

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003681.D
 Acq On : 02 Jul 2018 17:24
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 03 02:29:16 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	244523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	384747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56145	20.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.54%	
35) Dibromofluoromethane	7.88	113	49078	20.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.40%	
50) Toluene-d8	10.33	98	191271	19.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.80%	
62) 4-Bromofluorobenzene	12.62	95	67711	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	18916	23.074	ug/l 98
3) Chloromethane	2.20	50	36169	18.982	ug/l 99
4) Vinyl Chloride	2.36	62	48565	17.627	ug/l 100
5) Bromomethane	2.78	94	32762	18.005	ug/l 97
6) Chloroethane	2.92	64	30373	16.207	ug/l 93
7) Trichlorofluoromethane	3.25	101	27911	17.390	ug/l 99
8) Diethyl Ether	3.67	74	25148	20.606	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	46154	20.087	ug/l 100
10) Methyl Iodide	4.26	142	65173	18.801	ug/l 99
11) Tert butyl alcohol	5.23	59	17270	117.629	ug/l # 84
12) 1,1-Dichloroethene	4.02	96	44614	19.732	ug/l 95
13) Acrolein	3.89	56	11165	62.045	ug/l 91
14) Allyl chloride	4.66	41	75242	19.322	ug/l 99
15) Acrylonitrile	5.37	53	57443	112.321	ug/l 99
16) Acetone	4.14	43	64733	112.523	ug/l 94
17) Carbon Disulfide	4.37	76	121221	17.922	ug/l 99
18) Methyl Acetate	4.67	43	28100	21.011	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	87492	20.637	ug/l 96
20) Methylene Chloride	4.92	84	56090	20.069	ug/l 94
21) trans-1,2-Dichloroethene	5.41	96	48360	19.597	ug/l 99
22) Diisopropyl ether	6.31	45	163034	20.732	ug/l 98
23) Vinyl Acetate	6.26	43	481509	104.773	ug/l 99
24) 1,1-Dichloroethane	6.21	63	95166	20.387	ug/l 99
25) 2-Butanone	7.18	43	85139	118.064	ug/l 100
26) 2,2-Dichloropropane	7.17	77	60125	19.655	ug/l 96
27) cis-1,2-Dichloroethene	7.17	96	54869	20.433	ug/l 100
28) Bromochloromethane	7.51	49	44063	22.738	ug/l 99
29) Tetrahydrofuran	7.54	42	49328	111.506	ug/l 99
30) Chloroform	7.67	83	98714	20.837	ug/l 98
31) Cyclohexane	7.95	56	80214	18.335	ug/l 91
32) 1,1,1-Trichloroethane	7.87	97	76584	19.753	ug/l 99
36) 1,1-Dichloropropene	8.08	75	75560	19.964	ug/l 99
37) Ethyl Acetate	7.26	43	36703	22.874	ug/l 99
38) Carbon Tetrachloride	8.07	117	71341	19.379	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
 Data File : VW003681.D
 Acq On : 02 Jul 2018 17:24
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 03 02:29:16 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)
39) Methylcyclohexane	9.34	83	81415	18.536	ug/l	95
40) Benzene	8.32	78	211861	20.299	ug/l	98
41) Methacrylonitrile	7.49	41	21511	22.130	ug/l	95
42) 1,2-Dichloroethane	8.40	62	67129	20.553	ug/l	99
43) Isopropyl Acetate	8.43	43	66823	21.209	ug/l	99
44) Trichloroethene	9.09	130	53877	19.652	ug/l	100
45) 1,2-Dichloropropane	9.37	63	56054	21.099	ug/l	97
46) Dibromomethane	9.46	93	28938	21.188	ug/l	99
47) Bromodichloromethane	9.65	83	70805	20.338	ug/l	99
48) Methyl methacrylate	9.44	41	32476	21.863	ug/l	99
49) 1,4-Dioxane	9.48	88	8048	389.462	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	178577	110.505	ug/l	98
52) Toluene	10.39	92	132176	19.787	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	72267	20.268	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	82024	20.183	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40460	21.033	ug/l	98
56) Ethyl methacrylate	10.65	69	48328	20.551	ug/l	99
57) 1,3-Dichloropropane	10.93	76	71245	21.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112413	108.426	ug/l	99
59) 2-Hexanone	10.98	43	131926	116.618	ug/l	97
60) Dibromochloromethane	11.13	129	46748	20.557	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38055	20.908	ug/l	99
64) Tetrachloroethene	10.87	164	46674	19.341	ug/l	97
65) Chlorobenzene	11.66	112	148913	19.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52885	20.052	ug/l	99
67) Ethyl Benzene	11.74	91	258655	19.395	ug/l	99
68) m/p-Xylenes	11.85	106	199491	39.346	ug/l	100
69) o-Xylene	12.17	106	91172	19.471	ug/l	100
70) Styrene	12.19	104	156689	20.005	ug/l	99
71) Bromoform	12.35	173	27770	20.171	ug/l #	98
73) Isopropylbenzene	12.47	105	254079	18.959	ug/l	100
74) N-amyl acetate	12.28	43	64136	20.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49337	21.324	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65479	39.393	ug/l #	100
77) Bromobenzene	12.75	156	61251	19.540	ug/l	98
78) n-propylbenzene	12.81	91	317566	19.297	ug/l	100
79) 2-Chlorotoluene	12.90	91	179529	19.304	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	218039	19.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15490	21.171	ug/l	96
82) 4-Chlorotoluene	12.99	91	193987	19.672	ug/l	98
83) tert-Butylbenzene	13.21	119	185077	19.308	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	228603	19.693	ug/l	99
85) sec-Butylbenzene	13.39	105	278168	19.507	ug/l	100
86) p-Isopropyltoluene	13.51	119	239304	19.069	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126475	19.704	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	126917	19.877	ug/l	98
89) n-Butylbenzene	13.84	91	238831	19.482	ug/l	98
90) Hexachloroethane	14.10	117	44586	19.611	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	112851	20.032	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8330	21.365	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
Data File : VW003681.D
Acq On : 02 Jul 2018 17:24
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Quant Time: Jul 03 02:29:16 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

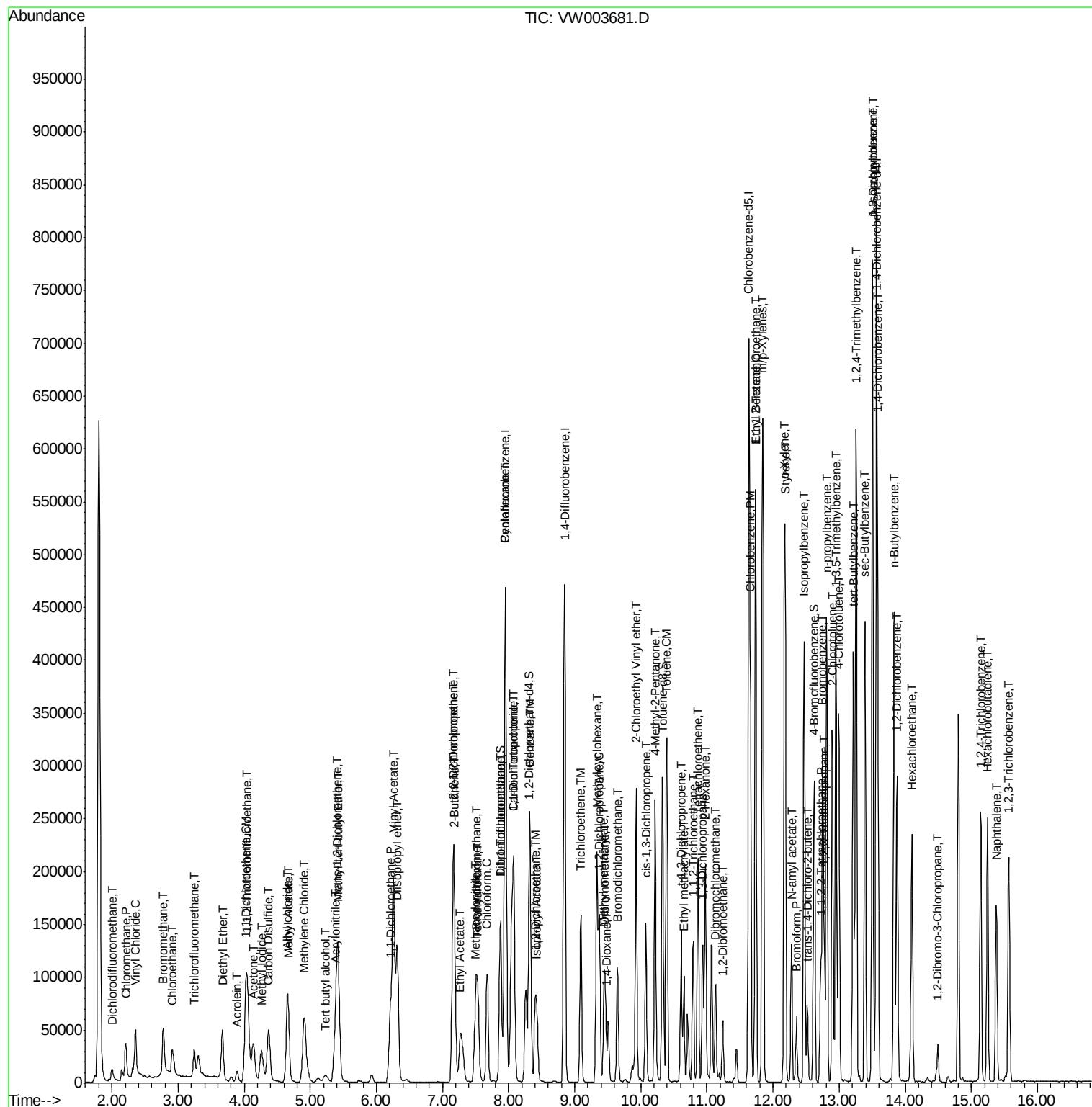
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80328	20.298	ug/l	100
94) Hexachlorobutadiene	15.25	225	46926	19.869	ug/l	99
95) Naphthalene	15.38	128	139760	20.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71198	20.396	ug/l	99

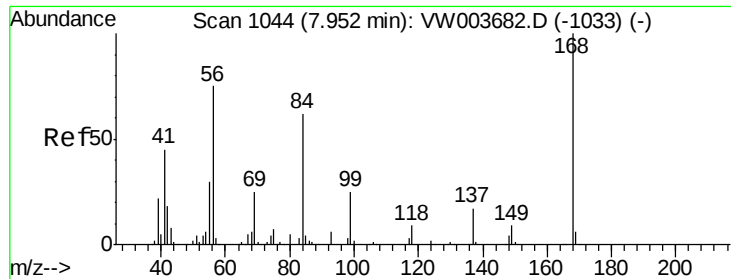
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070218\
Data File : VW003681.D
Acq On : 02 Jul 2018 17:24
Operator : SY/AP
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Quant Time: Jul 03 02:29:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

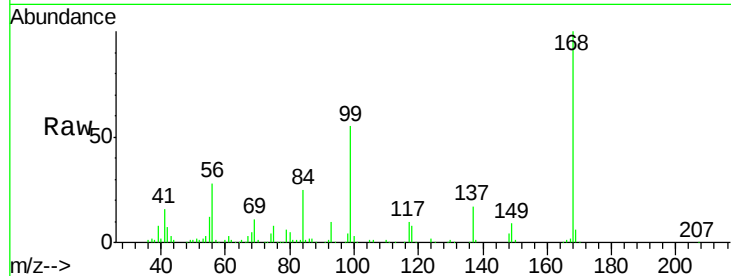
VSTDIC020

Tgt Ion:168 Resp: 244523

Ion Ratio Lower Upper

168 100

99 55.4 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

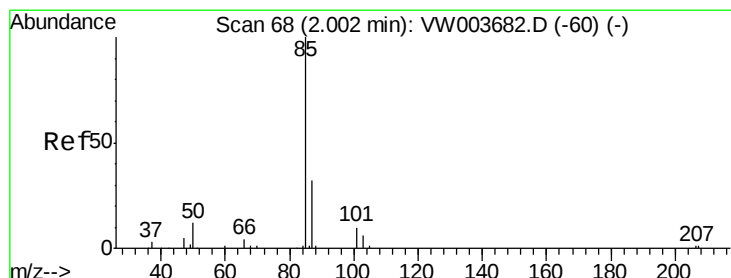
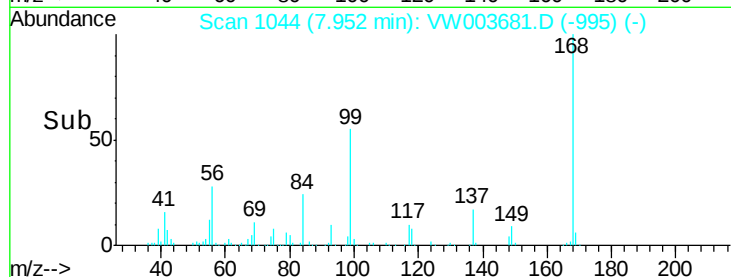
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.074 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW003681.D

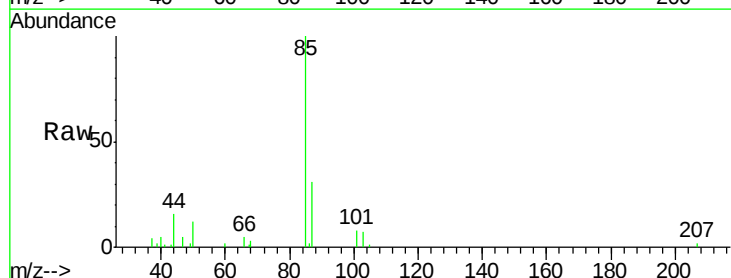
Acq: 02 Jul 2018 17:24

Tgt Ion: 85 Resp: 18916

Ion Ratio Lower Upper

85 100

87 30.7 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

6000

4000

2000

0

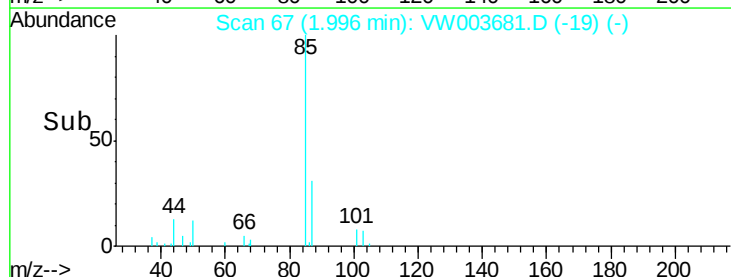
1.90

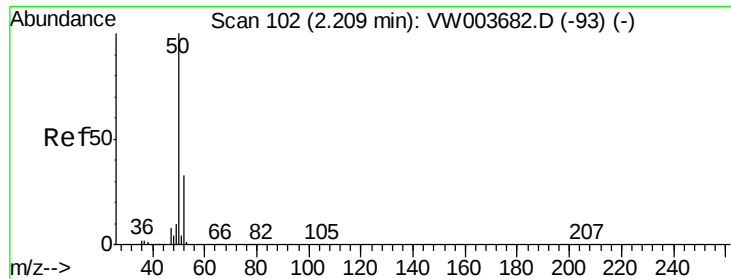
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.982 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

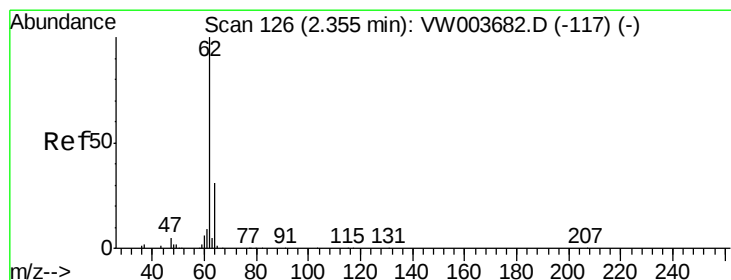
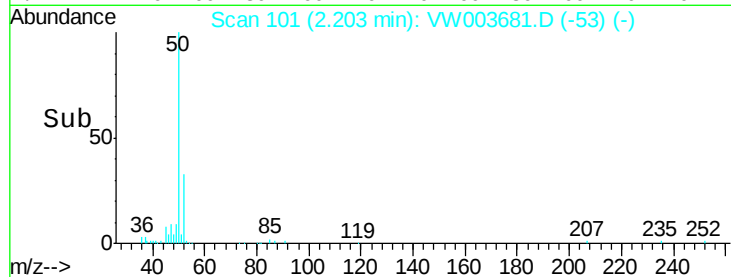
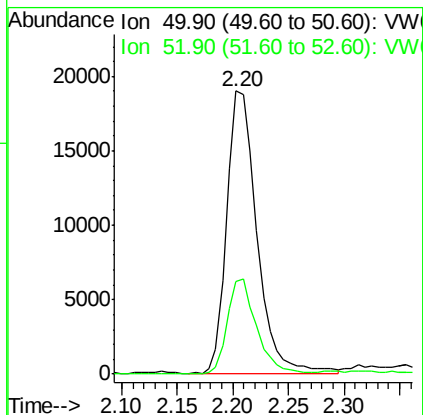
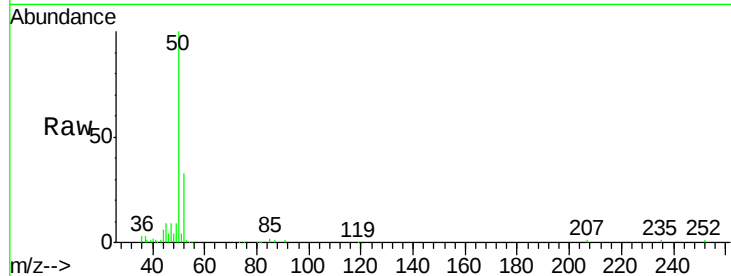
VSTDIC020

Tgt Ion: 50 Resp: 36169

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 17.627 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003681.D

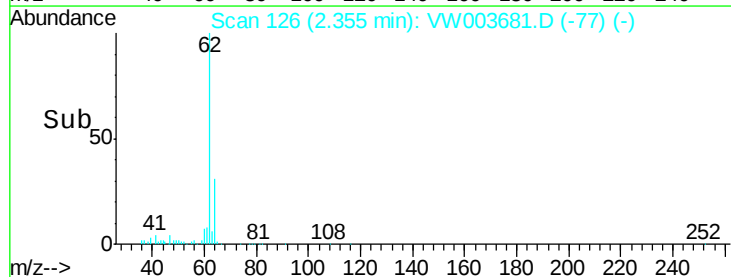
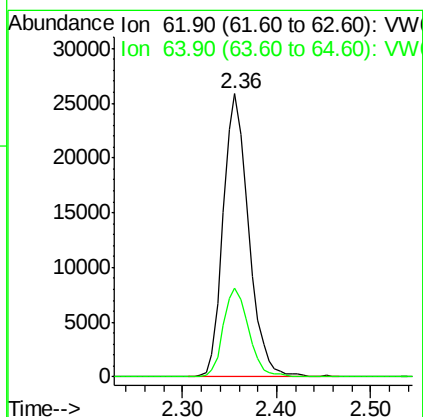
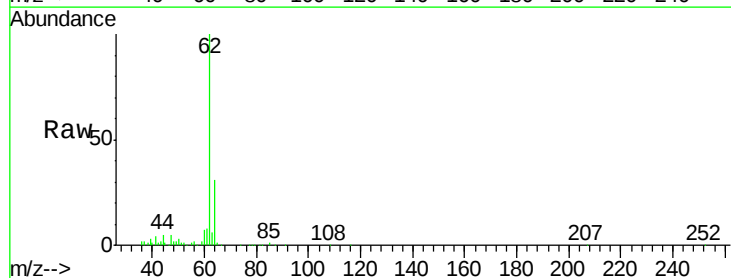
Acq: 02 Jul 2018 17:24

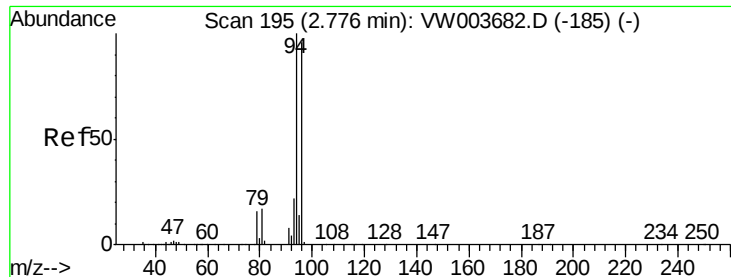
Tgt Ion: 62 Resp: 48565

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 18.005 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

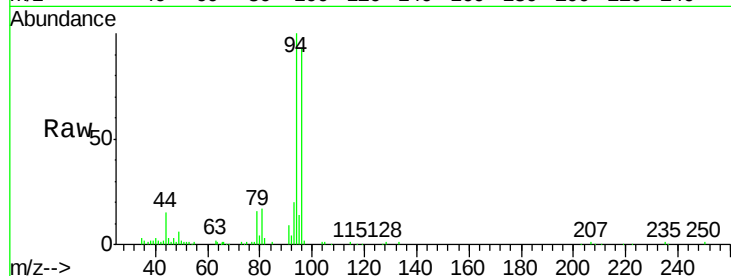
VSTDIC020

Tgt Ion: 94 Resp: 32762

Ion Ratio Lower Upper

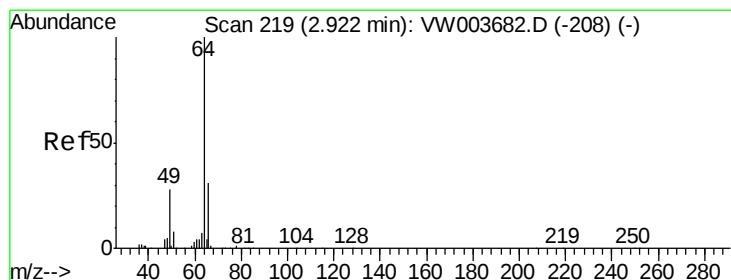
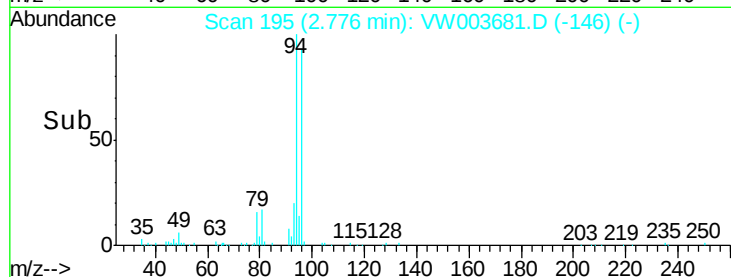
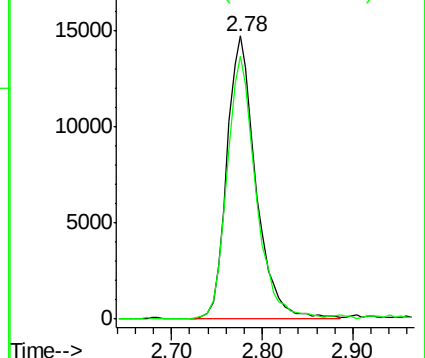
94 100

96 92.8 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: 16.207 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003681.D

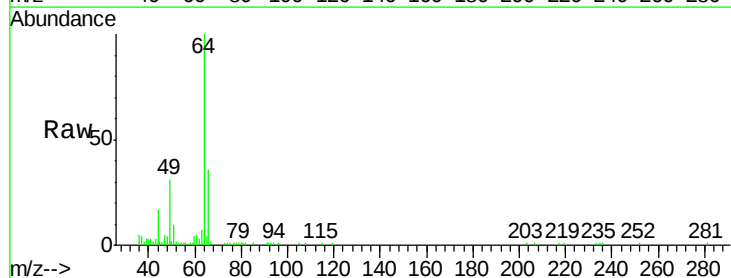
Acq: 02 Jul 2018 17:24

Tgt Ion: 64 Resp: 30373

Ion Ratio Lower Upper

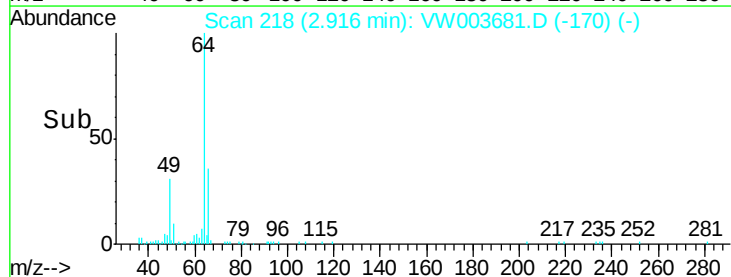
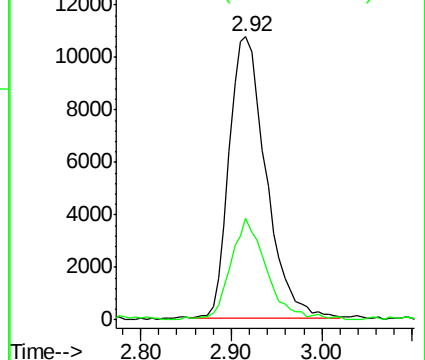
64 100

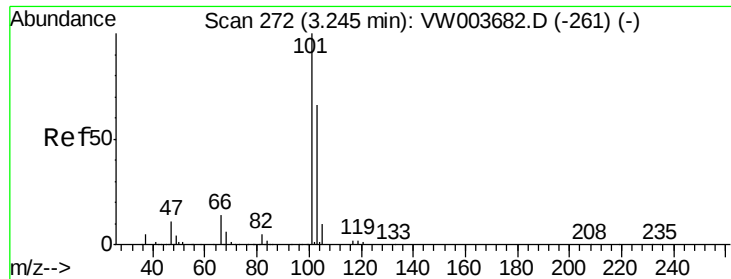
66 35.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



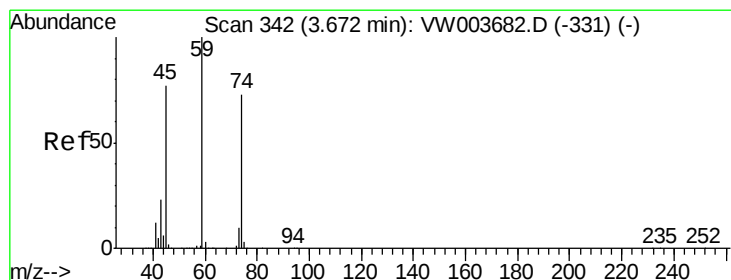
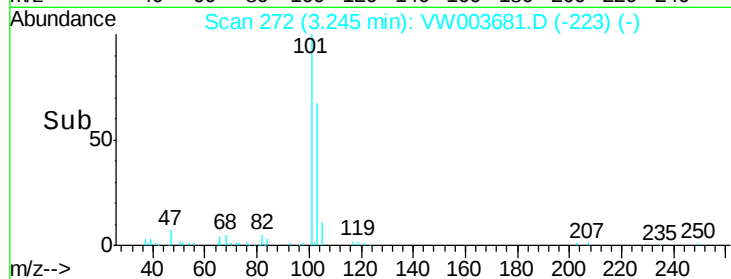
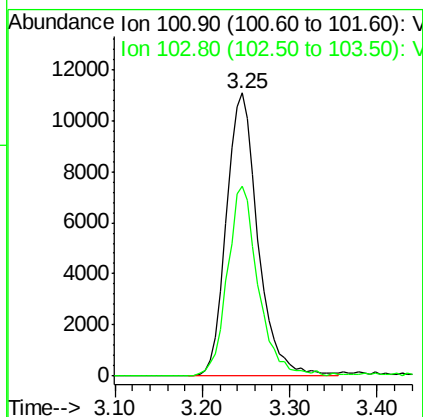
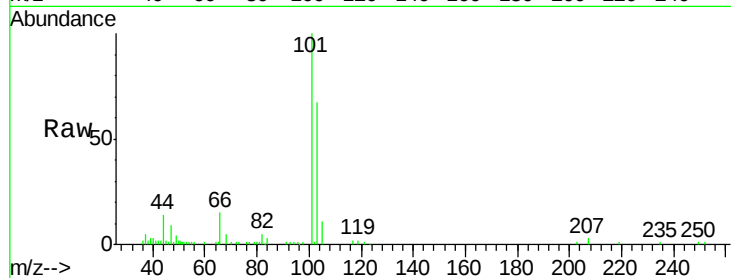


#7

Trichlorofluoromethane
 Concen: 17.390 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

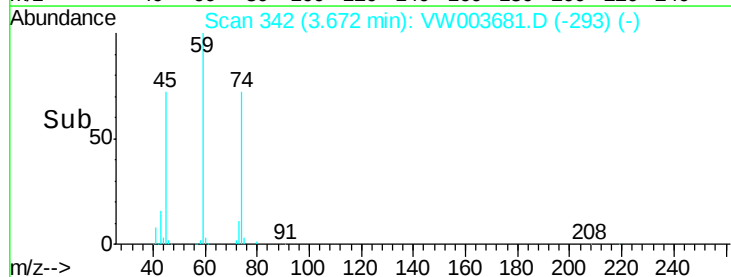
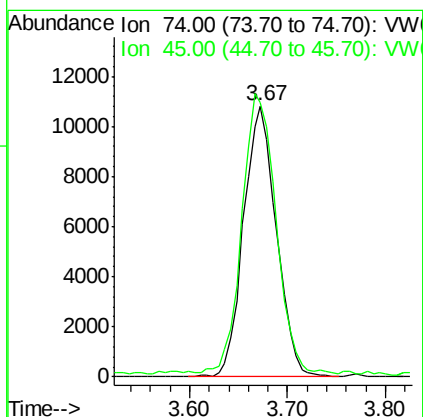
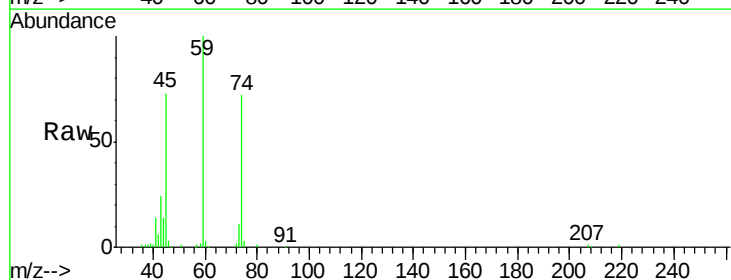
Tgt Ion: 101 Resp: 27911
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.9 79.3

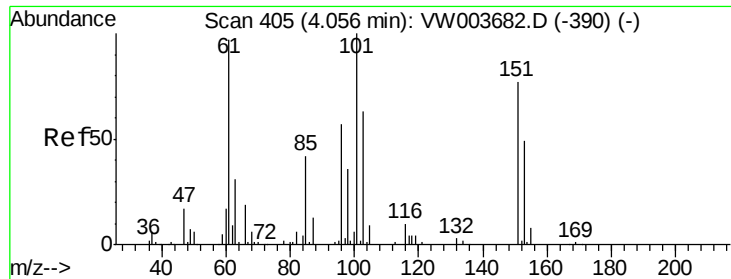


#8

Diethyl Ether
 Concen: 20.606 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 74 Resp: 25148
 Ion Ratio Lower Upper
 74 100
 45 107.5 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.087 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

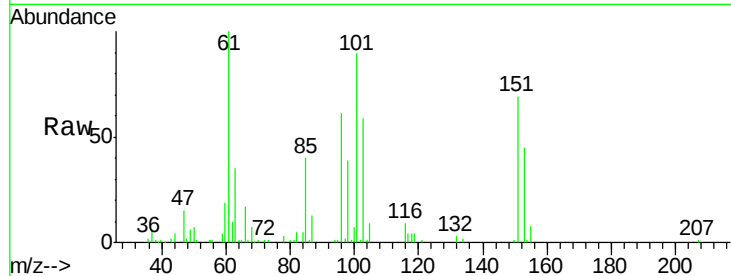
Tgt Ion:101 Resp: 46154

Ion Ratio Lower Upper

101 100

85 45.6 36.6 55.0

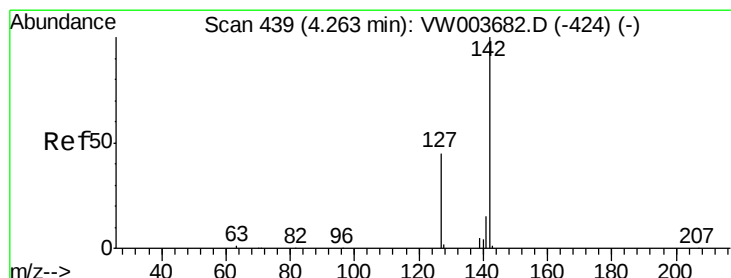
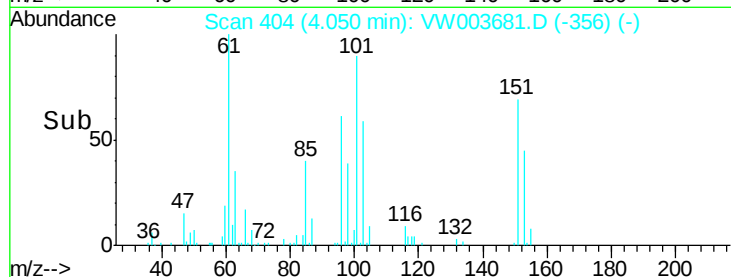
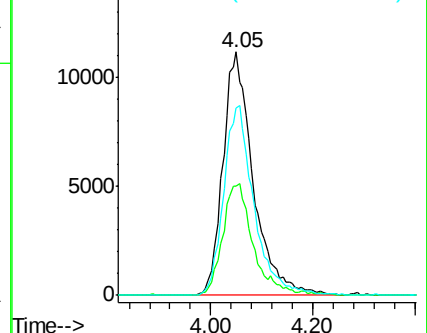
151 77.6 62.4 93.6



