

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003734.D
 Acq On : 05 Jul 2018 20:54
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/7ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 06 02:37:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174855	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	136002	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	114017	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
50) Toluene-d8	10.33	98	452631	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	166809	55.08	ug/l	0.00
Spiked Amount			Recovery	=	110.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	52063	45.697	ug/l	98
3) Chloromethane	2.21	50	90168	53.272	ug/l	99
4) Vinyl Chloride	2.36	62	131029	56.738	ug/l	98
5) Bromomethane	2.78	94	87401	57.724	ug/l	95
6) Chloroethane	2.92	64	79793	57.423	ug/l	99
7) Trichlorofluoromethane	3.25	101	54519	44.395	ug/l	98
8) Diethyl Ether	3.67	74	58249	51.263	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	110594	54.192	ug/l	100
10) Methyl Iodide	4.26	142	165006	55.062	ug/l	99
11) Tert butyl alcohol	5.22	59	42277	266.705	ug/l	98
12) 1,1-Dichloroethene	4.03	96	106717	52.466	ug/l	98
13) Acrolein	3.89	56	22196	288.576	ug/l	93
14) Allyl chloride	4.66	41	181413	52.149	ug/l	98
15) Acrylonitrile	5.37	53	153057	290.430	ug/l	100
16) Acetone	4.14	43	134000	221.596	ug/l	97
17) Carbon Disulfide	4.37	76	335506	54.945	ug/l	98
18) Methyl Acetate	4.67	43	74646	56.717	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	229249	57.701	ug/l	98
20) Methylene Chloride	4.90	84	126261	54.825	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	122327	54.912	ug/l	96
22) Diisopropyl ether	6.31	45	410945	57.617	ug/l	99
23) Vinyl Acetate	6.26	43	1320177	271.722	ug/l	100
24) 1,1-Dichloroethane	6.21	63	233593	54.920	ug/l	99
25) 2-Butanone	7.18	43	217506	280.909	ug/l	99
26) 2,2-Dichloropropane	7.17	77	122865	47.112	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	135679	55.929	ug/l	98
28) Bromochloromethane	7.51	49	98660	52.769	ug/l	100
29) Tetrahydrofuran	7.54	42	141973	305.878	ug/l	100
30) Chloroform	7.68	83	240675	55.960	ug/l	96
31) Cyclohexane	7.95	56	198222	51.184	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	183947	54.942	ug/l	99
36) 1,1-Dichloropropene	8.08	75	188234	56.954	ug/l	99
37) Ethyl Acetate	7.26	43	98419	61.178	ug/l	99
38) Carbon Tetrachloride	8.07	117	178683	56.833	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	215699	56.674	ug/l	99
40) Benzene	8.32	78	530578	57.117	ug/l	100
41) Methacrylonitrile	7.49	41	62835	68.717	ug/l	89
42) 1,2-Dichloroethane	8.40	62	174696	59.727	ug/l	99
43) Isopropyl Acetate	8.43	43	185662	61.277	ug/l	99
44) Trichloroethene	9.09	130	133845	55.737	ug/l	100
45) 1,2-Dichloropropane	9.37	63	138668	57.545	ug/l	99
46) Dibromomethane	9.46	93	75426	60.271	ug/l	99
47) Bromodichloromethane	9.65	83	182248	58.912	ug/l	100
48) Methyl methacrylate	9.44	41	91047	56.404	ug/l	98
49) 1,4-Dioxane	9.48	88	25419	1294.796	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	513794	321.815	ug/l	99
52) Toluene	10.39	92	341798	58.962	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	189650	59.091	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209982	57.710	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105972	60.105	ug/l	98
56) Ethyl methacrylate	10.65	69	140910	55.864	ug/l	95
57) 1,3-Dichloropropane	10.93	76	186143	60.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	266576	282.866	ug/l	99
59) 2-Hexanone	10.98	43	363595	318.588	ug/l	98
60) Dibromochloromethane	11.13	129	125408	60.845	ug/l	98
61) 1,2-Dibromoethane	11.24	107	101797	60.279	ug/l	99
64) Tetrachloroethene	10.87	164	126453	58.415	ug/l	96
65) Chlorobenzene	11.66	112	375613	55.783	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	133564	56.758	ug/l	99
67) Ethyl Benzene	11.74	91	674741	57.191	ug/l	98
68) m/p-Xylenes	11.84	106	517233	115.287	ug/l	99
69) o-Xylene	12.17	106	241874	58.318	ug/l	99
70) Styrene	12.19	104	418752	60.112	ug/l	99
71) Bromoform	12.35	173	79177	60.553	ug/l #	100
73) Isopropylbenzene	12.47	105	666228	56.013	ug/l	100
74) N-amyl acetate	12.28	43	189659	60.388	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	134787	57.937	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	180693	114.931	ug/l #	100
77) Bromobenzene	12.75	156	159418	55.848	ug/l	100
78) n-propylbenzene	12.81	91	827074	56.288	ug/l	100
79) 2-Chlorotoluene	12.90	91	466612	55.805	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	573068	56.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	41629	56.106	ug/l	98
82) 4-Chlorotoluene	12.99	91	499428	56.267	ug/l	99
83) tert-Butylbenzene	13.21	119	479131	56.451	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	589467	56.905	ug/l	100
85) sec-Butylbenzene	13.39	105	708476	56.095	ug/l	100
86) p-Isopropyltoluene	13.51	119	628232	56.869	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	319862	55.212	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	318987	55.101	ug/l	99
89) n-Butylbenzene	13.83	91	610429	55.891	ug/l	99
90) Hexachloroethane	14.10	117	114184	55.636	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	292657	56.497	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24304	59.957	ug/l	96

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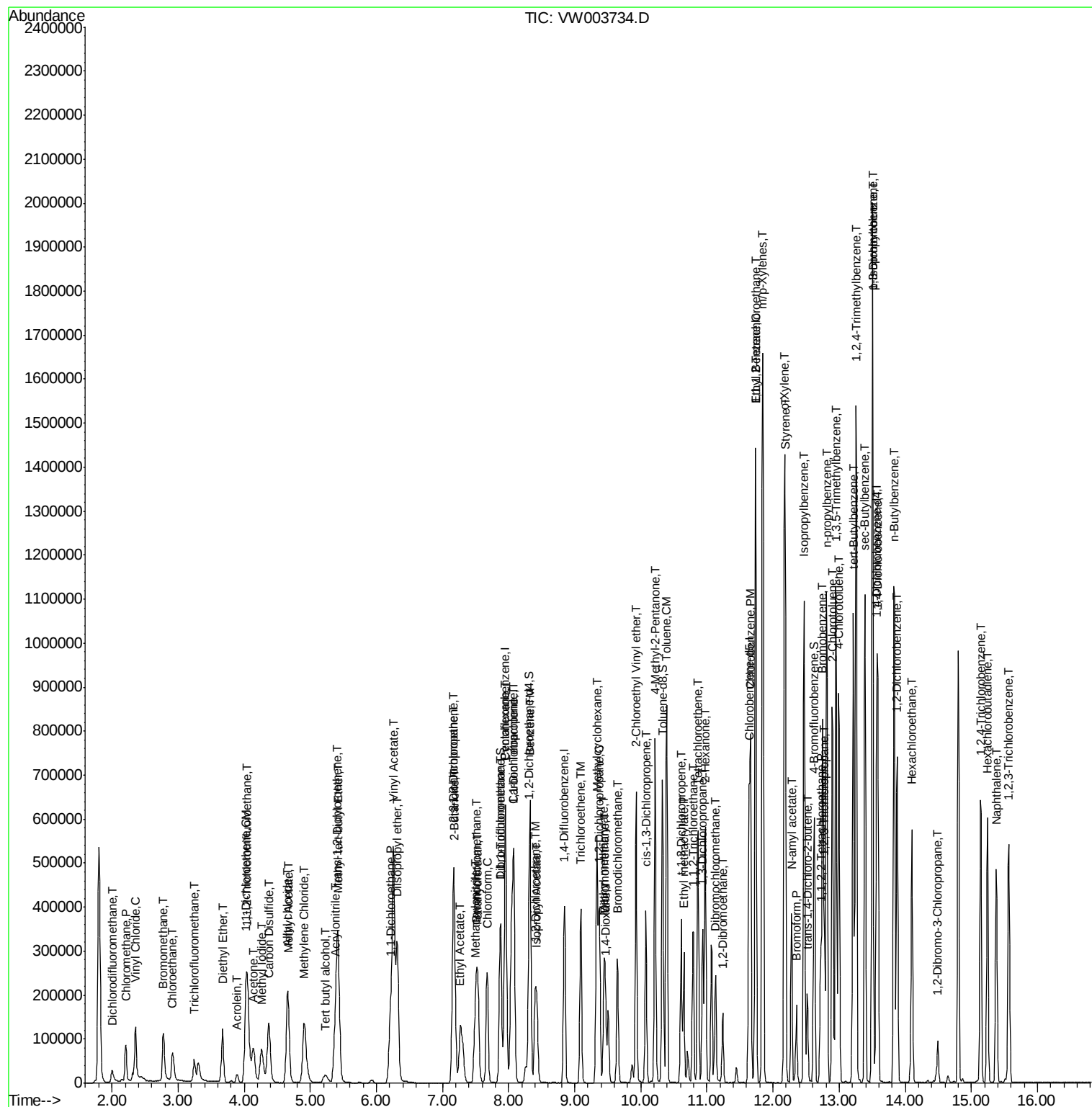
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	203157	55.622	ug/l	100
94) Hexachlorobutadiene	15.24	225	114911	54.474	ug/l	98
95) Naphthalene	15.38	128	402288	60.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	184695	56.767	ug/l	99

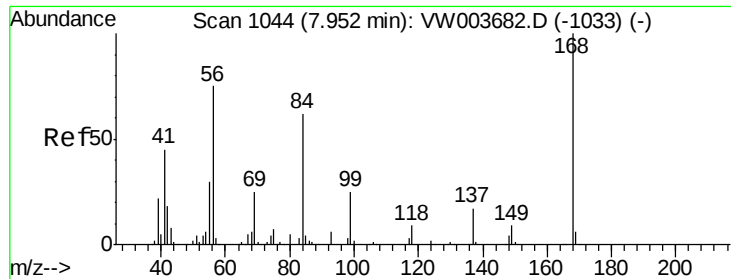
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

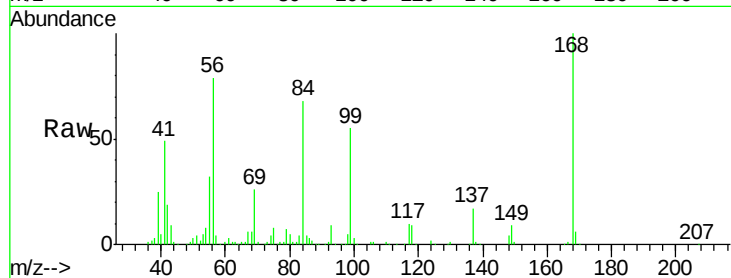
ClientSampled :

Tot Ion:168 Resp: 212484

Ion Ratio Lower Upper

168 100

99 55.0 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

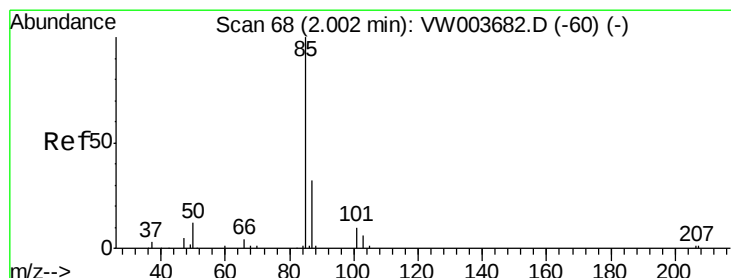
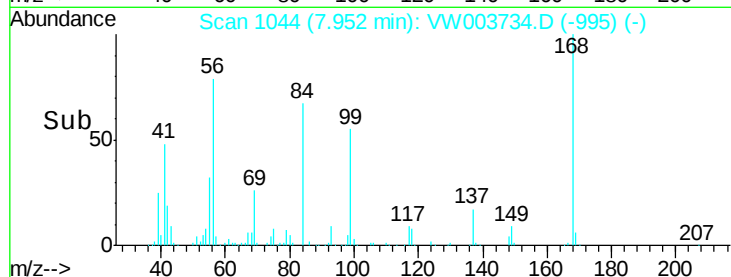
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.697 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003734.D

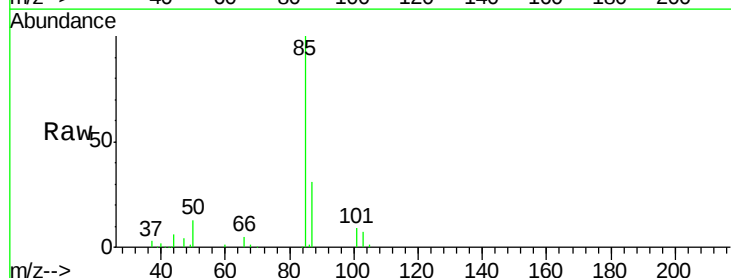
Acq: 05 Jul 2018 20:54

Tgt Ion: 85 Resp: 52063

Ion Ratio Lower Upper

85 100

87 31.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

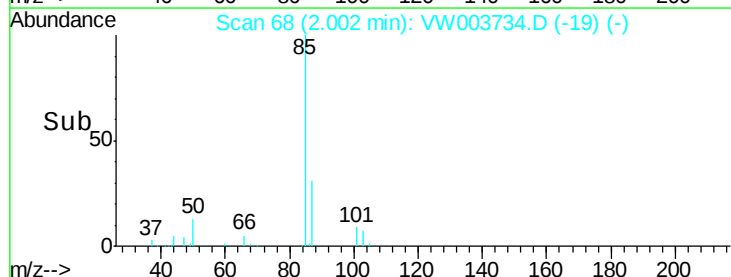
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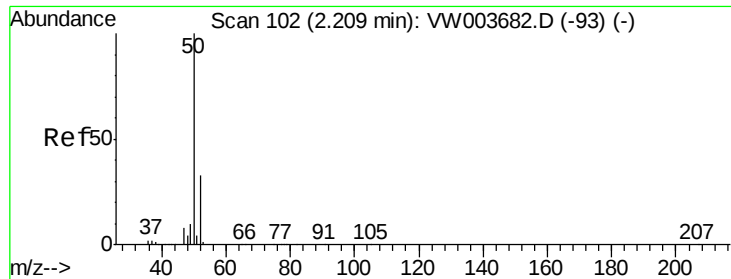
10000

5000

0

Time-->





#3

Chloromethane

Concen: 53.272 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

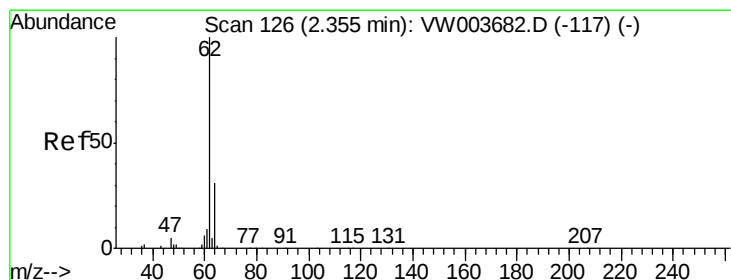
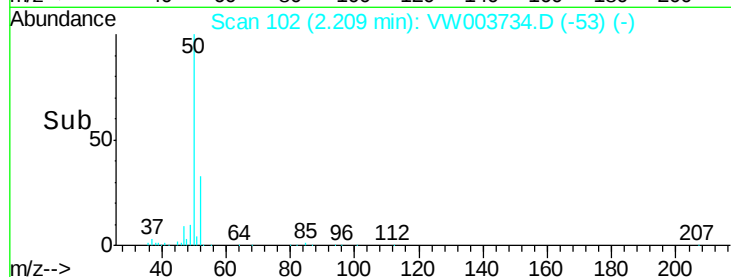
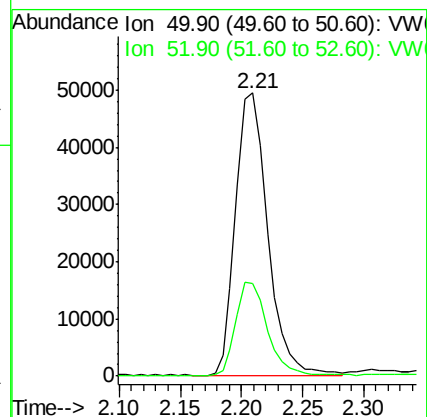
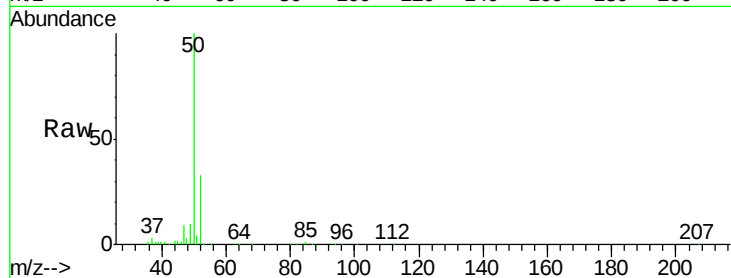
ClientSampled :

Tot Ion: 50 Resp: 90168

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 56.738 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003734.D

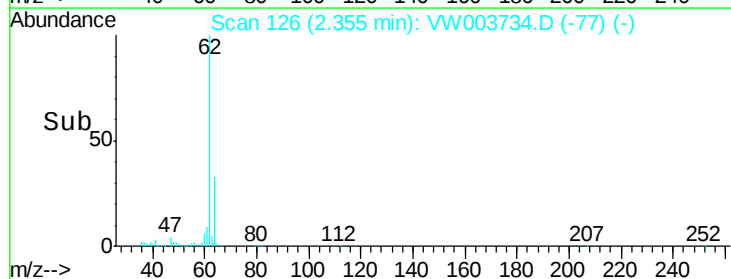
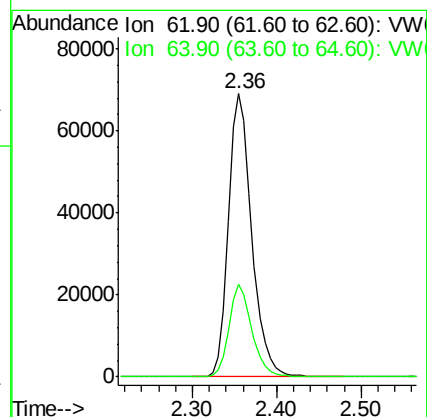
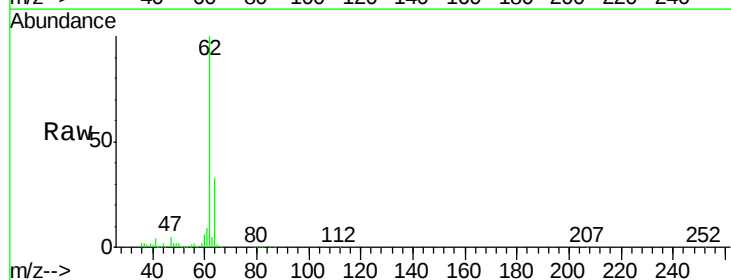
Acq: 05 Jul 2018 20:54

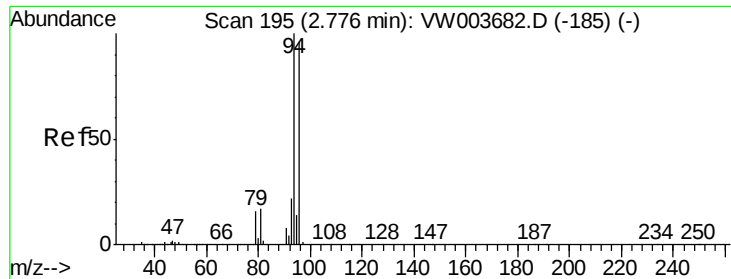
Tgt Ion: 62 Resp: 131029

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 57.724 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

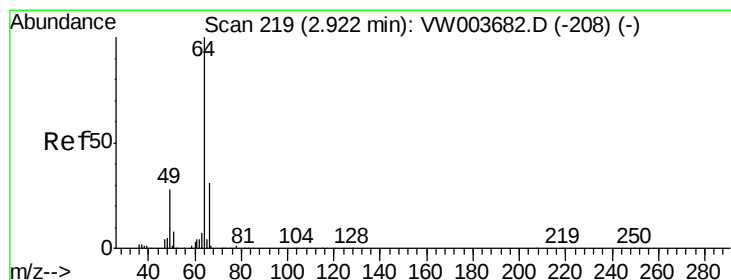
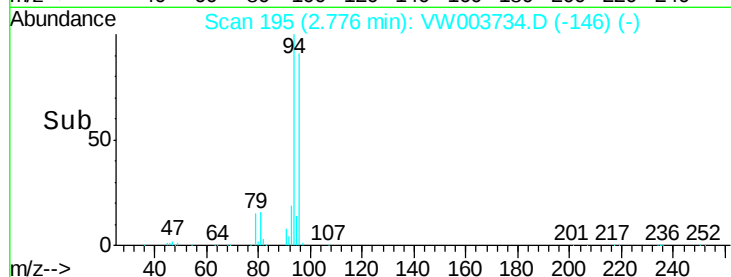
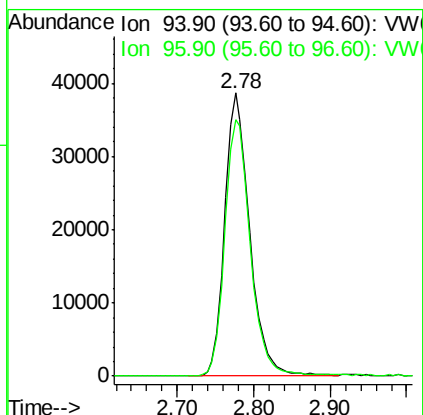
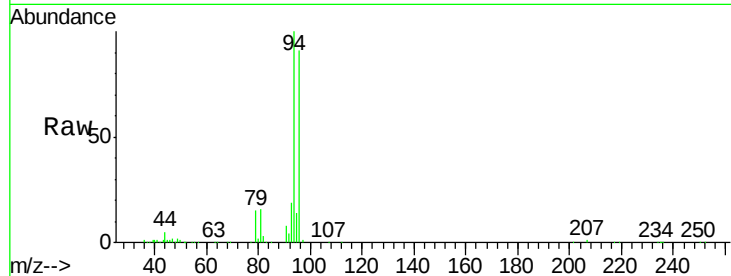
ClientSampled :

Tot Ion: 94 Resp: 87401

Ion Ratio Lower Upper

94 100

96 90.7 76.6 115.0



#6

Chloroethane

Concen: 57.423 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003734.D

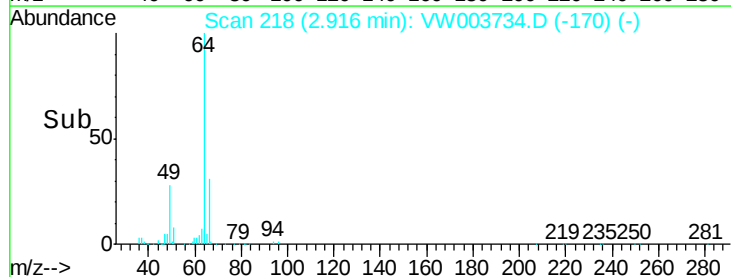
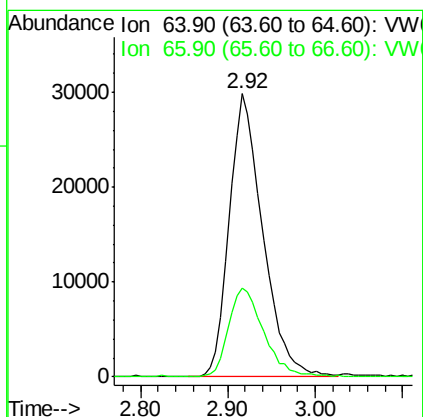
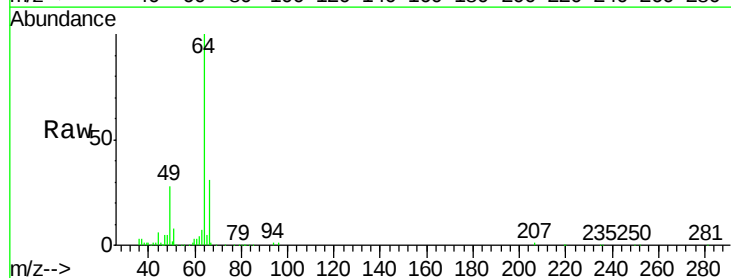
Acq: 05 Jul 2018 20:54

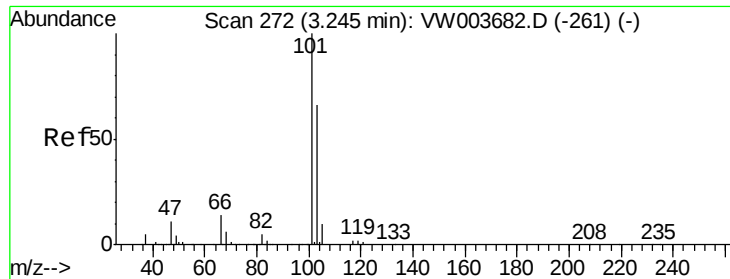
Tgt Ion: 64 Resp: 79793

Ion Ratio Lower Upper

64 100

66 31.0 25.0 37.6



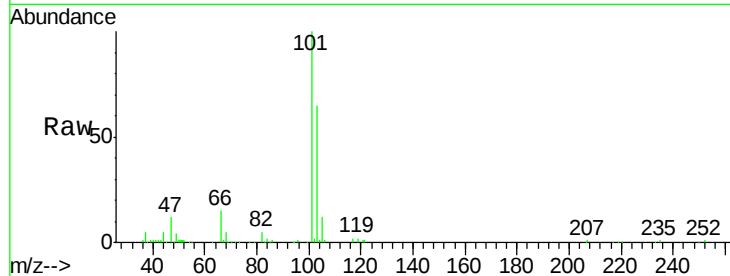


#7

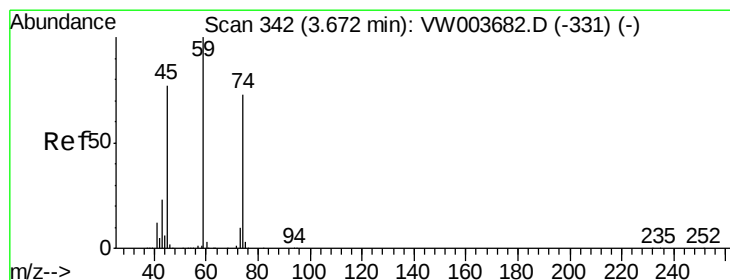
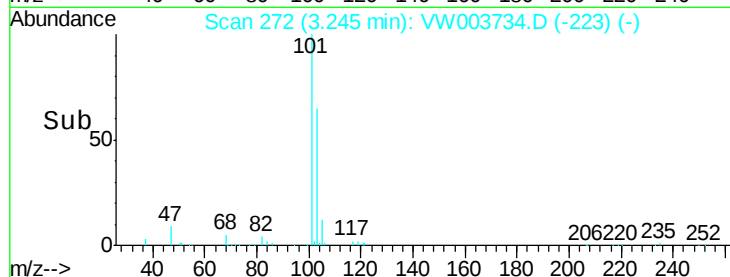
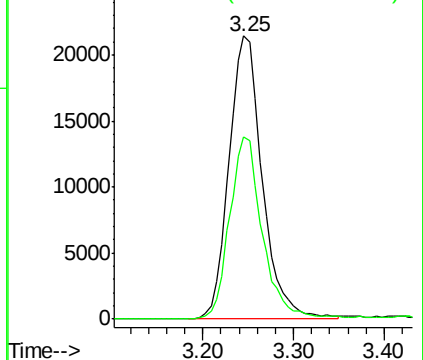
Trichlorofluoromethane
Concen: 44.395 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:101 Resp: 54519
Ion Ratio Lower Upper
101 100
103 64.6 52.9 79.3



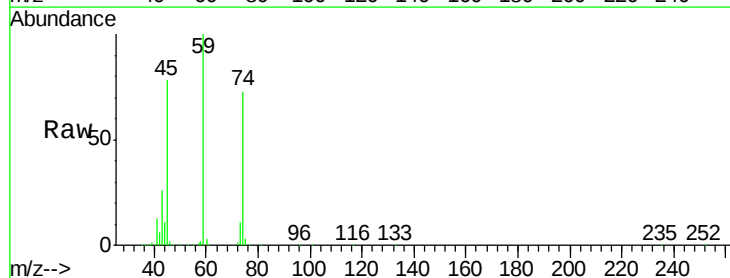
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



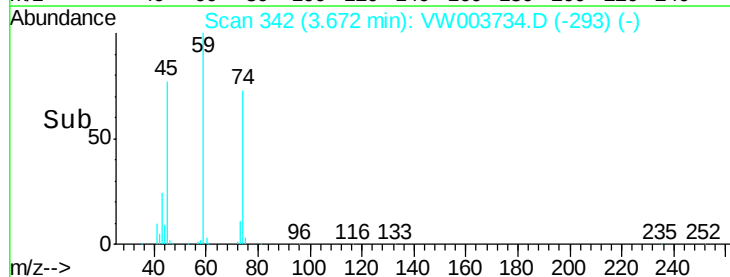
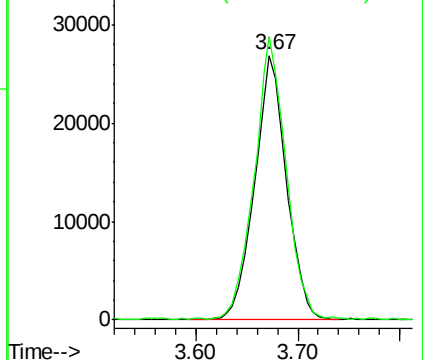
#8

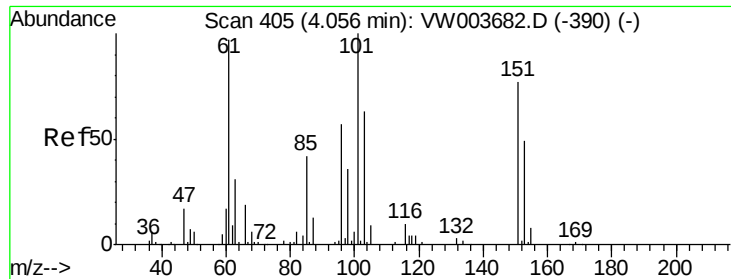
Diethyl Ether
Concen: 51.263 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 74 Resp: 58249
Ion Ratio Lower Upper
74 100
45 106.4 53.5 160.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.192 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

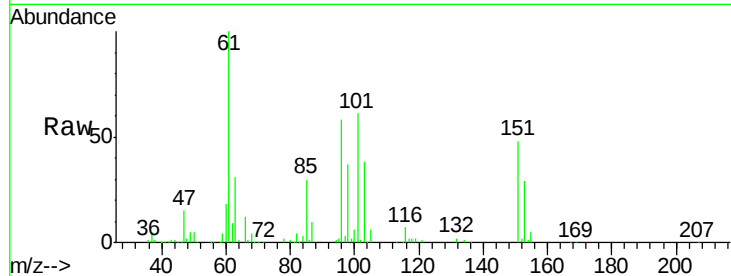
Tot Ion:101 Resp: 110594

Ion Ratio Lower Upper

101 100

85 46.3 36.6 55.0

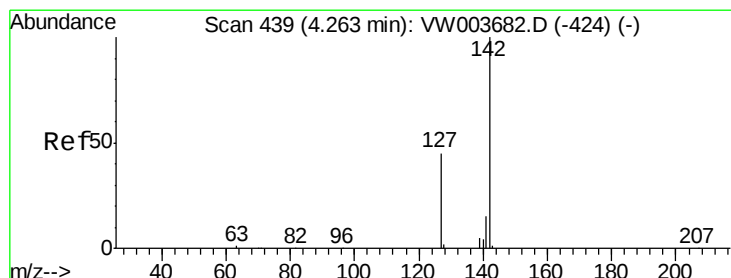
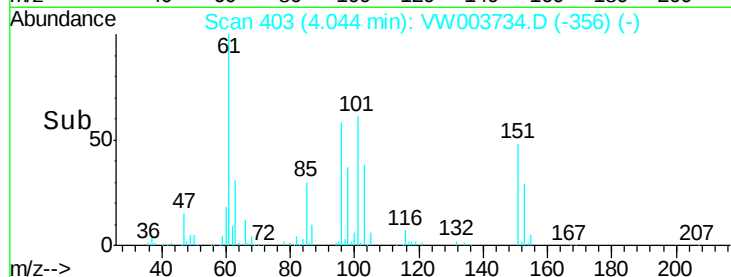
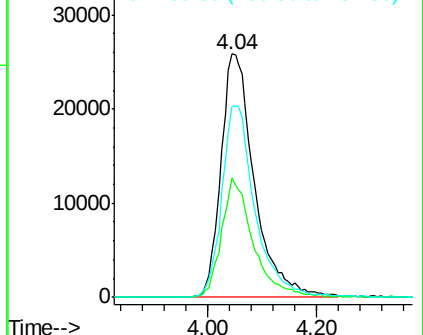
151 77.9 62.4 93.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.062 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

