

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003680.D
 Acq On : 02 Jul 2018 16:58
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 03 02:28:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	397549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	29019	10.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.30%	
35) Dibromofluoromethane	7.89	113	24573	9.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.58%	
50) Toluene-d8	10.33	98	96157	9.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.36%	
62) 4-Bromofluorobenzene	12.62	95	34364	9.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	7836	9.479 ug/l	100
3) Chloromethane	2.21	50	17172	8.937 ug/l	99
4) Vinyl Chloride	2.36	62	23938	8.616 ug/l	97
5) Bromomethane	2.78	94	15730	8.572 ug/l	94
6) Chloroethane	2.92	64	14009	7.413 ug/l	97
7) Trichlorofluoromethane	3.25	101	13805	8.529 ug/l	92
8) Diethyl Ether	3.67	74	12354	10.038 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	22651	9.776 ug/l	97
10) Methyl Iodide	4.26	142	30645	8.766 ug/l	98
11) Tert butyl alcohol	5.21	59	3520	23.775 ug/l #	70
12) 1,1-Dichloroethene	4.03	96	22009	9.653 ug/l	94
13) Acrolein	3.89	56	6028	33.218 ug/l	93
14) Allyl chloride	4.65	41	35857	9.131 ug/l	96
15) Acrylonitrile	5.37	53	27670	53.652 ug/l	99
16) Acetone	4.15	43	34077	58.739 ug/l	95
17) Carbon Disulfide	4.37	76	58977	8.647 ug/l	97
18) Methyl Acetate	4.68	43	14041	10.411 ug/l	99
19) Methyl tert-butyl Ether	5.43	73	41180	9.632 ug/l	98
20) Methylene Chloride	4.91	84	31158	11.055 ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	22954	9.224 ug/l	99
22) Diisopropyl ether	6.32	45	77002	9.710 ug/l	99
23) Vinyl Acetate	6.26	43	221766	47.851 ug/l	99
24) 1,1-Dichloroethane	6.21	63	46934	9.970 ug/l	98
25) 2-Butanone	7.18	43	40848	56.171 ug/l	95
26) 2,2-Dichloropropane	7.17	77	30047	9.740 ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	25297	9.342 ug/l	96
28) Bromochloromethane	7.51	49	22291	11.407 ug/l	98
29) Tetrahydrofuran	7.54	42	23549	52.787 ug/l	100
30) Chloroform	7.67	83	47245	9.889 ug/l	95
31) Cyclohexane	7.95	56	41986	9.517 ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	36881	9.433 ug/l	98
36) 1,1-Dichloropropene	8.08	75	35972	9.198 ug/l	100
37) Ethyl Acetate	7.26	43	17652	10.647 ug/l	98
38) Carbon Tetrachloride	8.07	117	34633	9.105 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	39709	8.749	ug/l	95
40) Benzene	8.32	78	104046	9.648	ug/l	99
41) Methacrylonitrile	7.49	41	8806	8.768	ug/l	96
42) 1,2-Dichloroethane	8.40	62	32436	9.611	ug/l	98
43) Isopropyl Acetate	8.43	43	31468	9.666	ug/l	98
44) Trichloroethene	9.09	130	27001	9.532	ug/l	93
45) 1,2-Dichloropropane	9.37	63	26985	9.830	ug/l	96
46) Dibromomethane	9.46	93	13851	9.815	ug/l	98
47) Bromodichloromethane	9.65	83	34438	9.573	ug/l	99
48) Methyl methacrylate	9.44	41	13873	9.039	ug/l	92
49) 1,4-Dioxane	9.48	88	4378	205.039	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	83752	50.158	ug/l	98
52) Toluene	10.39	92	63068	9.137	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	34176	9.276	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	38728	9.223	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	19958	10.041	ug/l	97
56) Ethyl methacrylate	10.65	69	21749	8.951	ug/l	97
57) 1,3-Dichloropropane	10.93	76	32990	9.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	49766	46.455	ug/l	99
59) 2-Hexanone	10.98	43	58553	50.092	ug/l	96
60) Dibromochloromethane	11.13	129	22236	9.463	ug/l	99
61) 1,2-Dibromoethane	11.24	107	18003	9.572	ug/l	99
64) Tetrachloroethene	10.87	164	21944	8.855	ug/l	96
65) Chlorobenzene	11.66	112	71748	9.295	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	24672	9.110	ug/l	98
67) Ethyl Benzene	11.74	91	120356	8.788	ug/l	100
68) m/p-Xylenes	11.84	106	93015	17.865	ug/l	99
69) o-Xylene	12.17	106	41650	8.662	ug/l	99
70) Styrene	12.19	104	69700	8.666	ug/l	99
71) Bromoform	12.35	173	13463	9.523	ug/l #	100
73) Isopropylbenzene	12.47	105	117357	8.616	ug/l	99
74) N-amyl acetate	12.27	43	29127	9.179	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	24116	10.255	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31244	18.493	ug/l #	100
77) Bromobenzene	12.75	156	29157	9.151	ug/l	99
78) n-propylbenzene	12.81	91	146892	8.782	ug/l	99
79) 2-Chlorotoluene	12.90	91	84371	8.925	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	101231	8.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	7056	9.488	ug/l	96
82) 4-Chlorotoluene	12.99	91	92190	9.198	ug/l	98
83) tert-Butylbenzene	13.21	119	84363	8.659	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	103380	8.762	ug/l	100
85) sec-Butylbenzene	13.39	105	127679	8.809	ug/l	99
86) p-Isopropyltoluene	13.51	119	111040	8.705	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	60743	9.310	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	61224	9.434	ug/l	97
89) n-Butylbenzene	13.84	91	109104	8.756	ug/l	97
90) Hexachloroethane	14.10	117	20997	9.086	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	54848	9.579	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4152	10.477	ug/l	94

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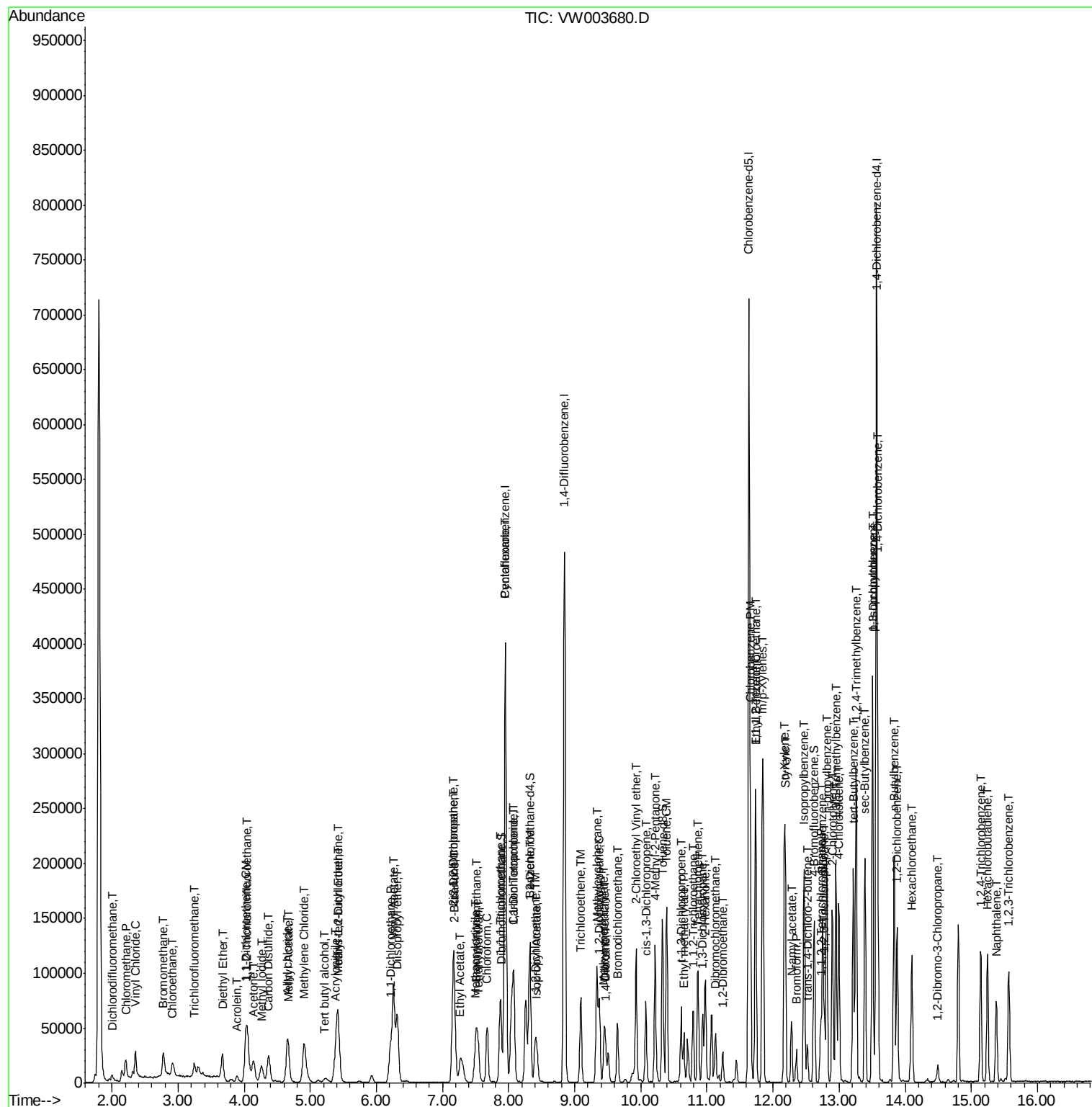
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	37172	9.241	ug/l	99
94) Hexachlorobutadiene	15.25	225	22259	9.272	ug/l	99
95) Naphthalene	15.38	128	60140	8.707	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	33310	9.388	ug/l	98

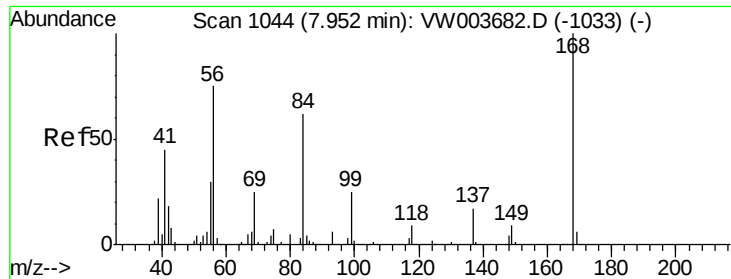
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

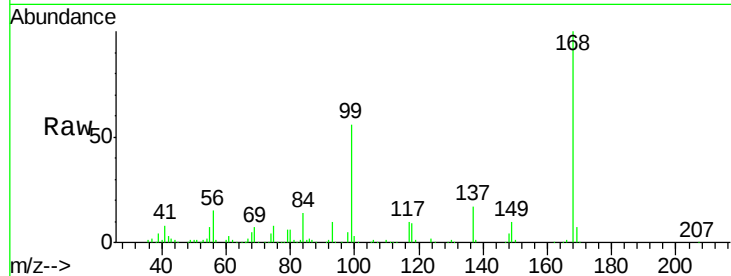
VSTDIC010

Tgt Ion:168 Resp: 246586

Ion Ratio Lower Upper

168 100

99 55.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

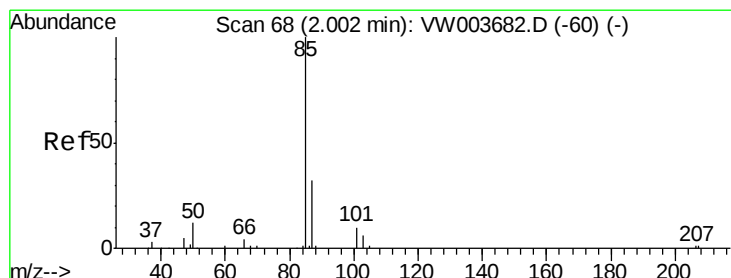
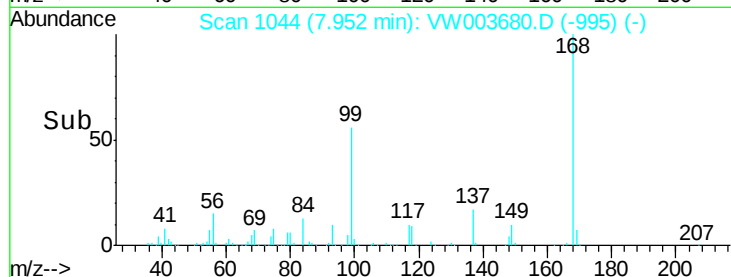
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 9.479 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003680.D

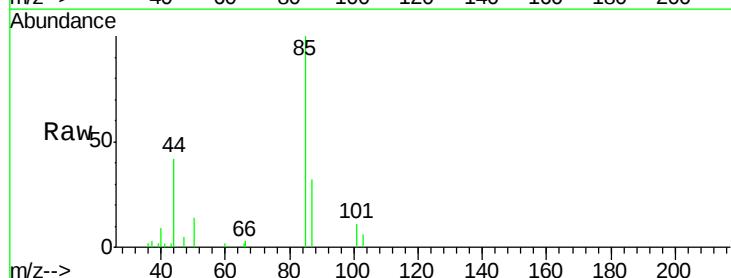
Acq: 02 Jul 2018 16:58

Tgt Ion: 85 Resp: 7836

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

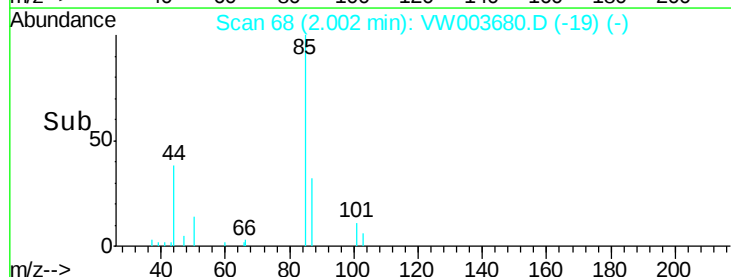
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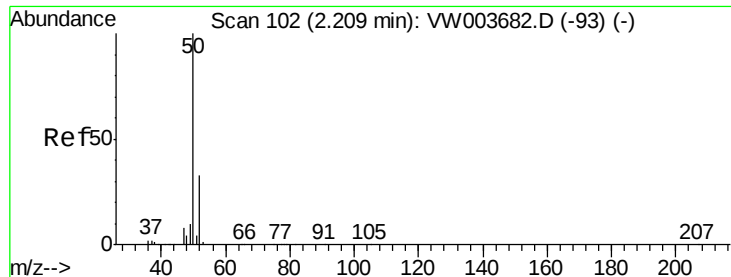
2000

1000

0

Time-->





#3

Chloromethane

Concen: 8.937 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

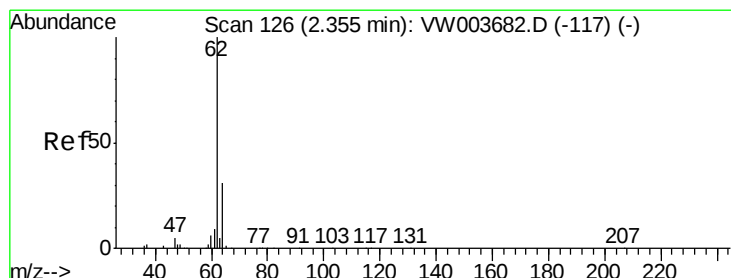
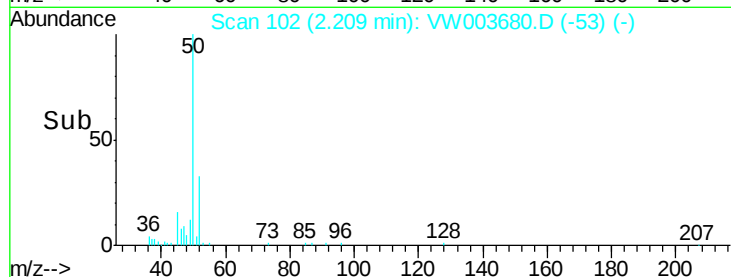
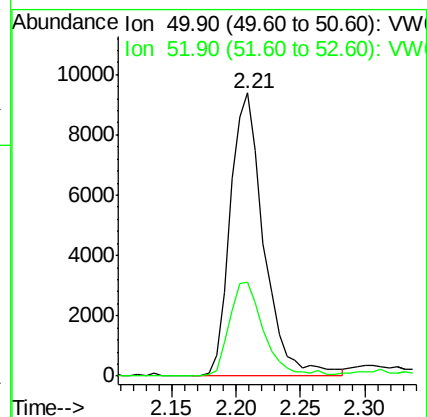
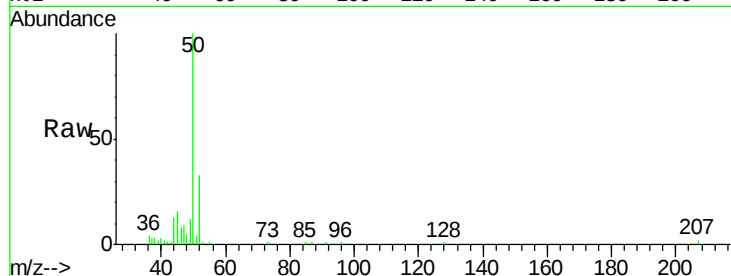
VSTDIC010

Tgt Ion: 50 Resp: 17172

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 8.616 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003680.D

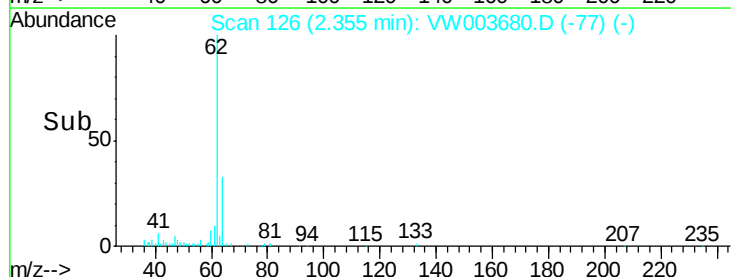
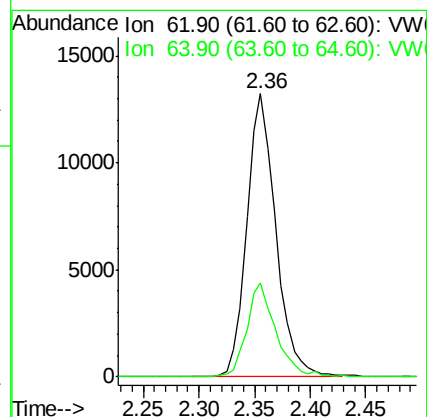
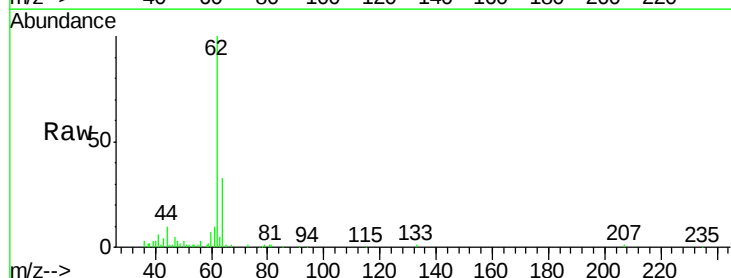
Acq: 02 Jul 2018 16:58

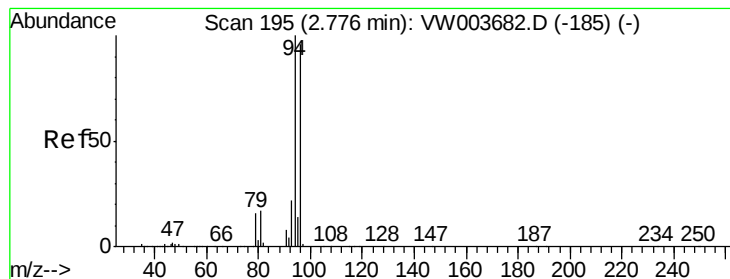
Tgt Ion: 62 Resp: 23938

Ion Ratio Lower Upper

62 100

64 33.1 25.1 37.7





#5

Bromomethane

Concen: 8.572 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

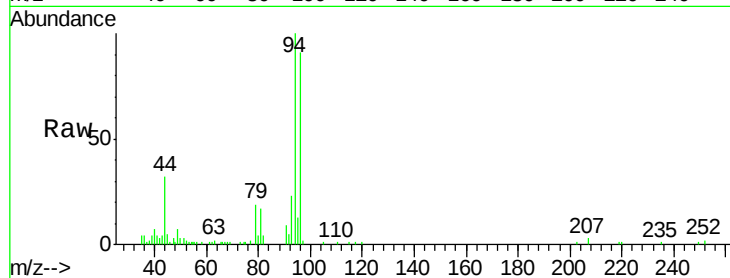
VSTDIC010

Tgt Ion: 94 Resp: 15730

Ion Ratio Lower Upper

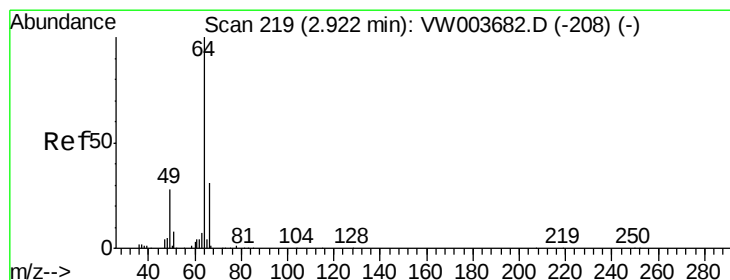
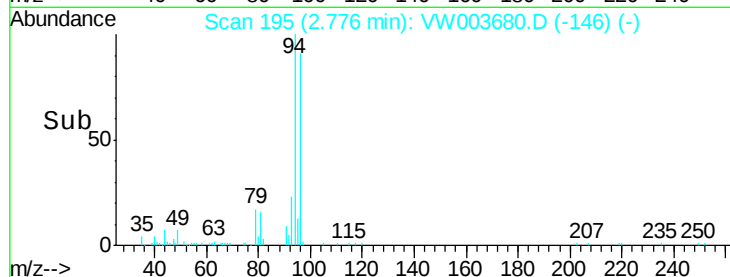
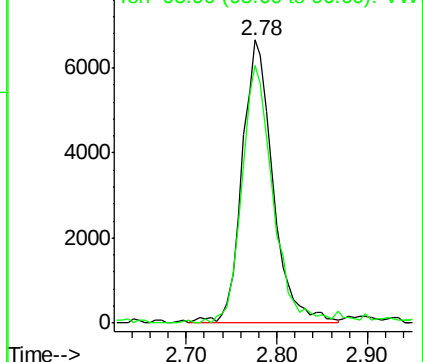
94 100

96 89.7 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 7.413 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003680.D

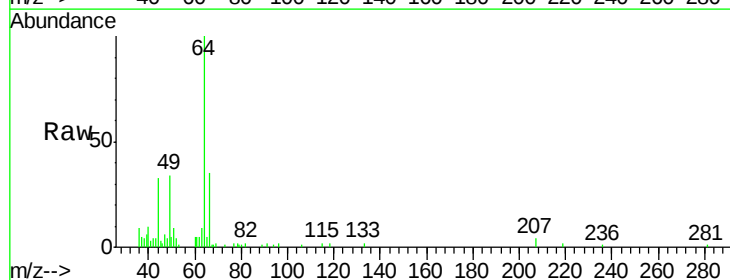
Acq: 02 Jul 2018 16:58

Tgt Ion: 64 Resp: 14009

Ion Ratio Lower Upper

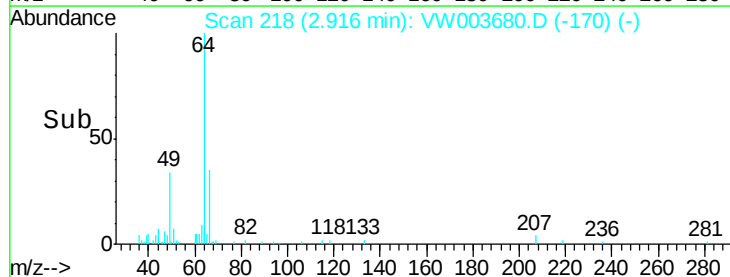
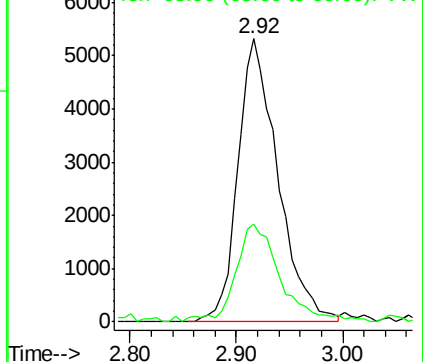
64 100

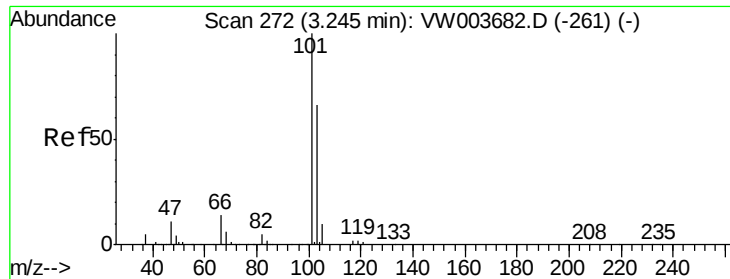
66 33.1 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



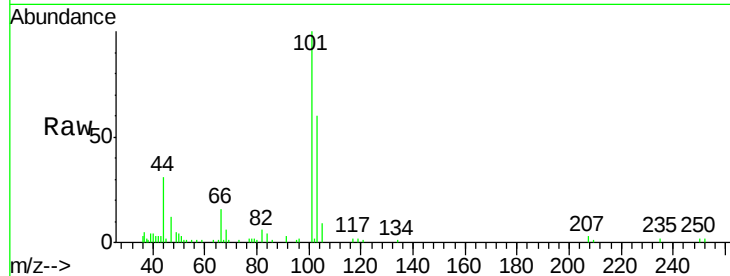


#7

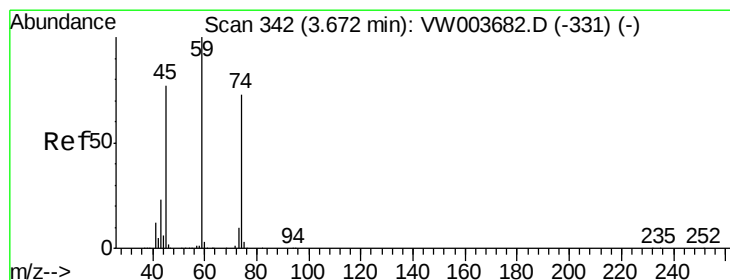
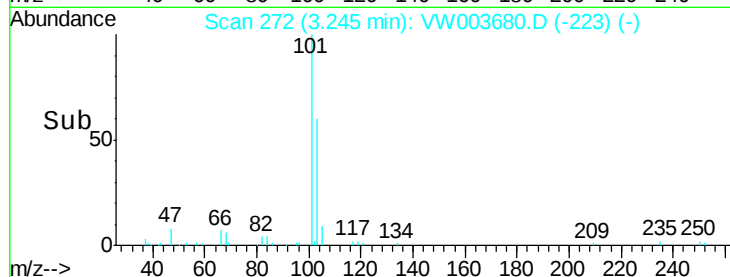
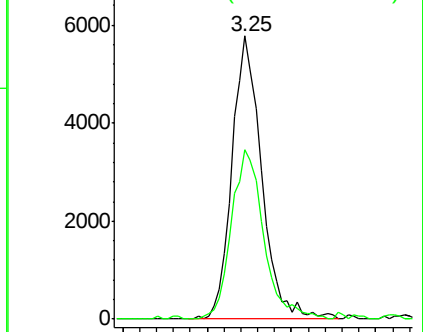
Trichlorofluoromethane
 Concen: 8.529 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Instrument :
 MSVOA_W
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Tgt Ion: 101 Resp: 13805
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.9 79.3



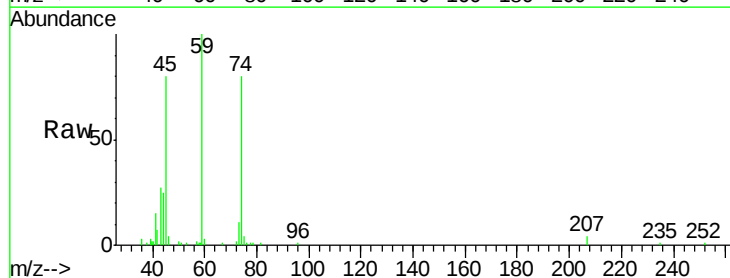
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



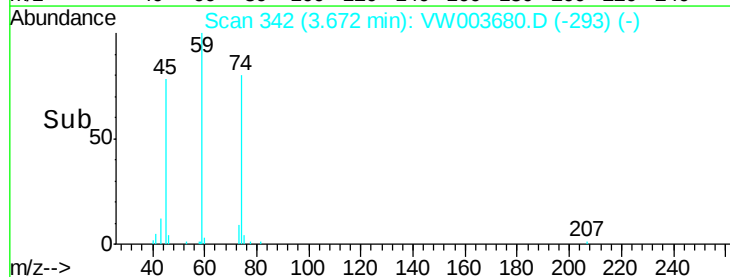
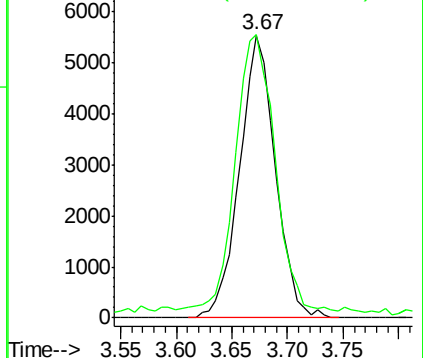
#8

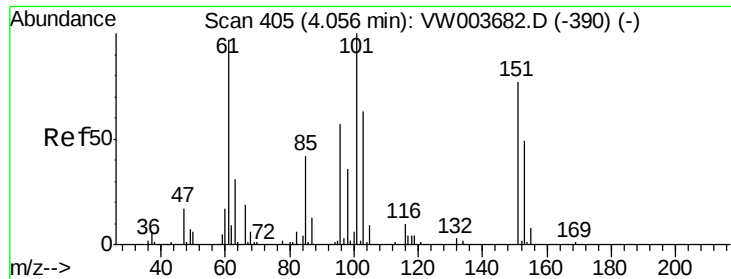
Diethyl Ether
 Concen: 10.038 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003680.D
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Tgt Ion: 74 Resp: 12354
 Ion Ratio Lower Upper
 74 100
 45 107.3 53.5 160.5



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.776 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

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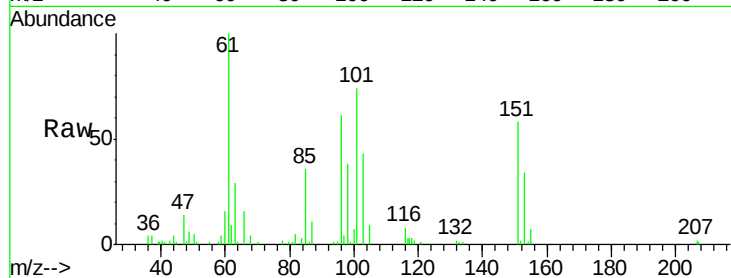
Tgt Ion:101 Resp: 22651

Ion Ratio Lower Upper

101 100

85 45.1 36.6 55.0

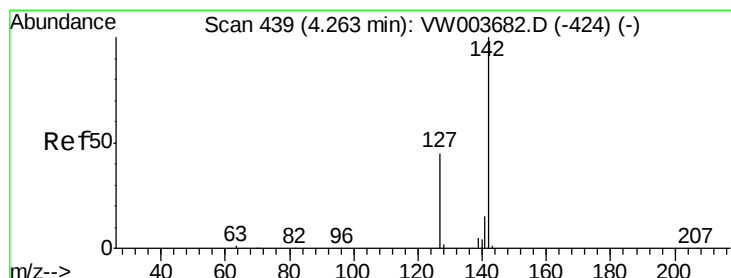
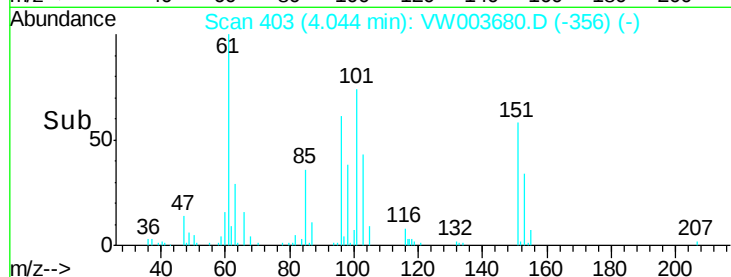
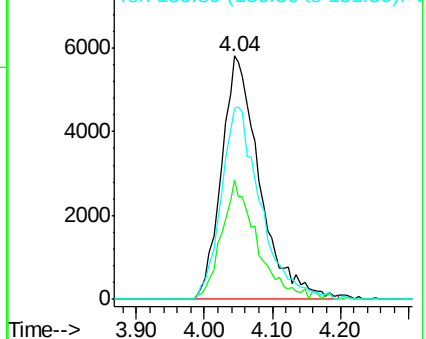
151 81.2 62.4 93.6