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: 18.801 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

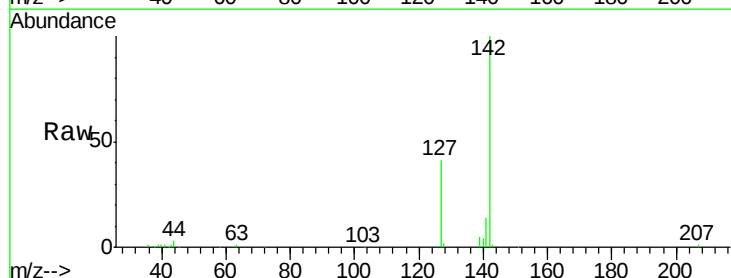
Tgt Ion:142 Resp: 65173

Ion Ratio Lower Upper

142 100

127 44.4 36.0 54.0

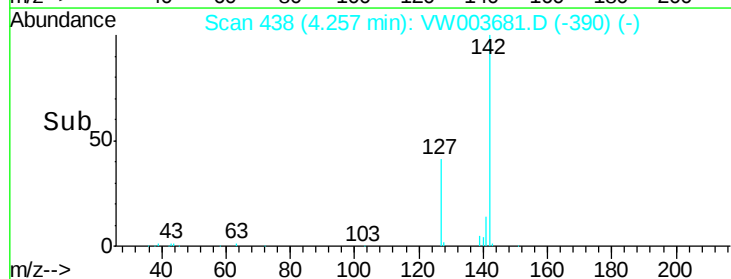
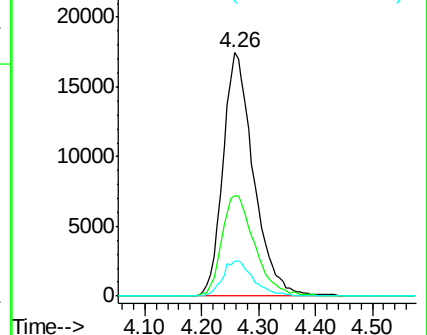
141 14.5 11.9 17.9

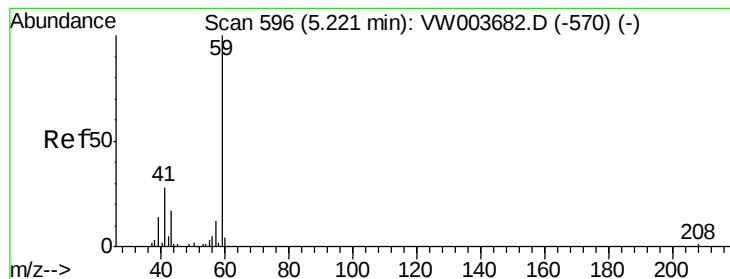


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



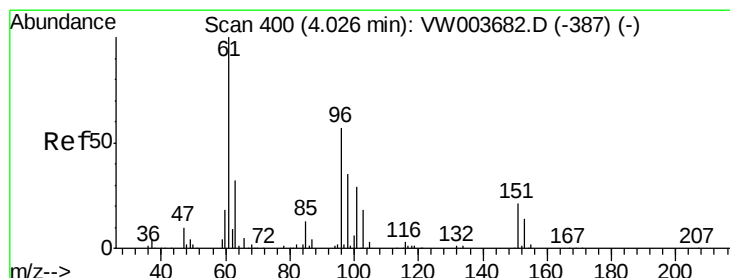
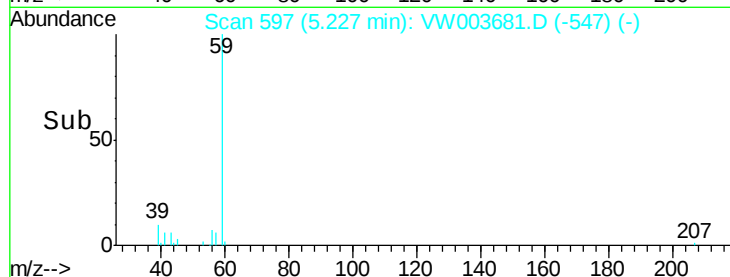
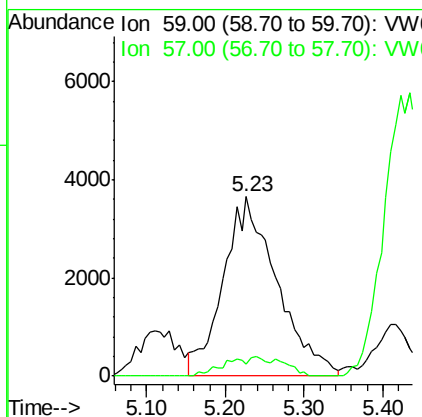
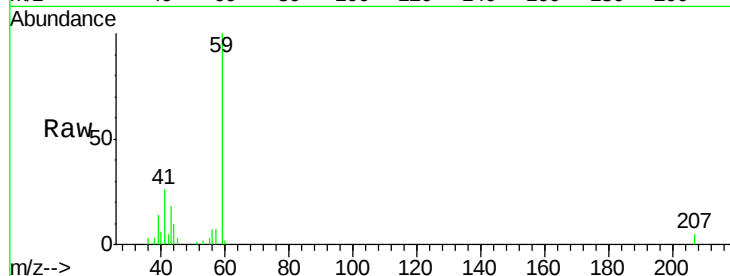


#11

Tert butyl alcohol
 Concen: 117.629 ug/l
 RT: 5.23 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

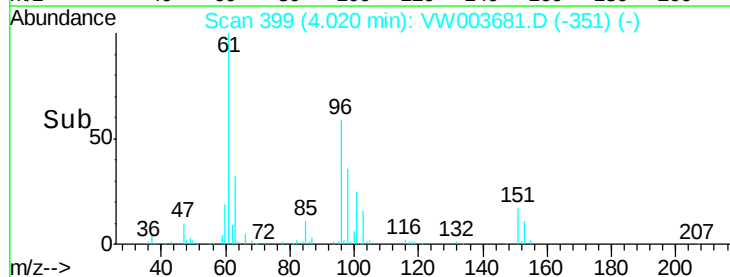
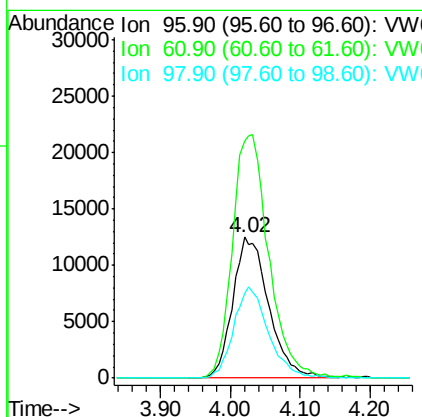
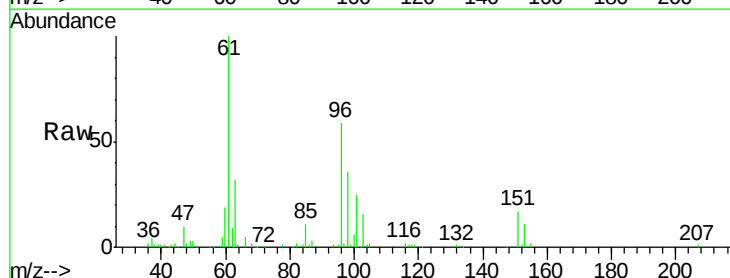
Tgt Ion: 59 Resp: 17270
 Ion Ratio Lower Upper
 59 100
 57 4.9 9.0 13.4#

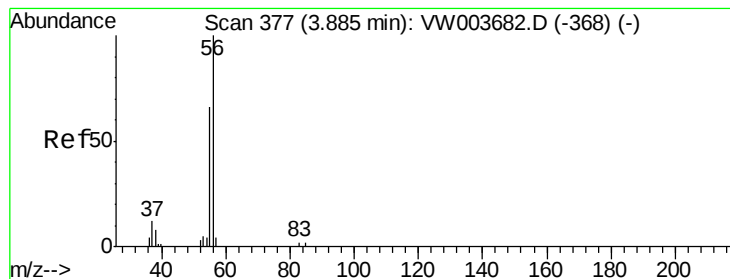


#12

1,1-Dichloroethene
 Concen: 19.732 ug/l
 RT: 4.02 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 96 Resp: 44614
 Ion Ratio Lower Upper
 96 100
 61 168.3 140.6 211.0
 98 60.0 49.4 74.0





#13

Acrolein

Concen: 62.045 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

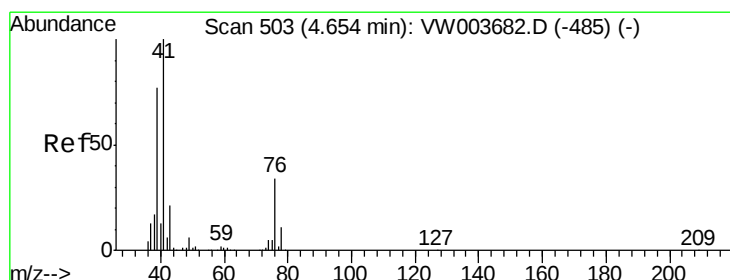
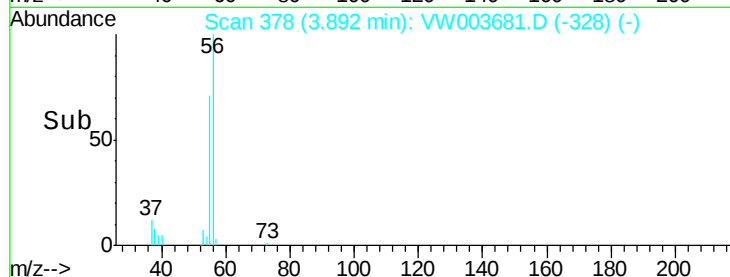
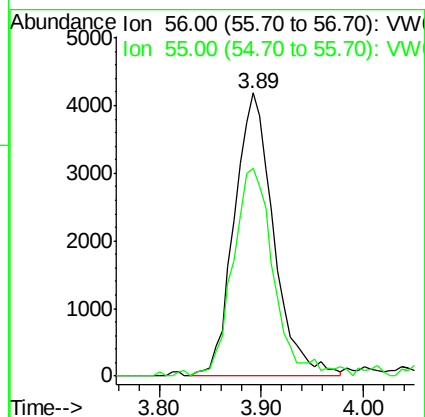
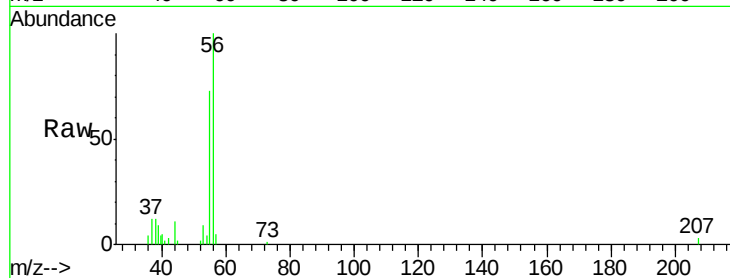
VSTDIC020

Tgt Ion: 56 Resp: 11165

Ion Ratio Lower Upper

56 100

55 75.7 54.7 82.1



#14

Allyl chloride

Concen: 19.322 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

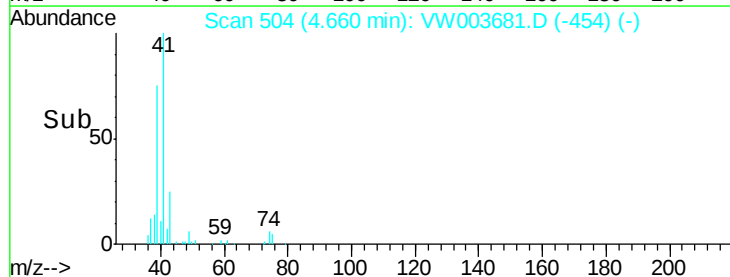
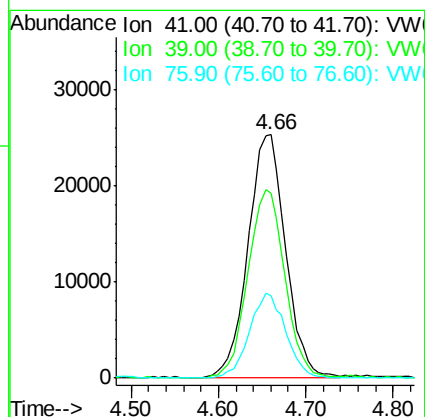
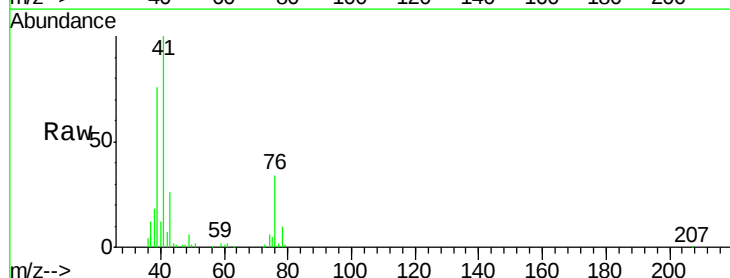
Tgt Ion: 41 Resp: 75242

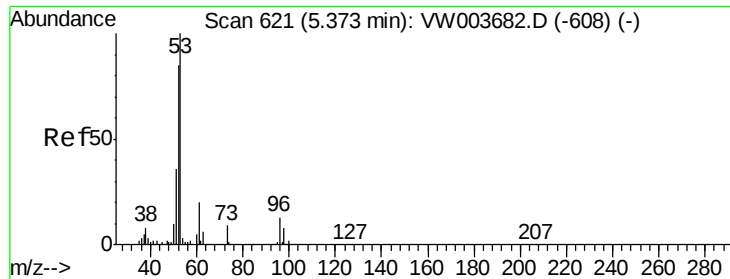
Ion Ratio Lower Upper

41 100

39 76.8 60.1 90.1

76 34.0 27.2 40.8

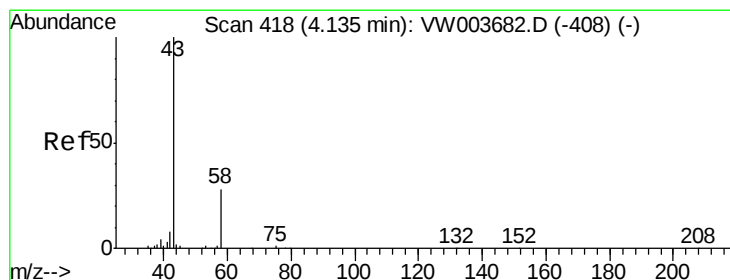
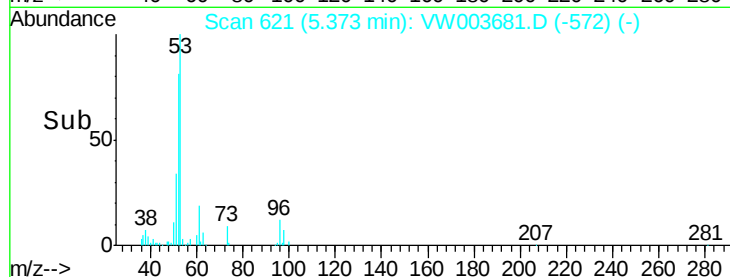
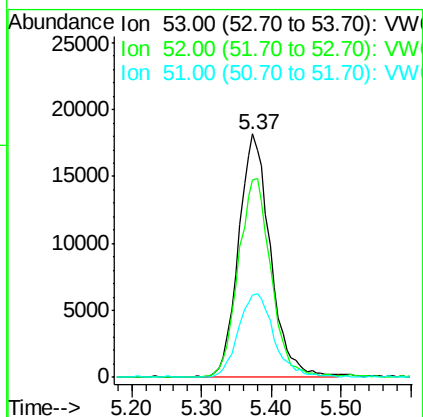
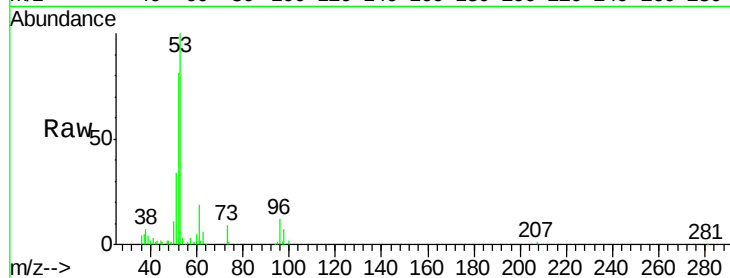




#15
 Acrylonitrile
 Concen: 112.321 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

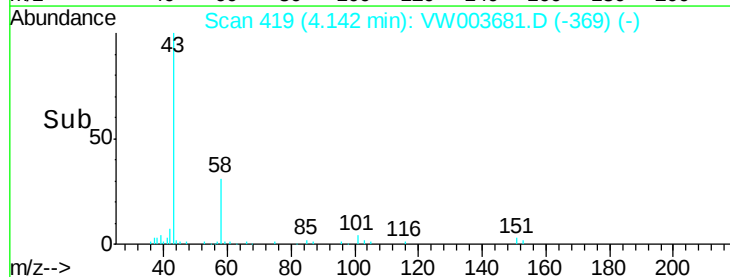
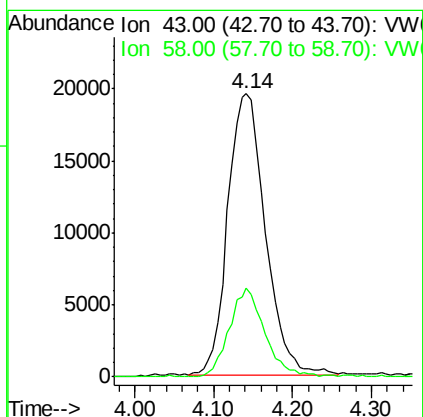
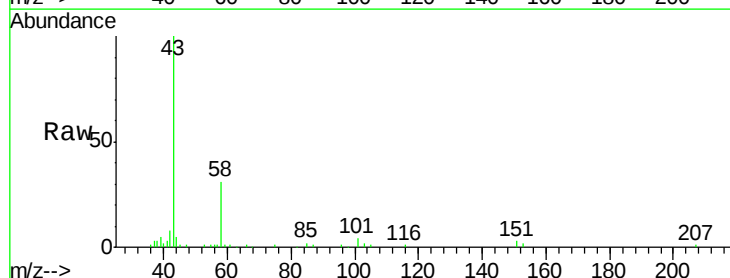
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

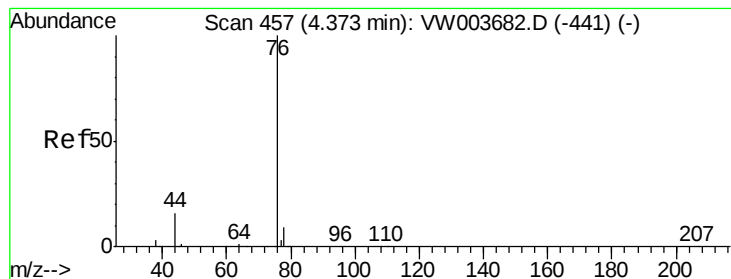
Tgt Ion: 53 Resp: 57443
 Ion Ratio Lower Upper
 53 100
 52 84.1 66.8 100.2
 51 38.4 30.2 45.4



#16
 Acetone
 Concen: 112.523 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 43 Resp: 64733
 Ion Ratio Lower Upper
 43 100
 58 31.5 22.7 34.1





#17

Carbon Disulfide

Concen: 17.922 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

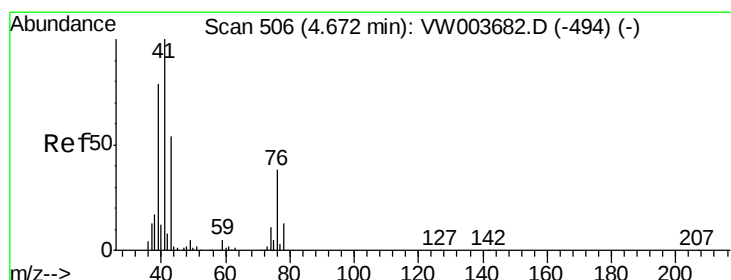
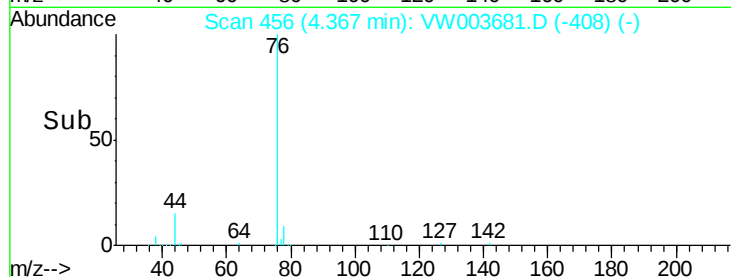
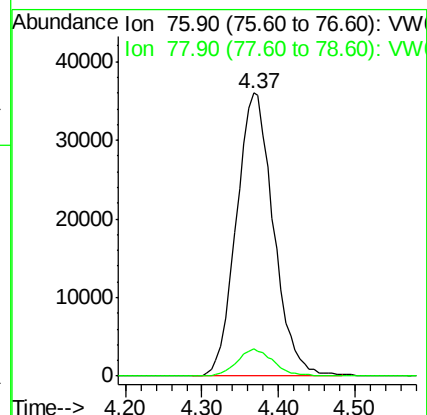
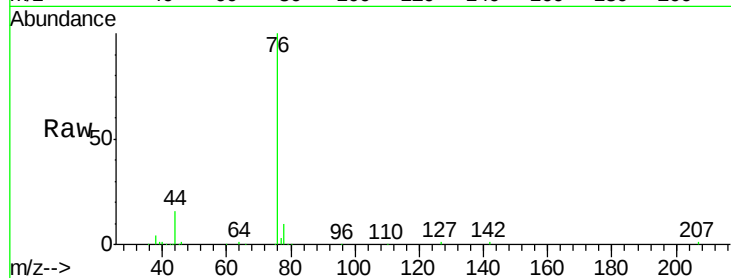
VSTDIC020

Tgt Ion: 76 Resp: 121221

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



#18

Methyl Acetate

Concen: 21.011 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003681.D

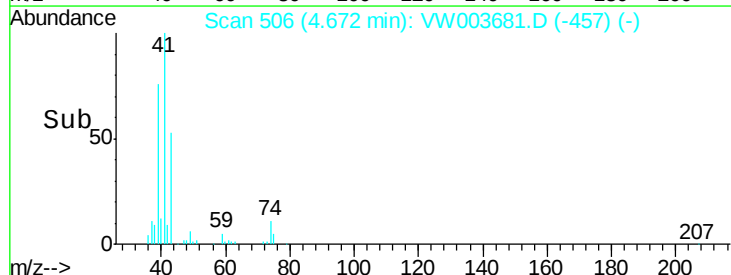
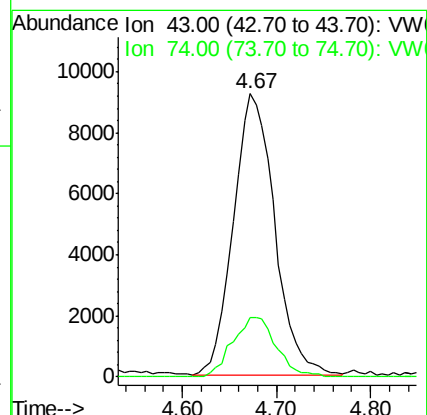
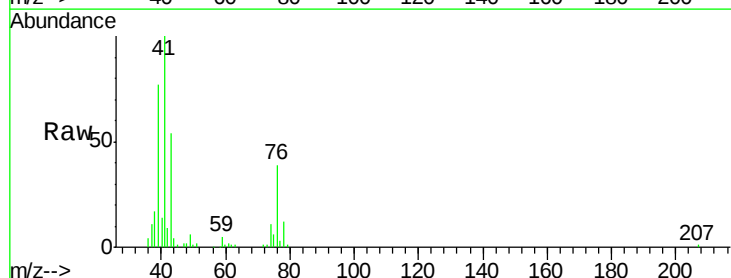
Acq: 02 Jul 2018 17:24

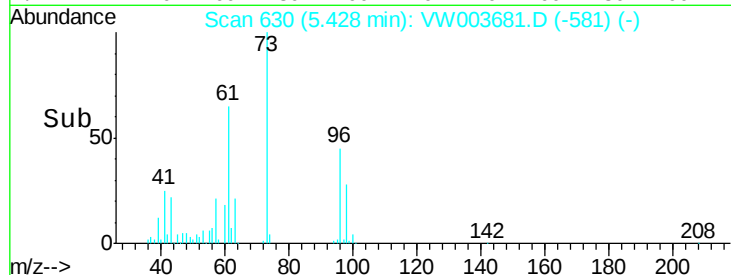
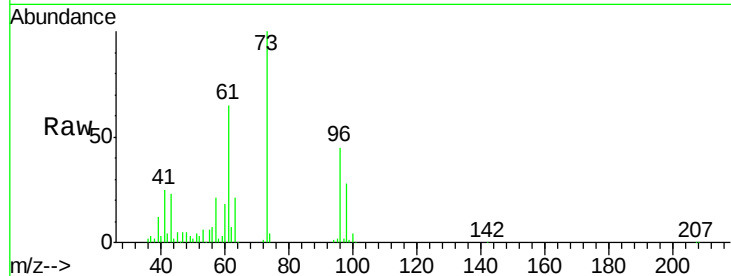
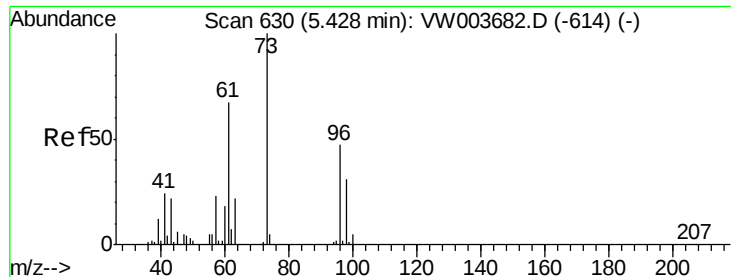
Tgt Ion: 43 Resp: 28100

Ion Ratio Lower Upper

43 100

74 22.4 18.2 27.2

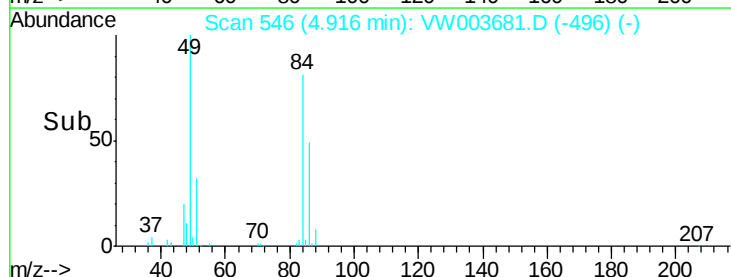
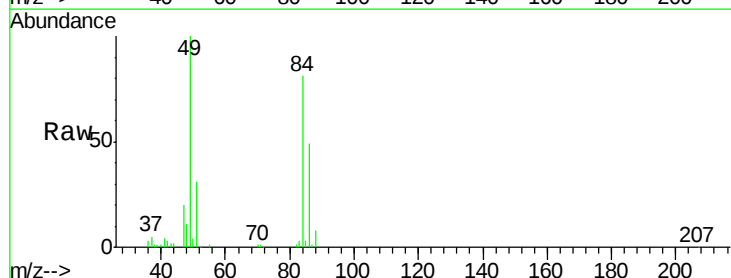
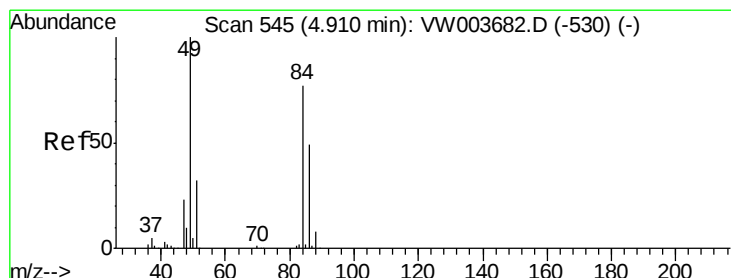
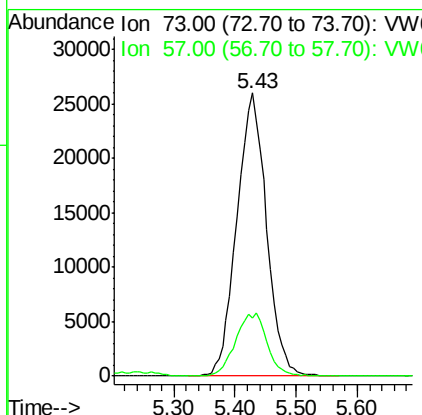




#19
Methyl tert-butyl Ether
Concen: 20.637 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

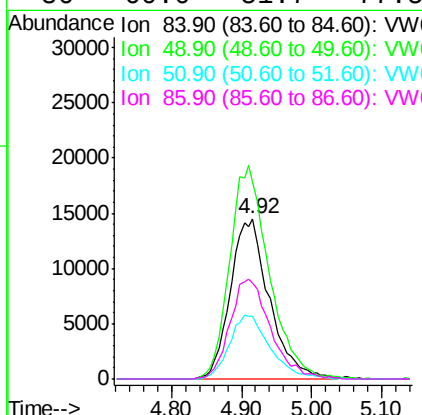
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

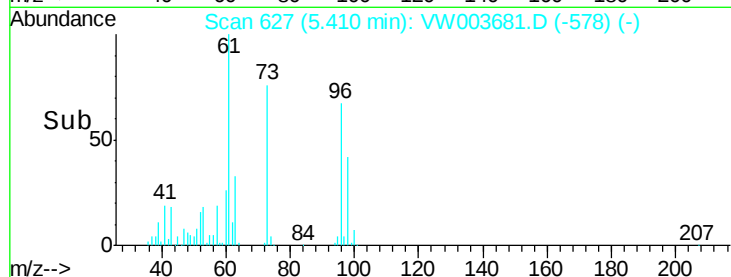
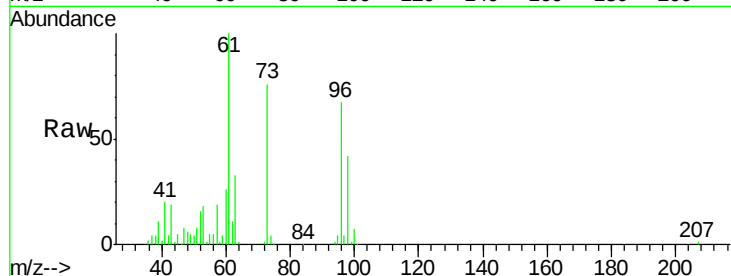
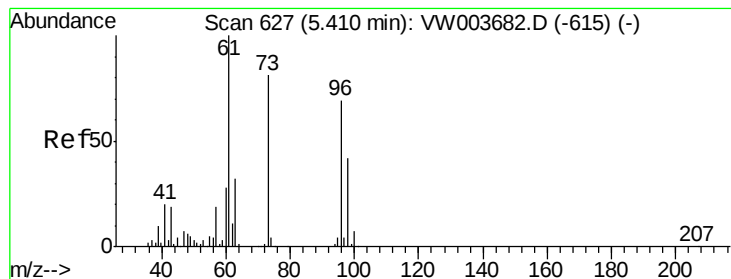
Tgt Ion: 73 Resp: 87492
Ion Ratio Lower Upper
73 100
57 20.6 18.1 27.1



#20
Methylene Chloride
Concen: 20.069 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 84 Resp: 56090
Ion Ratio Lower Upper
84 100
49 123.2 104.6 156.8
51 38.8 33.2 49.8
86 60.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.597 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