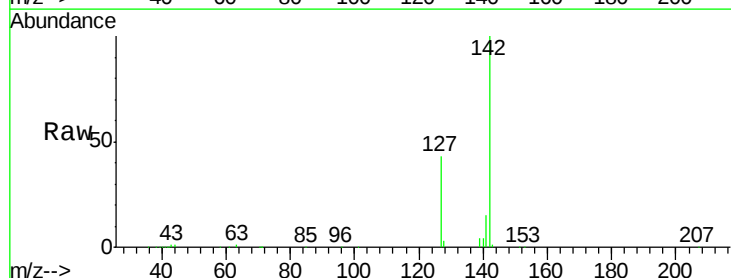
Tgt Ion:142 Resp: 165006

Ion Ratio Lower Upper

142 100

127 46.0 36.0 54.0

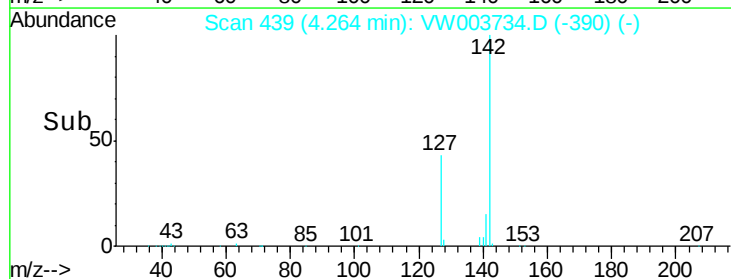
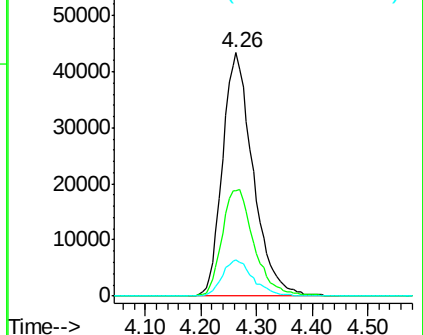
141 15.0 11.9 17.9

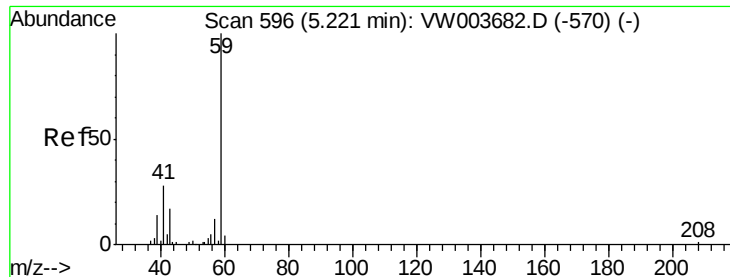


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



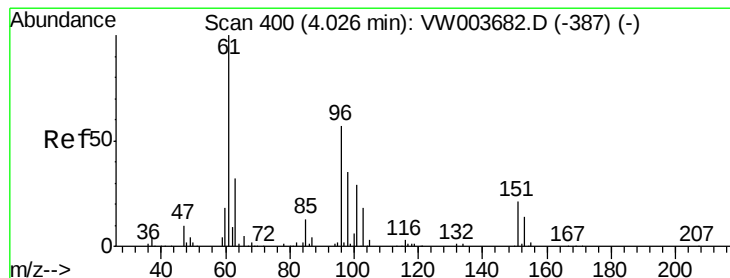
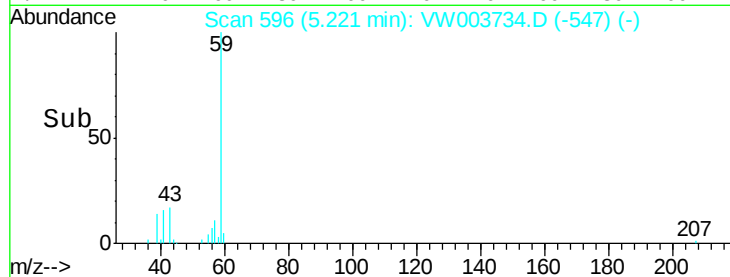
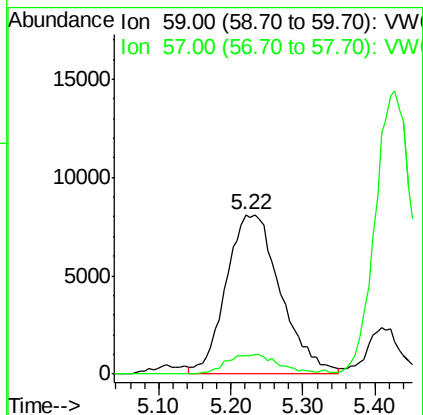
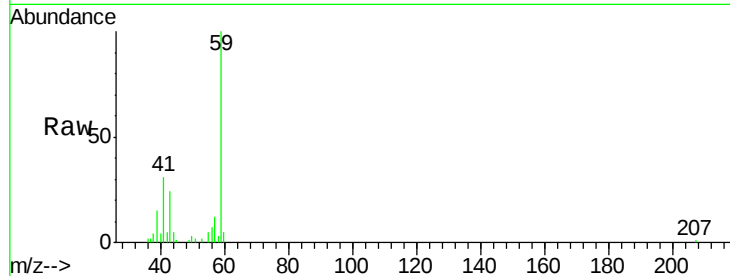


#11

Tert butyl alcohol
Concen: 266.705 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampled :

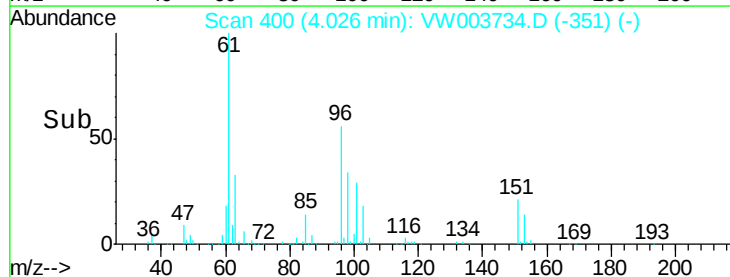
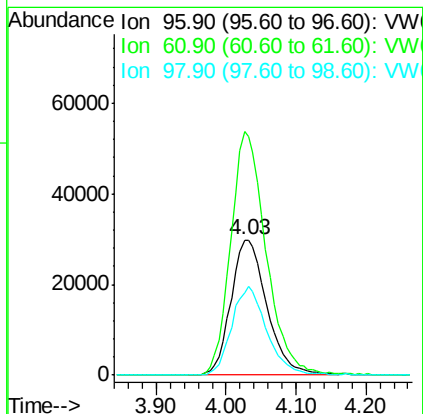
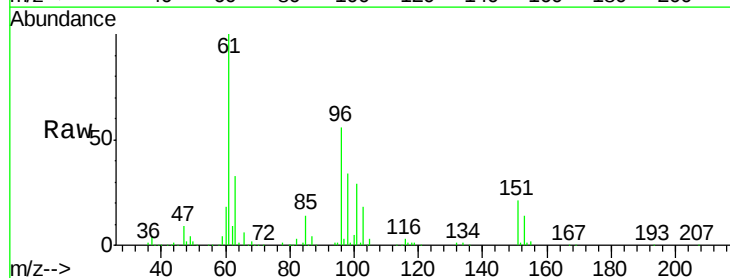
Tot Ion: 59 Resp: 42277
Ion Ratio Lower Upper
59 100
57 12.0 9.0 13.4

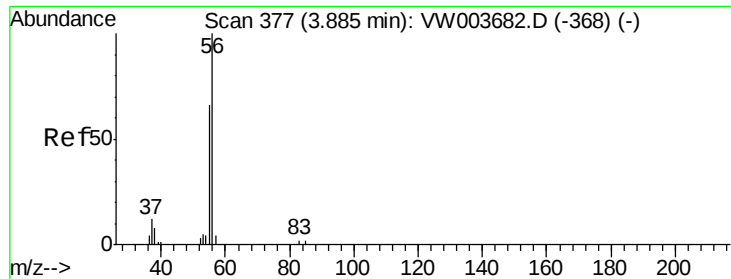


#12

1,1-Dichloroethene
Concen: 52.466 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 96 Resp: 106717
Ion Ratio Lower Upper
96 100
61 180.0 140.6 211.0
98 61.2 49.4 74.0





#13

Acrolein

Concen: 288.576 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

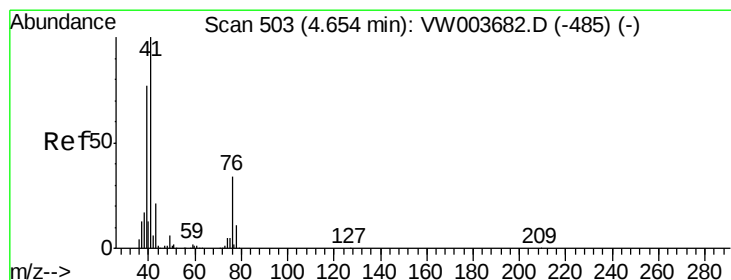
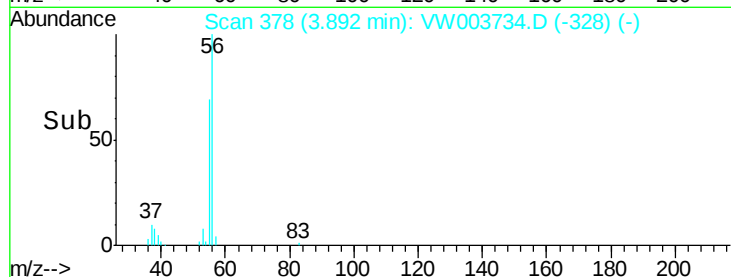
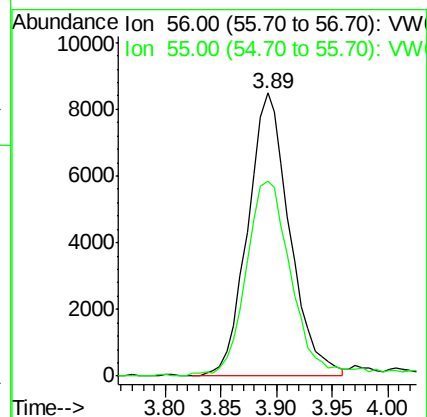
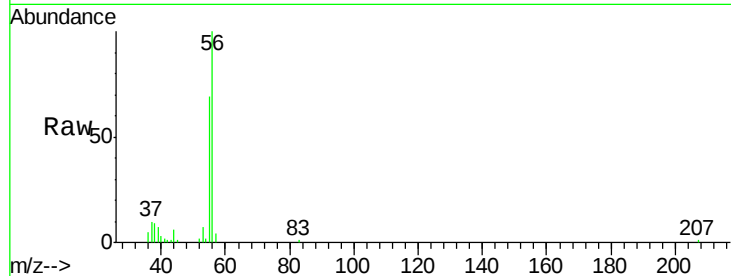
ClientSampleId :

Tot Ion: 56 Resp: 22196

Ion Ratio Lower Upper

56 100

55 73.8 54.7 82.1



#14

Allyl chloride

Concen: 52.149 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

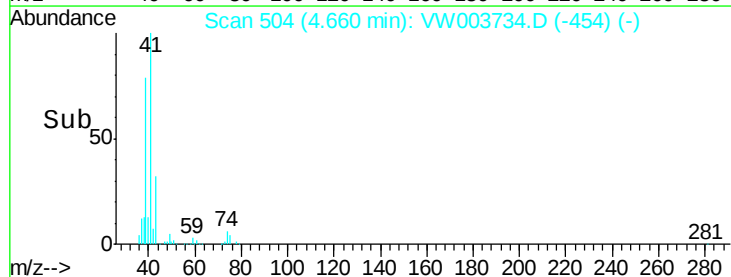
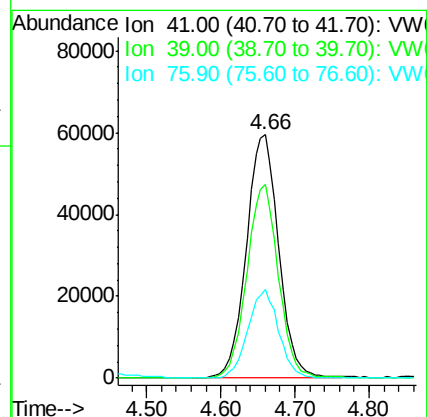
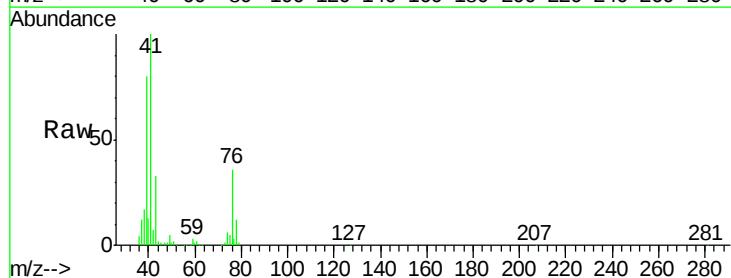
Tgt Ion: 41 Resp: 181413

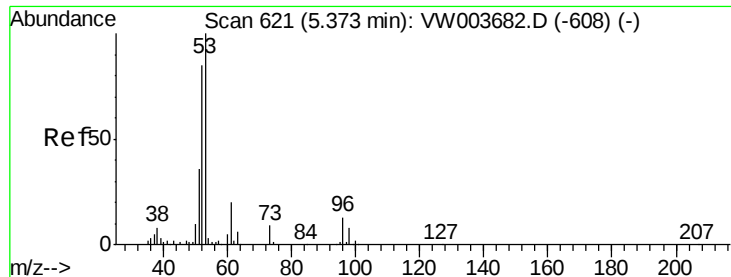
Ion Ratio Lower Upper

41 100

39 77.7 60.1 90.1

76 34.1 27.2 40.8





#15

Acrylonitrile

Concen: 290.430 ug/l

RT: 5.37 min Scan# 621

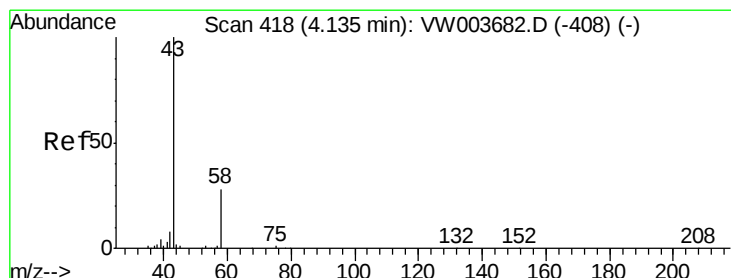
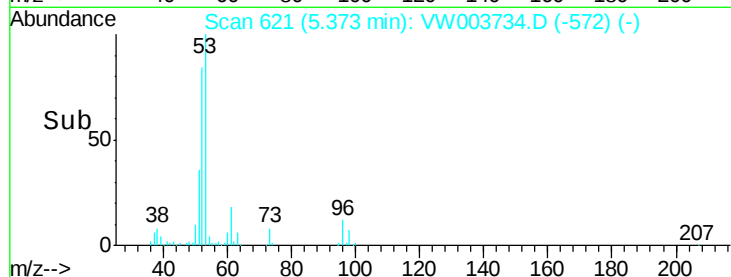
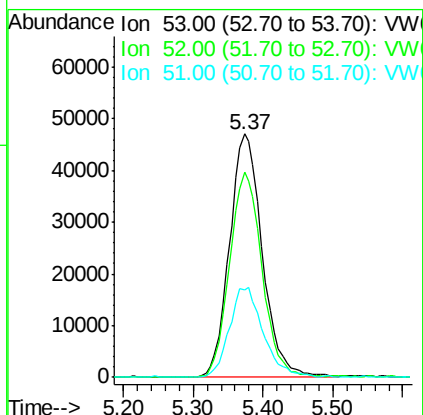
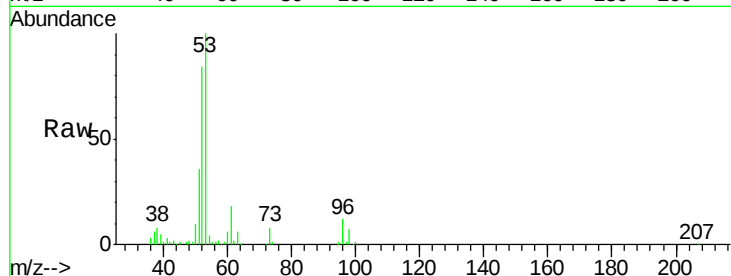
Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	53	Resp:	153057
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	38.3	30.2	45.4



#16

Acetone

Concen: 221.596 ug/l

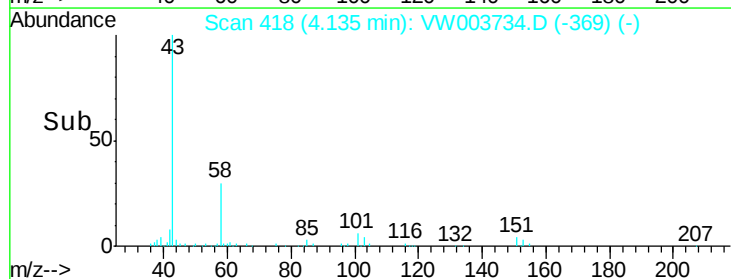
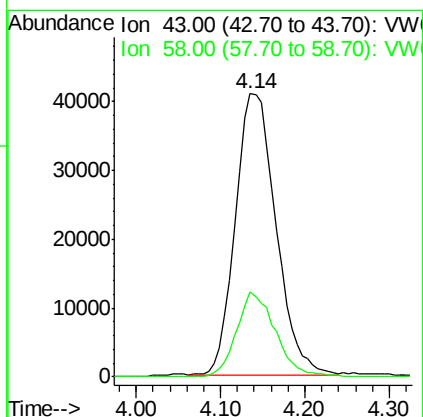
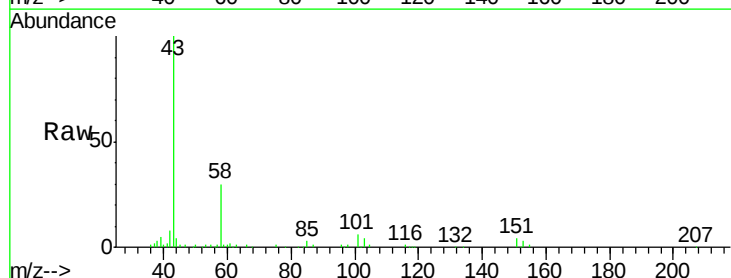
RT: 4.14 min Scan# 418

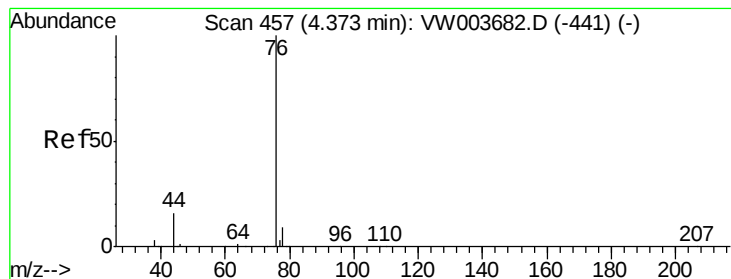
Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion:	43	Resp:	134000
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.7	34.1





#17

Carbon Disulfide

Concen: 54.945 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

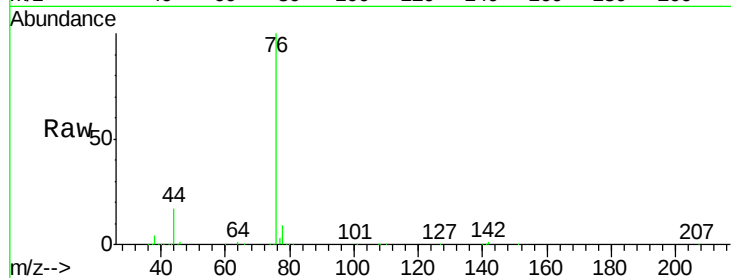
ClientSampleId :

Tot Ion: 76 Resp: 335506

Ion Ratio Lower Upper

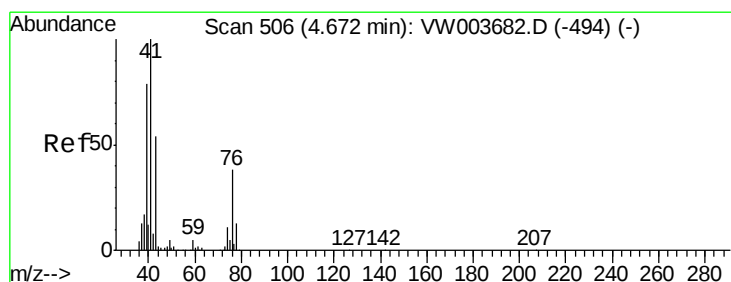
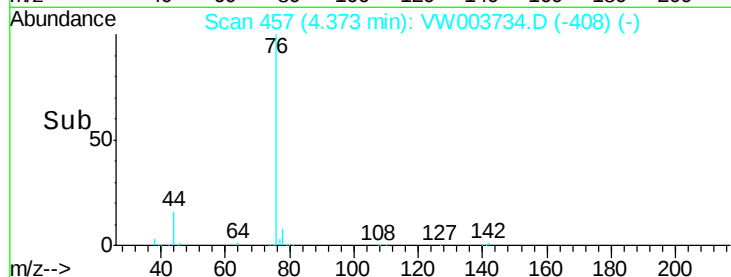
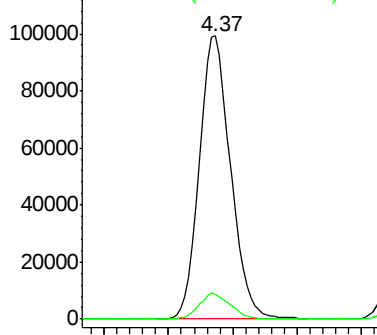
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 56.717 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003734.D

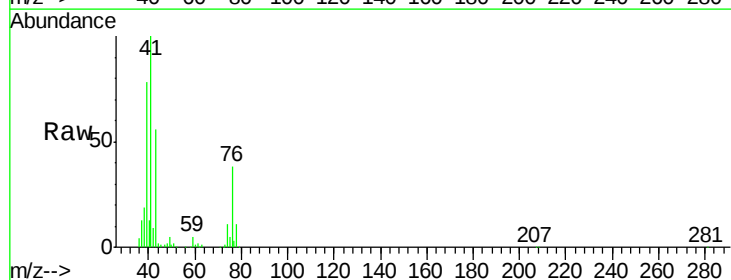
Acq: 05 Jul 2018 20:54

Tgt Ion: 43 Resp: 74646

Ion Ratio Lower Upper

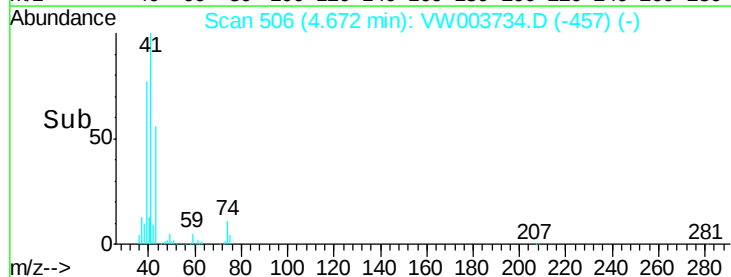
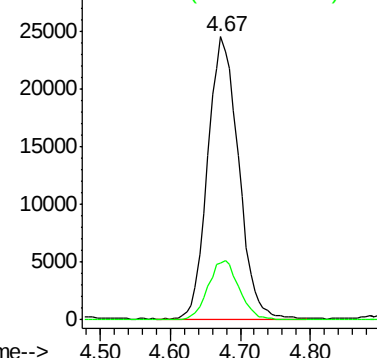
43 100

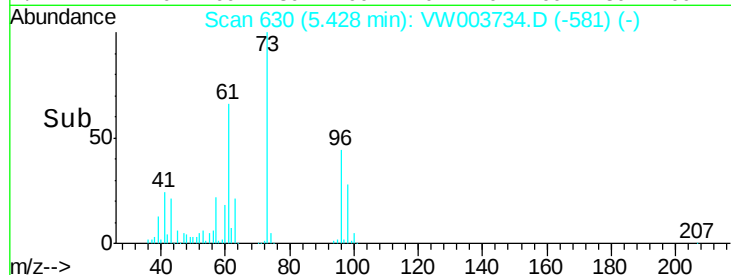
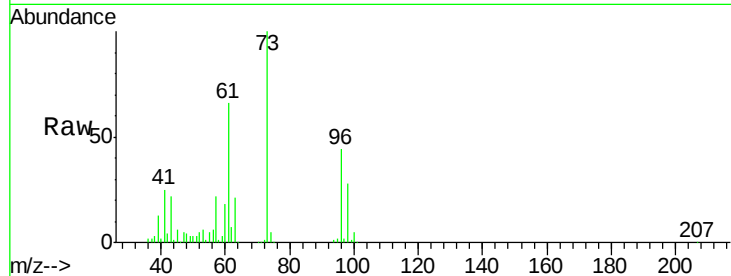
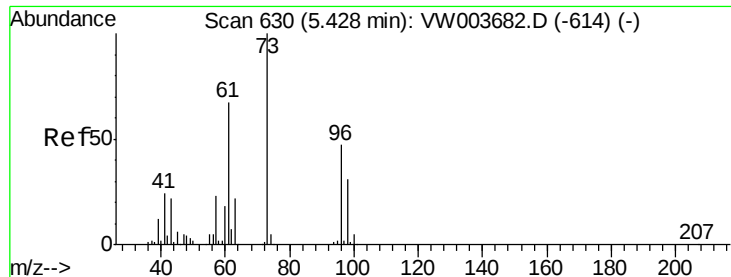
74 21.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

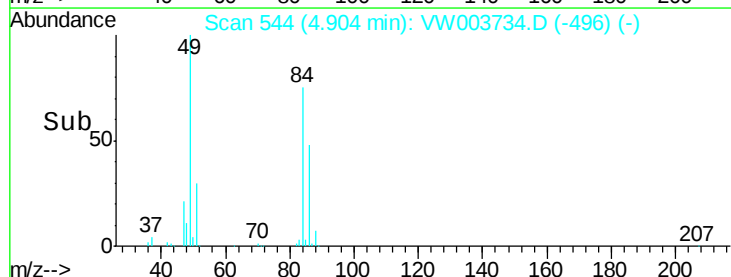
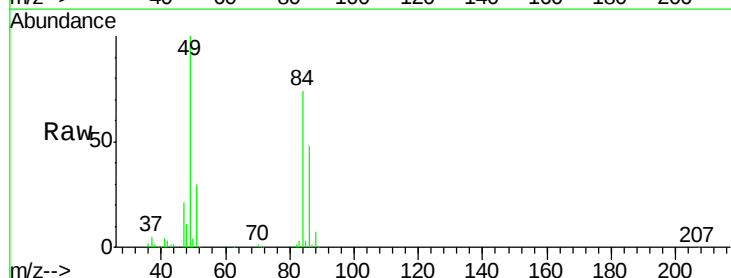
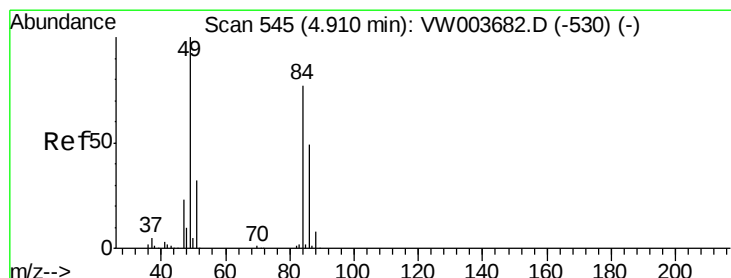
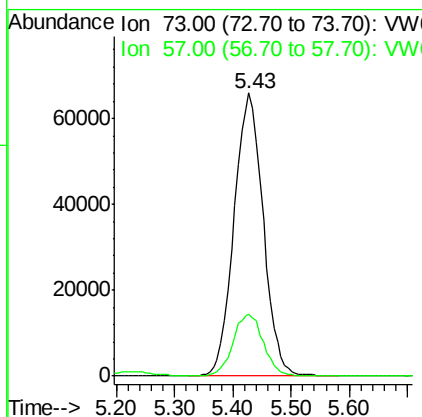
Ion 74.00 (73.70 to 74.70): VW





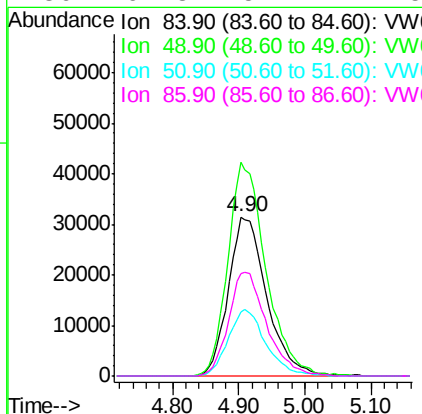
#19
Methyl tert-butyl Ether
Concen: 57.701 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

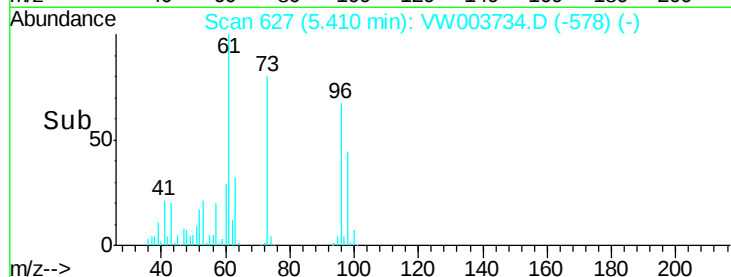
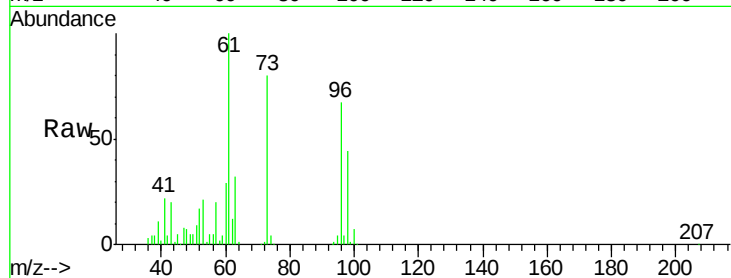
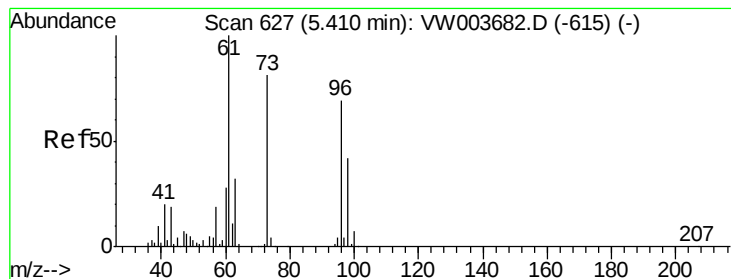
Tot Ion: 73 Resp: 229249
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1



#20
Methylene Chloride
Concen: 54.825 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 84 Resp: 126261
Ion Ratio Lower Upper
84 100
49 134.5 104.6 156.8
51 40.0 33.2 49.8
86 64.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 54.912 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

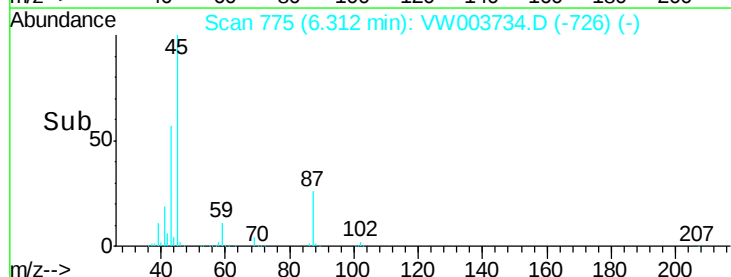
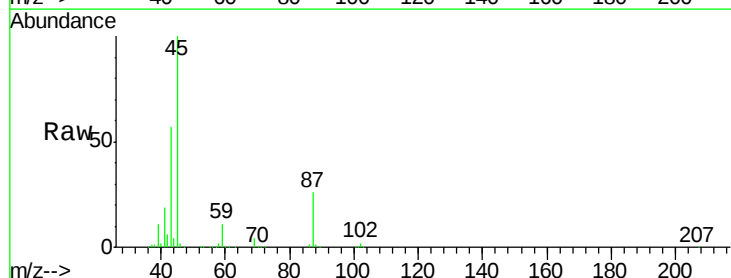
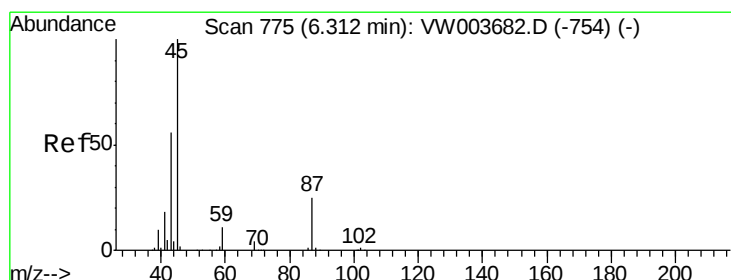
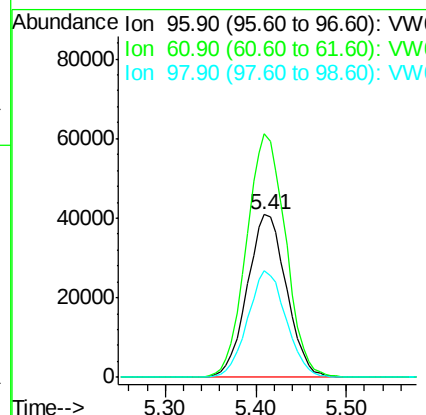
Tot Ion: 96 Resp: 122327