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: 8.766 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

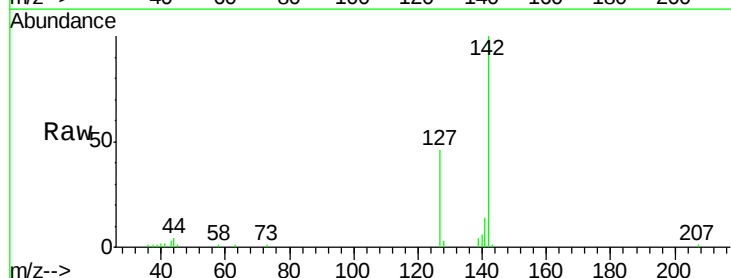
Tgt Ion:142 Resp: 30645

Ion Ratio Lower Upper

142 100

127 46.6 36.0 54.0

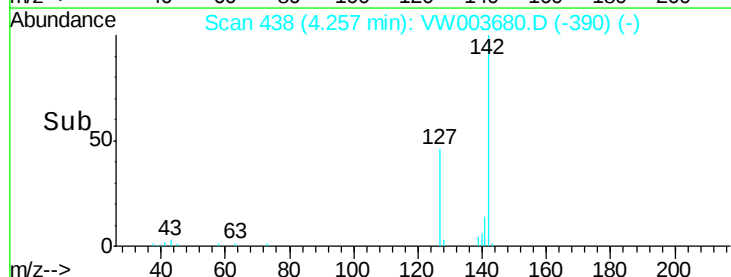
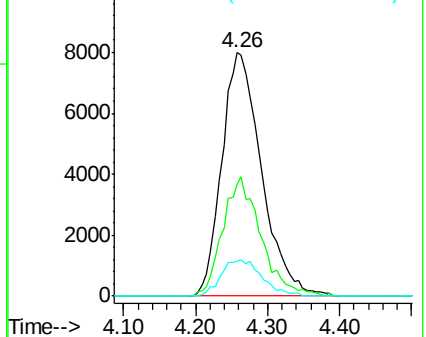
141 15.4 11.9 17.9

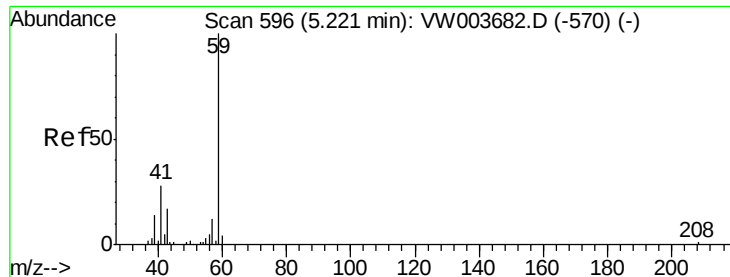


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



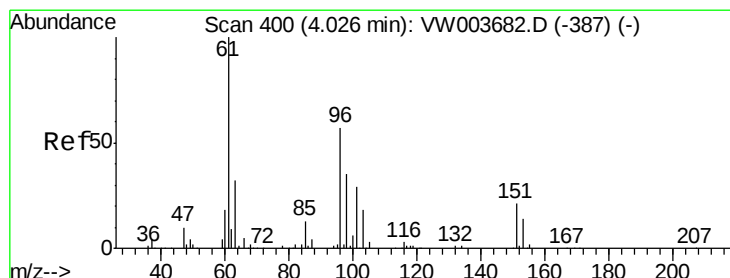
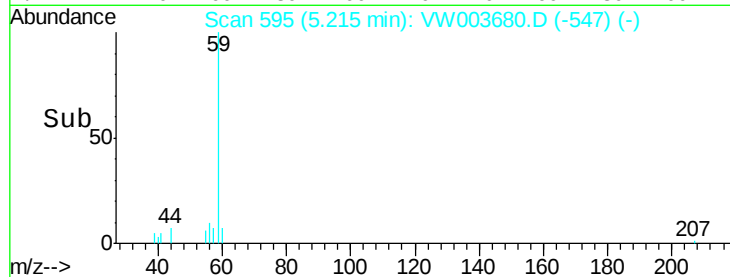
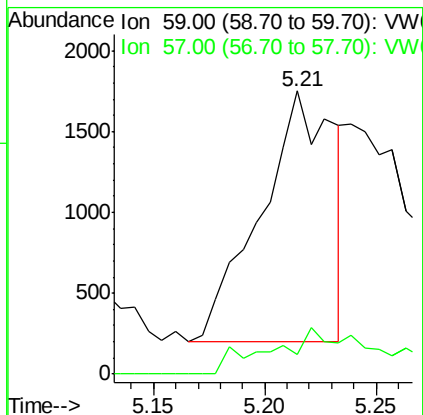
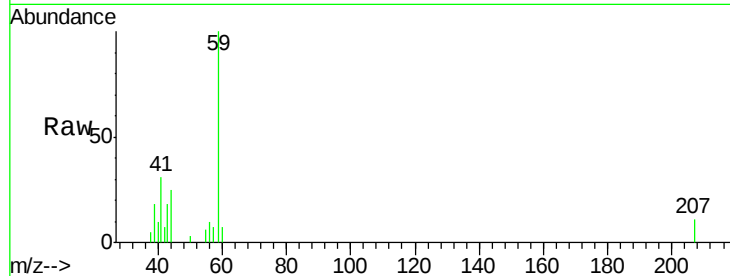


#11

Tert butyl alcohol
 Concen: 23.775 ug/l
 RT: 5.21 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

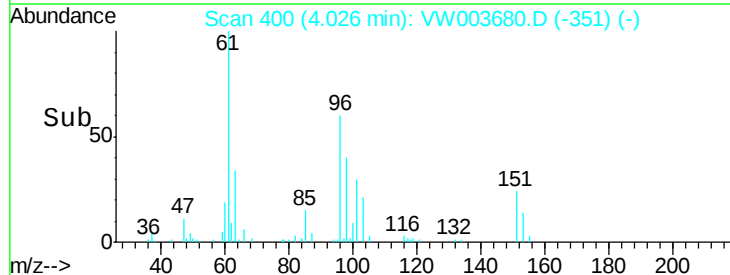
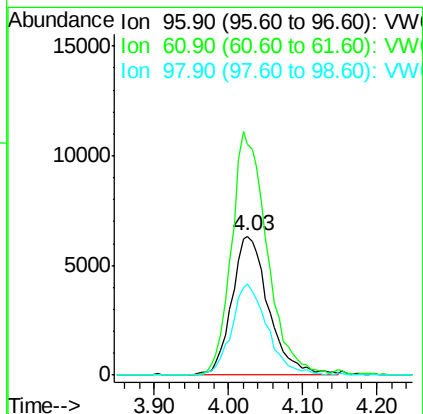
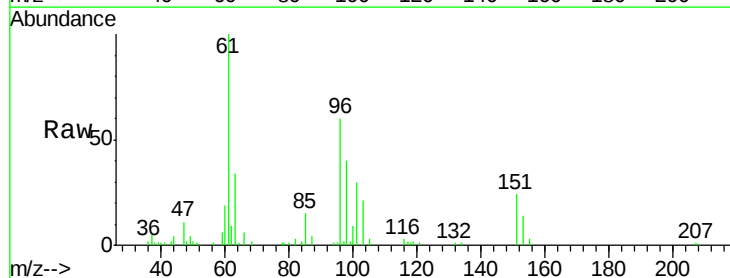
Tgt Ion: 59 Resp: 3520
 Ion Ratio Lower Upper
 59 100
 57 22.8 9.0 13.4#

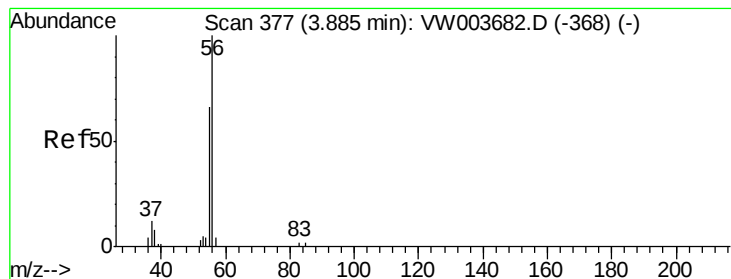


#12

1,1-Dichloroethene
 Concen: 9.653 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 96 Resp: 22009
 Ion Ratio Lower Upper
 96 100
 61 166.3 140.6 211.0
 98 65.7 49.4 74.0





#13

Acrolein

Concen: 33.218 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

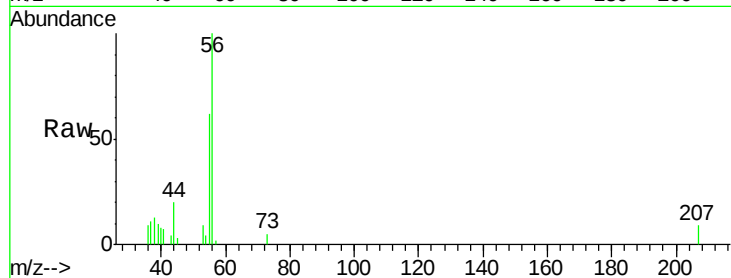
VSTDIC010

Tgt Ion: 56 Resp: 6028

Ion Ratio Lower Upper

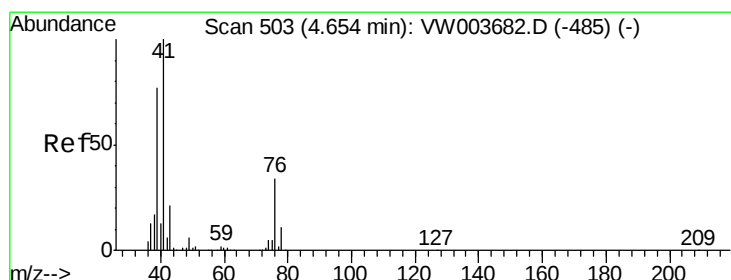
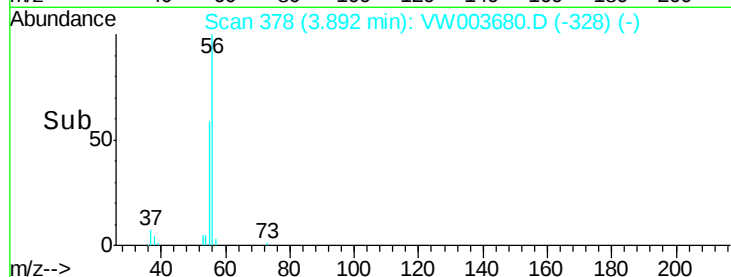
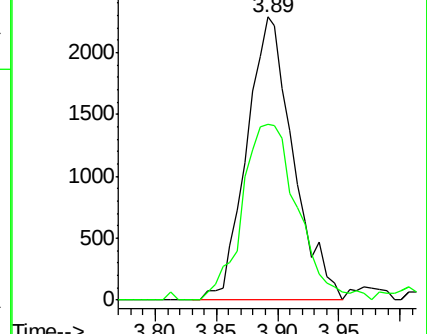
56 100

55 74.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 9.131 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

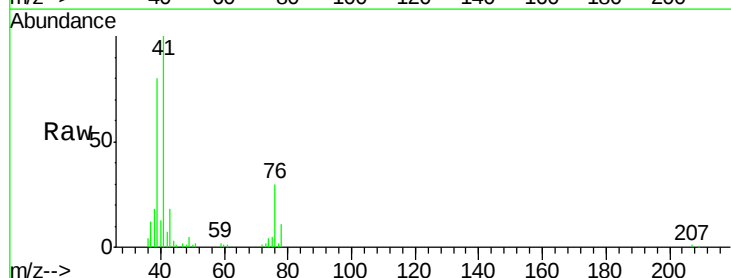
Tgt Ion: 41 Resp: 35857

Ion Ratio Lower Upper

41 100

39 79.9 60.1 90.1

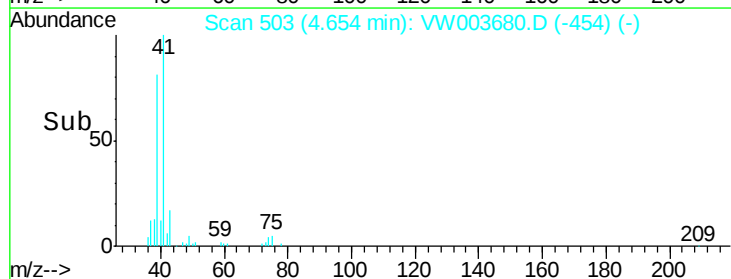
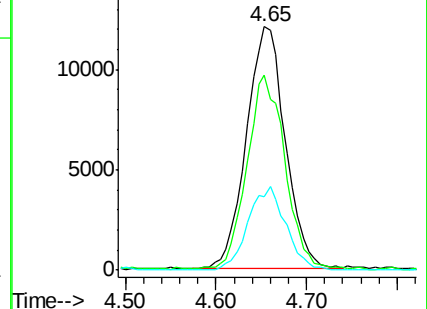
76 33.3 27.2 40.8

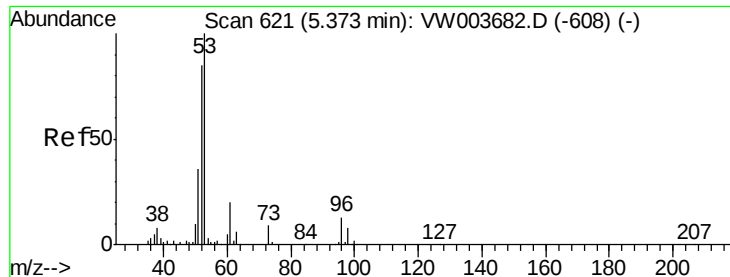


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 53.652 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

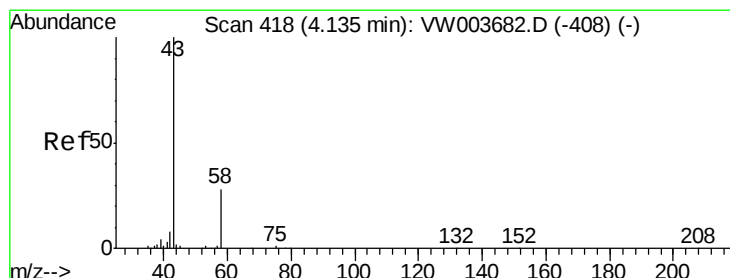
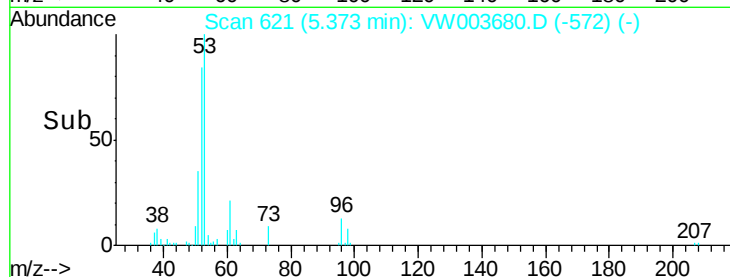
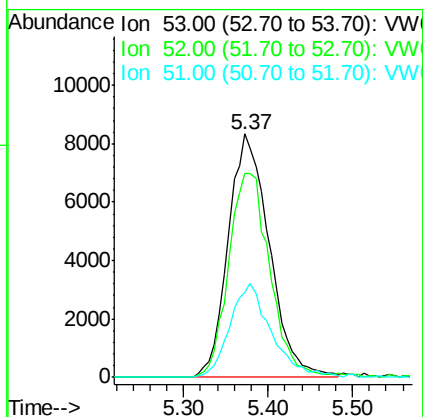
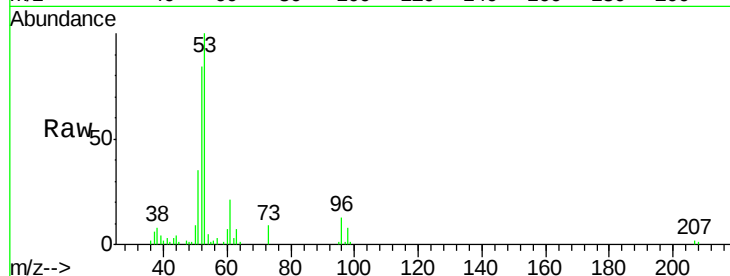
Tgt Ion: 53 Resp: 27670

Ion Ratio Lower Upper

53 100

52 83.3 66.8 100.2

51 38.6 30.2 45.4



#16

Acetone

Concen: 58.739 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW003680.D

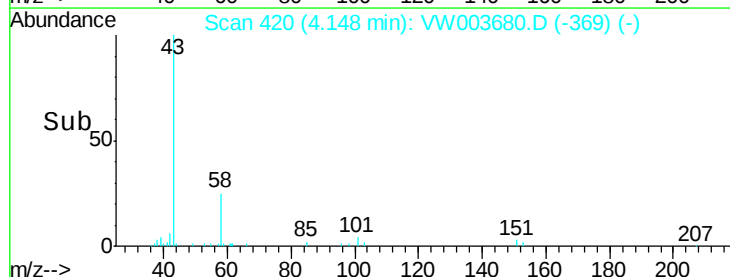
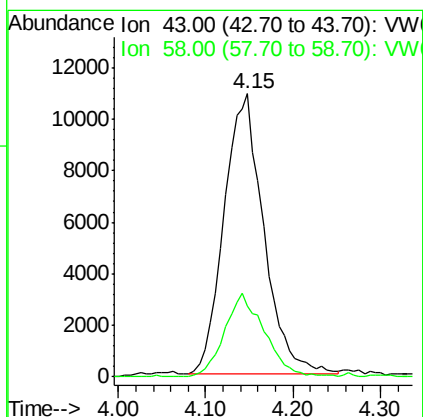
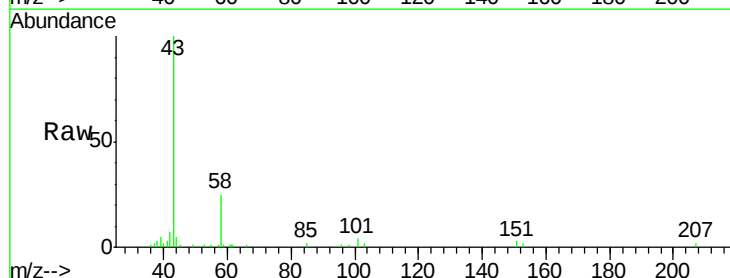
Acq: 02 Jul 2018 16:58

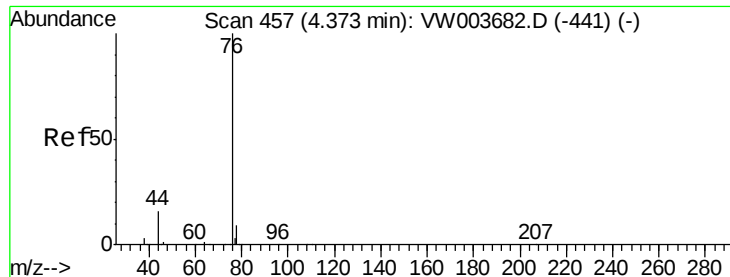
Tgt Ion: 43 Resp: 34077

Ion Ratio Lower Upper

43 100

58 25.5 22.7 34.1





#17

Carbon Disulfide

Concen: 8.647 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

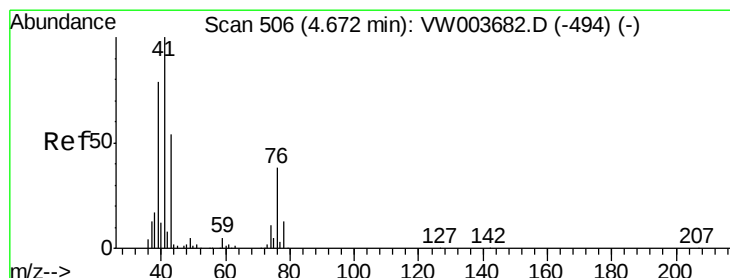
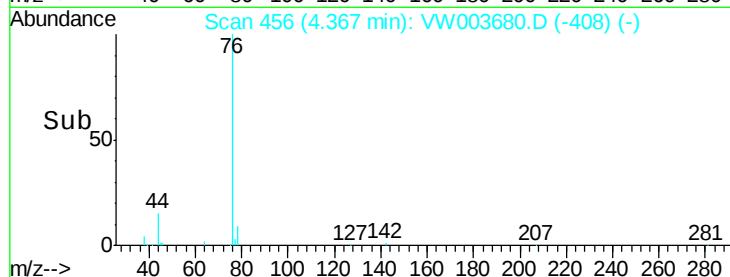
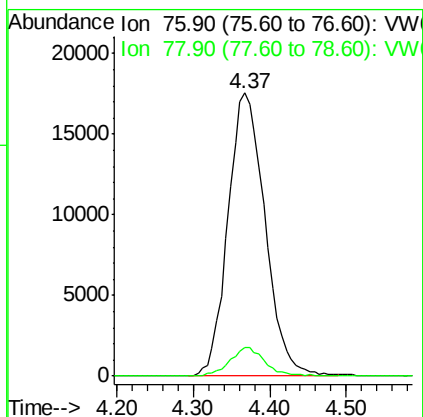
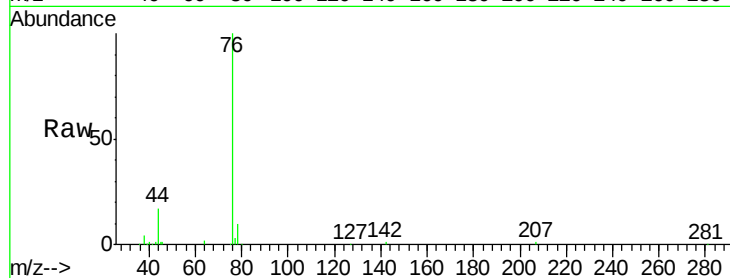
VSTDIC010

Tgt Ion: 76 Resp: 58977

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.2



#18

Methyl Acetate

Concen: 10.411 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003680.D

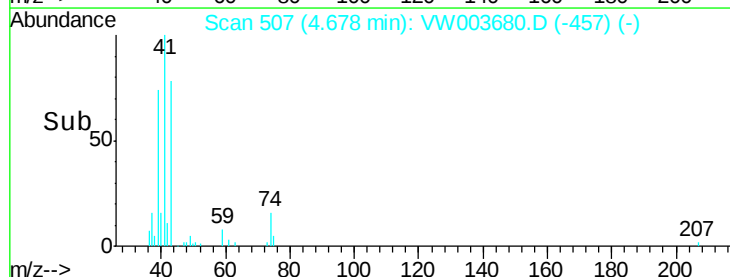
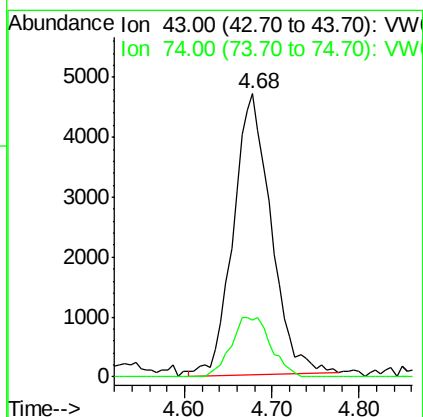
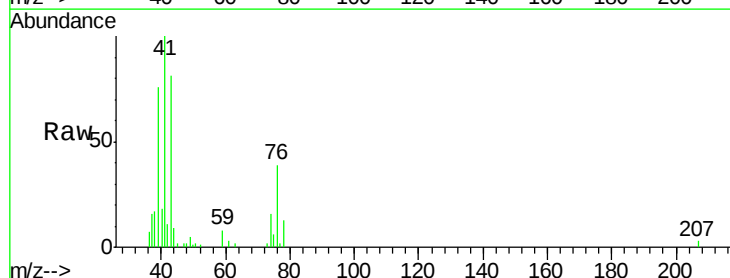
Acq: 02 Jul 2018 16:58

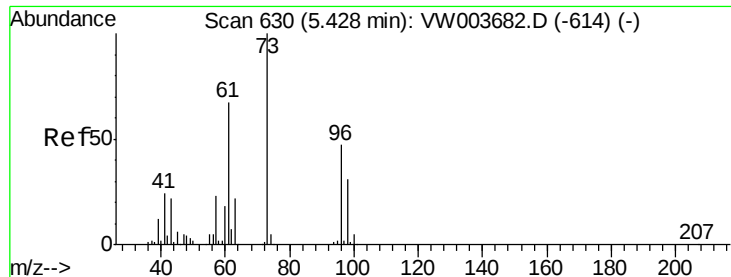
Tgt Ion: 43 Resp: 14041

Ion Ratio Lower Upper

43 100

74 22.2 18.2 27.2

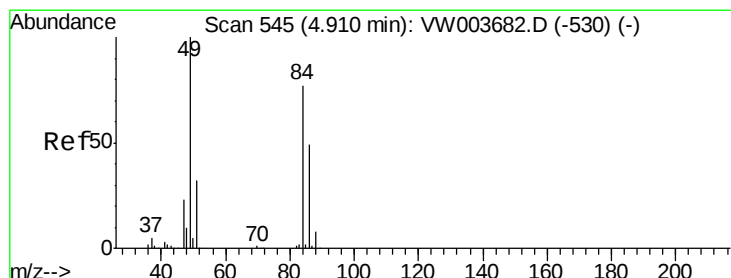
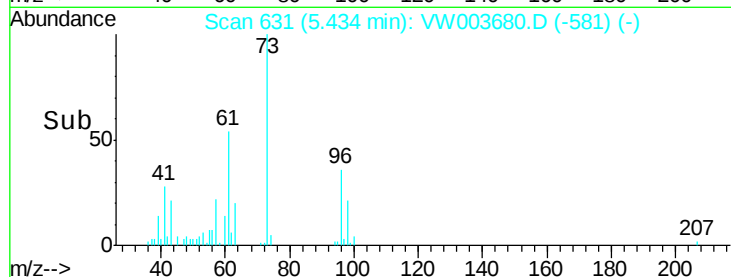
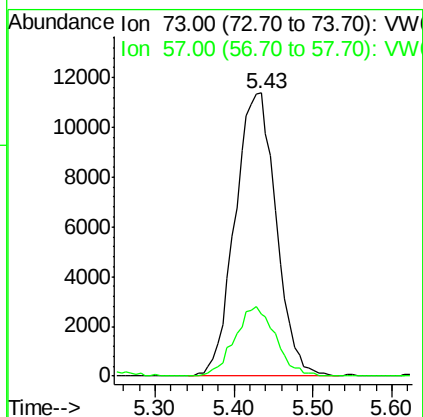
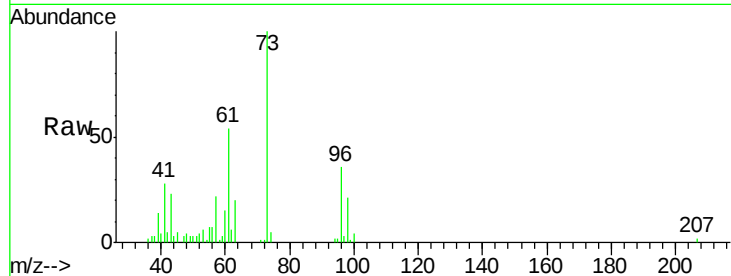




#19
Methyl tert-butyl Ether
Concen: 9.632 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

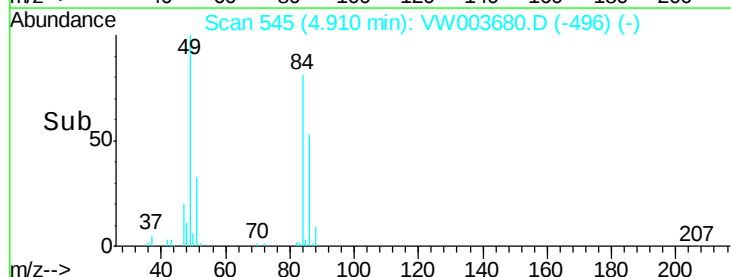
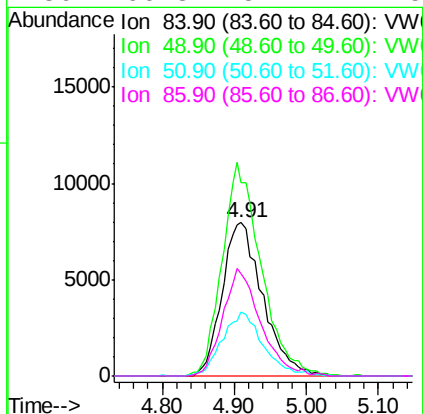
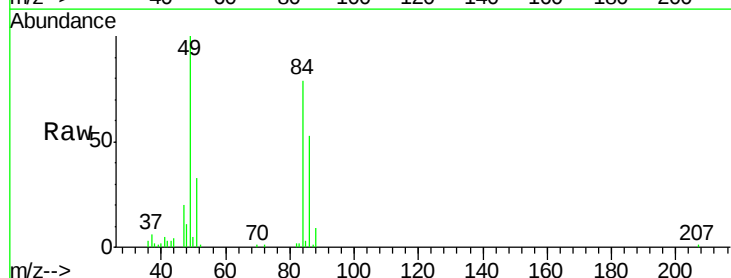
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

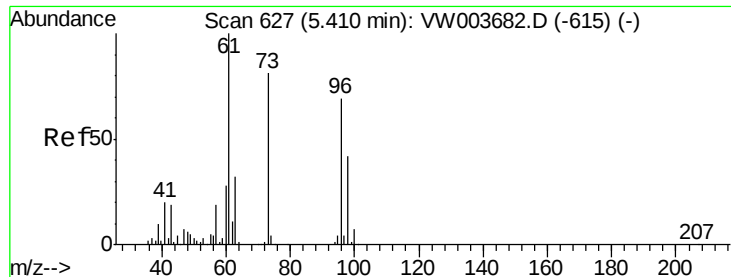
Tgt Ion: 73 Resp: 41180
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1



#20
Methylene Chloride
Concen: 11.055 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 84 Resp: 31158
Ion Ratio Lower Upper
84 100
49 125.1 104.6 156.8
51 41.3 33.2 49.8
86 66.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 9.224 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

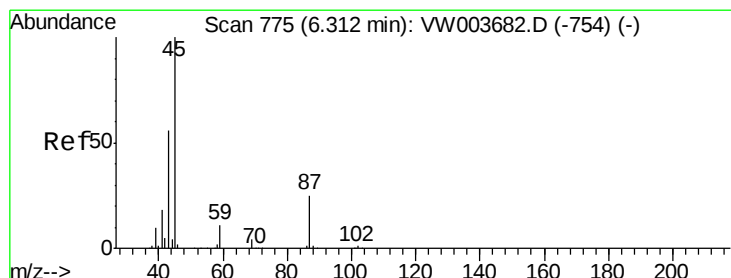
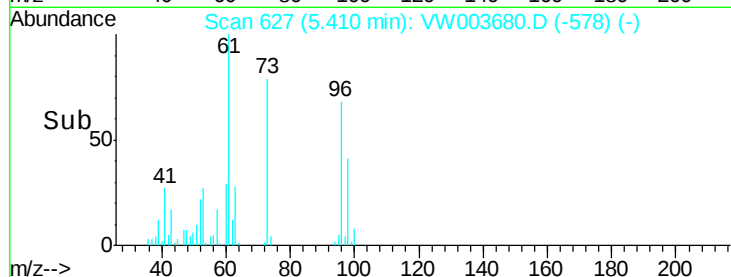
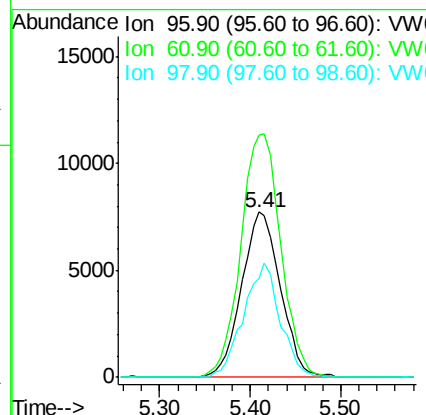
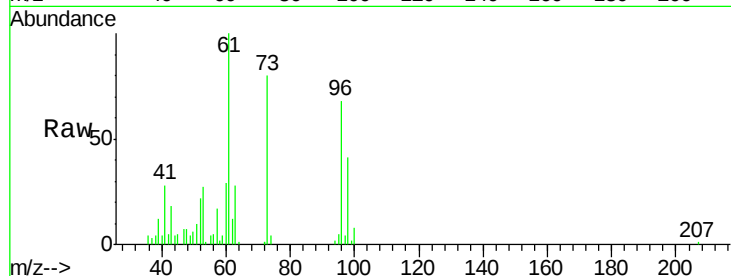
Tgt Ion: 96 Resp: 22954

Ion Ratio Lower Upper

96 100

61 146.2 116.8 175.2

98 59.5 49.6 74.4



#22

Diisopropyl ether

Concen: 9.710 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Tgt Ion: 45 Resp: 77002