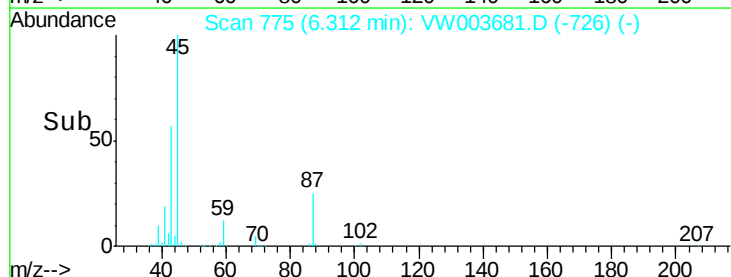
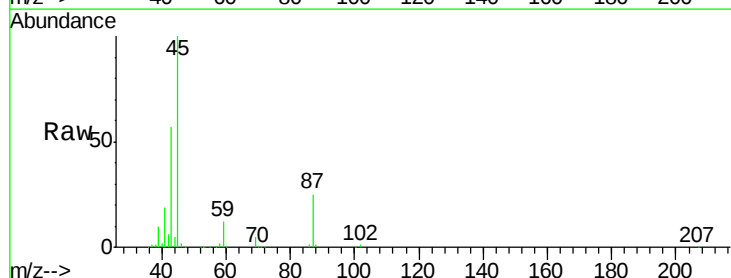
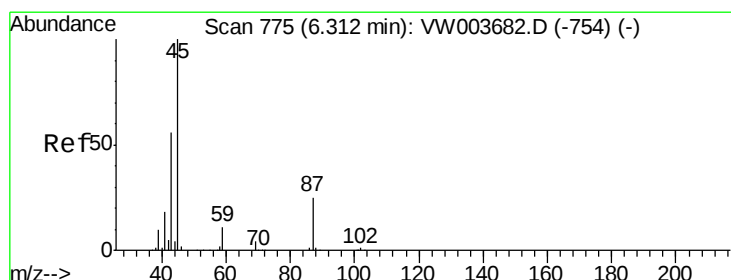
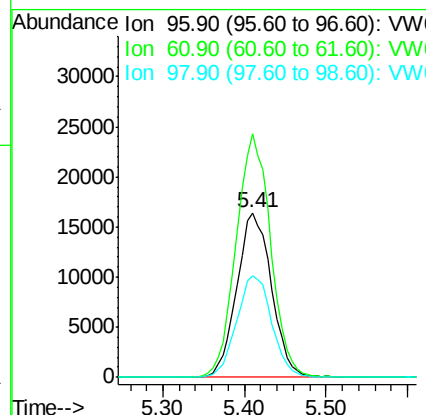
Tgt Ion: 96 Resp: 48360

Ion Ratio Lower Upper

96 100

61 148.2 116.8 175.2

98 61.6 49.6 74.4



#22

Diisopropyl ether

Concen: 20.732 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Tgt Ion: 45 Resp: 163034

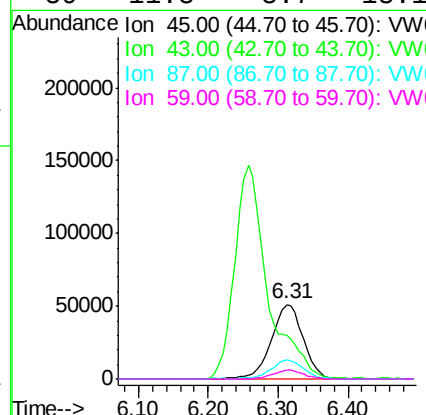
Ion Ratio Lower Upper

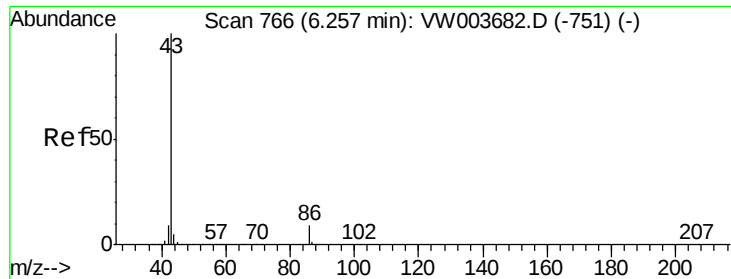
45 100

43 57.3 44.5 66.7

87 24.9 20.2 30.4

59 11.8 8.7 13.1

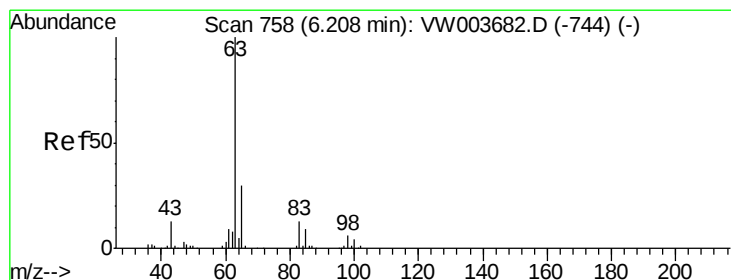
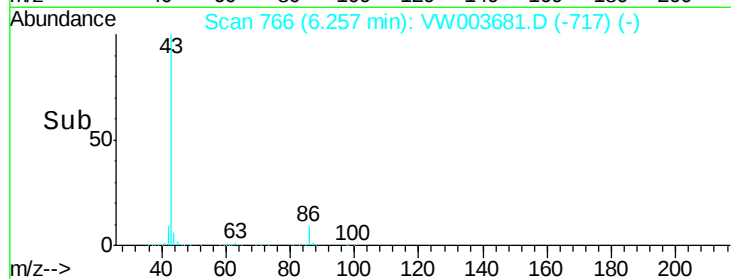
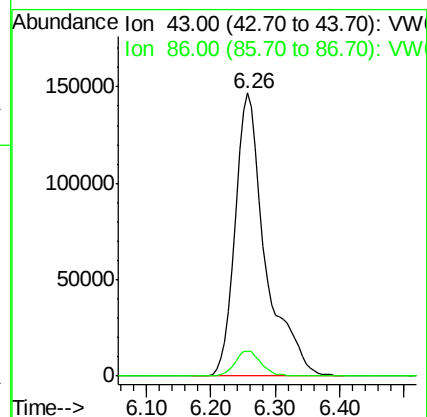
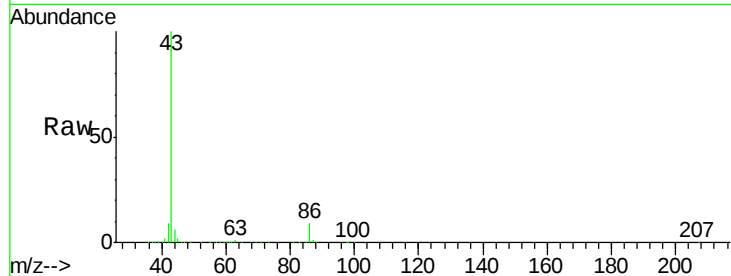




#23
 Vinyl Acetate
 Concen: 104.773 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

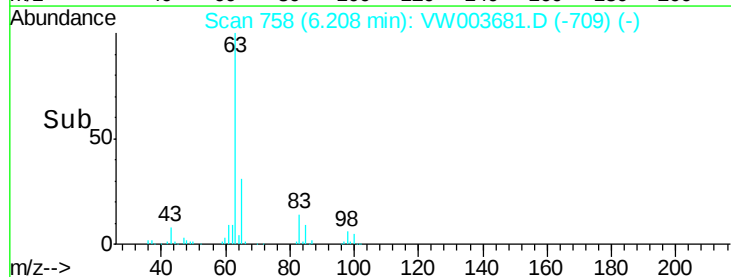
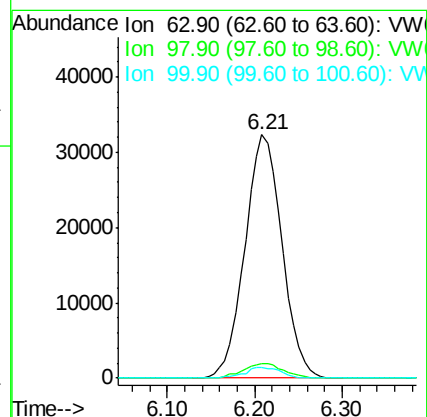
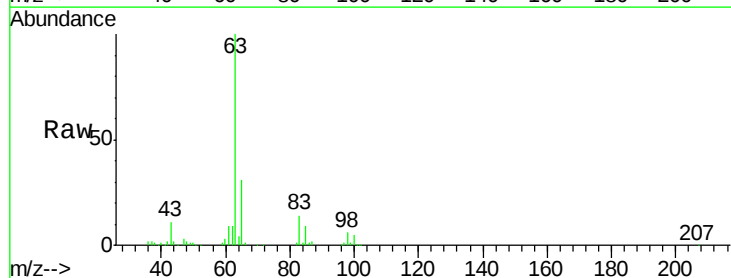
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

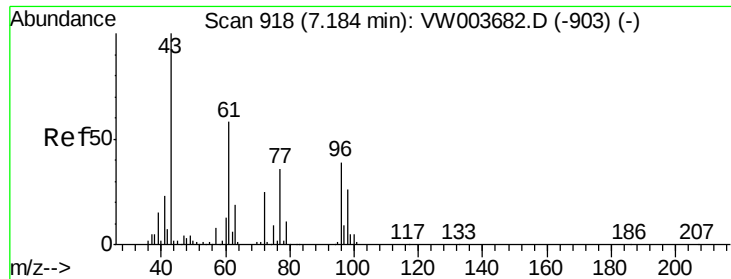
Tgt Ion: 43 Resp: 481509
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.387 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 63 Resp: 95166
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 4.6 1.9 5.7

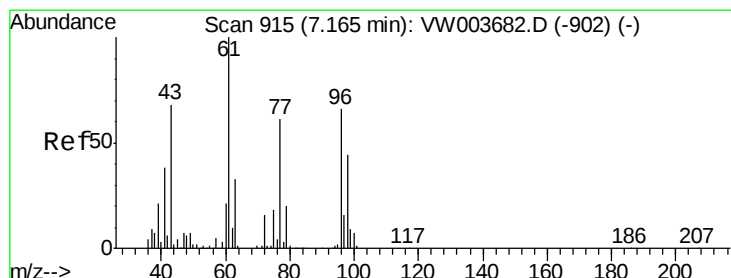
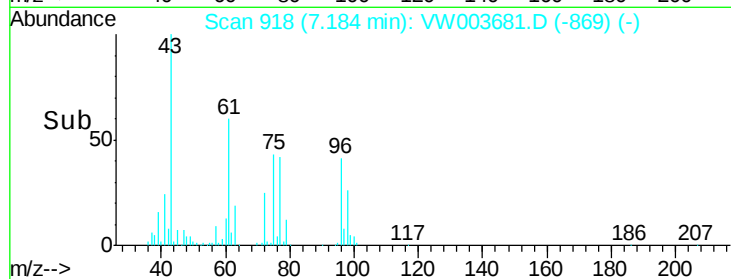
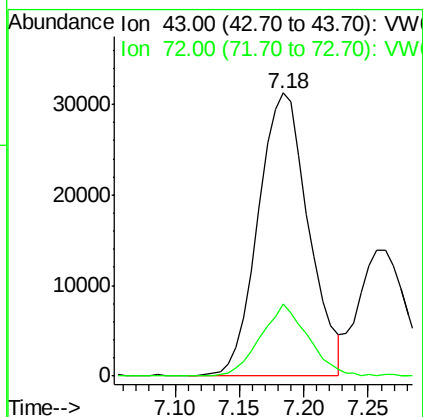
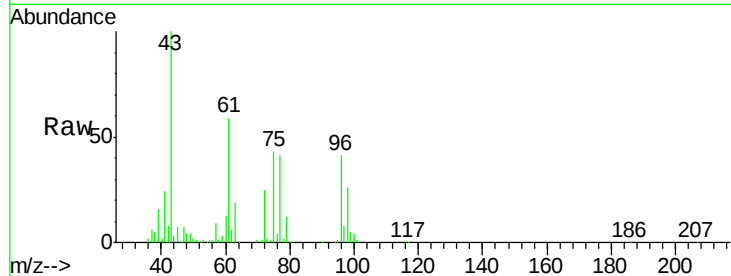




#25
2-Butanone
Concen: 118.064 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

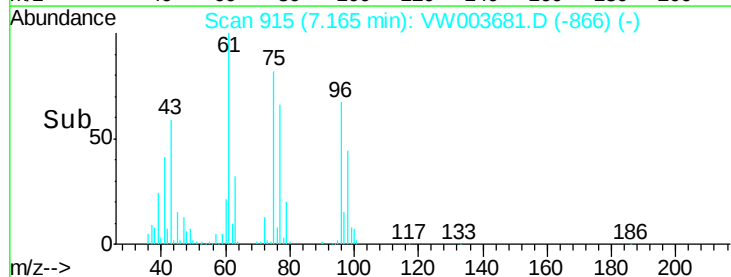
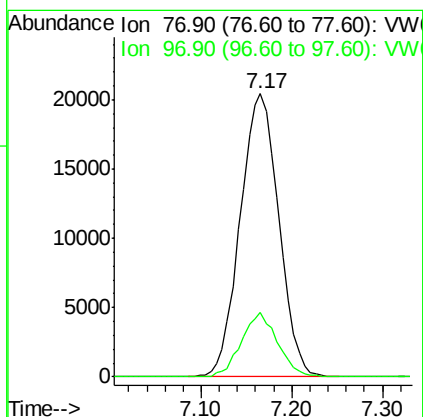
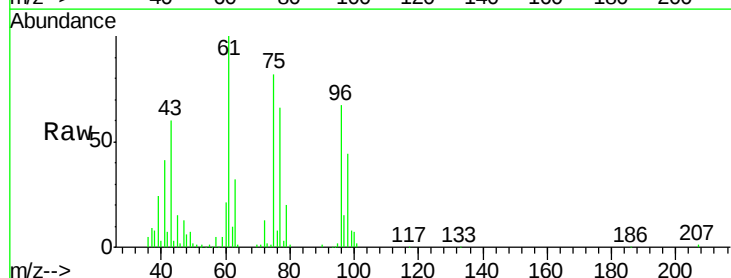
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

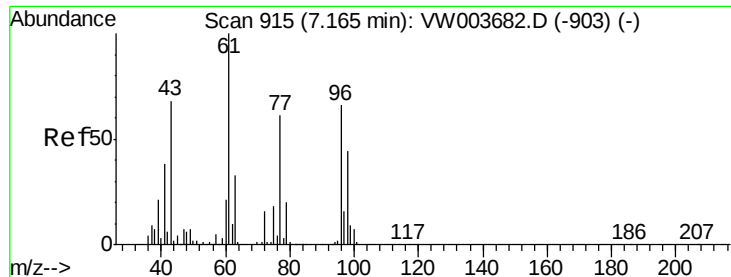
Tgt Ion: 43 Resp: 85139
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4



#26
2,2-Dichloropropane
Concen: 19.655 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 77 Resp: 60125
Ion Ratio Lower Upper
77 100
97 21.4 11.7 35.1

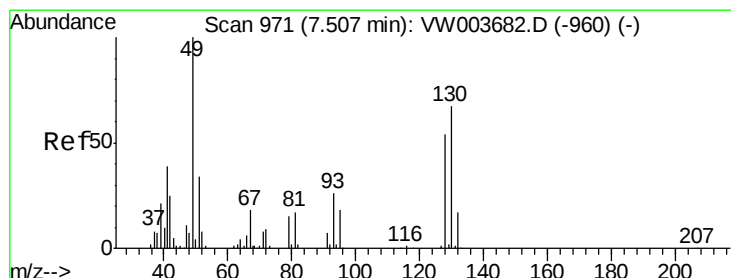
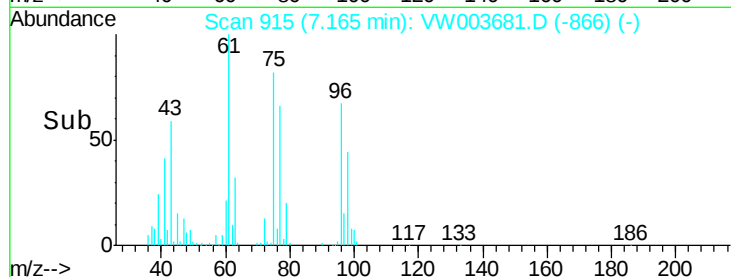
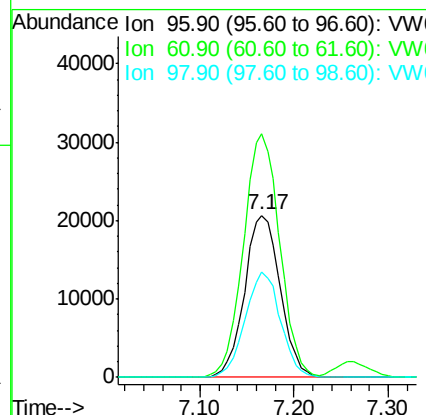
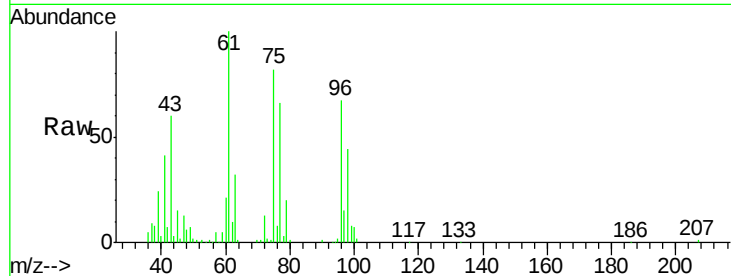




#27
 cis-1,2-Dichloroethene
 Concen: 20.433 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

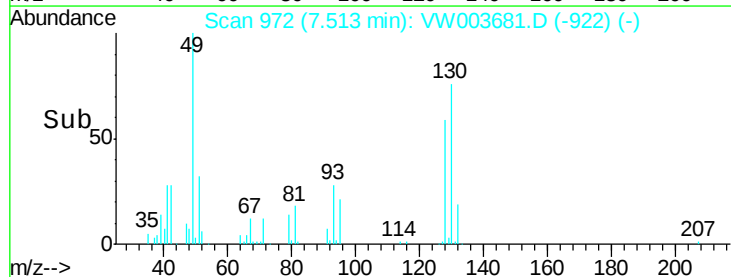
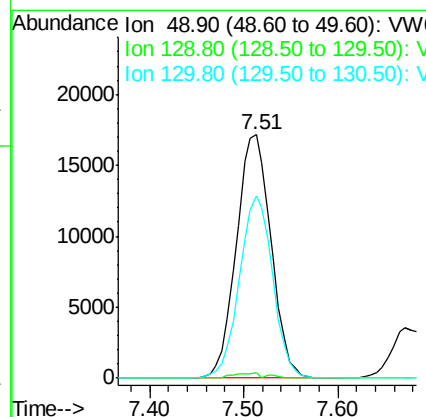
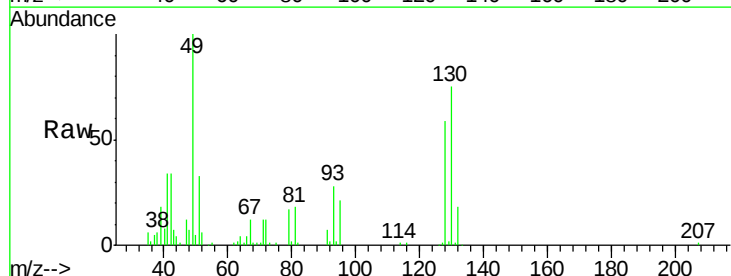
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

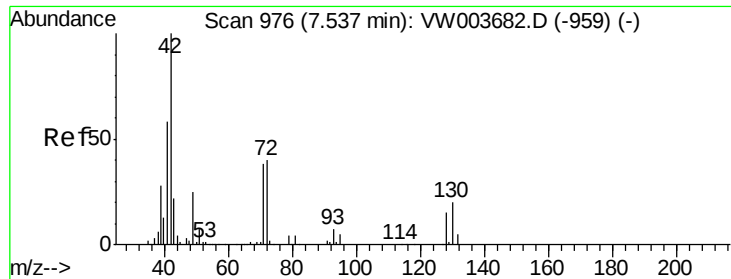
Tgt Ion: 96 Resp: 54869
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 305.0
 98 64.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 22.738 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 49 Resp: 44063
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 71.9 57.0 85.6

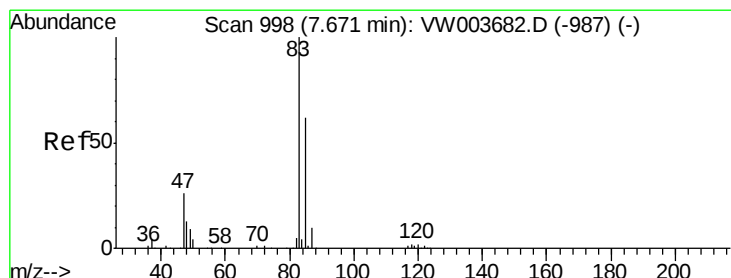
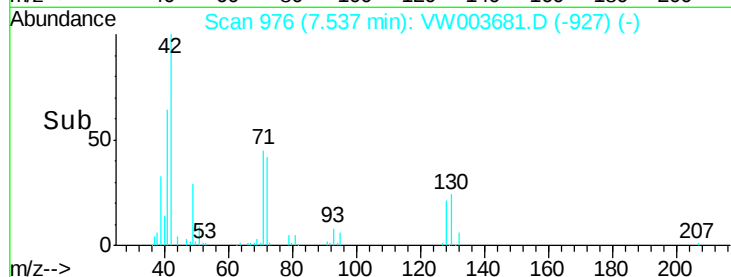
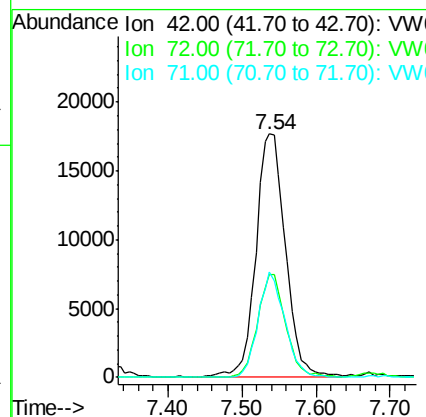
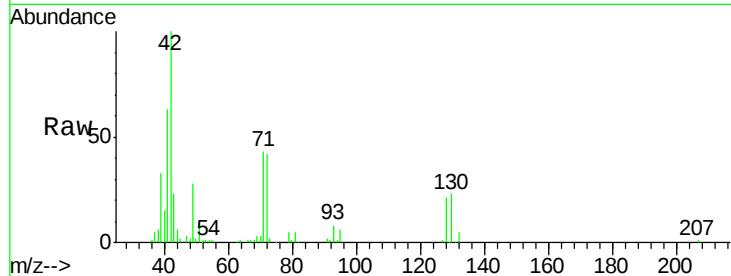




#29
Tetrahydrofuran
Concen: 111.506 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

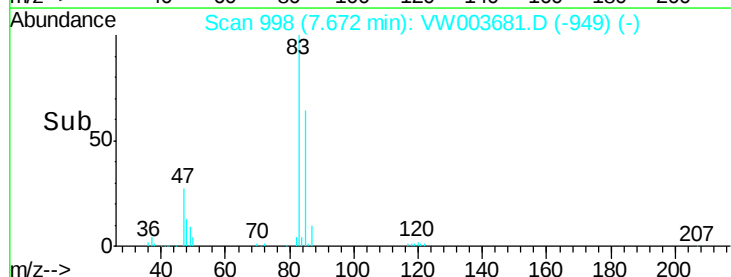
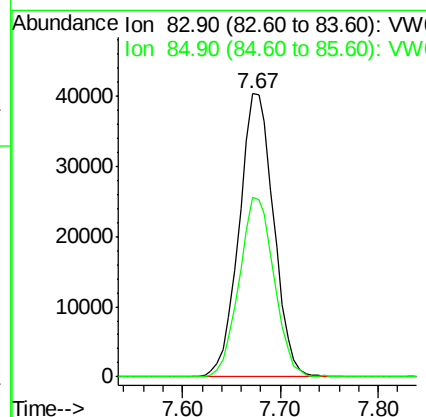
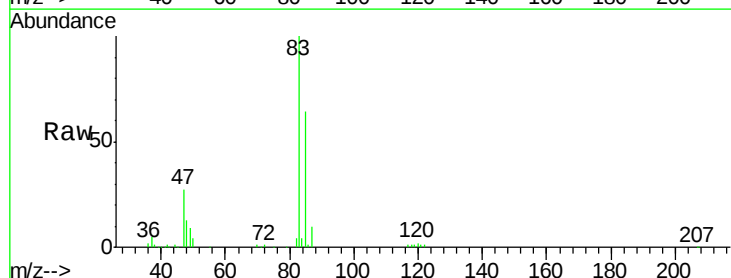
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

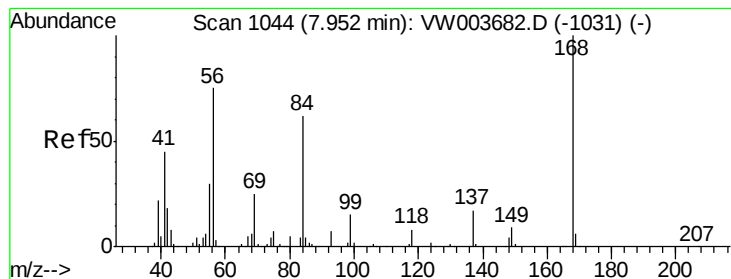
Tgt Ion: 42 Resp: 49328
Ion Ratio Lower Upper
42 100
72 40.1 32.0 48.0
71 39.0 30.2 45.2



#30
Chloroform
Concen: 20.837 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 83 Resp: 98714
Ion Ratio Lower Upper
83 100
85 63.6 49.7 74.5





#31

Cyclohexane

Concen: 18.335 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

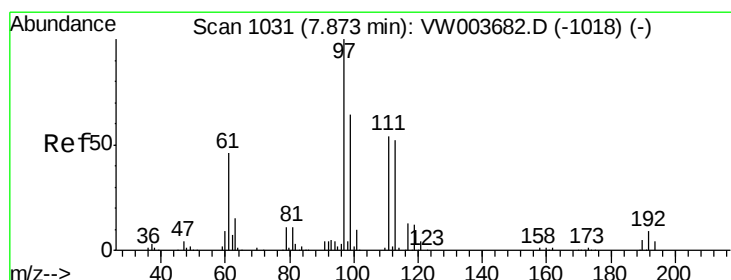
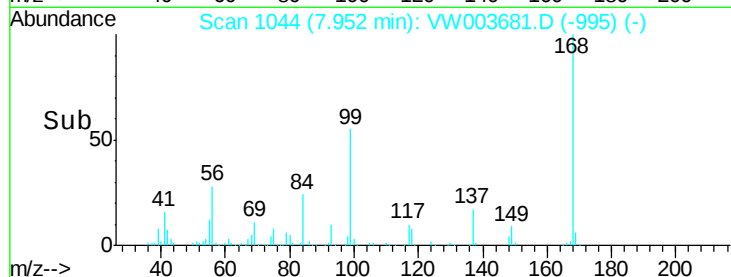
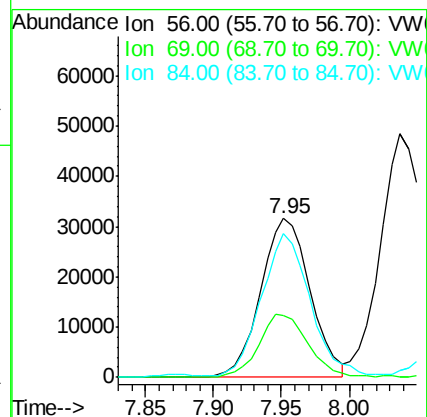
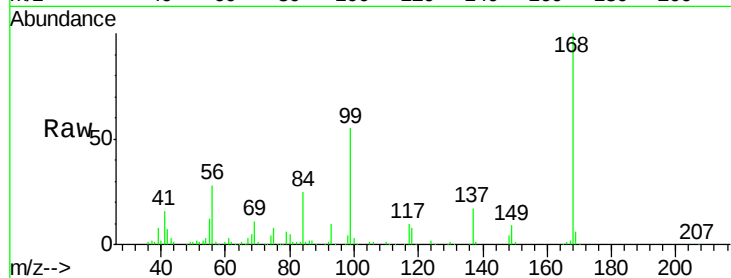
Tgt Ion: 56 Resp: 80214

Ion Ratio Lower Upper

56 100

69 39.1 27.0 40.4

84 89.4 65.4 98.0



#32

1,1,1-Trichloroethane

Concen: 19.753 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

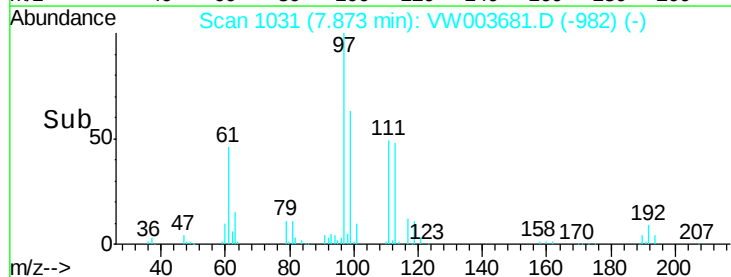
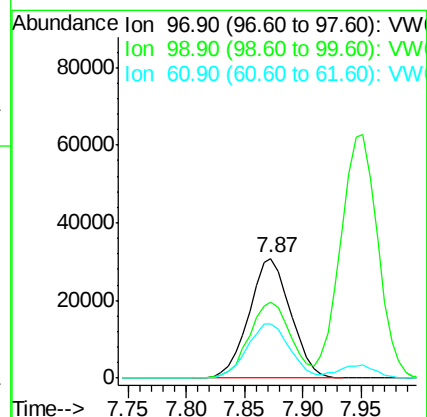
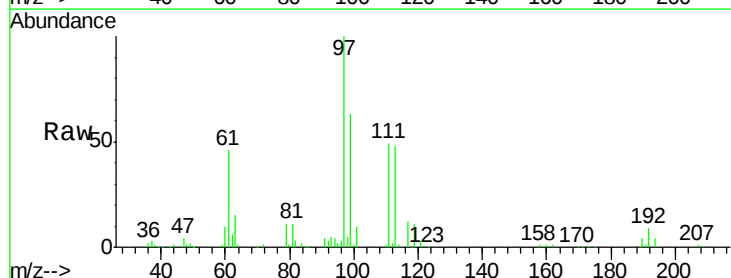
Tgt Ion: 97 Resp: 76584

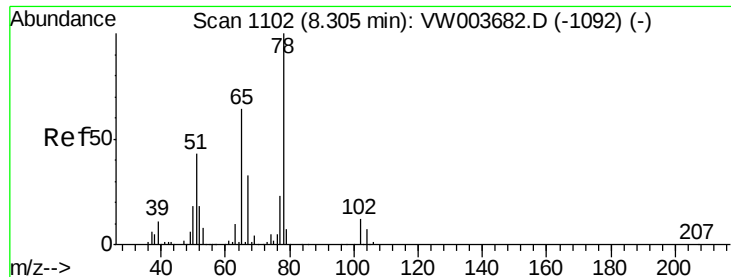
Ion Ratio Lower Upper

97 100

99 64.3 50.6 76.0

61 46.9 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 20.770 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

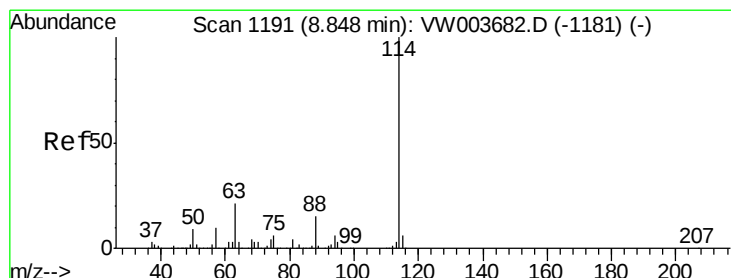
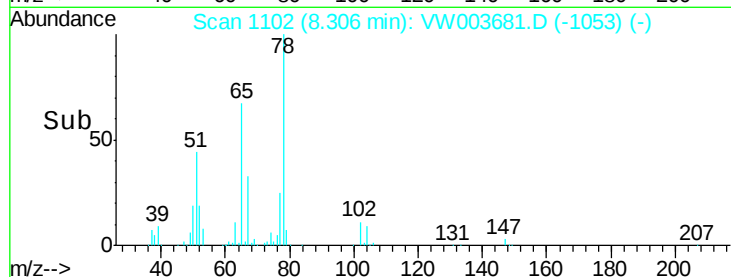
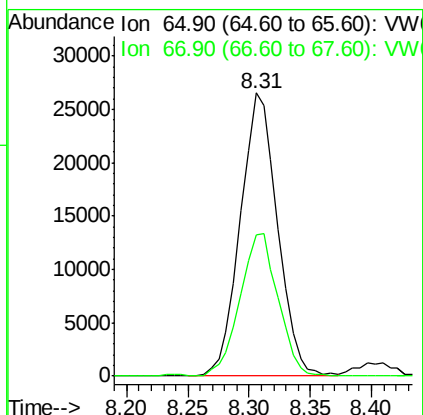
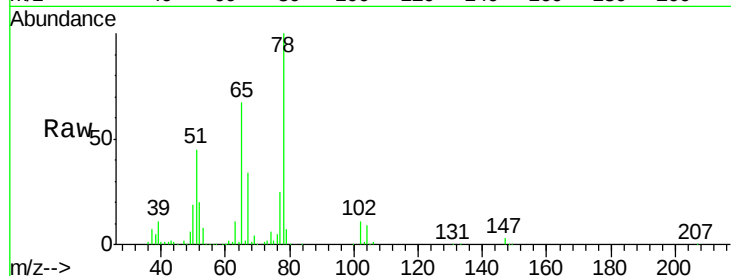
VSTDIC020

