

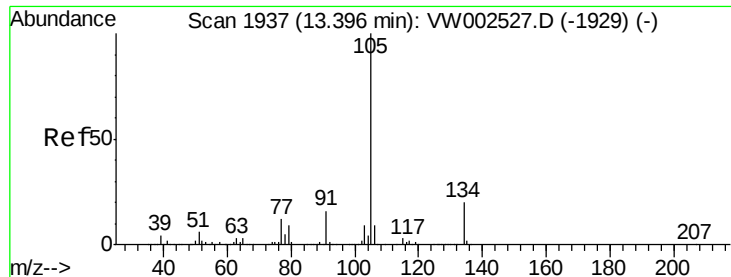
Tgt Ion:119 Resp: 591761
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.5 97.5
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 68.13 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion:105 Resp: 718872
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9

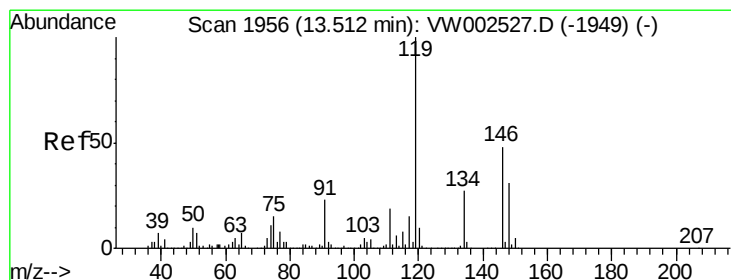
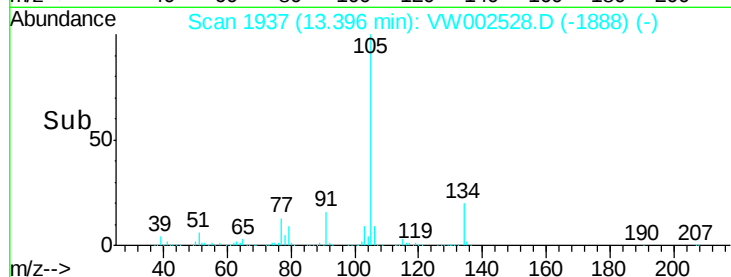
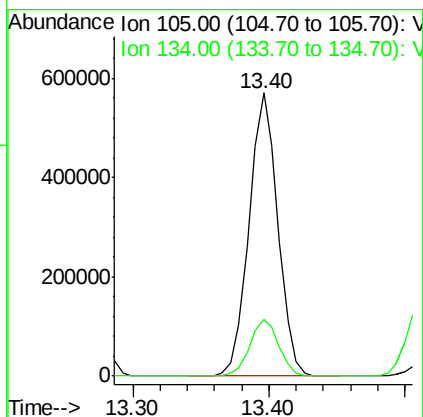
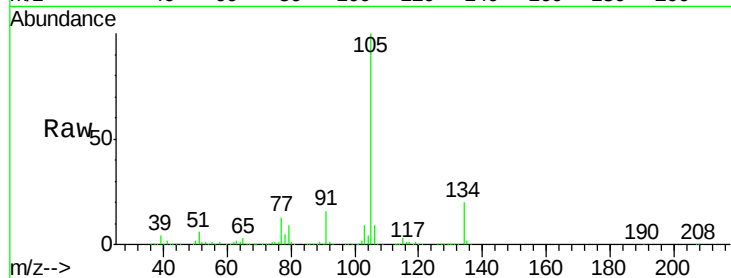




#85
 sec-Butylbenzene
 Concen: 67.57 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