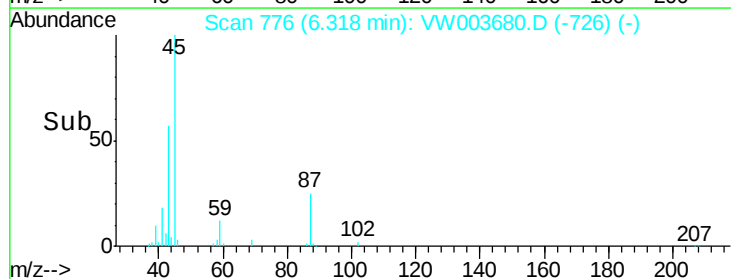
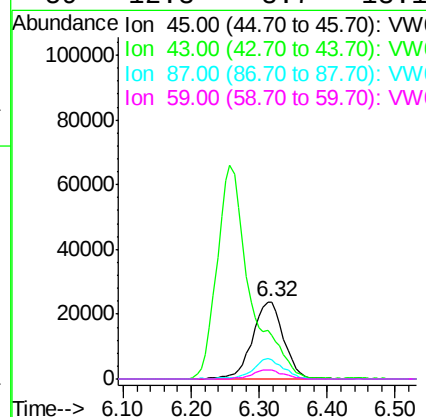
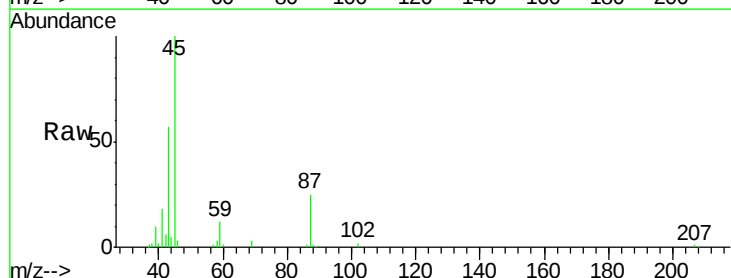
Ion Ratio Lower Upper

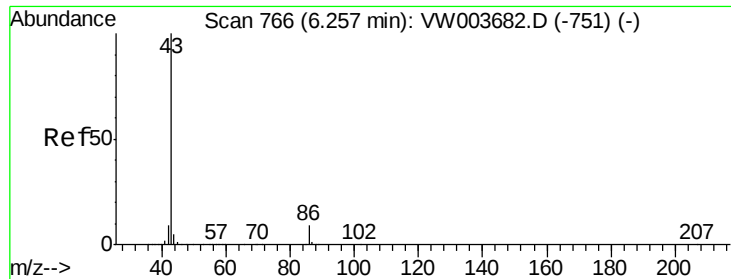
45 100

43 55.7 44.5 66.7

87 25.4 20.2 30.4

59 12.3 8.7 13.1





#23

Vinyl Acetate

Concen: 47.851 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

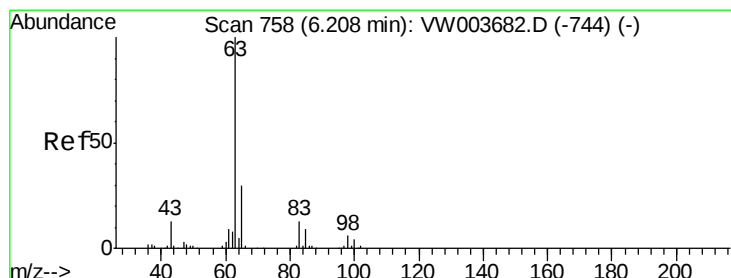
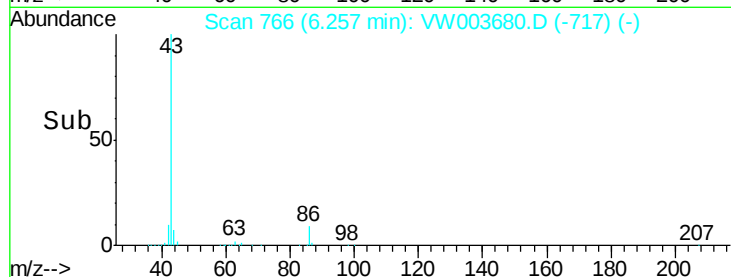
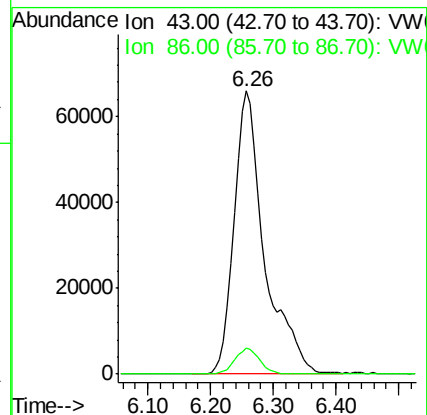
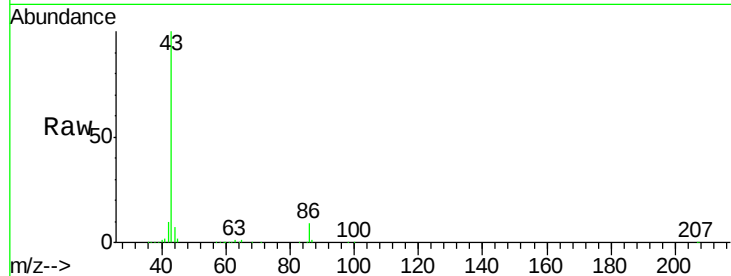
VSTDIC010

Tgt Ion: 43 Resp: 221766

Ion Ratio Lower Upper

43 100

86 9.1 7.5 11.3



#24

1,1-Dichloroethane

Concen: 9.970 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

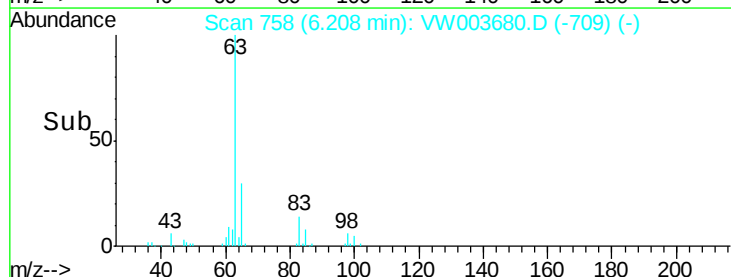
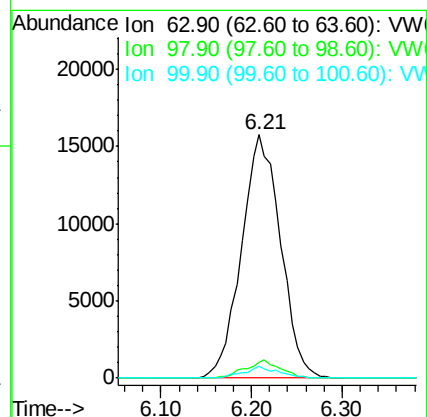
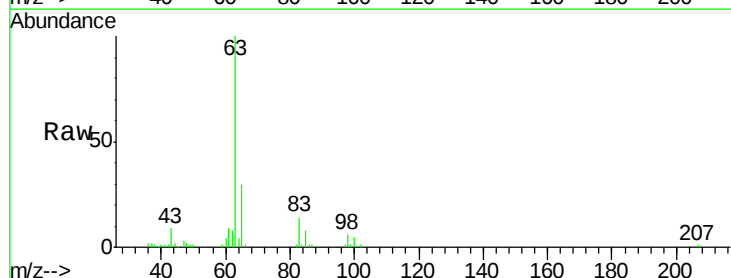
Tgt Ion: 63 Resp: 46934

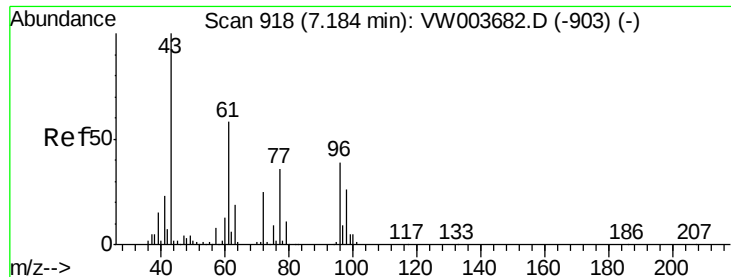
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.6

100 4.8 1.9 5.7

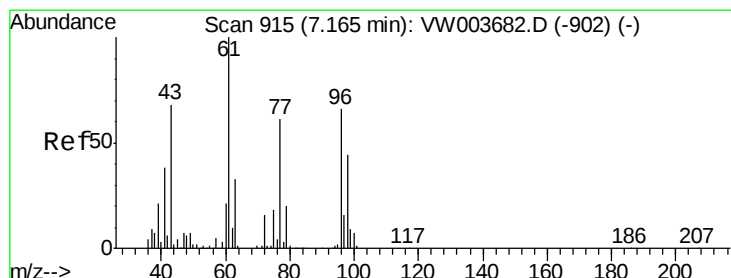
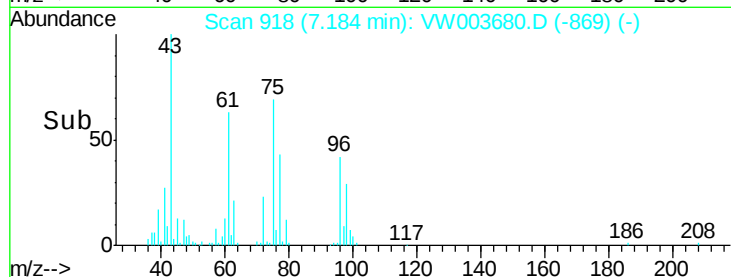
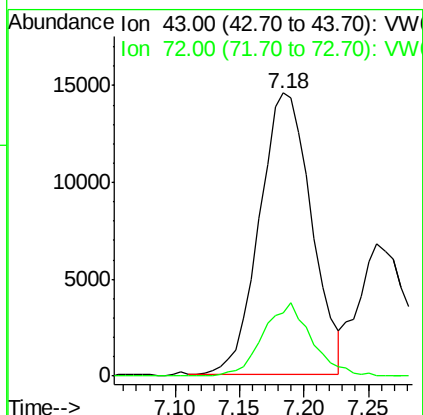
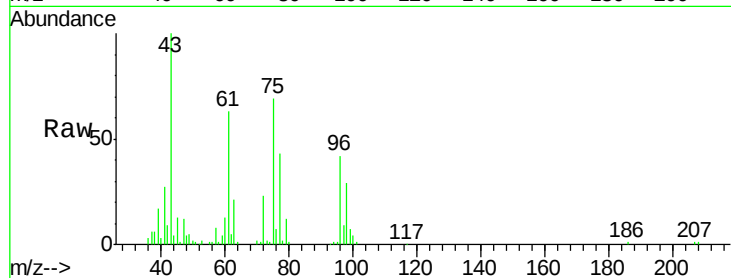




#25
2-Butanone
Concen: 56.171 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

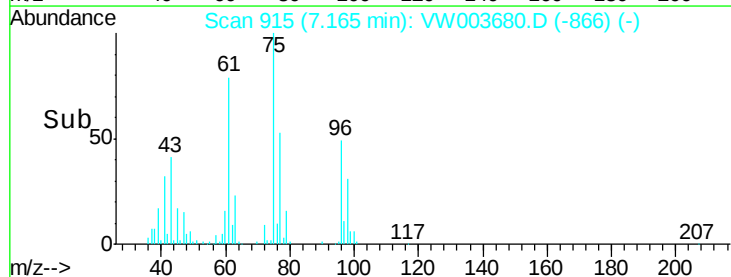
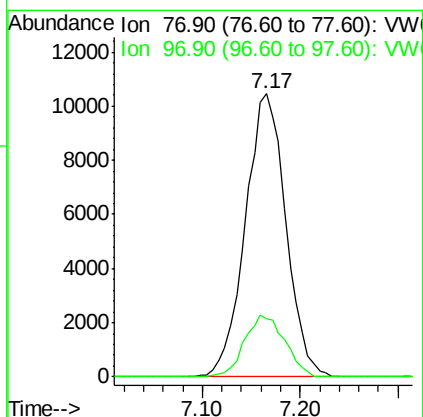
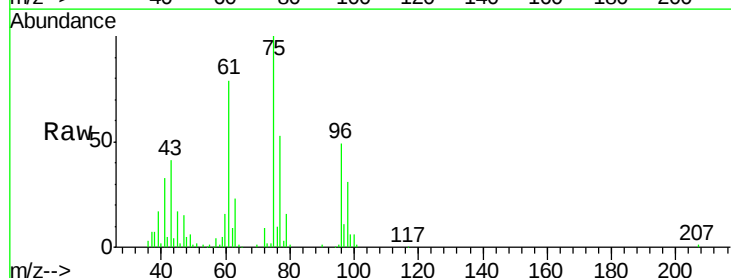
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

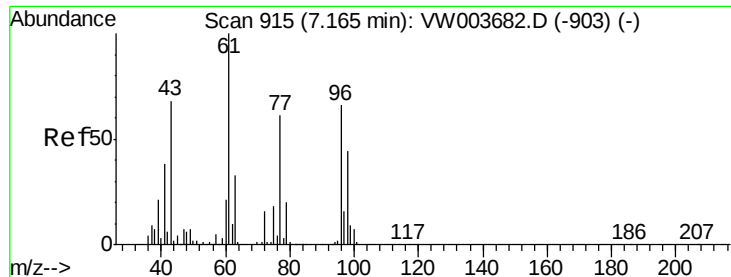
Tgt Ion: 43 Resp: 40848
Ion Ratio Lower Upper
43 100
72 22.6 20.2 30.4



#26
2,2-Dichloropropane
Concen: 9.740 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 77 Resp: 30047
Ion Ratio Lower Upper
77 100
97 21.6 11.7 35.1



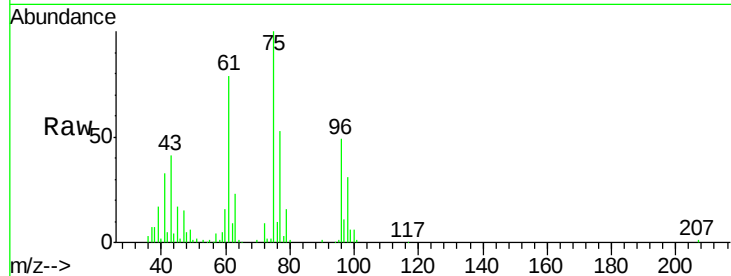


#27

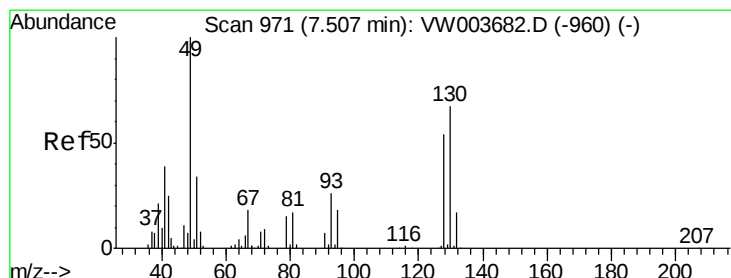
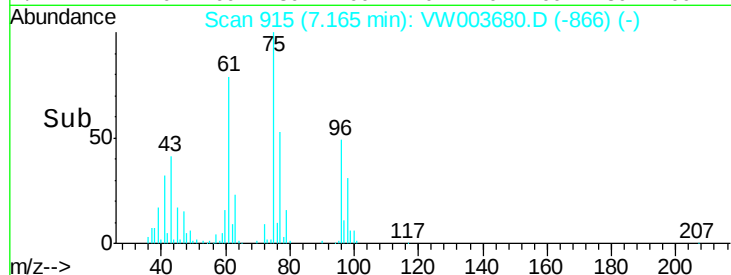
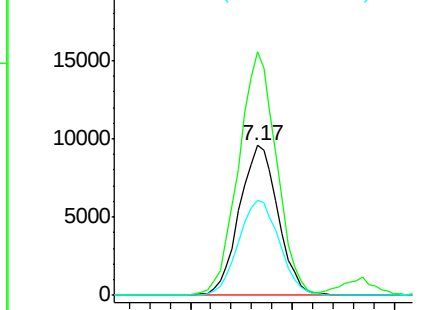
cis-1,2-Dichloroethene
 Concen: 9.342 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 25297
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 305.0
 98 66.2 0.0 129.6



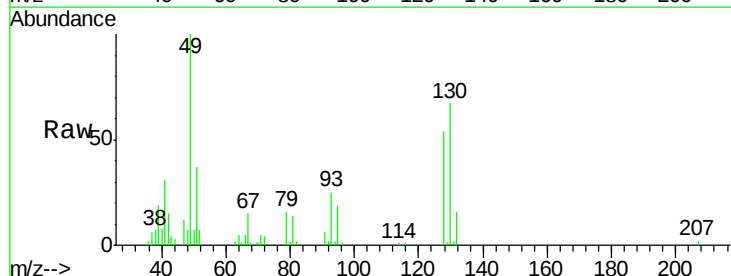
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



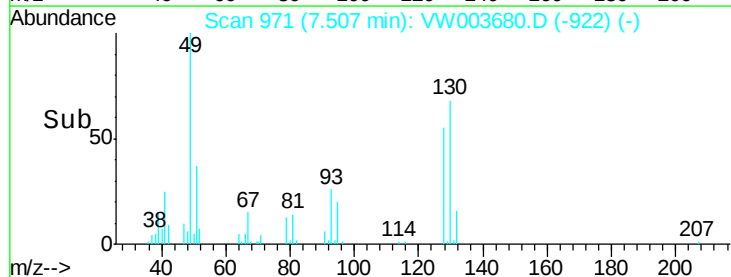
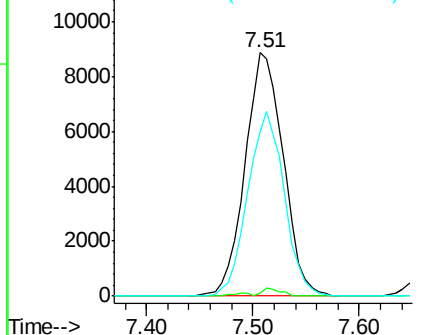
#28

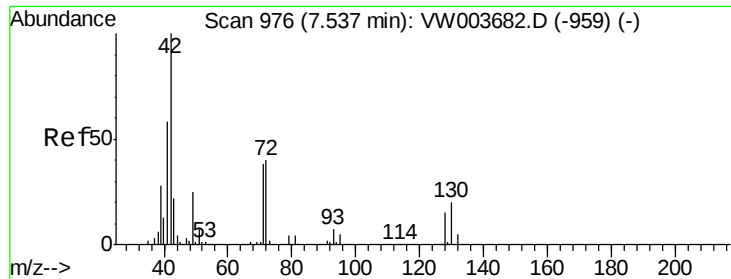
Bromochloromethane
 Concen: 11.407 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 49 Resp: 22291
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 72.6 57.0 85.6



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

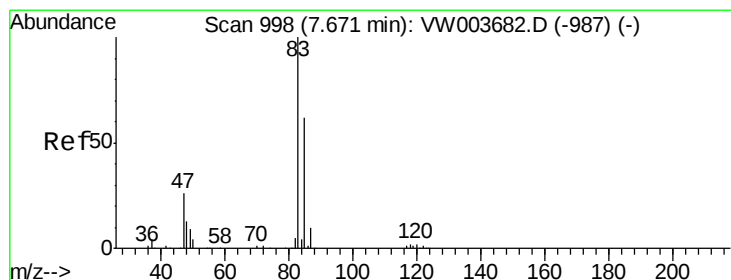
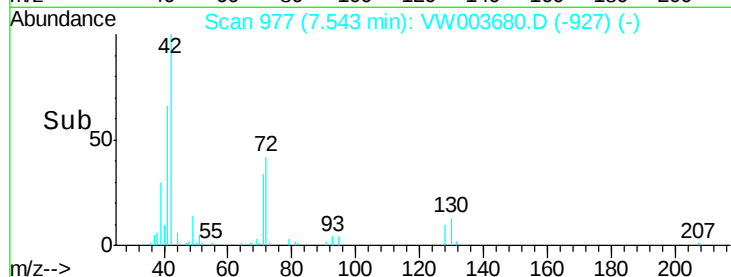
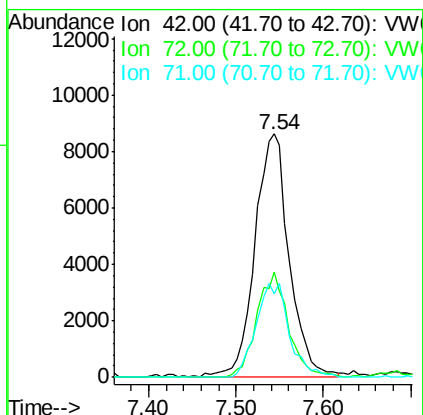
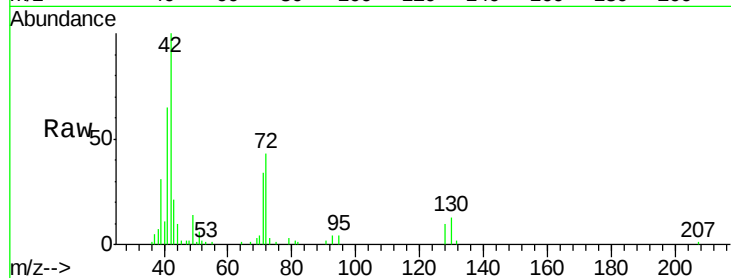




#29
Tetrahydrofuran
Concen: 52.787 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

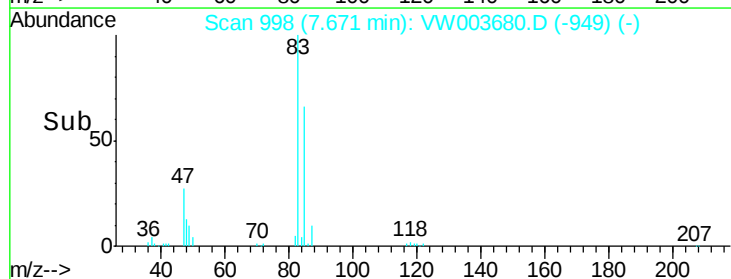
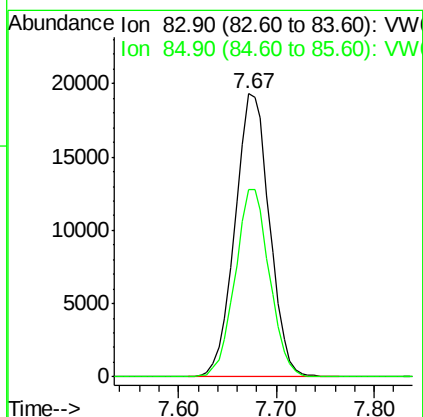
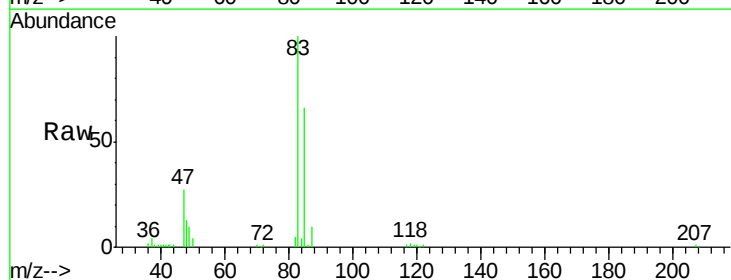
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

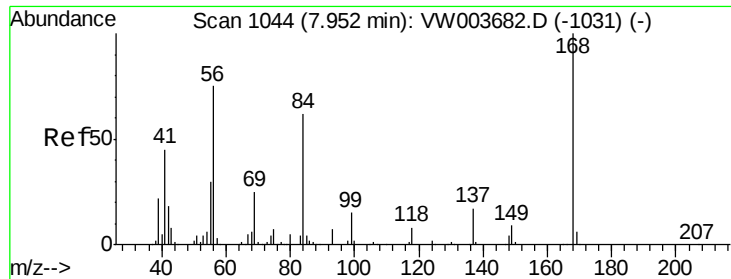
Tgt Ion: 42 Resp: 23549
Ion Ratio Lower Upper
42 100
72 40.0 32.0 48.0
71 37.6 30.2 45.2



#30
Chloroform
Concen: 9.889 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 83 Resp: 47245
Ion Ratio Lower Upper
83 100
85 66.3 49.7 74.5

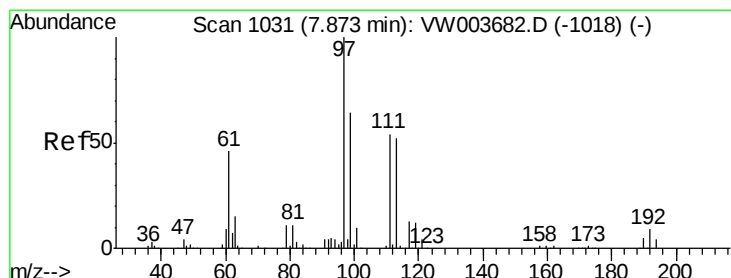
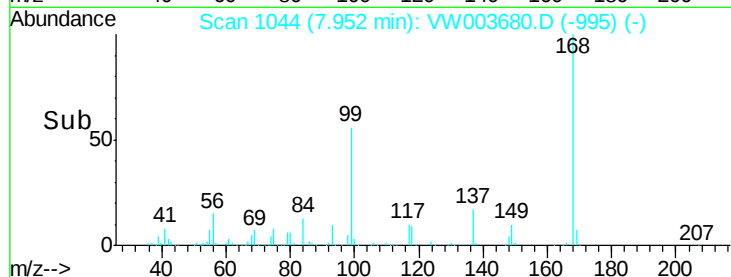
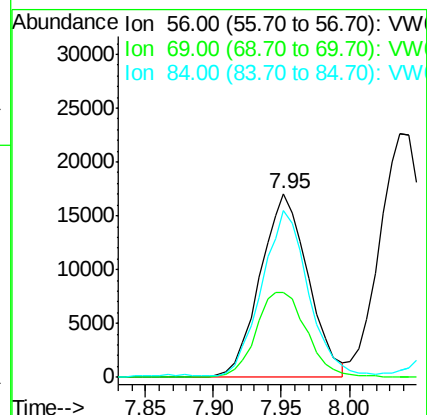
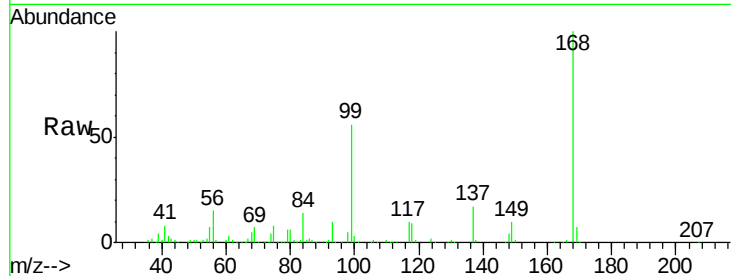




#31
Cyclohexane
Concen: 9.517 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

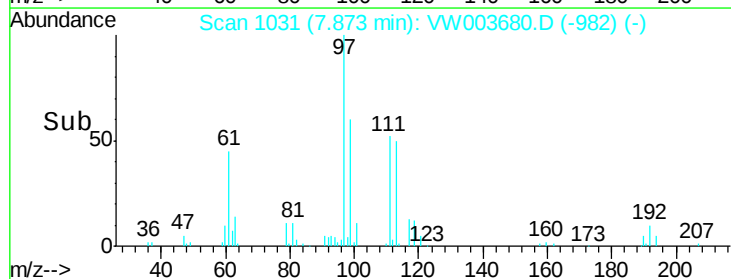
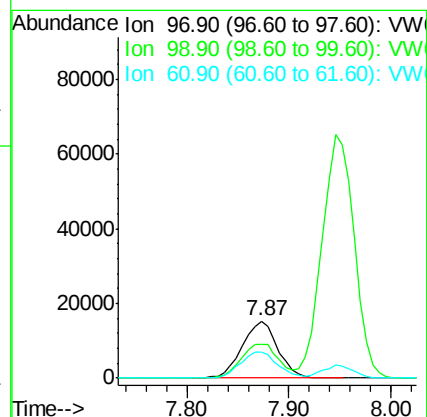
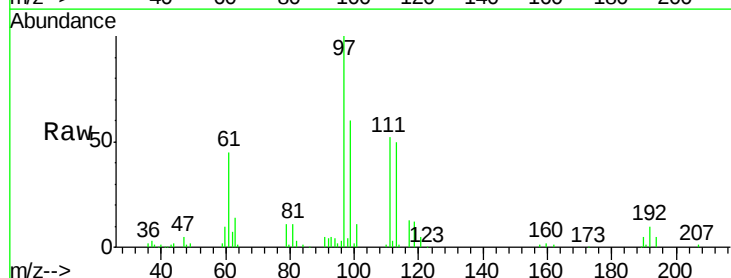
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

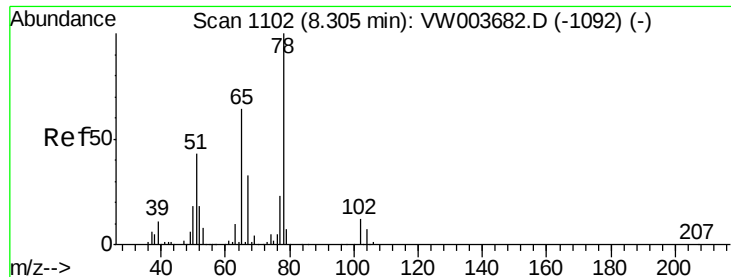
Tgt Ion: 56 Resp: 41986
Ion Ratio Lower Upper
56 100
69 46.2 27.0 40.4#
84 89.6 65.4 98.0



#32
1,1,1-Trichloroethane
Concen: 9.433 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 97 Resp: 36881
Ion Ratio Lower Upper
97 100
99 62.8 50.6 76.0
61 48.3 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 10.645 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

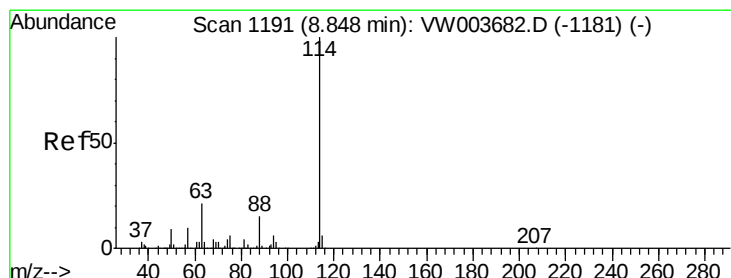
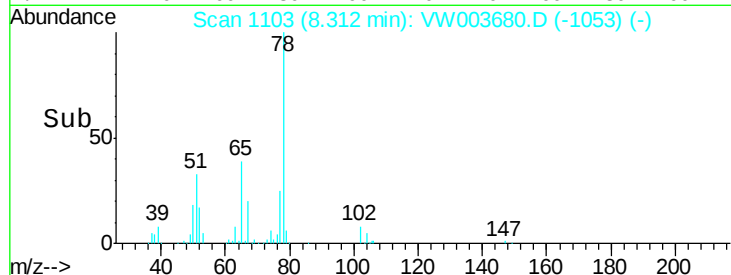
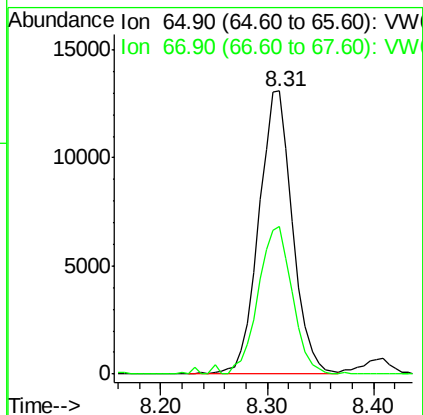
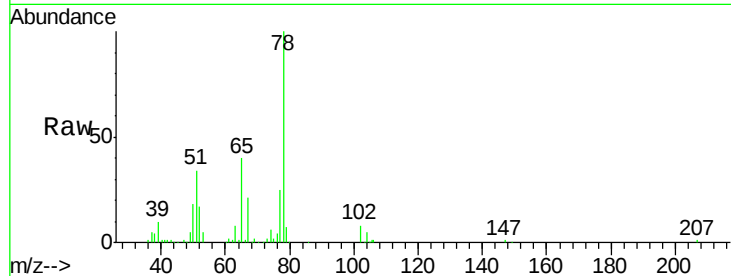
VSTDIC010