Tgt Ion: 65 Resp: 56145

Ion Ratio Lower Upper

65 100

67 51.5 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: VW003681.D

Acq: 02 Jul 2018 17:24

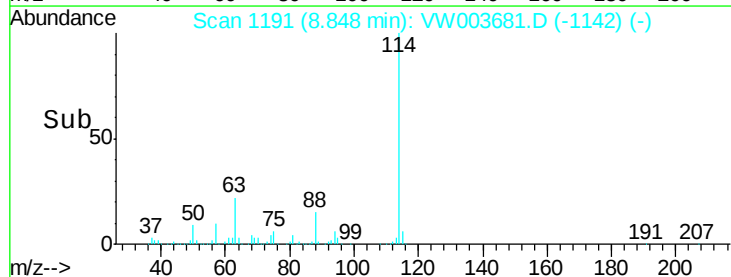
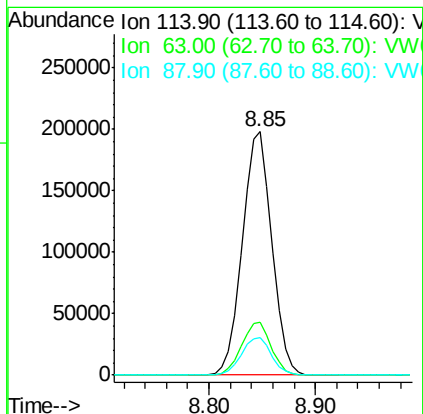
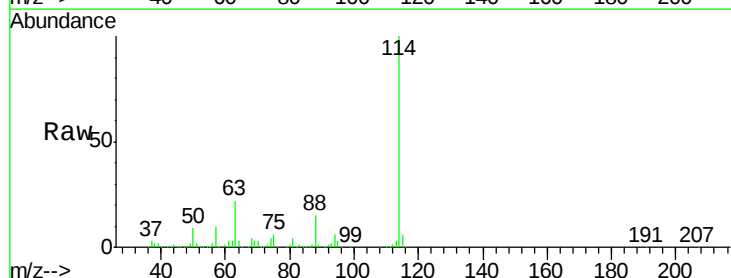
Tgt Ion: 114 Resp: 384747

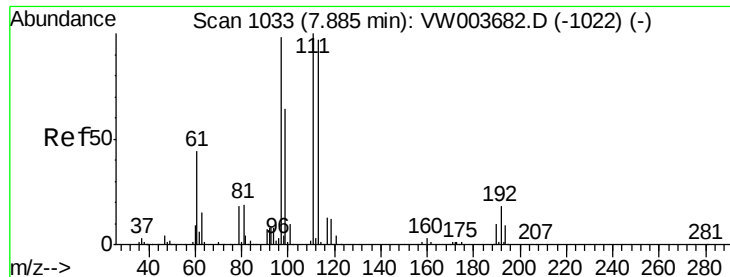
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.6

88 15.4 0.0 29.8

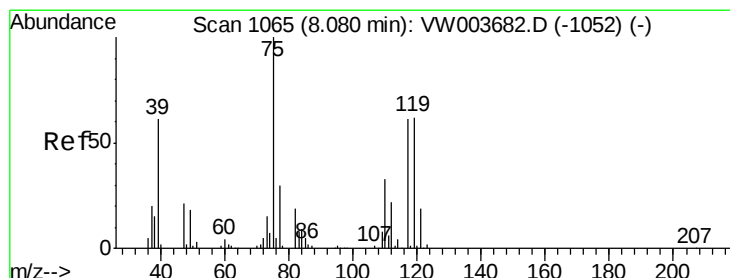
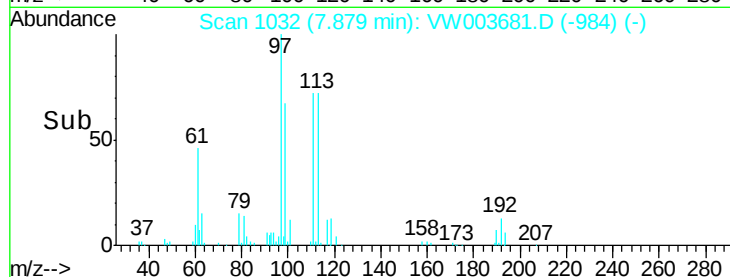
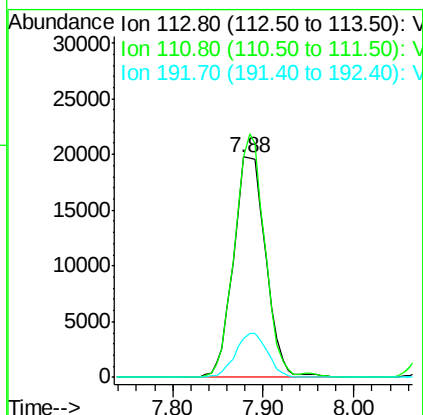
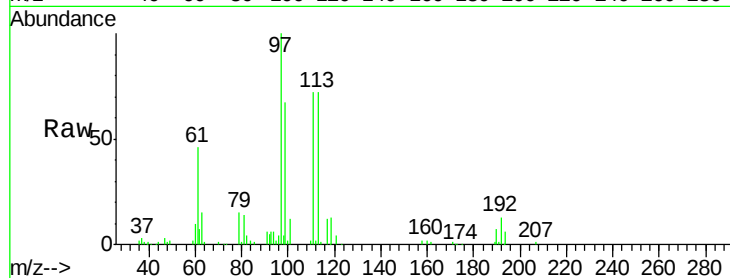




#35
 Dibromofluoromethane
 Concen: 20.203 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

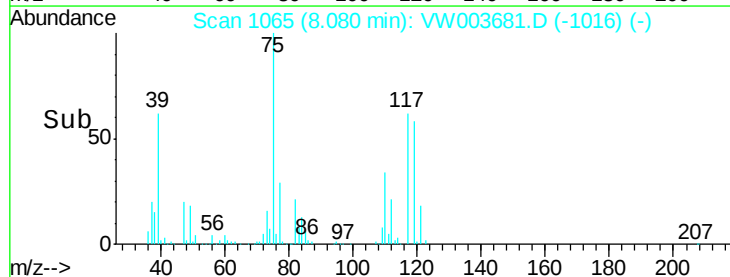
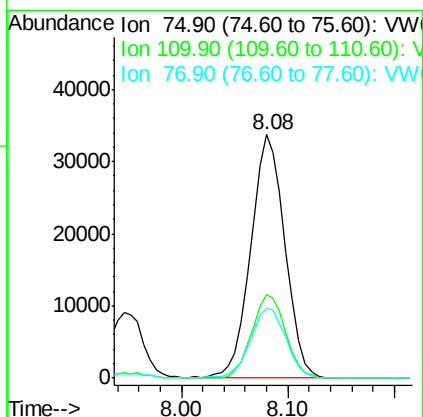
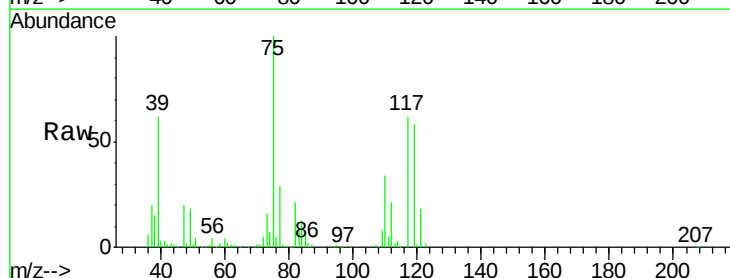
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

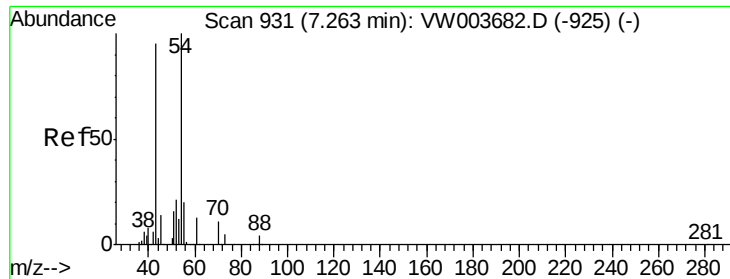
Tgt Ion: 113 Resp: 49078
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 19.9 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 19.964 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 75 Resp: 75560
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 30.4 24.9 37.3

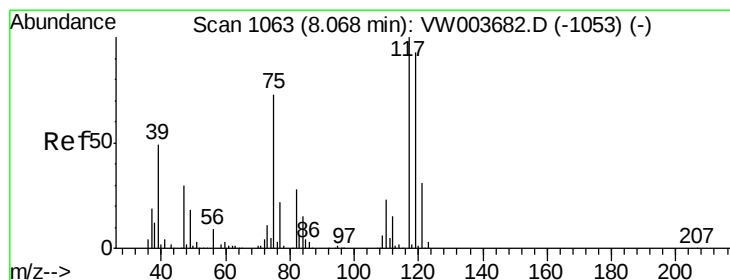
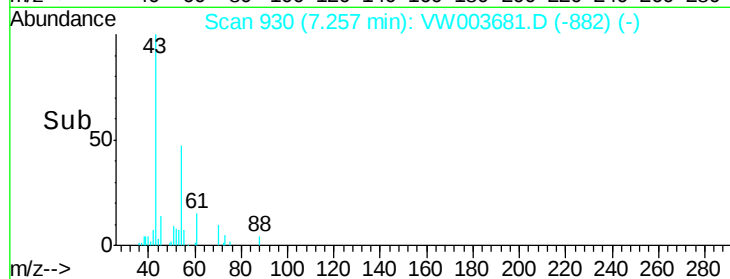
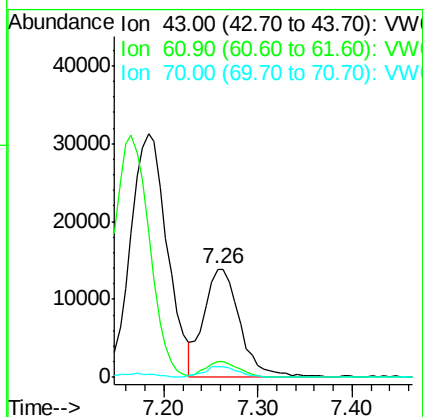
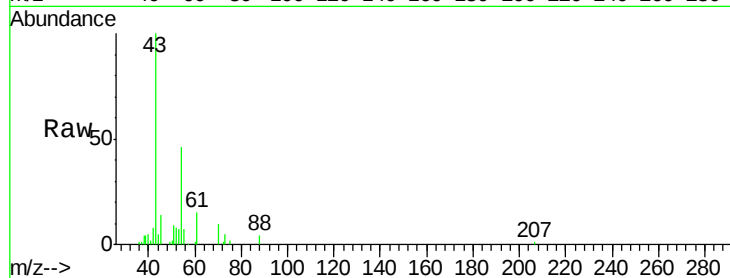




#37
 Ethyl Acetate
 Concen: 22.874 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

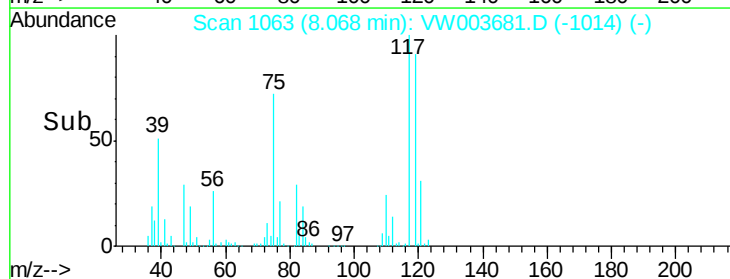
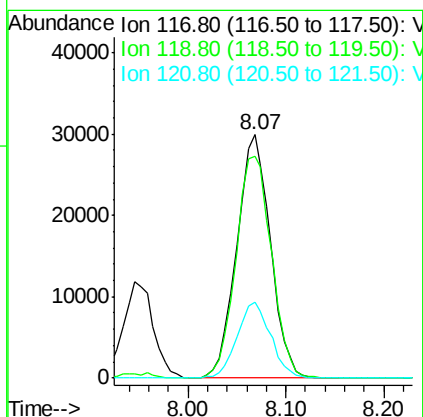
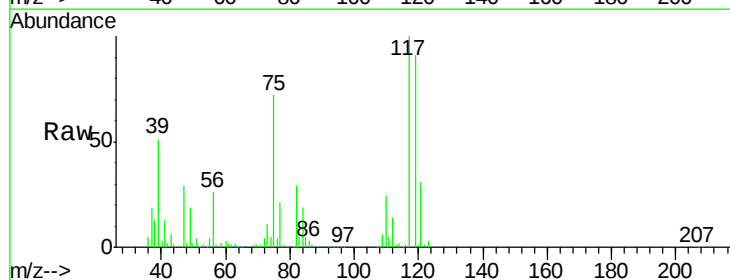
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

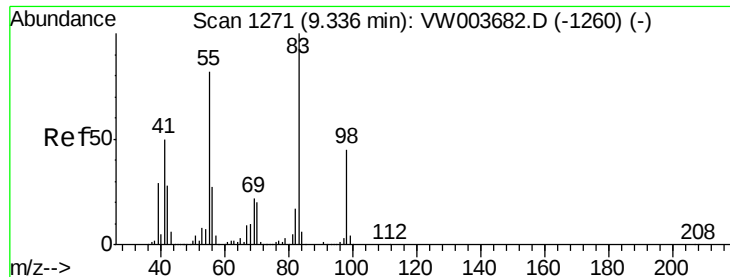
Tgt Ion: 43 Resp: 36703
 Ion Ratio Lower Upper
 43 100
 61 13.8 10.5 15.7
 70 9.6 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 19.379 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 117 Resp: 71341
 Ion Ratio Lower Upper
 117 100
 119 91.3 74.1 111.1
 121 31.4 25.0 37.4

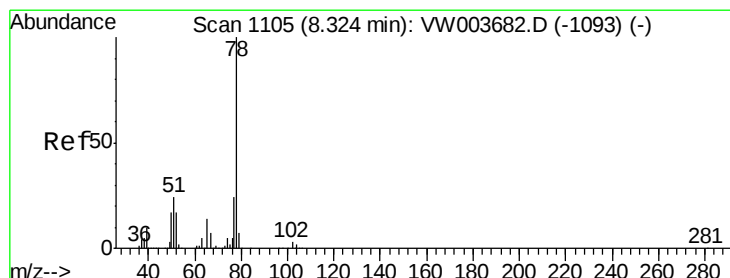
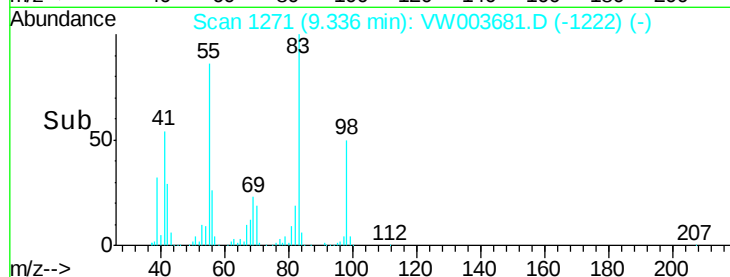
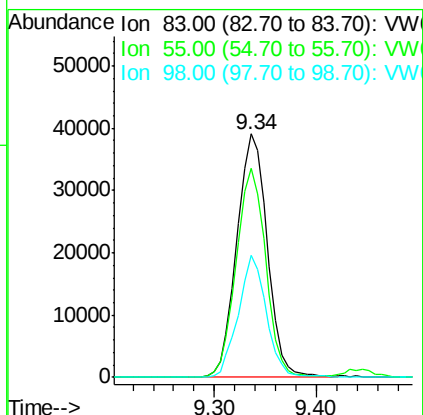
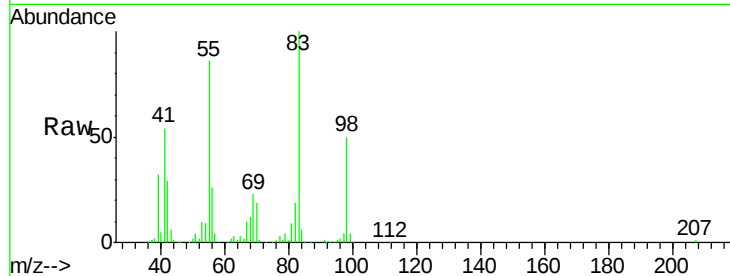




#39
Methylcyclohexane
Concen: 18.536 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

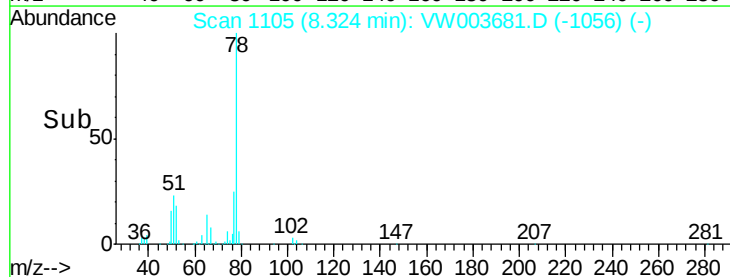
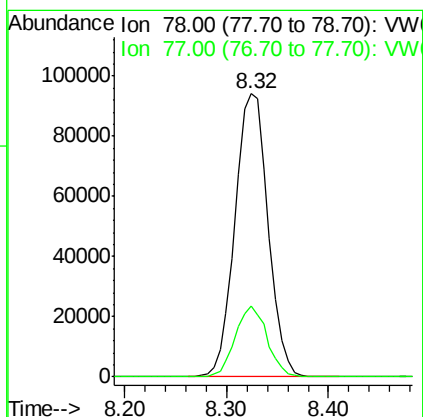
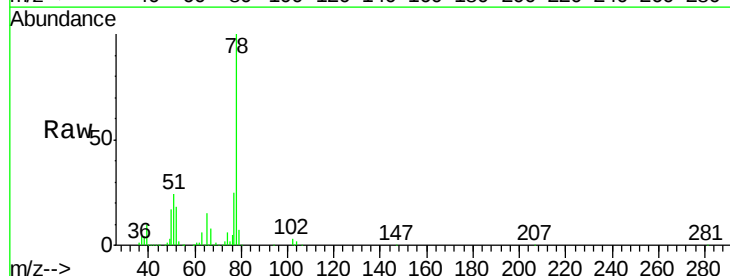
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

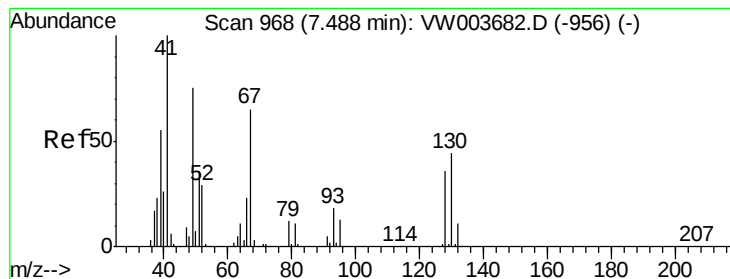
Tgt Ion: 83 Resp: 81415
Ion Ratio Lower Upper
83 100
55 85.7 65.3 97.9
98 49.9 36.3 54.5



#40
Benzene
Concen: 20.299 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 78 Resp: 211861
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0





#41

Methacrylonitrile

Concen: 22.130 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 21511

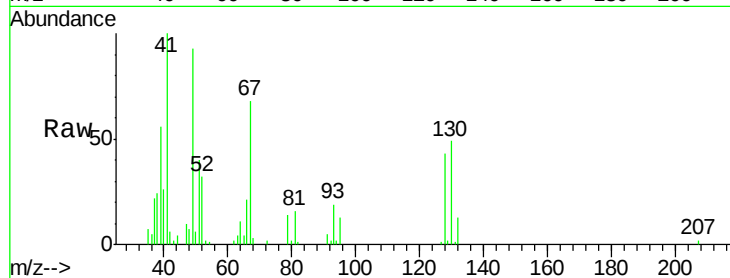
Ion Ratio Lower Upper

41 100

39 54.7 47.8 71.8

67 63.4 53.9 80.9

52 30.3 25.0 37.6

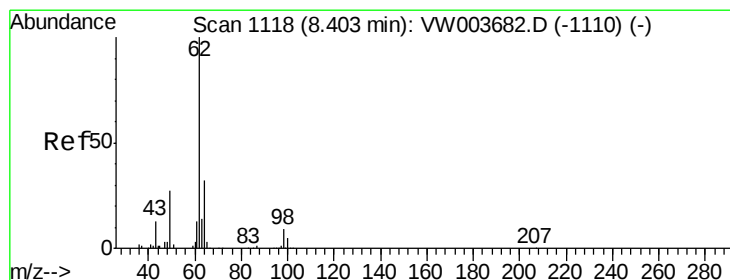
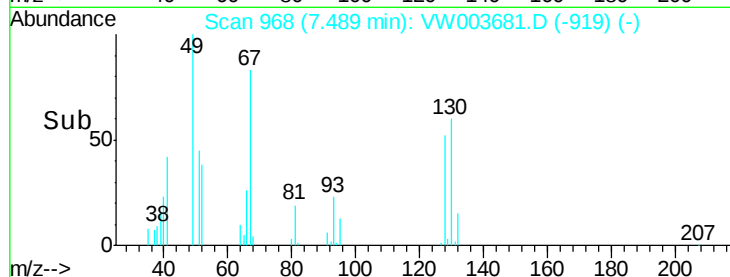
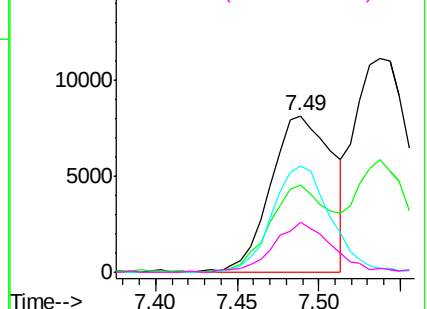


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.553 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003681.D

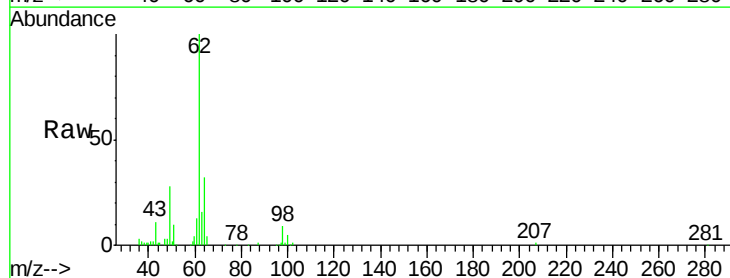
Acq: 02 Jul 2018 17:24

Tgt Ion: 62 Resp: 67129

Ion Ratio Lower Upper

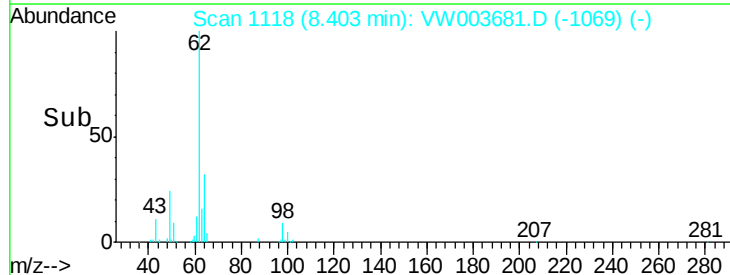
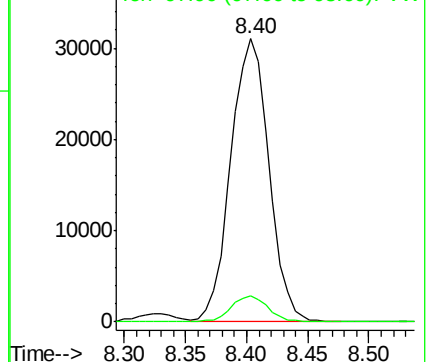
62 100

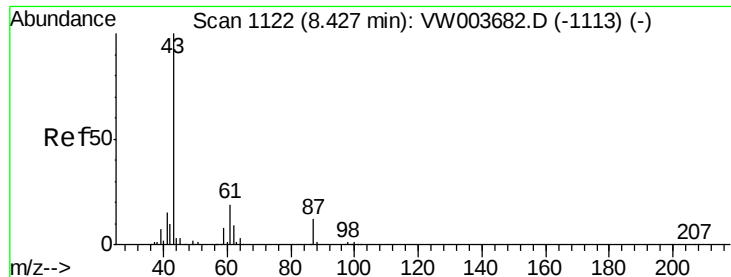
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.209 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

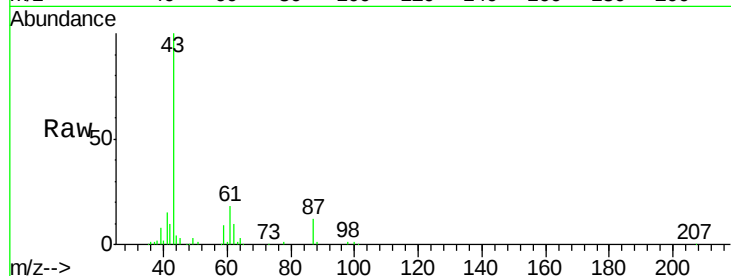
Tgt Ion: 43 Resp: 66823

Ion Ratio Lower Upper

43 100

61 28.7 23.0 34.6

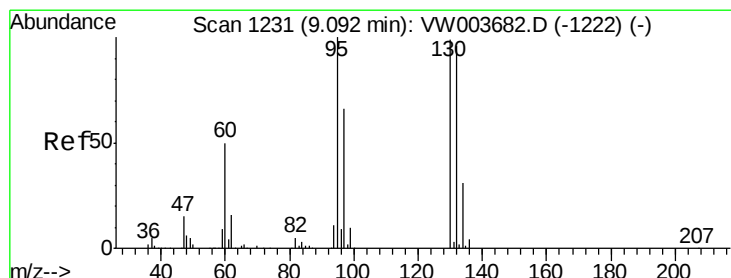
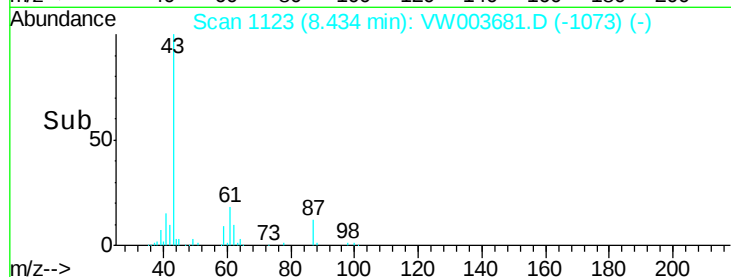
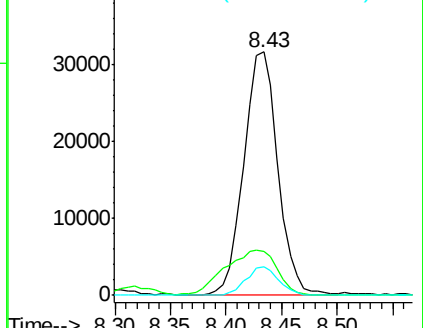
87 11.4 9.8 14.6



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: 19.652 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003681.D

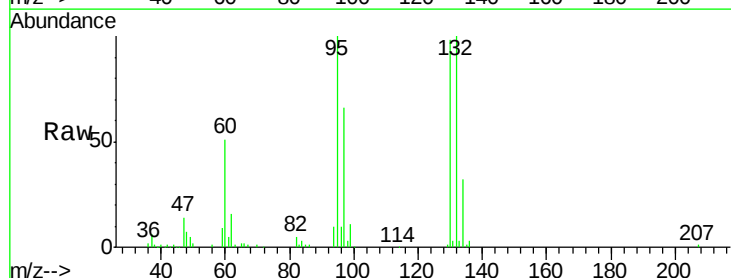
Acq: 02 Jul 2018 17:24

Tgt Ion: 130 Resp: 53877

Ion Ratio Lower Upper

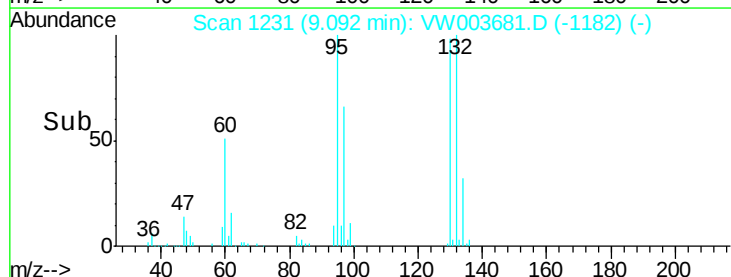
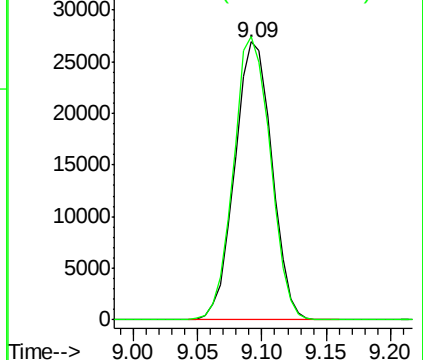
130 100

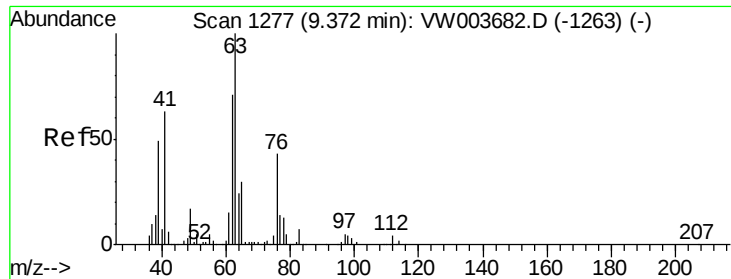
95 101.8 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

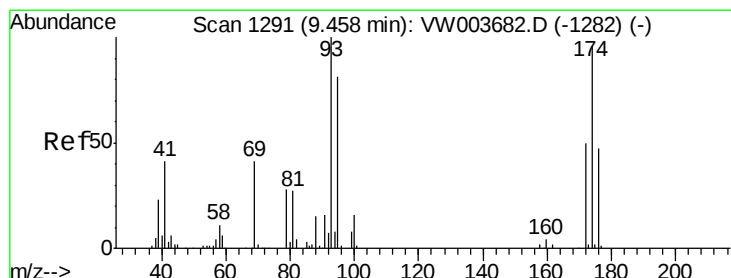
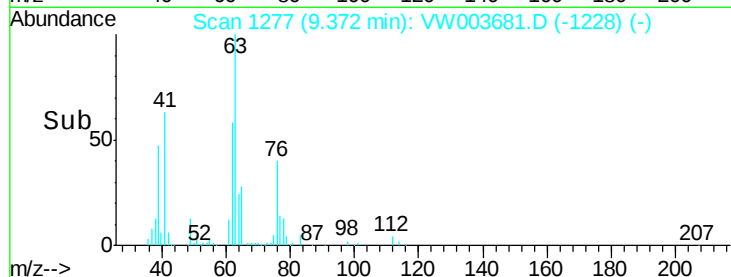
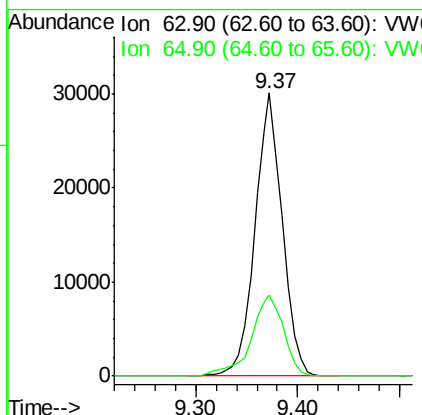
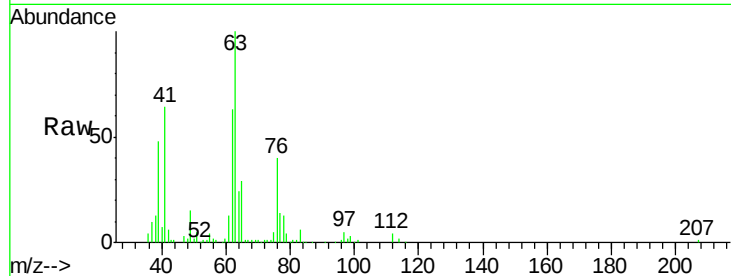




#45
 1,2-Dichloropropane
 Concen: 21.099 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