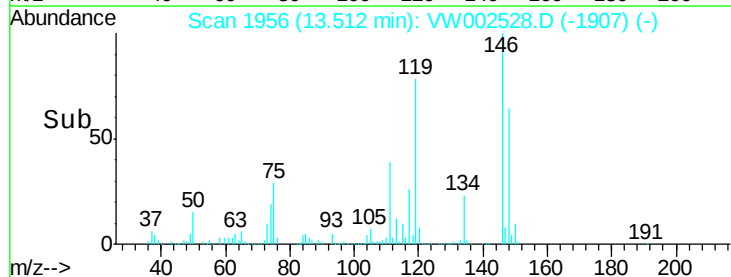
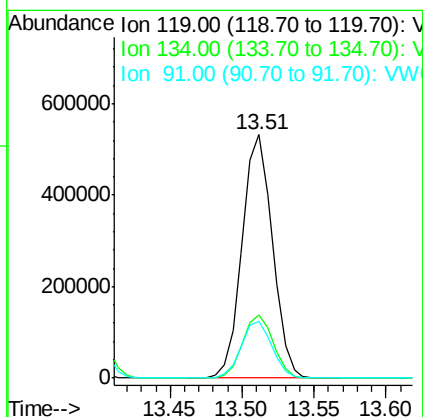
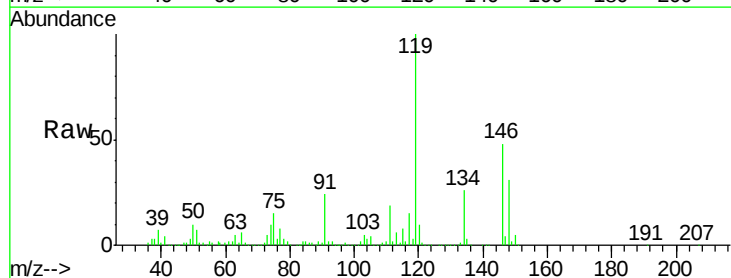
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

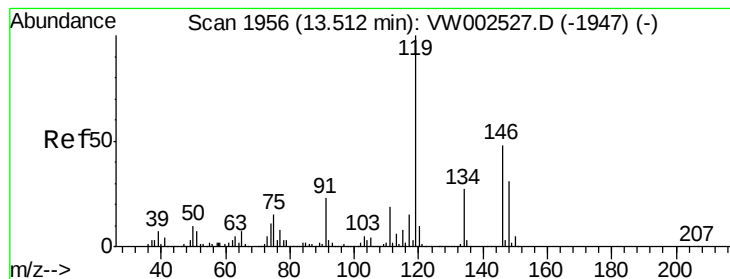
Tgt Ion:105 Resp: 846000
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 69.09 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion:119 Resp: 775114
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.1
 91 23.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 66.69 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