Tgt Ion: 65 Resp: 29019

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

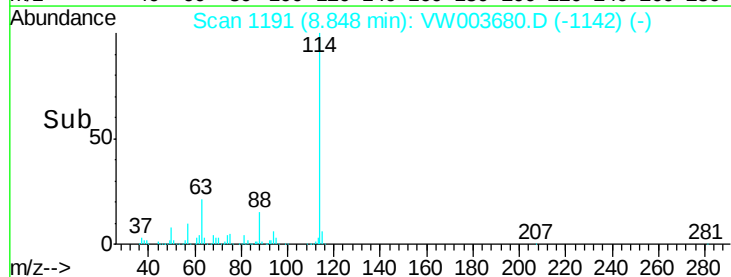
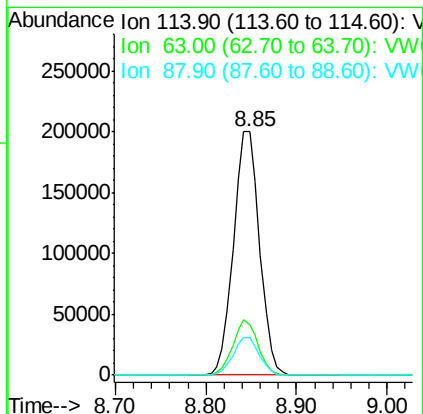
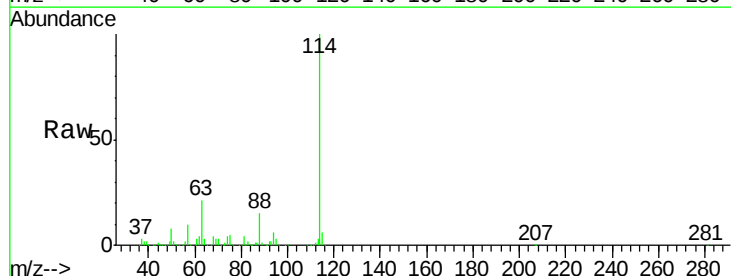
Tgt Ion: 114 Resp: 397549

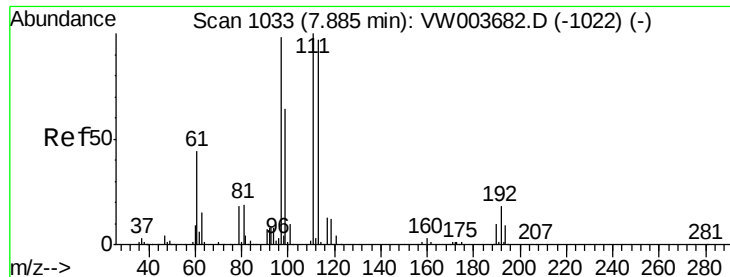
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

88 15.4 0.0 29.8

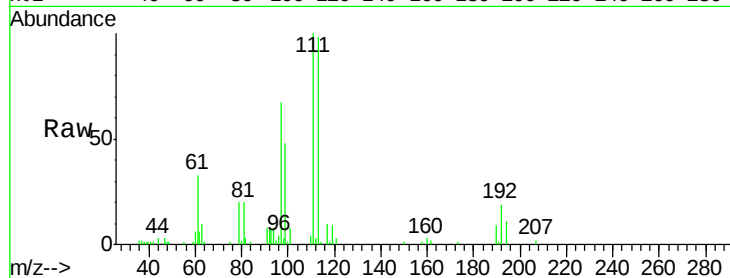




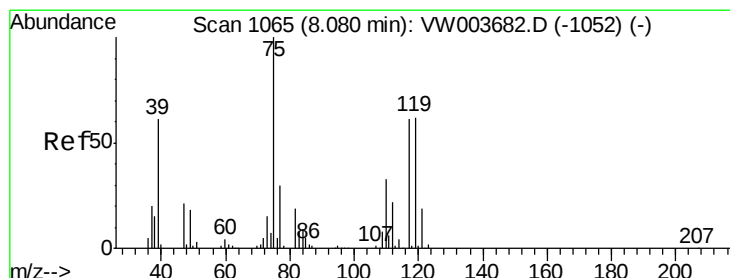
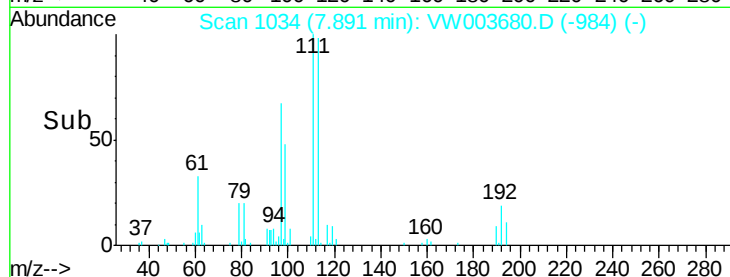
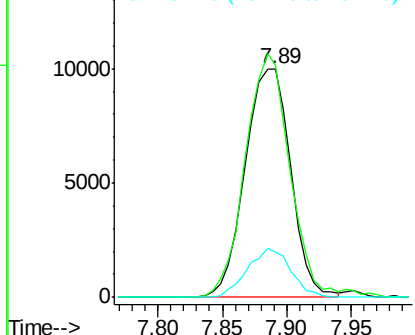
#35
 Dibromofluoromethane
 Concen: 9.790 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 113 Resp: 24573
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.4 123.6
 192 20.3 15.8 23.6

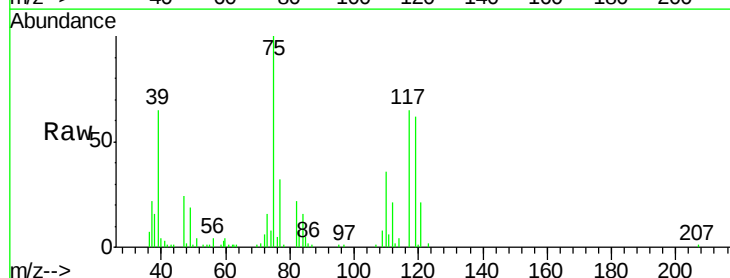


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

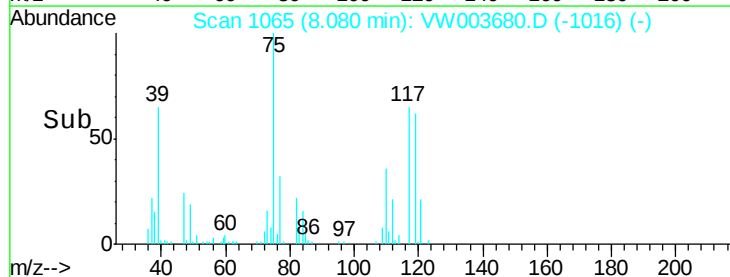
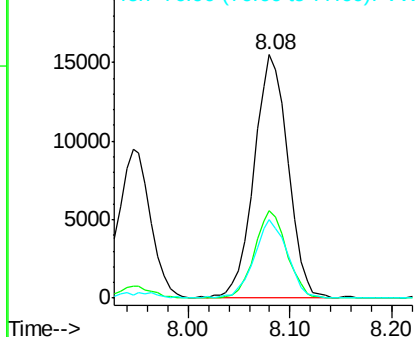


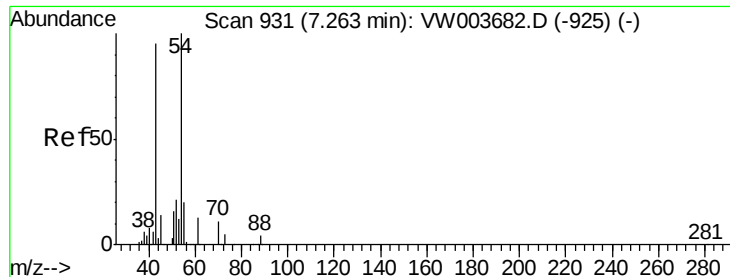
#36
 1,1-Dichloropropene
 Concen: 9.198 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 75 Resp: 35972
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 31.5 24.9 37.3



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

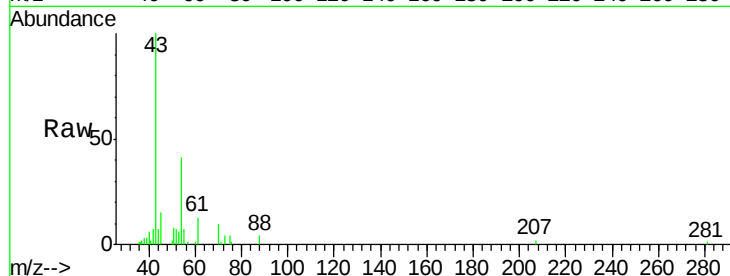




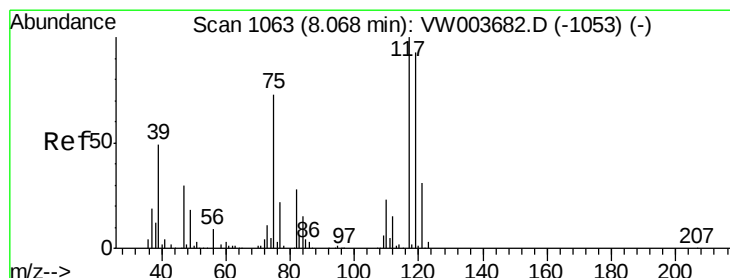
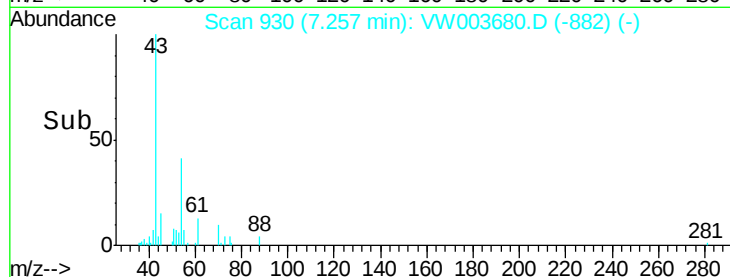
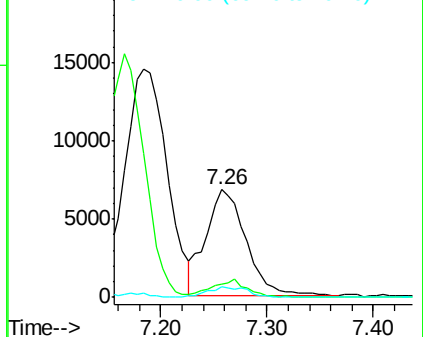
#37
Ethyl Acetate
Concen: 10.647 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 17652
Ion Ratio Lower Upper
43 100
61 14.6 10.5 15.7
70 9.8 7.7 11.5

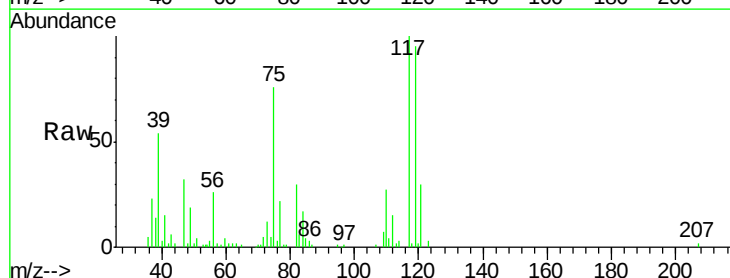


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

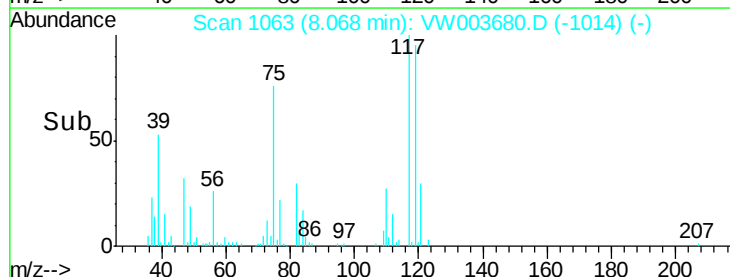
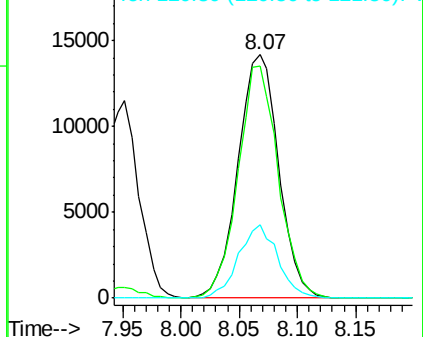


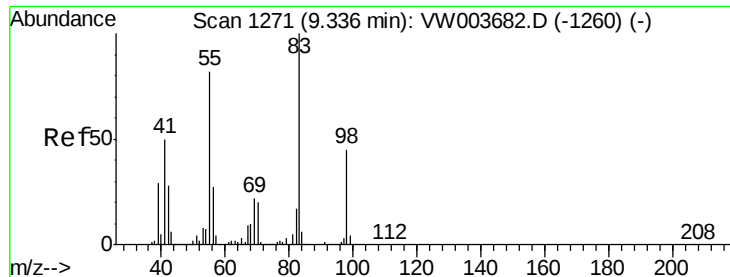
#38
Carbon Tetrachloride
Concen: 9.105 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 117 Resp: 34633
Ion Ratio Lower Upper
117 100
119 95.5 74.1 111.1
121 30.2 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

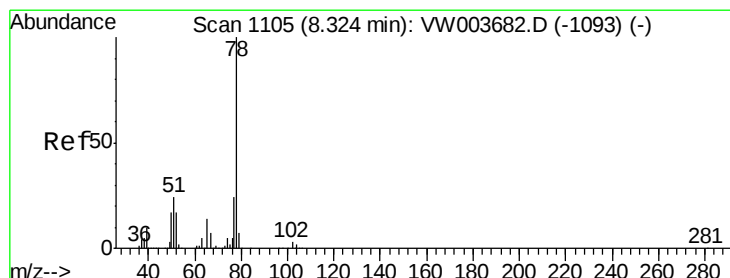
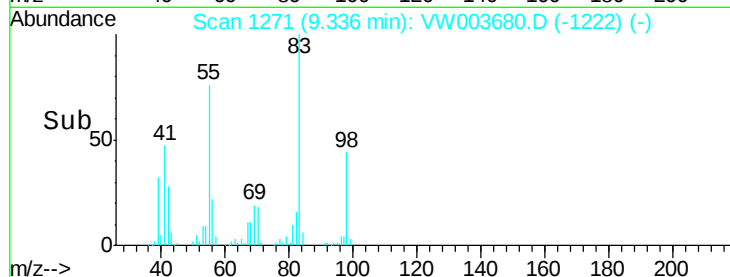
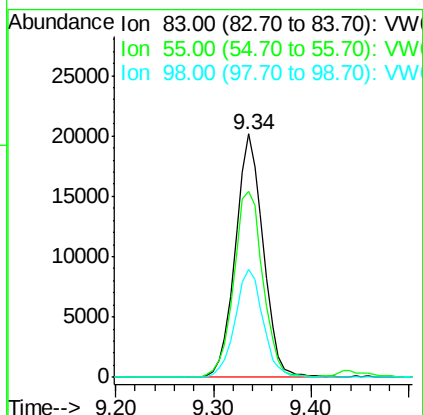
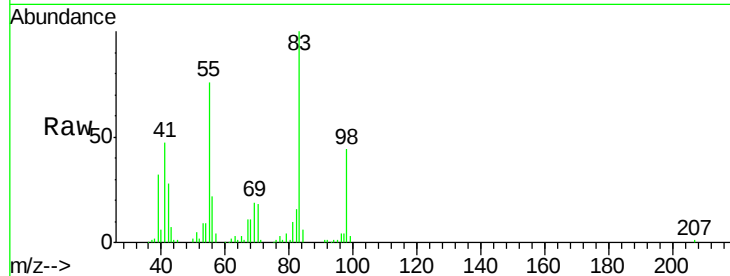




#39
Methylcyclohexane
Concen: 8.749 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

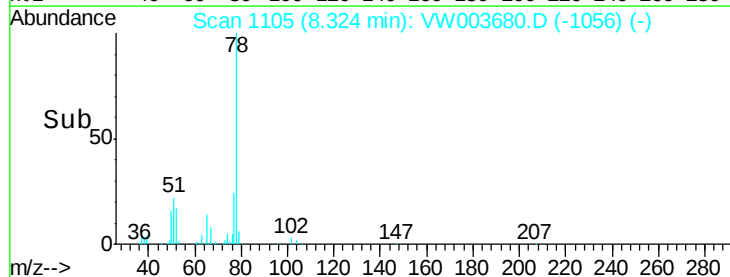
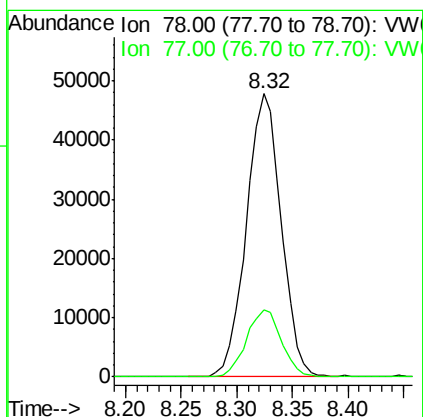
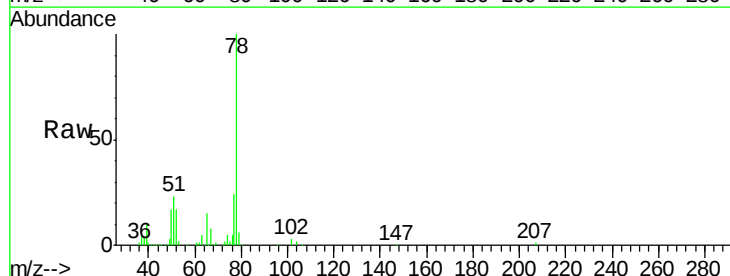
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

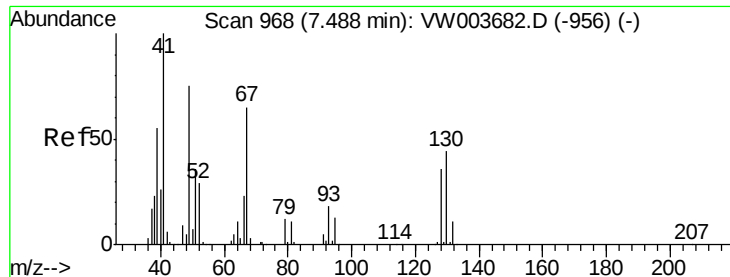
Tgt Ion: 83 Resp: 39709
Ion Ratio Lower Upper
83 100
55 76.2 65.3 97.9
98 44.2 36.3 54.5



#40
Benzene
Concen: 9.648 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 78 Resp: 104046
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

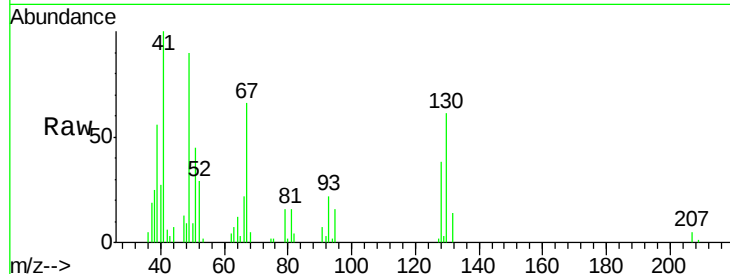




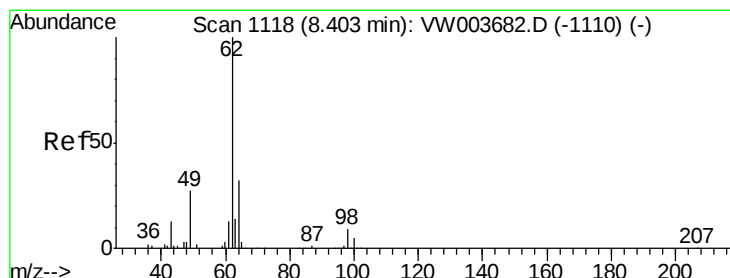
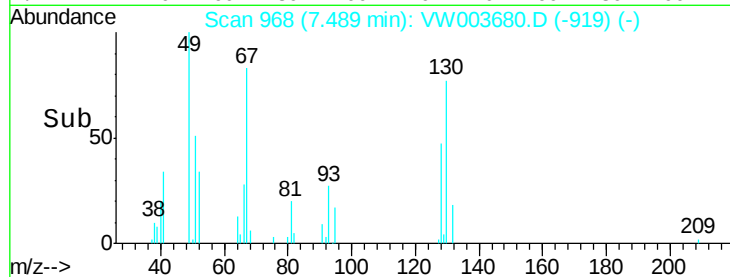
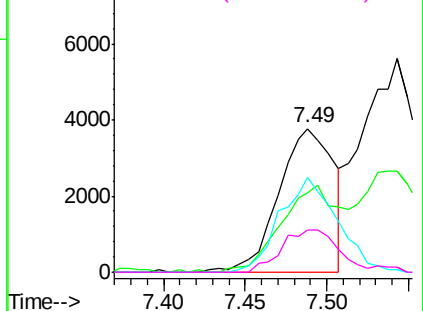
#41
Methacrylonitrile
Concen: 8.768 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:	41	Resp:	8806
Ion	Ratio	Lower	Upper
41	100		
39	65.9	47.8	71.8
67	68.9	53.9	80.9
52	32.1	25.0	37.6

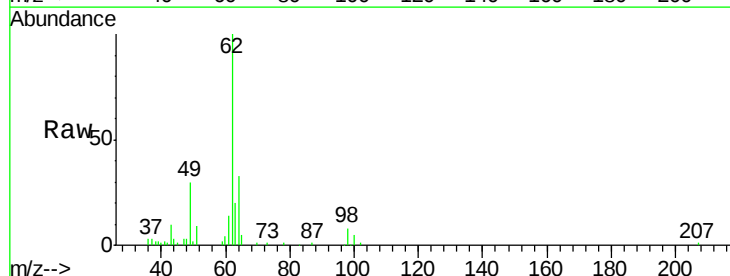


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

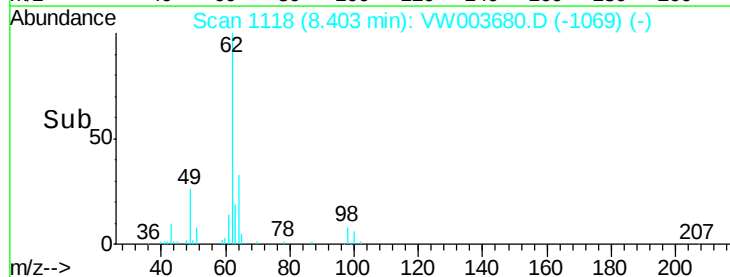
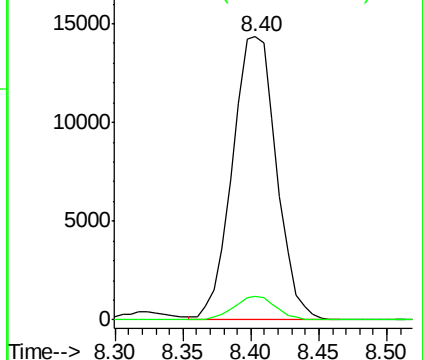


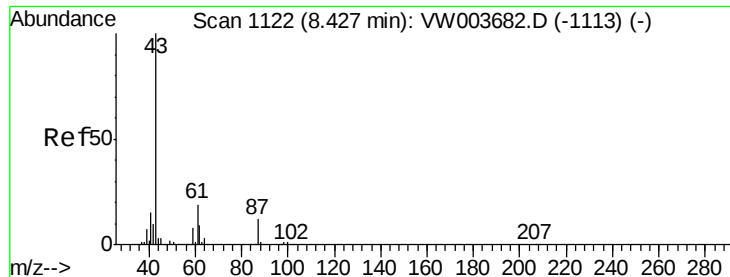
#42
1,2-Dichloroethane
Concen: 9.611 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion:	62	Resp:	32436
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 9.666 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

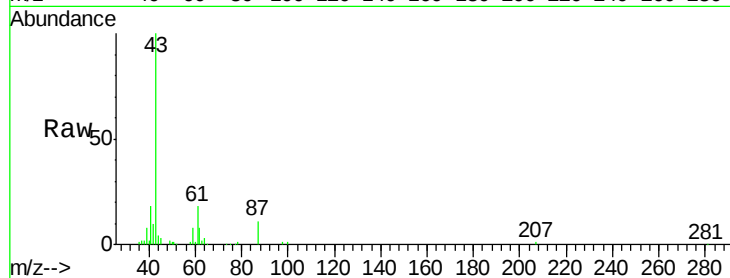
Tgt Ion: 43 Resp: 31468

Ion Ratio Lower Upper

43 100

61 29.8 23.0 34.6

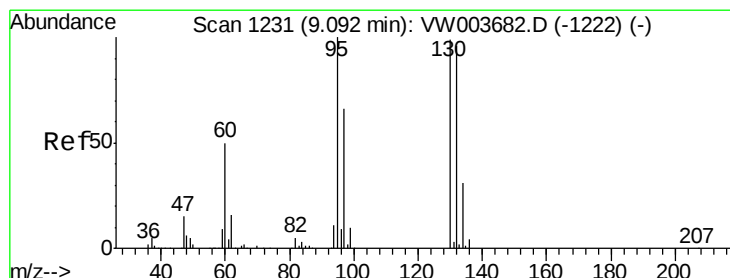
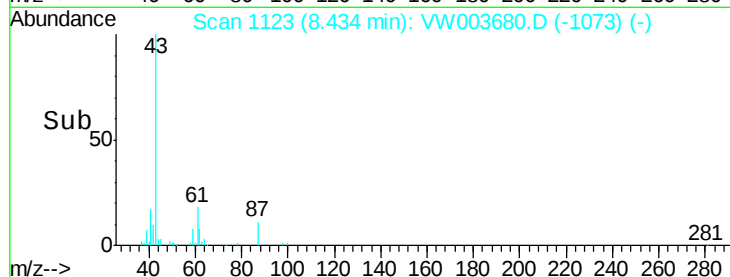
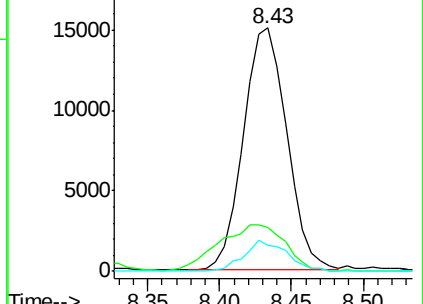
87 12.7 9.8 14.6



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: 9.532 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003680.D

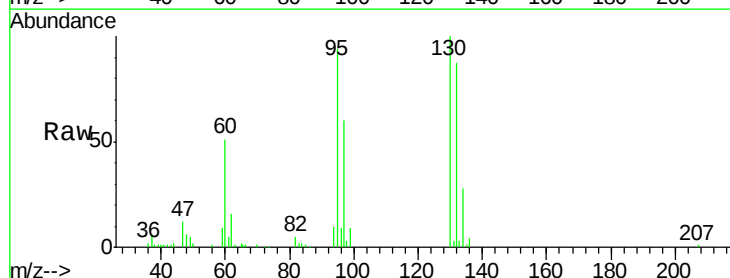
Acq: 02 Jul 2018 16:58

Tgt Ion: 130 Resp: 27001

Ion Ratio Lower Upper

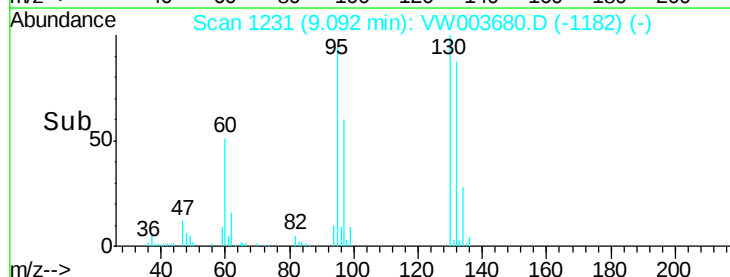
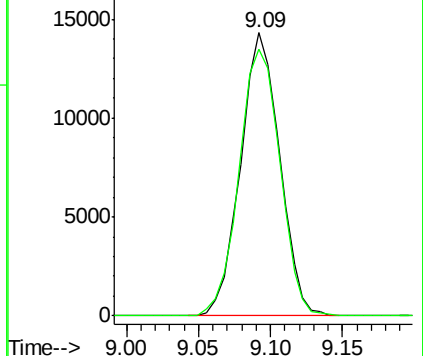
130 100

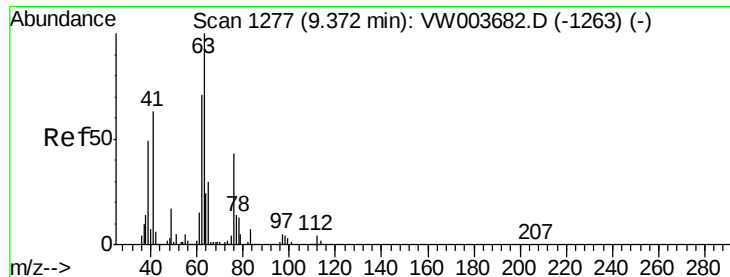
95 94.3 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

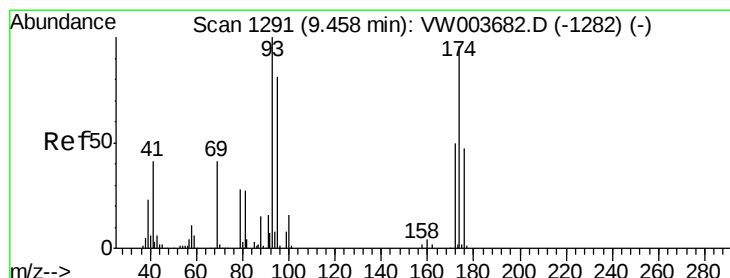
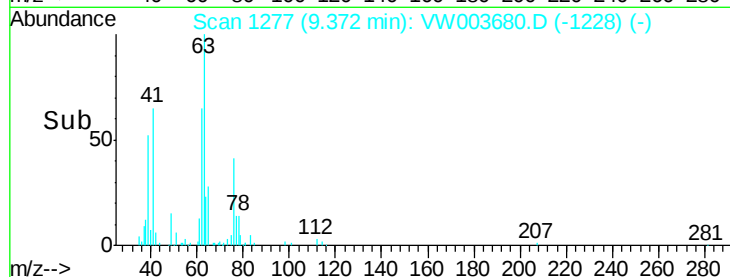
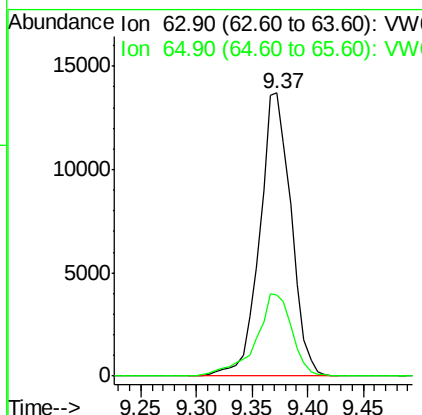
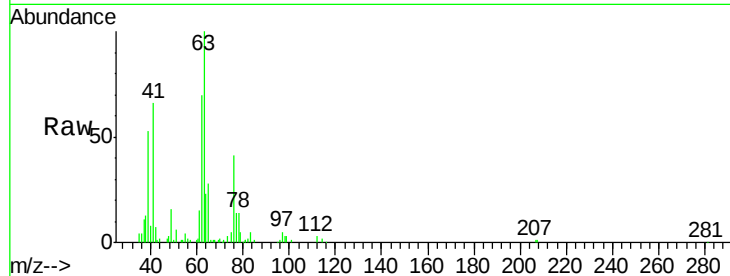




#45
 1,2-Dichloropropane
 Concen: 9.830 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

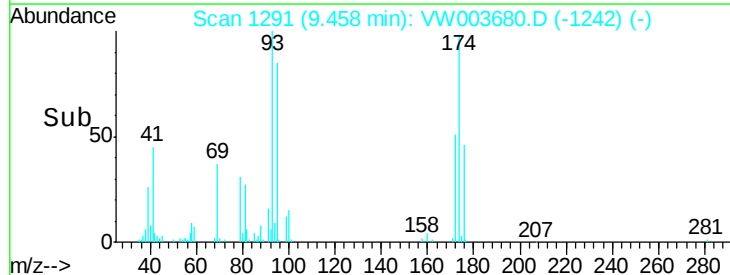
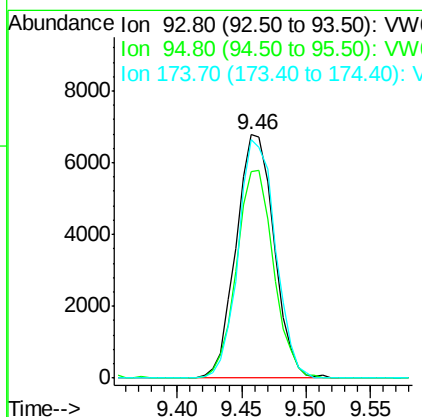
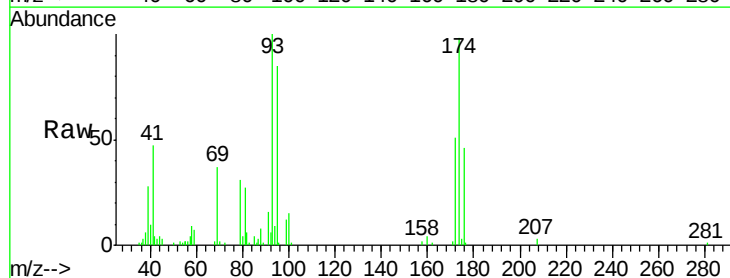
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