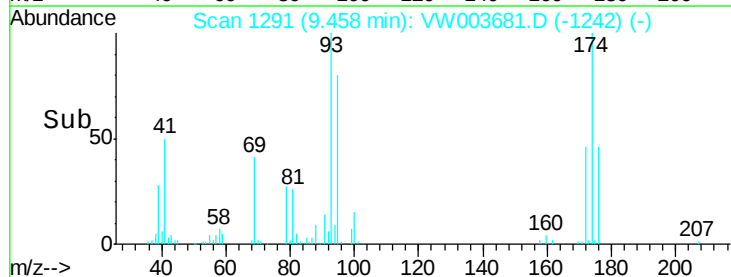
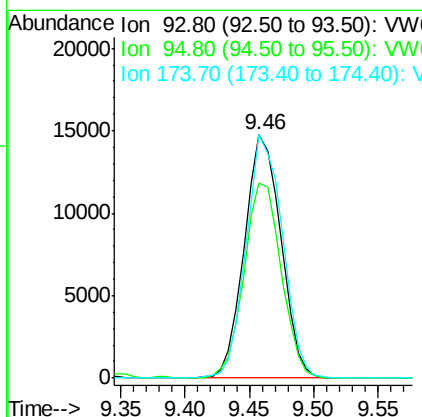
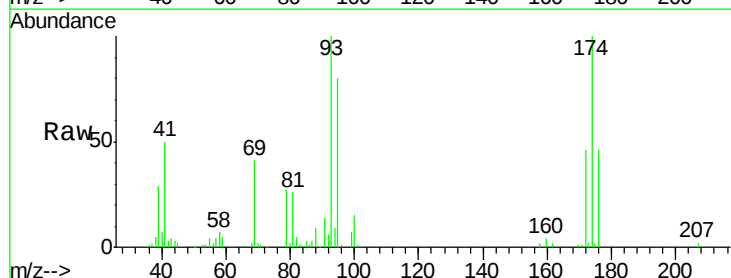
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

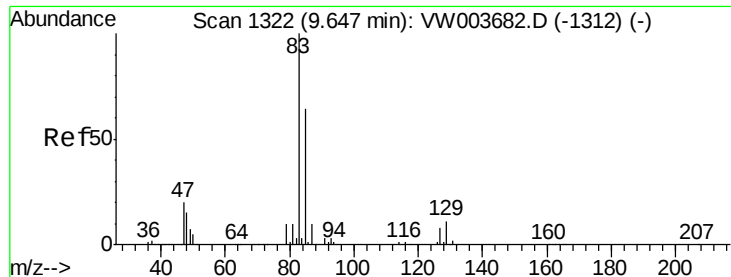
Tgt Ion: 63 Resp: 56054
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.3 36.5



#46
 Dibromomethane
 Concen: 21.188 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 93 Resp: 28938
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.2 99.4
 174 99.5 79.6 119.4

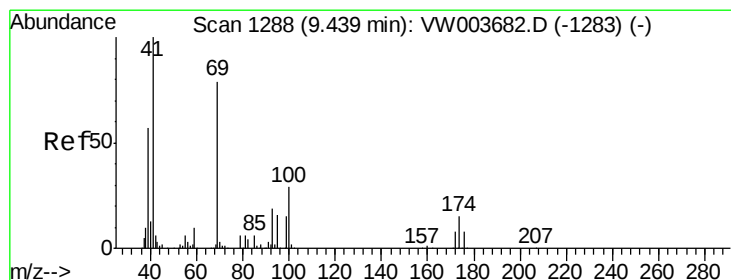
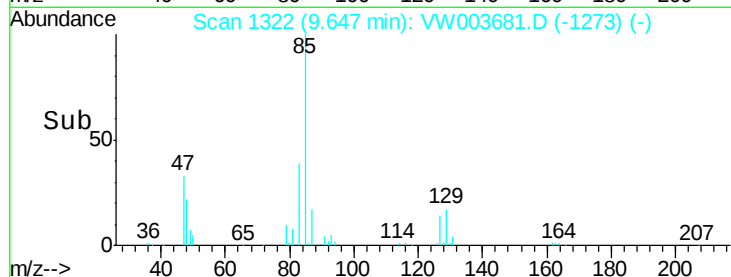
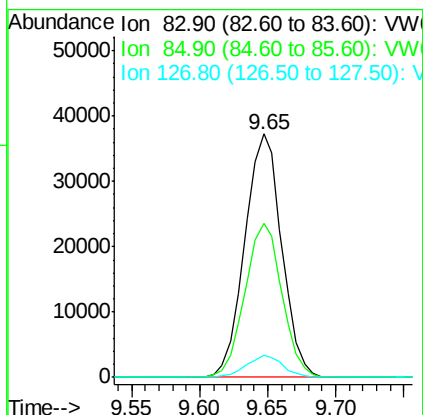
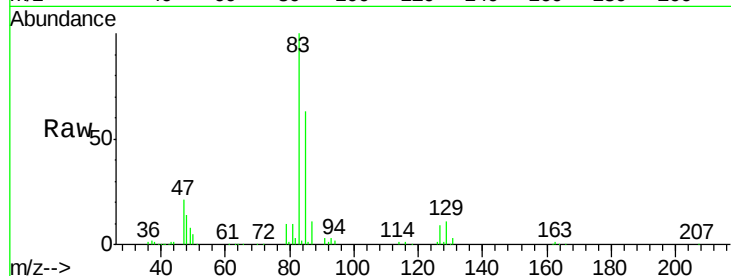




#47
Bromodichloromethane
Concen: 20.338 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

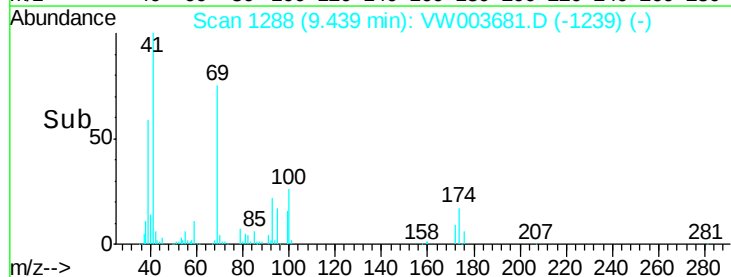
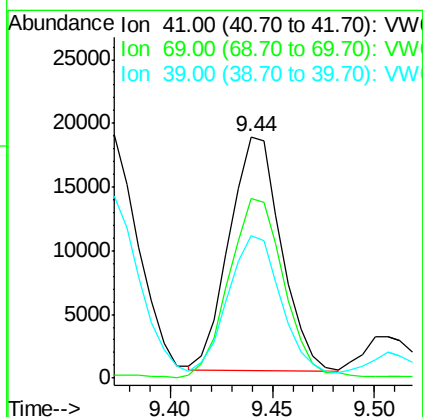
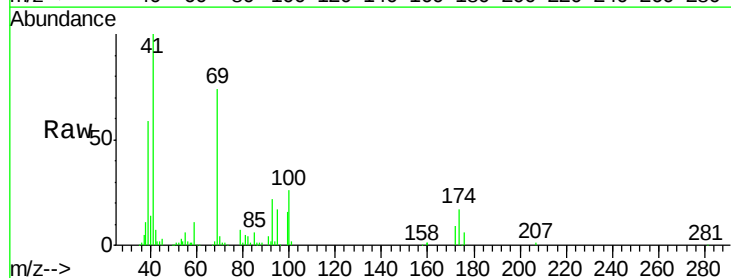
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

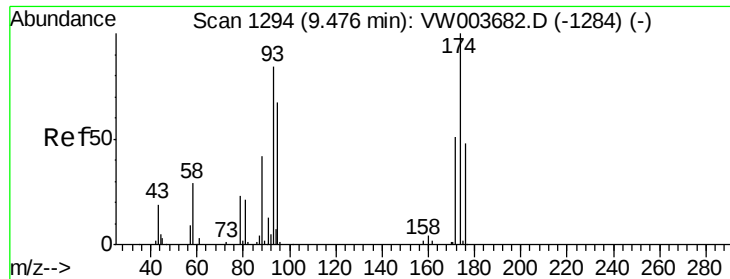
Tgt Ion: 83 Resp: 70805
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 9.1 6.5 9.7



#48
Methyl methacrylate
Concen: 21.863 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 41 Resp: 32476
Ion Ratio Lower Upper
41 100
69 81.8 65.4 98.2
39 63.5 50.0 75.0

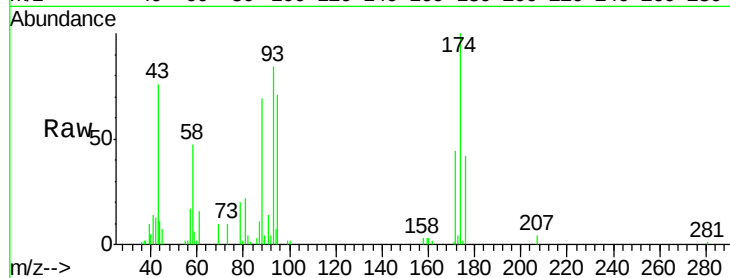




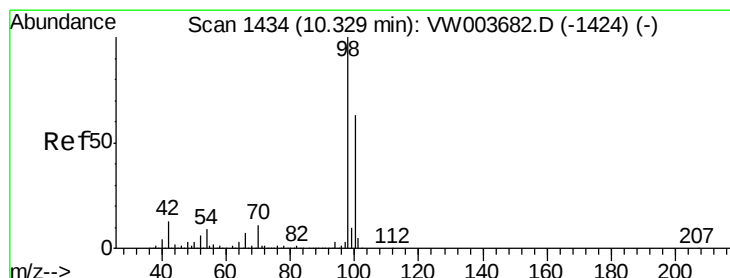
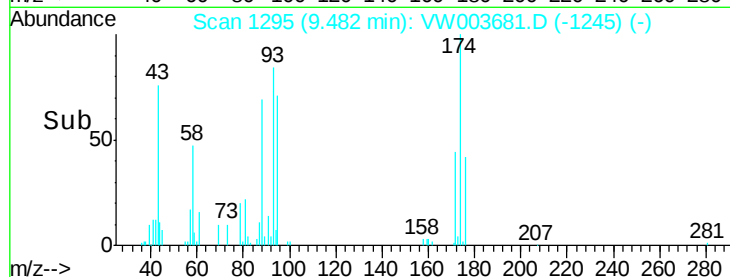
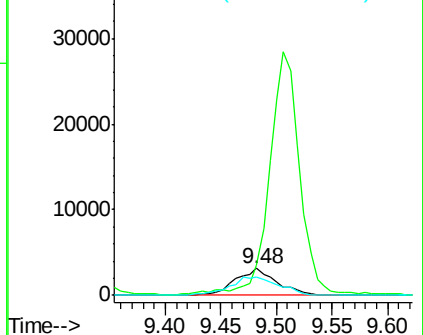
#49
1,4-Dioxane
Concen: 389.462 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 8048
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 81.1 61.8 92.6

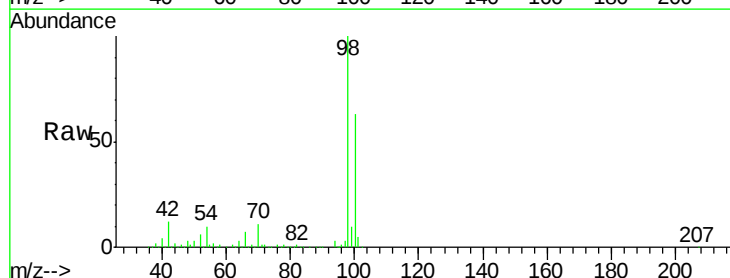


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

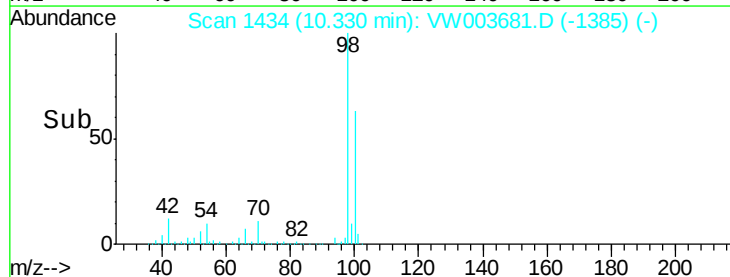
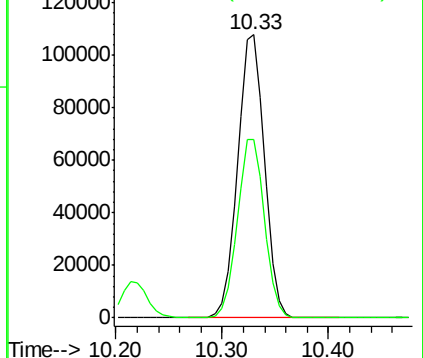


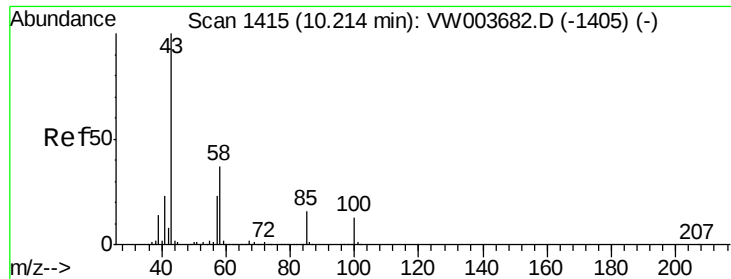
#50
Toluene-d8
Concen: 19.898 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 98 Resp: 191271
Ion Ratio Lower Upper
98 100
100 63.6 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: 110.505 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

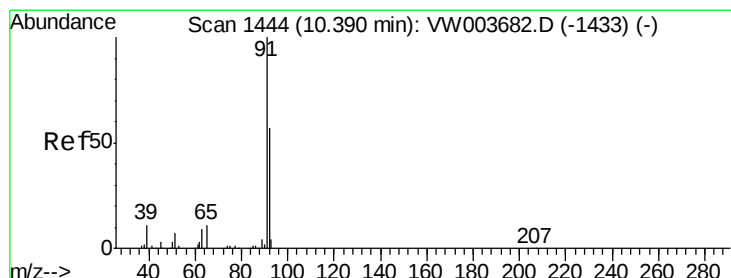
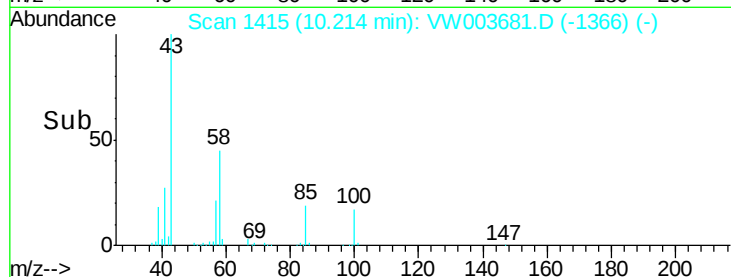
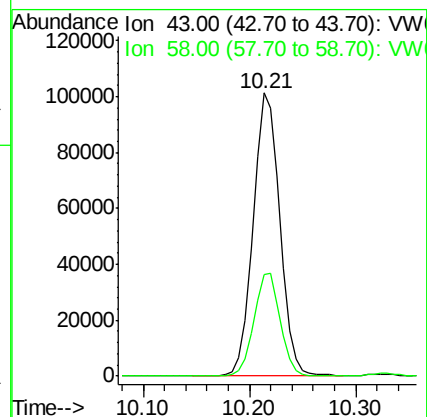
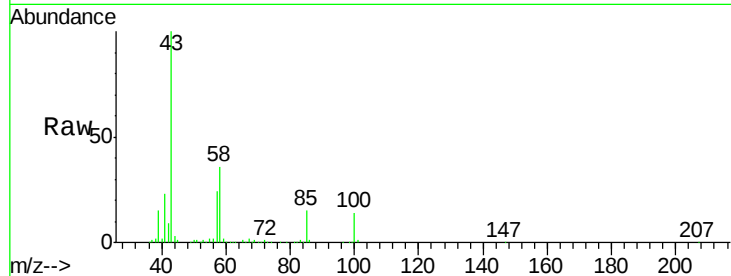
VSTDIC020

Tgt Ion: 43 Resp: 178577

Ion Ratio Lower Upper

43 100

58 35.8 29.6 44.4



#52

Toluene

Concen: 19.787 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003681.D

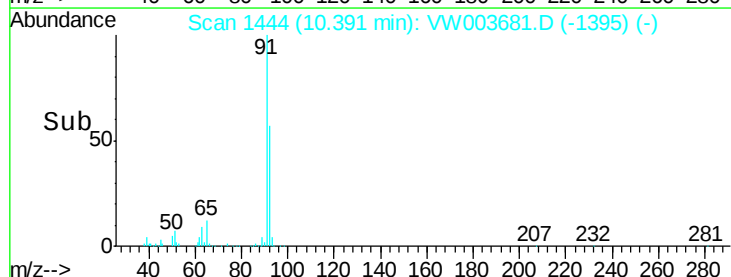
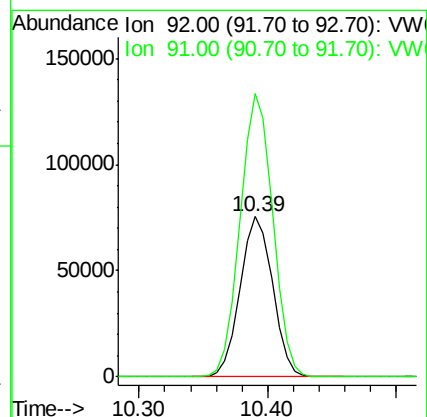
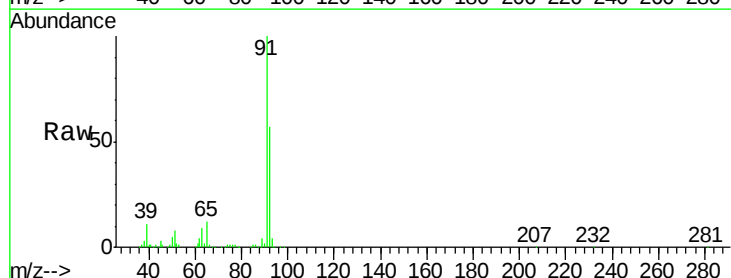
Acq: 02 Jul 2018 17:24

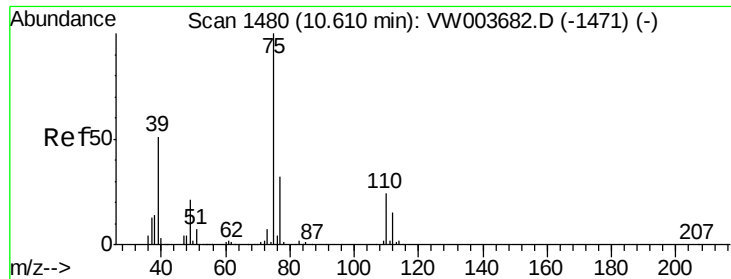
Tgt Ion: 92 Resp: 132176

Ion Ratio Lower Upper

92 100

91 176.9 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.268 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

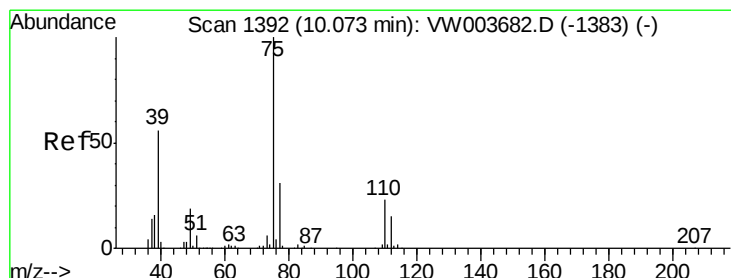
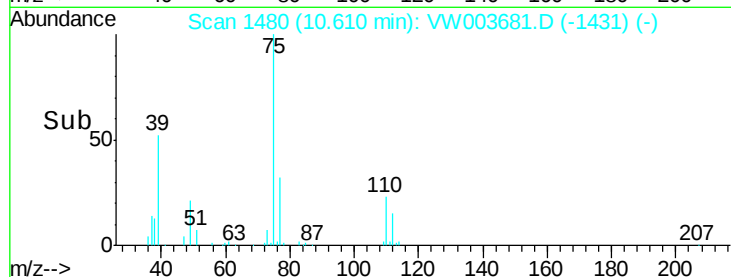
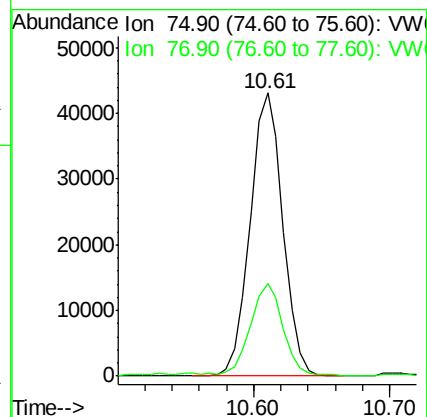
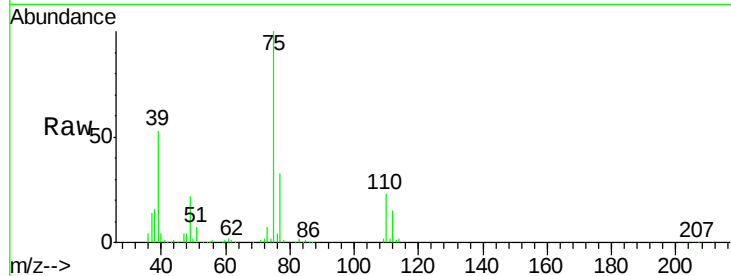
VSTDIC020

Tgt Ion: 75 Resp: 72267

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.183 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

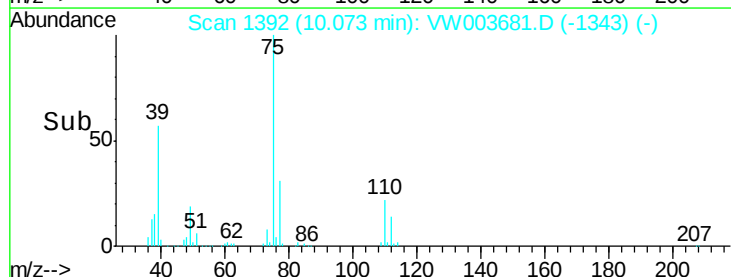
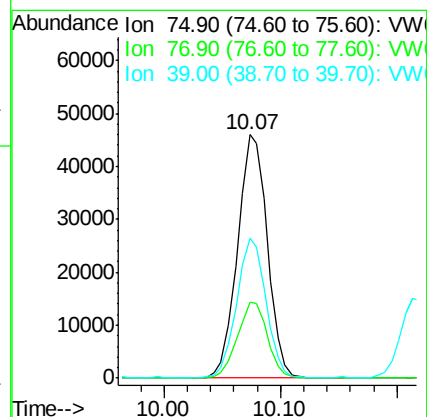
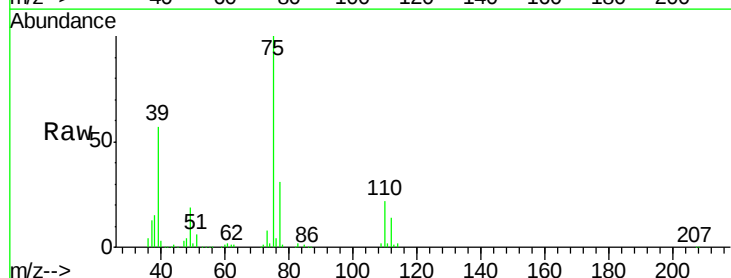
Tgt Ion: 75 Resp: 82024

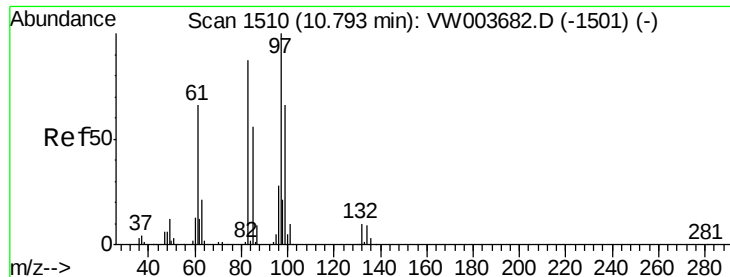
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 57.1 44.6 67.0





#55

1,1,2-Trichloroethane

Concen: 21.033 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

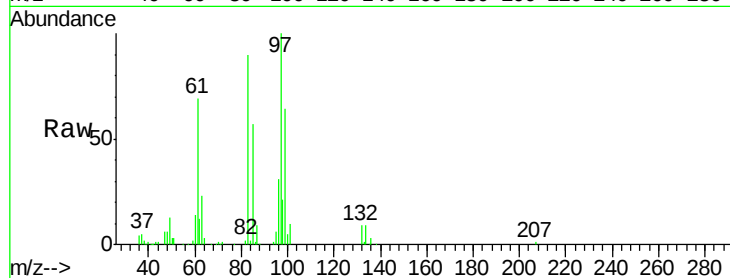
MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 97 Resp: 40460

Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.5	104.3
85	57.5	44.7	67.1
99	64.1	52.6	78.8

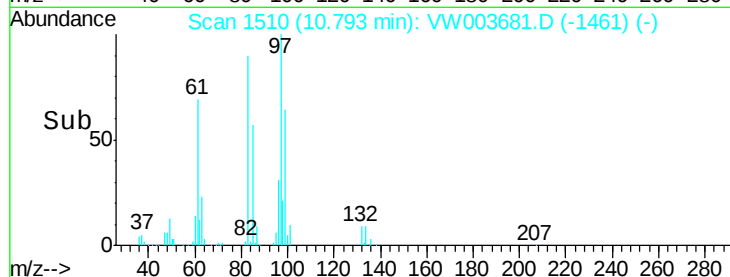


Abundance Ion 96.90 (96.60 to 97.60): VW

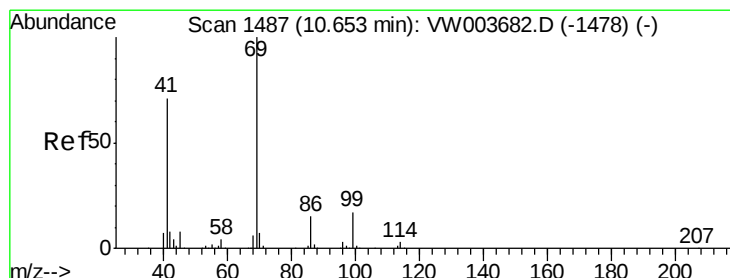
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time--> 10.70 10.75 10.80 10.85



#56

Ethyl methacrylate

Concen: 20.551 ug/l

RT: 10.65 min Scan# 1487

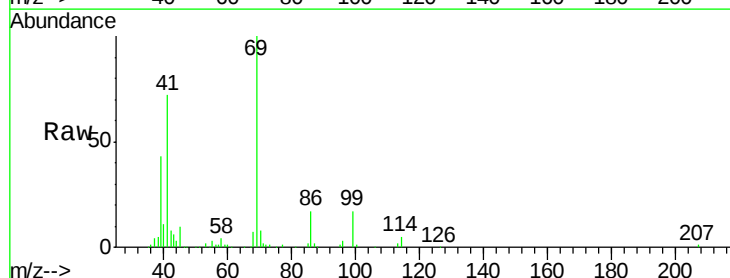
Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Tgt Ion: 69 Resp: 48328

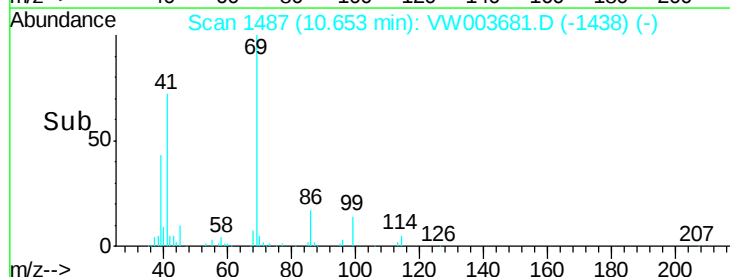
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.5	86.3
39	37.5	29.4	44.0



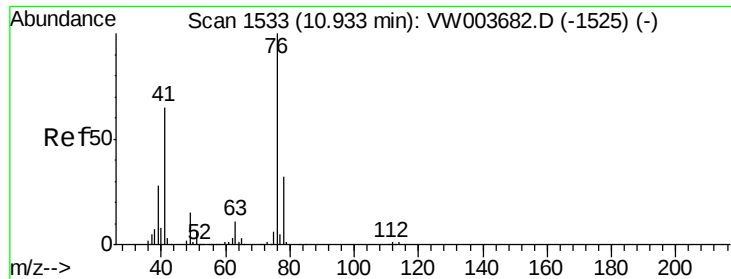
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



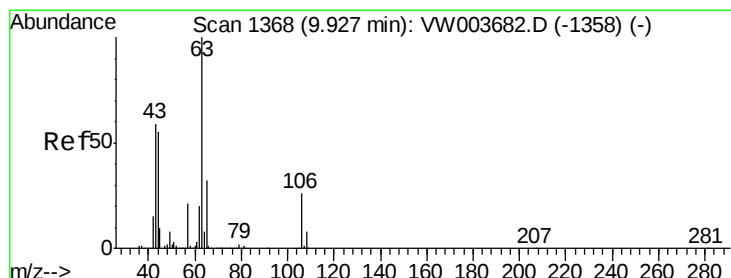
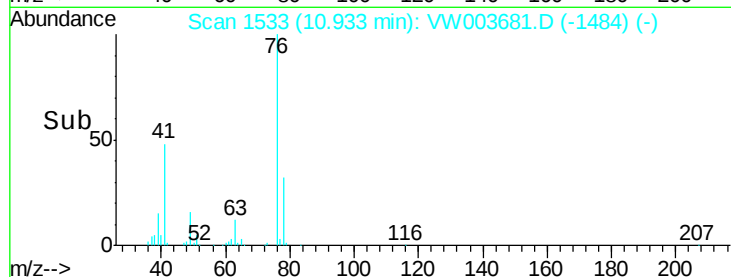
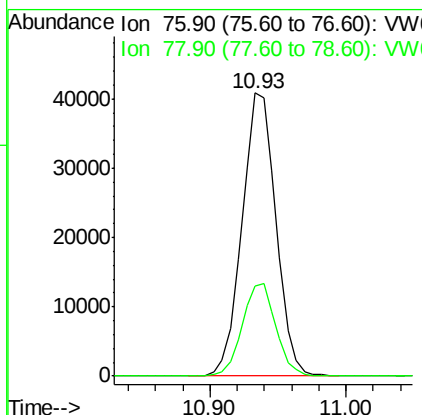
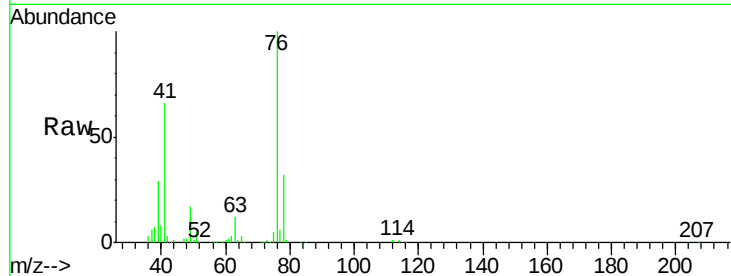
Time--> 10.60 10.65 10.70



#57
 1,3-Dichloropropane
 Concen: 21.427 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

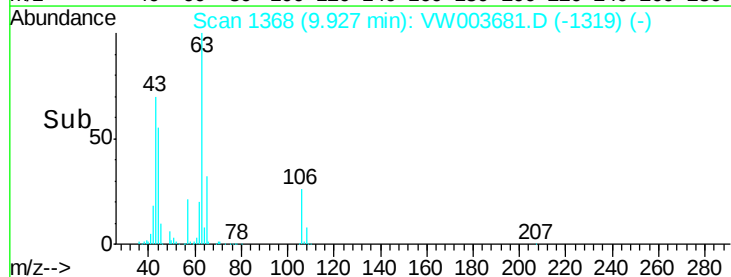
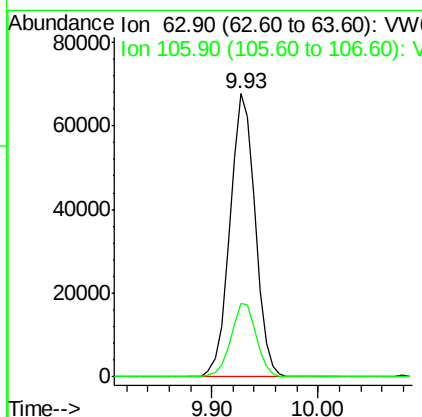
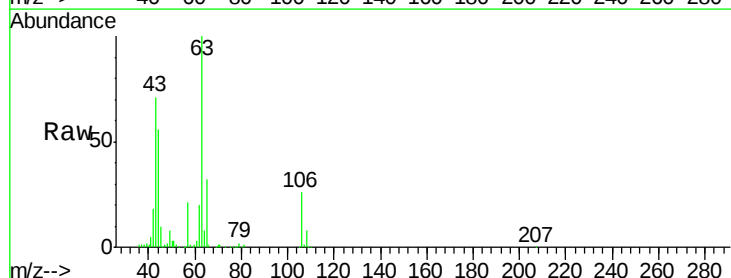
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