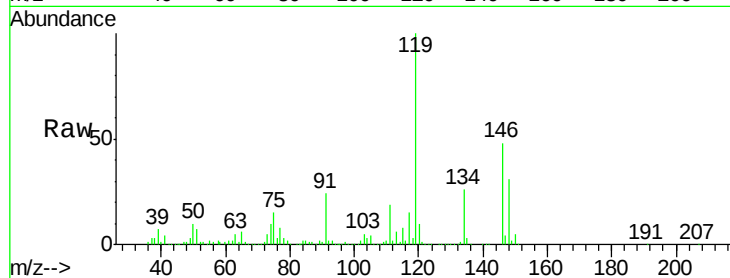
Tgt Ion:146 Resp: 402360

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

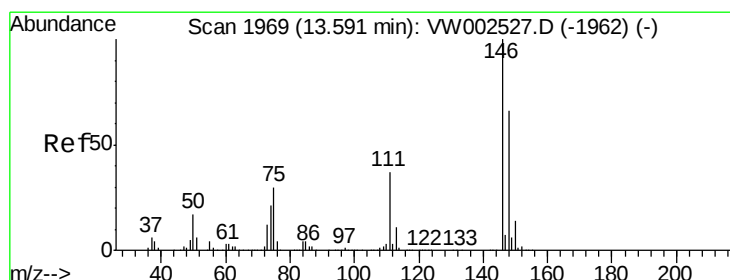
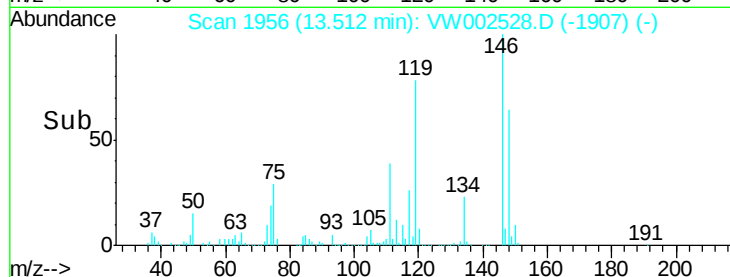
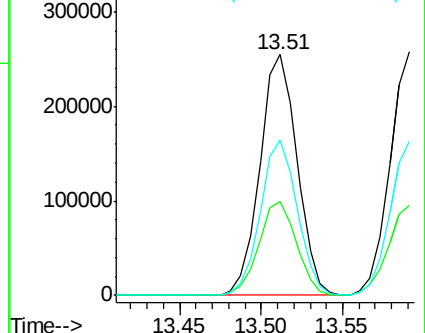
148 63.9 32.3 96.8



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



#88

1,4-Dichlorobenzene

Concen: 66.43 ug/l

RT: 13.59 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

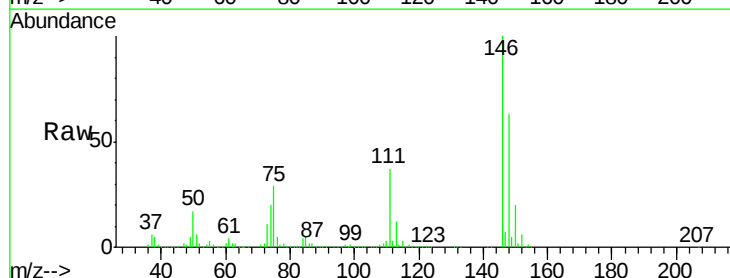
Tgt Ion:146 Resp: 400435

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.5

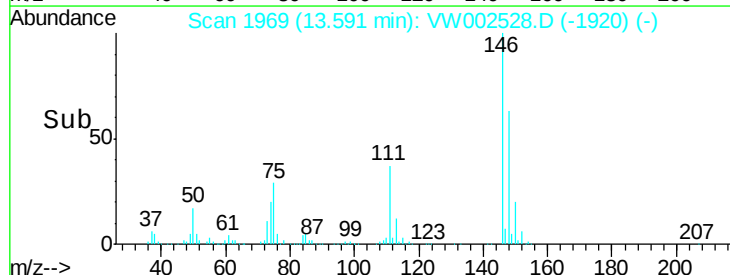
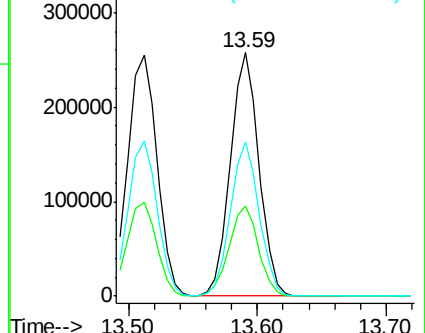
148 63.7 32.4 97.0

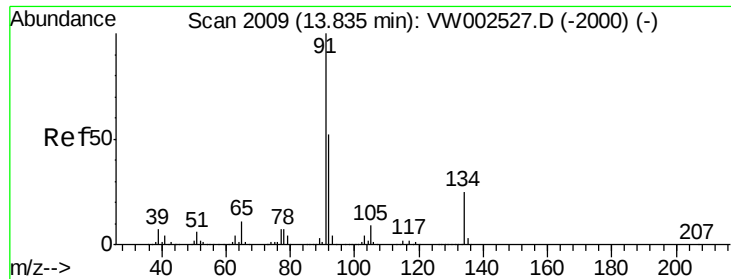


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 69.45 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

