

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071618\
 Data File : VW003950.D
 Acq On : 16 Jul 2018 14:07
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 16 14:27:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:22:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	335261	103.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.92%	
35) Dibromofluoromethane	7.88	113	294991	102.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.64%	
50) Toluene-d8	10.33	98	1148254	102.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.10%	
62) 4-Bromofluorobenzene	12.62	95	418025	103.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	159462	106.48	ug/l	99
3) Chloromethane	2.21	50	195338	88.95	ug/l	99
4) Vinyl Chloride	2.36	62	272339	90.42	ug/l	100
5) Bromomethane	2.76	94	175967	91.63	ug/l	99
6) Chloroethane	2.92	64	161131	91.50	ug/l	98
7) Trichlorofluoromethane	3.24	101	108537	85.11	ug/l	98
8) Diethyl Ether	3.67	74	138984	100.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	263934	97.41	ug/l	98
10) Methyl Iodide	4.26	142	399626	99.41	ug/l	100
11) Tert butyl alcohol	5.18	59	122389	604.02	ug/l	99
12) 1,1-Dichloroethene	4.03	96	265471	99.72	ug/l	98
13) Acrolein	3.89	56	110658	487.33	ug/l	96
14) Allyl chloride	4.65	41	455434	98.42	ug/l	99
15) Acrylonitrile	5.36	53	387792	553.53	ug/l	99
16) Acetone	4.12	43	381078	535.93	ug/l	99
17) Carbon Disulfide	4.37	76	837091	97.37	ug/l	100
18) Methyl Acetate	4.67	43	197751	112.83	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	562346	106.41	ug/l	98
20) Methylene Chloride	4.92	84	302153	63.71	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	294357	96.16	ug/l	99
22) Diisopropyl ether	6.31	45	920915	96.85	ug/l	98
23) Vinyl Acetate	6.25	43	3152636	537.93	ug/l	99
24) 1,1-Dichloroethane	6.21	63	547469	95.69	ug/l	99
25) 2-Butanone	7.18	43	564757	573.50	ug/l	97
26) 2,2-Dichloropropane	7.17	77	291944	89.14	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	322726	97.54	ug/l	99
28) Bromochloromethane	7.51	49	212130	87.01	ug/l	99
29) Tetrahydrofuran	7.53	42	358798	581.11	ug/l	100
30) Chloroform	7.67	83	541720	94.60	ug/l	99
31) Cyclohexane	7.95	56	484976	91.38	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	421749	94.69	ug/l	100
36) 1,1-Dichloropropene	8.08	75	442933	96.27	ug/l	99
37) Ethyl Acetate	7.26	43	241673	113.28	ug/l	100
38) Carbon Tetrachloride	8.07	117	416186	97.05	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	546552	103.61	ug/l	99
40) Benzene	8.32	78	1231868	95.90	ug/l	98
41) Methacrylonitrile	7.49	41	129710	107.20	ug/l	97
42) 1,2-Dichloroethane	8.40	62	386845	98.75	ug/l	100
43) Isopropyl Acetate	8.43	43	457495	113.76	ug/l	98
44) Trichloroethene	9.09	130	319842	97.23	ug/l	96
45) 1,2-Dichloropropane	9.37	63	320158	97.45	ug/l	99
46) Dibromomethane	9.46	93	171694	102.04	ug/l	99
47) Bromodichloromethane	9.65	83	415228	99.21	ug/l	98
48) Methyl methacrylate	9.44	41	224594	116.25	ug/l	99
49) 1,4-Dioxane	9.45	88	59131	2326.07	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1223941	572.20	ug/l	99
52) Toluene	10.39	92	767843	96.16	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	452127	104.69	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	505884	102.16	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	231729	97.32	ug/l	100
56) Ethyl methacrylate	10.65	69	345876	115.06	ug/l	99
57) 1,3-Dichloropropane	10.93	76	419191	101.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	729633	503.70	ug/l	100
59) 2-Hexanone	10.98	43	874740	585.10	ug/l	100
60) Dibromochloromethane	11.13	129	285647	103.51	ug/l	99
61) 1,2-Dibromoethane	11.24	107	233891	104.63	ug/l	98
64) Tetrachloroethene	10.87	164	274063	96.45	ug/l	99
65) Chlorobenzene	11.66	112	838075	96.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	296107	97.90	ug/l	100
67) Ethyl Benzene	11.74	91	1526628	99.99	ug/l	99
68) m/p-Xylenes	11.85	106	1156294	198.06	ug/l	99
69) o-Xylene	12.17	106	544267	100.43	ug/l	99
70) Styrene	12.19	104	933046	102.96	ug/l	99
71) Bromoform	12.35	173	181158	108.84	ug/l #	99
73) Isopropylbenzene	12.47	105	1484812	100.13	ug/l	100
74) N-amyl acetate	12.28	43	435000	115.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	297786	106.07	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	404754	187.85	ug/l #	100
77) Bromobenzene	12.76	156	349743	98.70	ug/l	99
78) n-propylbenzene	12.81	91	1812979	99.23	ug/l	100
79) 2-Chlorotoluene	12.90	91	1022616	98.94	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1239609	98.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	103498	116.03	ug/l	98
82) 4-Chlorotoluene	12.99	91	1064395	96.26	ug/l	99
83) tert-Butylbenzene	13.21	119	1057877	100.85	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1283633	99.48	ug/l	99
85) sec-Butylbenzene	13.39	105	1535970	98.14	ug/l	99
86) p-Isopropyltoluene	13.51	119	1365163	99.47	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	684993	96.10	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	678445	94.91	ug/l	99
89) n-Butylbenzene	13.84	91	1335368	98.97	ug/l	99
90) Hexachloroethane	14.10	117	245858	97.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	614187	96.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	54650	110.97	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 14:22:59 2018
Response via : Initial Calibration

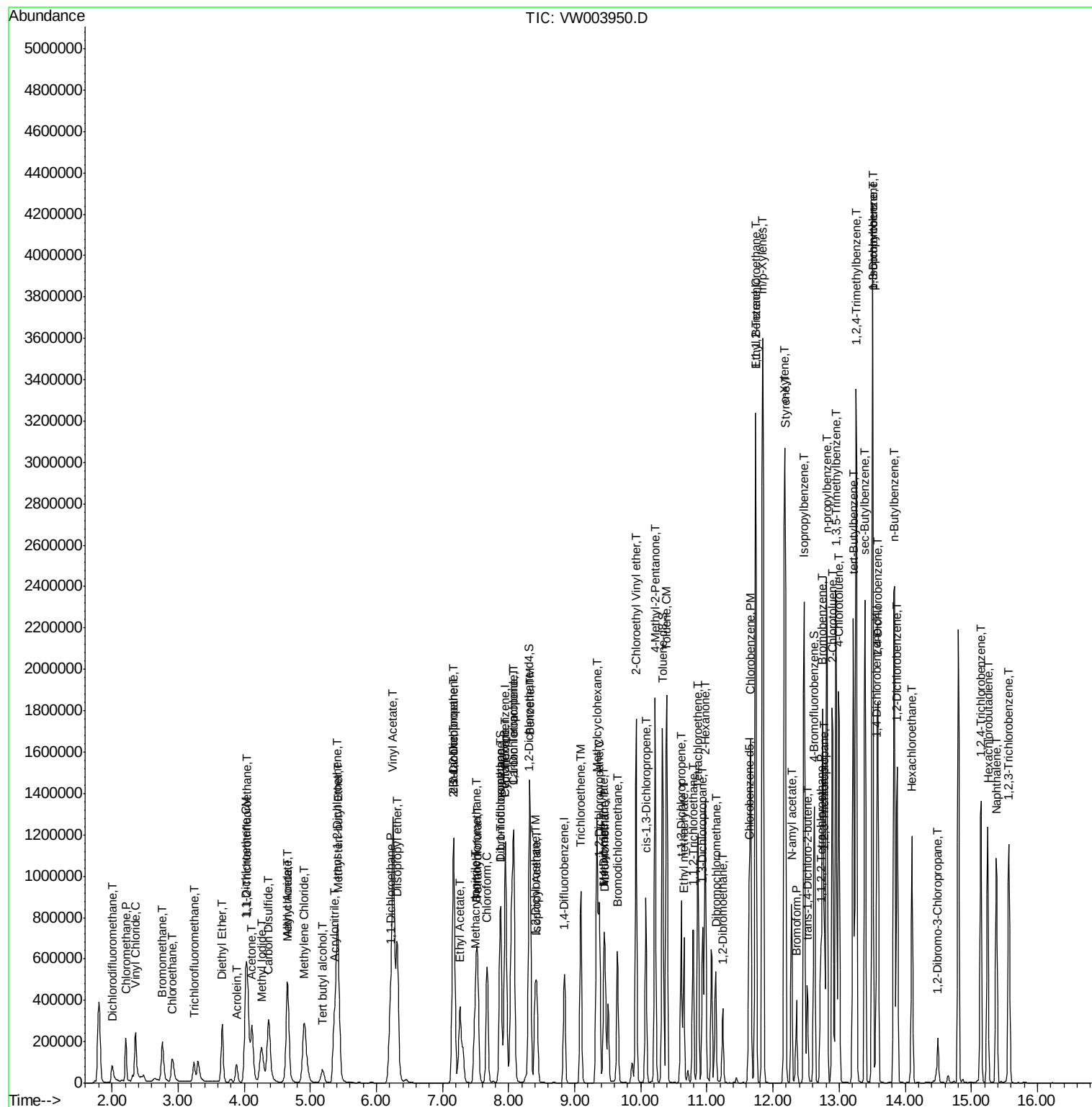
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	442168	100.08	ug/l	99
94) Hexachlorobutadiene	15.25	225	243696	95.81	ug/l	99
95) Naphthalene	15.38	128	918051	115.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	396171	101.73	ug/l	100