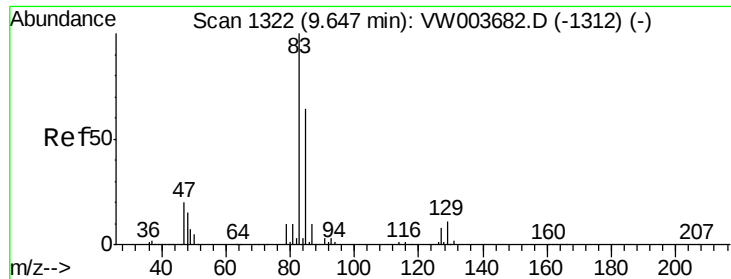
Tgt Ion: 63 Resp: 26985
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.3 36.5



#46
 Dibromomethane
 Concen: 9.815 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 93 Resp: 13851
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 95.2 79.6 119.4





#47

Bromodichloromethane

Concen: 9.573 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

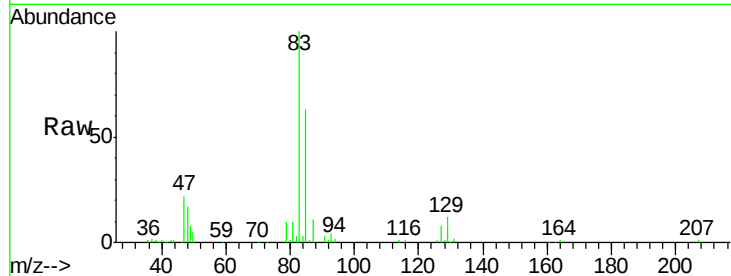
Tgt Ion: 83 Resp: 34438

Ion Ratio Lower Upper

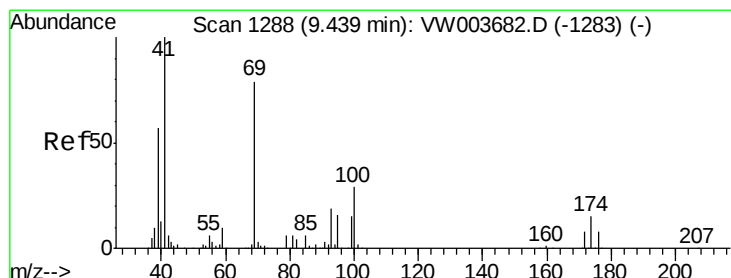
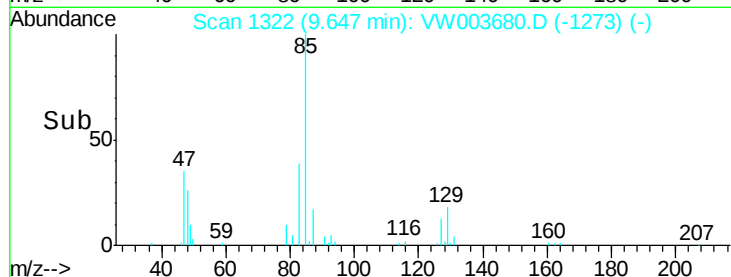
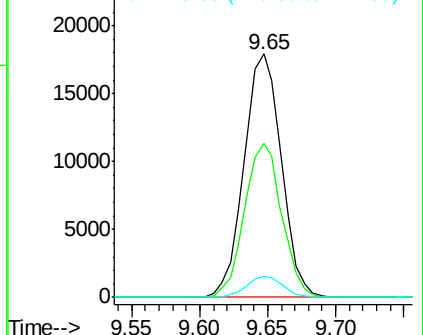
83 100

85 63.3 51.1 76.7

127 8.4 6.5 9.7



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: 9.039 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

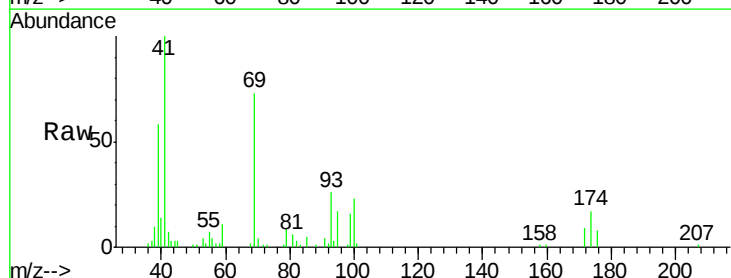
Tgt Ion: 41 Resp: 13873

Ion Ratio Lower Upper

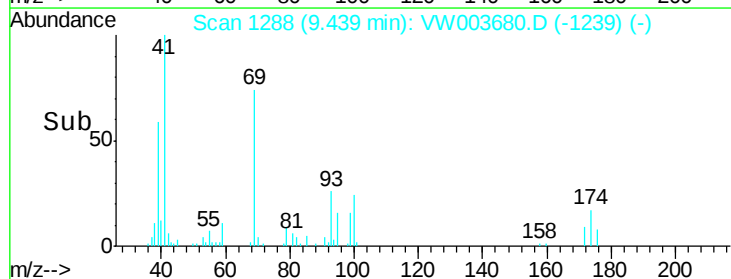
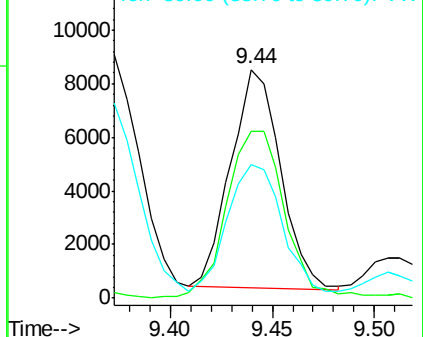
41 100

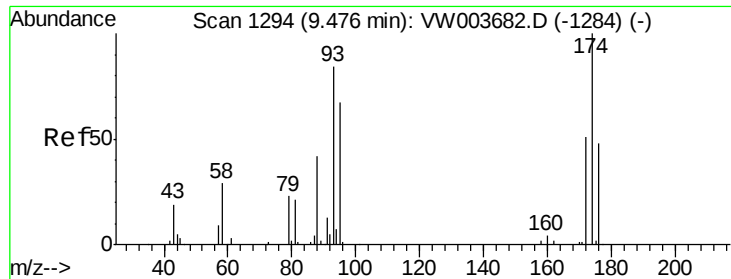
69 89.6 65.4 98.2

39 68.5 50.0 75.0



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

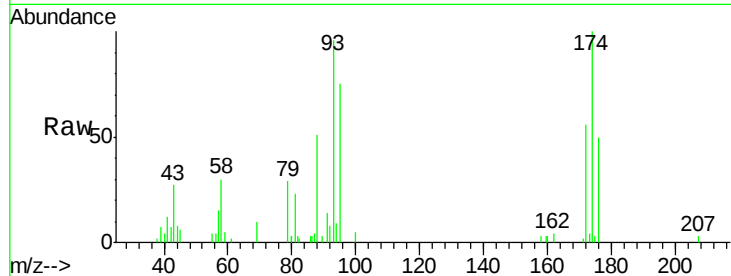




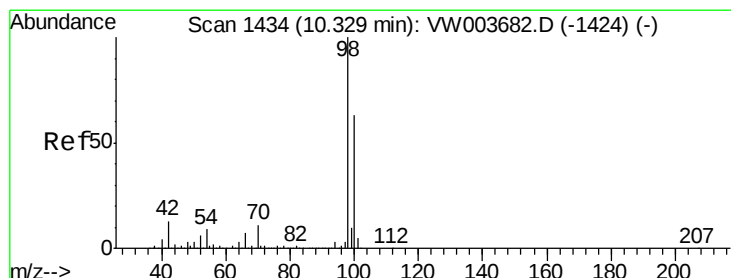
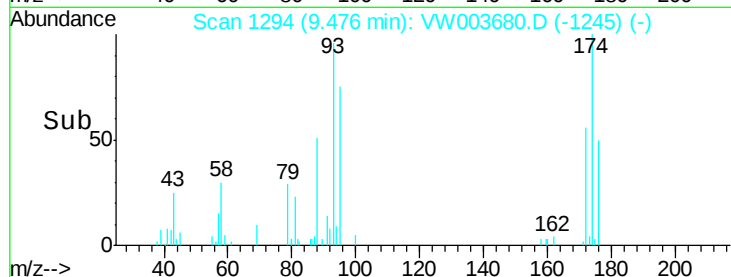
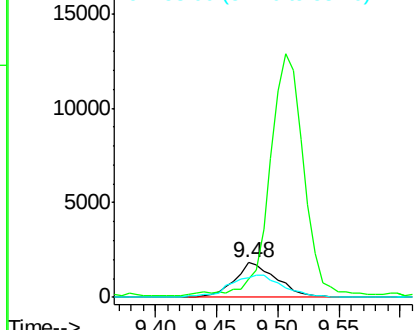
#49
1,4-Dioxane
Concen: 205.039 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 4378
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.0 61.8 92.6

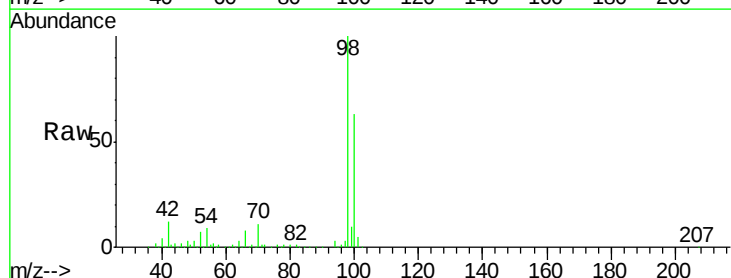


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

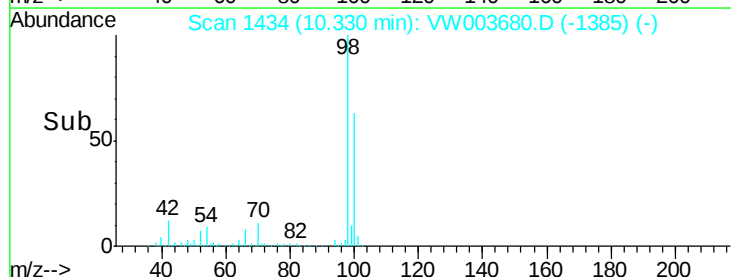
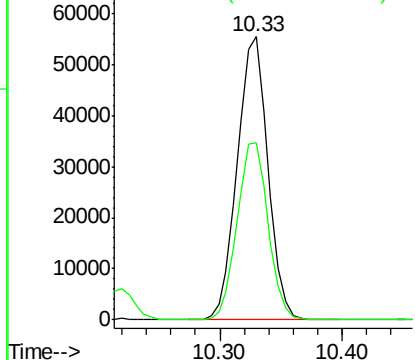


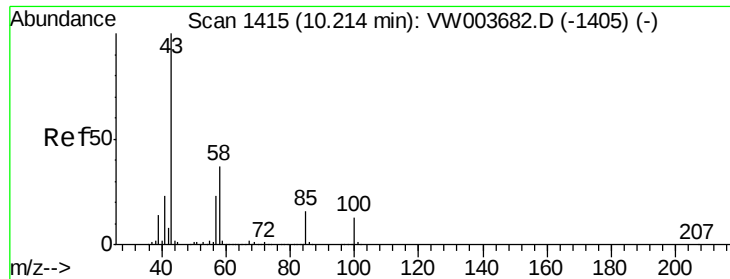
#50
Toluene-d8
Concen: 9.681 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 98 Resp: 96157
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2



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

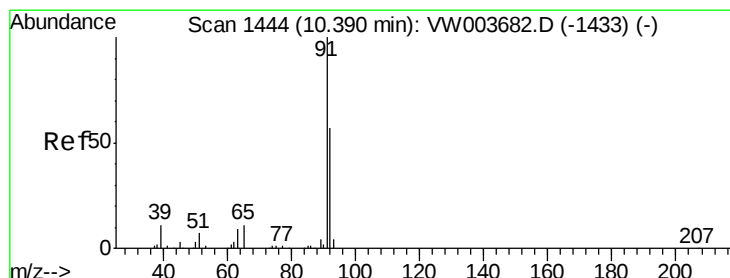
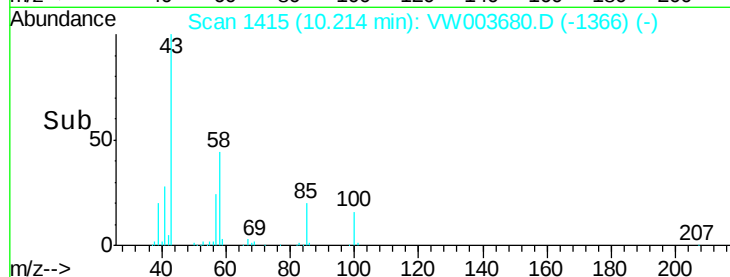
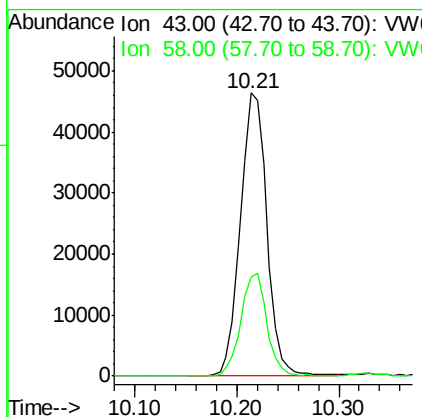
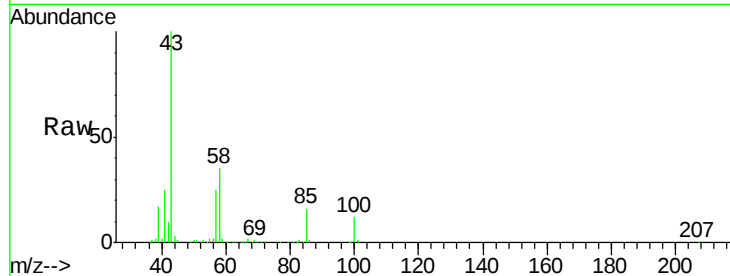




#51
 4-Methyl-2-Pentanone
 Concen: 50.158 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

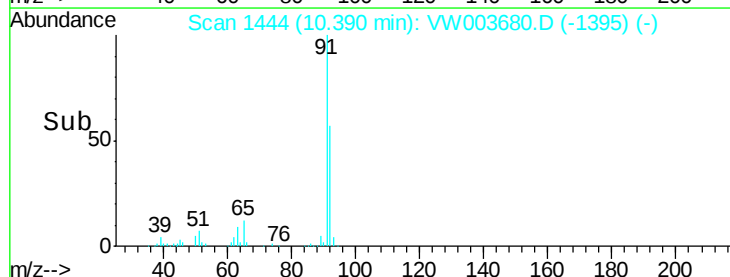
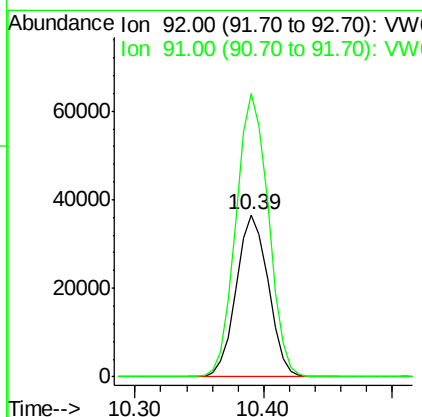
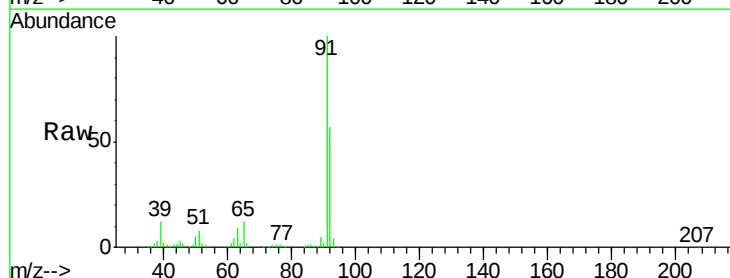
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

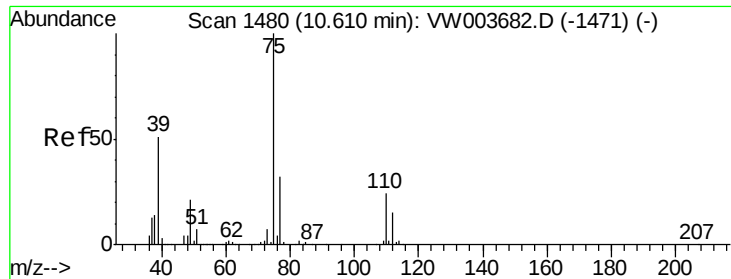
Tgt Ion: 43 Resp: 83752
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.6 44.4



#52
 Toluene
 Concen: 9.137 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 92 Resp: 63068
 Ion Ratio Lower Upper
 92 100
 91 177.0 140.2 210.2

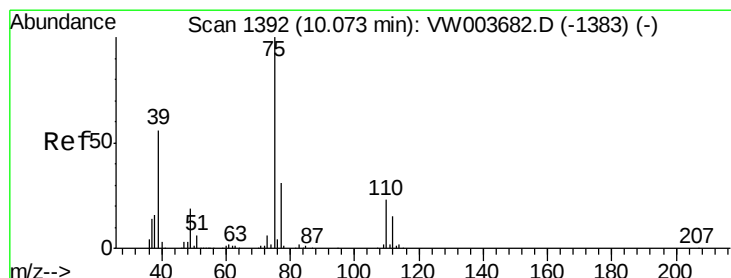
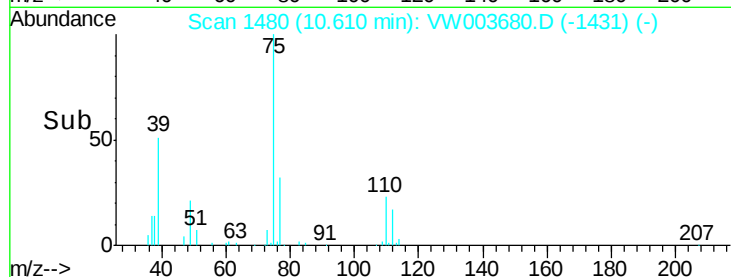
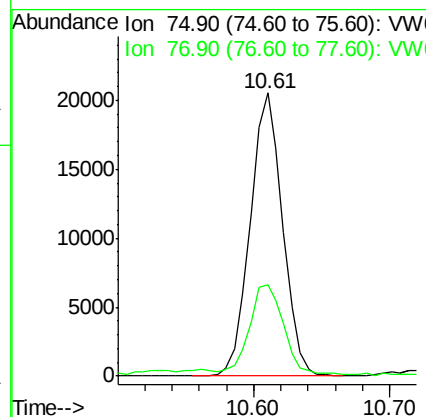
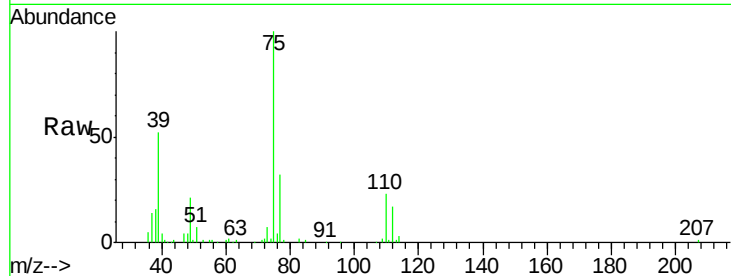




#53
 t-1,3-Dichloropropene
 Concen: 9.276 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

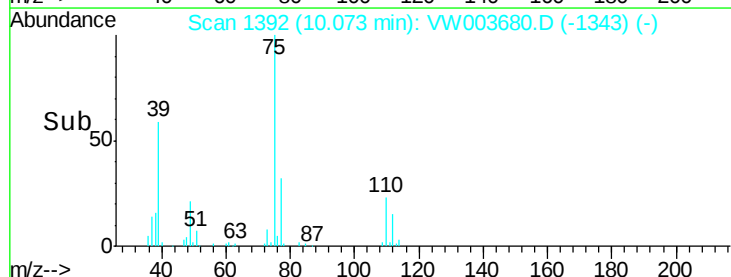
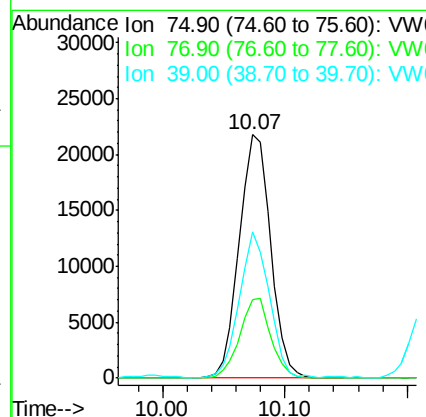
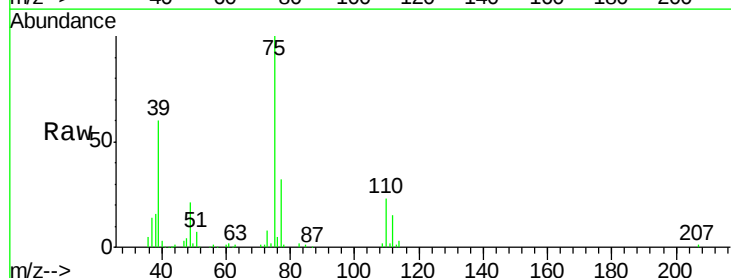
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

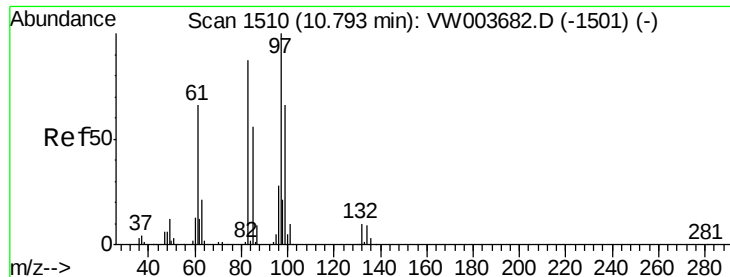
Tgt Ion: 75 Resp: 34176
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 9.223 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 75 Resp: 38728
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.9 37.3
 39 59.7 44.6 67.0

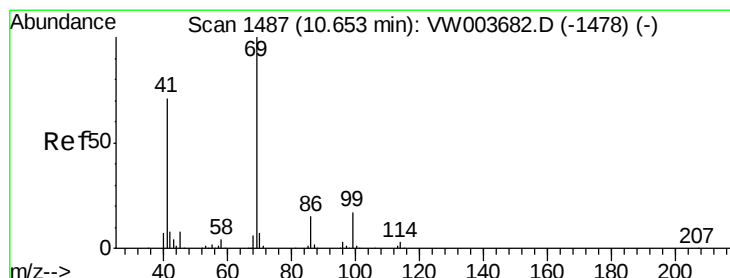
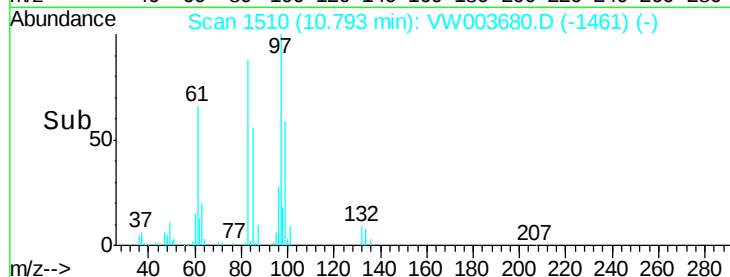
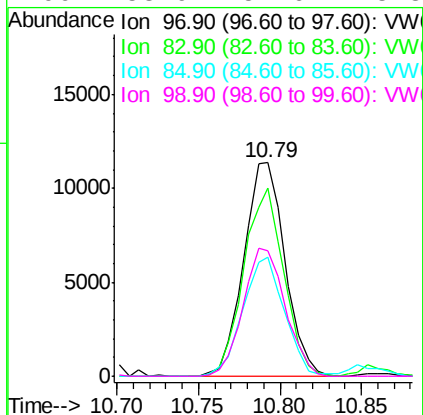
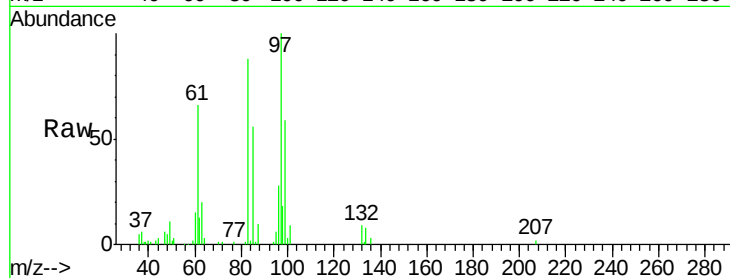




#55
 1,1,2-Trichloroethane
 Concen: 10.041 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

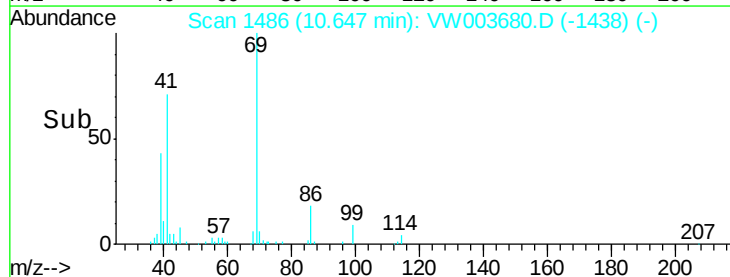
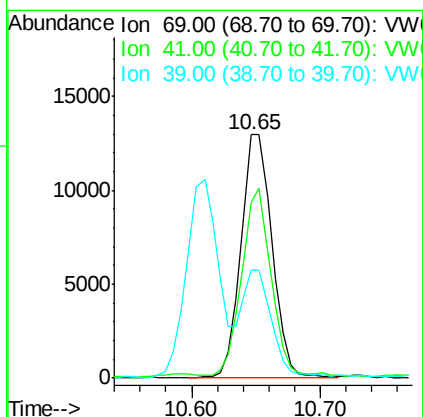
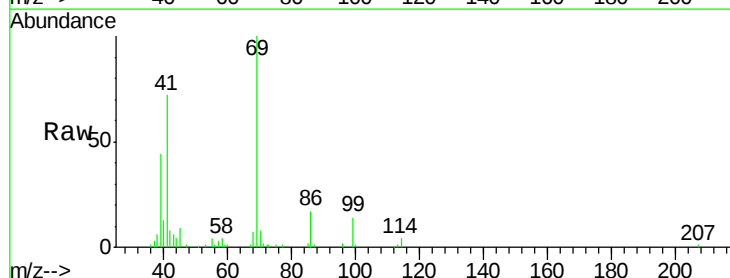
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

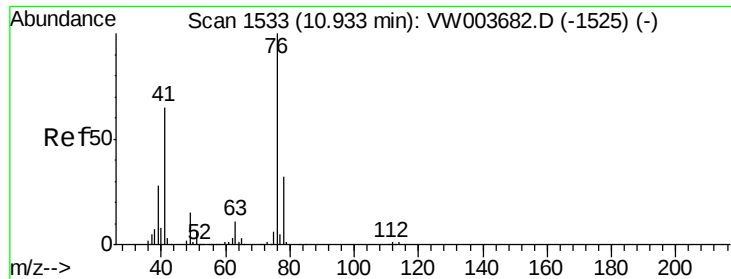
Tgt Ion:	97	Resp:	19958
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.5	104.3
85	55.6	44.7	67.1
99	58.9	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 8.951 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion:	69	Resp:	21749
Ion	Ratio	Lower	Upper
69	100		
41	74.4	57.5	86.3
39	38.8	29.4	44.0

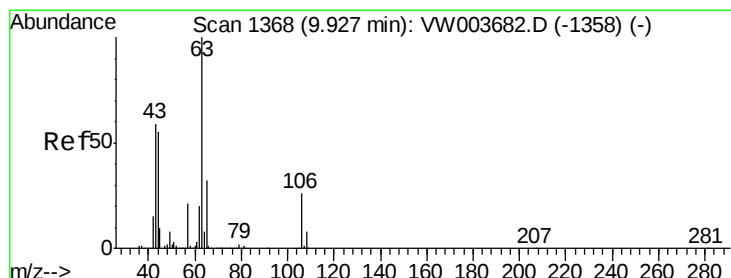
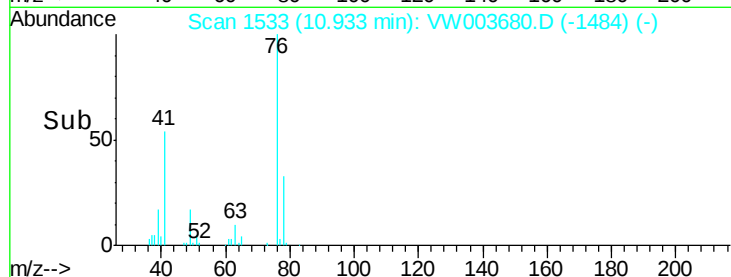
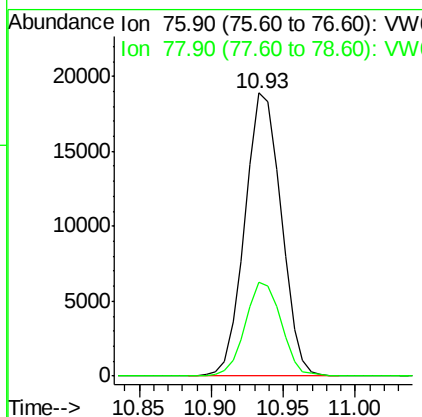
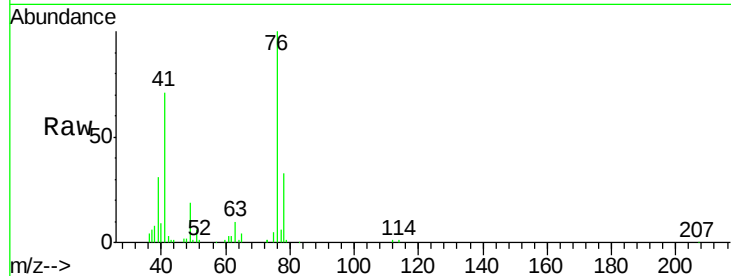




#57
 1,3-Dichloropropane
 Concen: 9.602 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

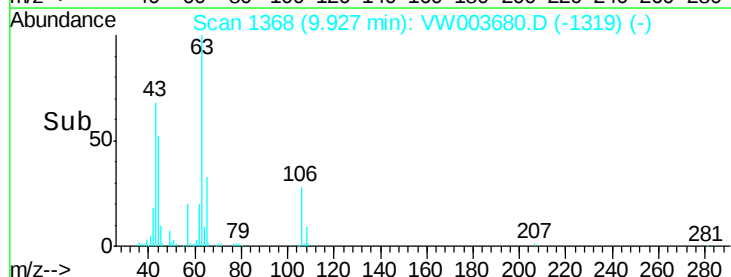
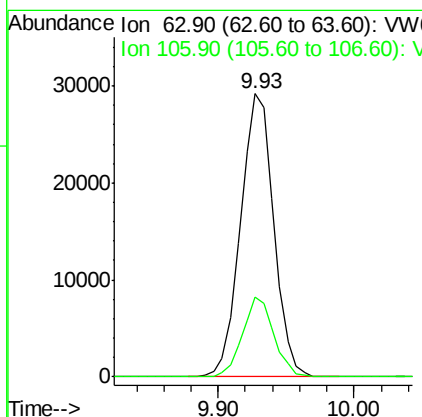
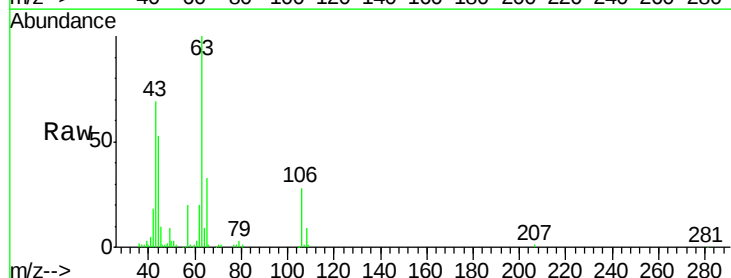
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

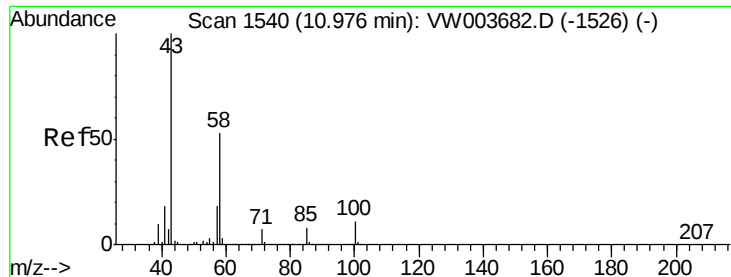
Tgt Ion: 76 Resp: 32990
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 46.455 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 63 Resp: 49766
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.7 31.1