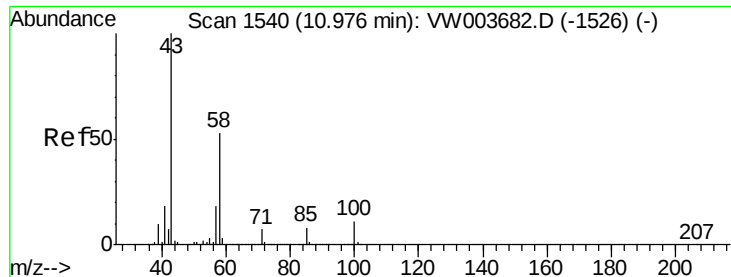
Tgt Ion: 76 Resp: 71245
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.426 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 63 Resp: 112413
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.7 31.1

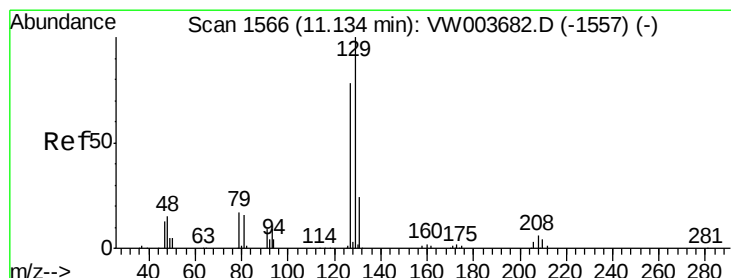
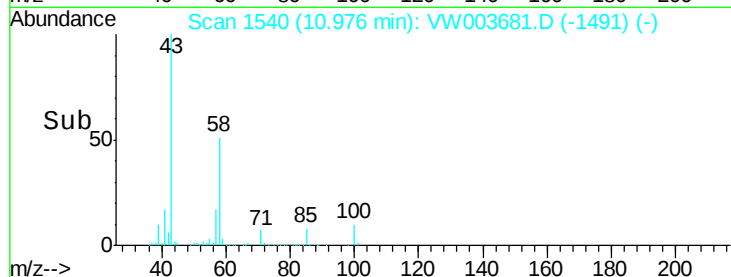
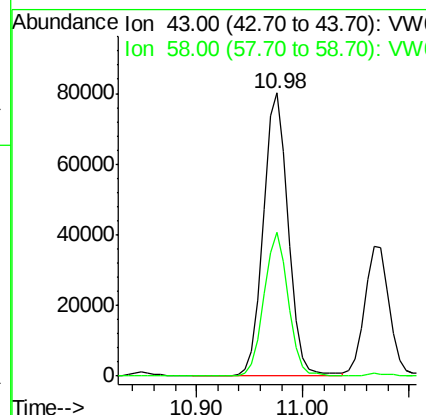
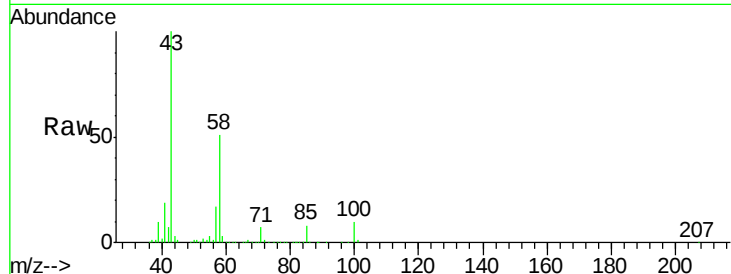




#59
2-Hexanone
Concen: 116.618 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

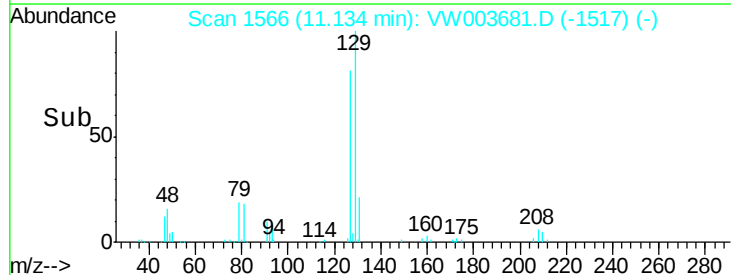
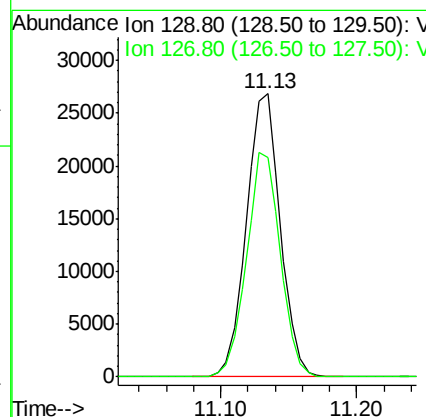
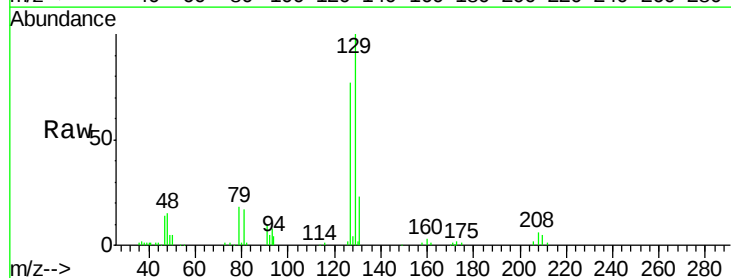
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

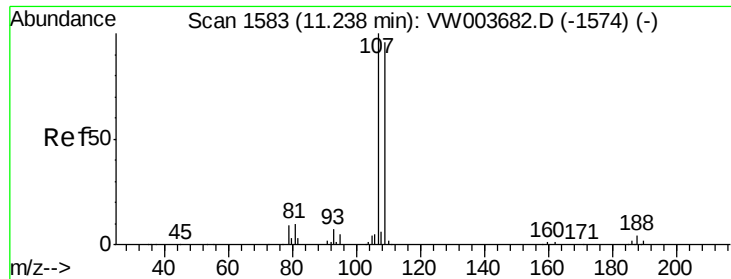
Tgt Ion: 43 Resp: 131926
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.6



#60
Dibromochloromethane
Concen: 20.557 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 129 Resp: 46748
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2

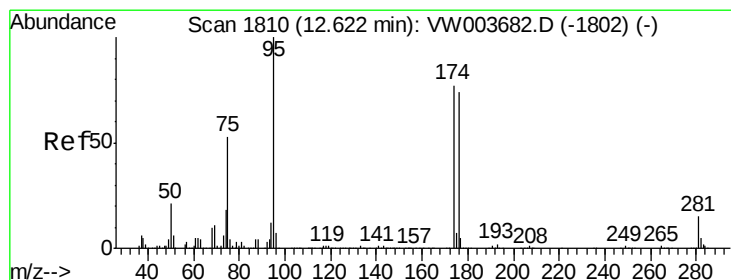
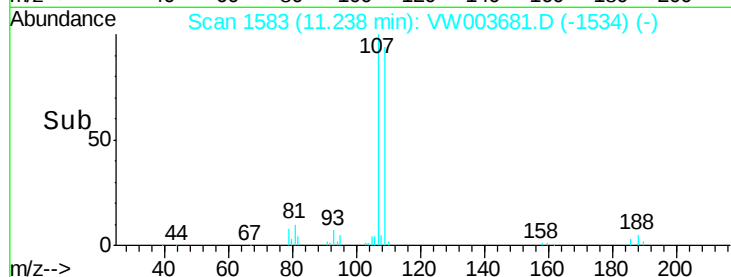
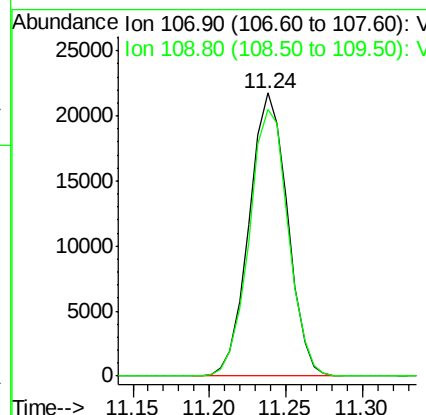
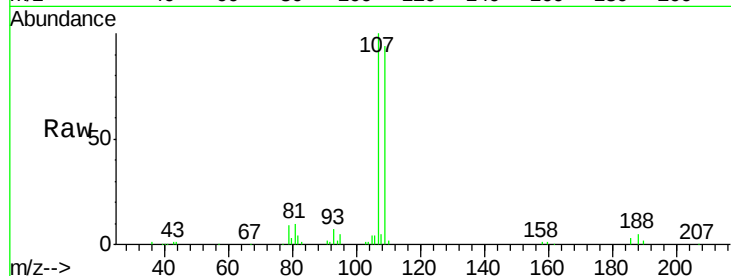




#61
 1,2-Dibromoethane
 Concen: 20.908 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

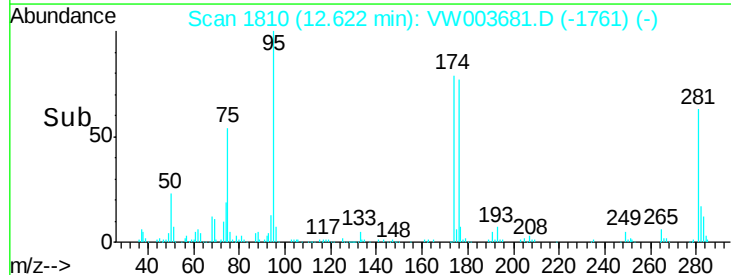
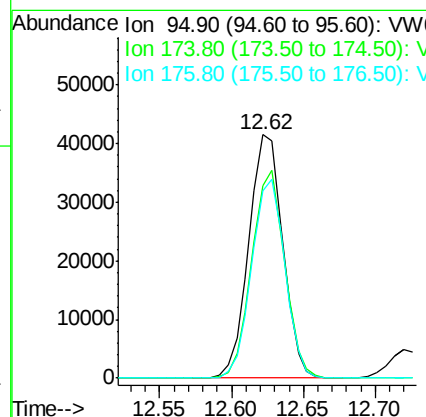
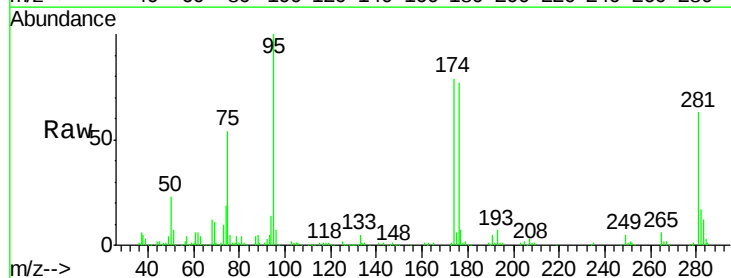
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

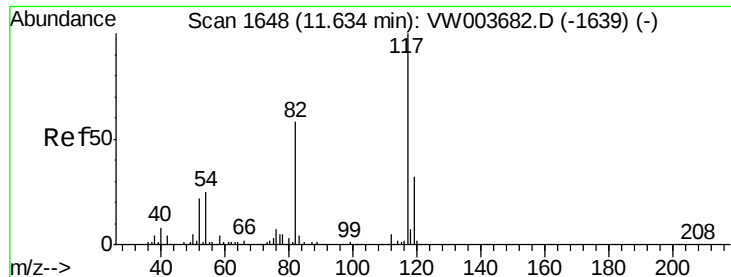
Tgt Ion: 107 Resp: 38055
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 19.816 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 95 Resp: 67711
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 161.2
 176 79.7 0.0 155.0

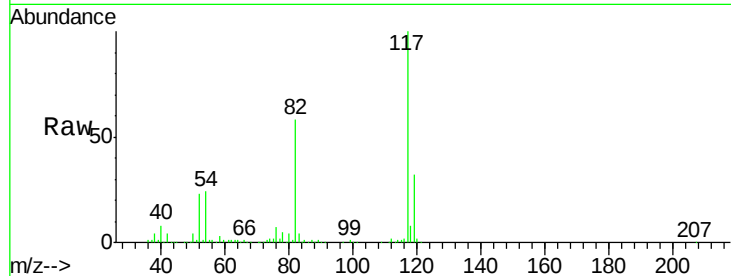




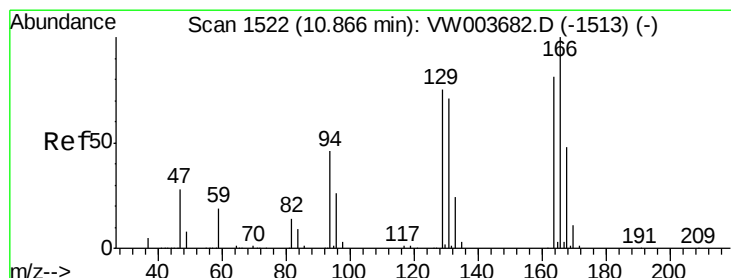
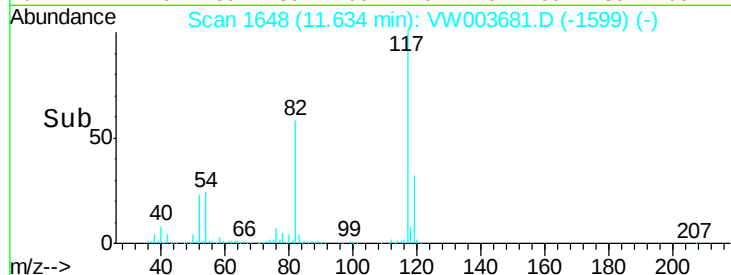
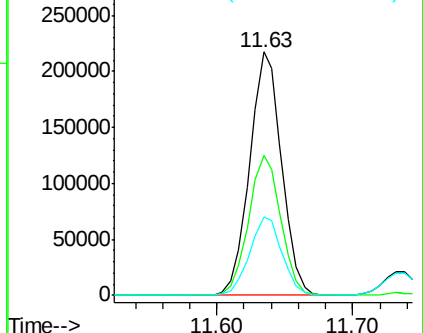
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 357833
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 32.4 25.4 38.0

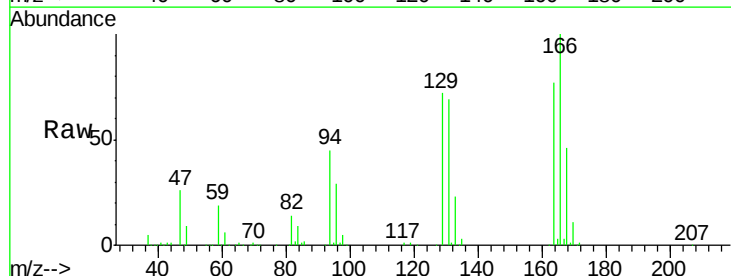


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

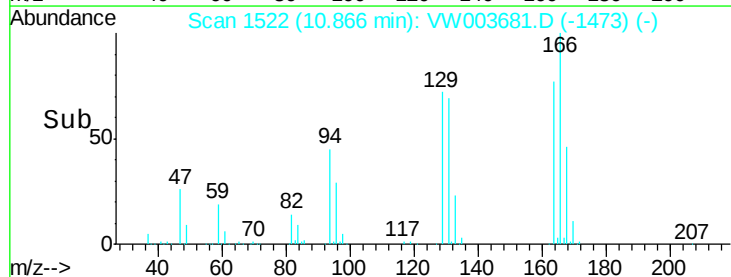
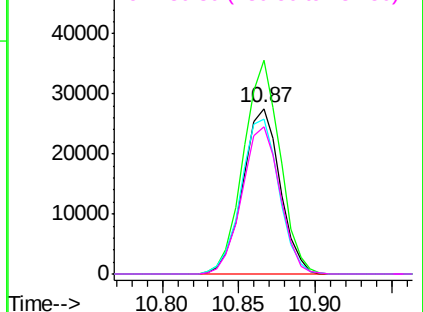


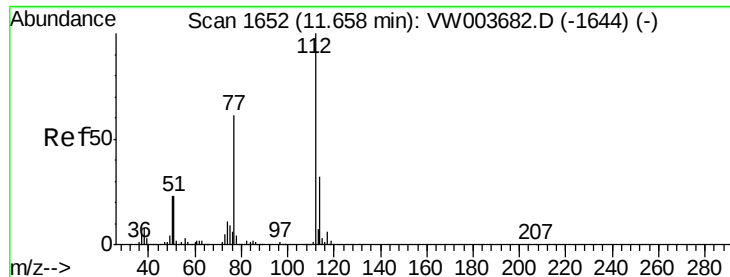
#64
Tetrachloroethene
Concen: 19.341 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion:164 Resp: 46674
Ion Ratio Lower Upper
164 100
166 129.0 99.0 148.4
129 93.4 73.8 110.6
131 89.3 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.811 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

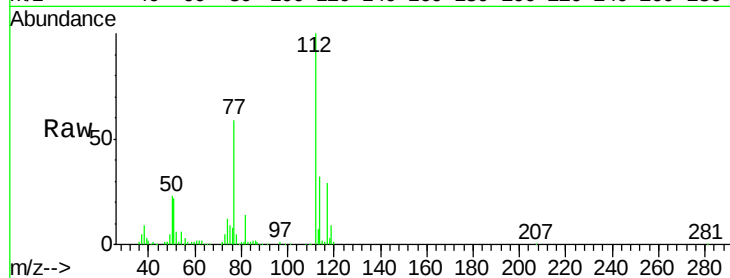
VSTDIC020

Tgt Ion:112 Resp: 148913

Ion Ratio Lower Upper

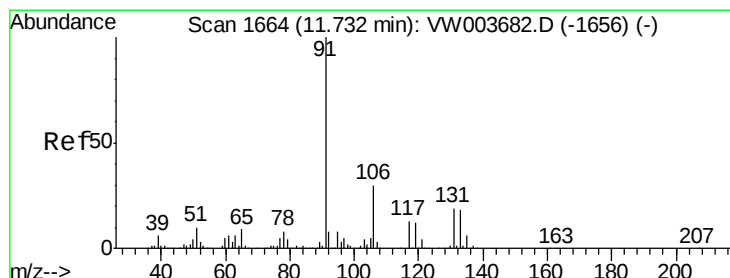
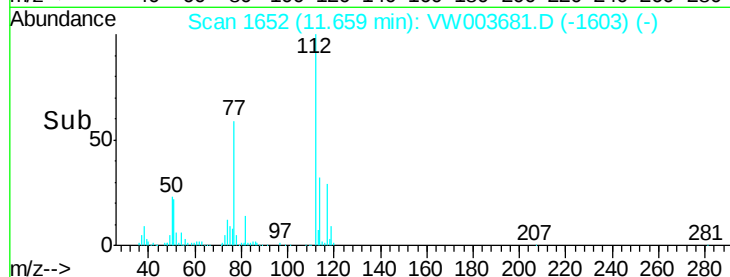
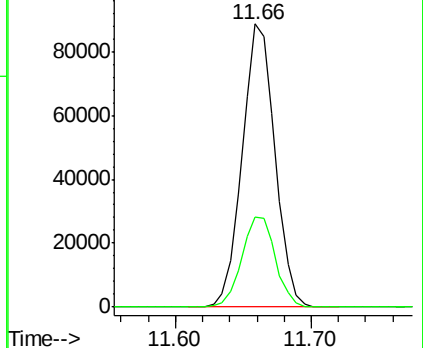
112 100

114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.052 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

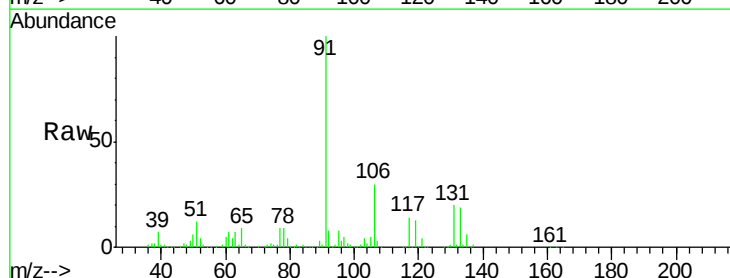
Tgt Ion:131 Resp: 52885

Ion Ratio Lower Upper

131 100

133 94.2 47.6 142.8

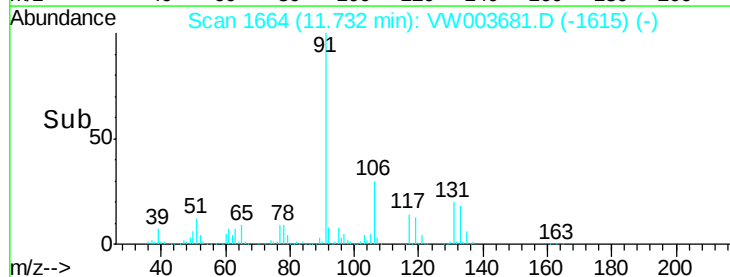
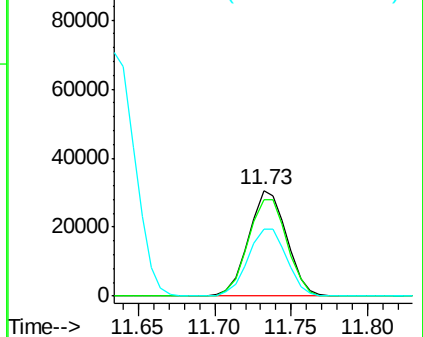
119 65.2 31.9 95.9

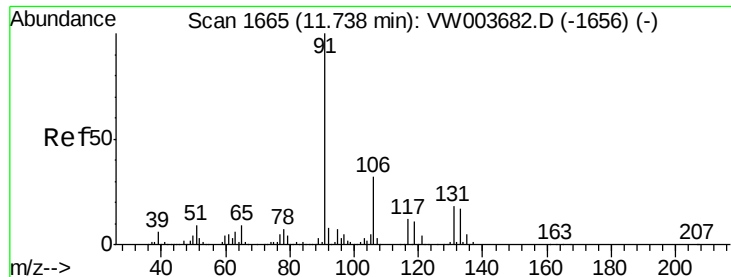


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

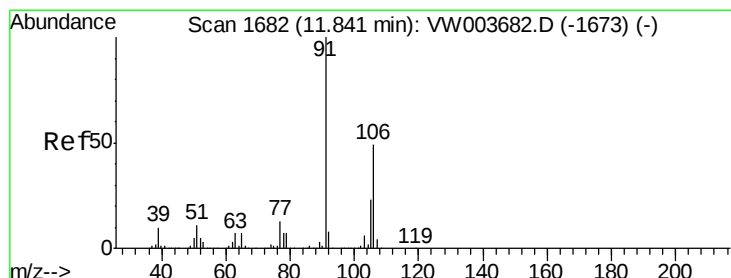
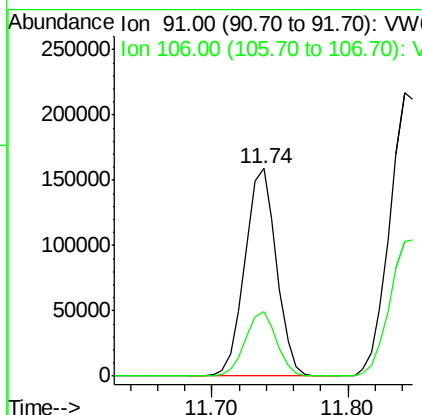
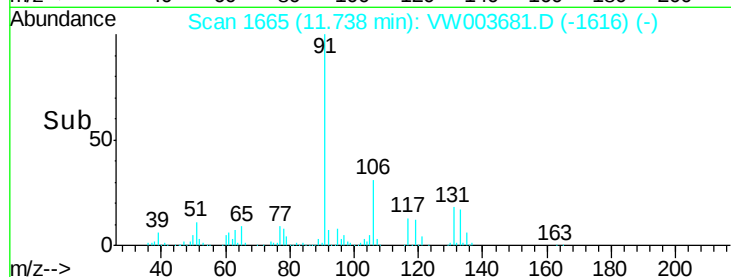
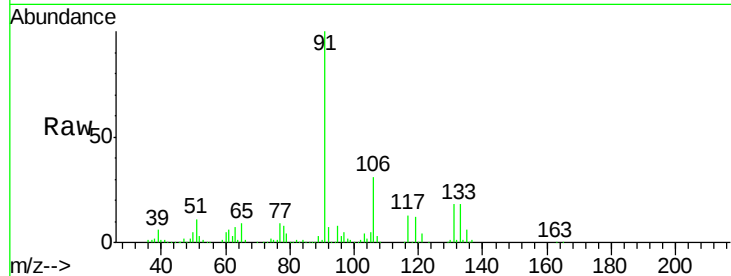




#67
Ethyl Benzene
Concen: 19.395 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

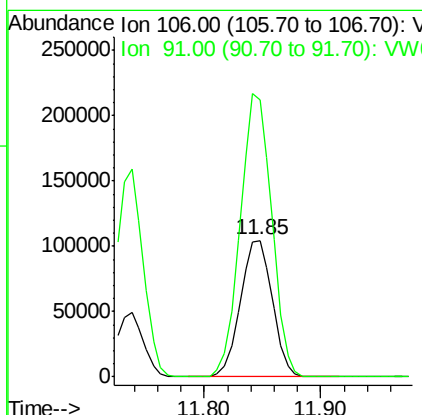
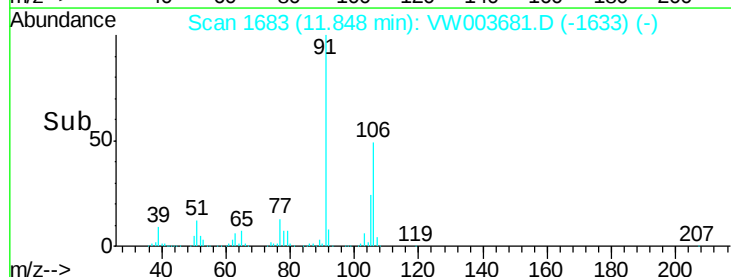
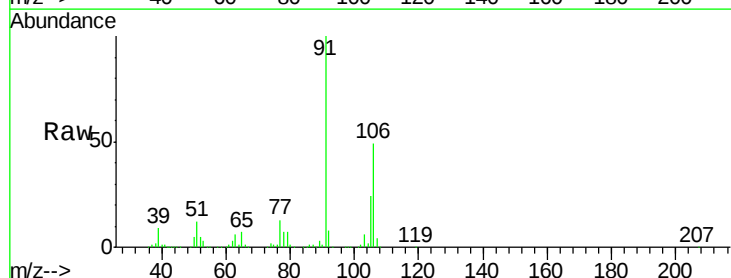
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

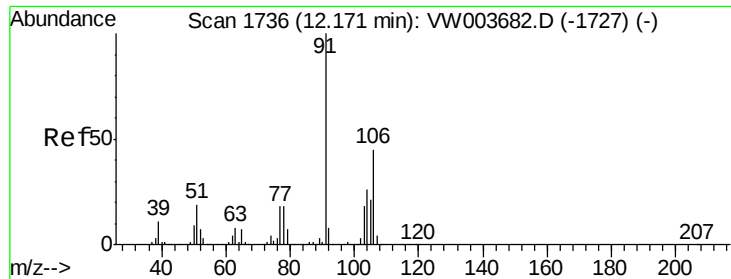
Tgt Ion: 91 Resp: 258655
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 39.346 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion: 106 Resp: 199491
Ion Ratio Lower Upper
106 100
91 205.3 163.7 245.5

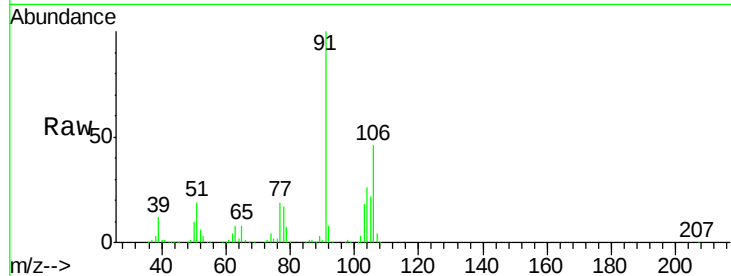




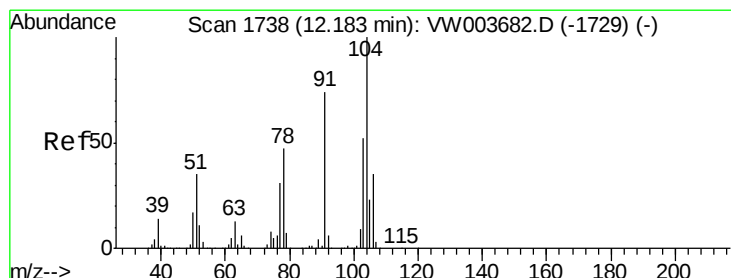
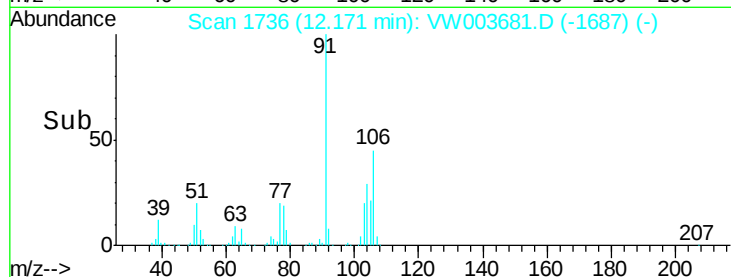
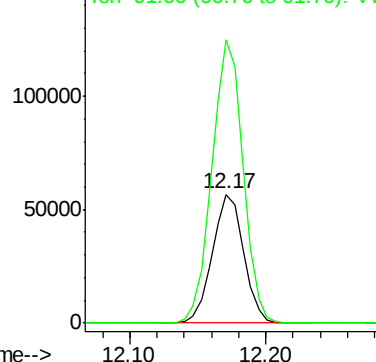
#69
o-Xylene
Concen: 19.471 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 91172
Ion Ratio Lower Upper
106 100
91 218.9 109.3 327.8

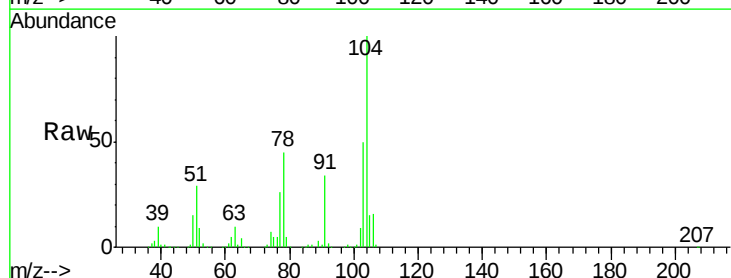


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

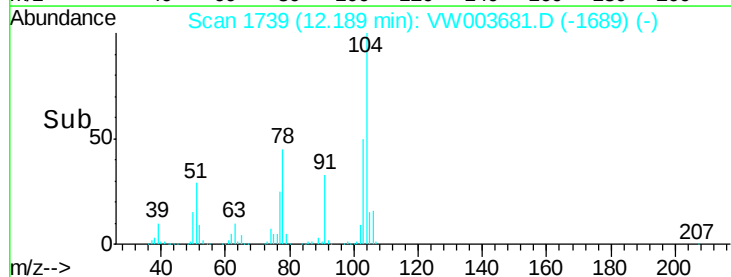
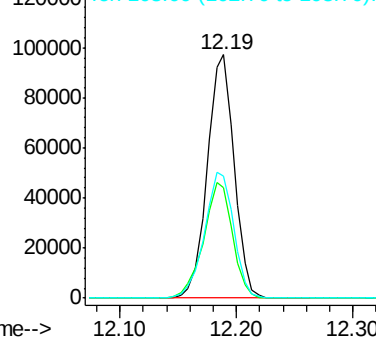


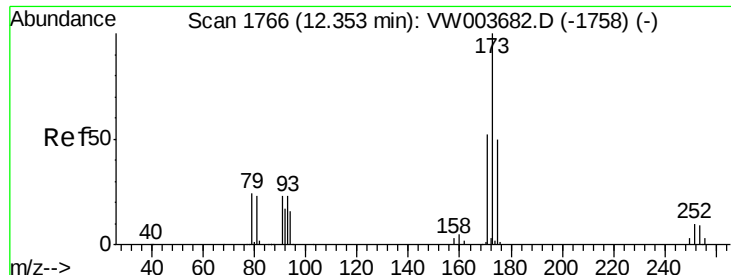
#70
Styrene
Concen: 20.005 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion:104 Resp: 156689
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.4
103 56.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.171 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