Ion Ratio Lower Upper

96 100

61 149.8 116.8 175.2

98 65.9 49.6 74.4



#22

Diisopropyl ether

Concen: 57.617 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion: 45 Resp: 410945

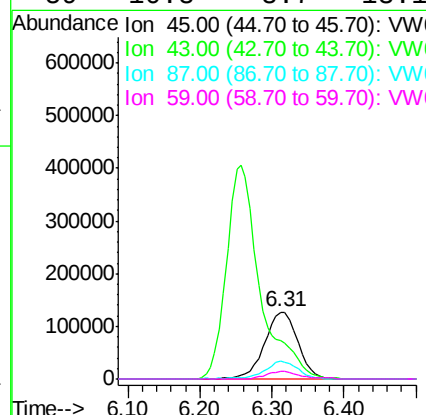
Ion Ratio Lower Upper

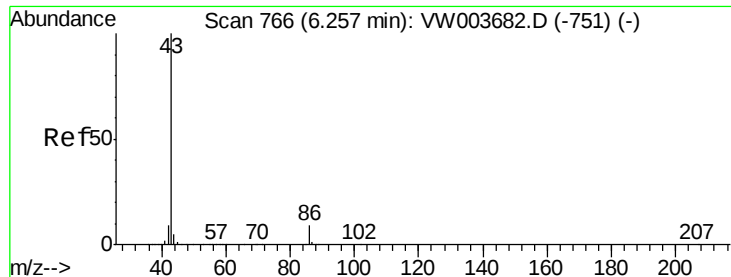
45 100

43 56.6 44.5 66.7

87 26.1 20.2 30.4

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 271.722 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

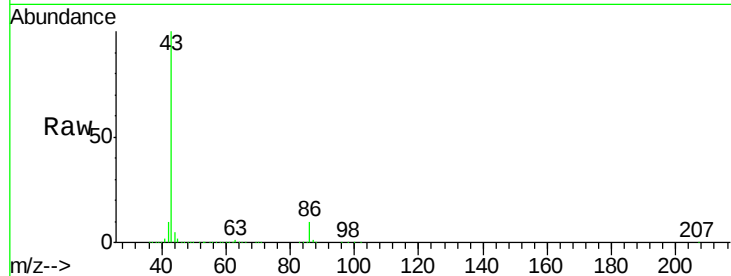
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1320177

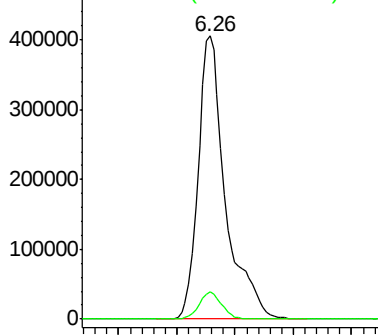
Ion Ratio Lower Upper

43 100

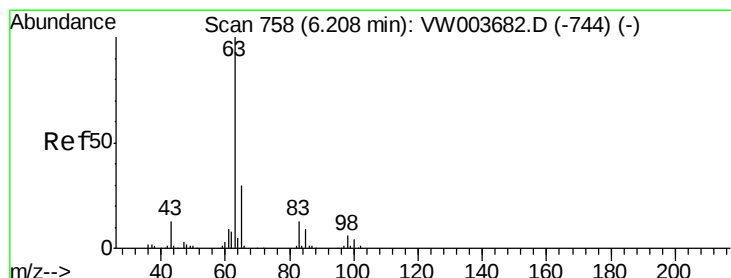
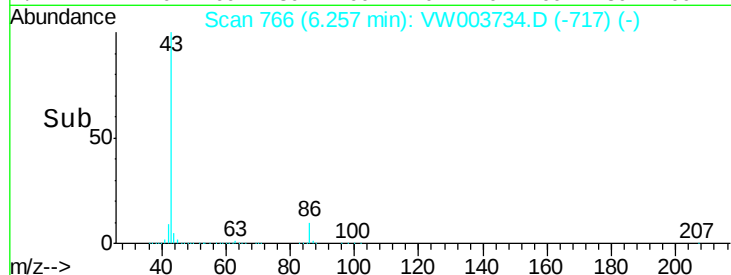
86 9.5 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 54.920 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

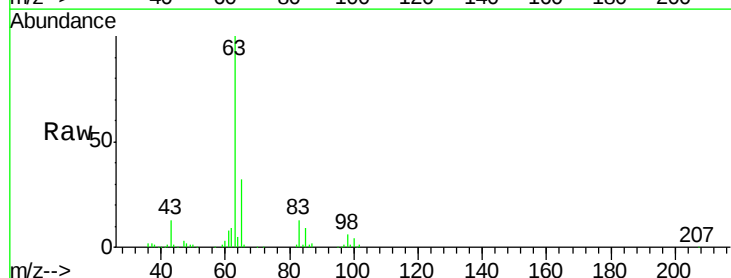
Tgt Ion: 63 Resp: 233593

Ion Ratio Lower Upper

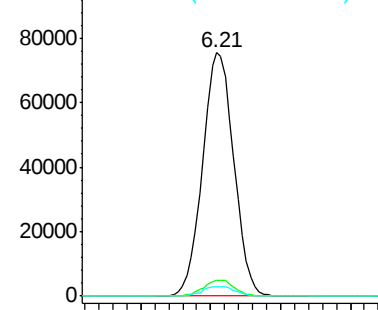
63 100

98 6.3 2.9 8.6

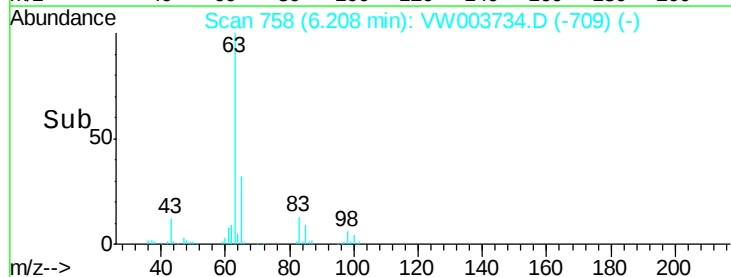
100 3.9 1.9 5.7

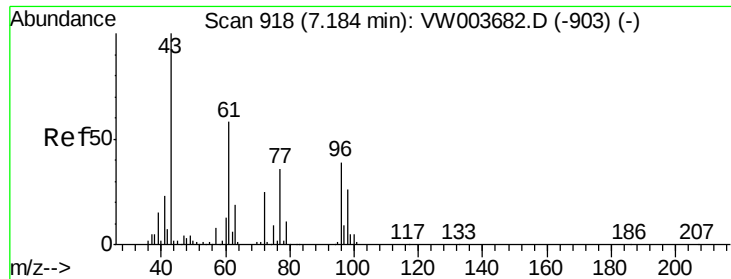


Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 280.909 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

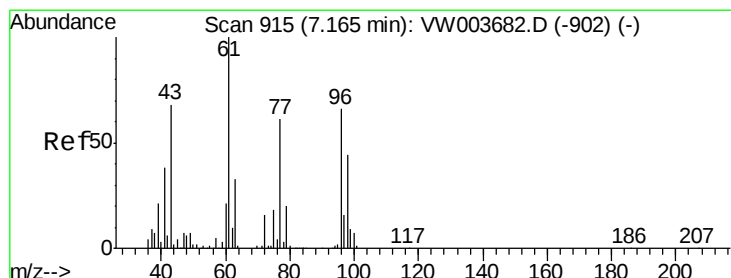
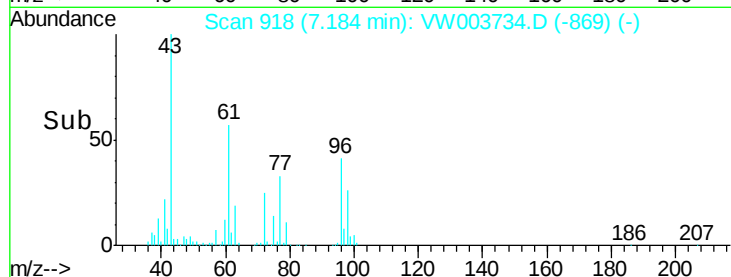
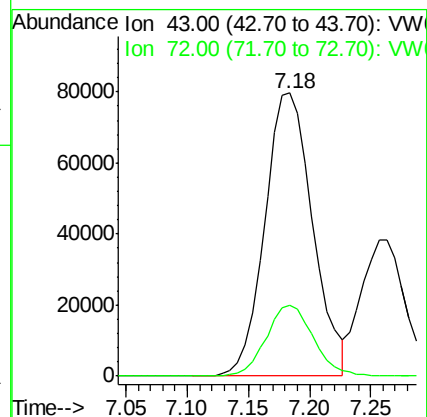
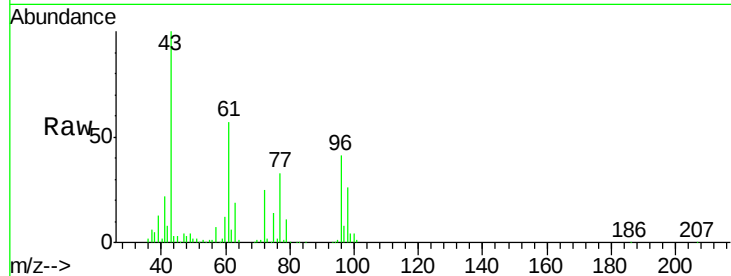
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 217506

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 47.112 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003734.D

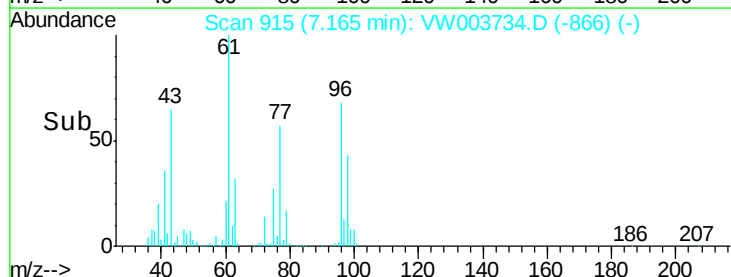
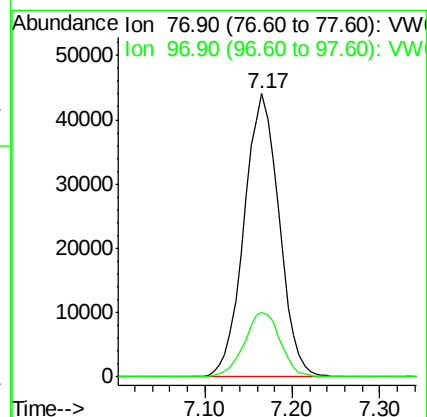
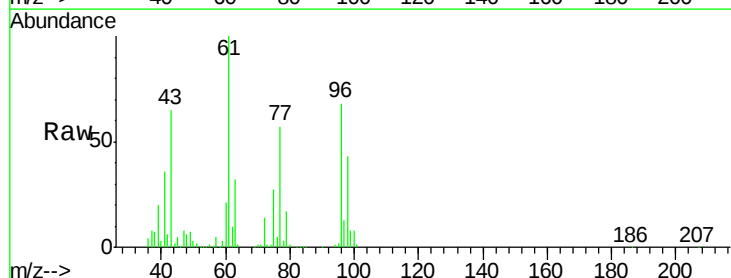
Acq: 05 Jul 2018 20:54

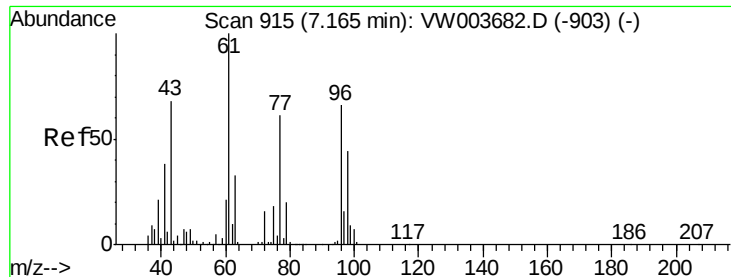
Tgt Ion: 77 Resp: 122865

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



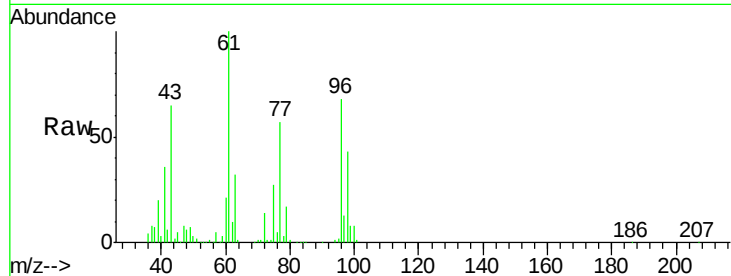


#27

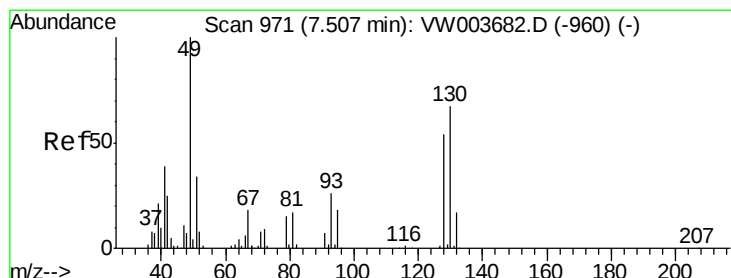
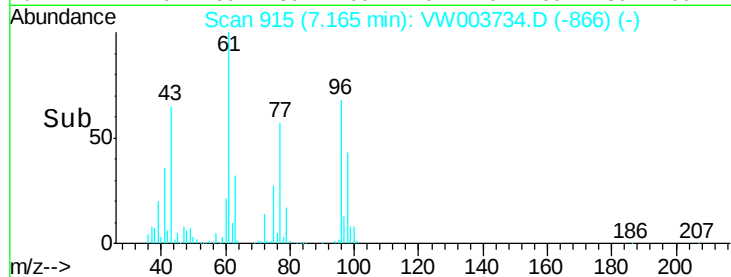
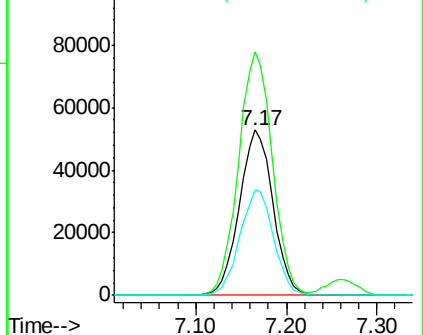
cis-1,2-Dichloroethene
Concen: 55.929 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	96	Resp	135679
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	305.0
98	64.0	0.0	129.6



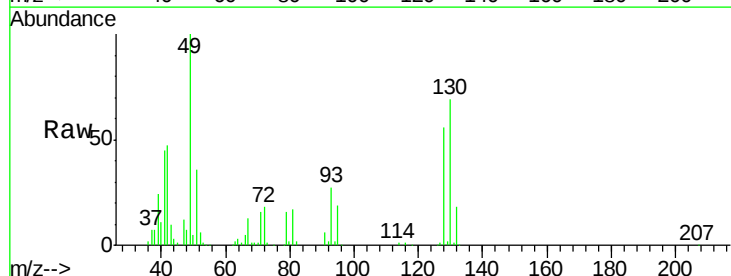
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



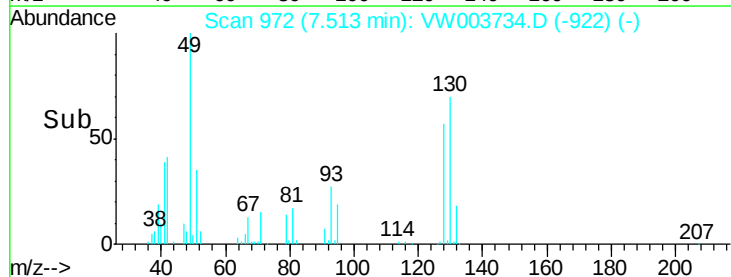
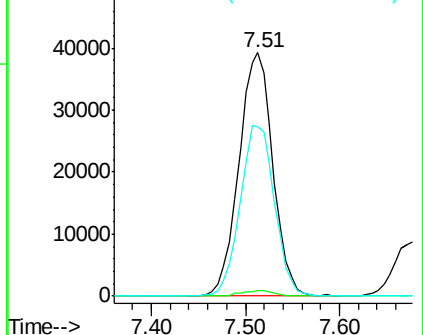
#28

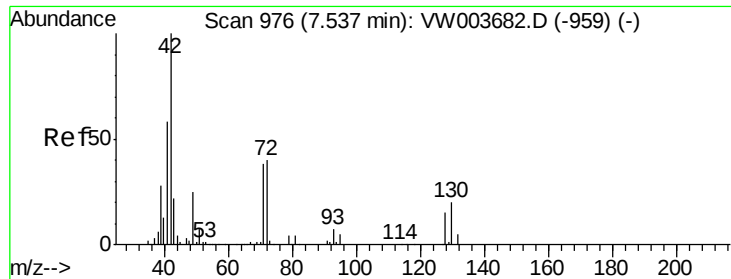
Bromochloromethane
Concen: 52.769 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	49	Resp	98660
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.0
130	71.3	57.0	85.6



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

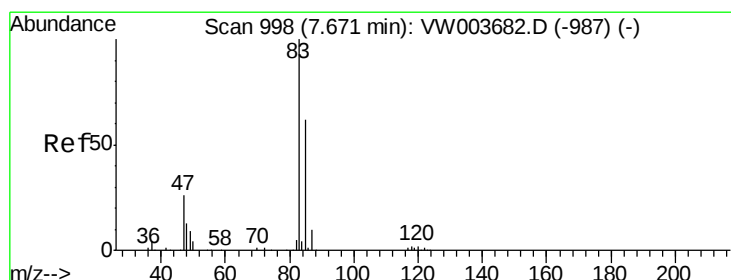
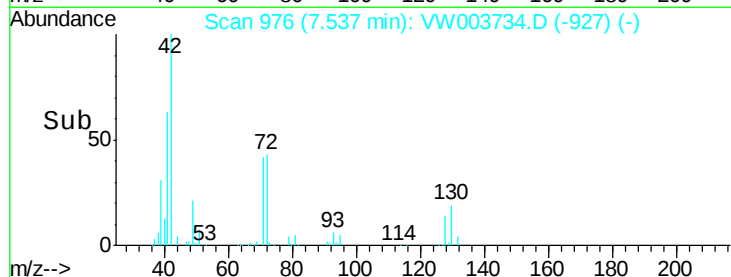
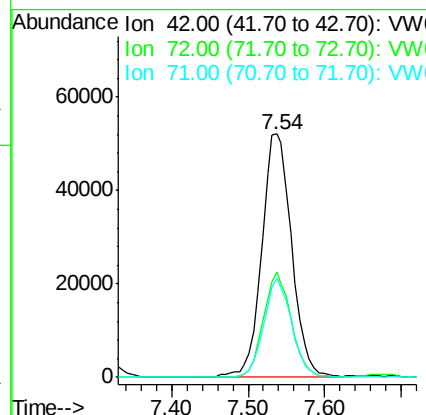
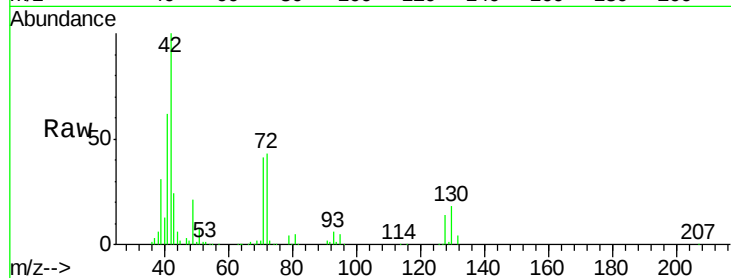




#29
Tetrahydrofuran
Concen: 305.878 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

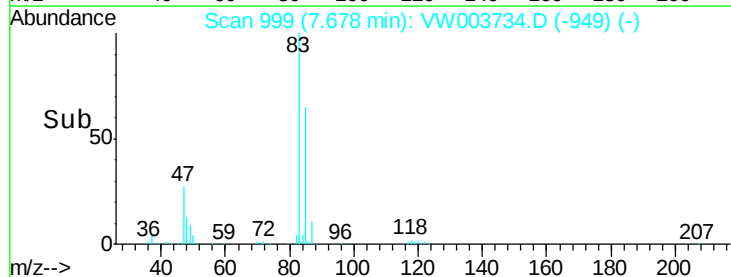
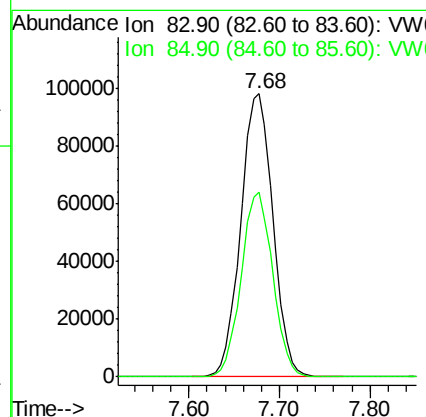
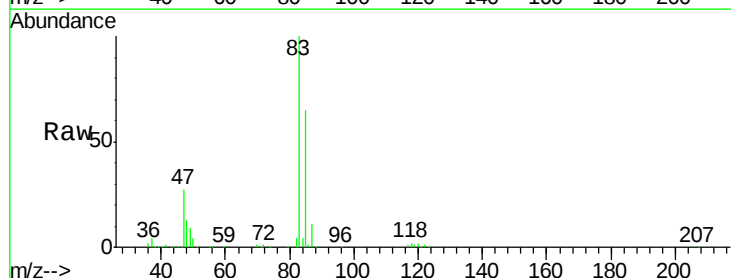
Instrument :
MSVOA_W
ClientSampled :

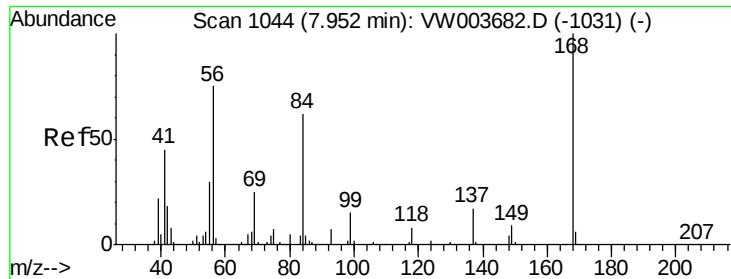
Tot Ion: 42 Resp: 141973
Ion Ratio Lower Upper
42 100
72 40.3 32.0 48.0
71 38.0 30.2 45.2



#30
Chloroform
Concen: 55.960 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 83 Resp: 240675
Ion Ratio Lower Upper
83 100
85 65.5 49.7 74.5

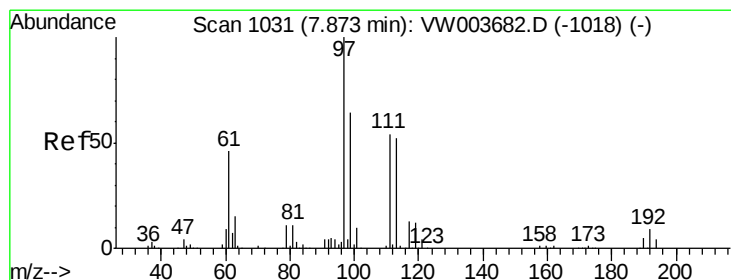
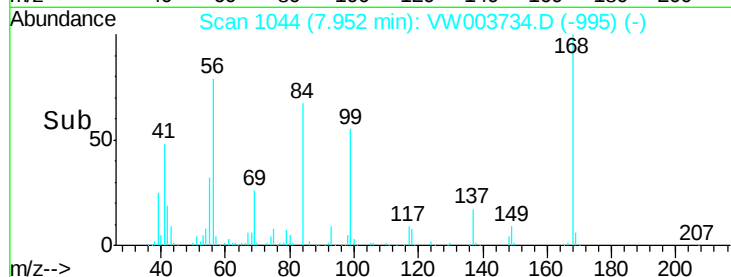
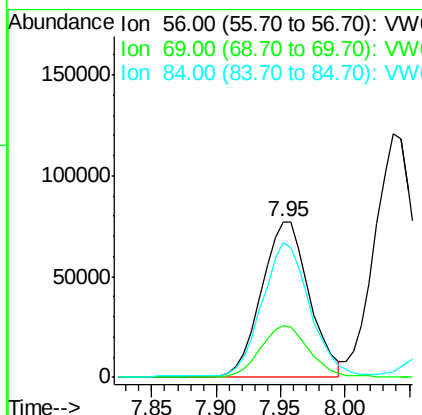
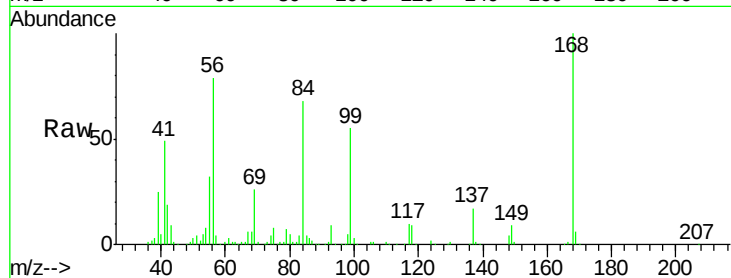




#31
Cyclohexane
Concen: 51.184 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

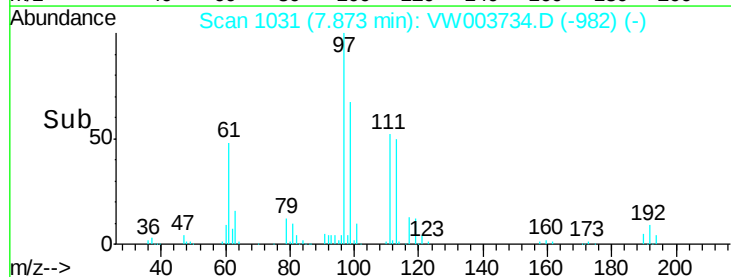
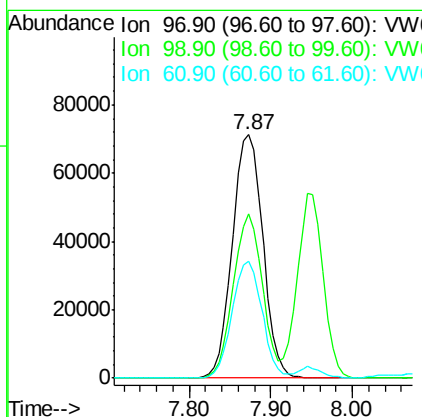
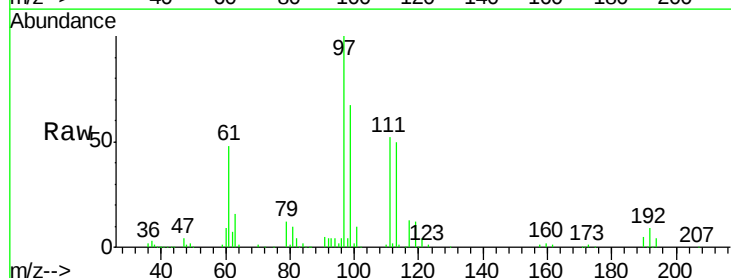
Instrument :
MSVOA_W
ClientSampled :

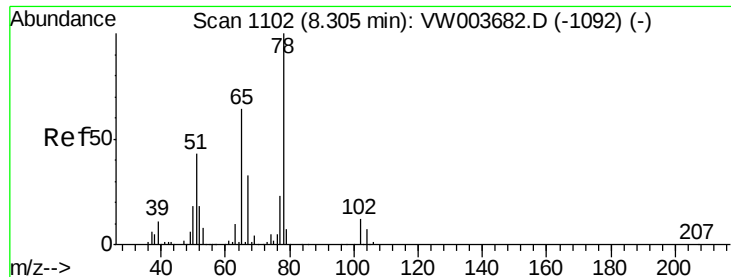
Tot Ion: 56 Resp: 198222
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.4
84 85.4 65.4 98.0



#32
1,1,1-Trichloroethane
Concen: 54.942 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 97 Resp: 183947
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 47.1 37.2 55.8

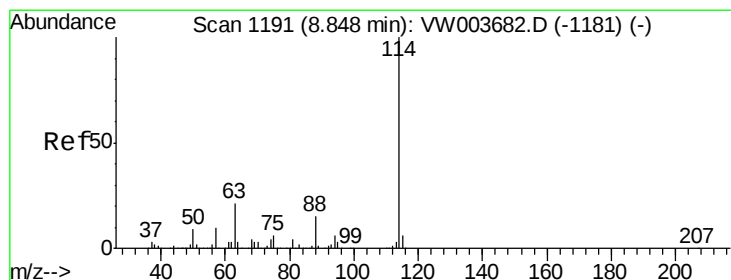
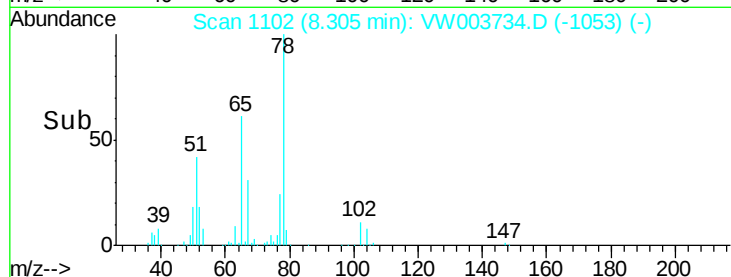
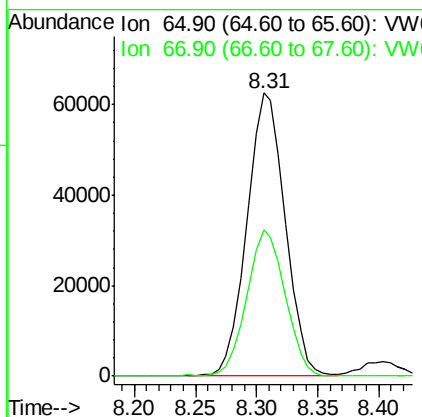
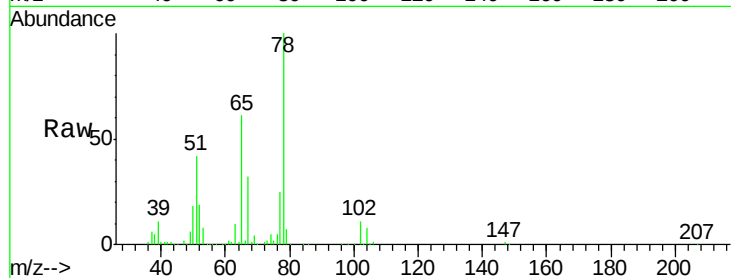




#33
 1,2-Dichloroethane-d4
 Concen: 53.687 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

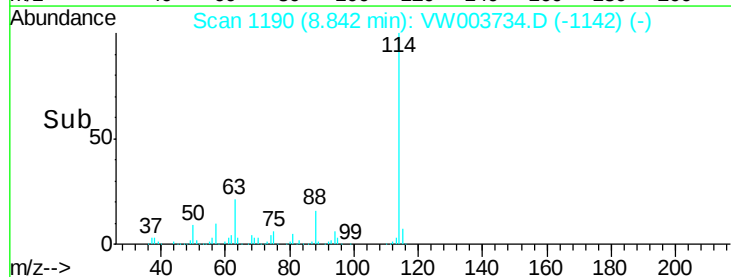
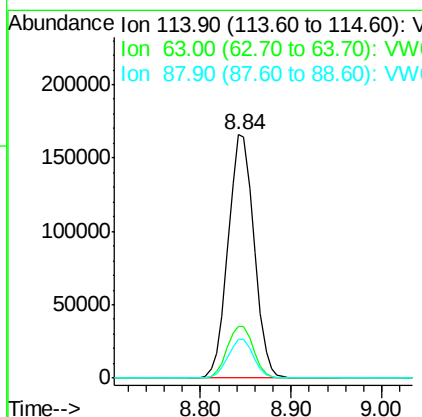
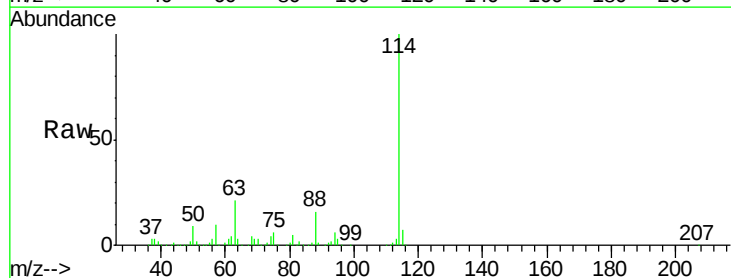
Instrument :
 MSVOA_W
 ClientSampleId :