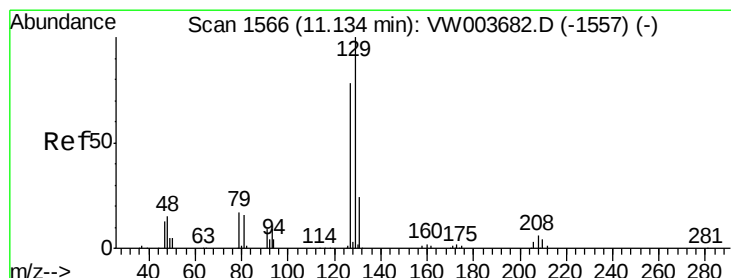
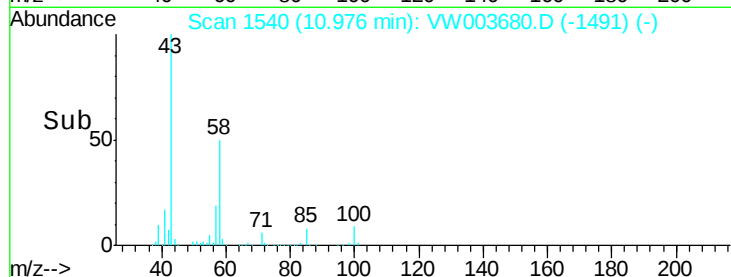
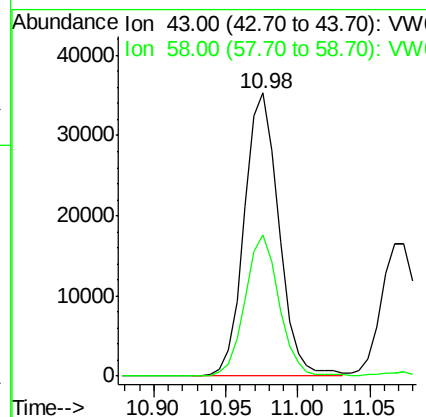
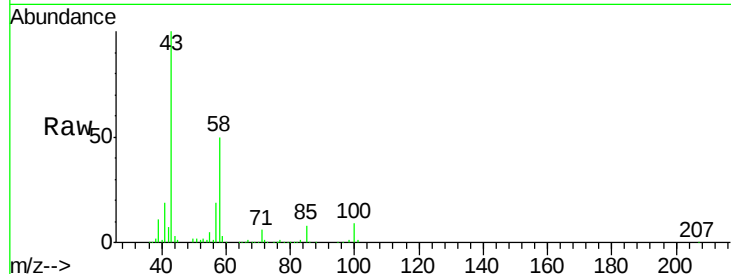




#59
2-Hexanone
Concen: 50.092 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

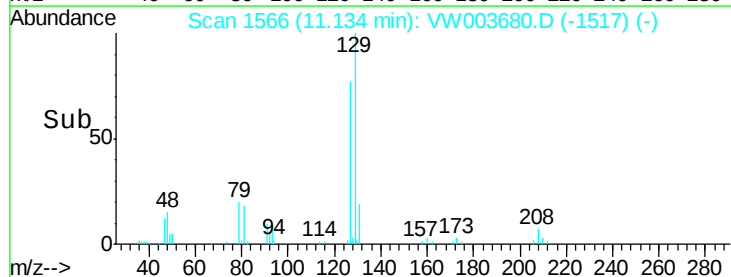
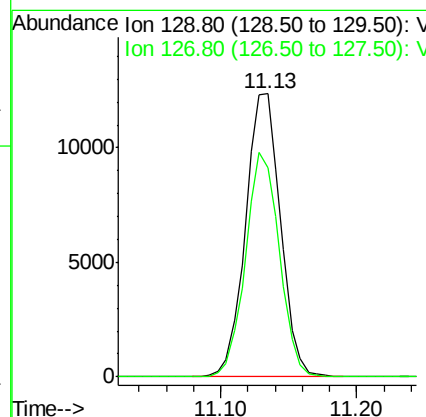
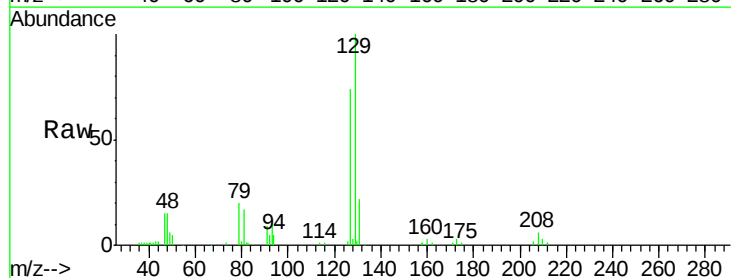
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

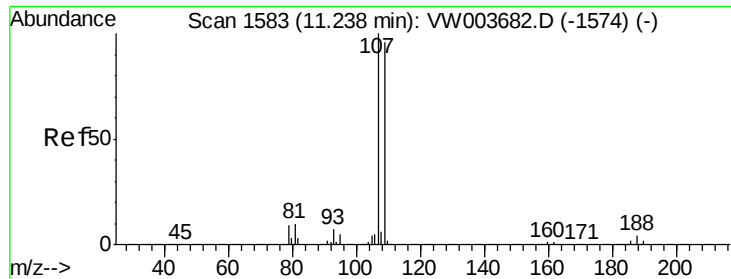
Tgt Ion: 43 Resp: 58553
Ion Ratio Lower Upper
43 100
58 49.1 25.9 77.6



#60
Dibromochloromethane
Concen: 9.463 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 129 Resp: 22236
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

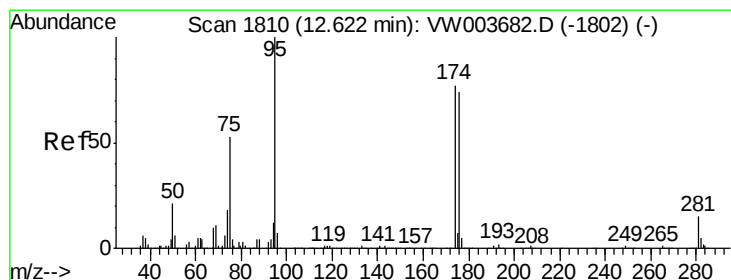
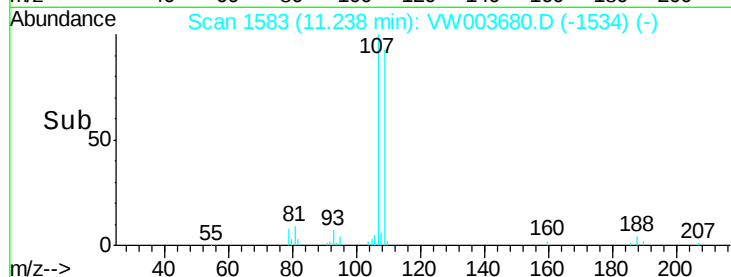
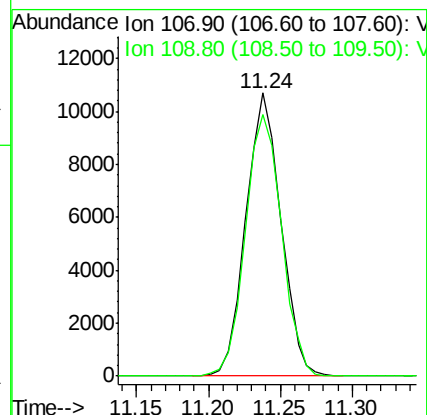
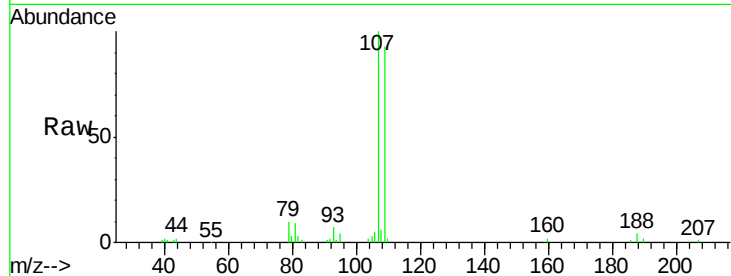




#61
 1,2-Dibromoethane
 Concen: 9.572 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

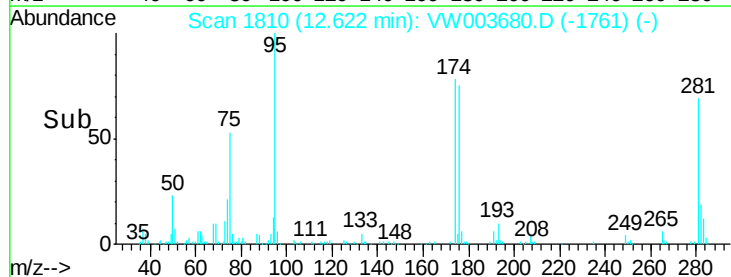
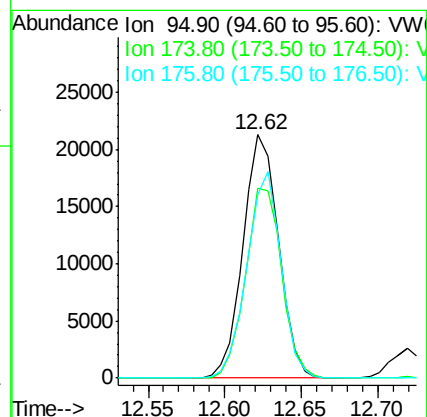
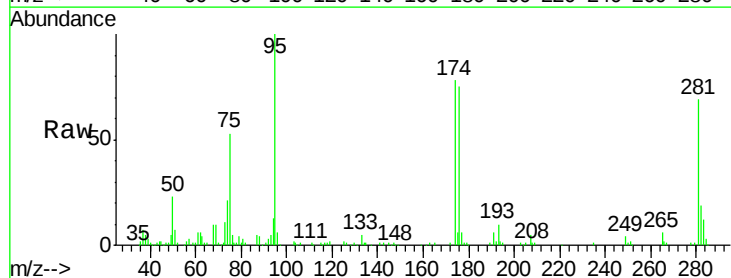
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

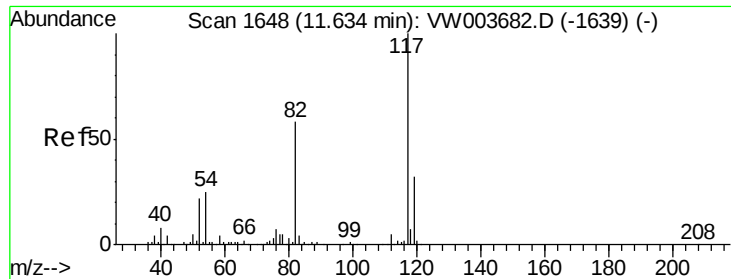
Tgt Ion: 107 Resp: 18003
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 9.733 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 95 Resp: 34364
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 161.2
 176 81.7 0.0 155.0

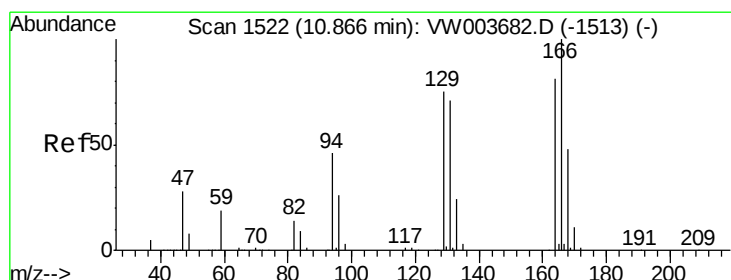
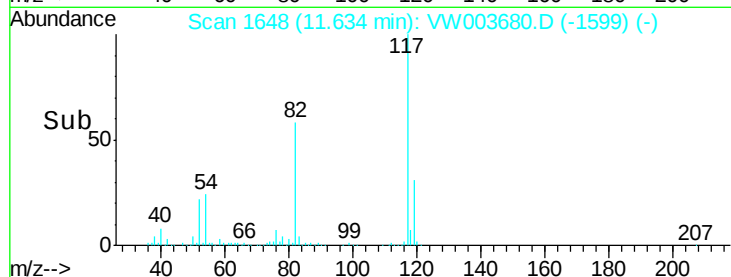
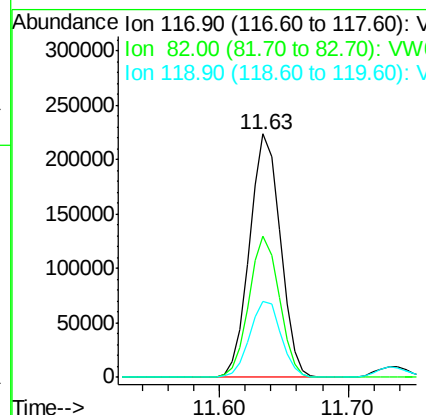
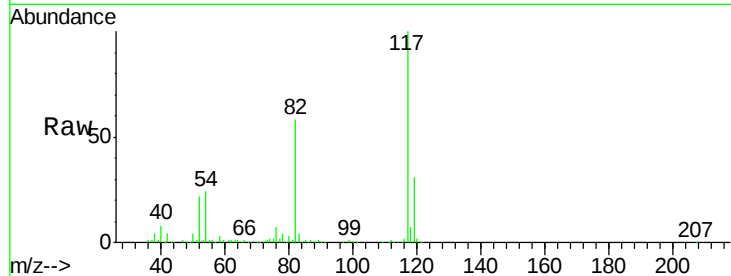




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

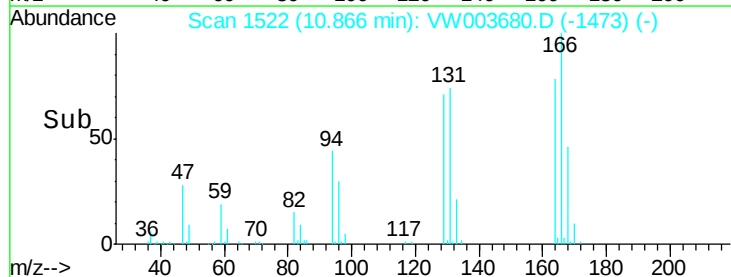
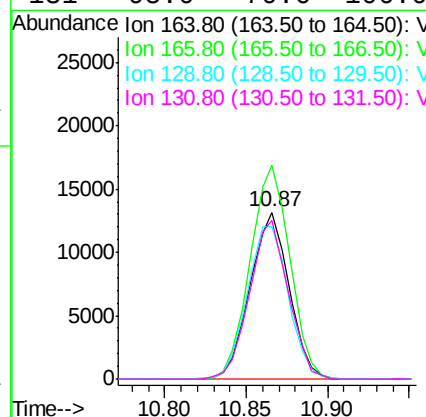
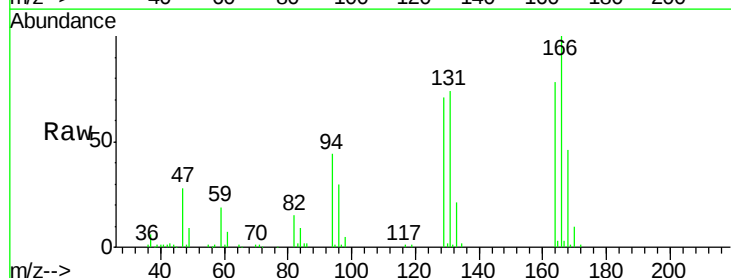
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

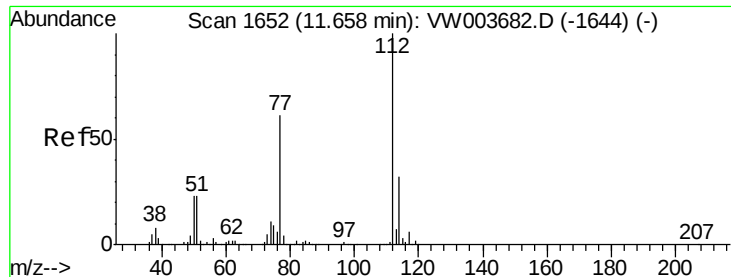
Tgt Ion:117 Resp: 367452
Ion Ratio Lower Upper
117 100
82 57.8 46.0 69.0
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 8.855 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion:164 Resp: 21944
Ion Ratio Lower Upper
164 100
166 128.0 99.0 148.4
129 91.1 73.8 110.6
131 95.0 70.6 106.0

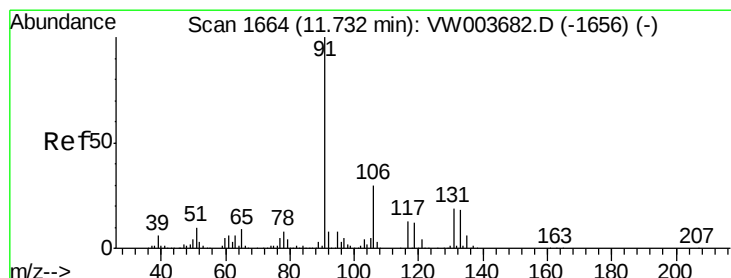
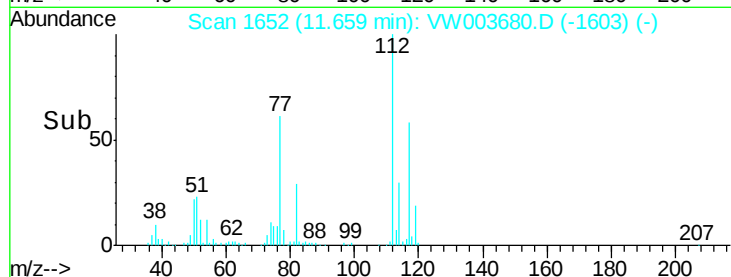
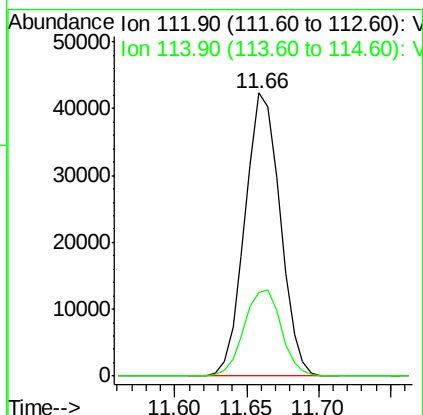
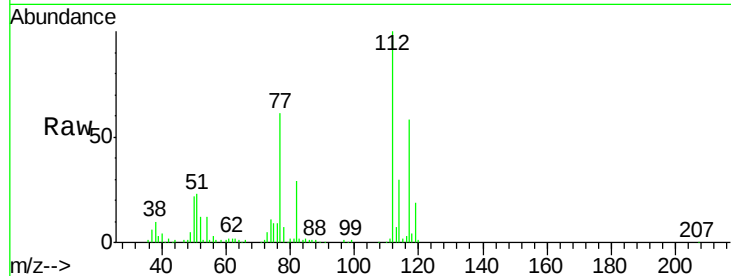




#65
Chlorobenzene
Concen: 9.295 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

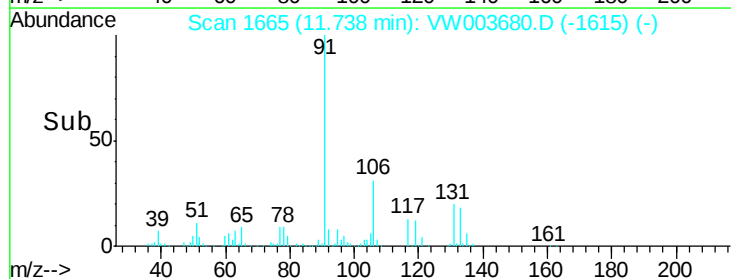
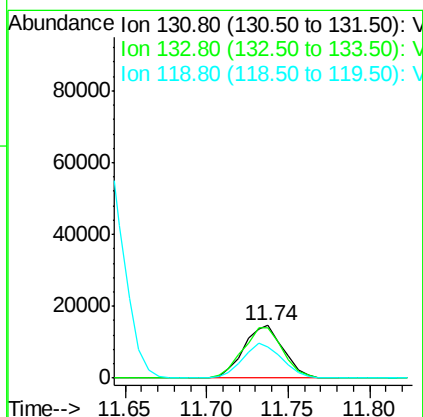
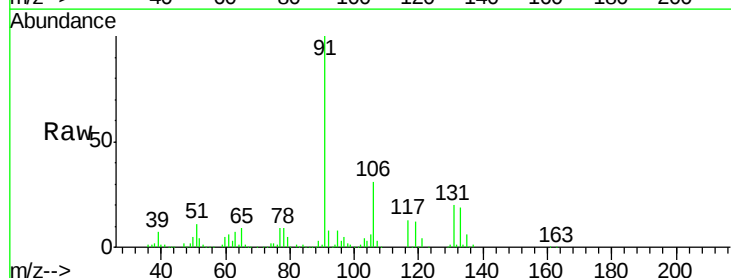
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

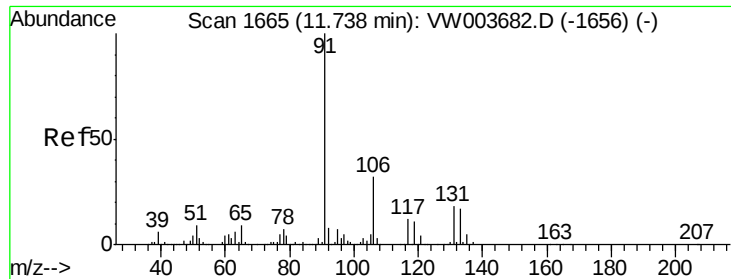
Tgt Ion:112 Resp: 71748
Ion Ratio Lower Upper
112 100
114 29.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 9.110 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion:131 Resp: 24672
Ion Ratio Lower Upper
131 100
133 97.5 47.6 142.8
119 65.4 31.9 95.9

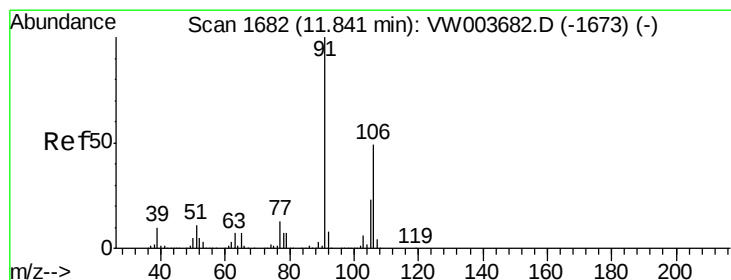
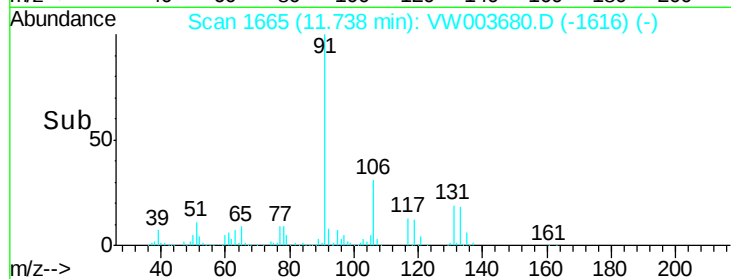
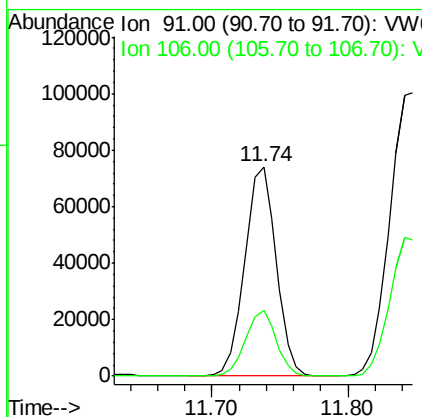
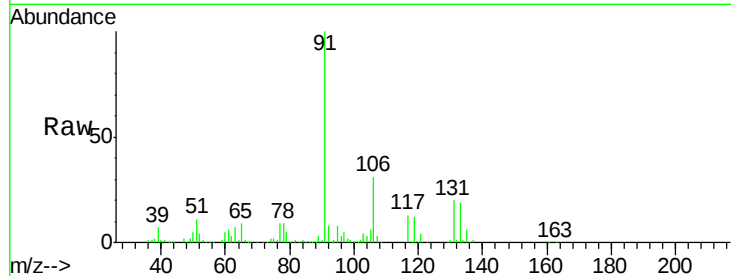




#67
Ethyl Benzene
Concen: 8.788 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

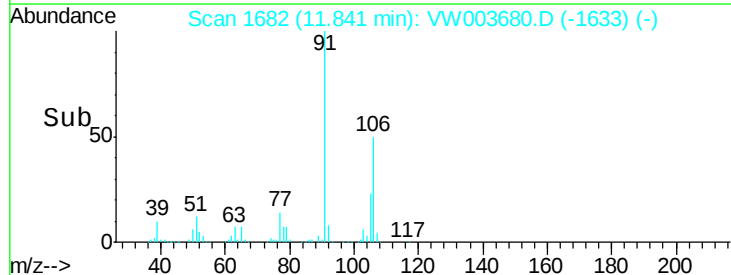
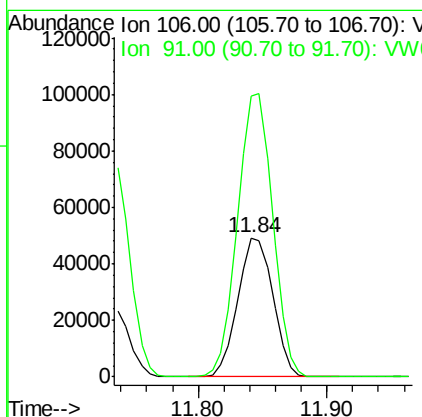
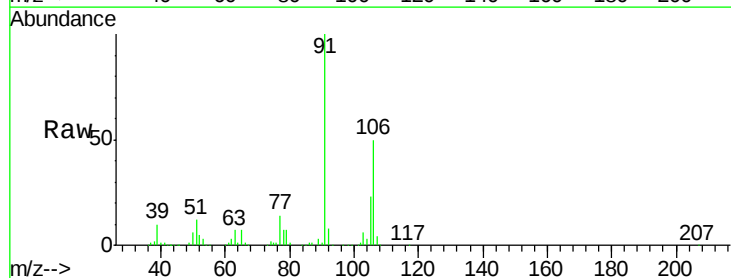
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

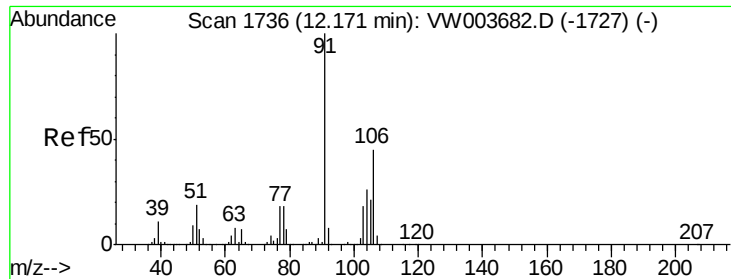
Tgt Ion: 91 Resp: 120356
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#68
m/p-Xylenes
Concen: 17.865 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 106 Resp: 93015
Ion Ratio Lower Upper
106 100
91 203.4 163.7 245.5

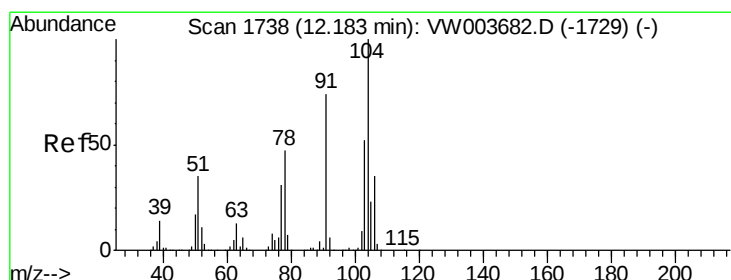
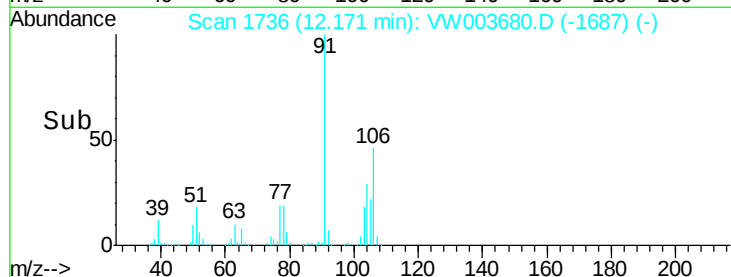
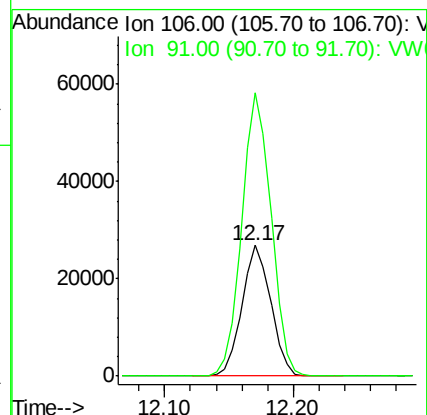
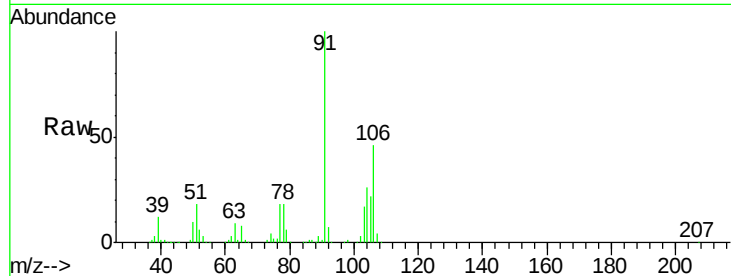




#69
o-Xylene
Concen: 8.662 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

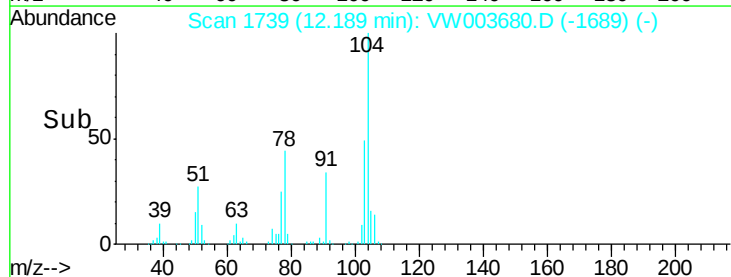
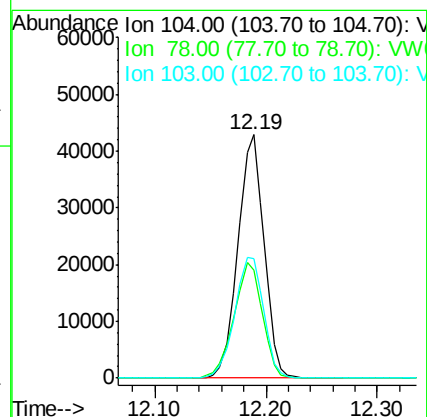
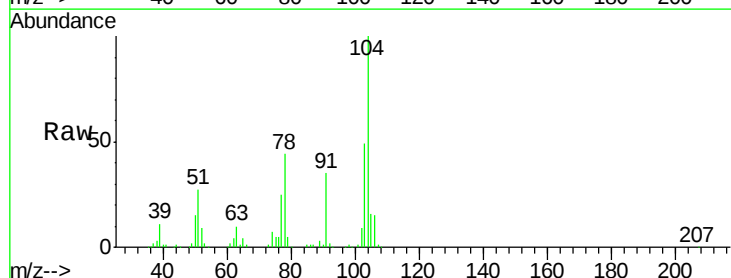
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

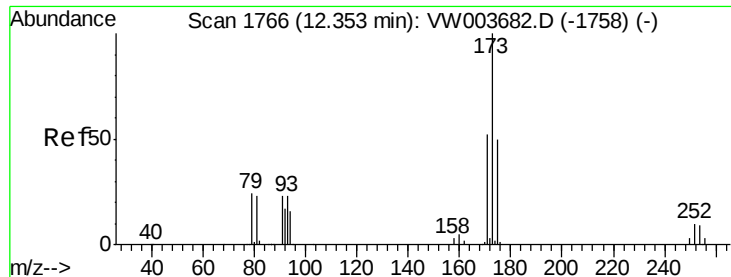
Tgt Ion:106 Resp: 41650
Ion Ratio Lower Upper
106 100
91 220.5 109.3 327.8



#70
Styrene
Concen: 8.666 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion:104 Resp: 69700
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 55.0 44.4 66.6