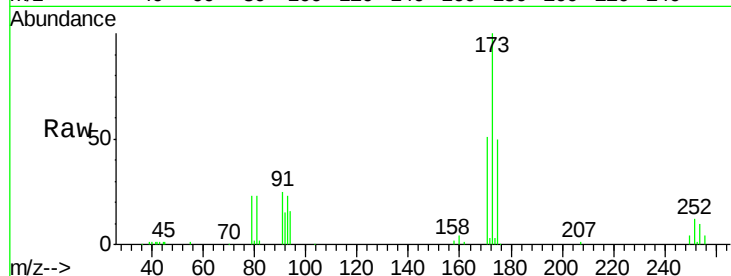
Tgt Ion:173 Resp: 27770

Ion Ratio Lower Upper

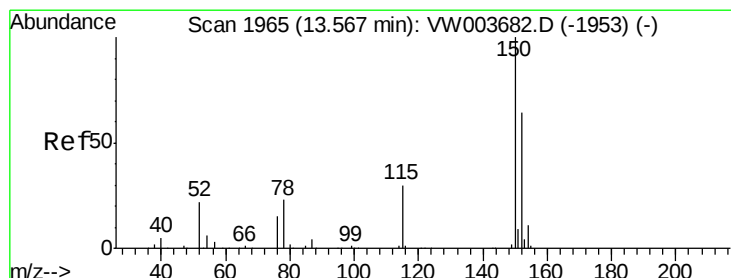
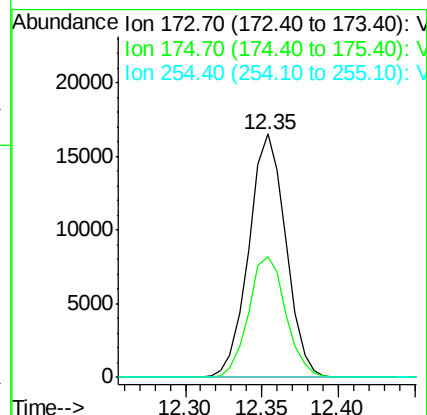
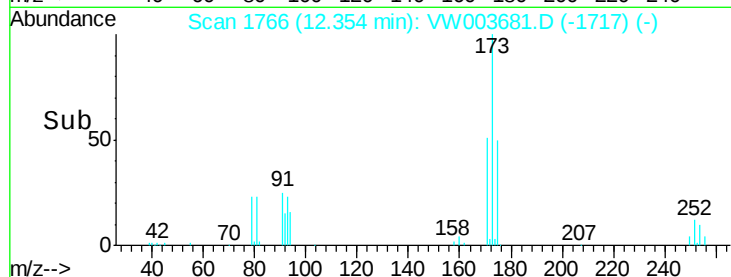
173 100

175 50.1 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: VW003681.D

Acq: 02 Jul 2018 17:24

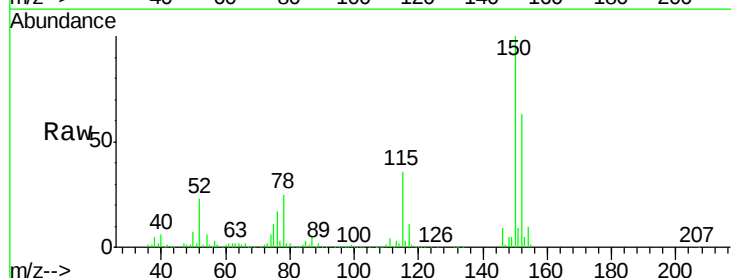
Tgt Ion:152 Resp: 191906

Ion Ratio Lower Upper

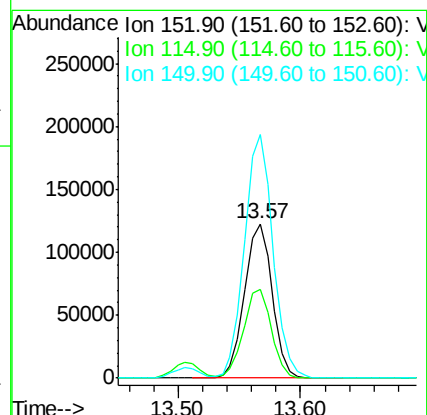
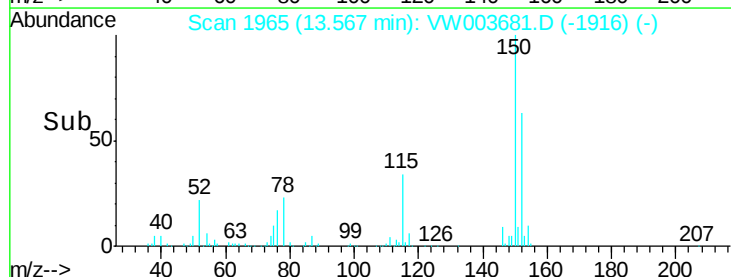
152 100

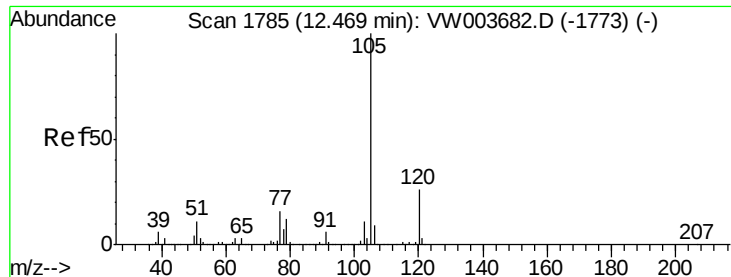
115 58.1 29.3 88.0

150 163.5 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: 18.959 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

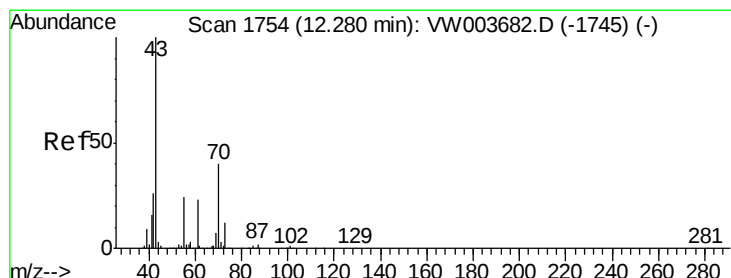
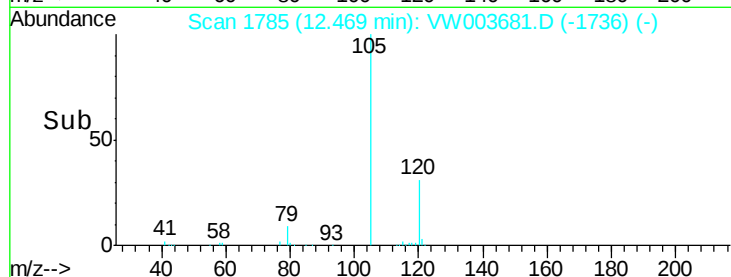
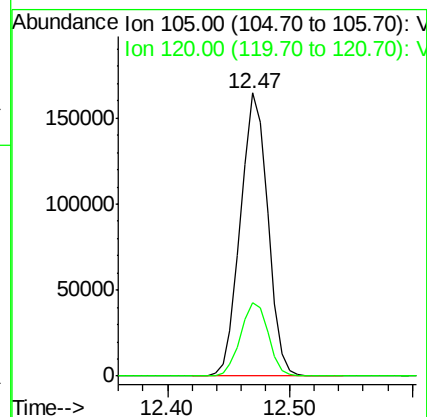
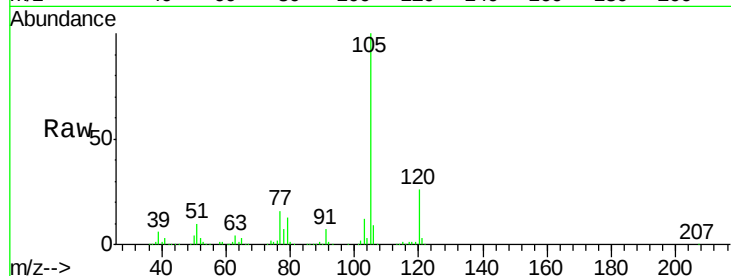
VSTDIC020

Tgt Ion:105 Resp: 254079

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 20.544 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Tgt Ion: 43 Resp: 64136

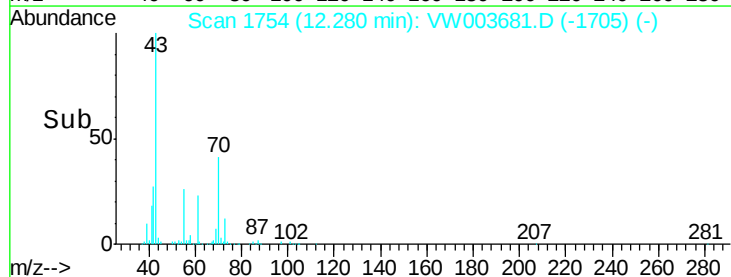
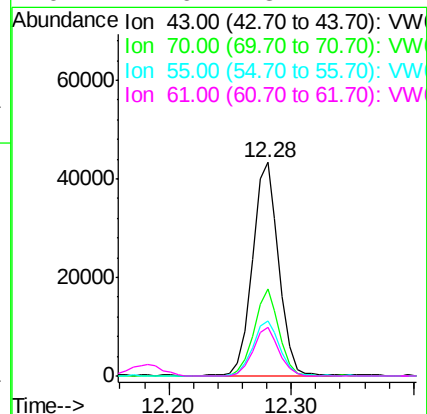
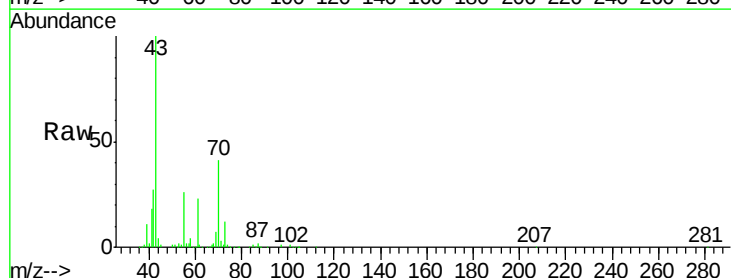
Ion Ratio Lower Upper

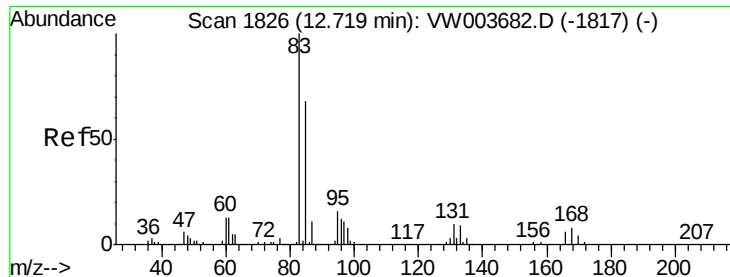
43 100

70 38.8 31.3 46.9

55 26.8 20.1 30.1

61 22.6 18.2 27.2

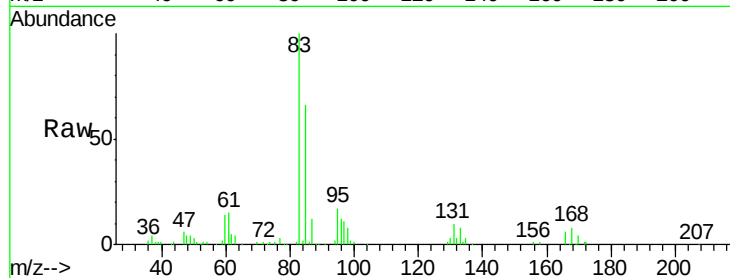




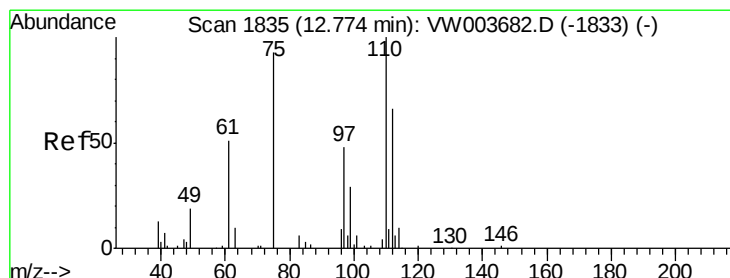
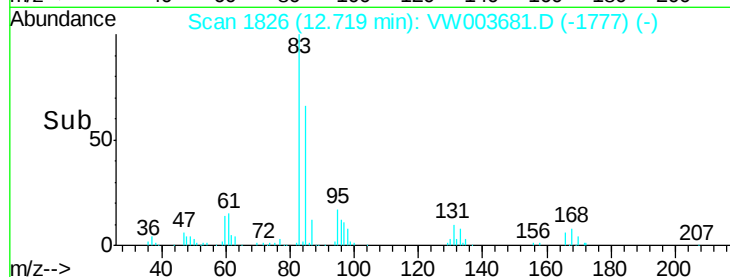
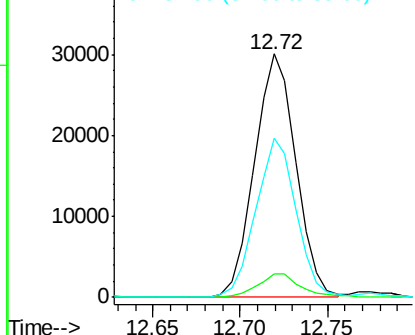
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.324 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.3	15.9
85	63.8	31.9	95.9

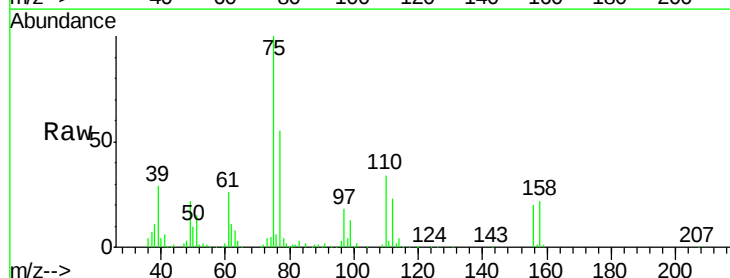


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 130.80 (130.50 to 131.50): VW
 Ion 84.90 (84.60 to 85.60): VW

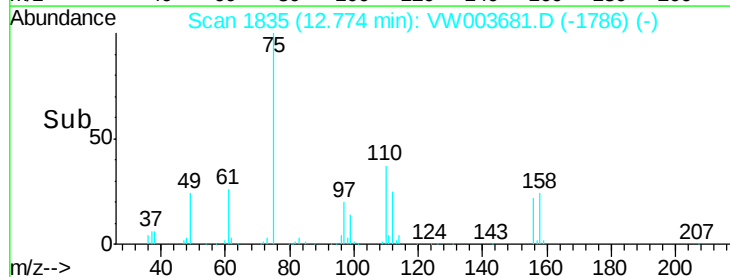
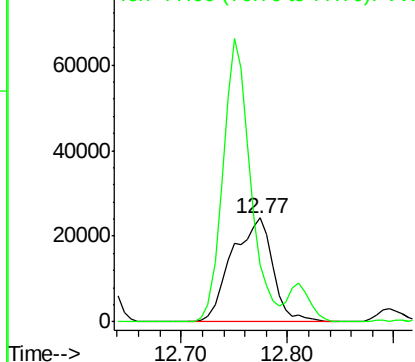


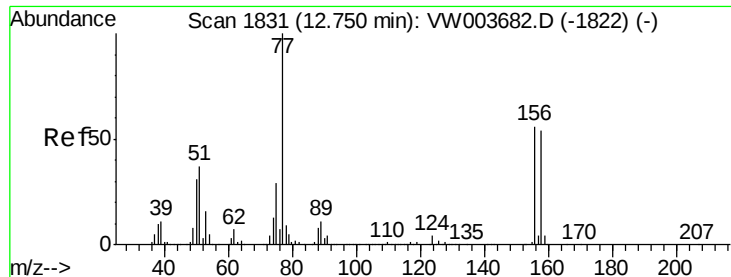
#76
 1,2,3-Trichloropropane
 Concen: 39.393 ug/l
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt 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: 19.540 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

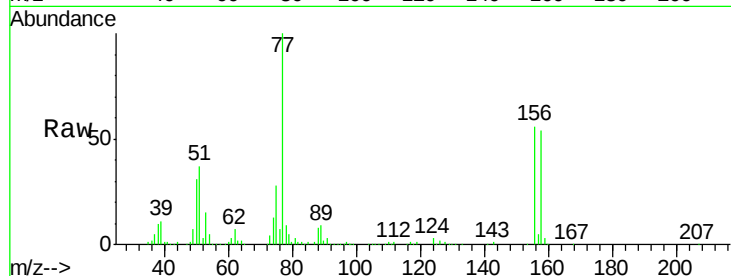
Tgt Ion:156 Resp: 61251

Ion Ratio Lower Upper

156 100

77 194.1 95.8 287.4

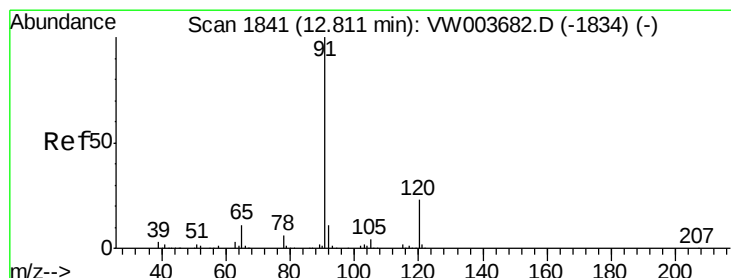
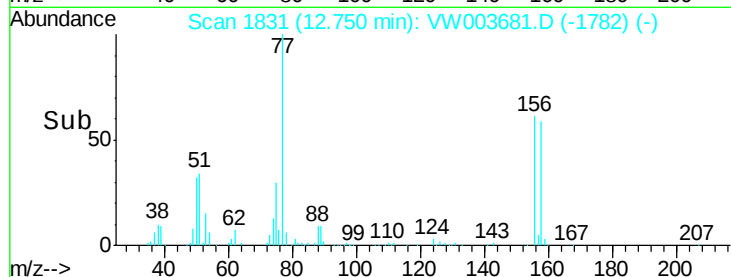
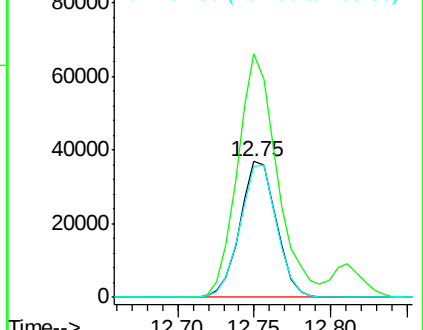
158 97.9 48.2 144.6



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: 19.297 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003681.D

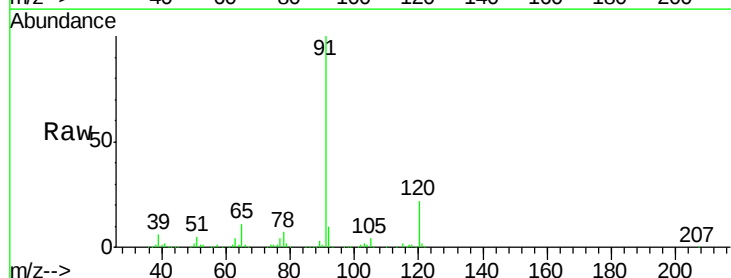
Acq: 02 Jul 2018 17:24

Tgt Ion: 91 Resp: 317566

Ion Ratio Lower Upper

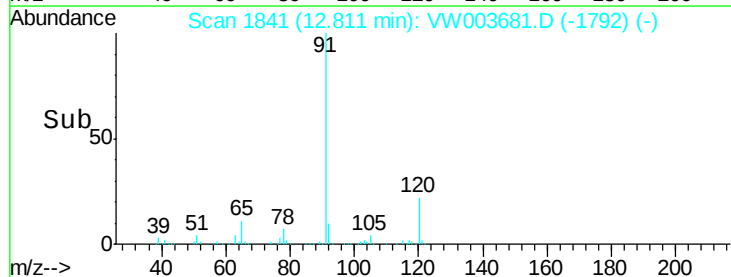
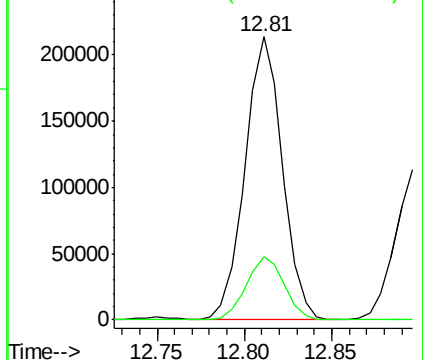
91 100

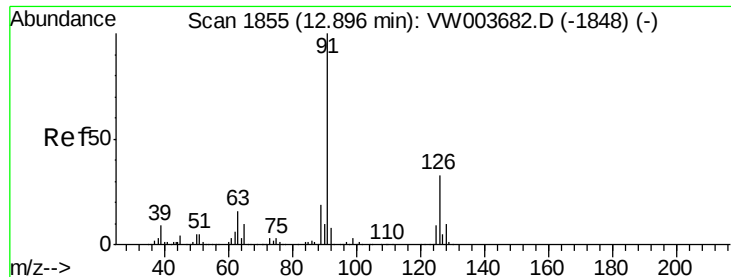
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.304 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

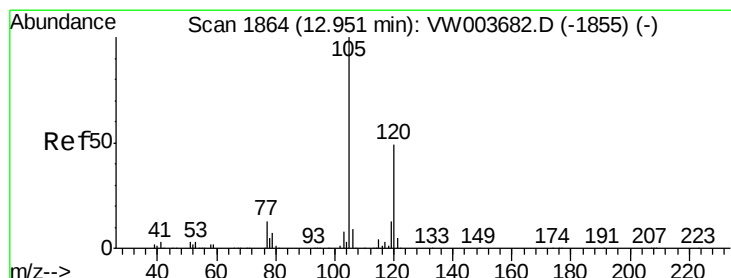
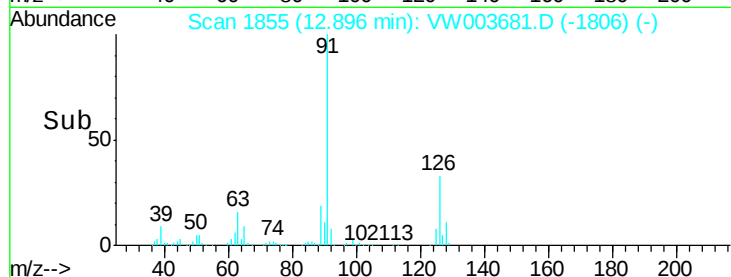
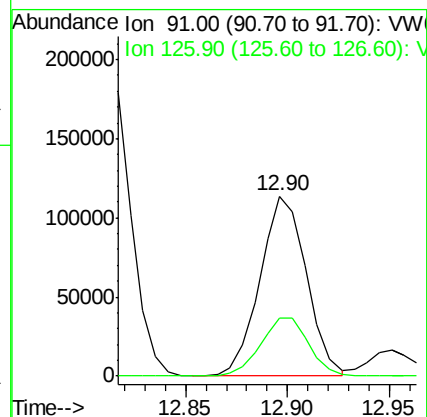
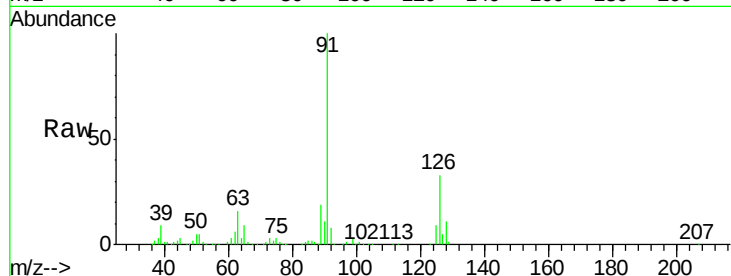
VSTDIC020

Tgt Ion: 91 Resp: 179529

Ion Ratio Lower Upper

91 100

126 33.9 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 19.365 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003681.D

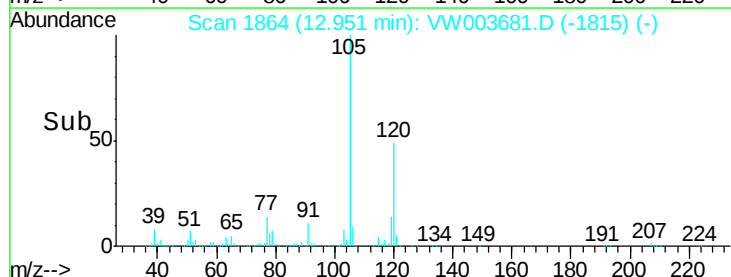
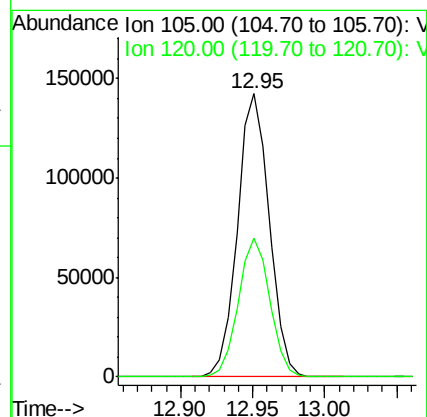
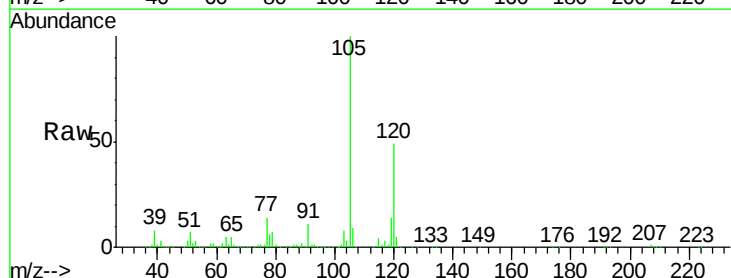
Acq: 02 Jul 2018 17:24

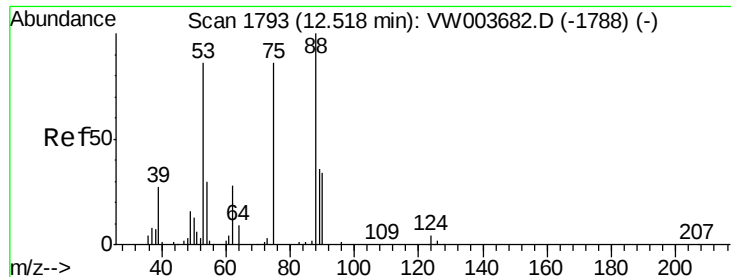
Tgt Ion: 105 Resp: 218039

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.171 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

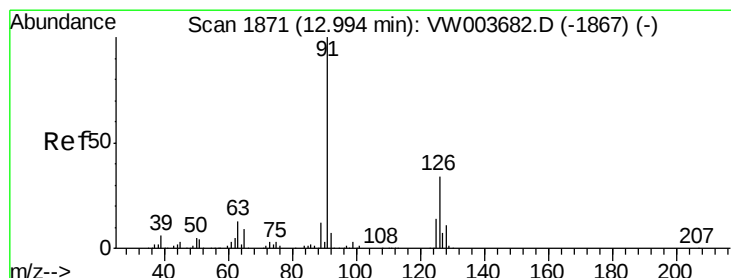
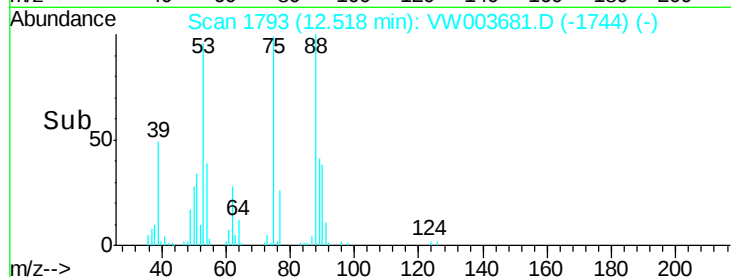
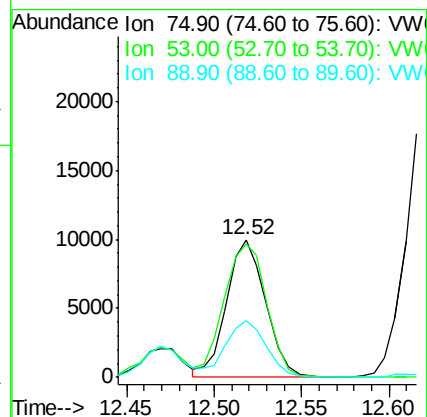
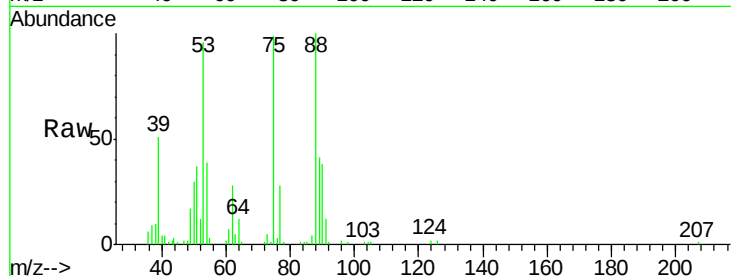
Tgt Ion: 75 Resp: 15490

Ion Ratio Lower Upper

75 100

53 106.4 82.4 123.6

89 42.0 35.9 53.9



#82

4-Chlorotoluene

Concen: 19.672 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003681.D

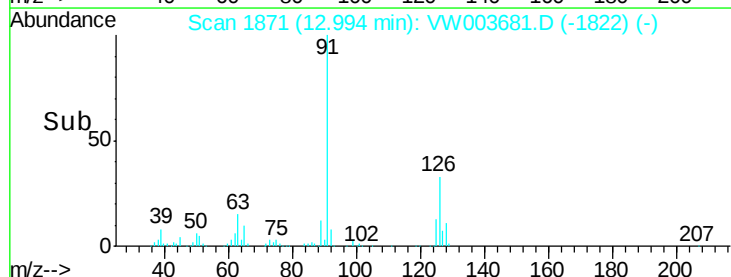
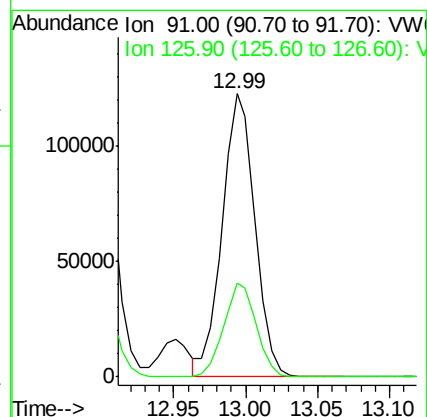
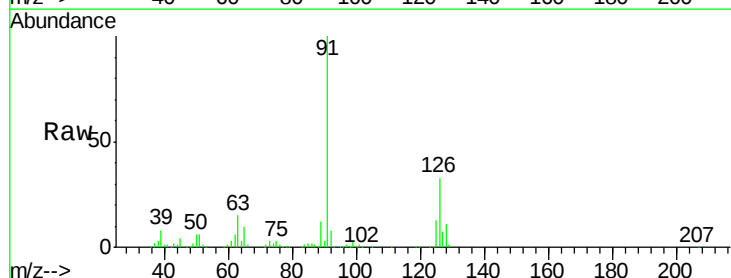
Acq: 02 Jul 2018 17:24

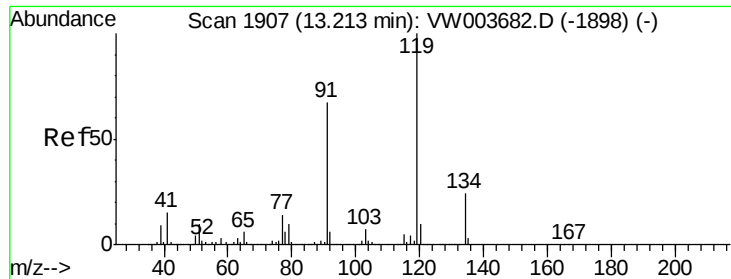
Tgt Ion: 91 Resp: 193987

Ion Ratio Lower Upper

91 100

126 33.0 17.0 50.9

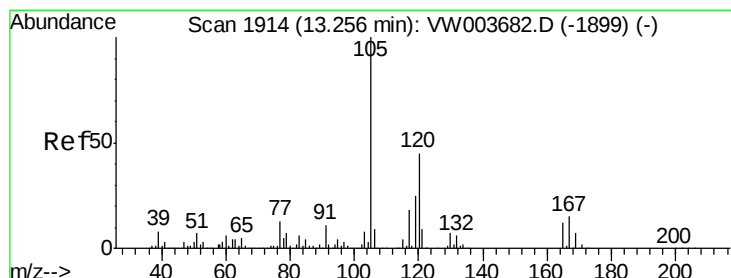
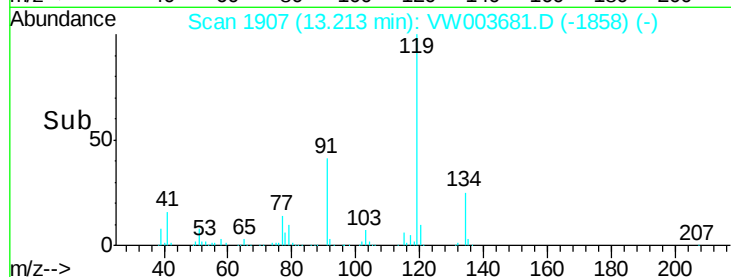
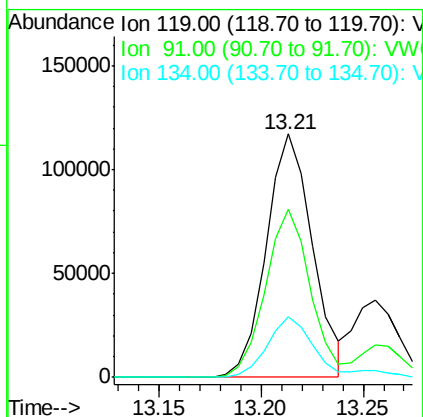
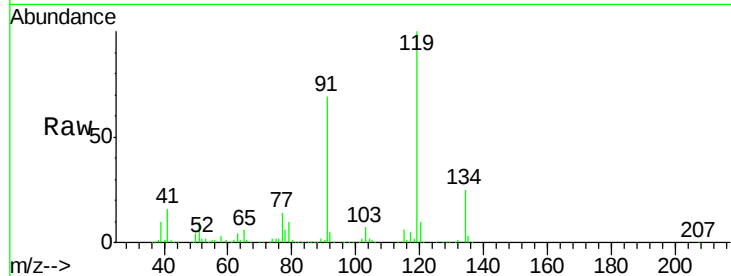