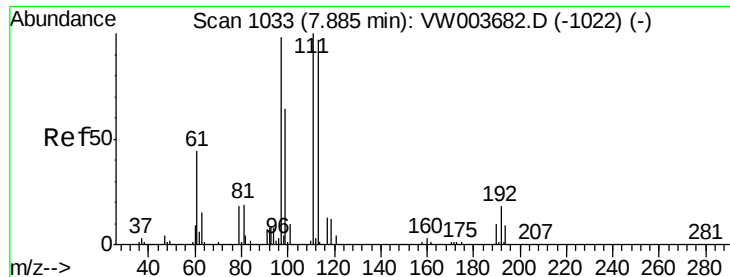
Tot Ion: 65 Resp: 136002
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion: 114 Resp: 329238
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.6
 88 15.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 53.098 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

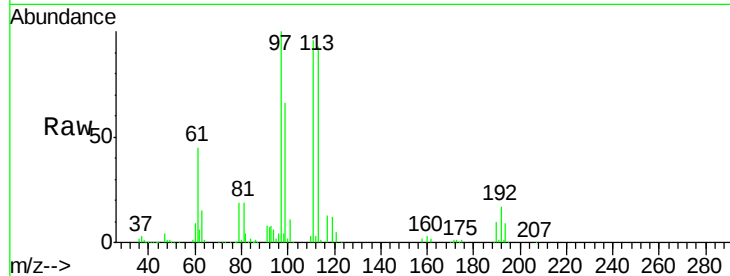
Tot Ion:113 Resp: 114017

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

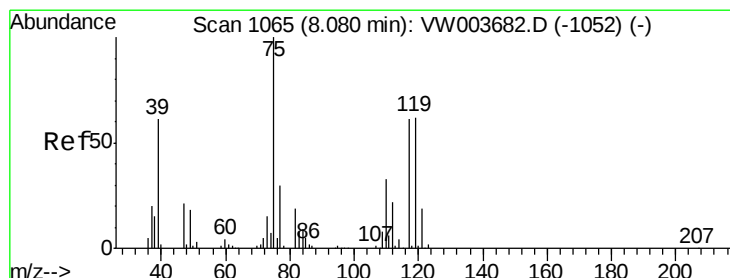
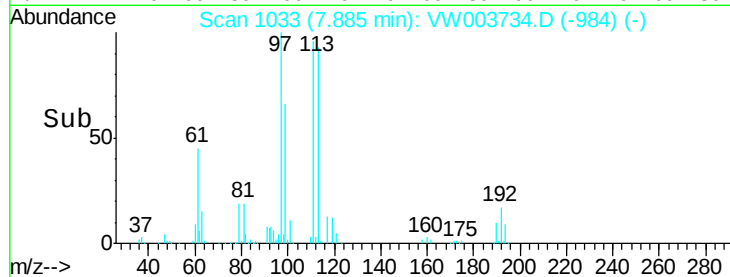
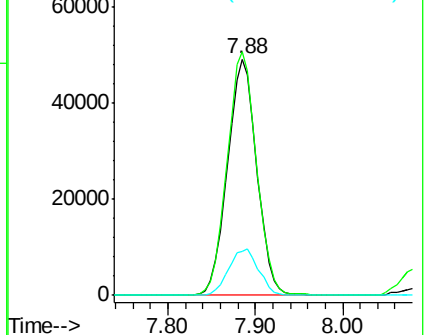
192 20.2 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 56.954 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

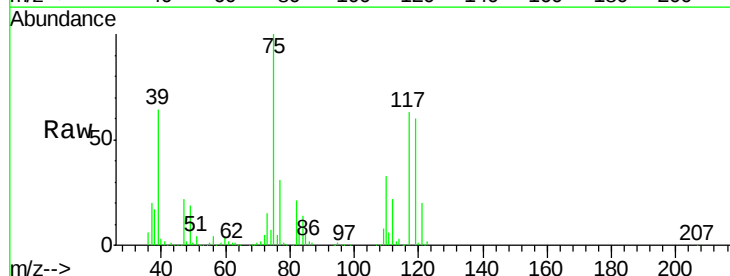
Tgt Ion: 75 Resp: 188234

Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.6

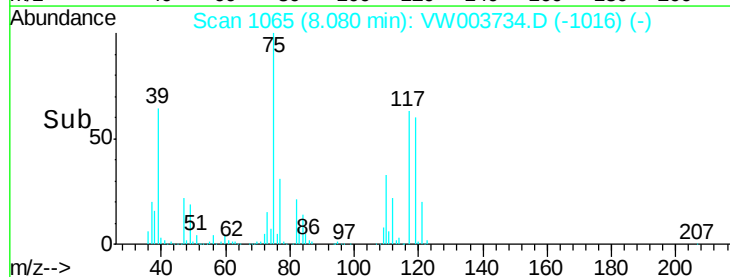
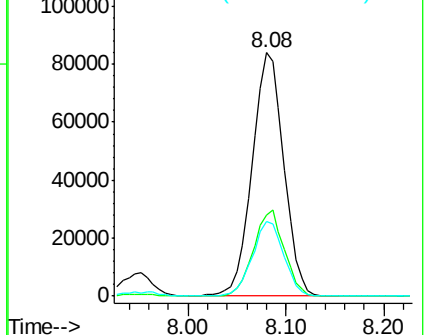
77 30.7 24.9 37.3

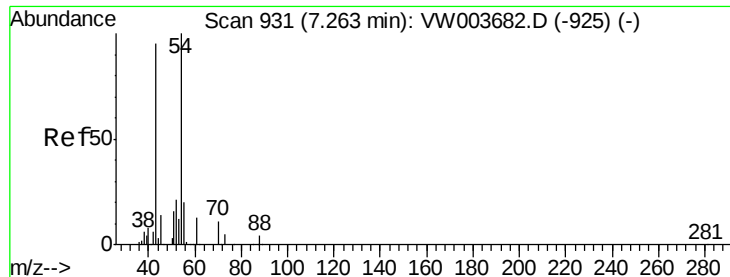


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

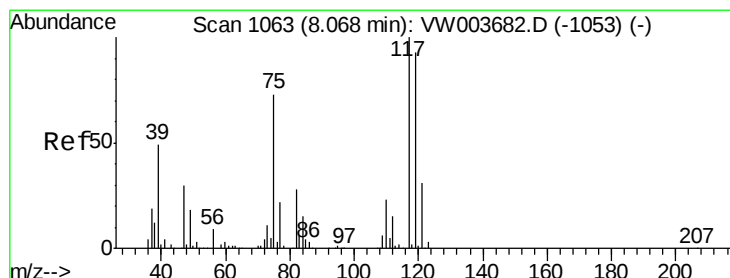
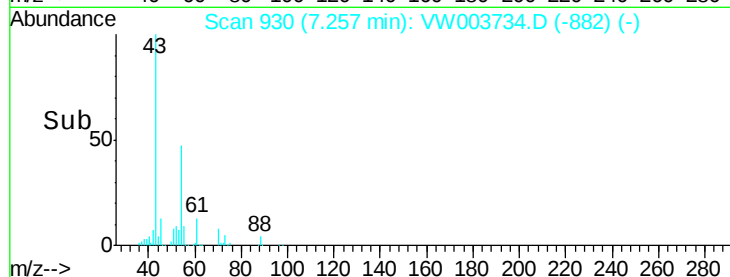
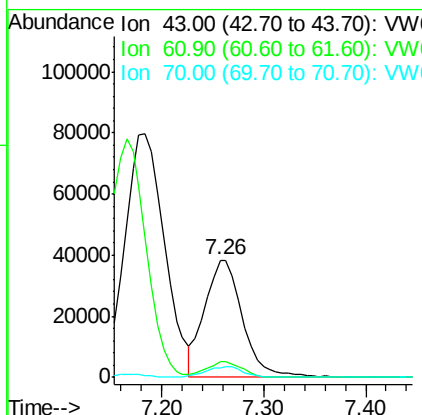
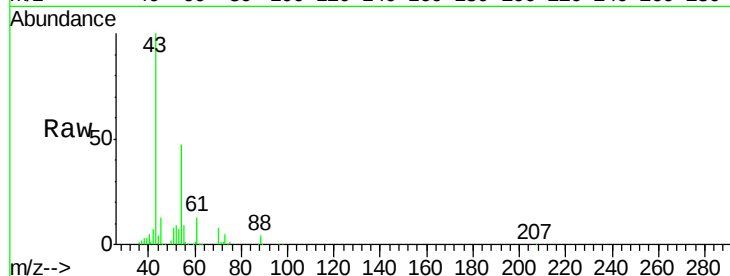




#37
Ethyl Acetate
Concen: 61.178 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

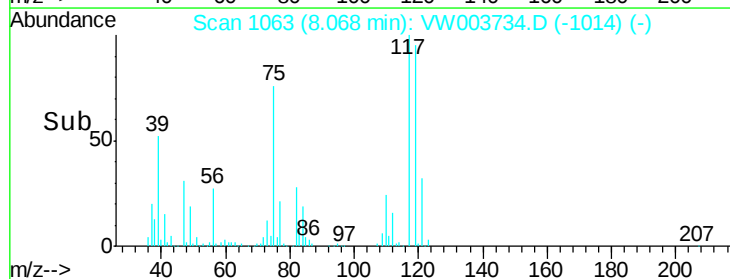
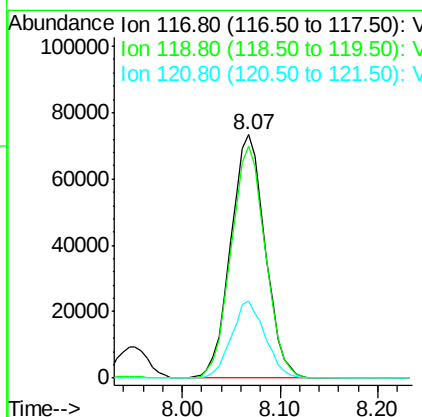
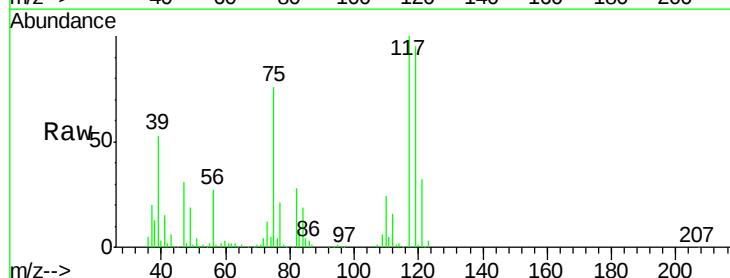
Instrument :
MSVOA_W
ClientSampled :

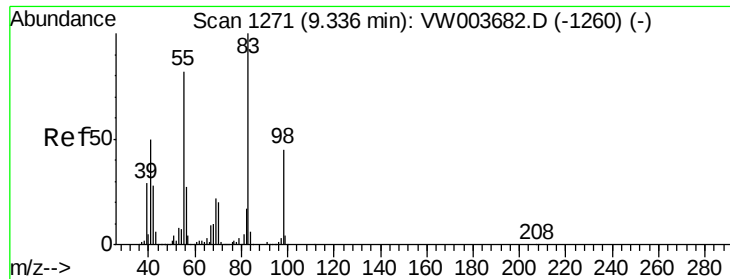
Tot Ion: 43 Resp: 98419
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 56.833 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 117 Resp: 178683
Ion Ratio Lower Upper
117 100
119 95.2 74.1 111.1
121 31.7 25.0 37.4

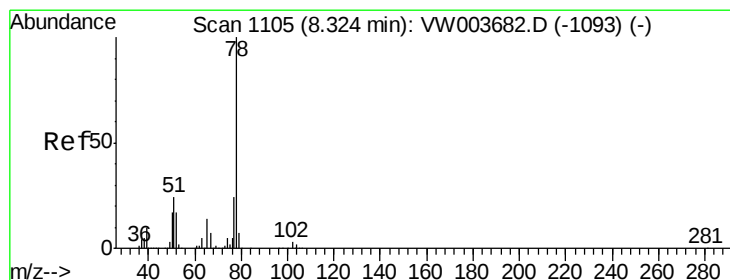
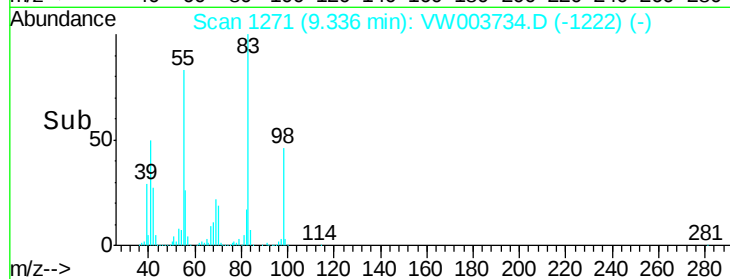
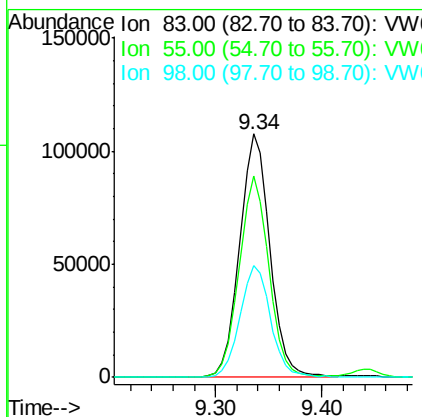
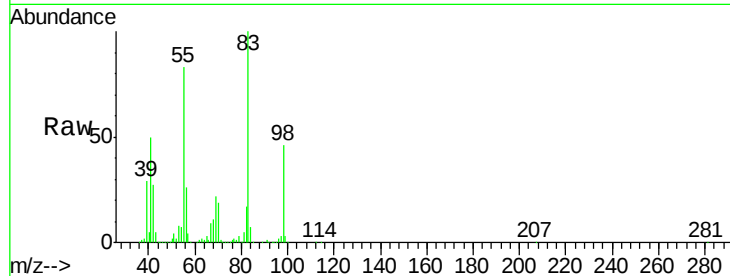




#39
Methvlcvclohexane
Concen: 56.674 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

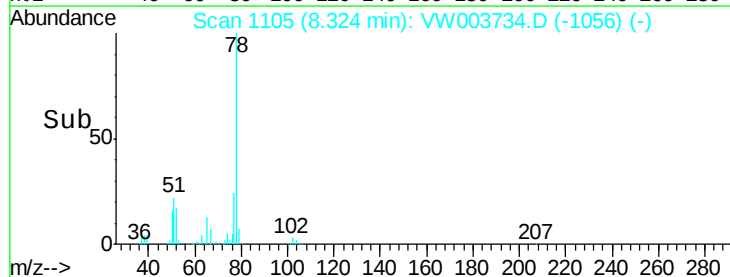
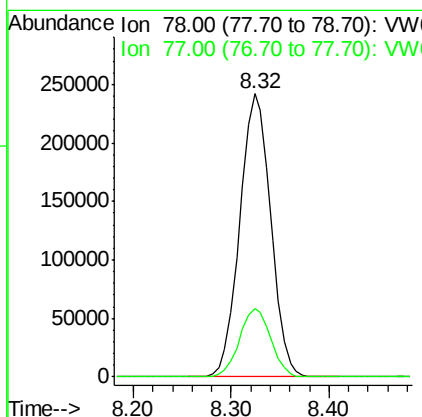
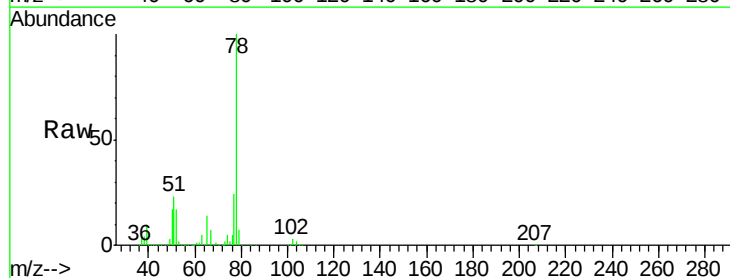
Instrument :
MSVOA_W
ClientSampleId :

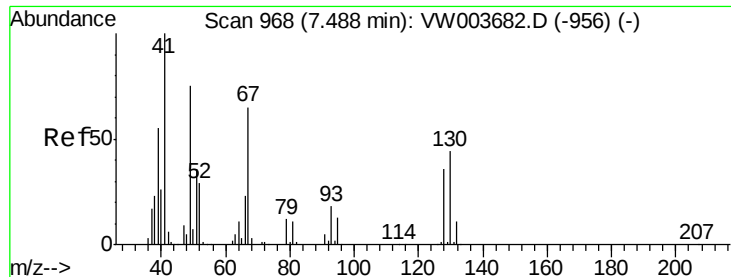
Tot Ion	83	Resp	215699
Ion	Ratio	Lower	Upper
83	100		
55	82.5	65.3	97.9
98	46.1	36.3	54.5



#40
Benzene
Concen: 57.117 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion	78	Resp	530578
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0

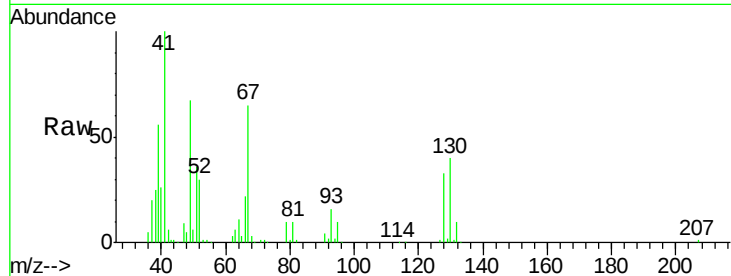




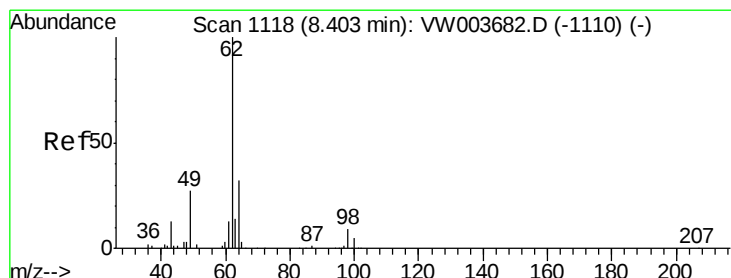
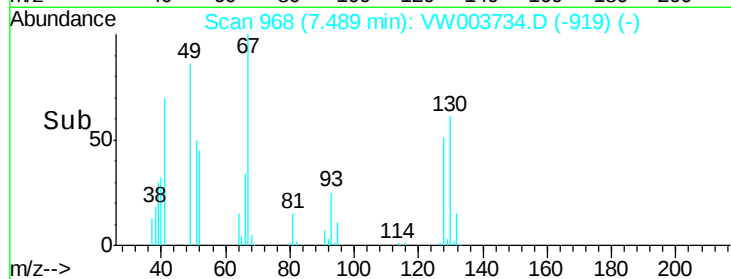
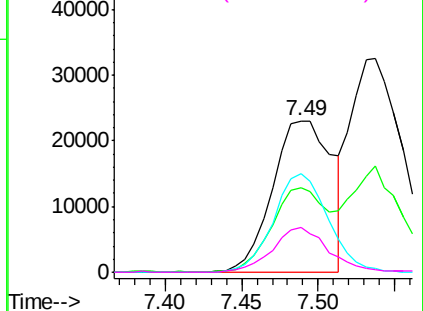
#41
Methacrylonitrile
Concen: 68.717 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	62835
Ion	Ratio	Lower	Upper
41	100		
39	49.1	47.8	71.8
67	59.7	53.9	80.9
52	27.9	25.0	37.6

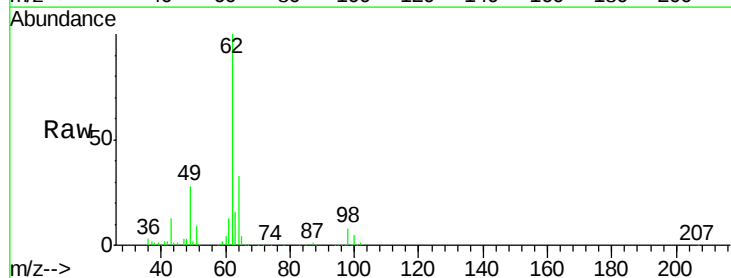


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

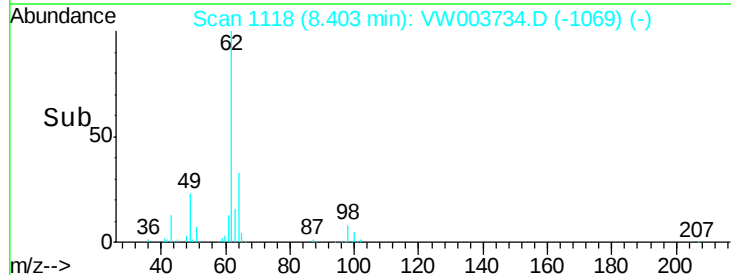
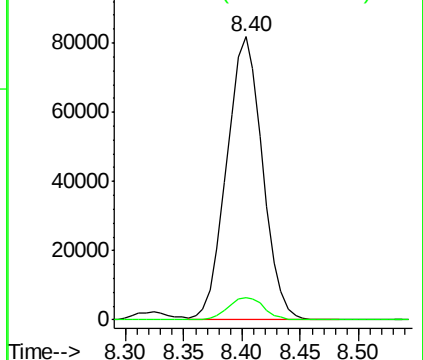


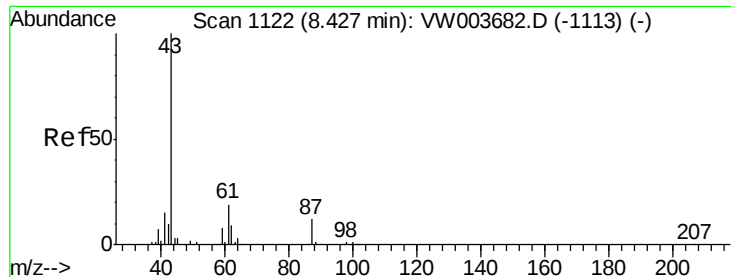
#42
1,2-Dichloroethane
Concen: 59.727 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion:	62	Resp:	174696
Ion	Ratio	Lower	Upper
62	100		
98	8.1	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: 61.277 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

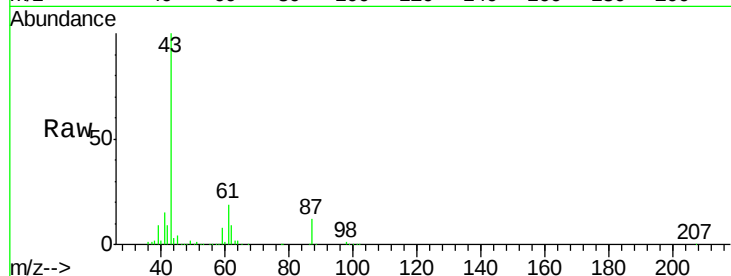
Tot Ion: 43 Resp: 185662

Ion Ratio Lower Upper

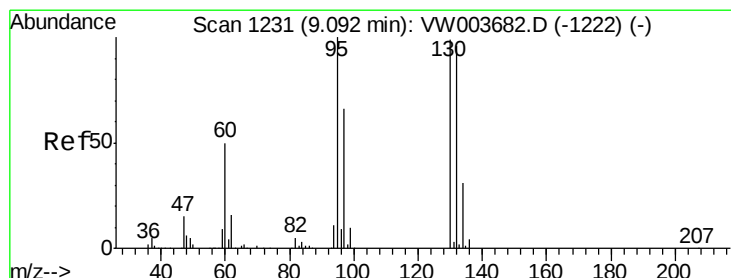
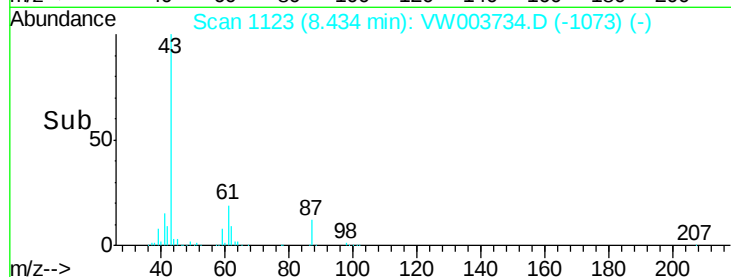
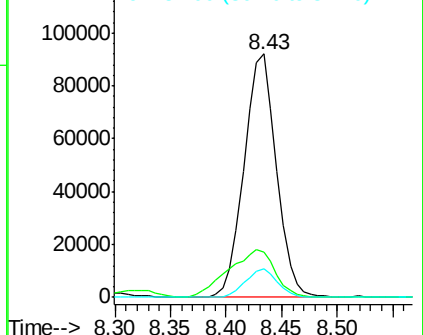
43 100

61 28.3 23.0 34.6

87 11.7 9.8 14.6



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



#44

Trichloroethene

Concen: 55.737 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003734.D

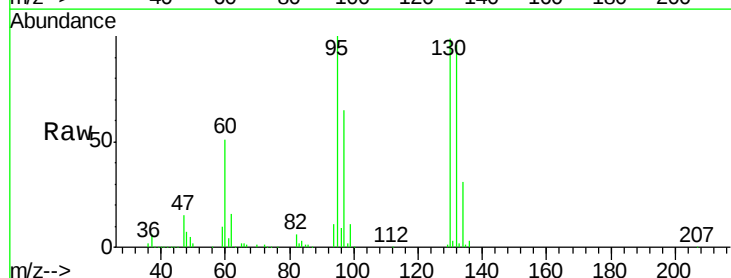
Acq: 05 Jul 2018 20:54

Tgt Ion: 130 Resp: 133845

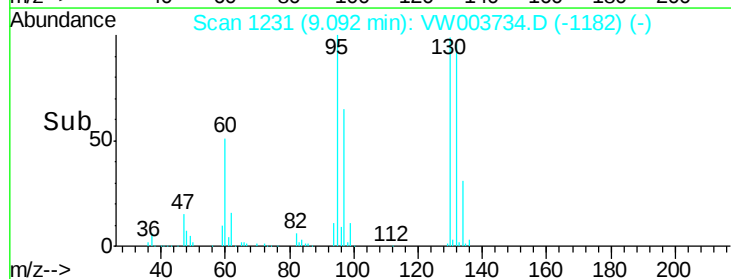
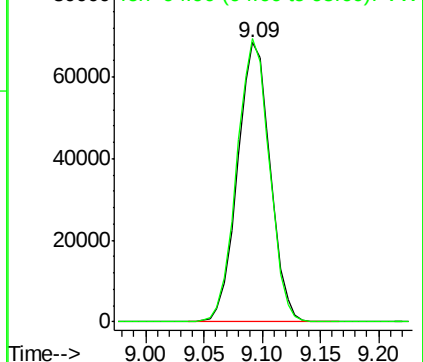
Ion Ratio Lower Upper

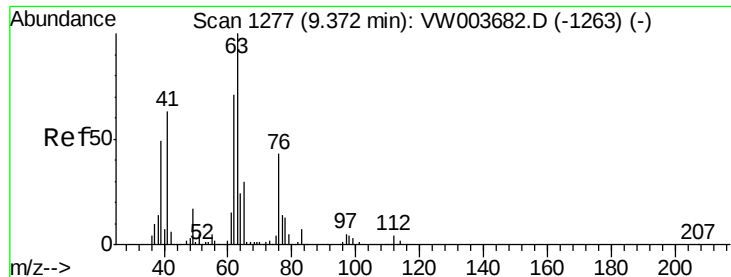
130 100

95 101.3 0.0 202.6



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





#45

1,2-Dichloropropane

Concen: 57.545 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

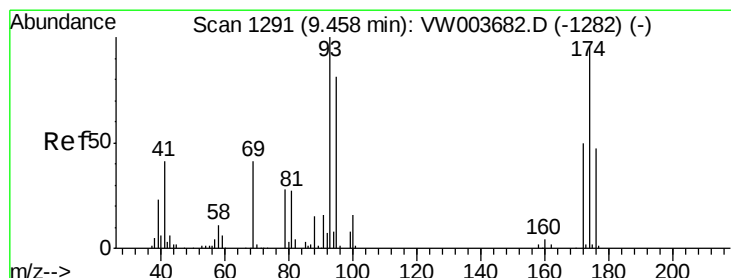
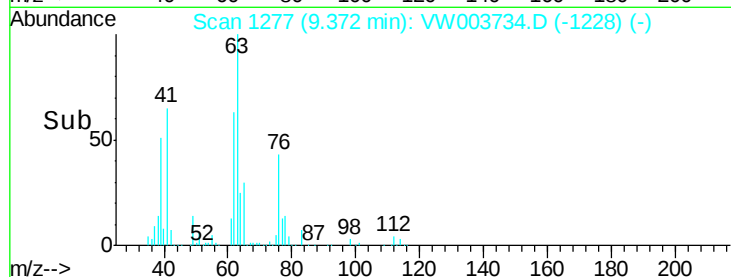
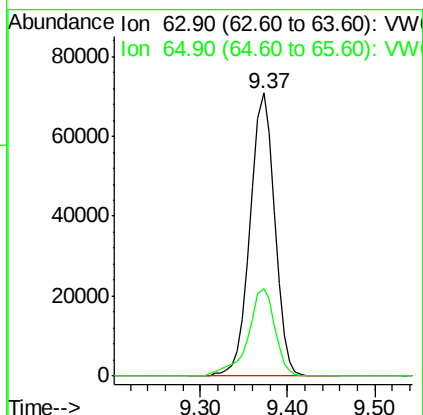
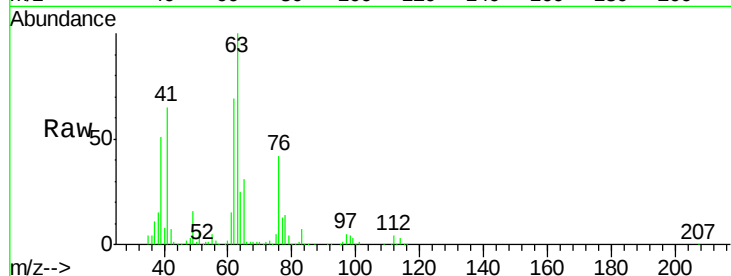
ClientSampled :

Tot Ion: 63 Resp: 138668

Ion Ratio Lower Upper

63 100

65 31.1 24.3 36.5



#46

Dibromomethane

Concen: 60.271 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

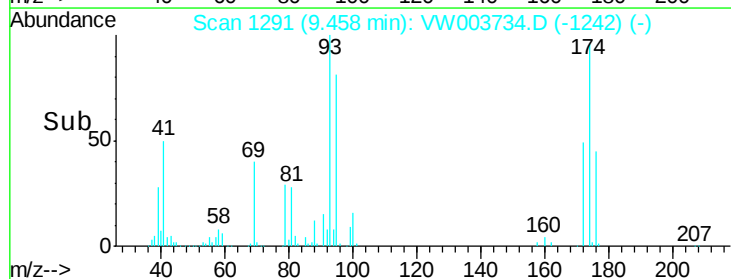
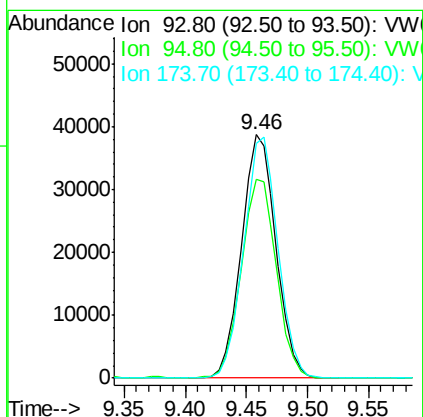
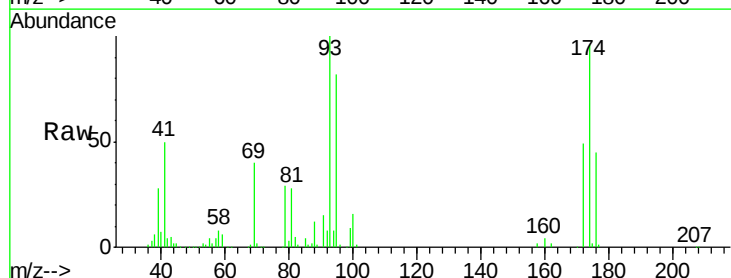
Tgt Ion: 93 Resp: 75426

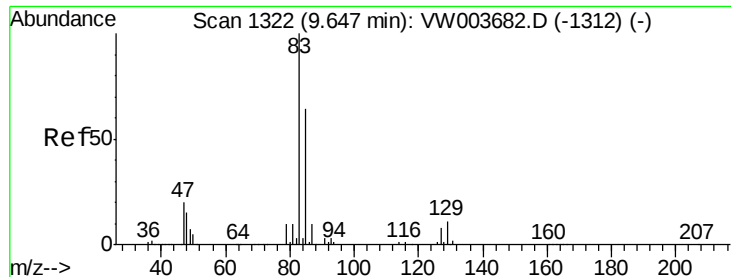
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 98.4 79.6 119.4