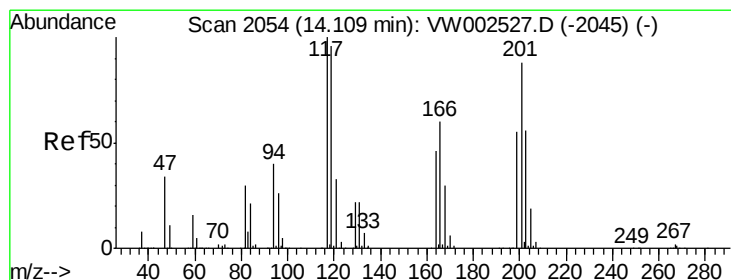
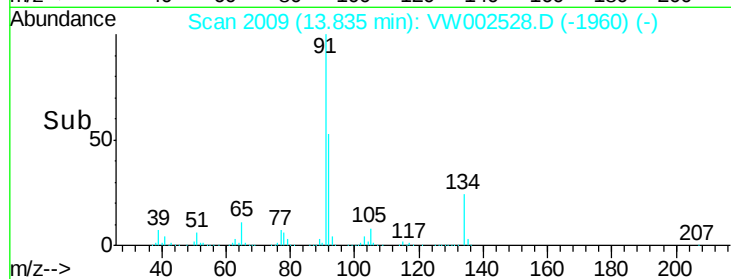
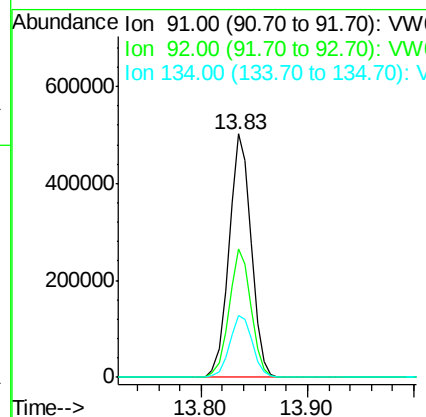
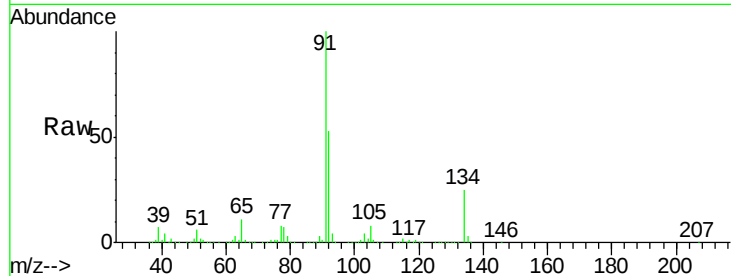
Tgt Ion: 91 Resp: 728699

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

134 25.8 13.1 39.1



#90

Hexachloroethane

Concen: 67.82 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. -0.00 min

Lab File: VW002528.D

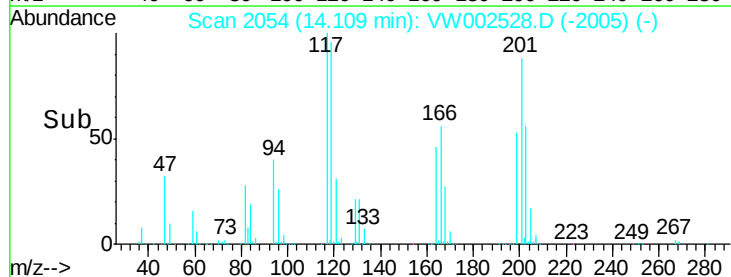
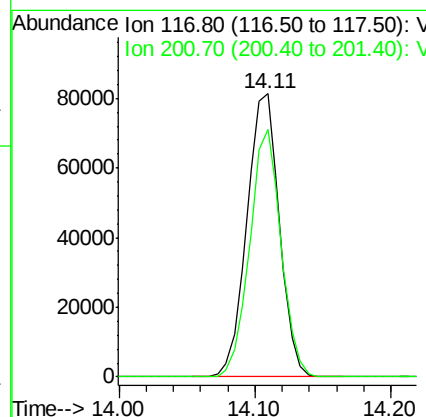
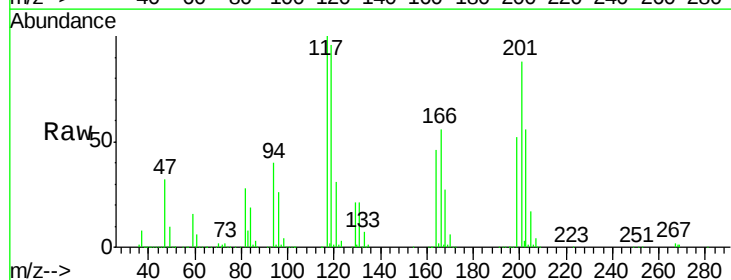
Acq: 14 May 2018 22:31