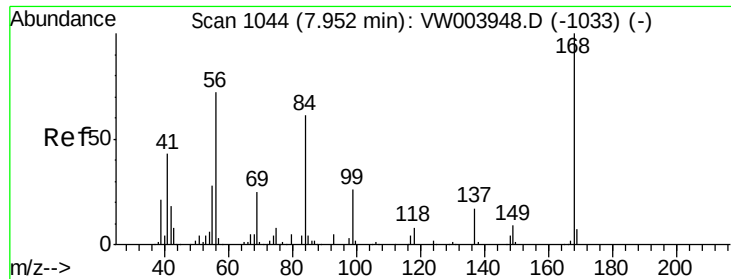
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VW003950.D
 Acq On : 16 Jul 2018 14:07
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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:22:59 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

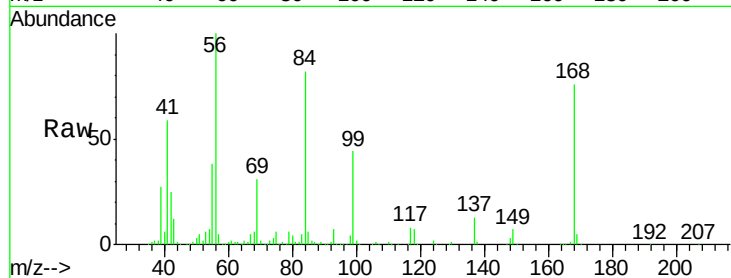
VSTDIC100

Tot Ion:168 Resp: 285883

Ion Ratio Lower Upper

168 100

99 57.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.90 (98.60 to 99.60): VW

7.95

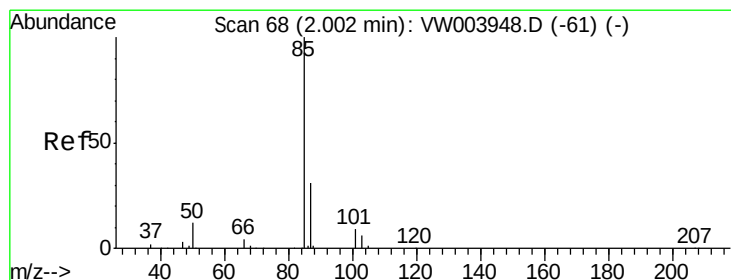
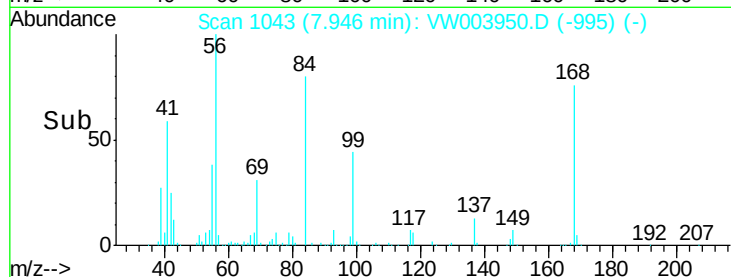
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 106.48 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003950.D

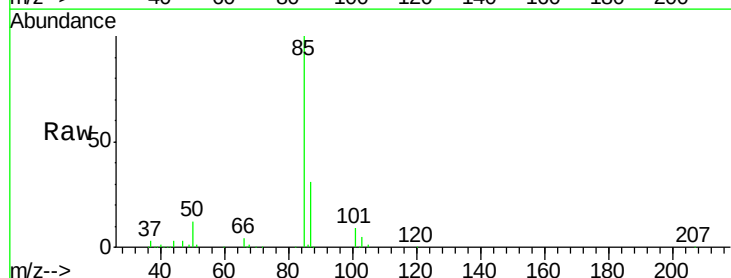
Acq: 16 Jul 2018 14:07

Tgt Ion: 85 Resp: 159462

Ion Ratio Lower Upper

85 100

87 31.4 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

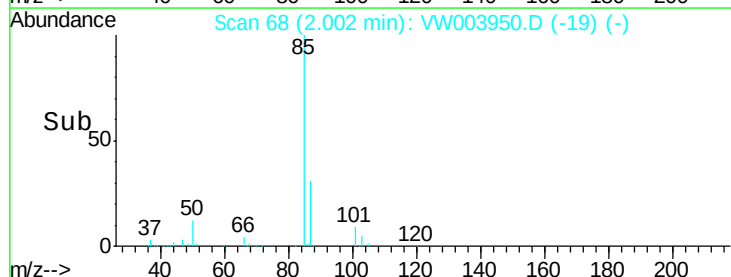
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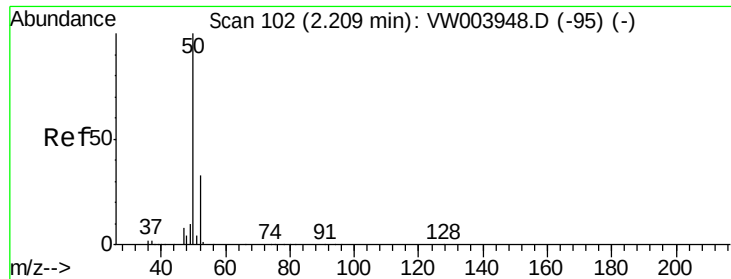
20000

10000

0

Time--> 1.80 2.00 2.20





#3

Chloromethane

Concen: 88.95 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

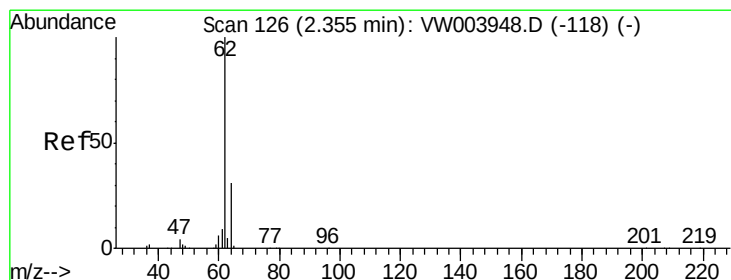
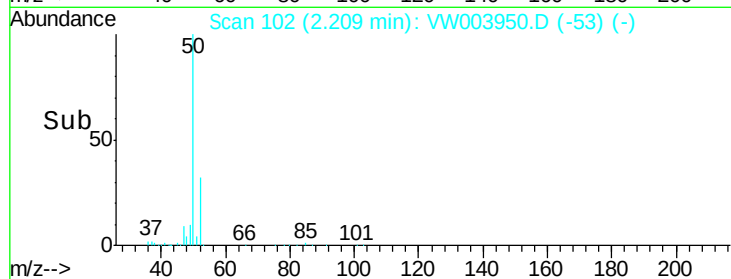
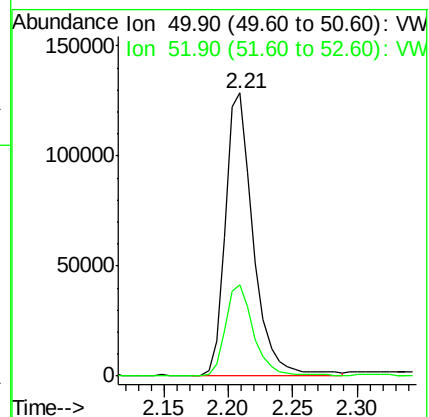
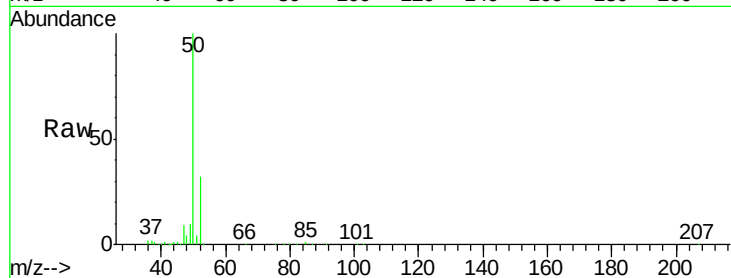
VSTDIC100