#47

Bromodichloromethane

Concen: 58.912 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :

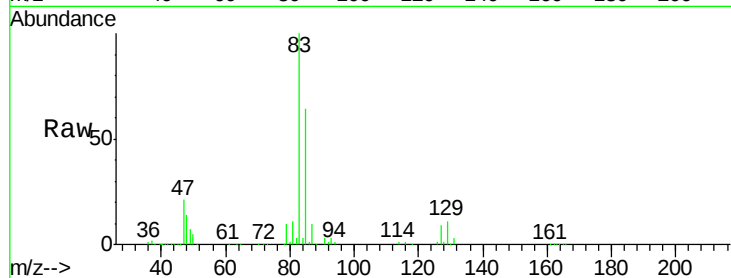
Tot Ion: 83 Resp: 182248

Ion Ratio Lower Upper

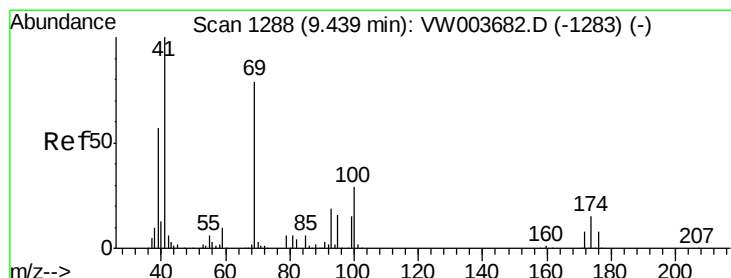
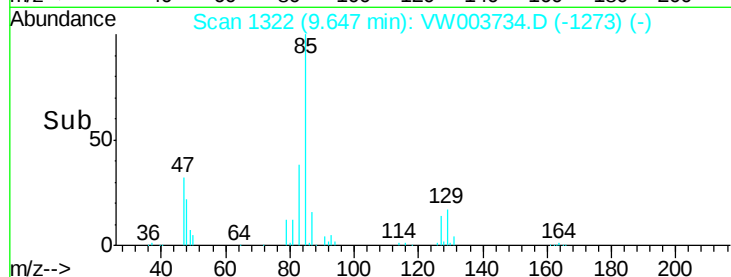
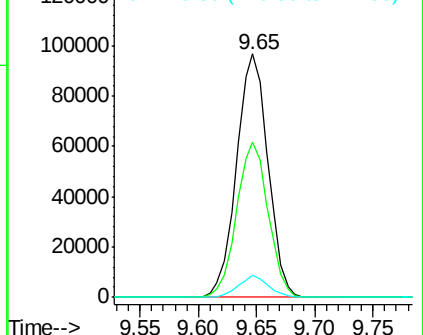
83 100

85 64.0 51.1 76.7

127 9.1 6.5 9.7



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



#48

Methyl methacrylate

Concen: 56.404 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

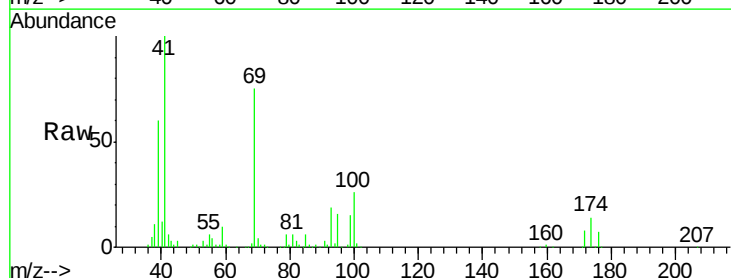
Tgt Ion: 41 Resp: 91047

Ion Ratio Lower Upper

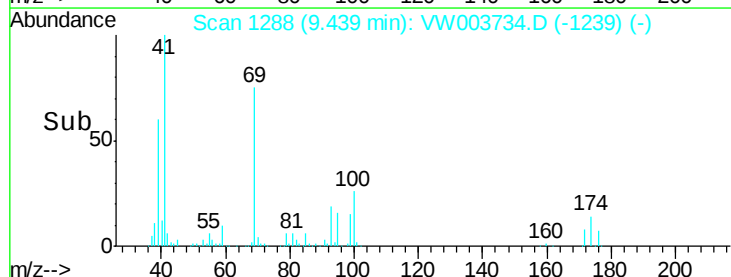
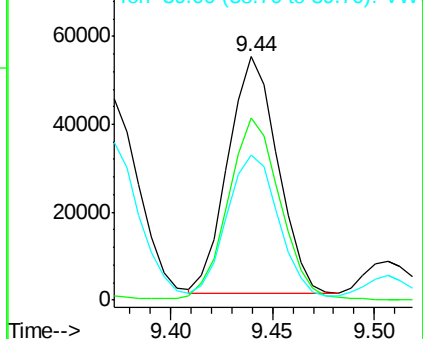
41 100

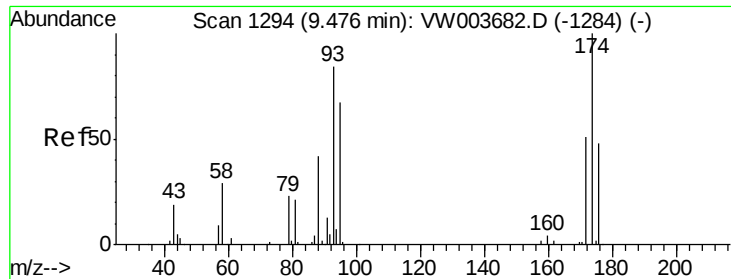
69 81.4 65.4 98.2

39 65.0 50.0 75.0



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

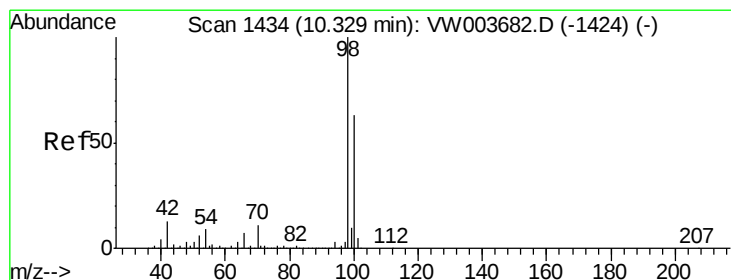
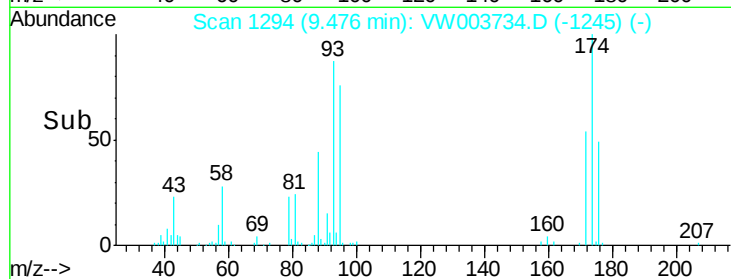
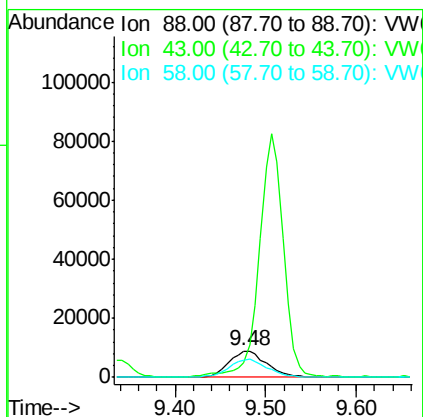
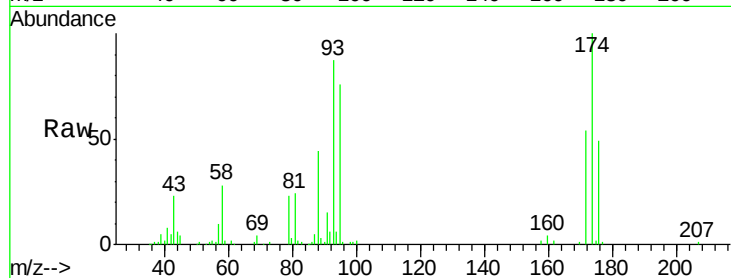




#49
1,4-Dioxane
Concen: 1294.796 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

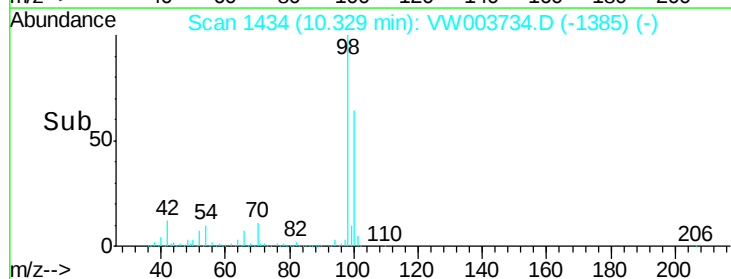
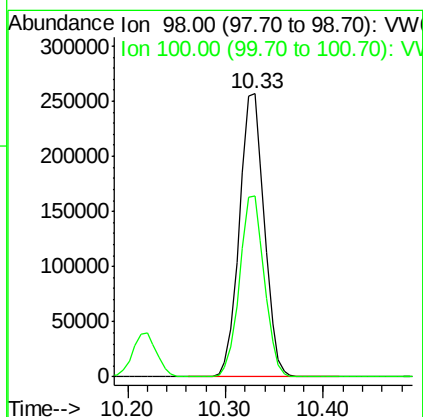
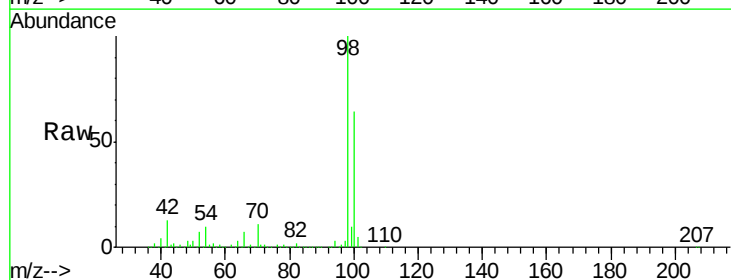
Instrument :
MSVOA_W
ClientSampled :

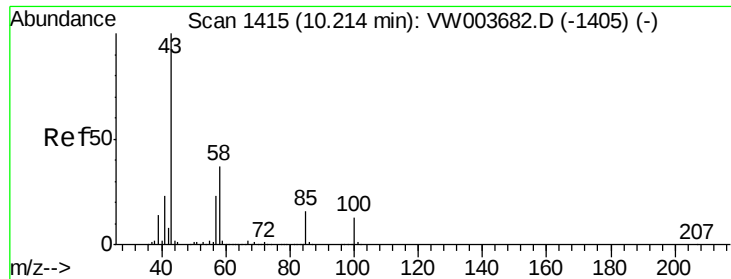
Tot Ion: 88 Resp: 25419
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.3 61.8 92.6



#50
Toluene-d8
Concen: 53.695 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 98 Resp: 452631
Ion Ratio Lower Upper
98 100
100 63.6 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 321.815 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

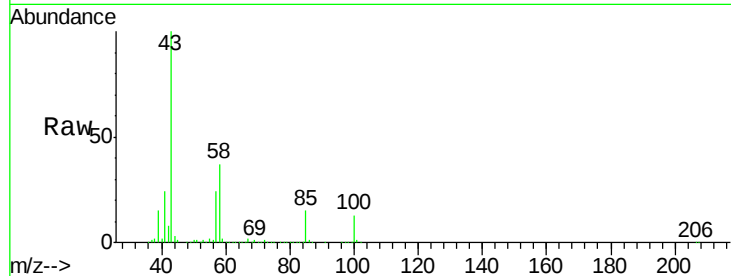
ClientSampleId :

Tot Ion: 43 Resp: 513794

Ion Ratio Lower Upper

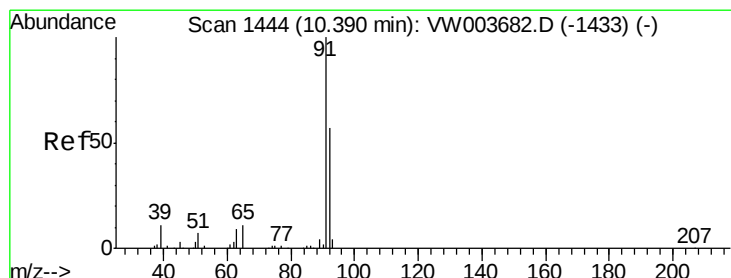
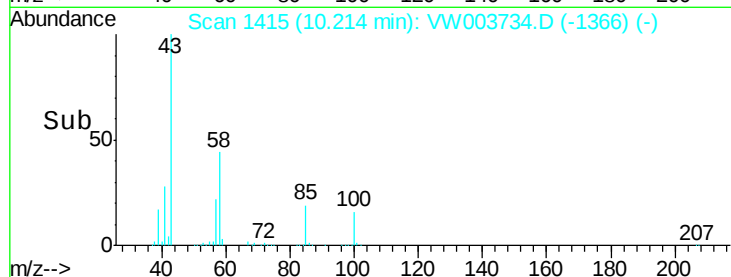
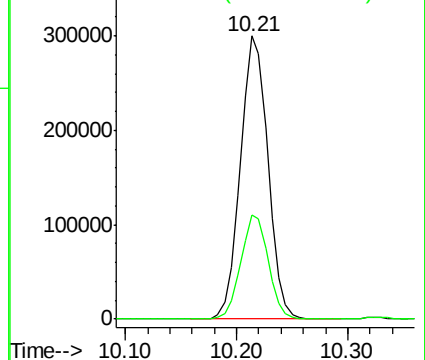
43 100

58 36.6 29.6 44.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 58.962 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003734.D

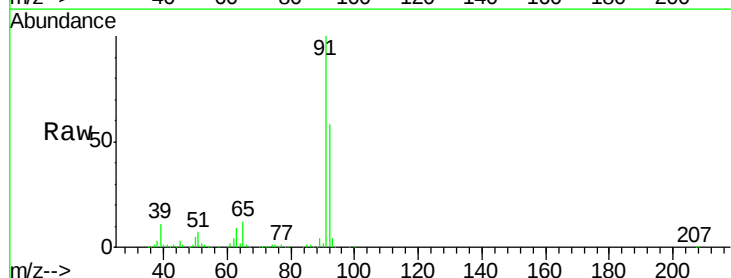
Acq: 05 Jul 2018 20:54

Tgt Ion: 92 Resp: 341798

Ion Ratio Lower Upper

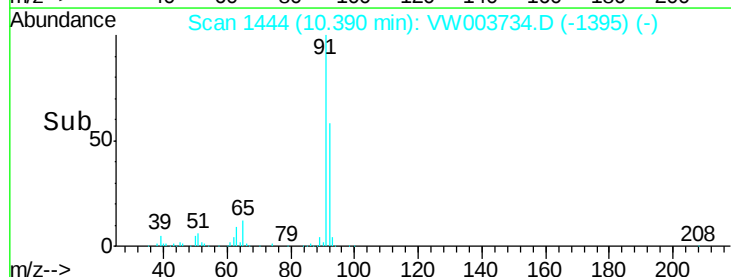
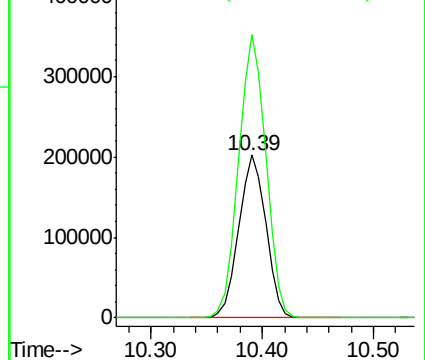
92 100

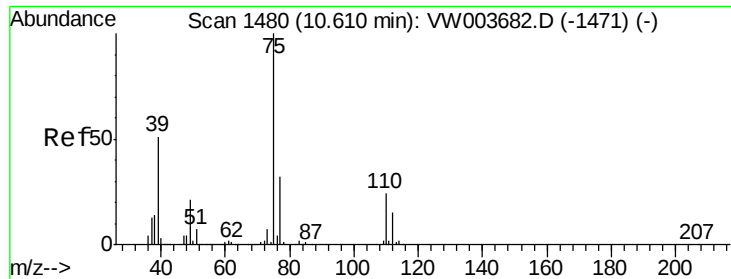
91 174.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

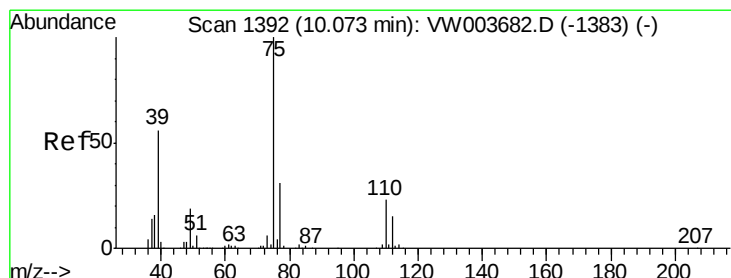
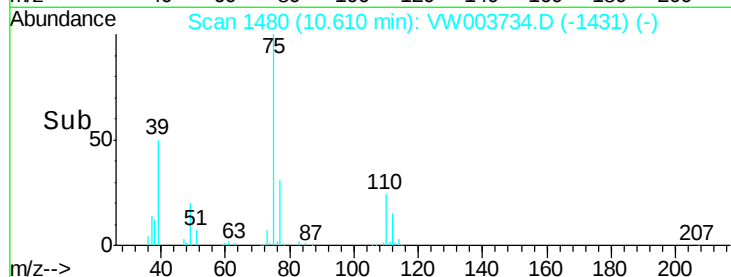
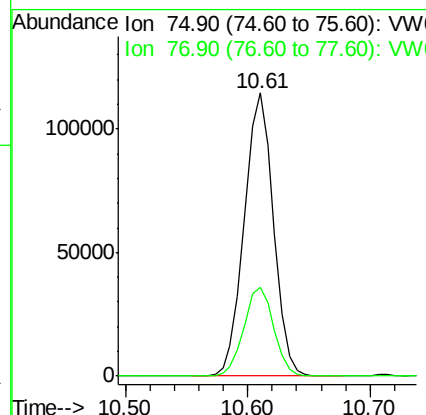
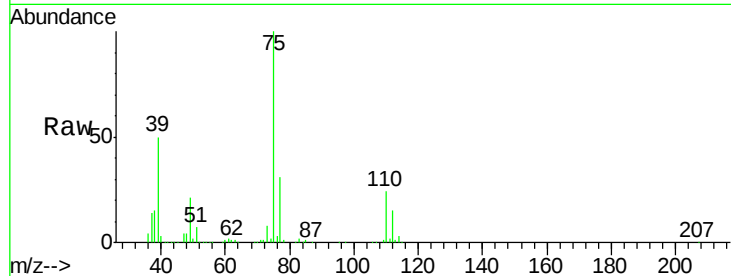




#53
t-1,3-Dichloropropene
Concen: 59.091 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

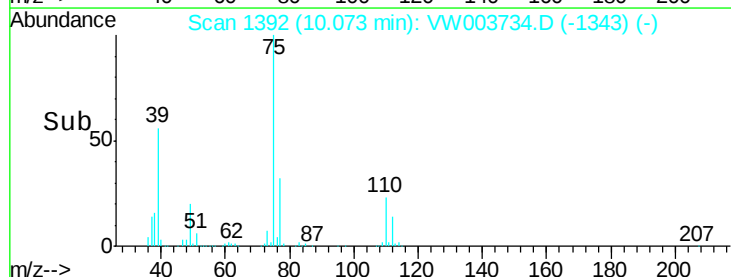
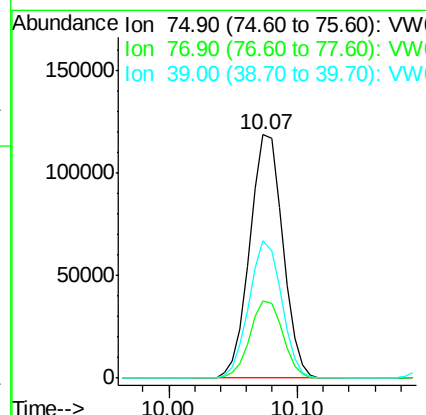
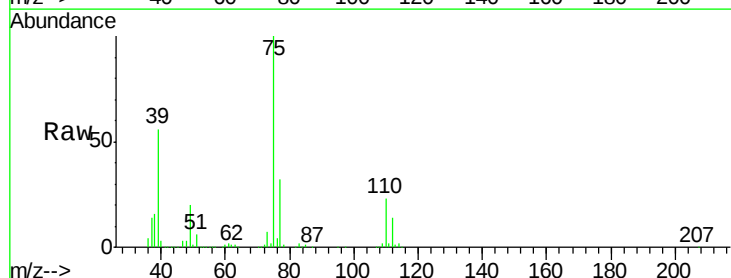
Instrument :
MSVOA_W
ClientSampled :

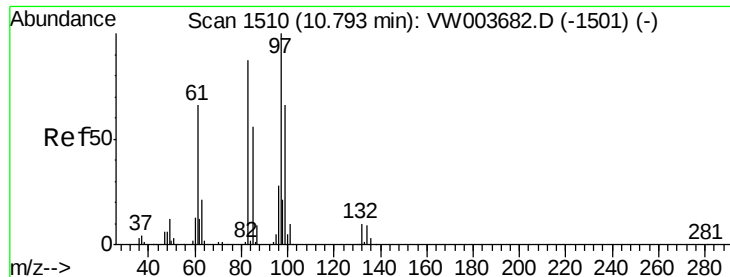
Tot Ion: 75 Resp: 189650
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 57.710 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 75 Resp: 209982
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3
39 56.2 44.6 67.0

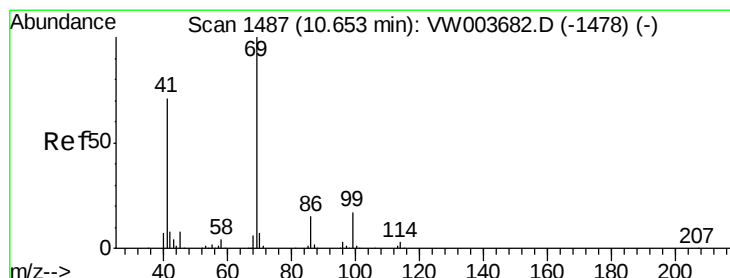
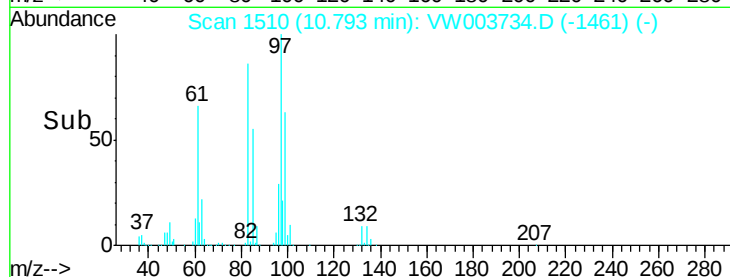
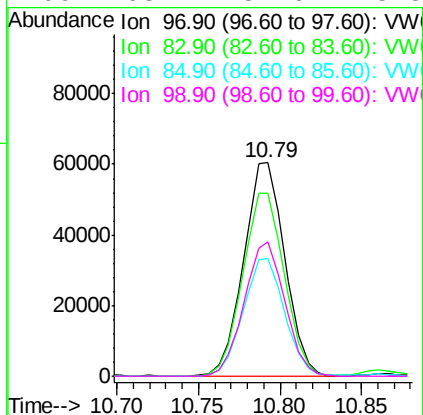
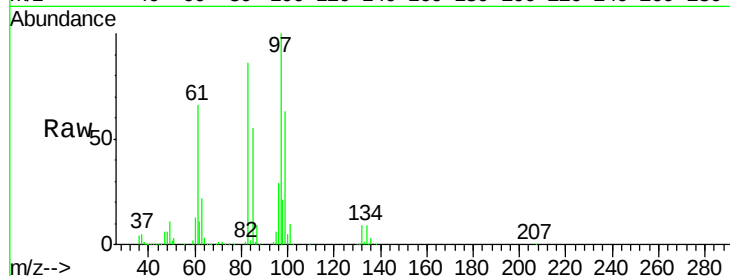




#55
 1,1,2-Trichloroethane
 Concen: 60.105 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

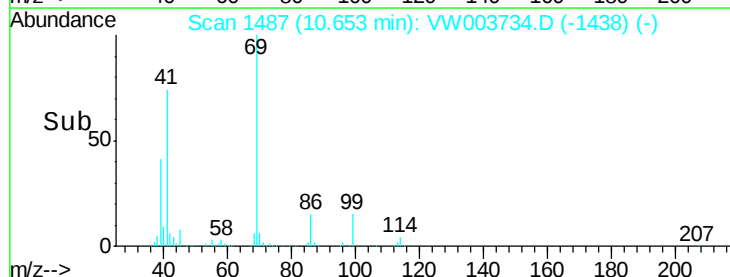
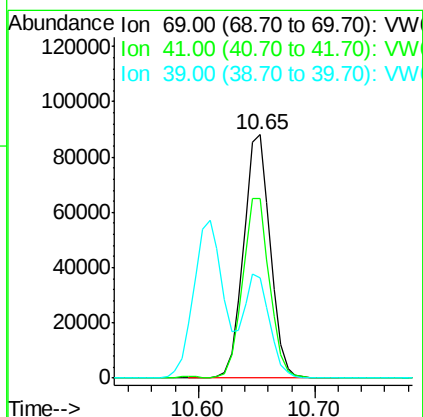
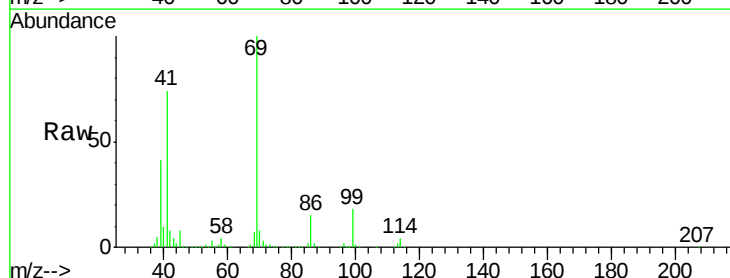
Instrument :
 MSVOA_W
 ClientSampleId :

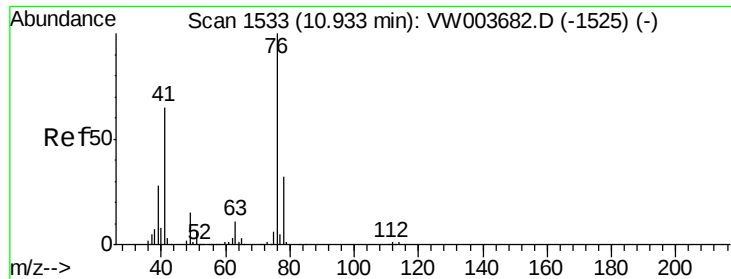
Tot Ion:	97	Resp:	105972
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.5	104.3
85	55.5	44.7	67.1
99	63.1	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 55.864 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion:	69	Resp:	140910
Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.5	86.3
39	43.0	29.4	44.0

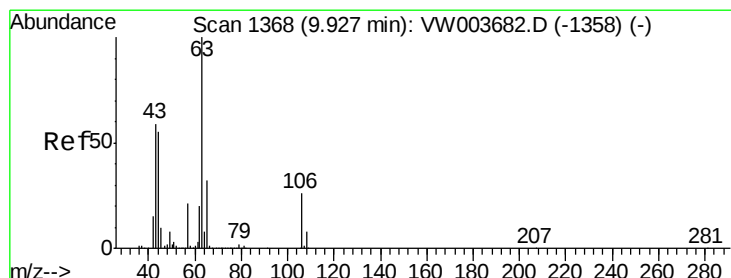
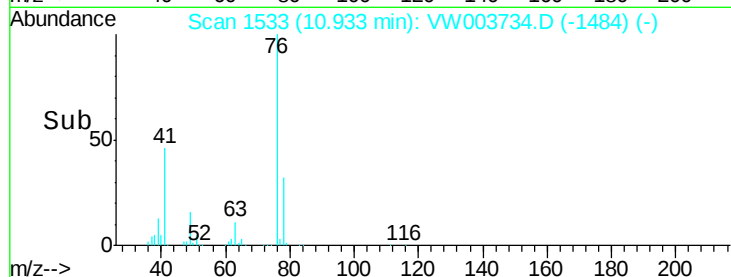
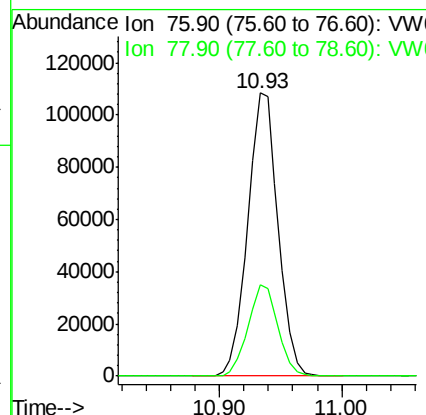
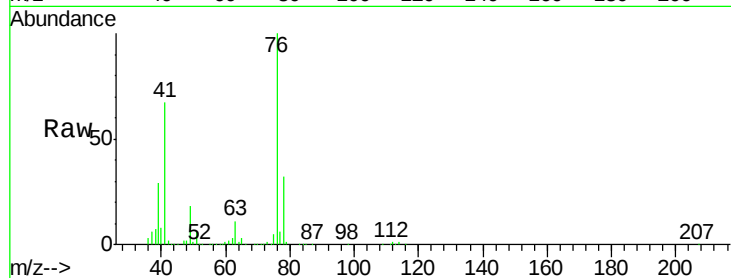




#57
 1,3-Dichloropropane
 Concen: 60.774 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

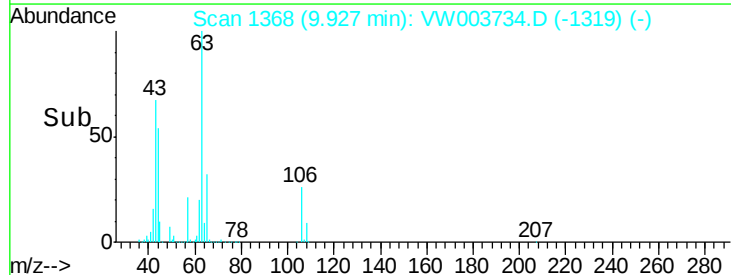
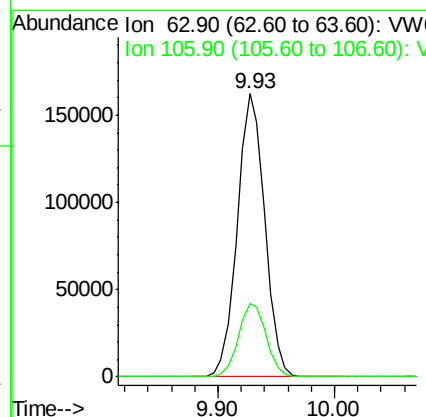
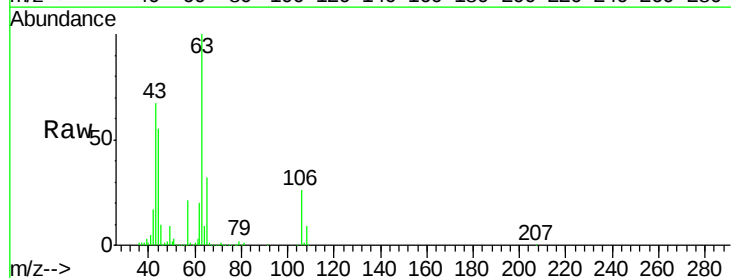
Instrument :
 MSVOA_W
 ClientSampled :

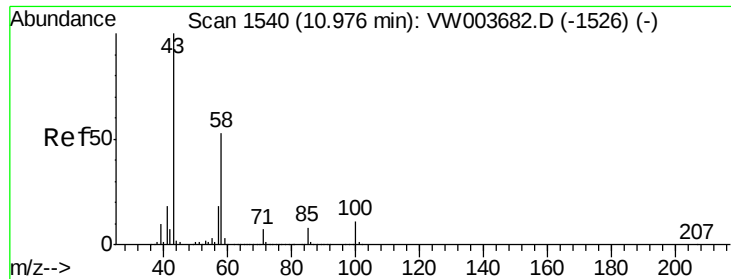
Tot Ion: 76 Resp: 186143
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.866 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion: 63 Resp: 266576
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.7 31.1