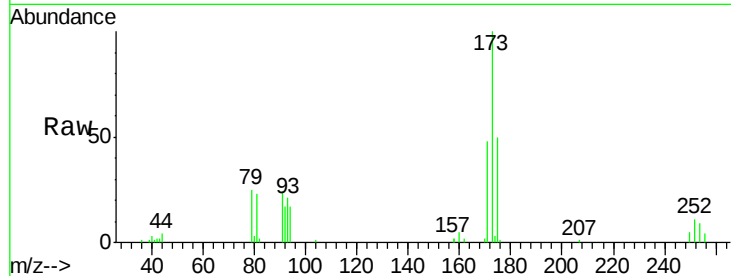




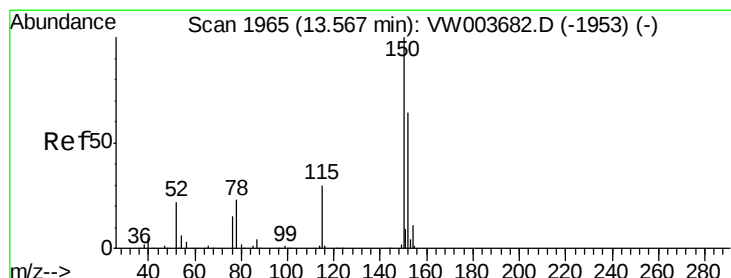
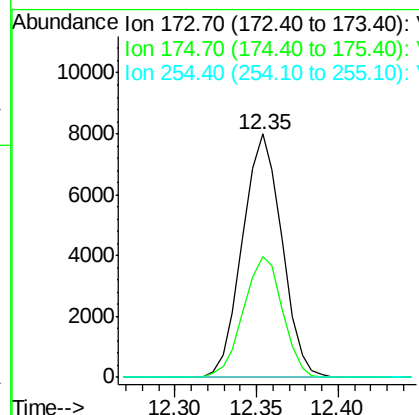
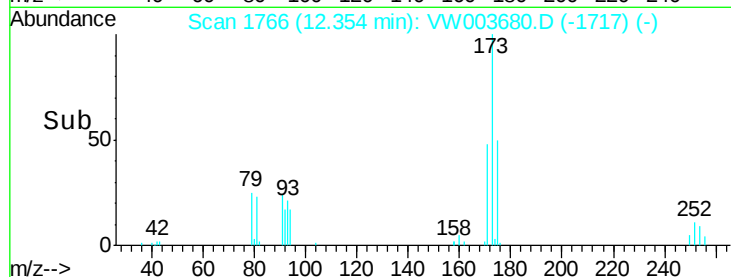
#71
Bromoform
Concen: 9.523 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:173 Resp: 13463
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.0 0.2 0.2#

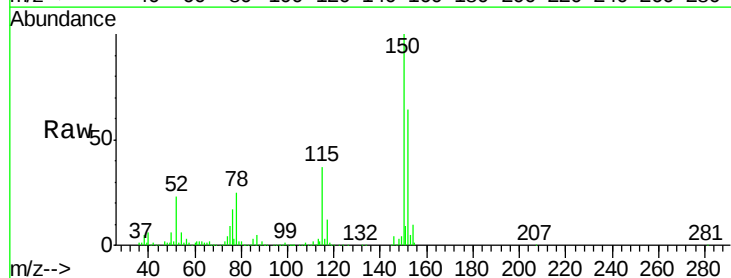


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

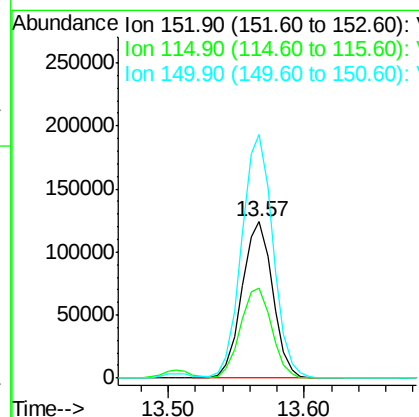
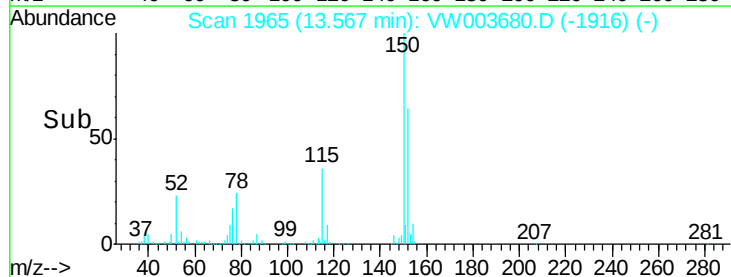


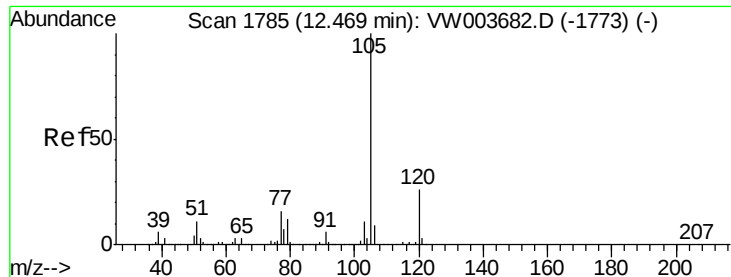
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion:152 Resp: 195057
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 159.1 0.0 352.0



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: 8.616 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

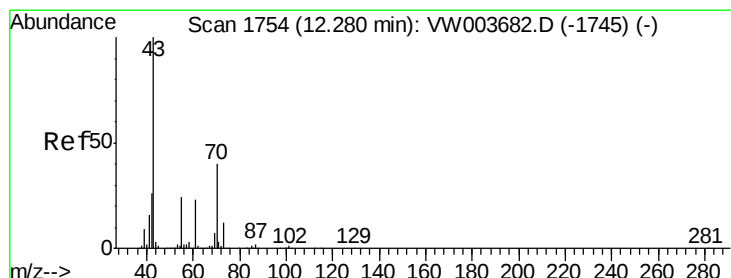
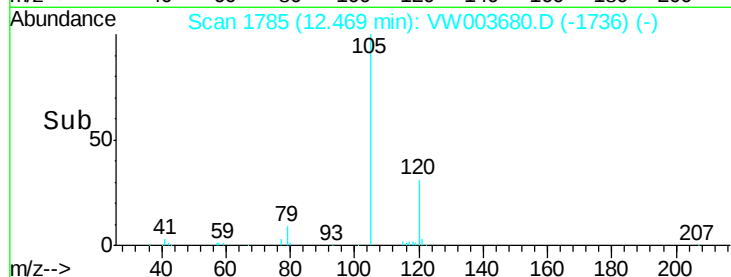
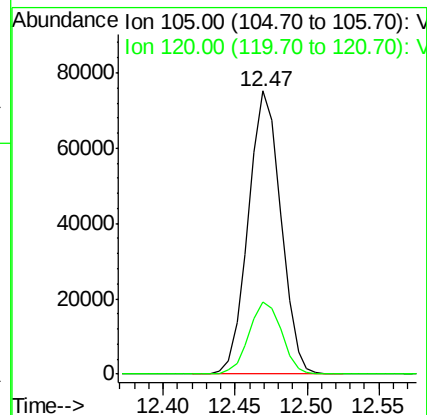
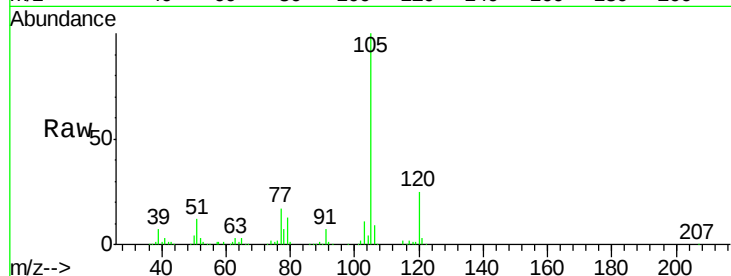
VSTDIC010

Tgt Ion: 105 Resp: 117357

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



#74

N-ethyl acetate

Concen: 9.179 ug/l

RT: 12.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Tgt Ion: 43 Resp: 29127

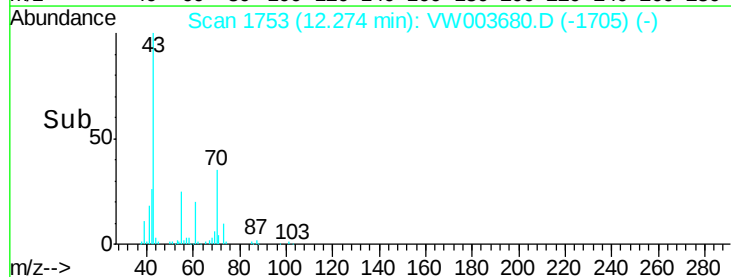
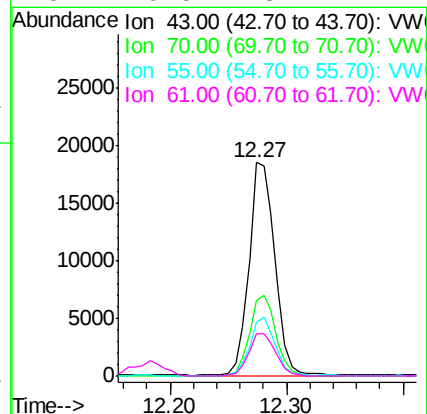
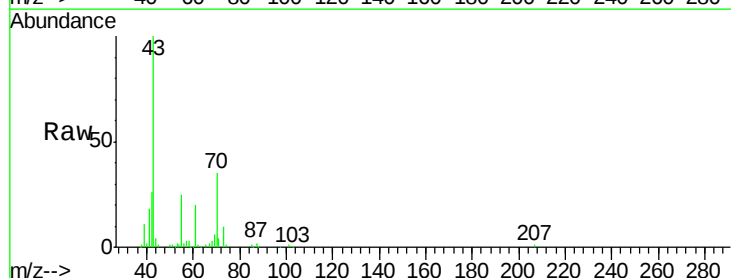
Ion Ratio Lower Upper

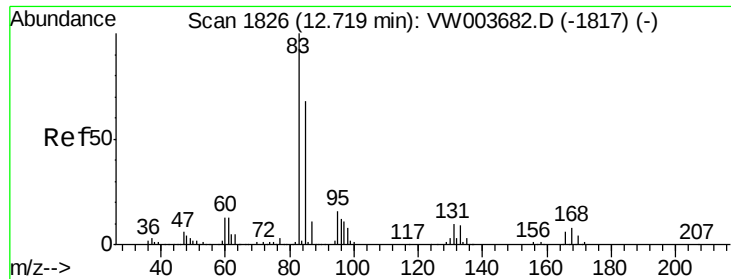
43 100

70 37.5 31.3 46.9

55 26.5 20.1 30.1

61 20.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.255 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

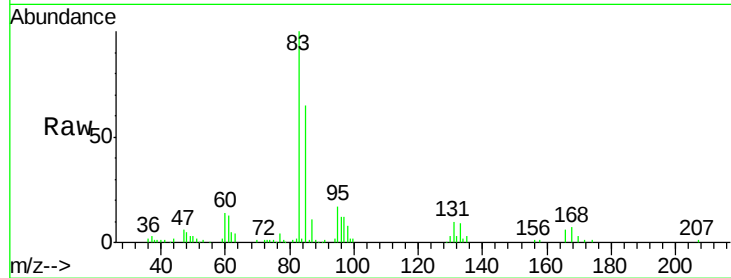
Tgt Ion: 83 Resp: 24116

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

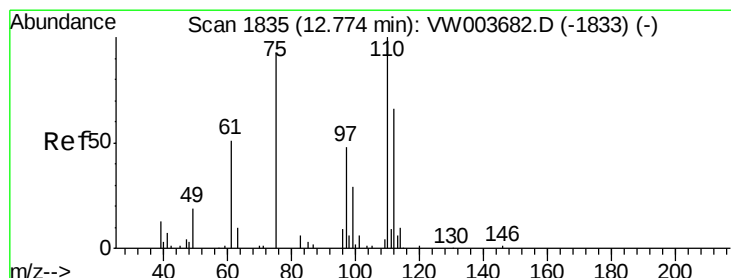
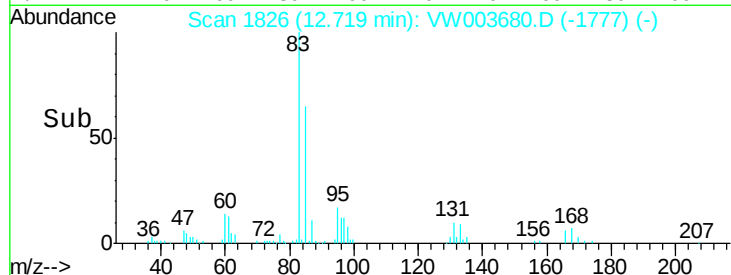
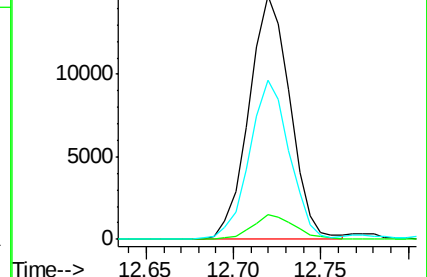
85 64.0 31.9 95.9



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: 18.493 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003680.D

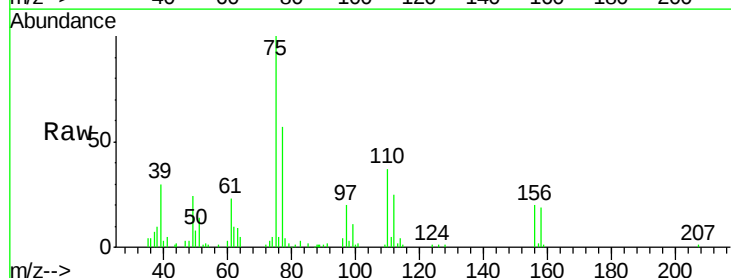
Acq: 02 Jul 2018 16:58

Tgt Ion: 75 Resp: 31244

Ion Ratio Lower Upper

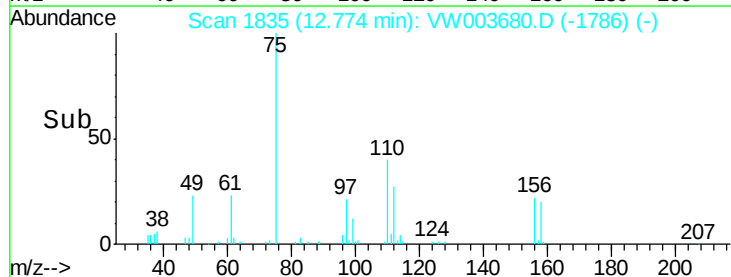
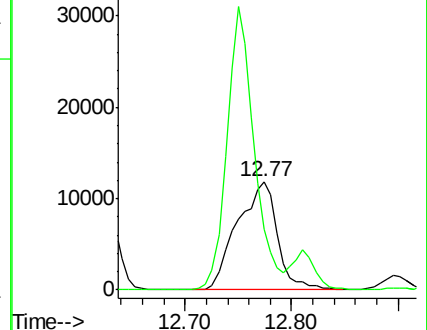
75 100

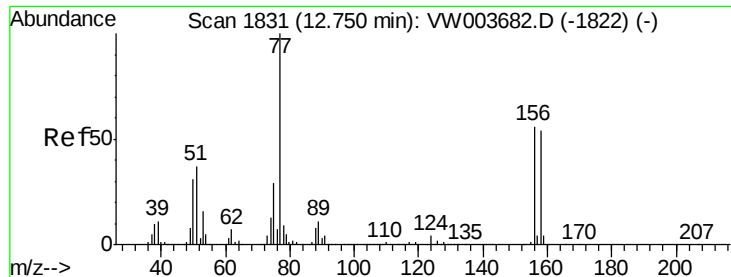
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

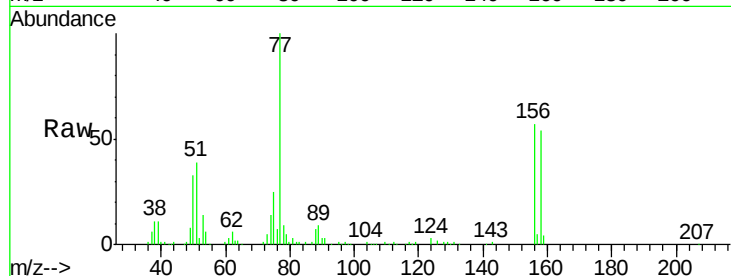




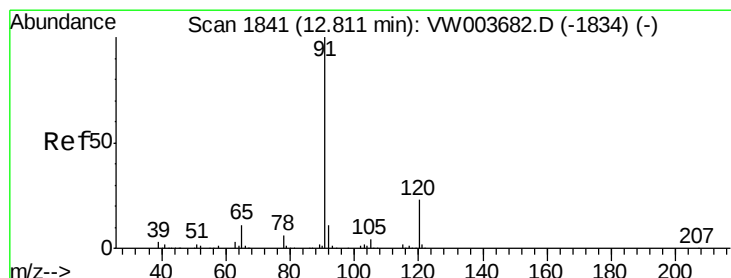
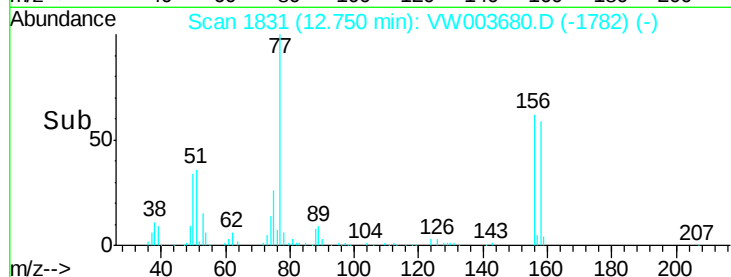
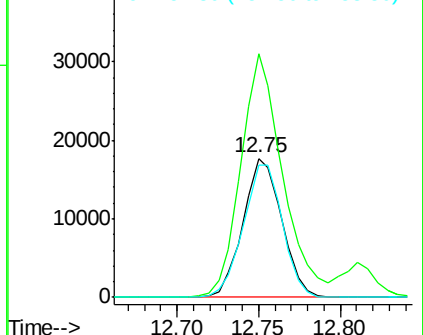
#77
Bromobenzene
Concen: 9.151 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 156 Resp: 29157
Ion Ratio Lower Upper
156 100
77 190.0 95.8 287.4
158 97.1 48.2 144.6

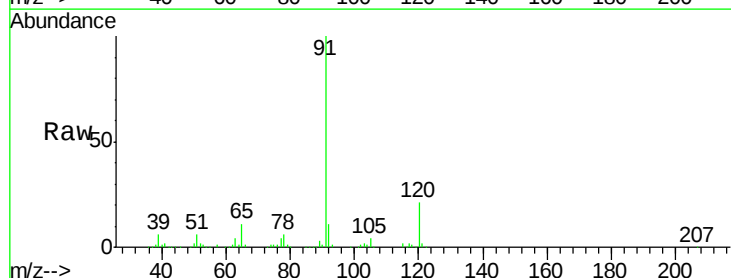


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

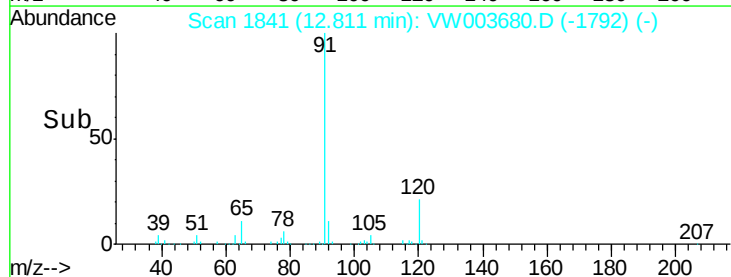
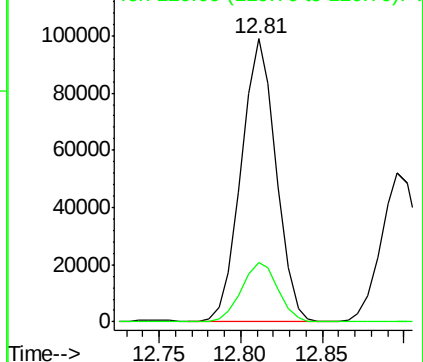


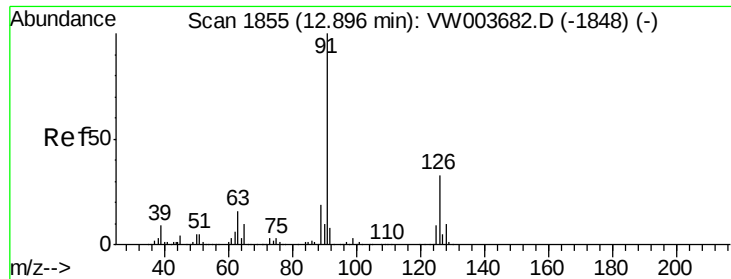
#78
n-propylbenzene
Concen: 8.782 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion: 91 Resp: 146892
Ion Ratio Lower Upper
91 100
120 22.1 11.4 34.1



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





#79

2-Chlorotoluene

Concen: 8.925 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

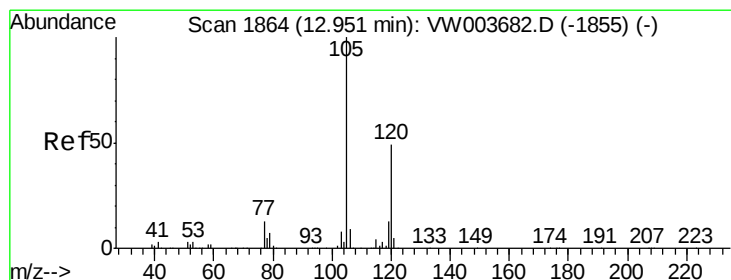
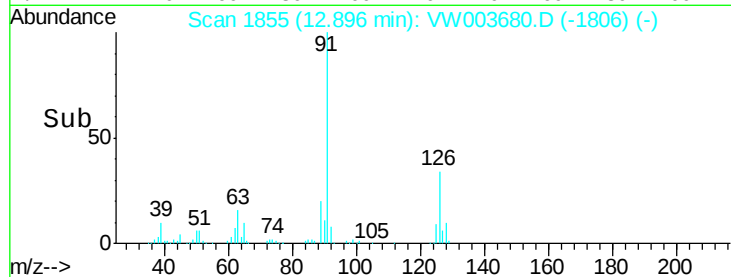
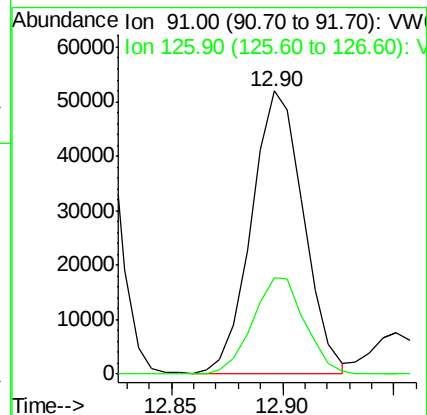
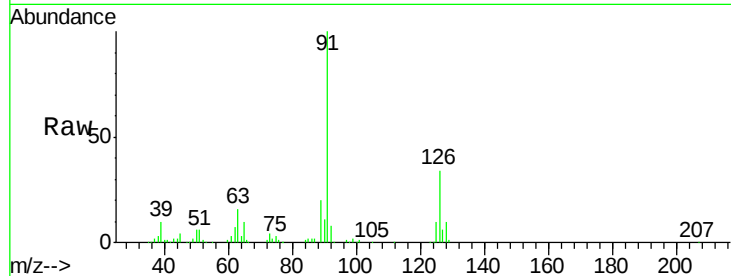
VSTDIC010

Tgt Ion: 91 Resp: 84371

Ion Ratio Lower Upper

91 100

126 34.3 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 8.846 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003680.D

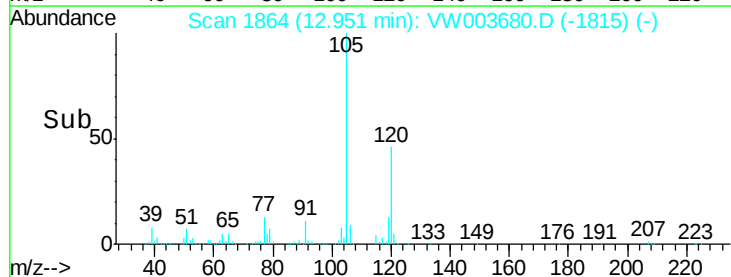
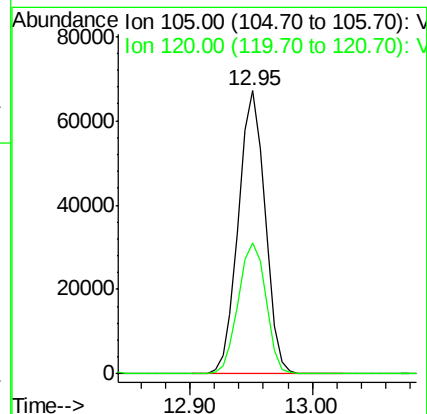
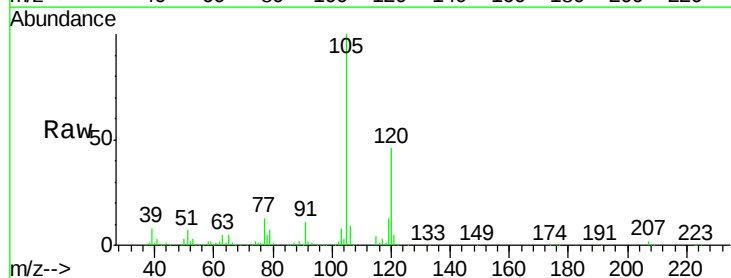
Acq: 02 Jul 2018 16:58

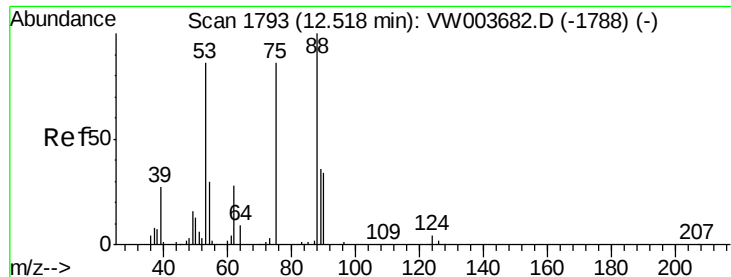
Tgt Ion: 105 Resp: 101231

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.488 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

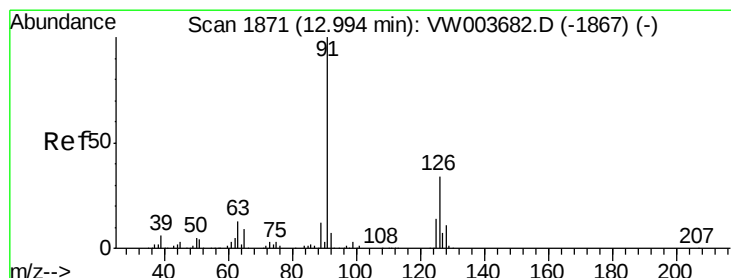
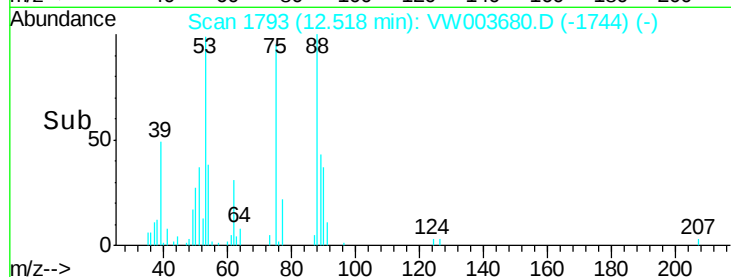
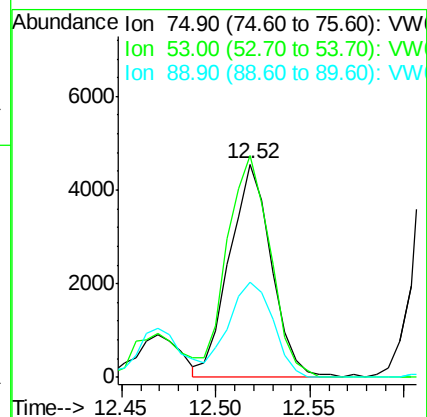
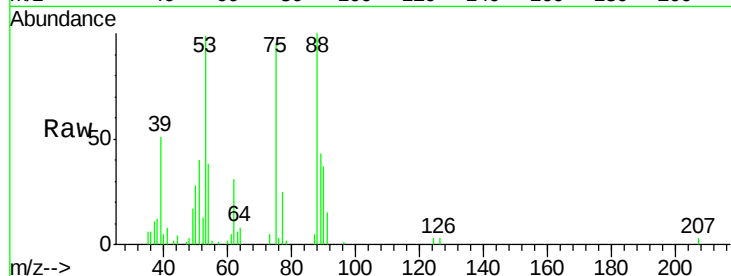
Tgt Ion: 75 Resp: 7056

Ion Ratio Lower Upper

75 100

53 107.4 82.4 123.6

89 46.9 35.9 53.9



#82

4-Chlorotoluene

Concen: 9.198 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003680.D

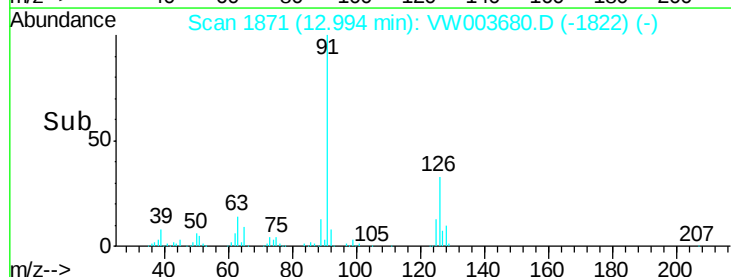
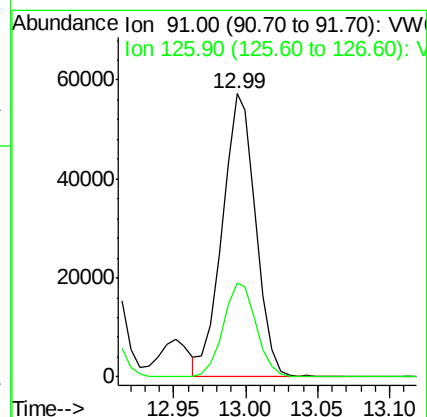
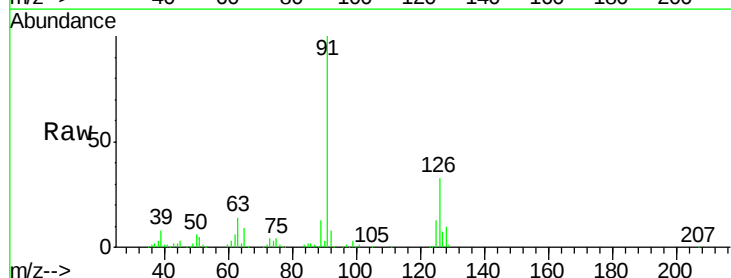
Acq: 02 Jul 2018 16:58

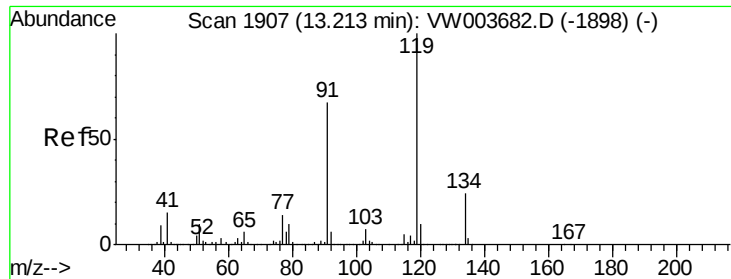
Tgt Ion: 91 Resp: 92190

Ion Ratio Lower Upper

91 100

126 33.0 17.0 50.9

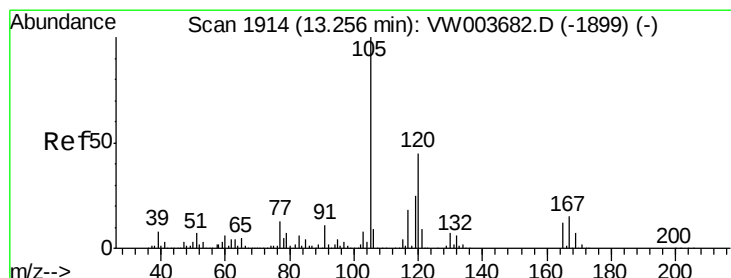
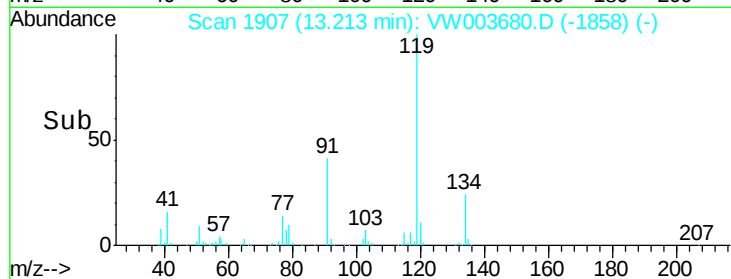
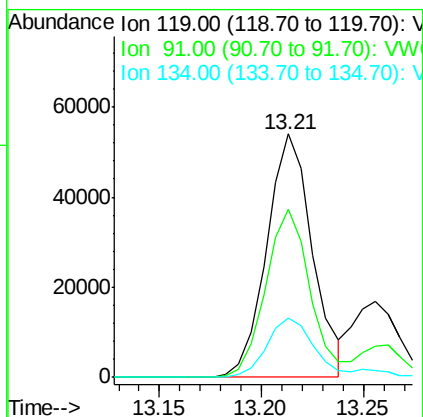
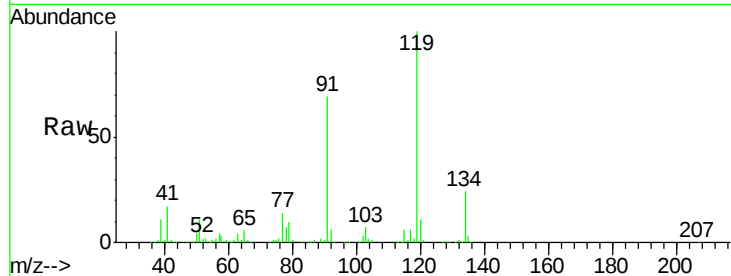