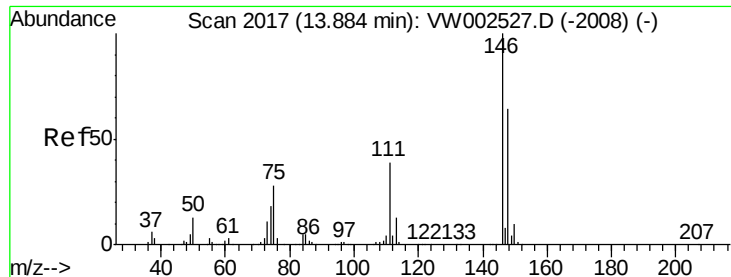
Tgt Ion: 117 Resp: 135934

Ion Ratio Lower Upper

117 100

201 84.4 42.0 126.0





#91

1,2-Dichlorobenzene

Concen: 66.34 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

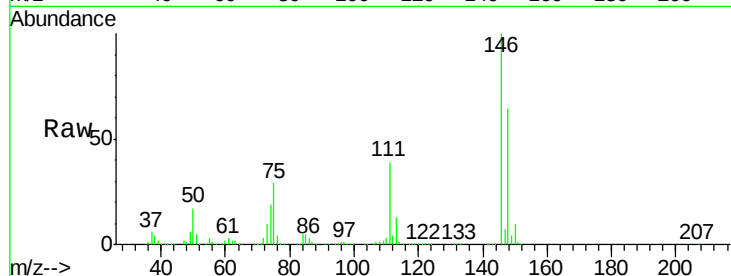
Tgt Ion: 146 Resp: 364463

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.6

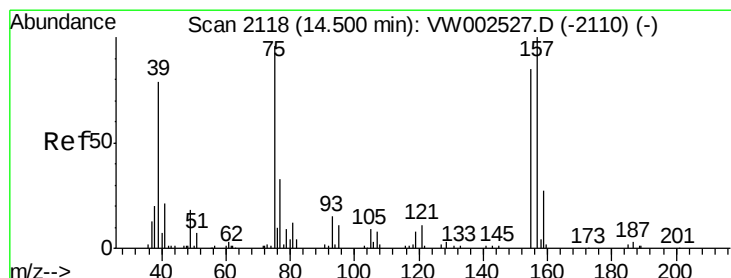
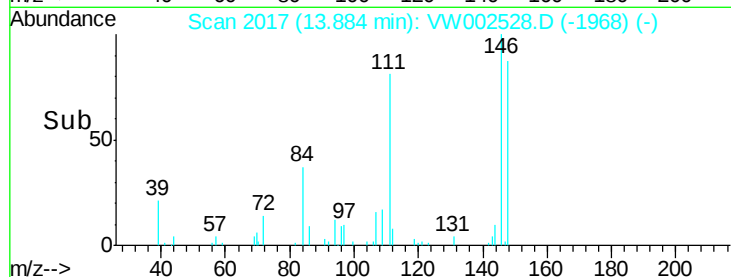
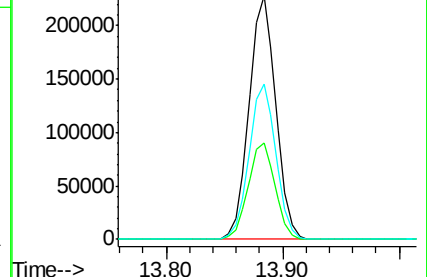
148 64.1 32.1 96.3