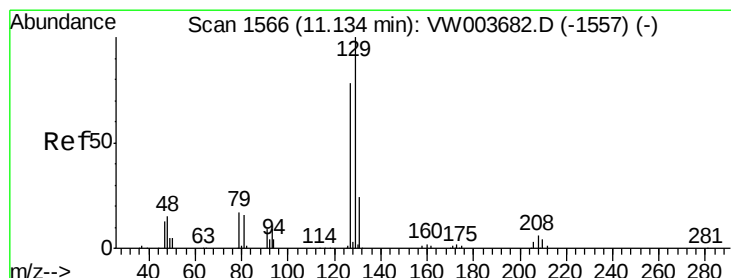
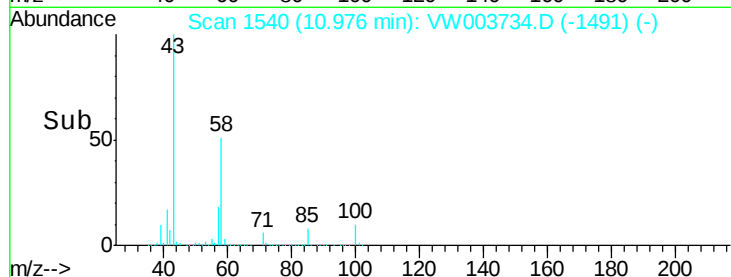
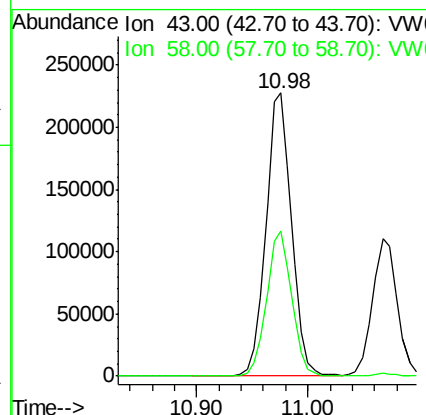
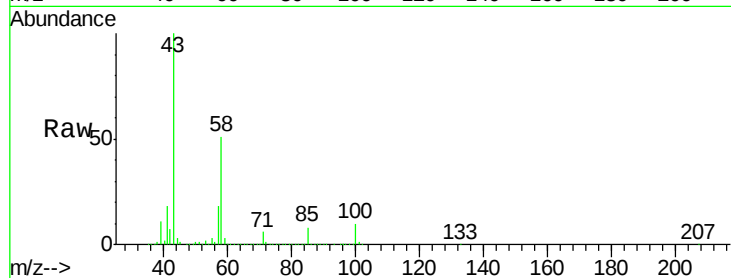




#59
2-Hexanone
Concen: 318.588 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

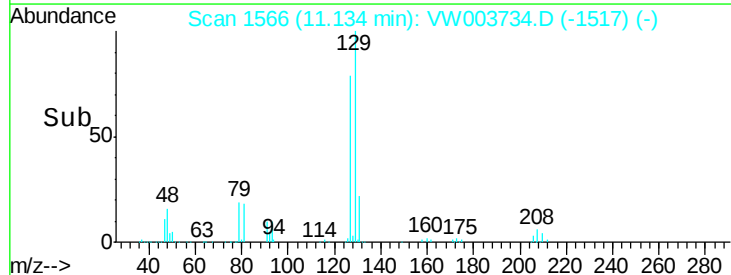
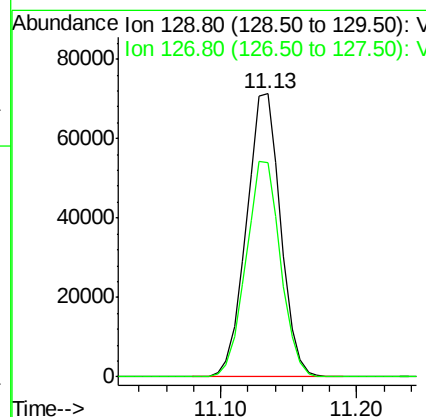
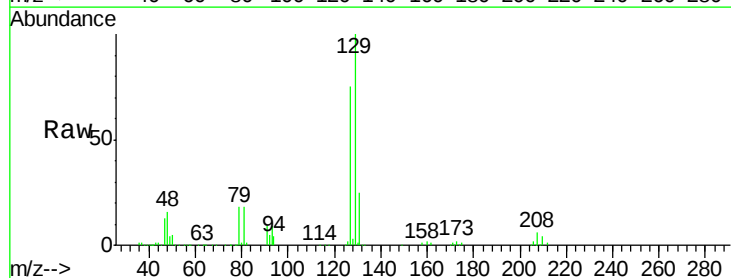
Instrument :
MSVOA_W
ClientSampled :

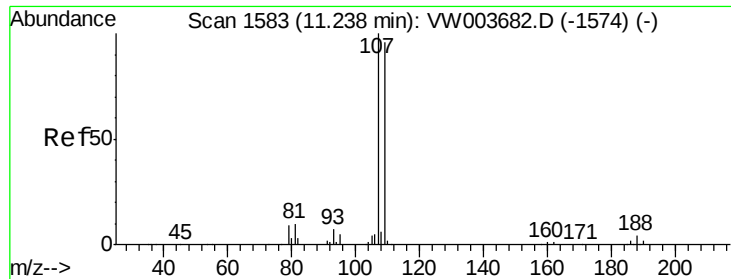
Tot Ion: 43 Resp: 363595
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.6



#60
Dibromochloromethane
Concen: 60.845 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 129 Resp: 125408
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2

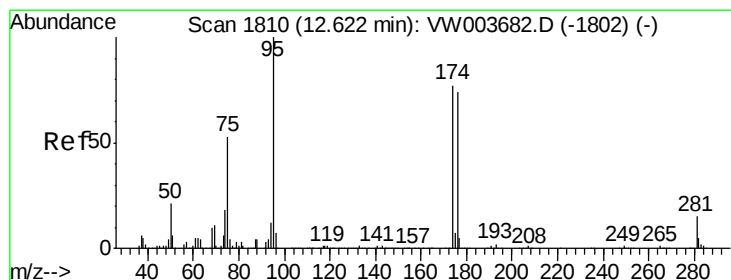
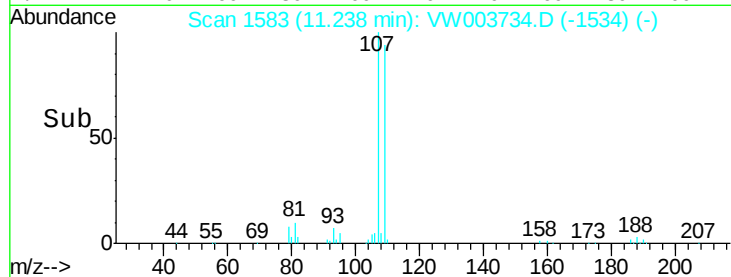
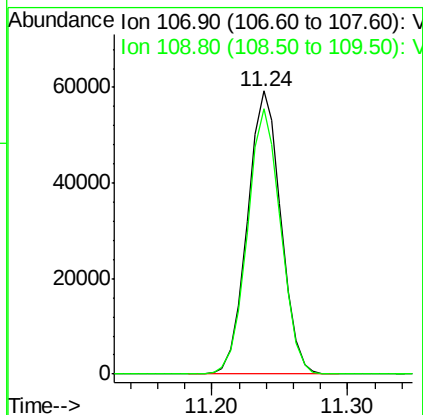
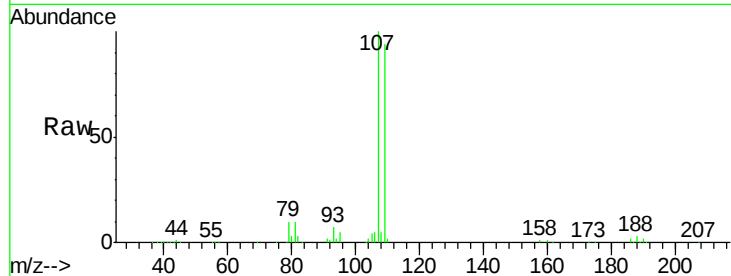




#61
 1,2-Dibromoethane
 Concen: 60.279 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

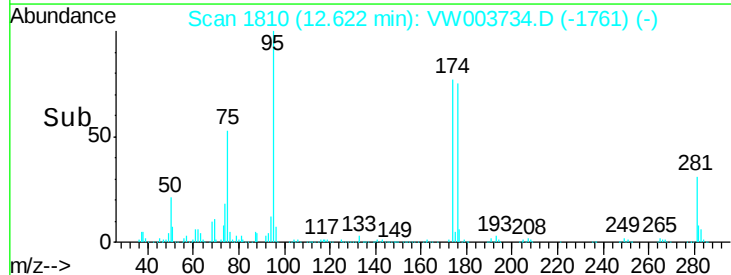
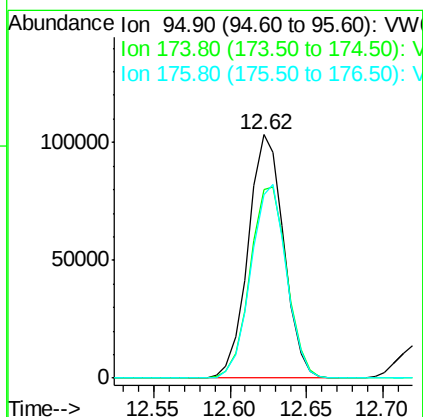
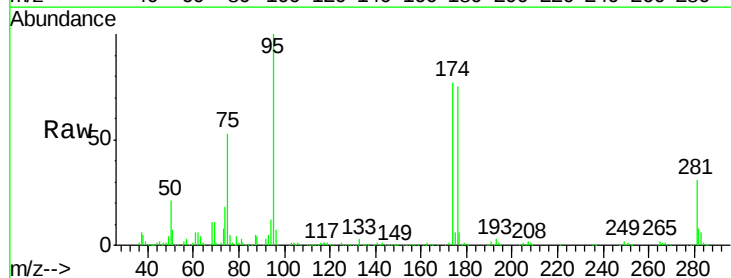
Instrument :
 MSVOA_W
 ClientSampleId :

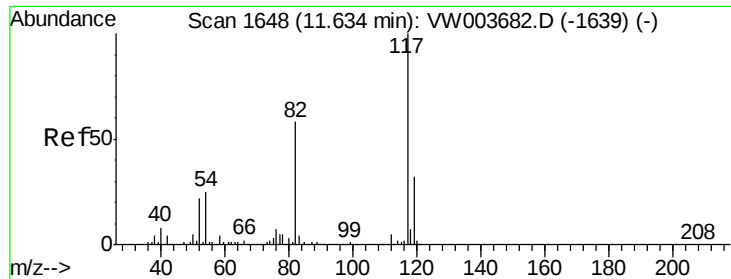
Tot Ion: 107 Resp: 101797
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 55.081 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion: 95 Resp: 166809
 Ion Ratio Lower Upper
 95 100
 174 81.6 0.0 161.2
 176 79.7 0.0 155.0

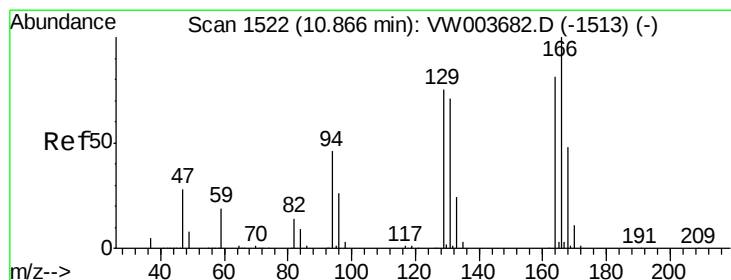
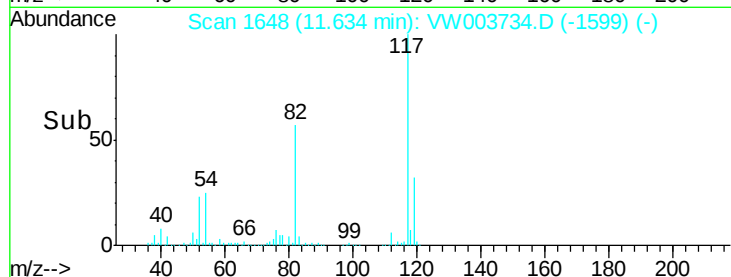
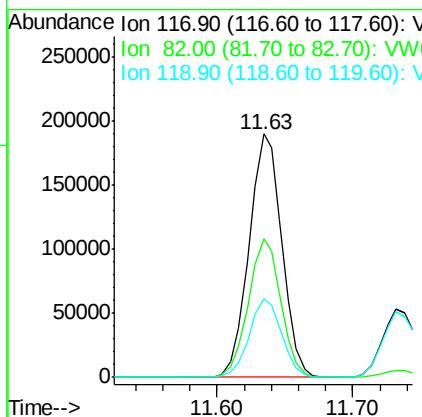
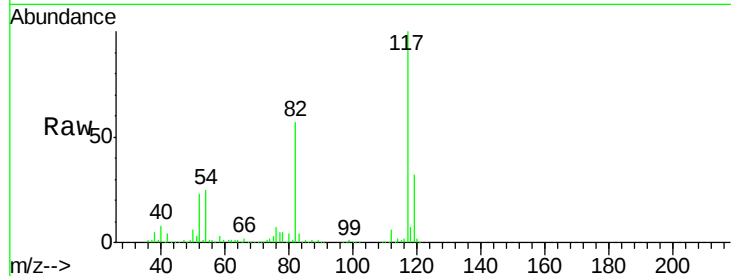




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

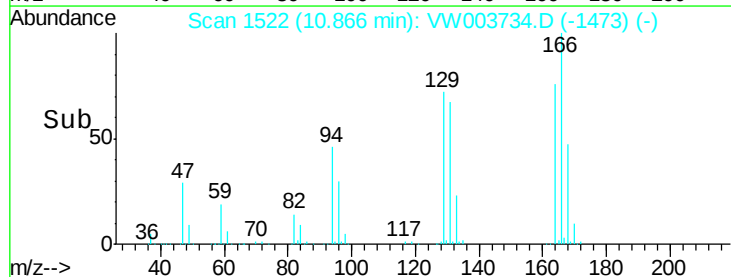
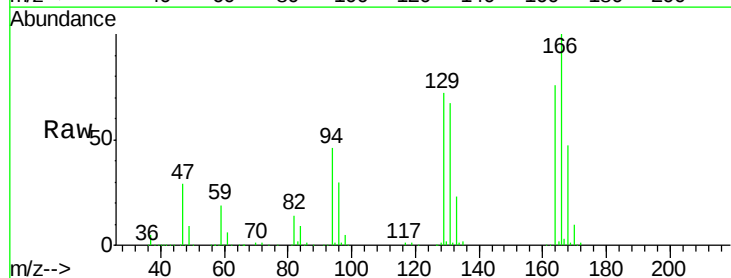
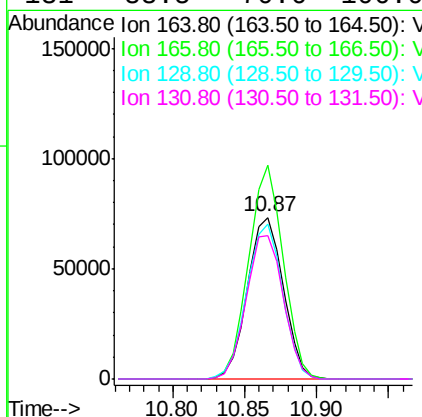
Instrument :
MSVOA_W
ClientSampleId :

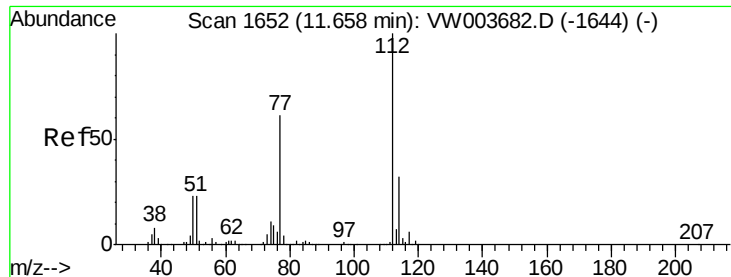
Tot Ion:117 Resp: 320280
Ion Ratio Lower Upper
117 100
82 57.1 46.0 69.0
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 58.415 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion:164 Resp: 126453
Ion Ratio Lower Upper
164 100
166 132.3 99.0 148.4
129 95.9 73.8 110.6
131 88.5 70.6 106.0

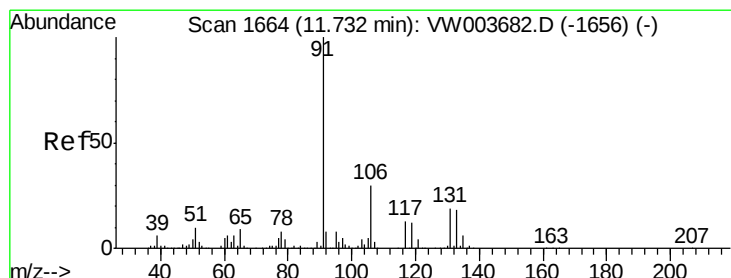
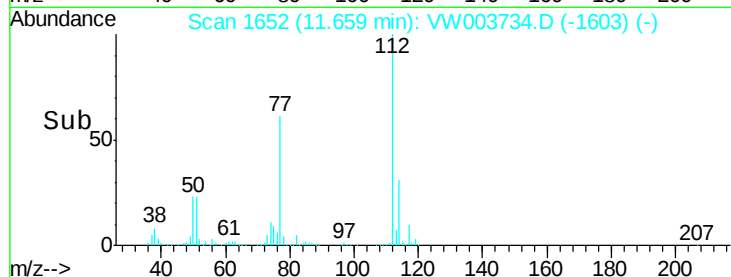
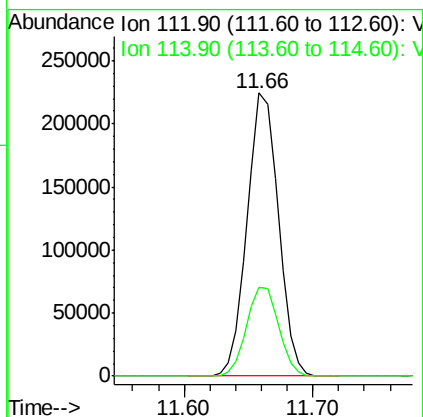
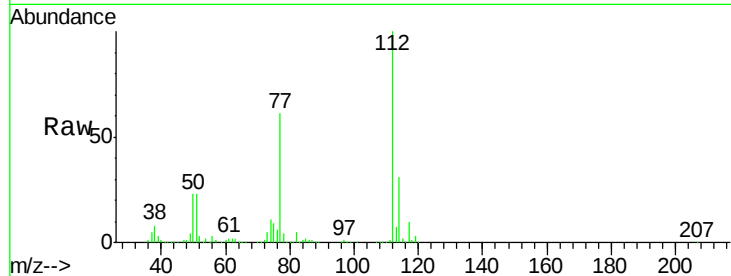




#65
Chlorobenzene
Concen: 55.783 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

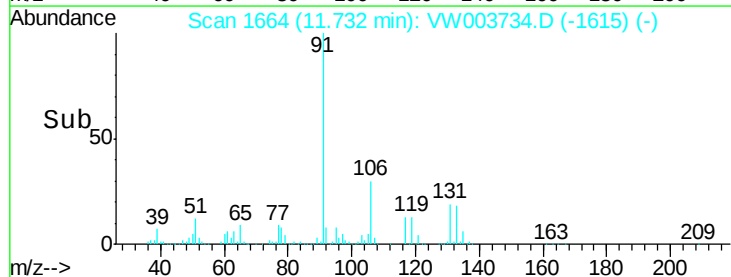
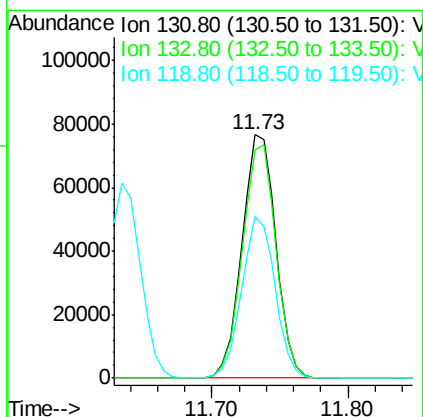
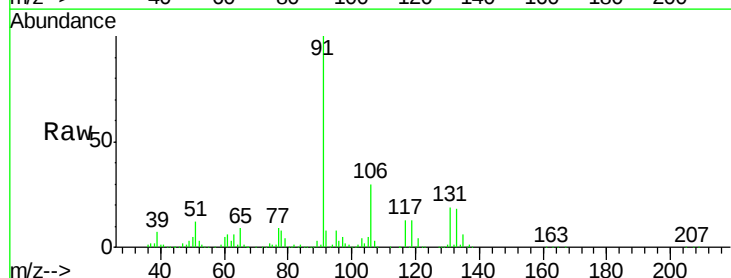
Instrument :
MSVOA_W
ClientSampled :

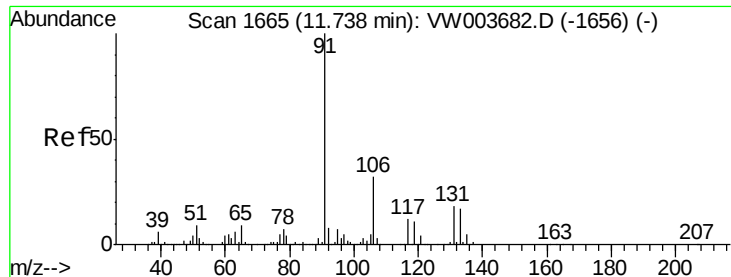
Tot Ion:112 Resp: 375613
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.758 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion:131 Resp: 133564
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 65.4 31.9 95.9

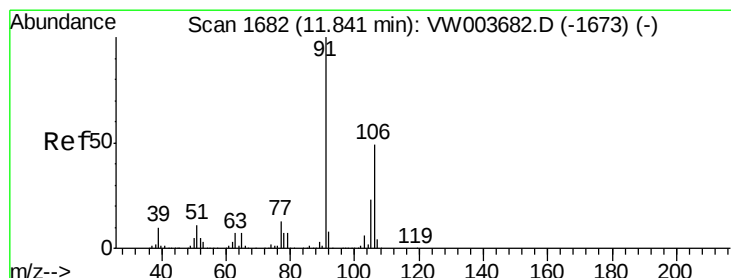
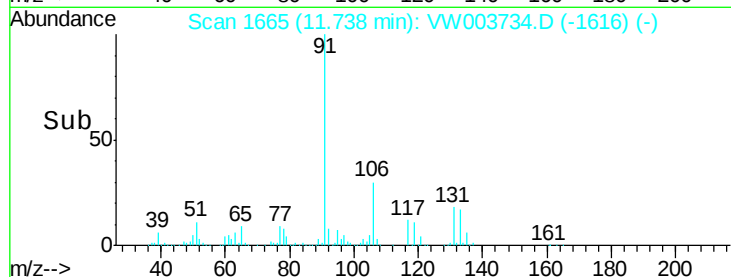
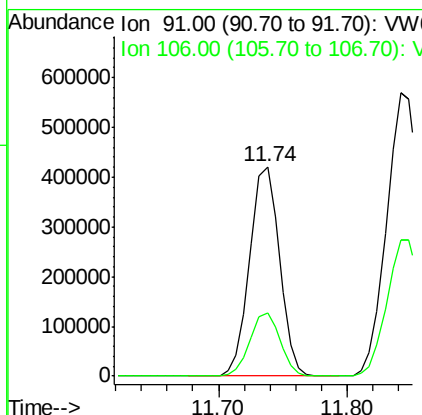
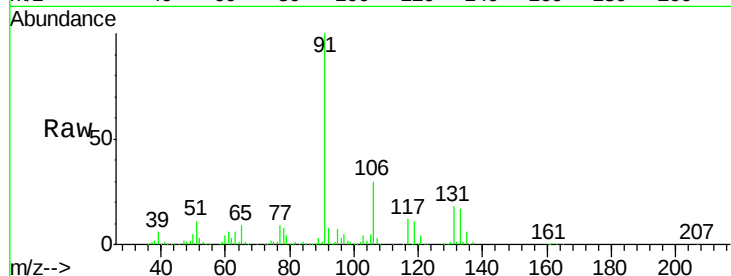




#67
Ethyl Benzene
Concen: 57.191 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

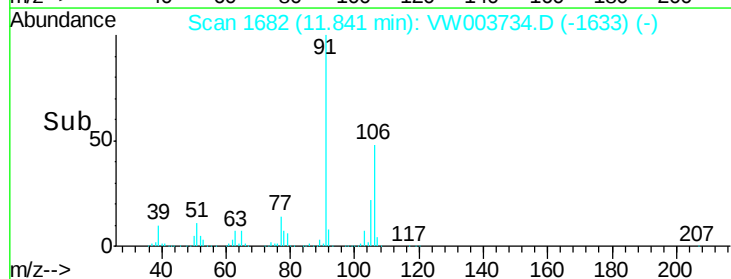
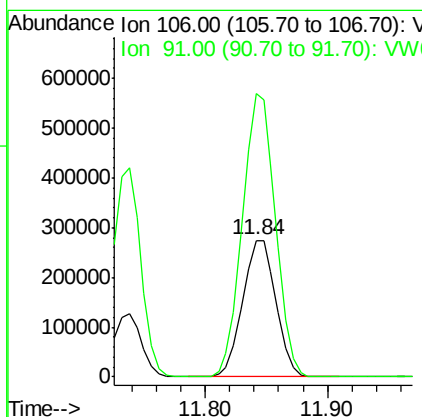
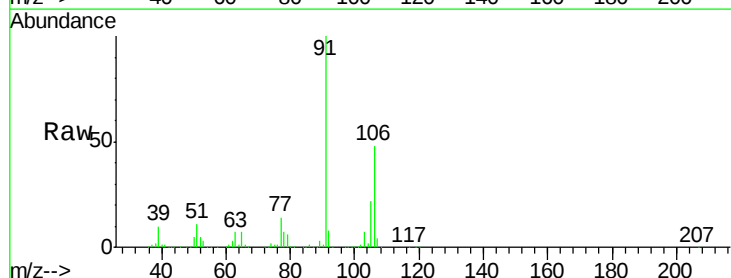
Instrument :
MSVOA_W
ClientSampled :

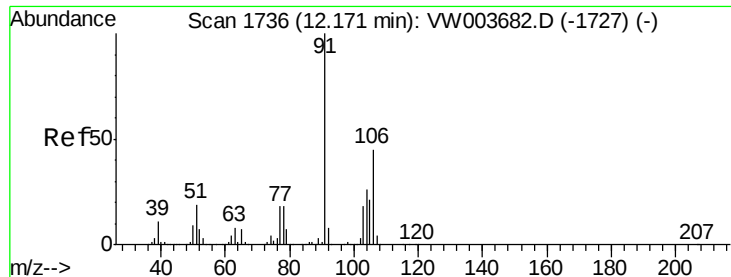
Tot Ion: 91 Resp: 674741
Ion Ratio Lower Upper
91 100
106 30.4 25.2 37.8



#68
m/p-Xylenes
Concen: 115.287 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 106 Resp: 517233
Ion Ratio Lower Upper
106 100
91 205.7 163.7 245.5

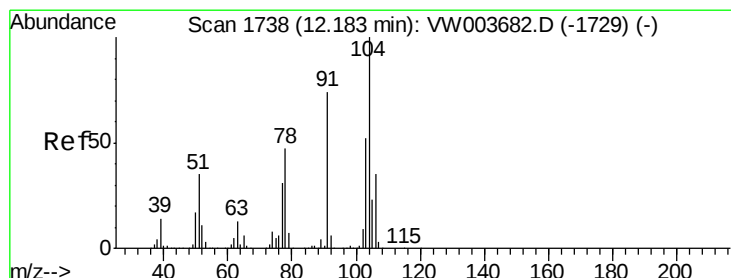
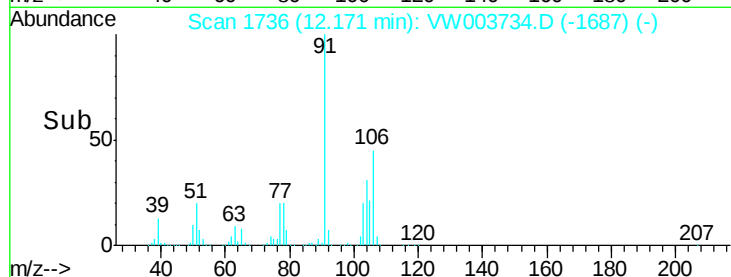
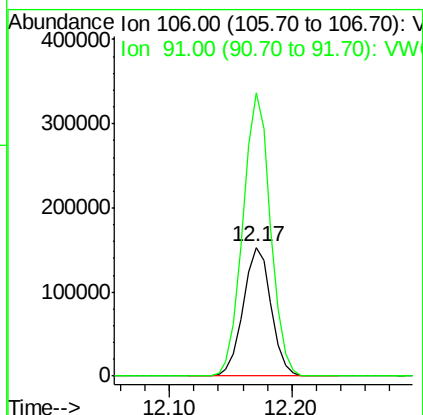
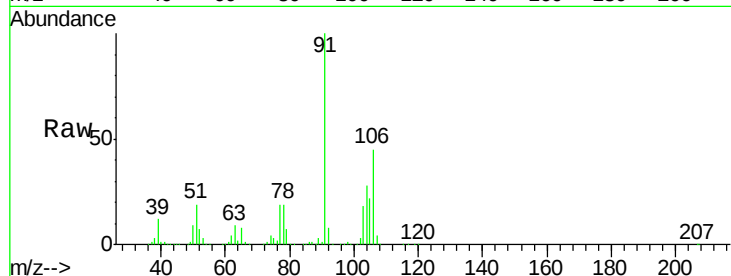




#69
o-Xylene
Concen: 58.318 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

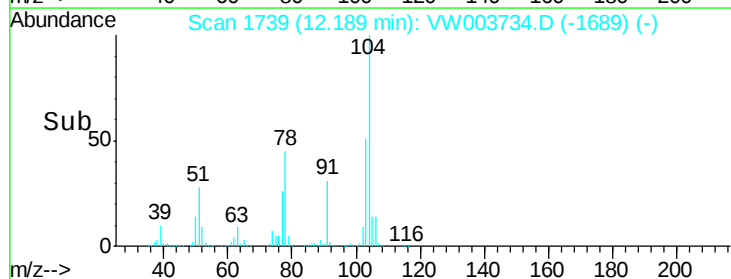
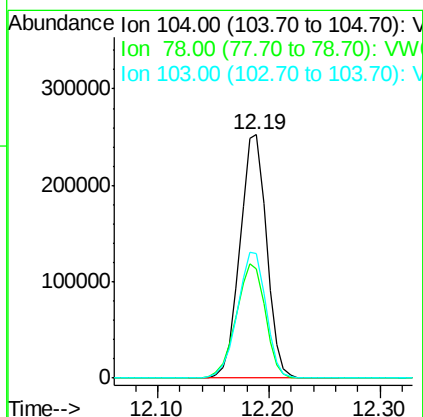
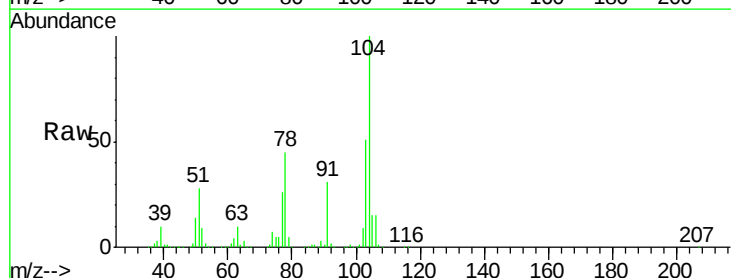
Instrument :
MSVOA_W
ClientSampled :

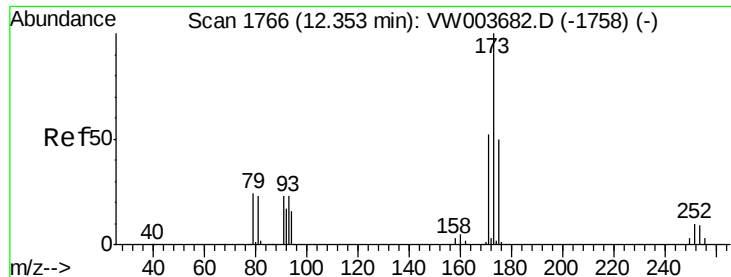
Tot Ion:106 Resp: 241874
Ion Ratio Lower Upper
106 100
91 216.9 109.3 327.8



#70
Styrene
Concen: 60.112 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion:104 Resp: 418752
Ion Ratio Lower Upper
104 100
78 51.2 40.2 60.4
103 55.3 44.4 66.6