Tot Ion: 50 Resp: 195338

Ion Ratio Lower Upper

50 100

52 32.4 26.3 39.5



#4

Vinyl Chloride

Concen: 90.42 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003950.D

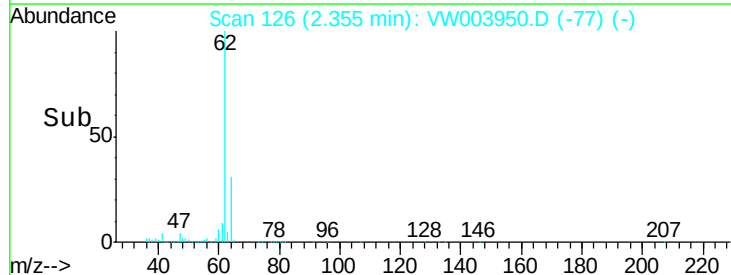
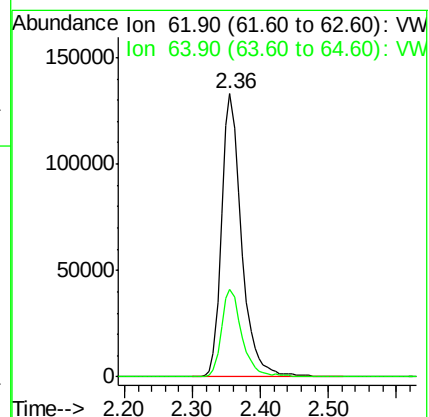
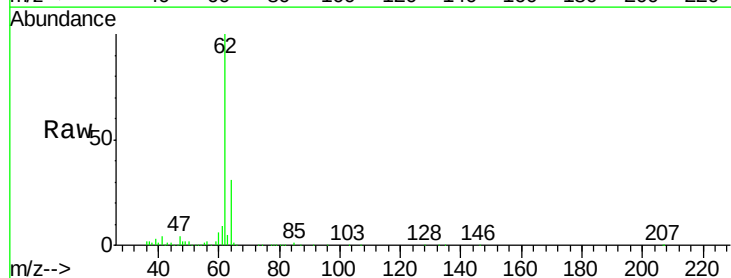
Acq: 16 Jul 2018 14:07

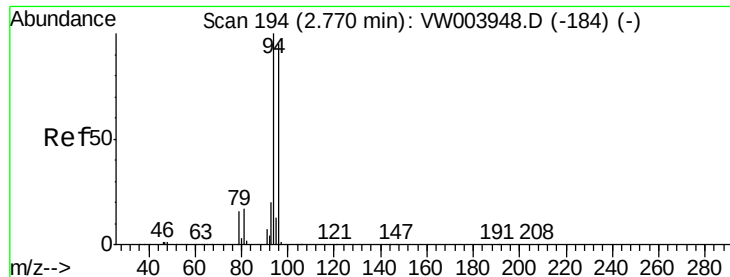
Tgt Ion: 62 Resp: 272339

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.6





#5

Bromomethane

Concen: 91.63 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

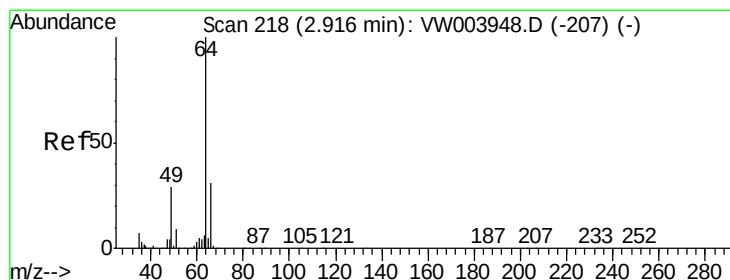
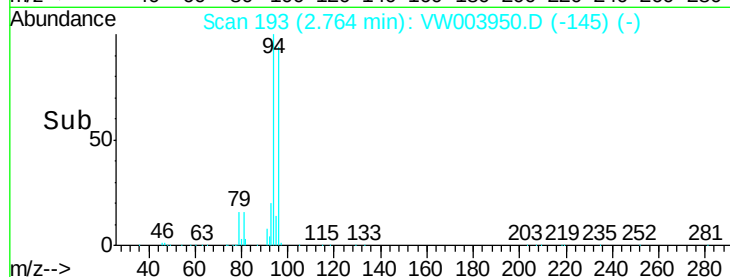
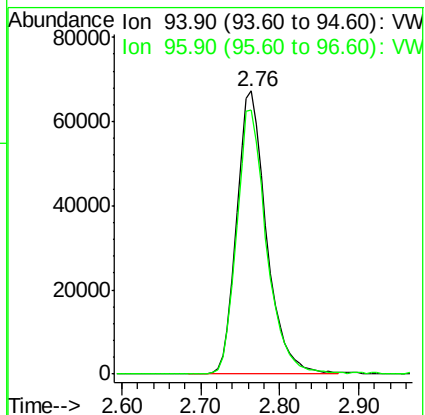
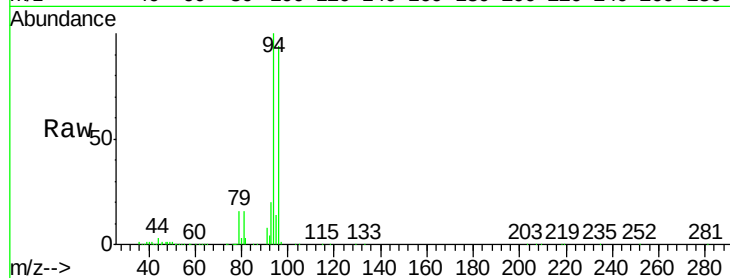
VSTDIC100

Tot Ion: 94 Resp: 175967

Ion Ratio Lower Upper

94 100

96 93.6 75.8 113.6



#6

Chloroethane

Concen: 91.50 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW003950.D

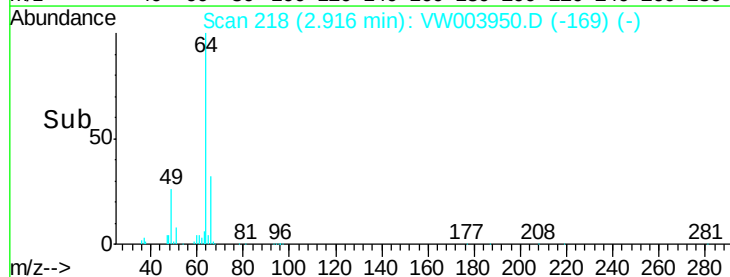
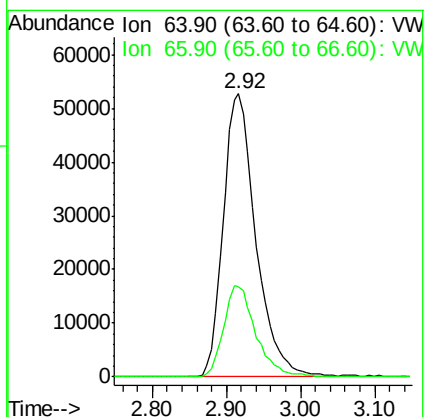
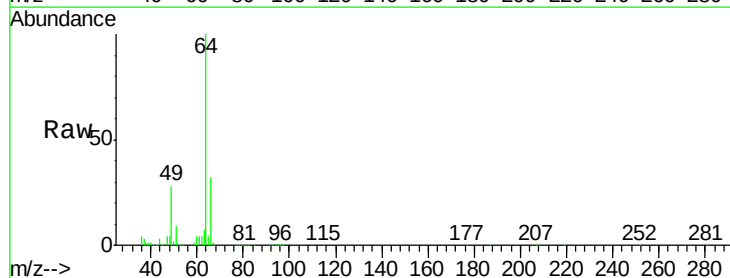
Acq: 16 Jul 2018 14:07