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: 68.10 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

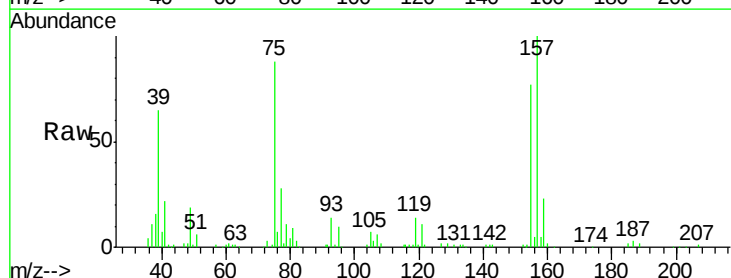
Tgt Ion: 75 Resp: 27822

Ion Ratio Lower Upper

75 100

155 85.5 42.8 128.4

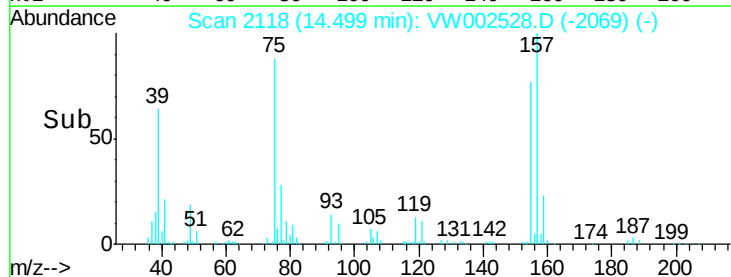
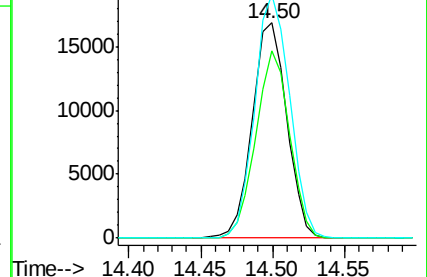
157 114.4 57.4 172.0