#71

Bromoform

Concen: 60.553 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

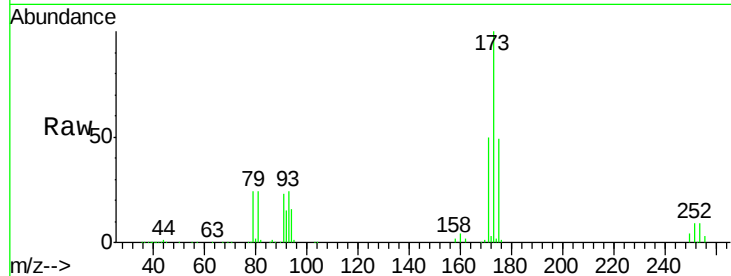
Tot Ion:173 Resp: 79177

Ion Ratio Lower Upper

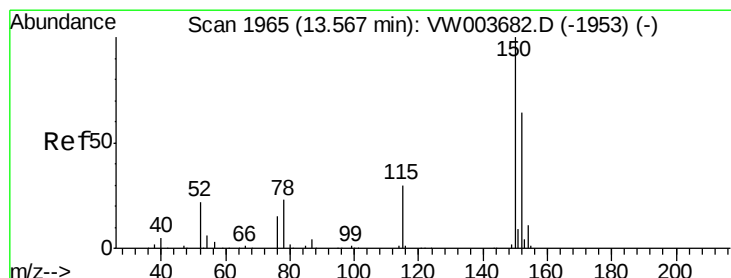
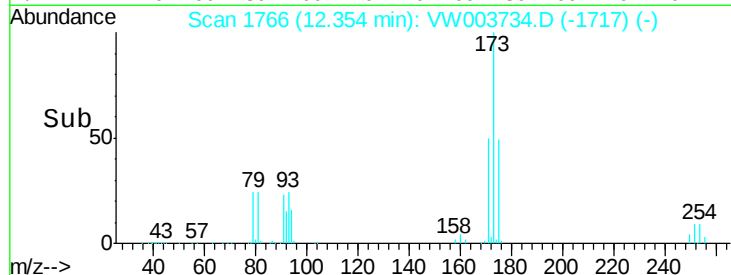
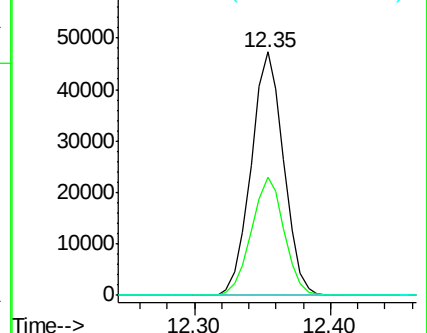
173 100

175 48.7 24.5 73.5

254 0.1 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: VW003734.D

Acq: 05 Jul 2018 20:54

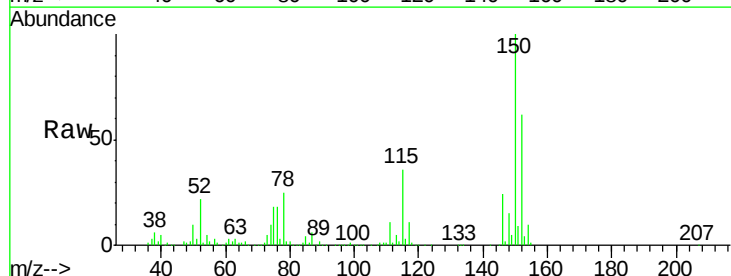
Tgt Ion:152 Resp: 174855

Ion Ratio Lower Upper

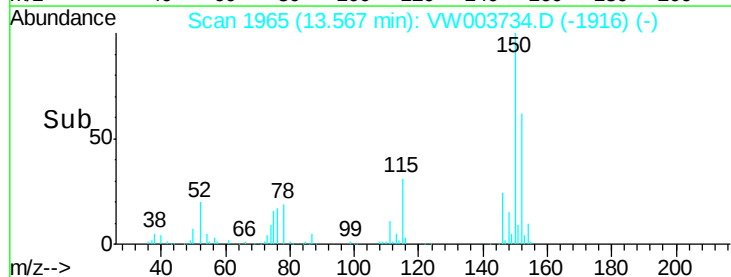
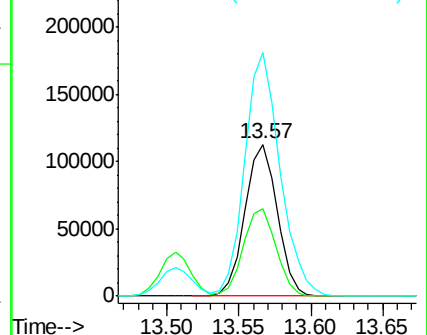
152 100

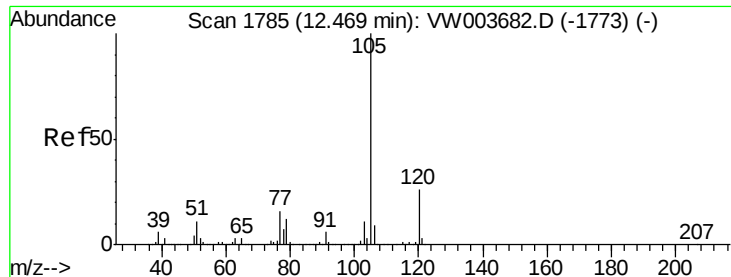
115 58.6 29.3 88.0

150 176.2 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: 56.013 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

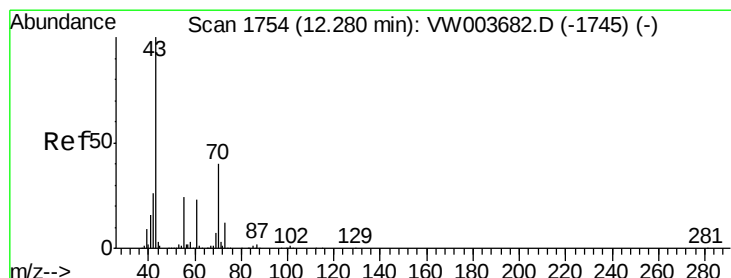
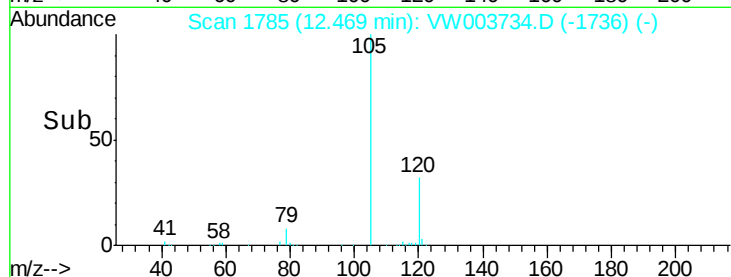
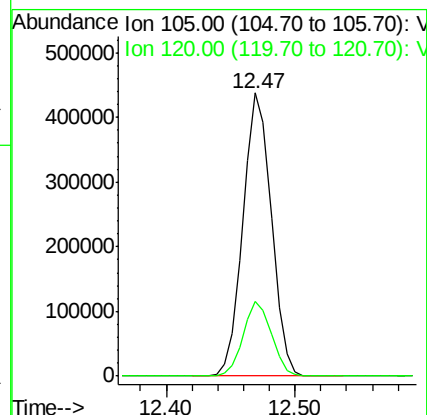
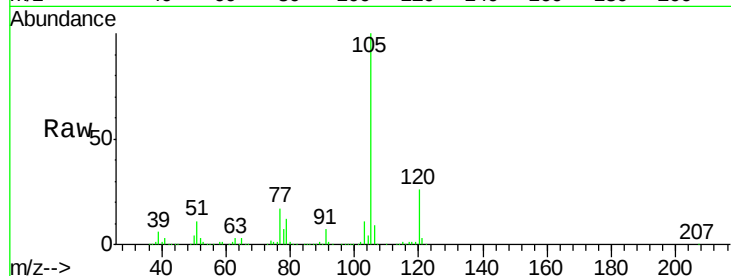
ClientSampleId :

Tot Ion:105 Resp: 666228

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 60.388 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Tgt Ion: 43 Resp: 189659

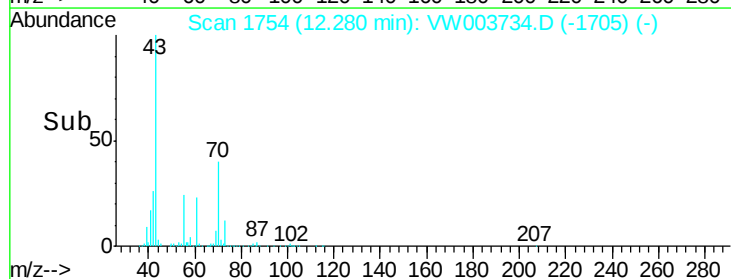
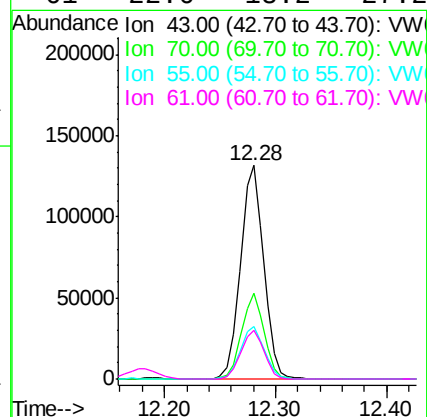
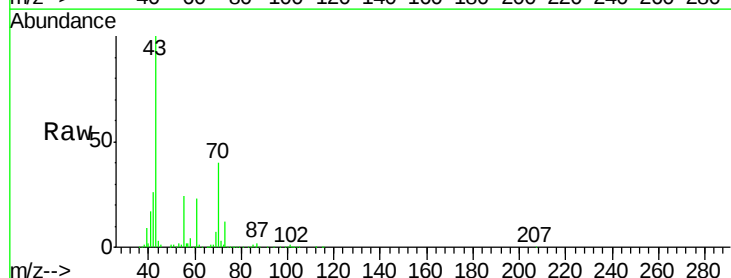
Ion Ratio Lower Upper

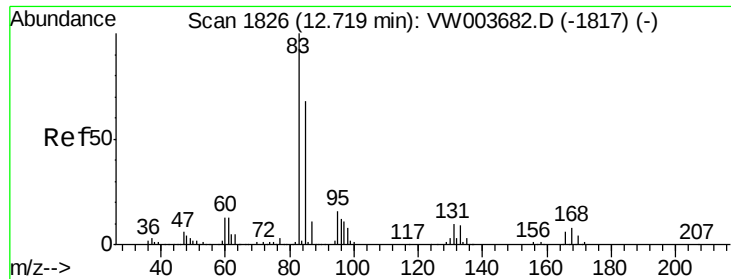
43 100

70 39.0 31.3 46.9

55 25.2 20.1 30.1

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.937 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

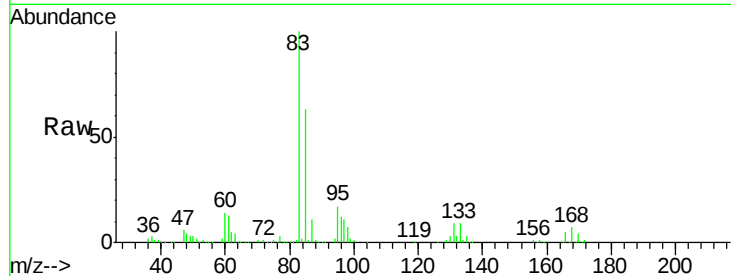
Tot Ion: 83 Resp: 134787

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.9
85	64.2	31.9	95.9

83 100

131 10.2 5.3 15.9

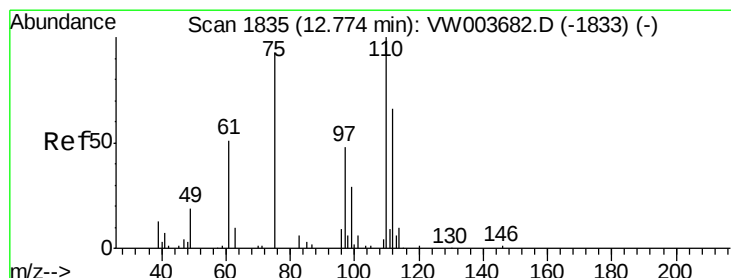
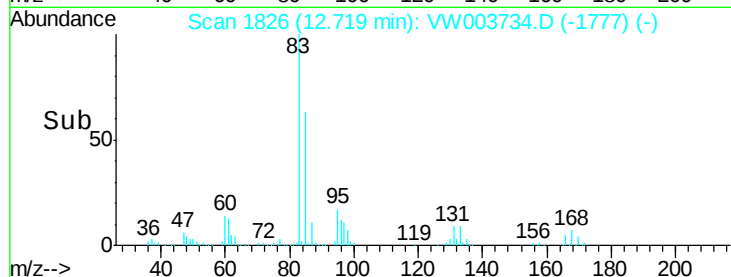
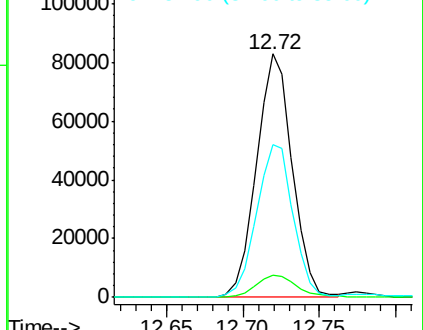
85 64.2 31.9 95.9



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: 114.931 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003734.D

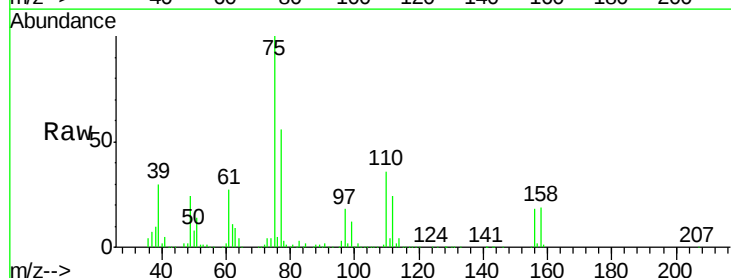
Acq: 05 Jul 2018 20:54

Tgt Ion: 75 Resp: 180693

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

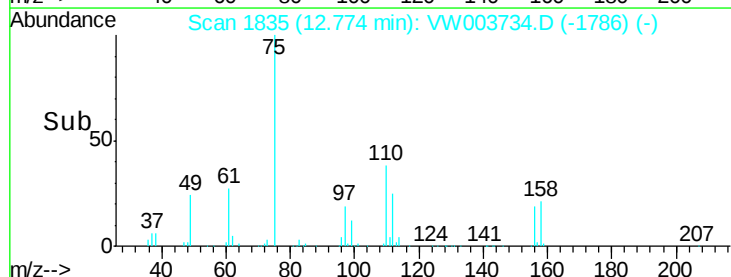
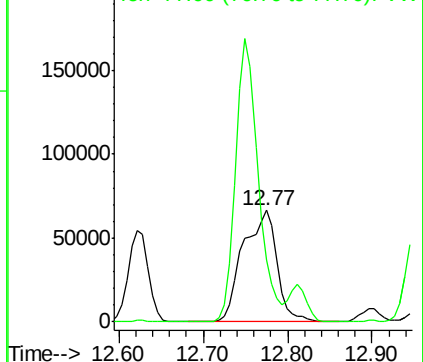
75 100

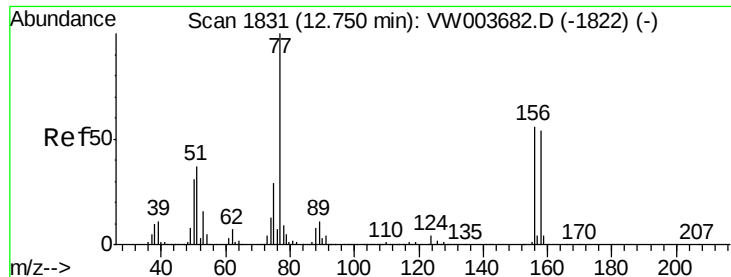
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 55.848 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

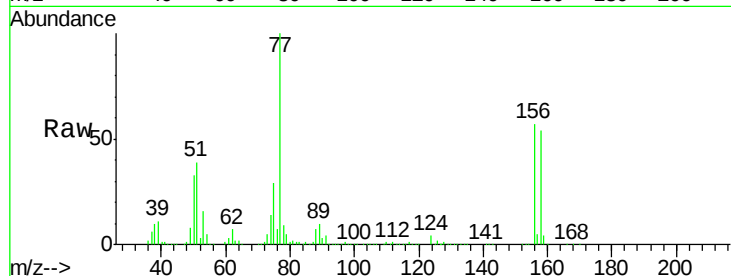
Tot Ion:156 Resp: 159418

Ion Ratio Lower Upper

156 100

77 192.4 95.8 287.4

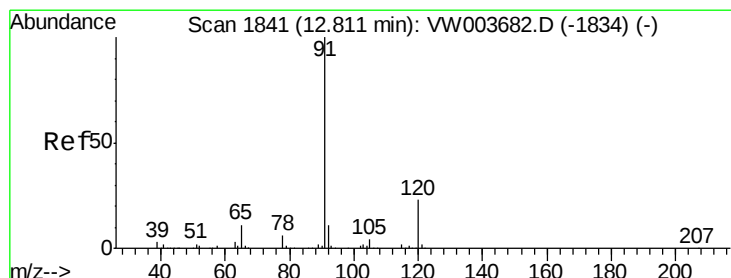
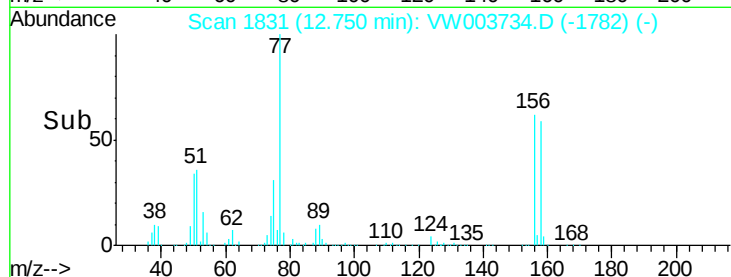
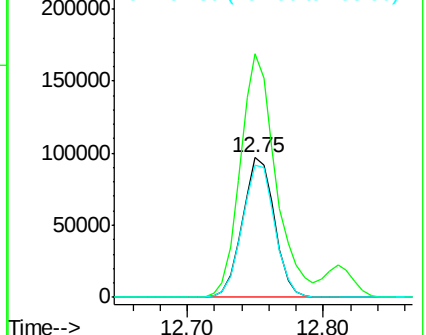
158 96.4 48.2 144.6



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: 56.288 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003734.D

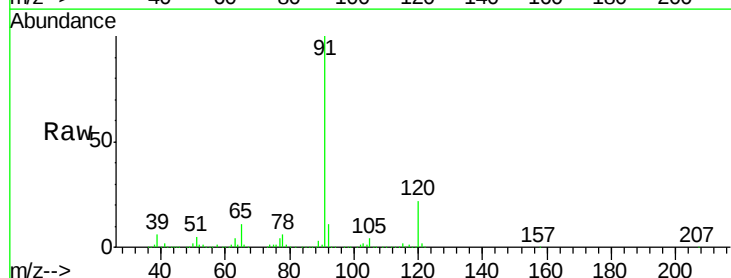
Acq: 05 Jul 2018 20:54

Tgt Ion: 91 Resp: 827074

Ion Ratio Lower Upper

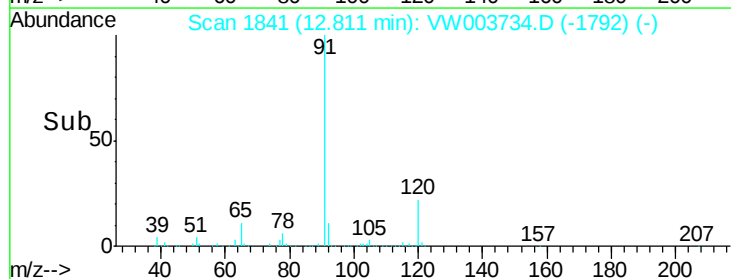
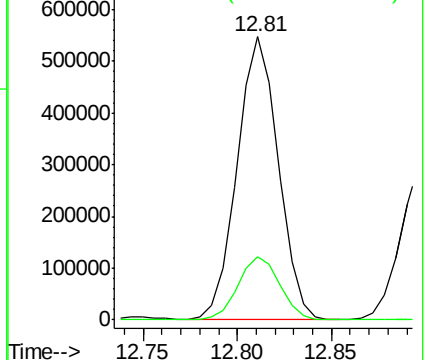
91 100

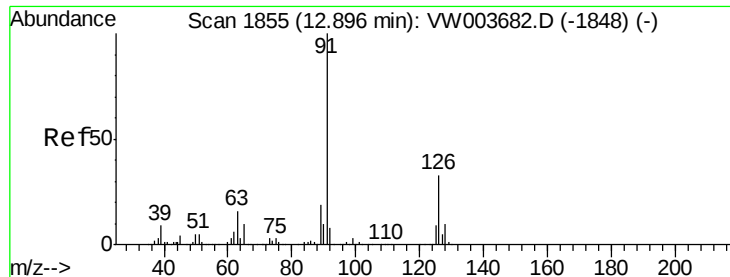
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.805 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

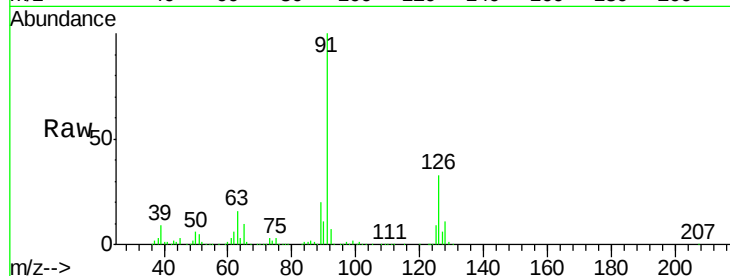
ClientSampled :

Tot Ion: 91 Resp: 466612

Ion Ratio Lower Upper

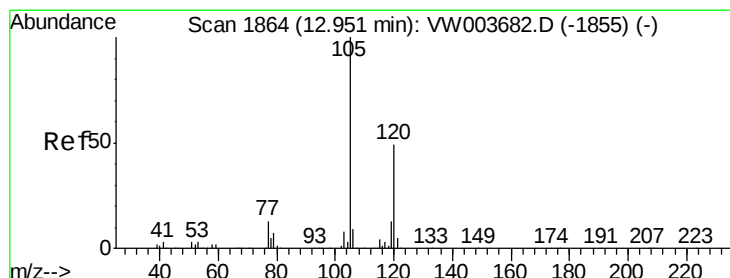
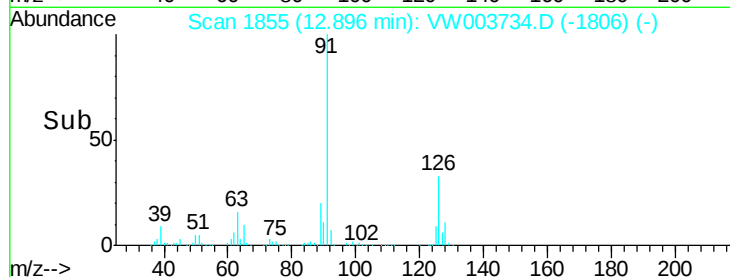
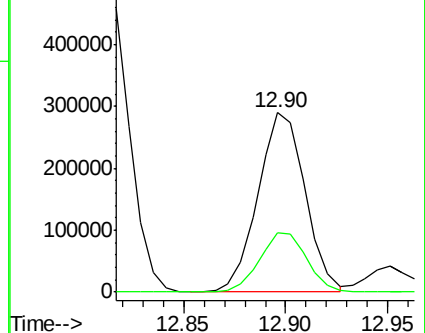
91 100

126 33.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.954 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003734.D

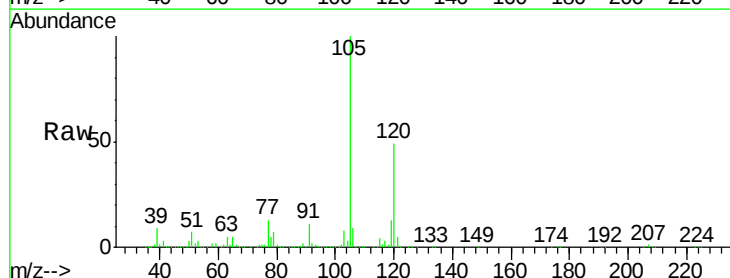
Acq: 05 Jul 2018 20:54

Tgt Ion:105 Resp: 573068

Ion Ratio Lower Upper

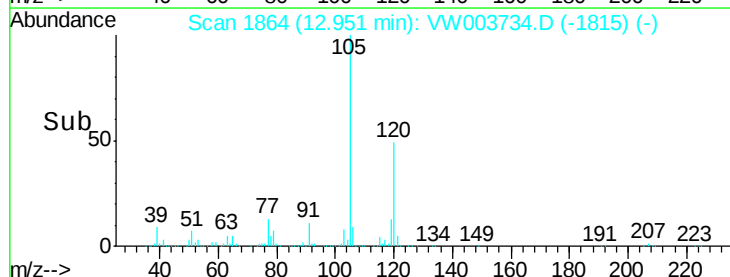
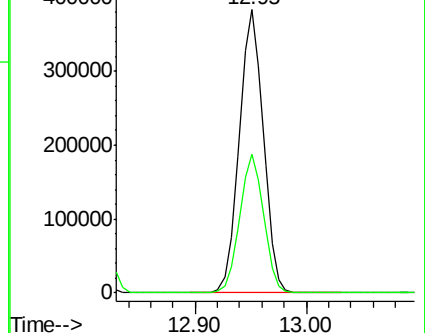
105 100

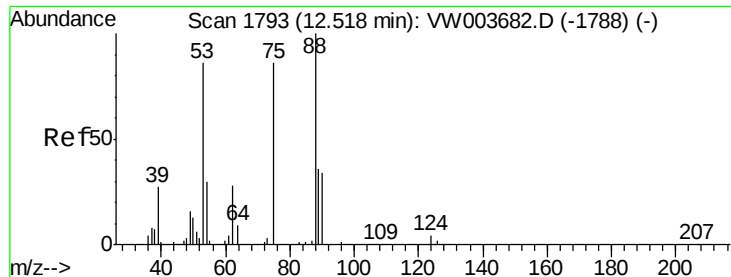
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.106 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003734.D

Acq: 05 Jul 2018 20:54

Instrument :

MSVOA_W

ClientSampled :

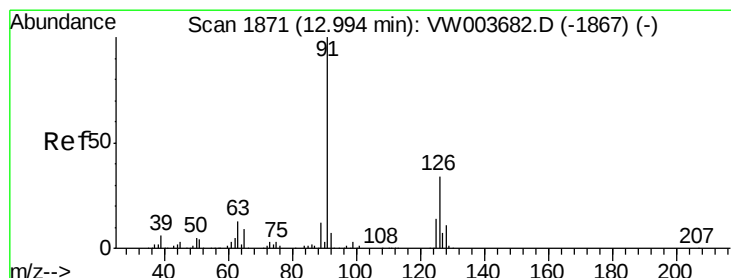
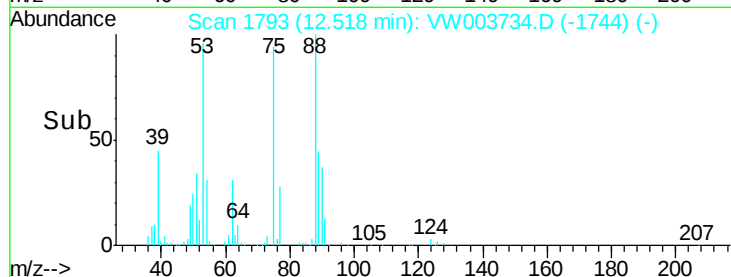
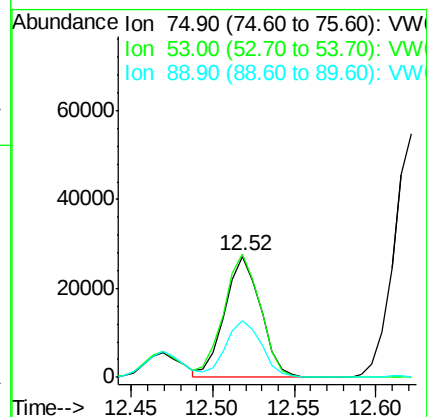
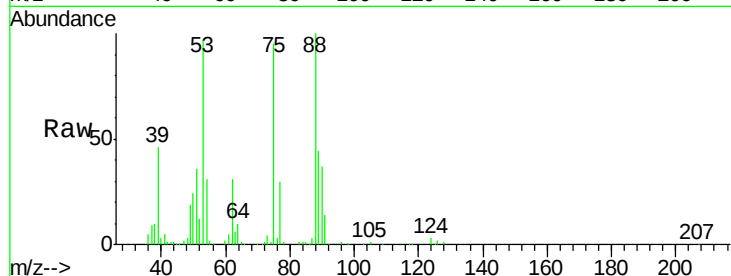
Tot Ion: 75 Resp: 41629

Ion Ratio Lower Upper

75 100

53 104.9 82.4 123.6

89 46.9 35.9 53.9



#82

4-Chlorotoluene

Concen: 56.267 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003734.D

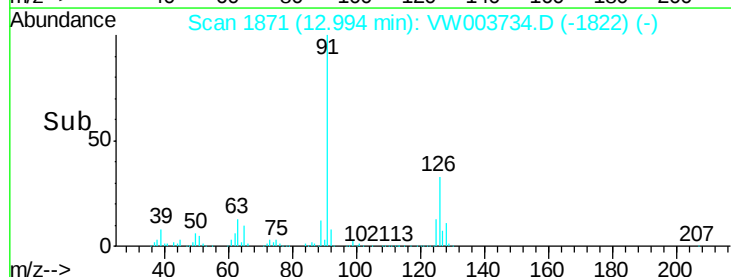
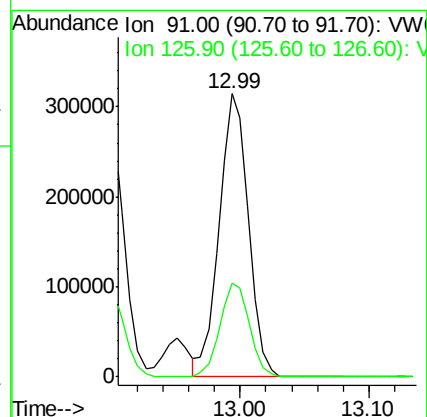
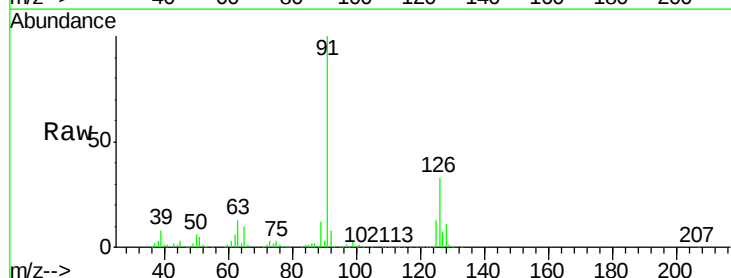
Acq: 05 Jul 2018 20:54

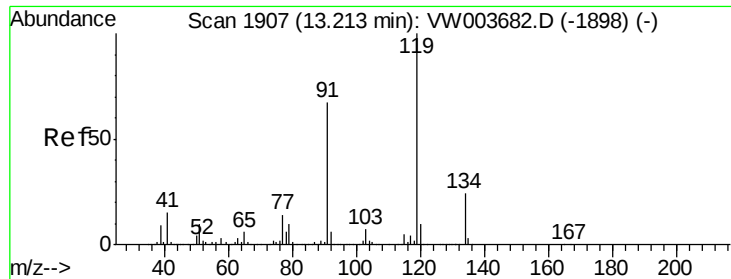
Tgt Ion: 91 Resp: 499428

Ion Ratio Lower Upper

91 100

126 33.6 17.0 50.9

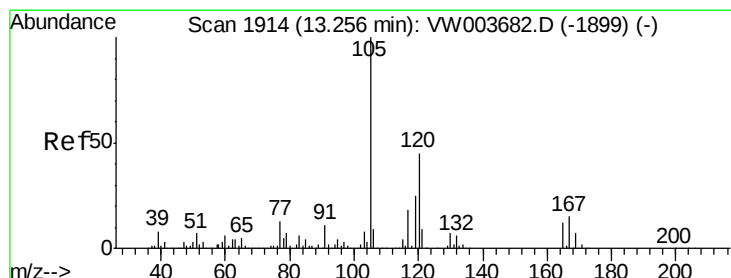
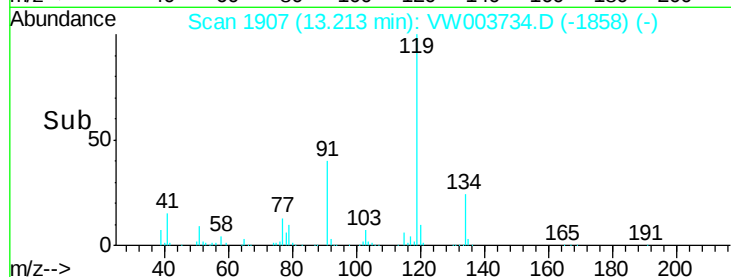
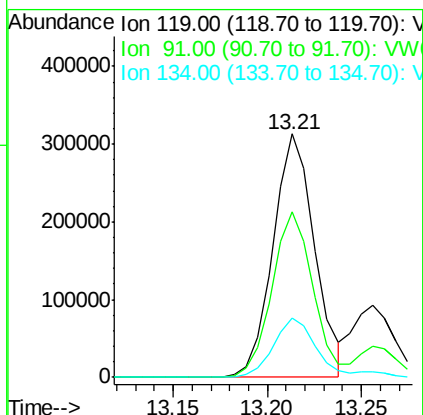
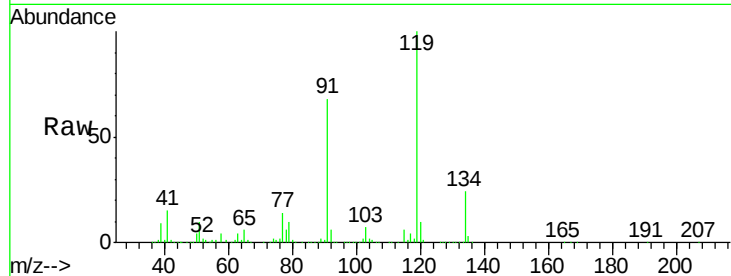