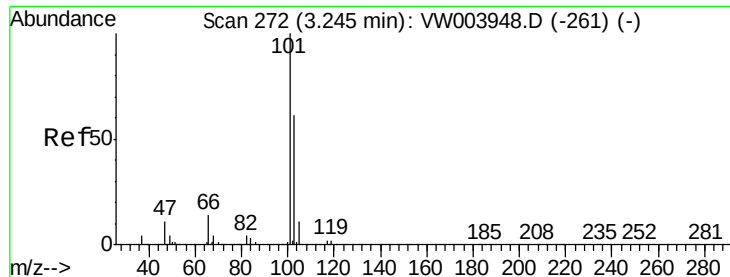
Tgt Ion: 64 Resp: 161131

Ion Ratio Lower Upper

64 100

66 31.8 24.5 36.7



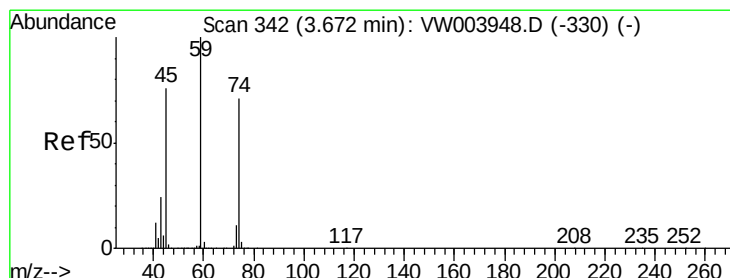
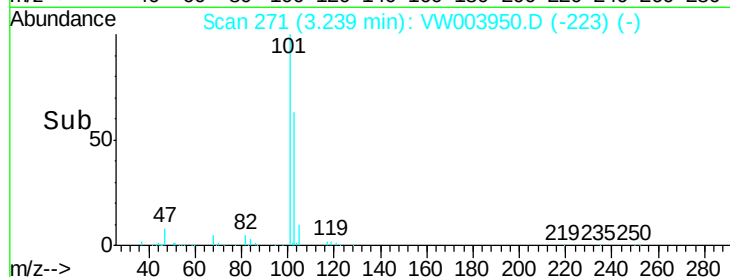
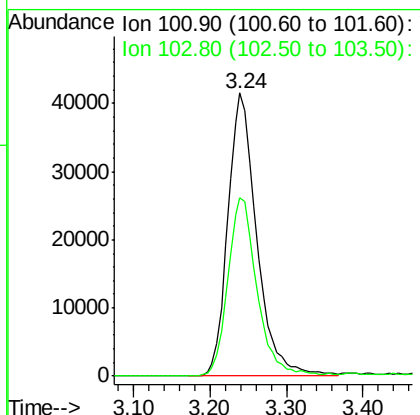
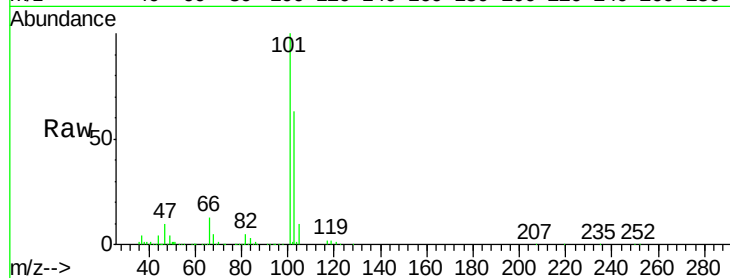


#7

Trichlorofluoromethane
Concen: 85.11 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

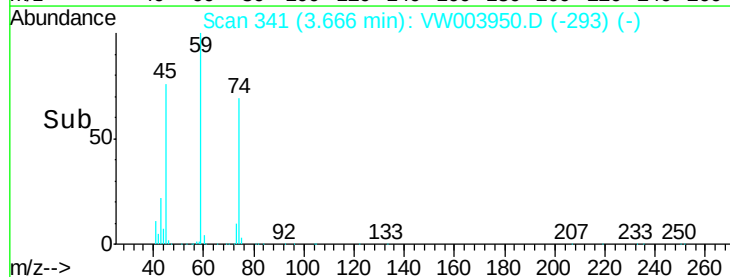
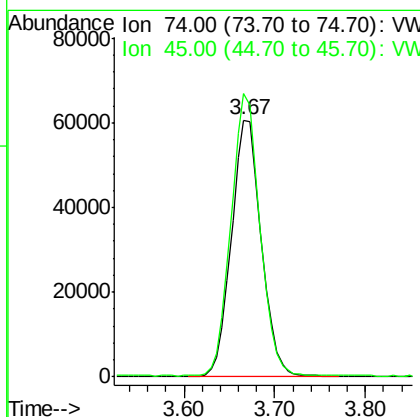
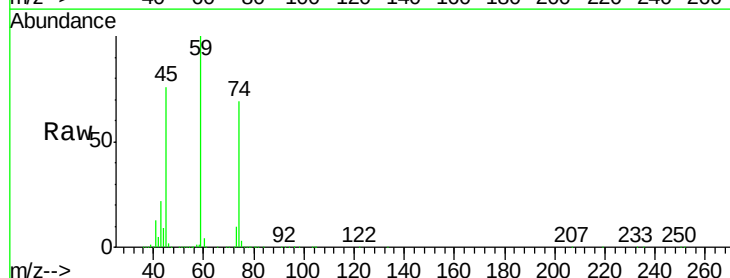
Tot Ion:101 Resp: 108537
Ion Ratio Lower Upper
101 100
103 62.8 49.0 73.6

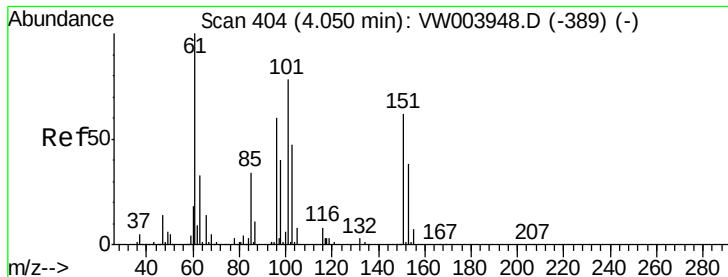


#8

Diethyl Ether
Concen: 100.40 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 74 Resp: 138984
Ion Ratio Lower Upper
74 100
45 105.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.41 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

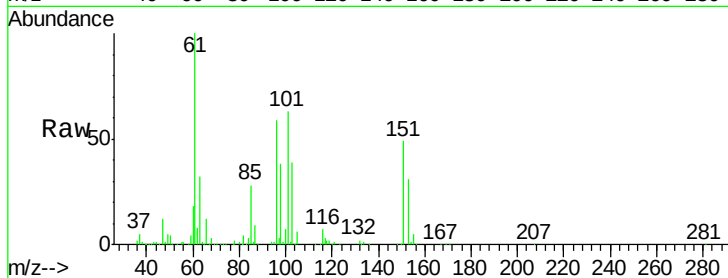
Tot Ion:101 Resp: 263934

Ion Ratio Lower Upper

101 100

85 43.6 35.8 53.6

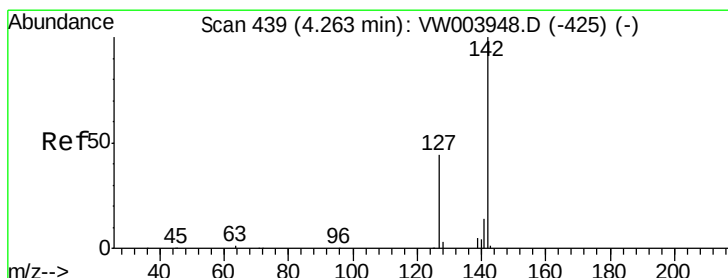
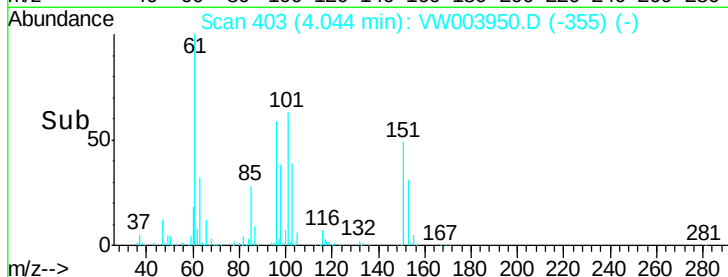
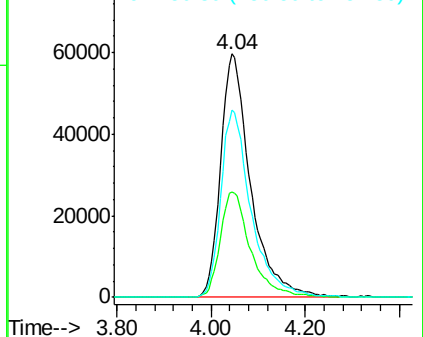
151 77.8 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60):

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50):



#10

Methyl Iodide

Concen: 99.41 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

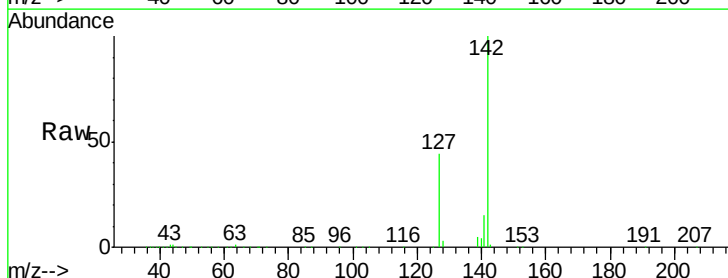
Tgt Ion:142 Resp: 399626

Ion Ratio Lower Upper

142 100

127 44.1 35.4 53.2

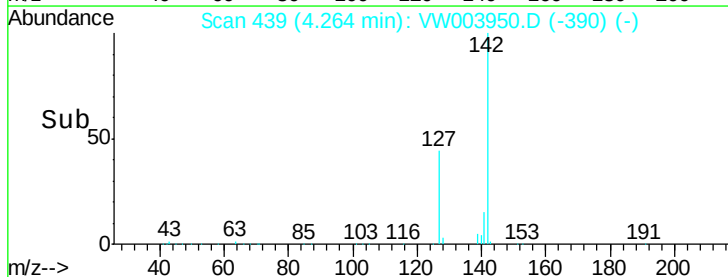
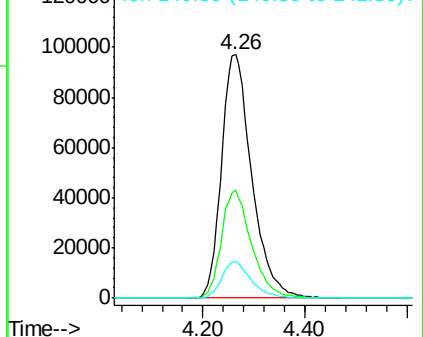
141 14.7 11.7 17.5