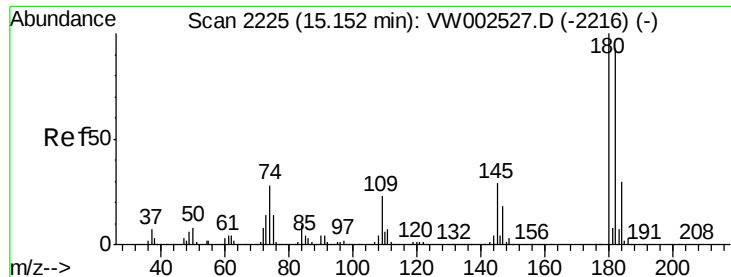


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

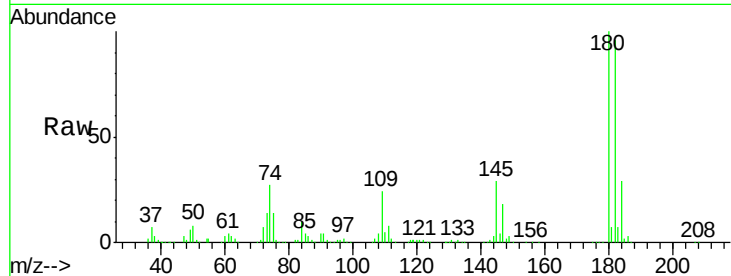




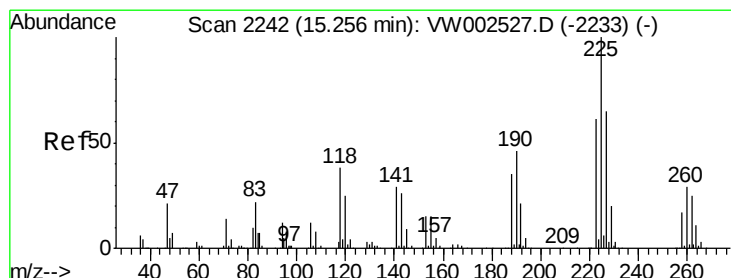
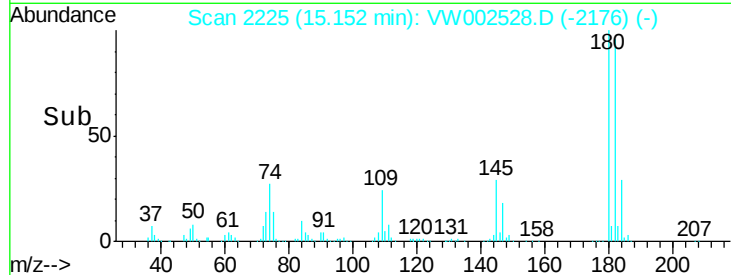
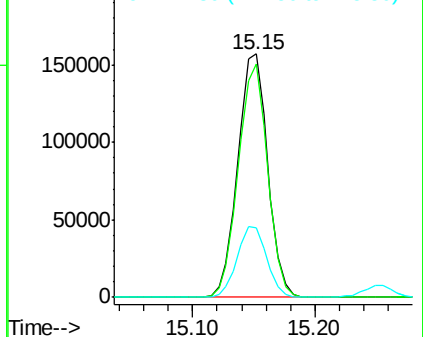
#93
 1,2,4-Trichlorobenzene
 Concen: 67.29 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:180 Resp: 265014
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.2 141.6
 145 29.0 14.9 44.9

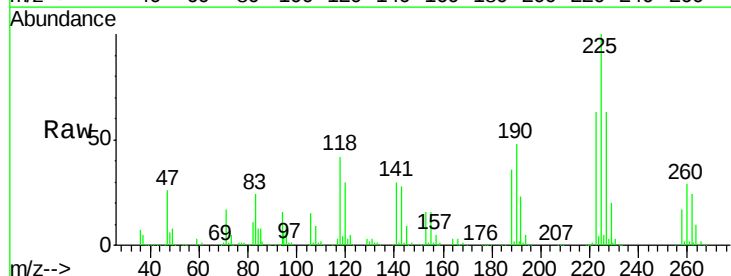


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

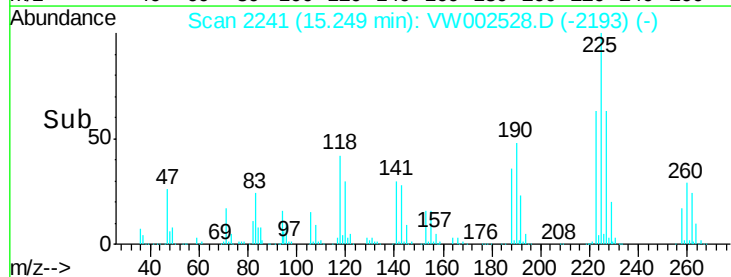
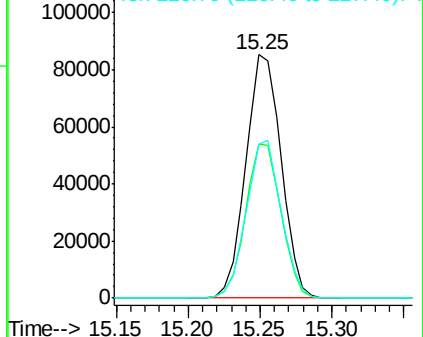