#83
tert-Butylbenzene
Concen: 56.451 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

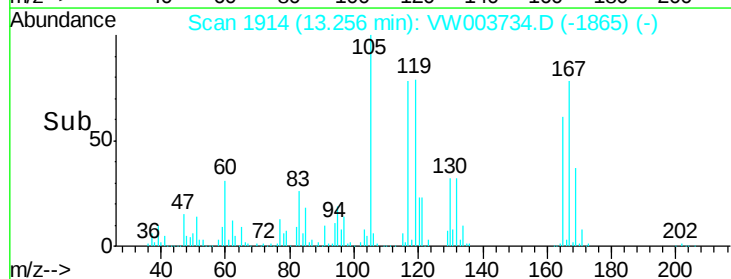
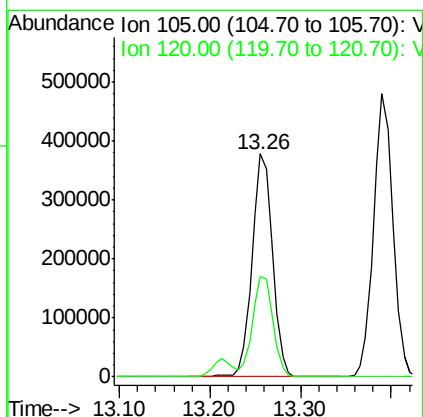
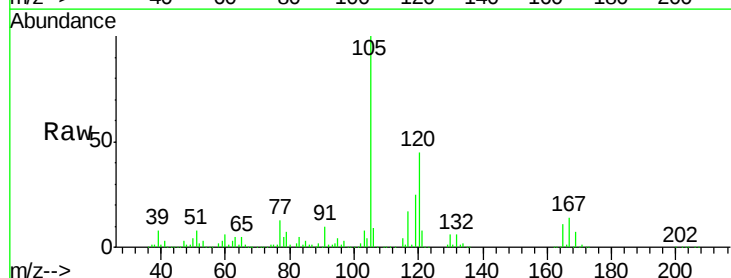
Instrument :
MSVOA_W
ClientSampled :

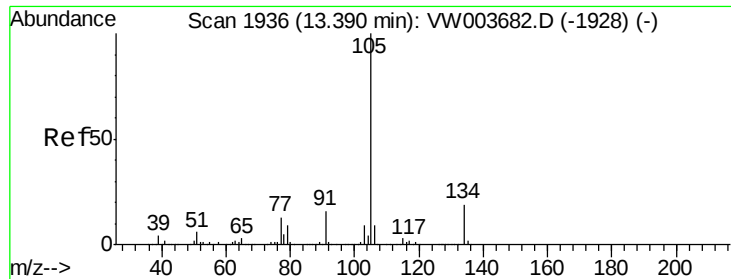
Tot Ion:119 Resp: 479131
Ion Ratio Lower Upper
119 100
91 67.9 33.8 101.3
134 26.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 56.905 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion:105 Resp: 589467
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

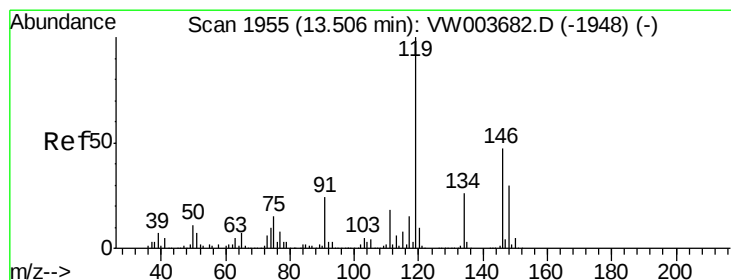
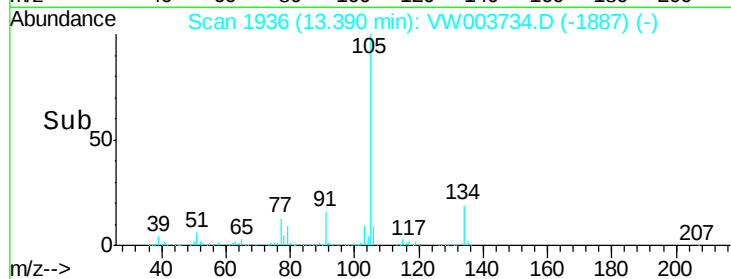
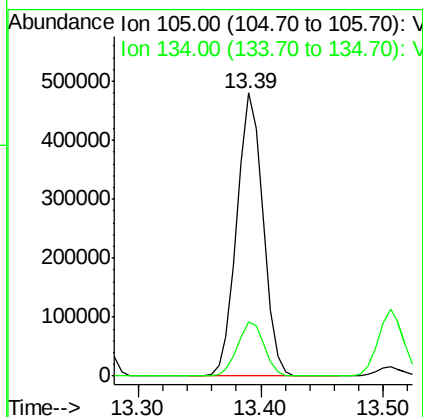
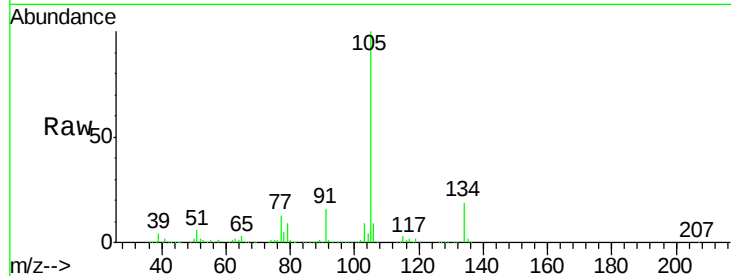




#85
 sec-Butylbenzene
 Concen: 56.095 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

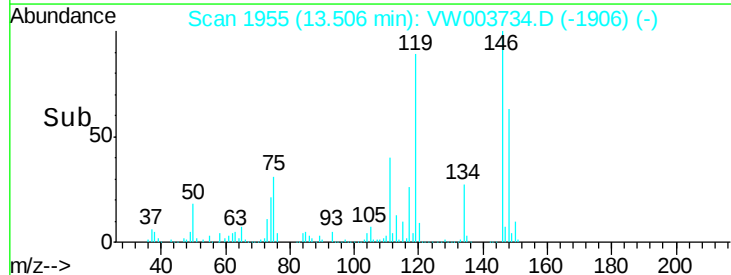
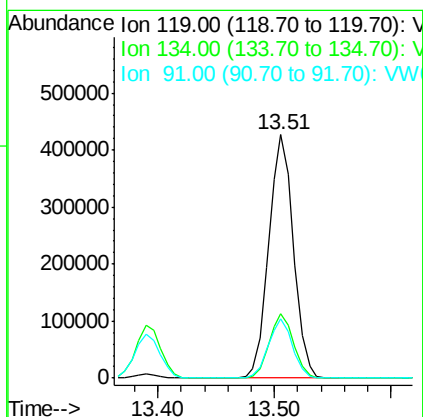
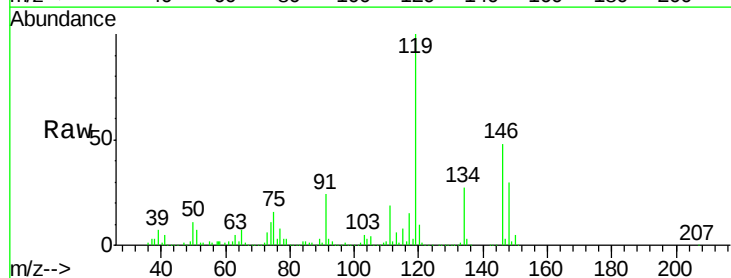
Instrument :
 MSVOA_W
 ClientSampleId :

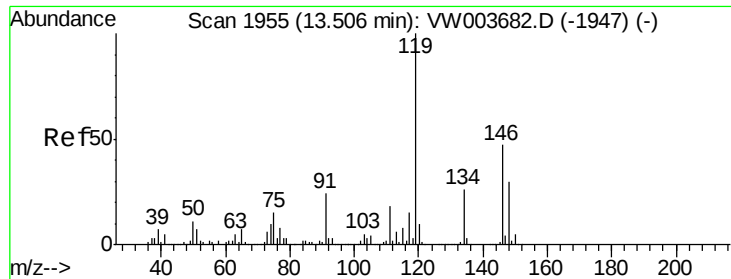
Tot Ion:105 Resp: 708476
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 56.869 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion:119 Resp: 628232
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.8 11.8 35.4

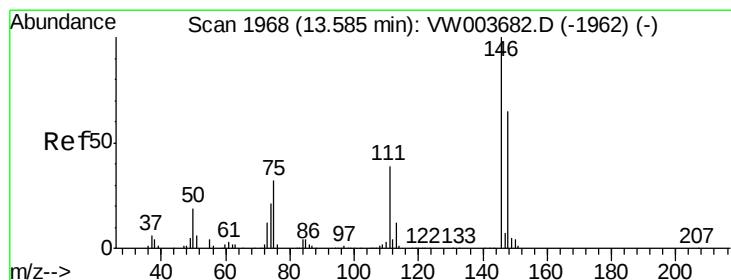
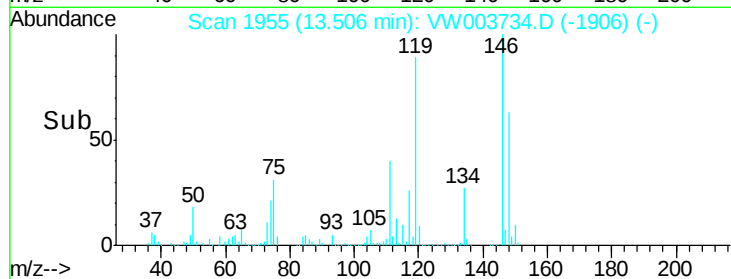
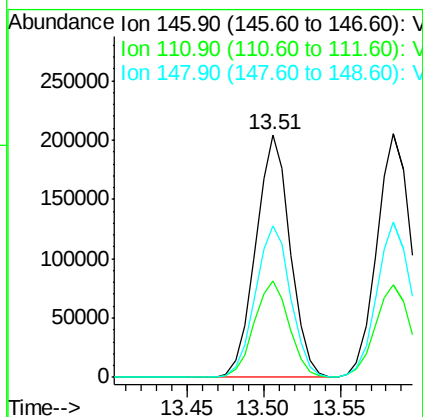
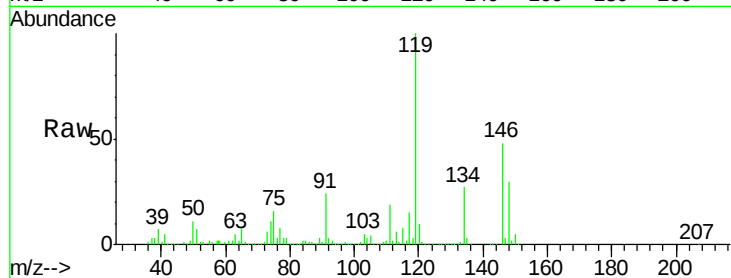




#87
 1,3-Dichlorobenzene
 Concen: 55.212 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

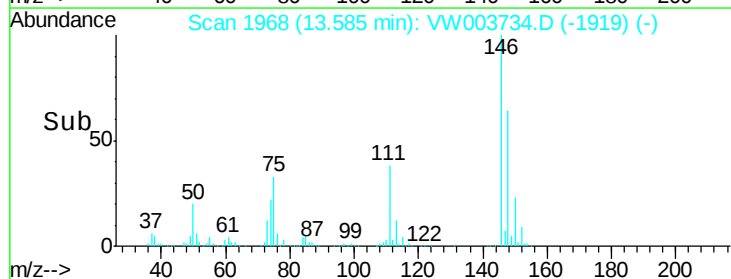
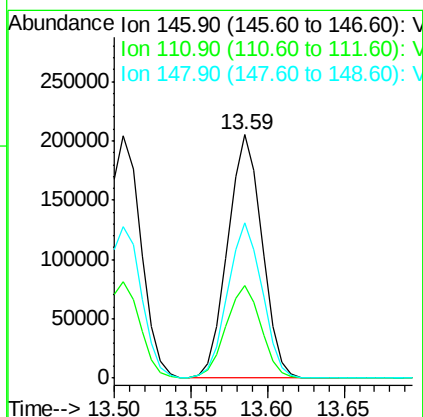
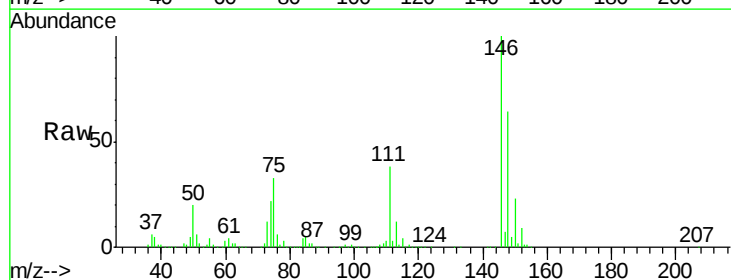
Instrument :
 MSVOA_W
 ClientSampleId :

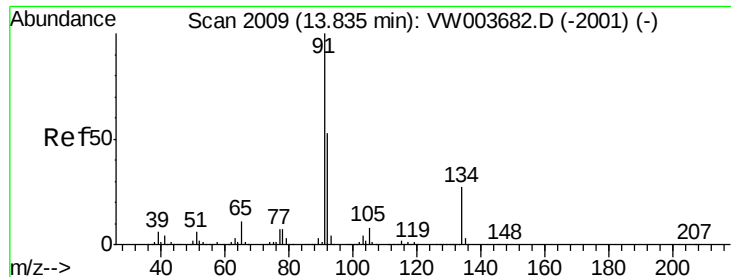
Tot Ion:146 Resp: 319862
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 55.101 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion:146 Resp: 318987
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 64.0 32.3 96.9

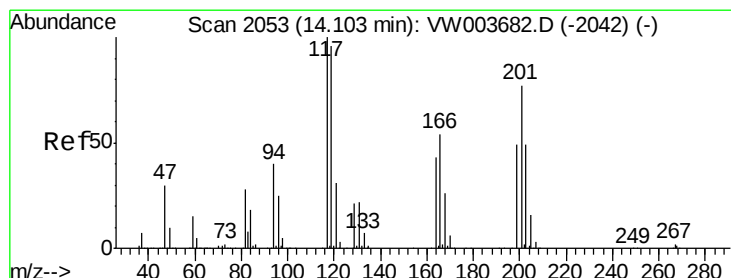
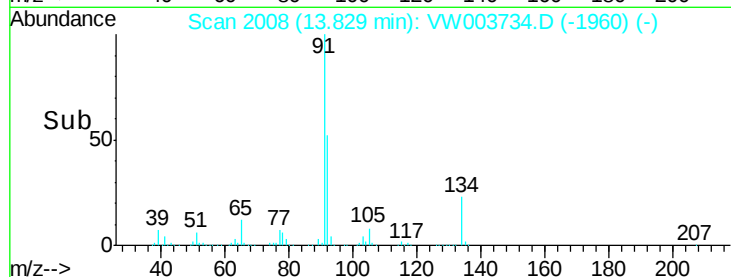
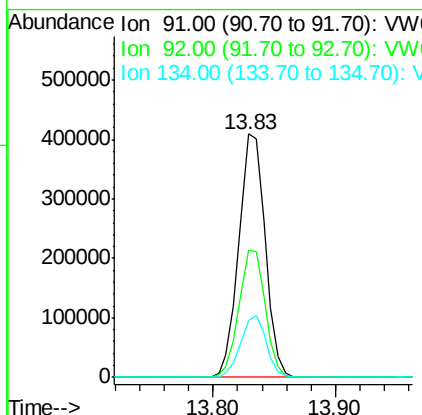
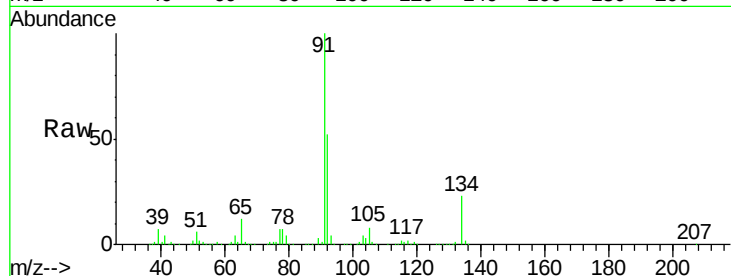




#89
n-Butylbenzene
Concen: 55.891 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

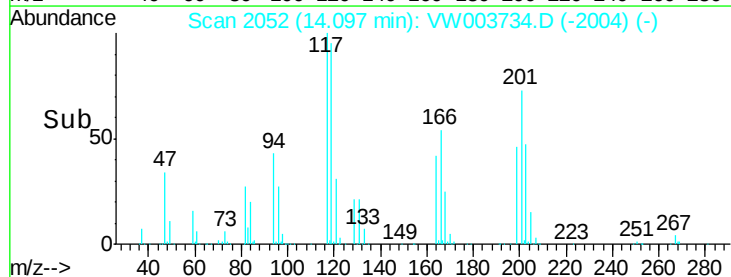
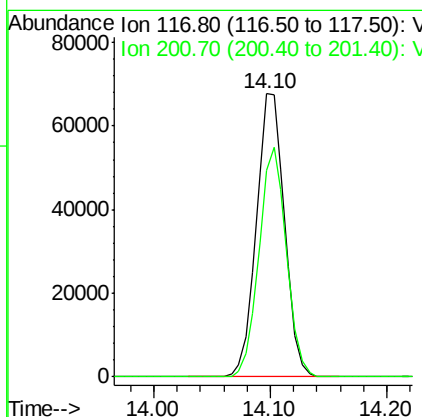
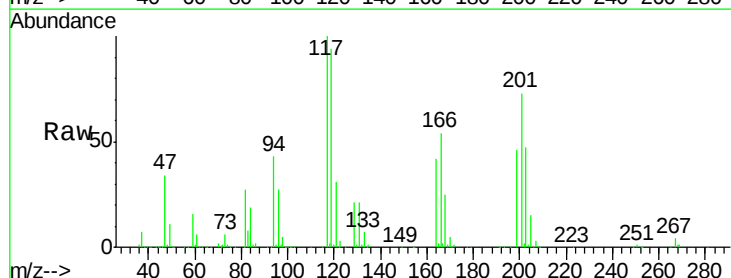
Instrument :
MSVOA_W
ClientSampled :

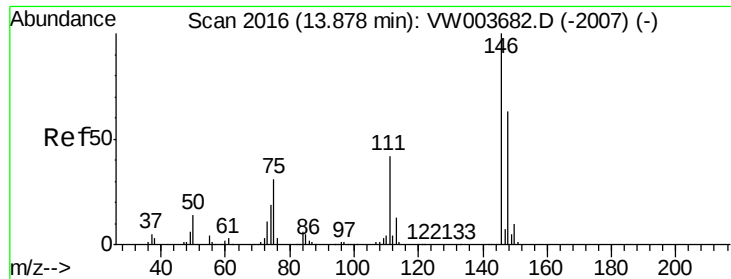
Tot Ion: 91 Resp: 610429
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 24.7 12.7 38.1



#90
Hexachloroethane
Concen: 55.636 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion: 117 Resp: 114184
Ion Ratio Lower Upper
117 100
201 78.7 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 56.497 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003734.D

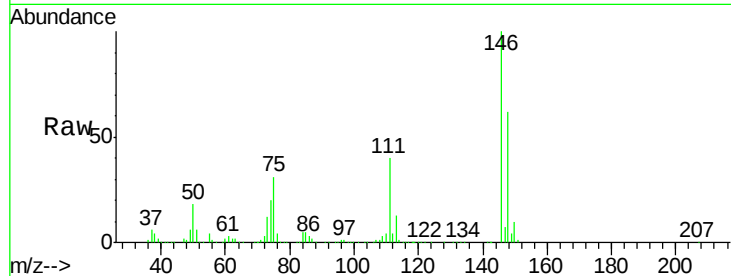
Acq: 05 Jul 2018 20:54

Instrument :

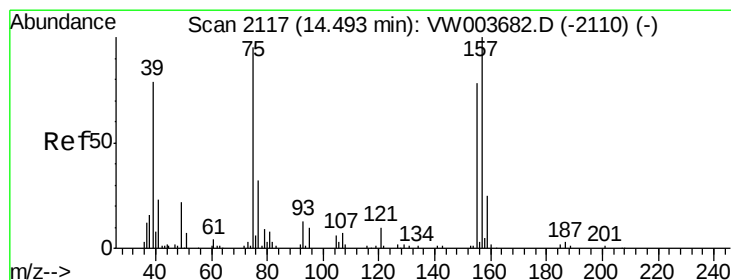
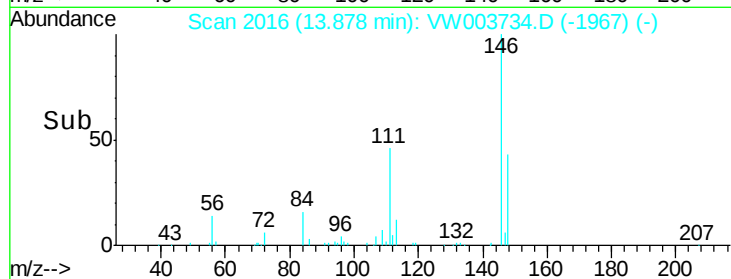
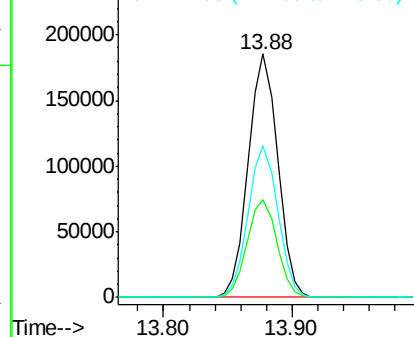
MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	292657
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	62.9	31.9	95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.957 ug/l

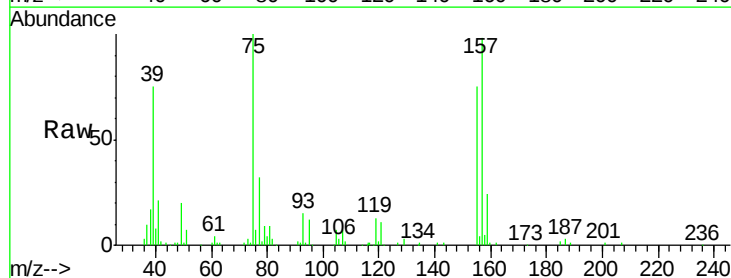
RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

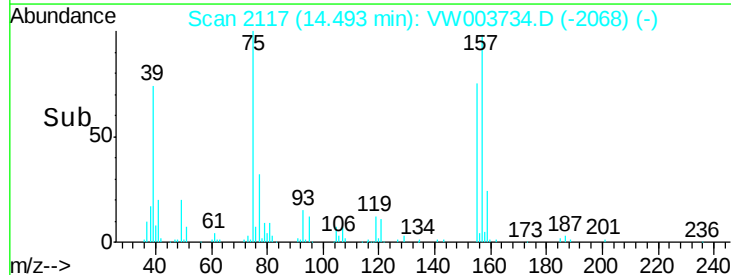
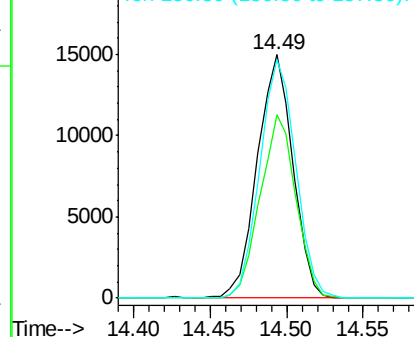
Lab File: VW003734.D

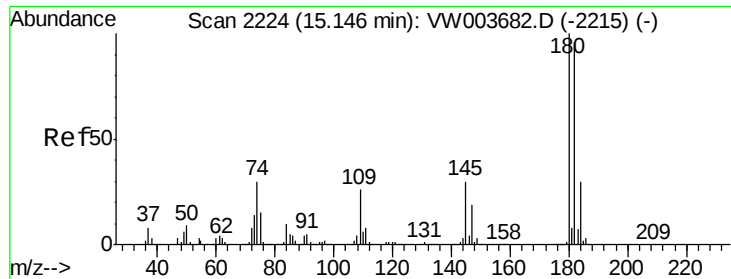
Acq: 05 Jul 2018 20:54

Tgt Ion:	75	Resp:	24304
Ion	Ratio	Lower	Upper
75	100		
155	75.6	40.2	120.6
157	98.8	50.7	152.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

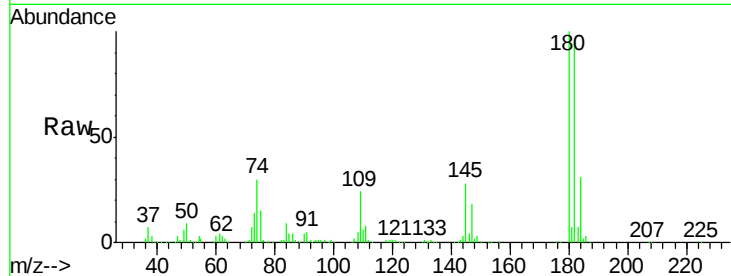




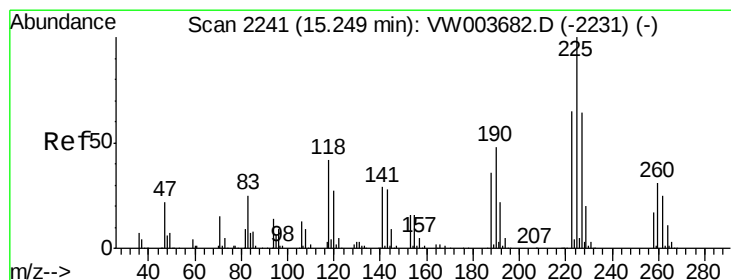
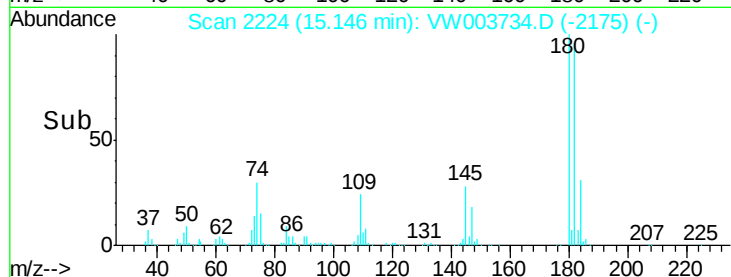
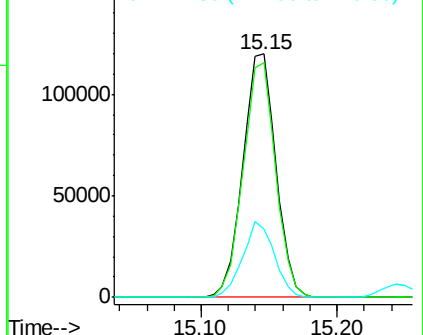
#93
 1,2,4-Trichlorobenzene
 Concen: 55.622 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.8
145	30.0	14.9	44.5

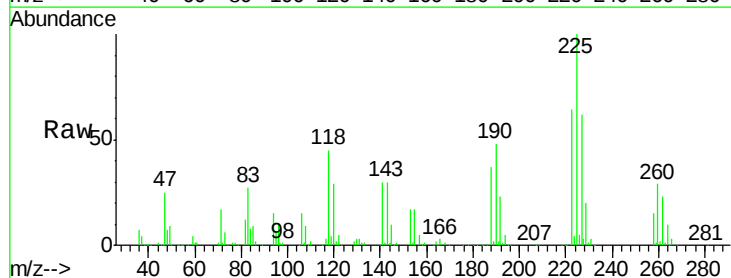


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

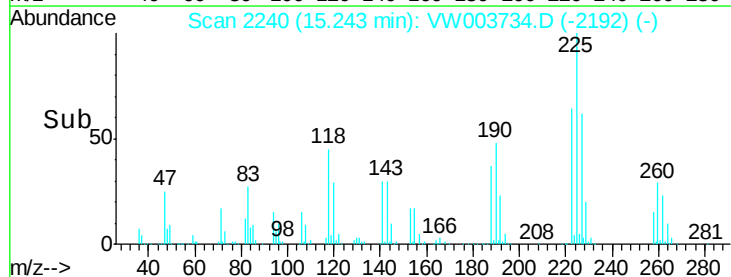
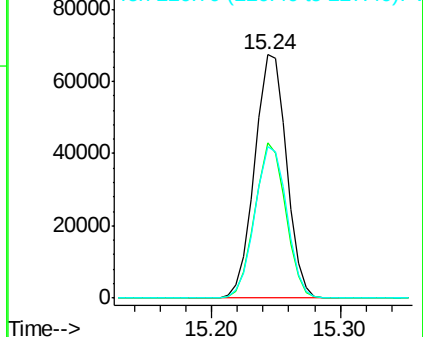


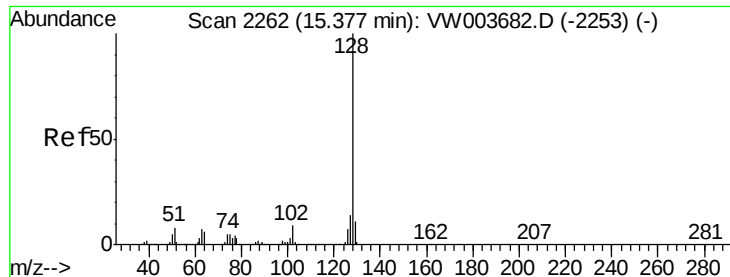
#94
 Hexachlorobutadiene
 Concen: 54.474 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003734.D
 Acq: 05 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.0	96.2
227	62.5	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

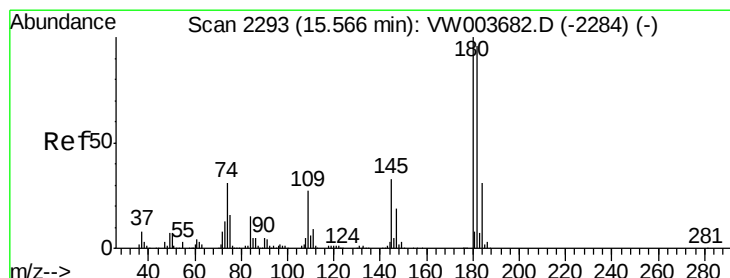
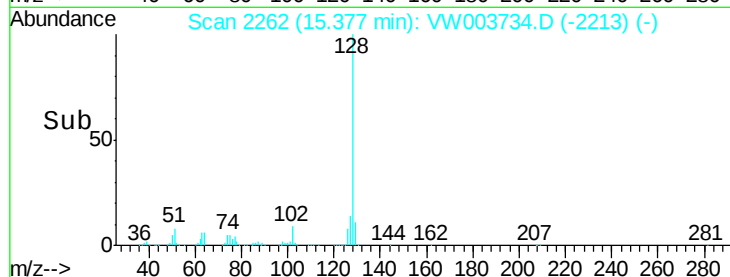
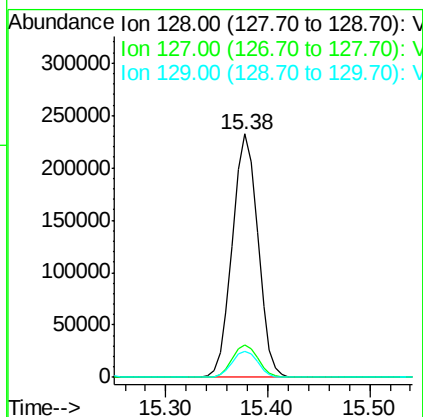
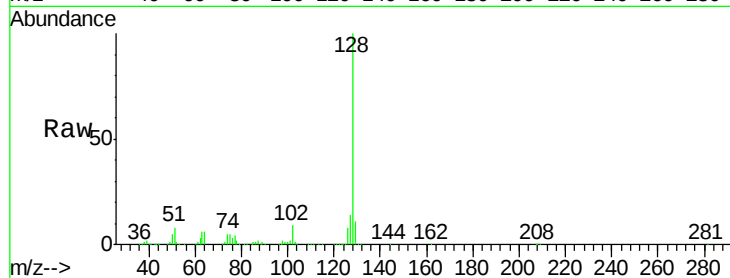




#95
Naphthalene
Concen: 60.730 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 402288
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.767 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003734.D
Acq: 05 Jul 2018 20:54

Tgt Ion:180 Resp: 184695
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.3
145 32.0 15.9 47.7