#83
 tert-Butylbenzene
 Concen: 8.659 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

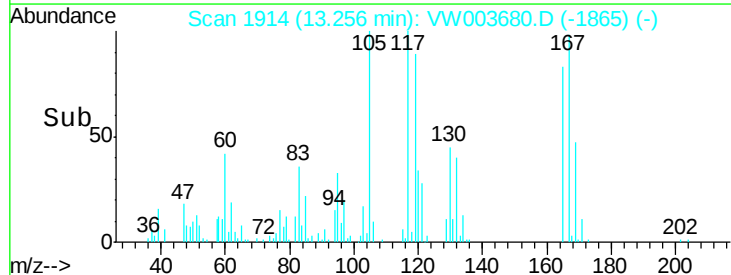
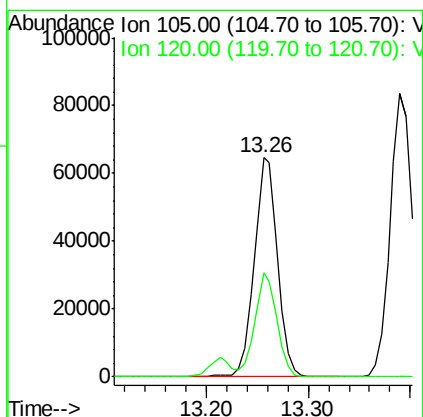
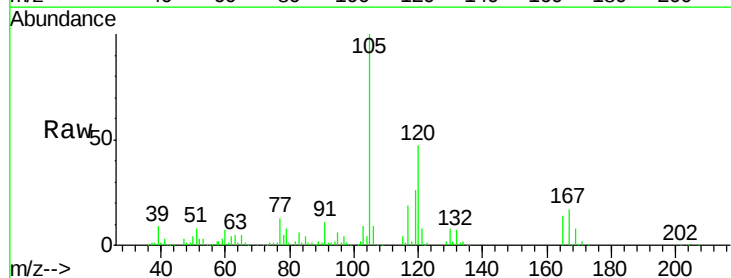
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

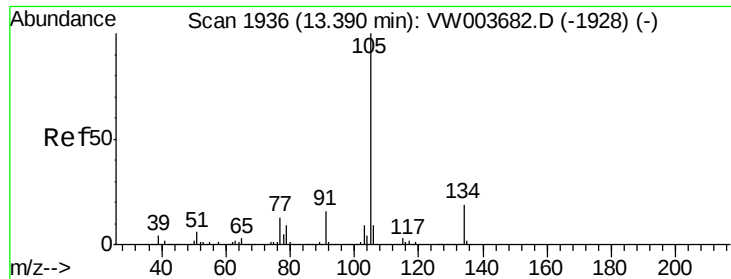
Tgt Ion:119 Resp: 84363
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.8 101.3
 134 25.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 8.762 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion:105 Resp: 103380
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

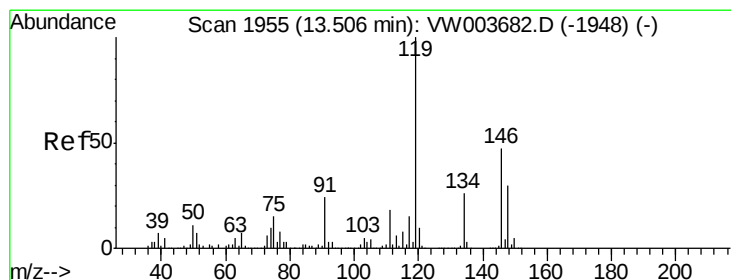
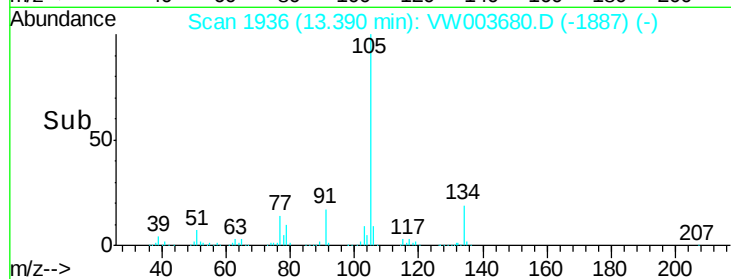
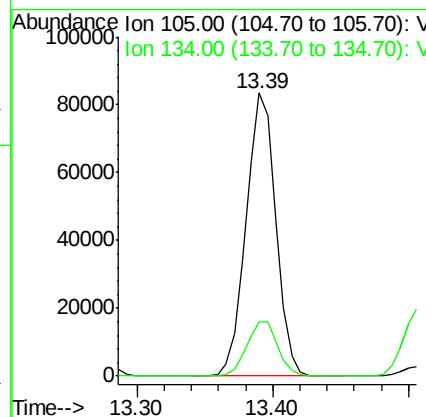
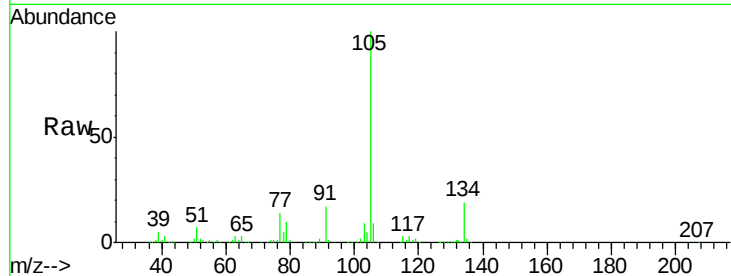




#85
 sec-Butylbenzene
 Concen: 8.809 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

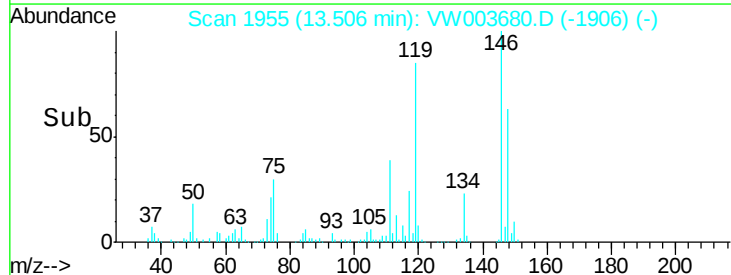
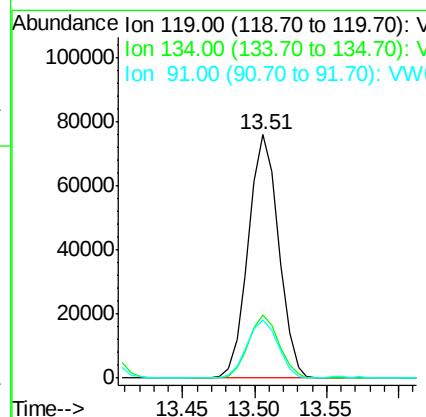
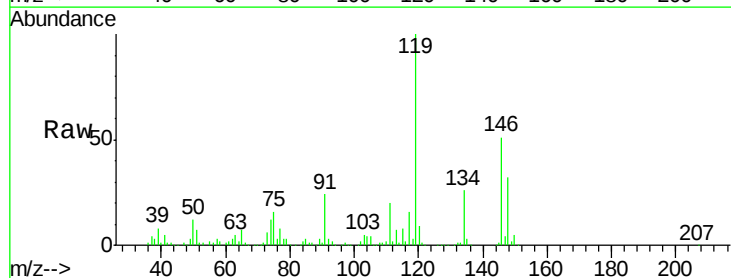
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

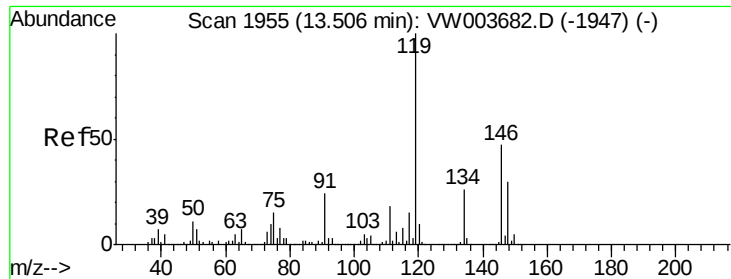
Tgt Ion:105 Resp: 127679
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 8.705 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion:119 Resp: 111040
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.7 11.8 35.4

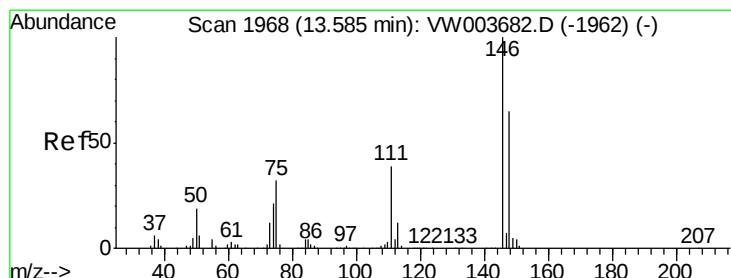
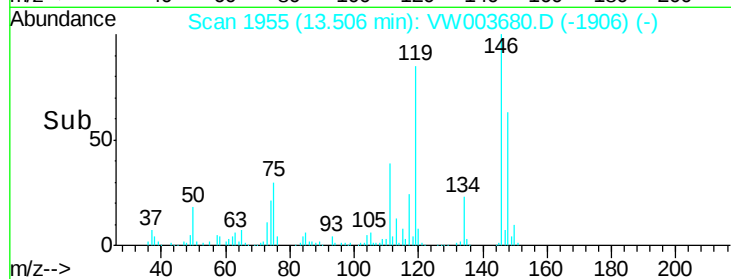
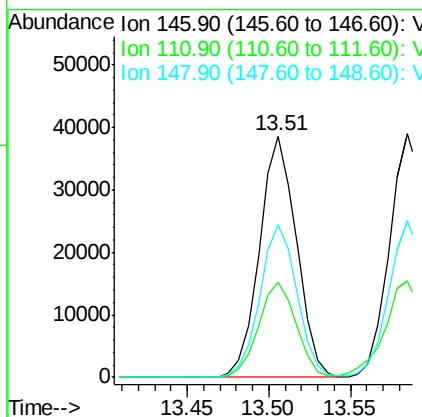
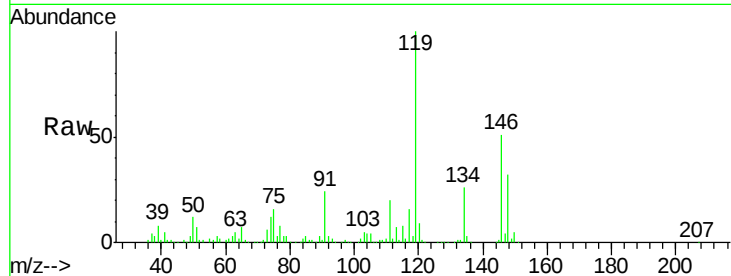




#87
 1,3-Dichlorobenzene
 Concen: 9.310 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

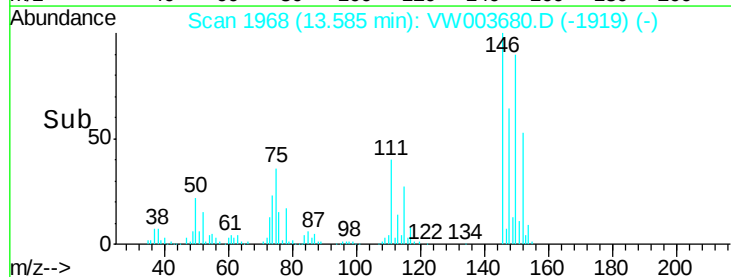
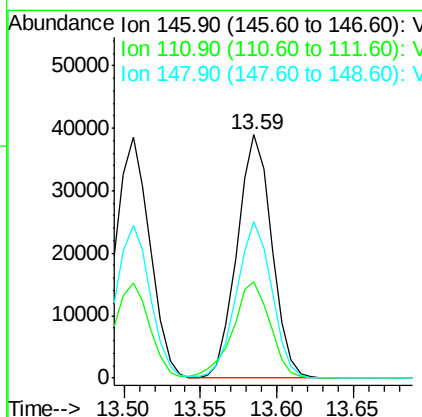
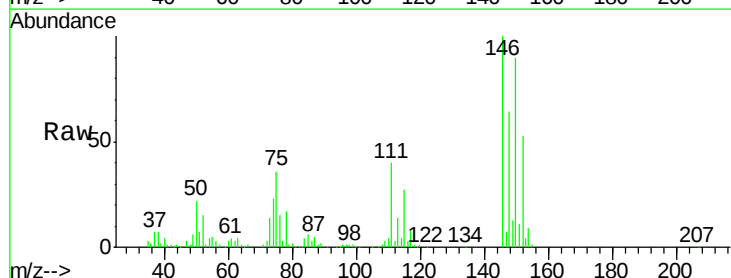
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

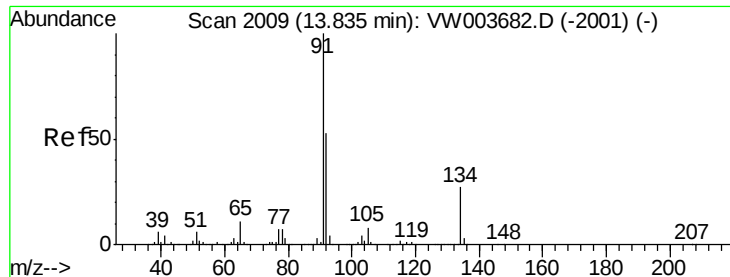
Tgt Ion:146 Resp: 60743
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 9.434 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion:146 Resp: 61224
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.3 57.9
 148 65.4 32.3 96.9





#89

n-Butylbenzene

Concen: 8.756 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

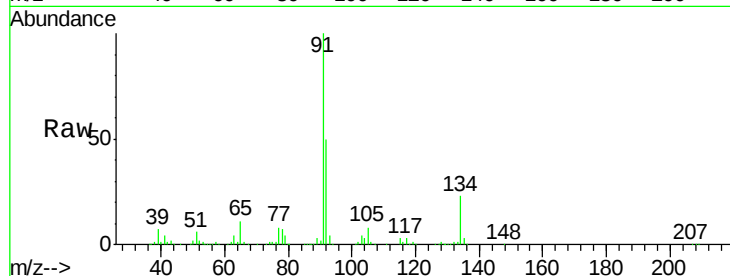
Tgt Ion: 91 Resp: 109104

Ion Ratio Lower Upper

91 100

92 50.5 26.4 79.2

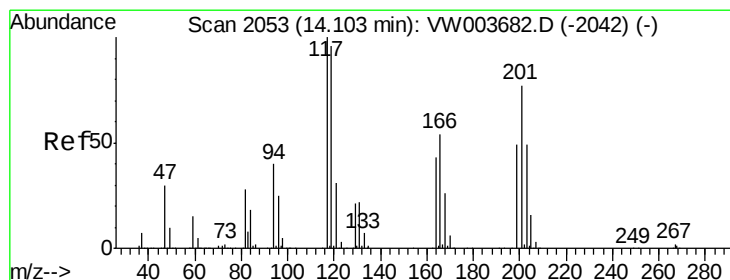
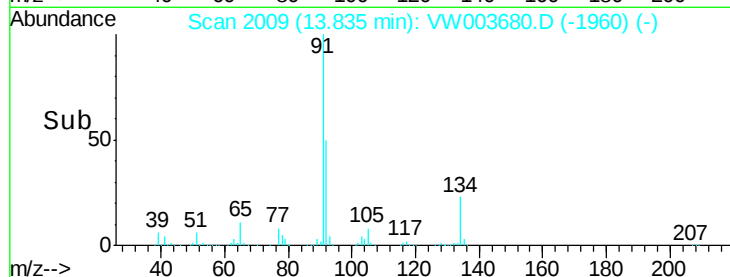
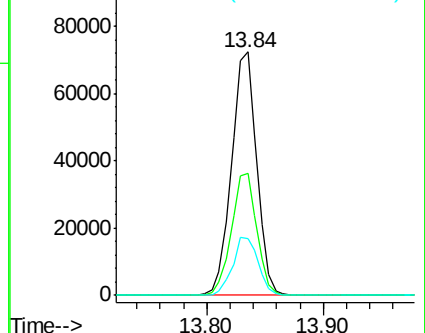
134 24.2 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 9.086 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW003680.D

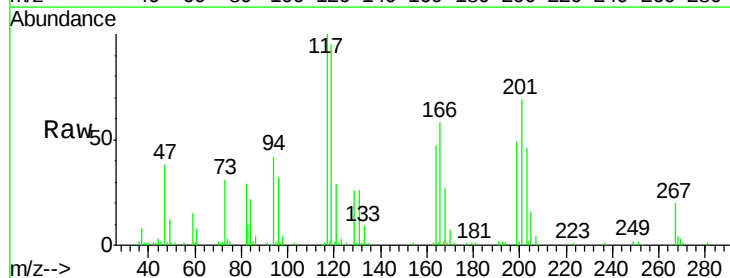
Acq: 02 Jul 2018 16:58

Tgt Ion: 117 Resp: 20997

Ion Ratio Lower Upper

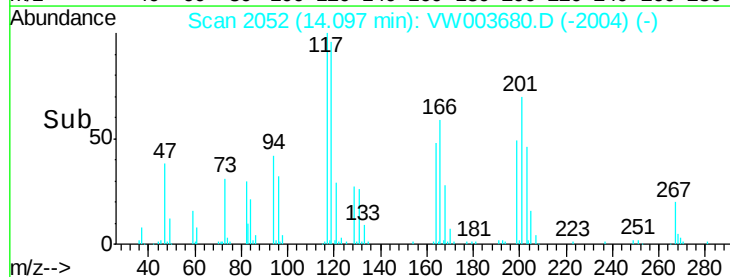
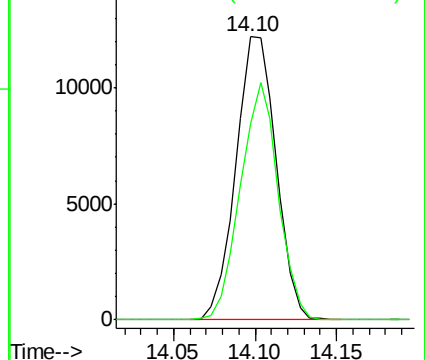
117 100

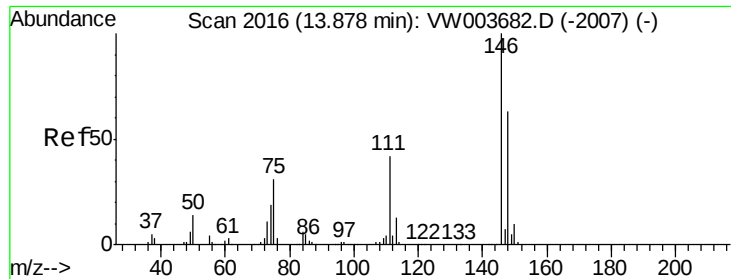
201 78.4 39.1 117.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

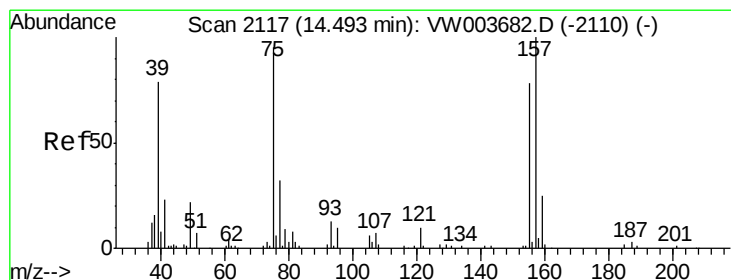
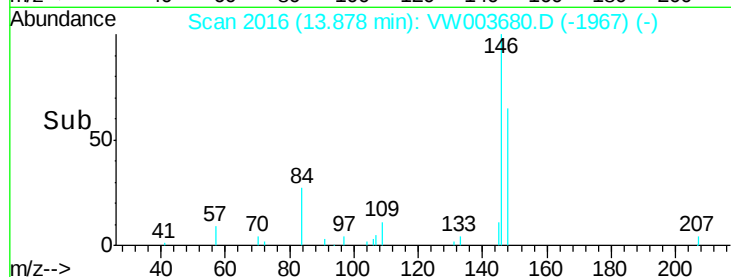
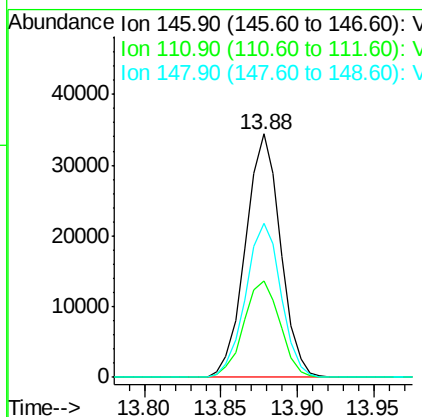
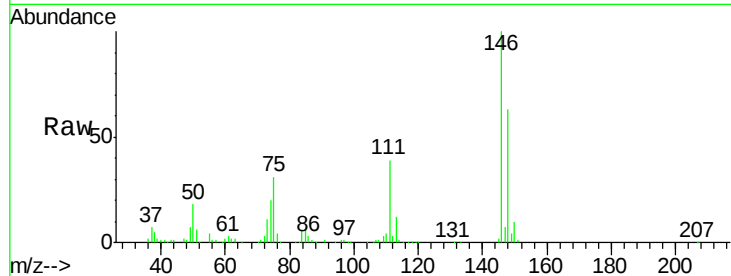




#91
 1,2-Dichlorobenzene
 Concen: 9.579 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

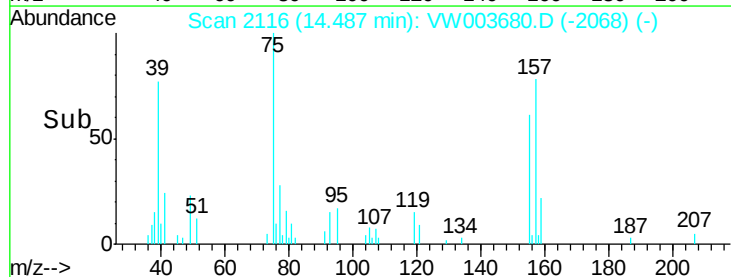
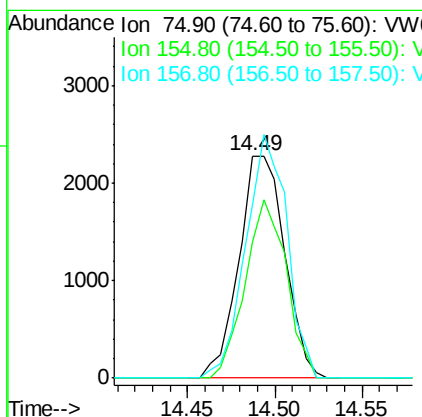
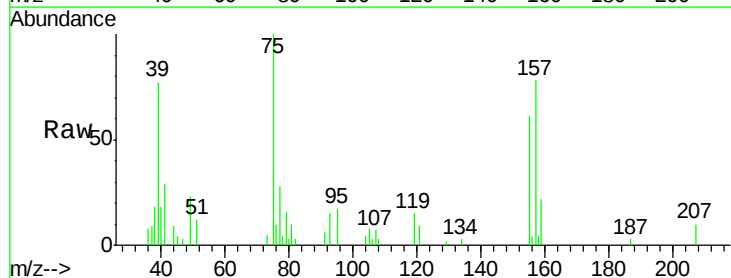
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

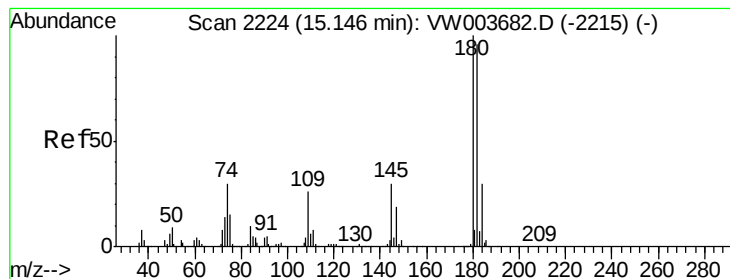
Tgt Ion:146 Resp: 54848
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.477 ug/l
 RT: 14.49 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VW003680.D
 Acq: 02 Jul 2018 16:58

Tgt Ion: 75 Resp: 4152
 Ion Ratio Lower Upper
 75 100
 155 71.6 40.2 120.6
 157 98.4 50.7 152.3





#93

1,2,4-Trichlorobenzene

Concen: 9.241 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

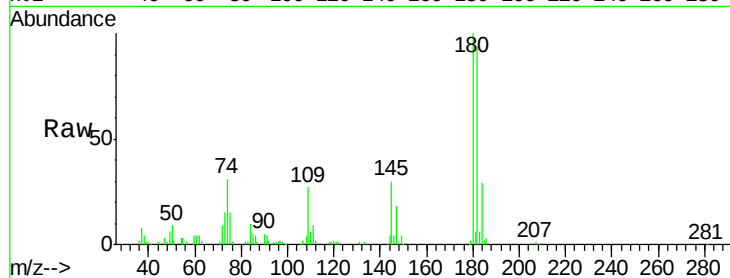
Tgt Ion:180 Resp: 37172

Ion Ratio Lower Upper

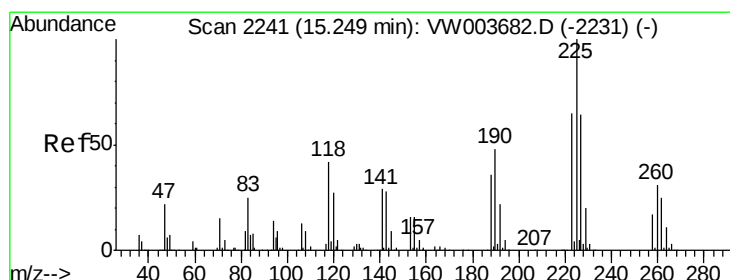
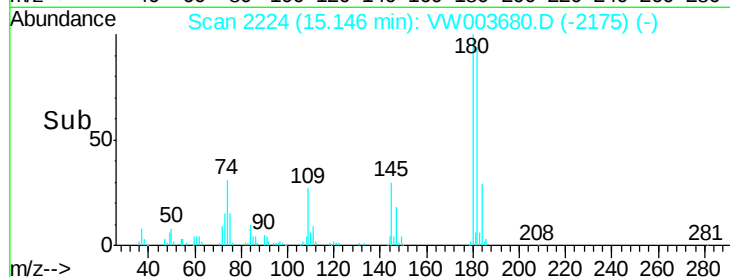
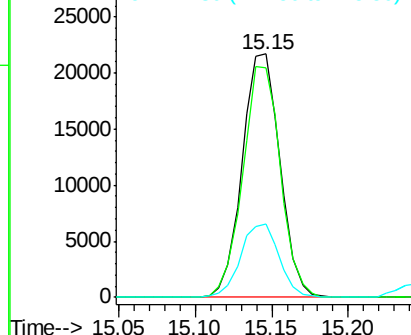
180 100

182 94.6 47.6 142.8

145 30.9 14.9 44.5



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: 9.272 ug/l

RT: 15.25 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW003680.D

Acq: 02 Jul 2018 16:58

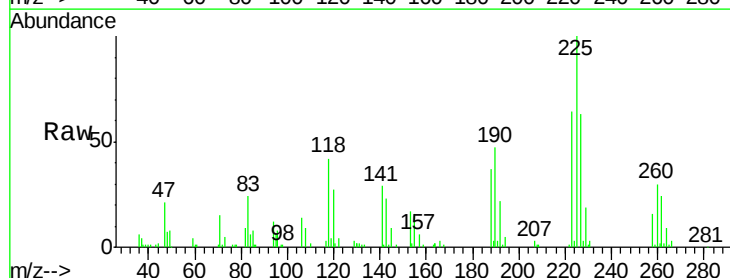
Tgt Ion:225 Resp: 22259

Ion Ratio Lower Upper

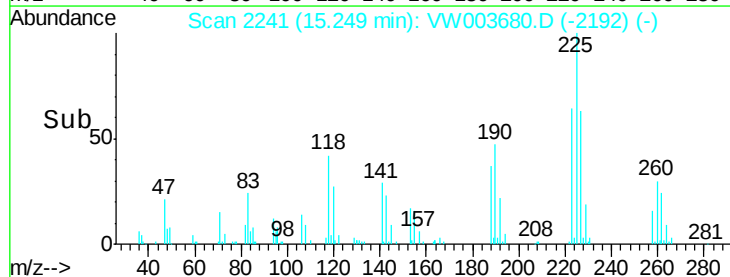
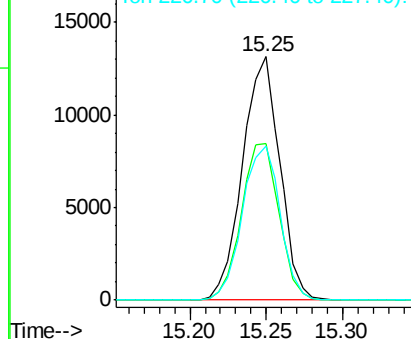
225 100

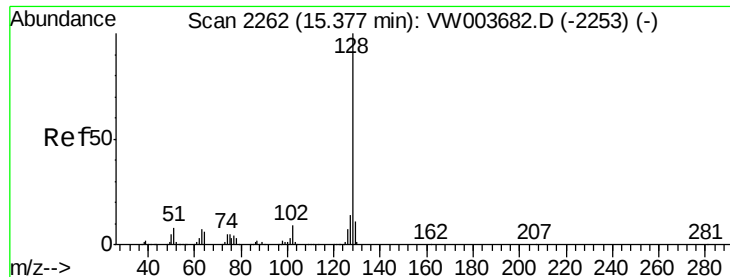
223 64.9 32.0 96.2

227 64.0 31.9 95.7



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

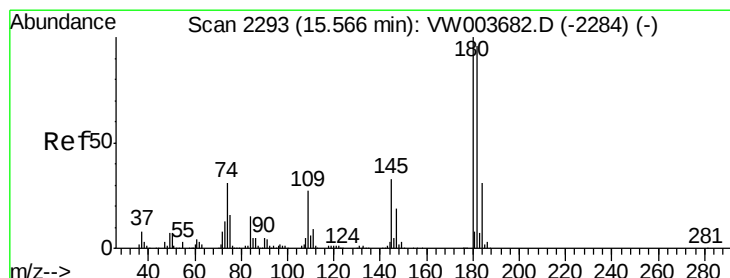
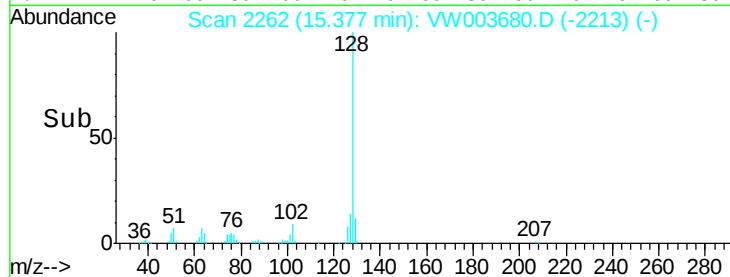
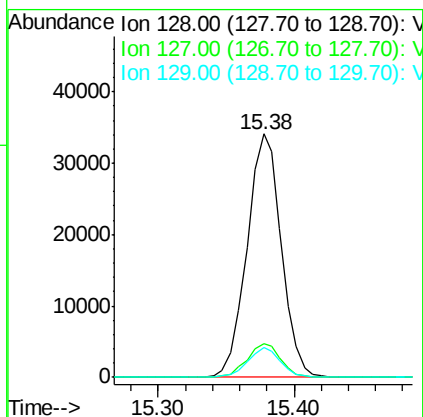
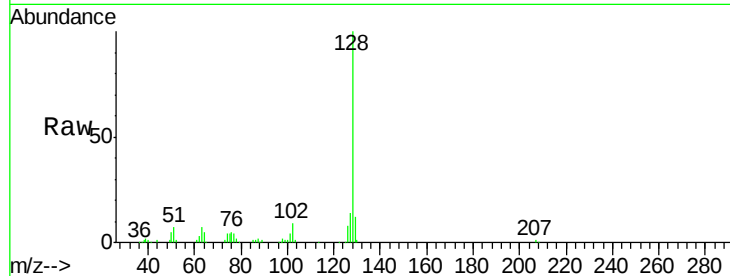




#95
Naphthalene
Concen: 8.707 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 60140
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.388 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003680.D
Acq: 02 Jul 2018 16:58

Tgt Ion:180 Resp: 33310
Ion Ratio Lower Upper
180 100
182 98.1 47.8 143.3
145 31.7 15.9 47.7