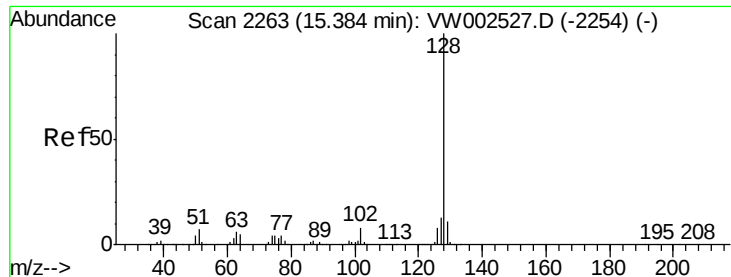
#94
 Hexachlorobutadiene
 Concen: 65.88 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002528.D
 Acq: 14 May 2018 22:31

Tgt Ion:225 Resp: 144458
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.9
 227 63.9 31.9 95.5



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: 69.00 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

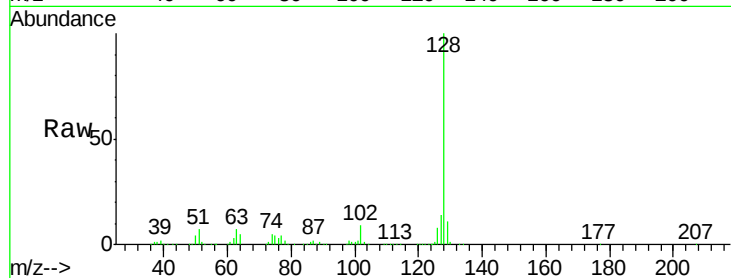
Tgt Ion:128 Resp: 501644

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.9 8.9 13.3



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

300000

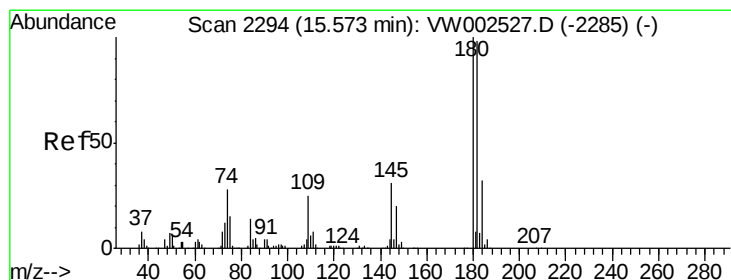
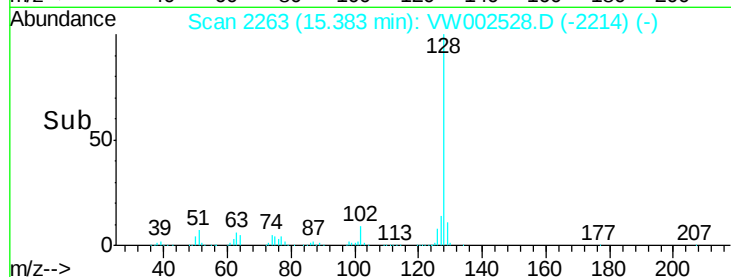
200000

100000

0

15.38

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 65.91 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002528.D

Acq: 14 May 2018 22:31

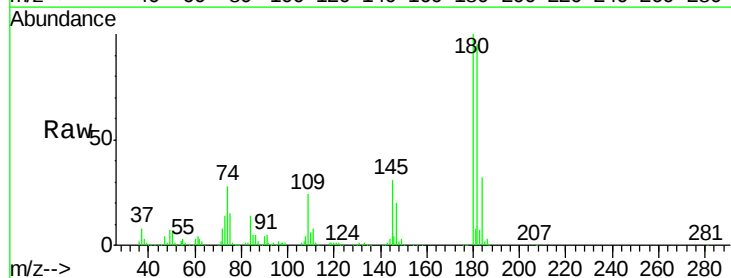
Tgt Ion:180 Resp: 232904

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 31.3 15.5 46.5



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

150000

100000

50000

0

15.57

Time-->