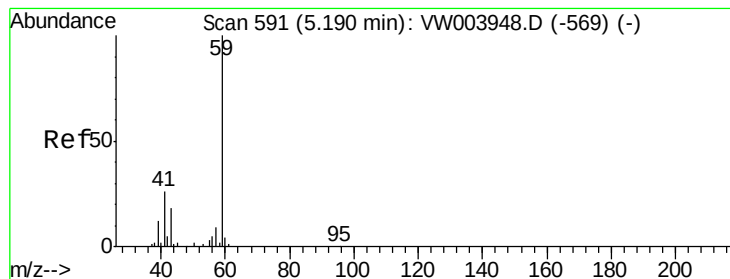


Abundance Ion 141.80 (141.50 to 142.50):

Ion 126.80 (126.50 to 127.50):

Ion 140.80 (140.50 to 141.50):





#11

Tert butyl alcohol

Concen: 604.02 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

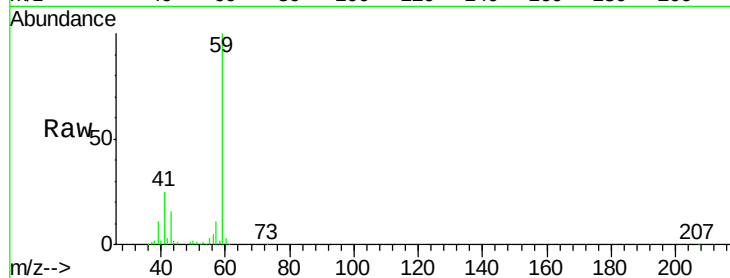
VSTDIC100

Tot Ion: 59 Resp: 122389

Ion Ratio Lower Upper

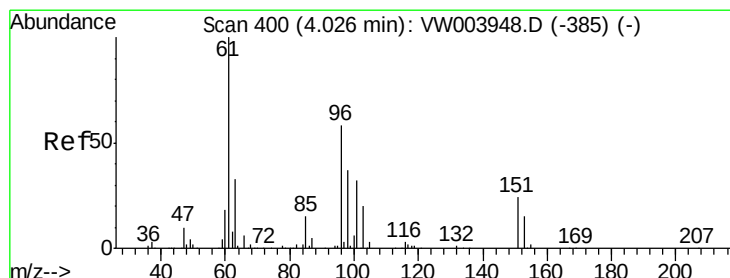
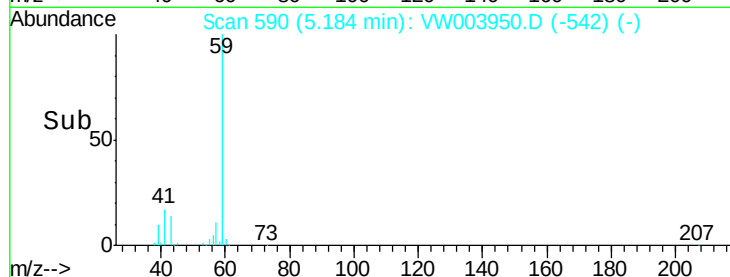
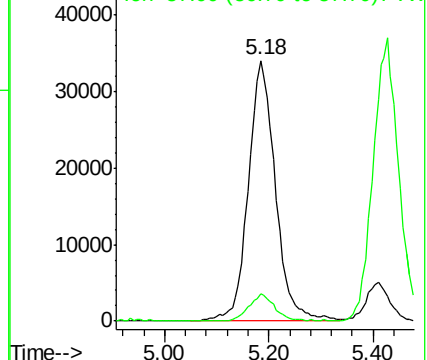
59 100

57 10.1 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 99.72 ug/l

RT: 4.03 min Scan# 400

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

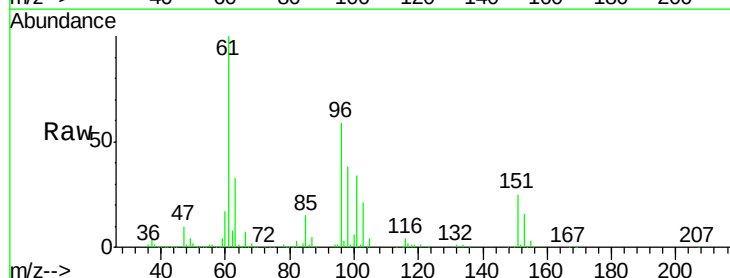
Tgt Ion: 96 Resp: 265471

Ion Ratio Lower Upper

96 100

61 168.4 137.0 205.6

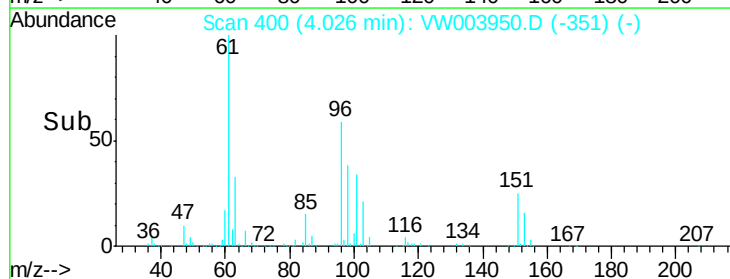
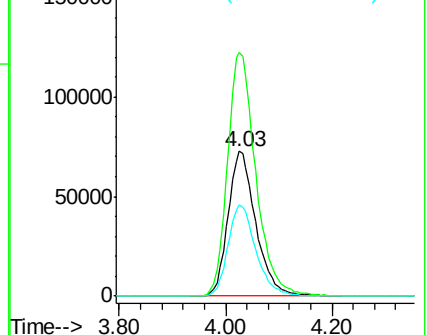
98 63.4 50.2 75.4

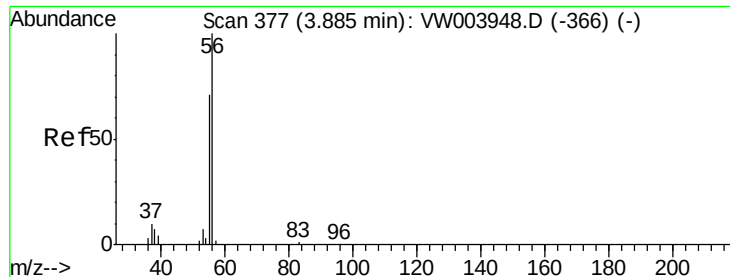


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 487.33 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

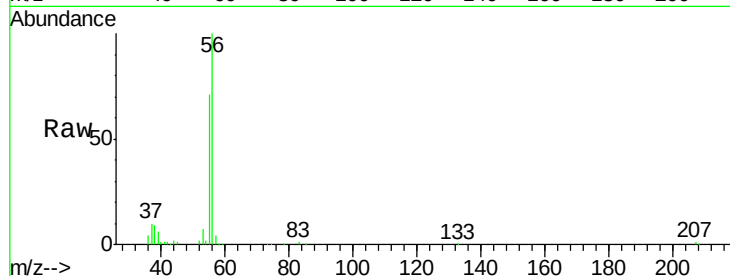
VSTDIC100

Tot Ion: 56 Resp: 110658

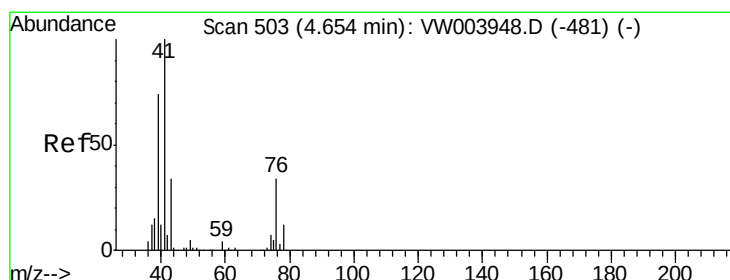
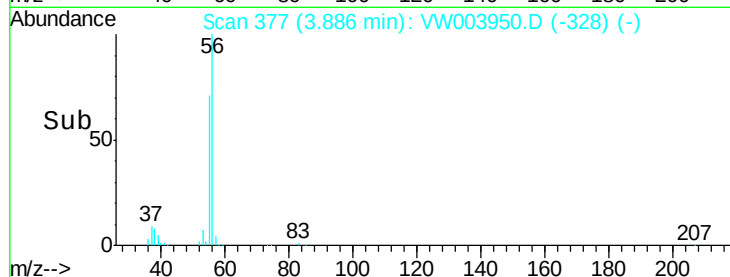
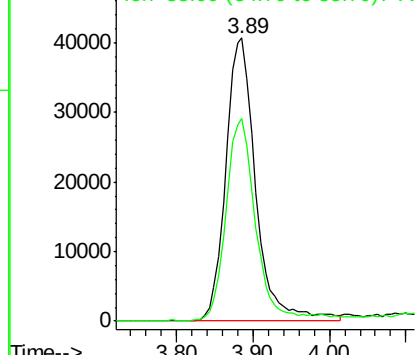
Ion Ratio Lower Upper

56 100

55 69.4 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 98.42 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