#83
 tert-Butylbenzene
 Concen: 19.308 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

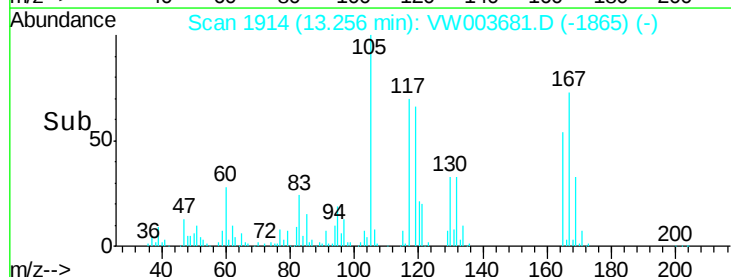
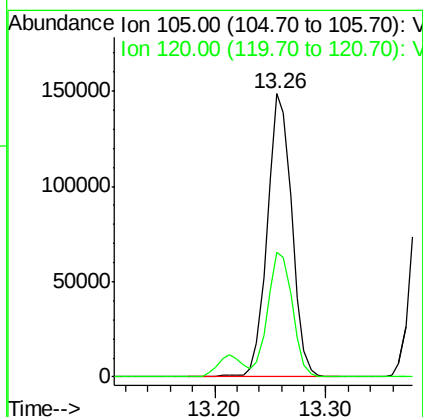
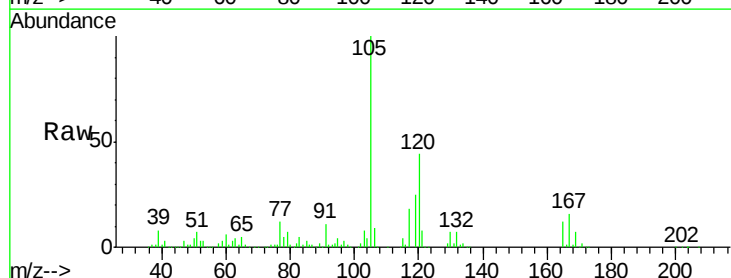
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

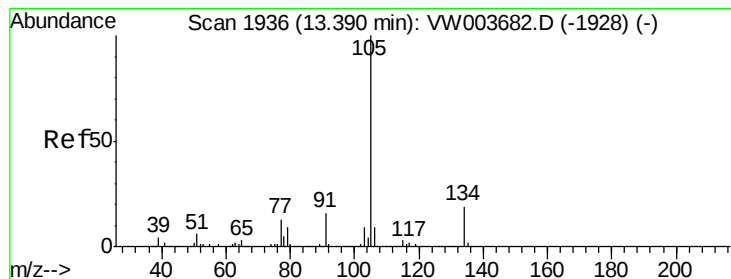
Tgt Ion:119 Resp: 185077
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.8 101.3
 134 24.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.693 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion:105 Resp: 228603
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.507 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

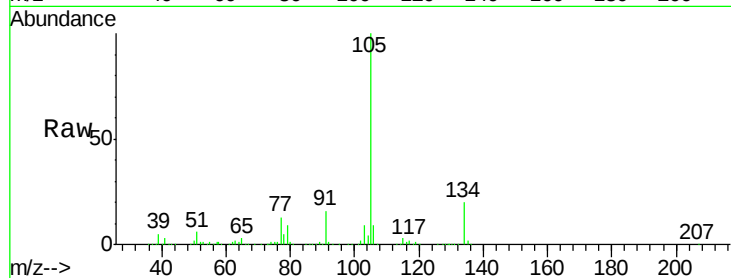
VSTDIC020

Tgt Ion:105 Resp: 278168

Ion Ratio Lower Upper

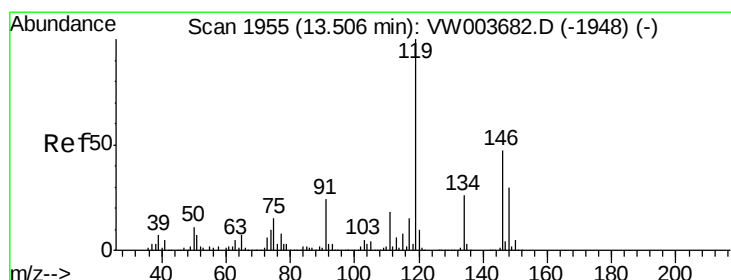
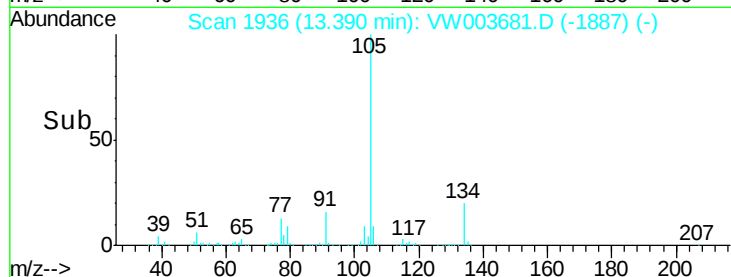
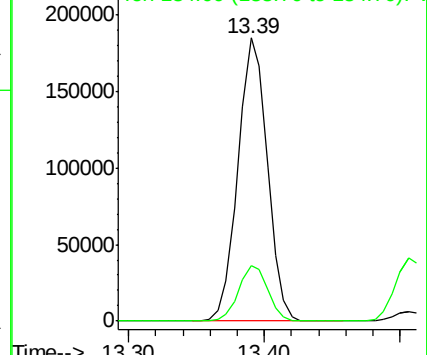
105 100

134 19.7 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.069 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

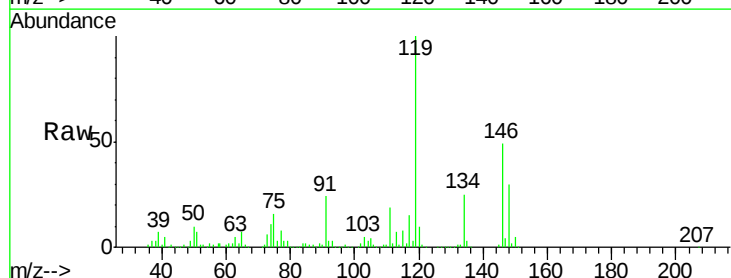
Tgt Ion:119 Resp: 239304

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

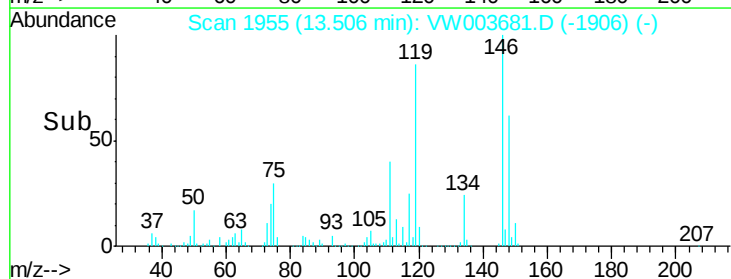
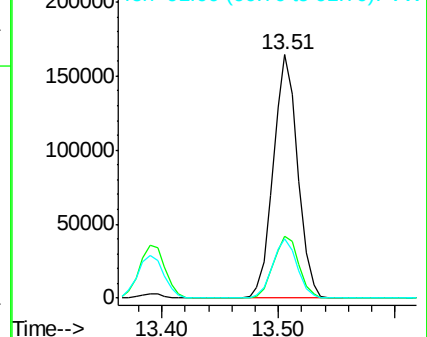
91 24.6 11.8 35.4

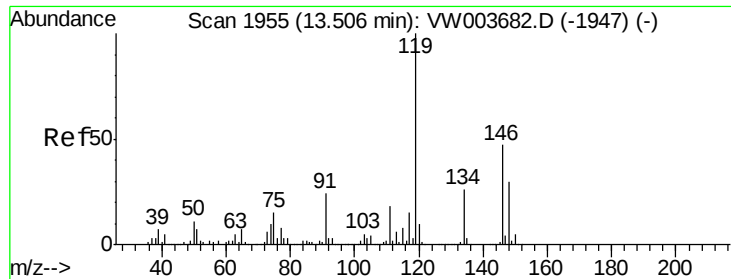


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

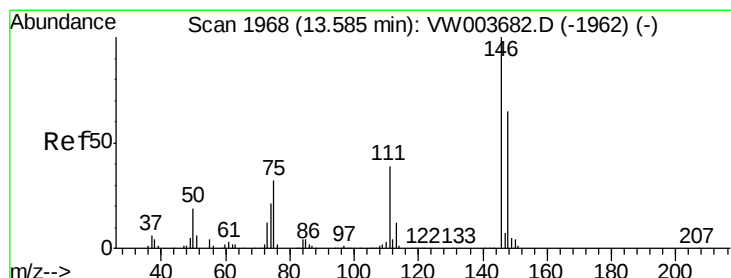
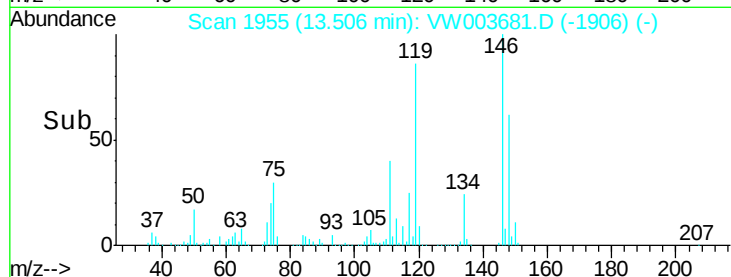
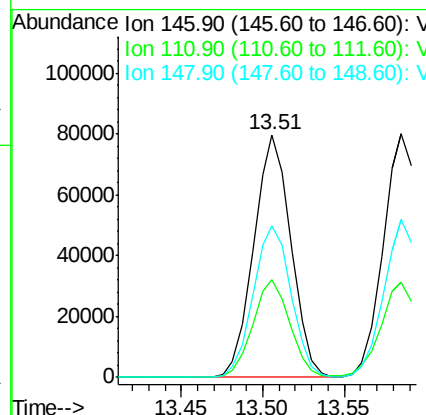
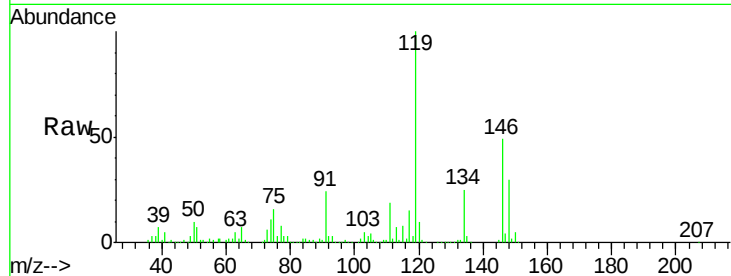




#87
 1,3-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

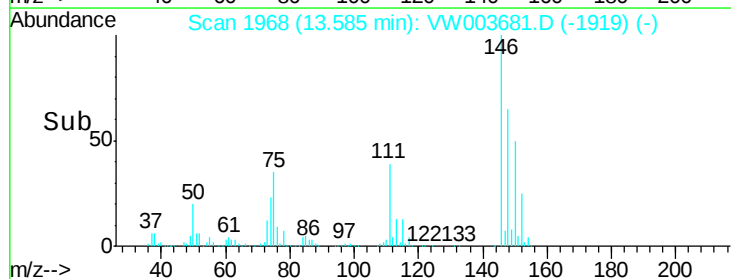
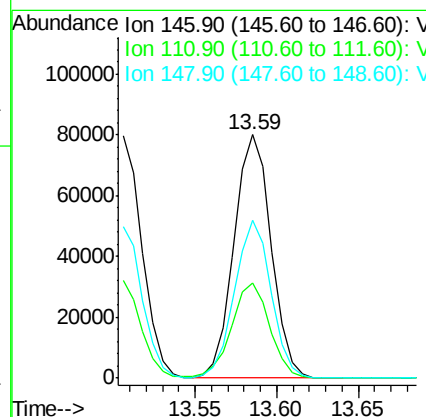
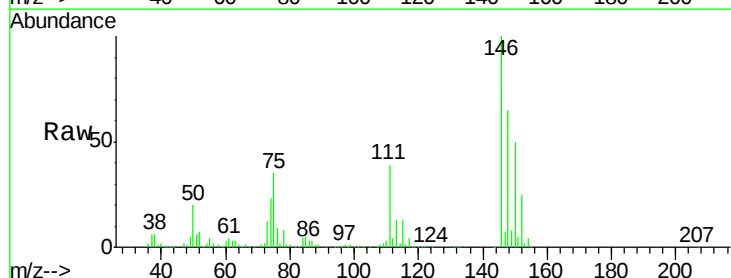
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

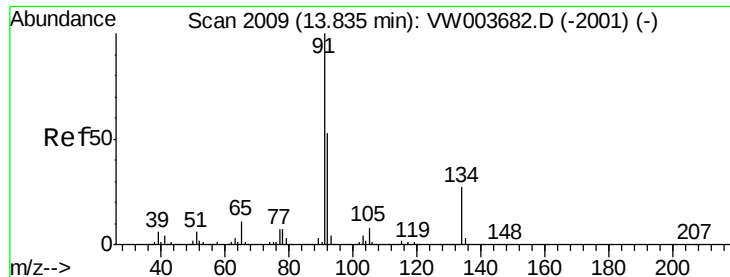
Tgt Ion:146 Resp: 126475
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.877 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion:146 Resp: 126917
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.3 57.9
 148 63.7 32.3 96.9





#89

n-Butylbenzene

Concen: 19.482 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003681.D

Acq: 02 Jul 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

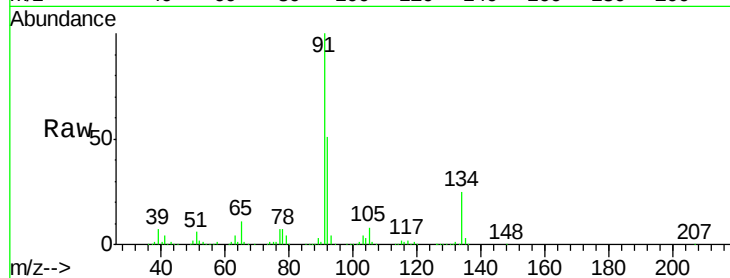
Tgt Ion: 91 Resp: 238831

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.2

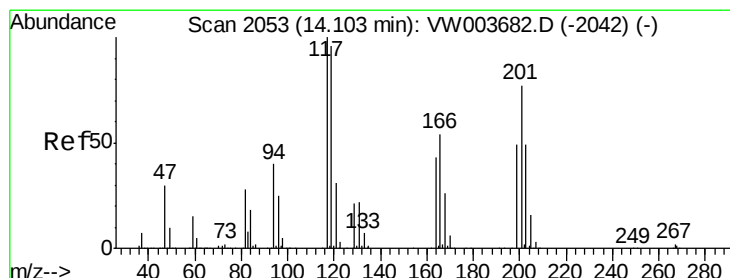
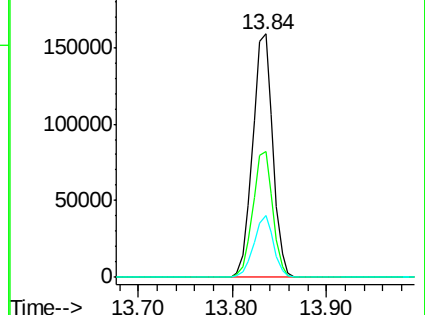
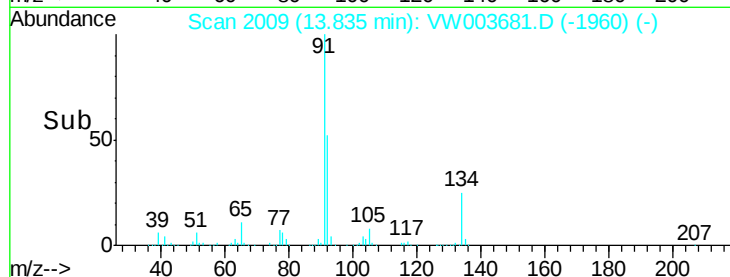
134 24.8 12.7 38.1



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: 19.611 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW003681.D

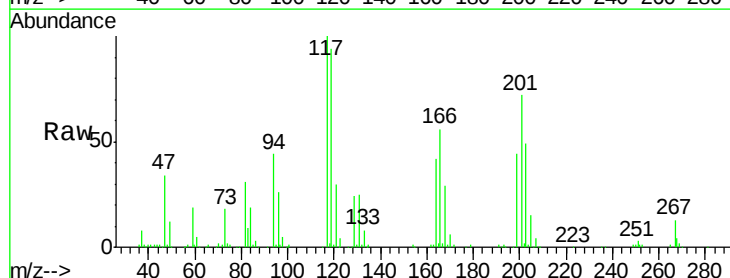
Acq: 02 Jul 2018 17:24

Tgt Ion: 117 Resp: 44586

Ion Ratio Lower Upper

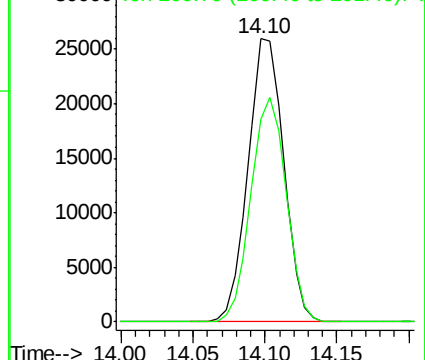
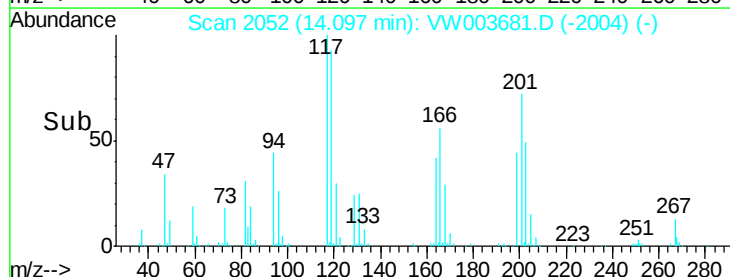
117 100

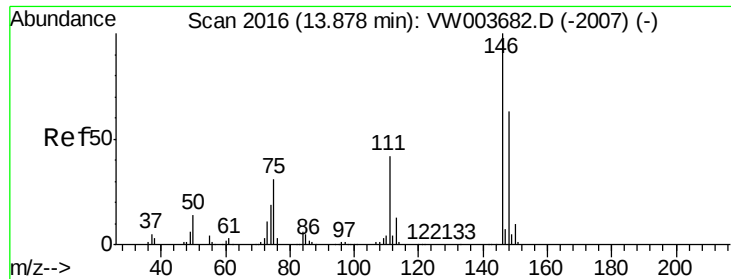
201 78.1 39.1 117.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

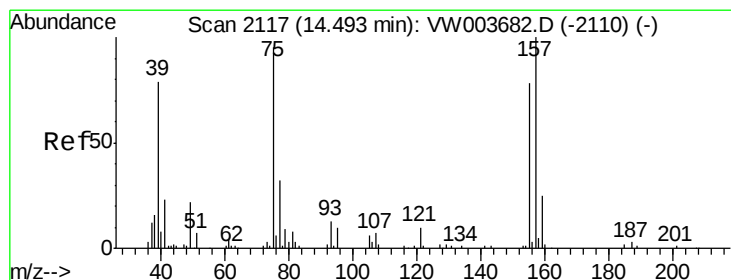
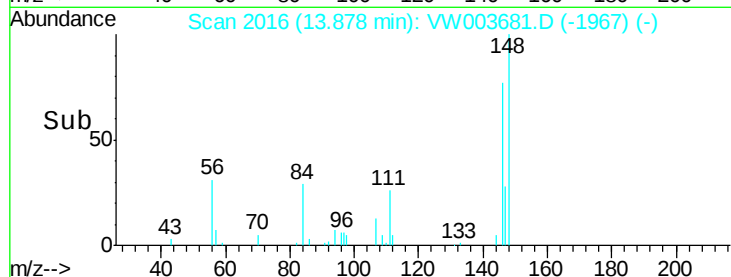
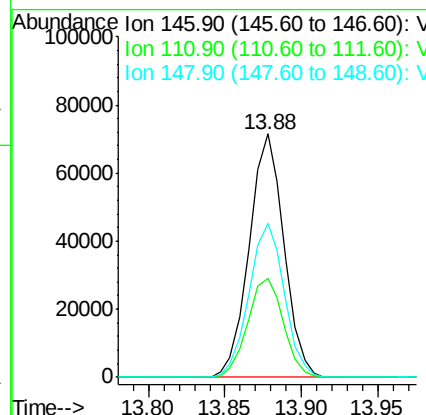
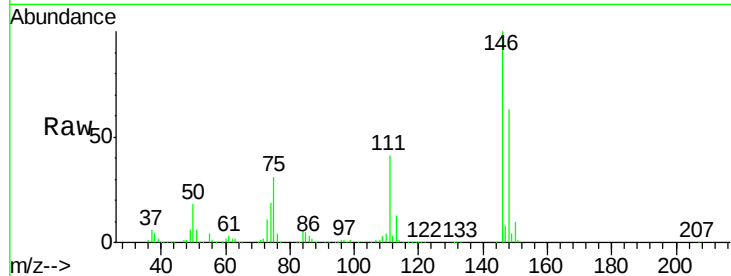




#91
 1,2-Dichlorobenzene
 Concen: 20.032 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

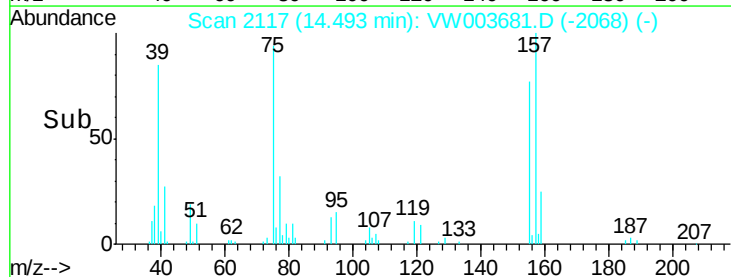
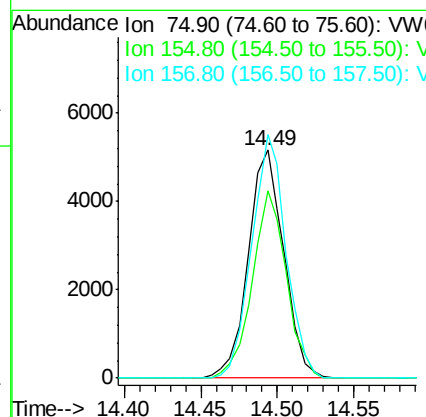
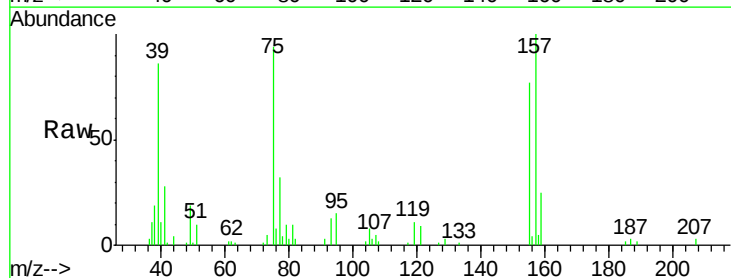
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

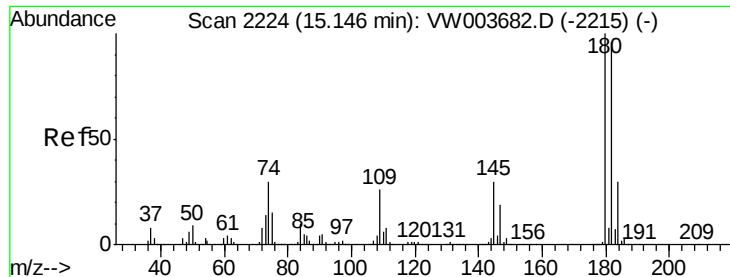
Tgt Ion: 146 Resp: 112851
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 64.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.365 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion: 75 Resp: 8330
 Ion Ratio Lower Upper
 75 100
 155 78.5 40.2 120.6
 157 102.9 50.7 152.3

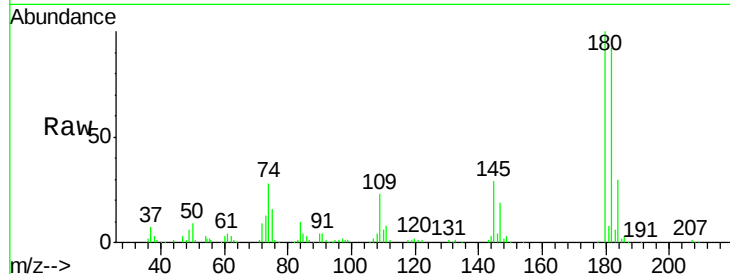




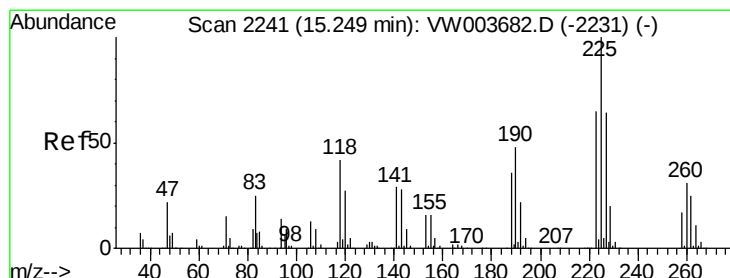
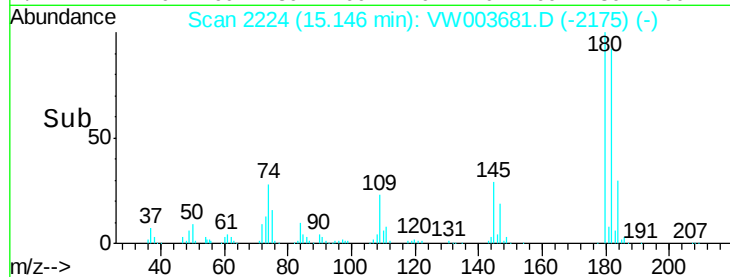
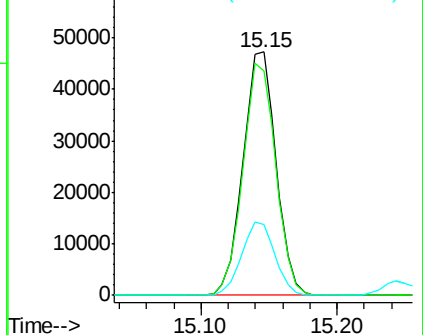
#93
 1,2,4-Trichlorobenzene
 Concen: 20.298 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 80328
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.6 142.8
 145 30.1 14.9 44.5

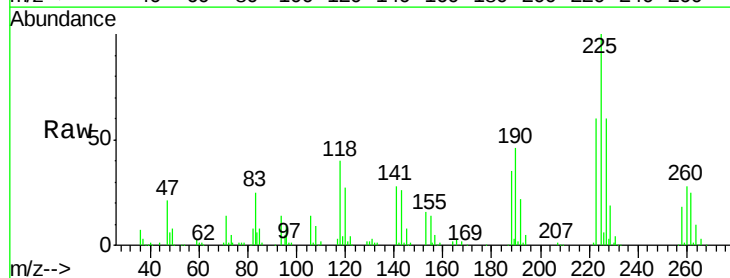


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

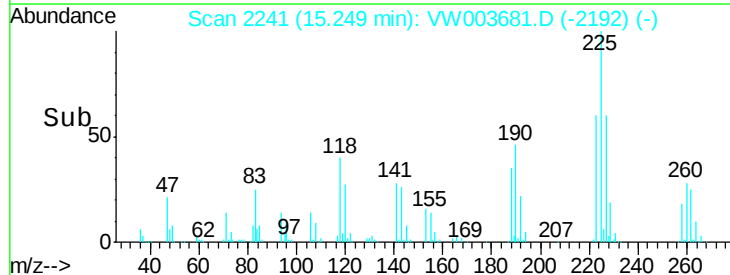
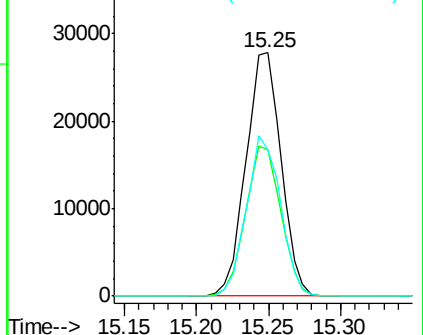


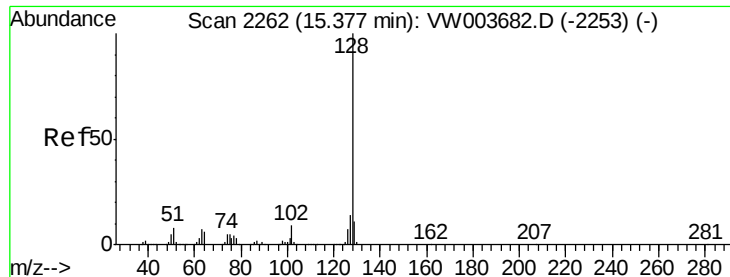
#94
 Hexachlorobutadiene
 Concen: 19.869 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003681.D
 Acq: 02 Jul 2018 17:24

Tgt Ion:225 Resp: 46926
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.0 96.2
 227 63.8 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

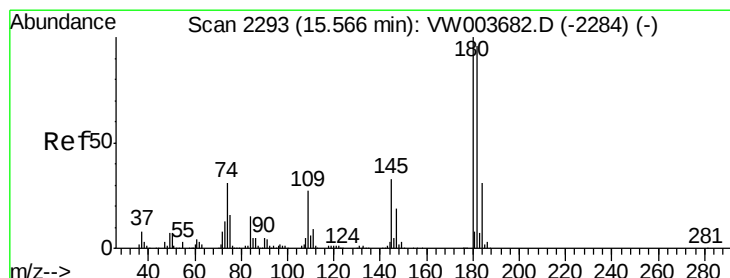
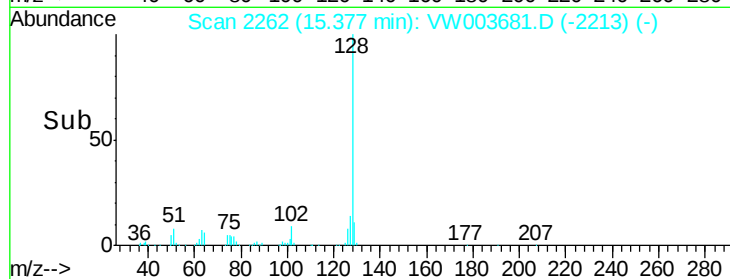
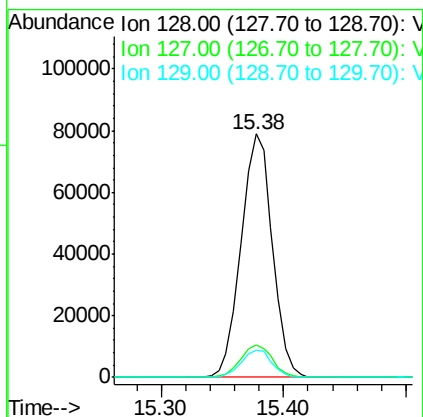
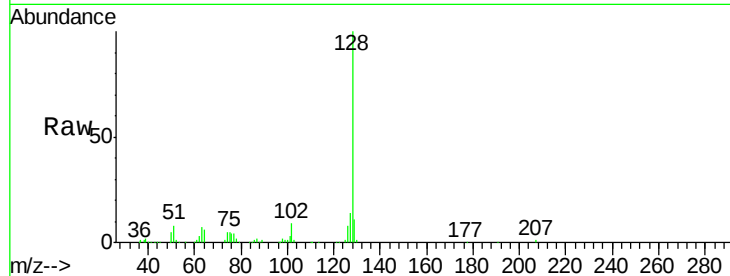




#95
Naphthalene
Concen: 20.567 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 139760
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.396 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003681.D
Acq: 02 Jul 2018 17:24

Tgt Ion:180 Resp: 71198
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 31.9 15.9 47.7