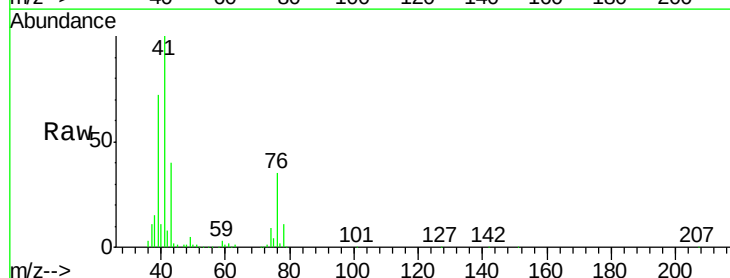
Tgt Ion: 41 Resp: 455434

Ion Ratio Lower Upper

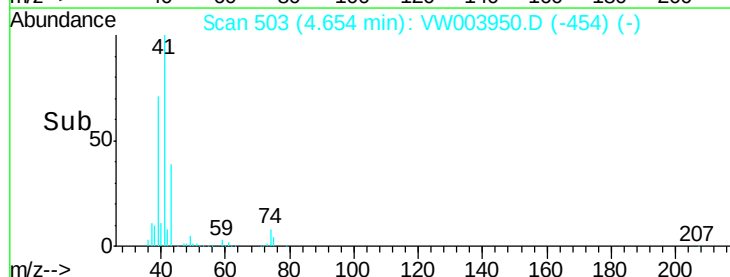
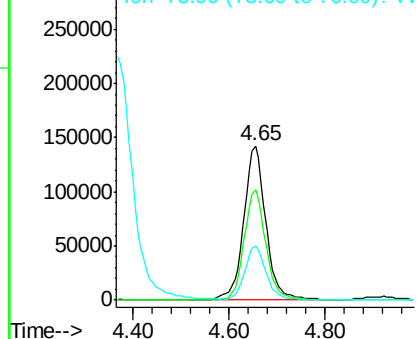
41 100

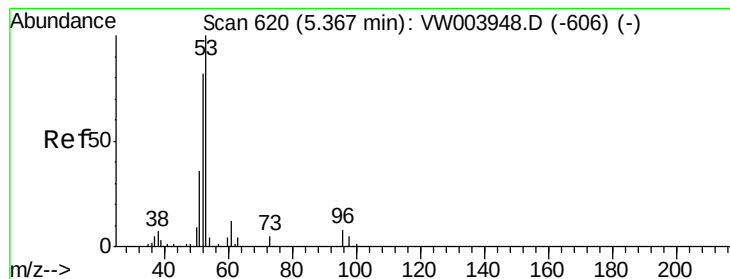
39 70.6 57.0 85.4

76 34.3 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 553.53 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

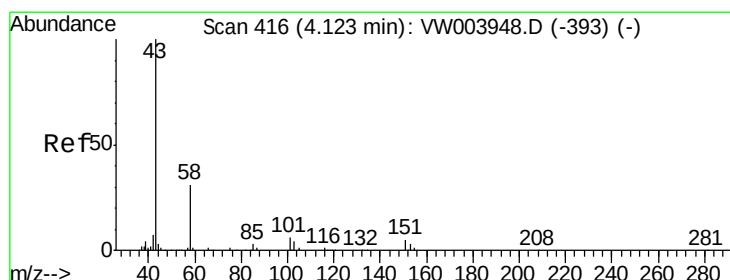
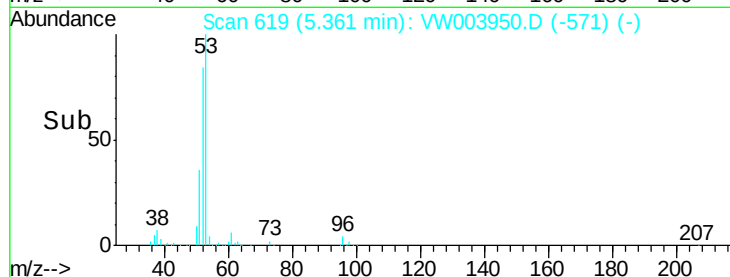
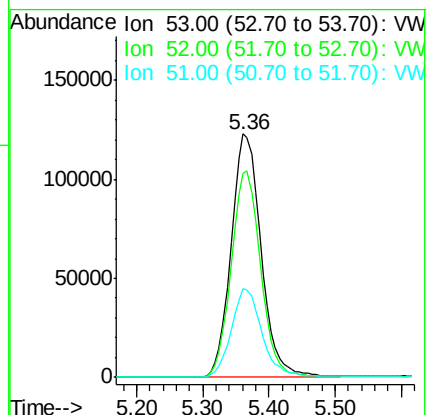
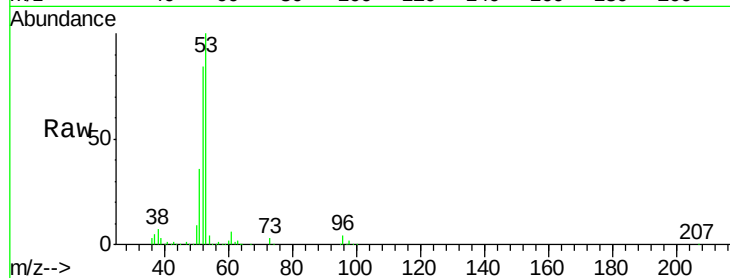
Tot Ion: 53 Resp: 387792

Ion Ratio Lower Upper

53 100

52 83.5 66.1 99.1

51 37.3 29.8 44.6



#16

Acetone

Concen: 535.93 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW003950.D

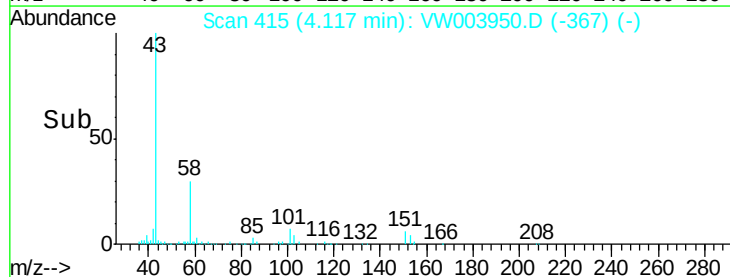
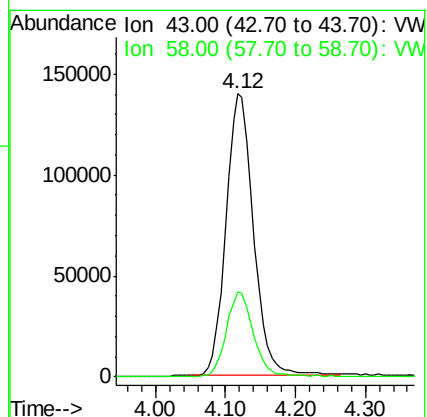
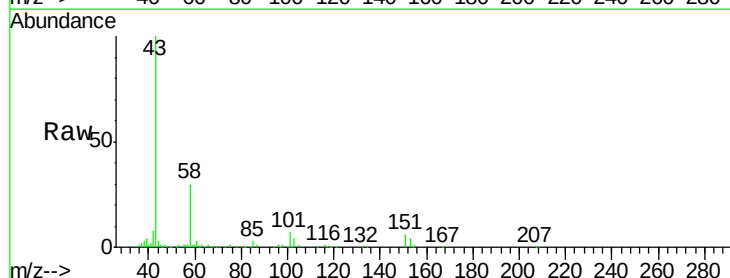
Acq: 16 Jul 2018 14:07

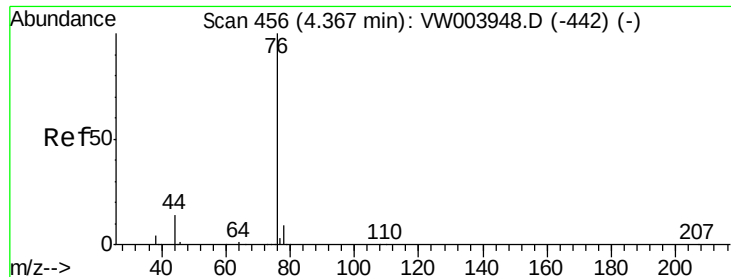
Tgt Ion: 43 Resp: 381078

Ion Ratio Lower Upper

43 100

58 29.9 24.5 36.7

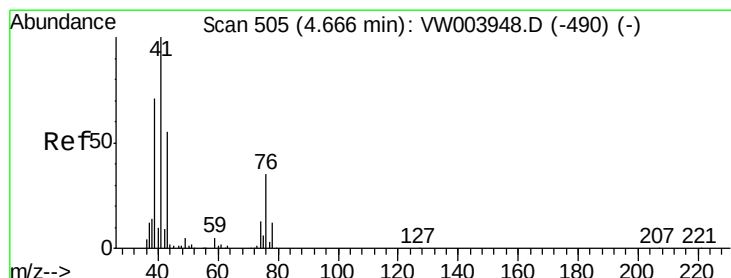
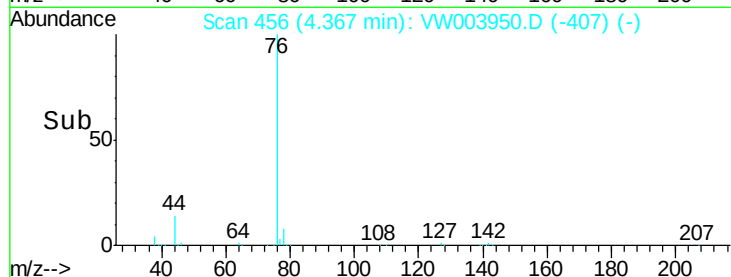
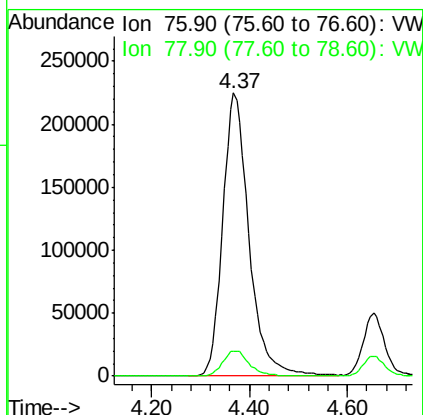
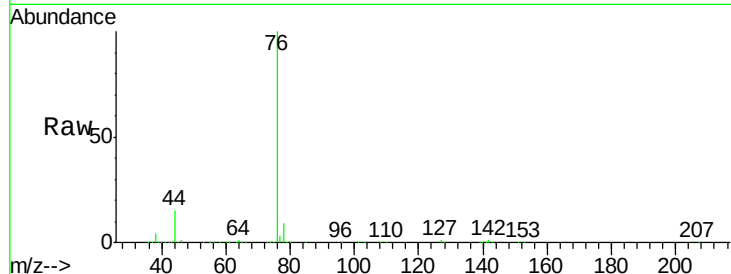




#17
Carbon Disulfide
Concen: 97.37 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

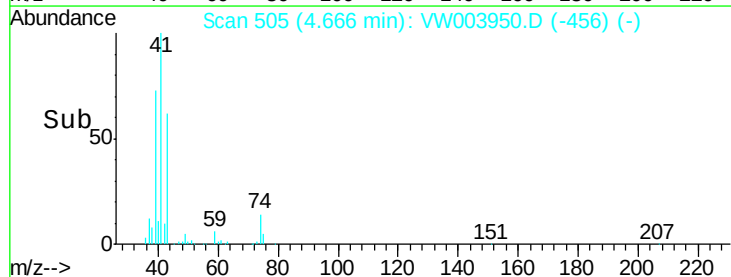
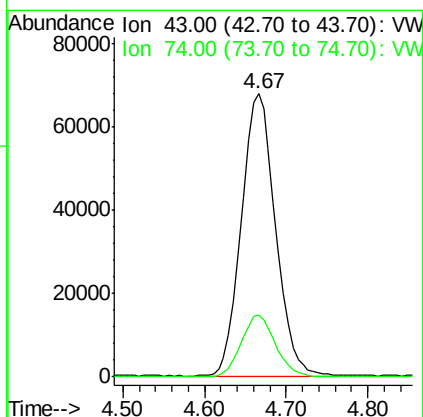
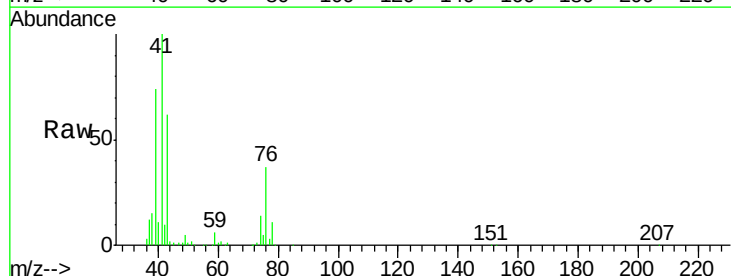
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

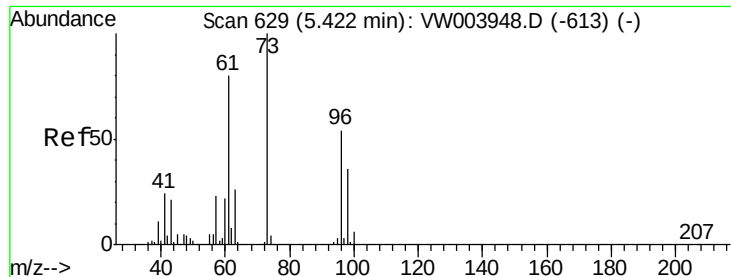
Tot Ion: 76 Resp: 837091
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 112.83 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 43 Resp: 197751
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5

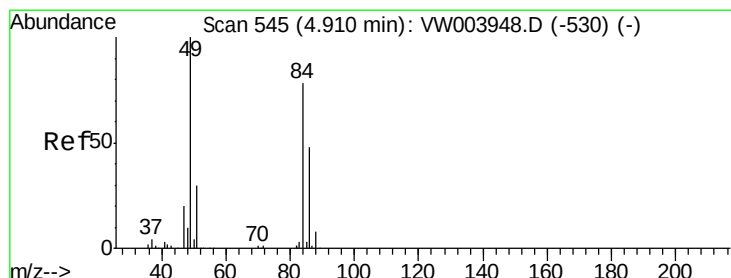
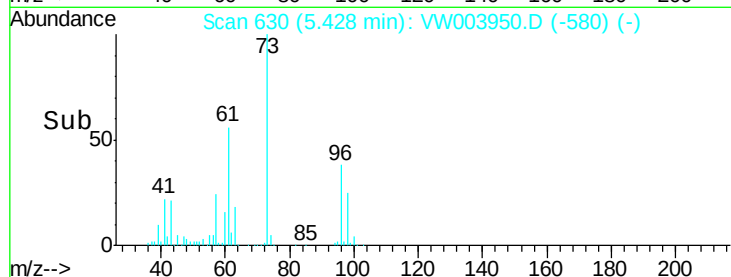
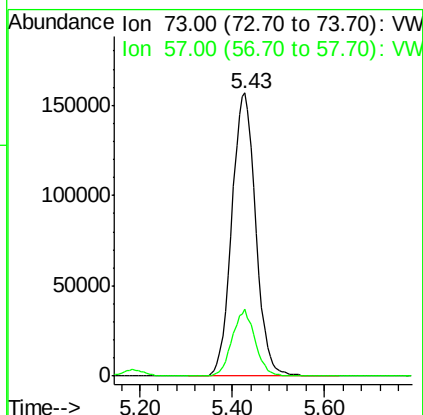
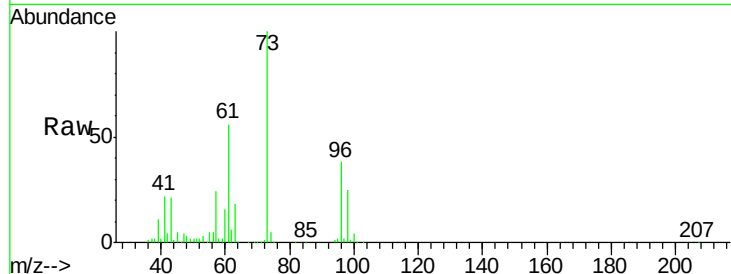




#19
Methyl tert-butyl Ether
Concen: 106.41 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

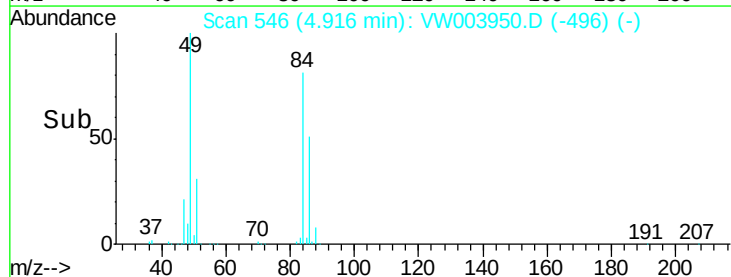
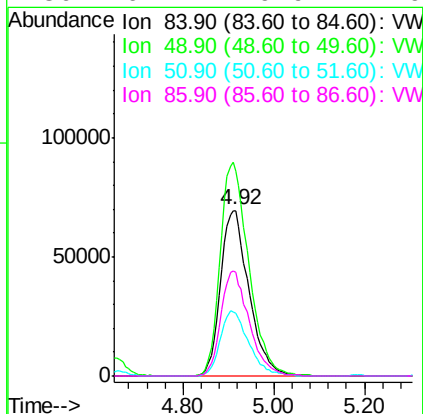
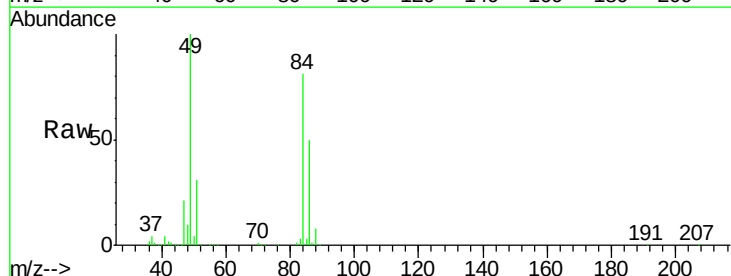
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

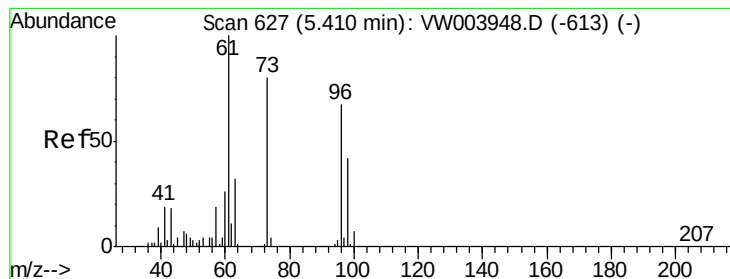
Tot Ion: 73 Resp: 562346
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4



#20
Methylene Chloride
Concen: 63.71 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 84 Resp: 302153
Ion Ratio Lower Upper
84 100
49 123.9 102.9 154.3
51 38.2 30.9 46.3
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 96.16 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

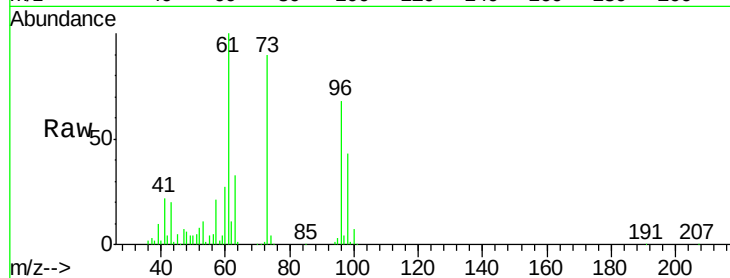
Tot Ion: 96 Resp: 294357

Ion Ratio Lower Upper

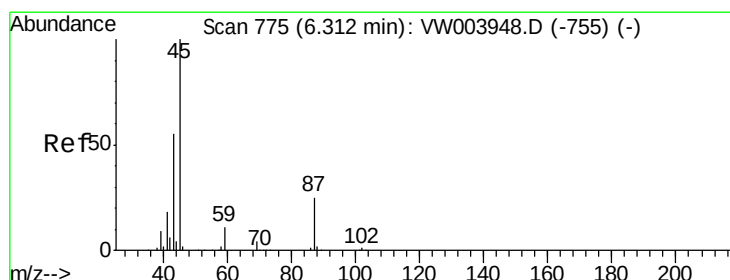
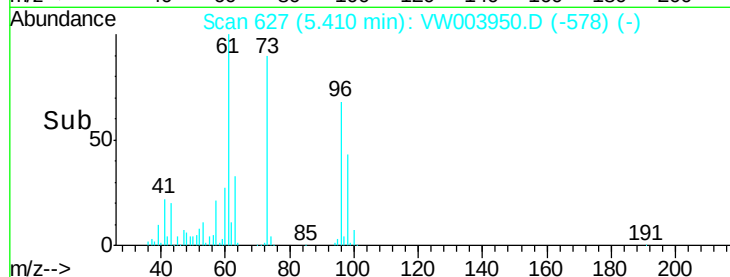
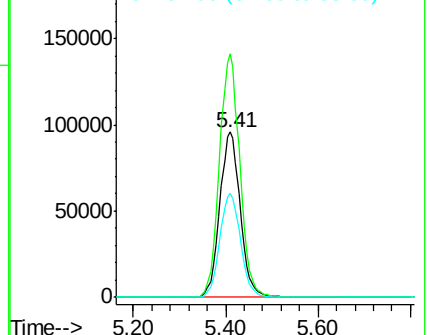
96 100

61 147.4 119.0 178.4

98 63.3 49.9 74.9



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



#22

Diisopropyl ether

Concen: 96.85 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion: 45 Resp: 920915

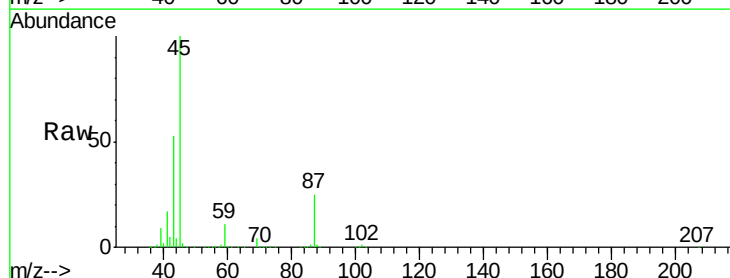
Ion Ratio Lower Upper

45 100

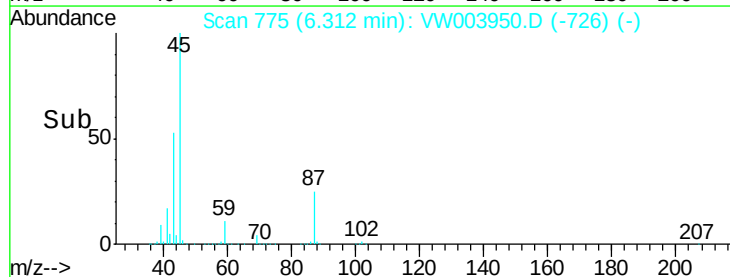
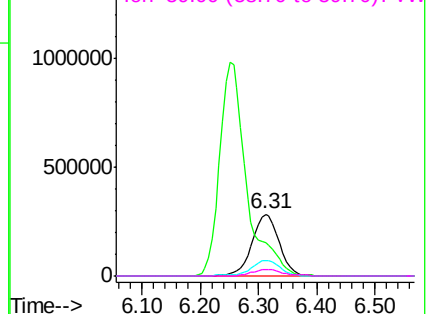
43 52.6 44.3 66.5

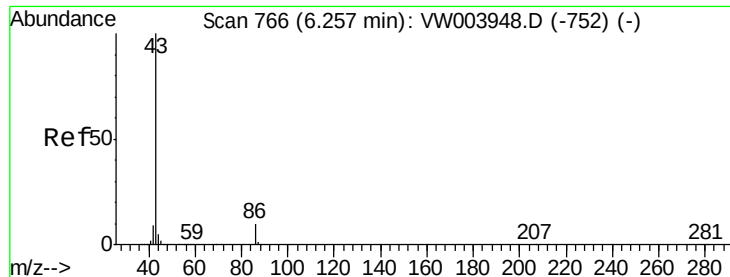
87 25.2 20.2 30.4

59 10.9 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 537.93 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

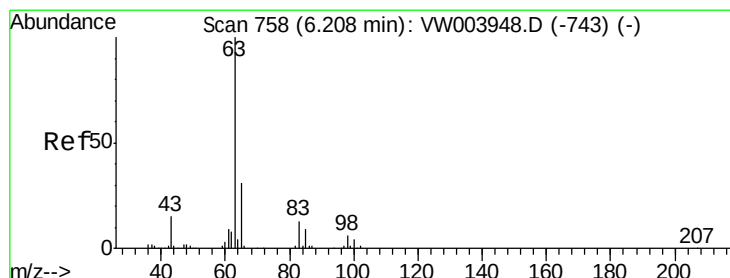
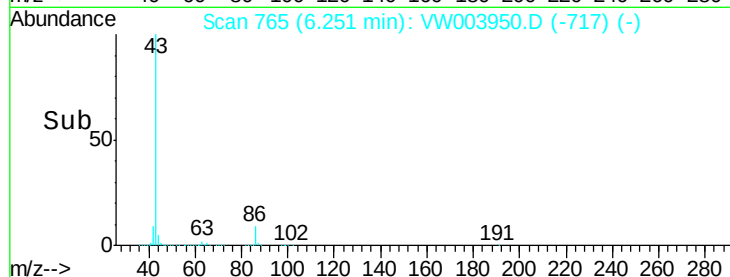
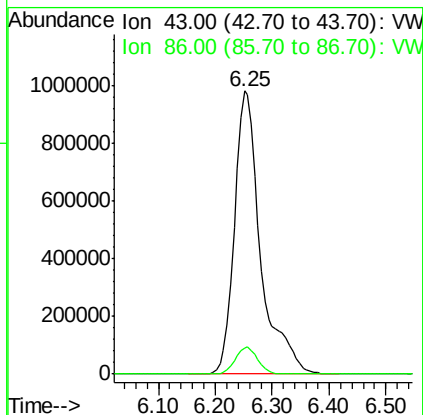
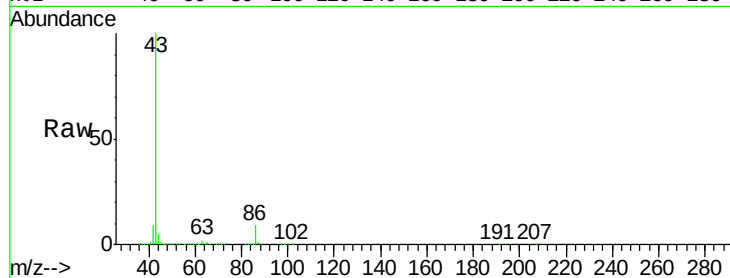
VSTDIC100

Tot Ion: 43 Resp: 3152636

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 95.69 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

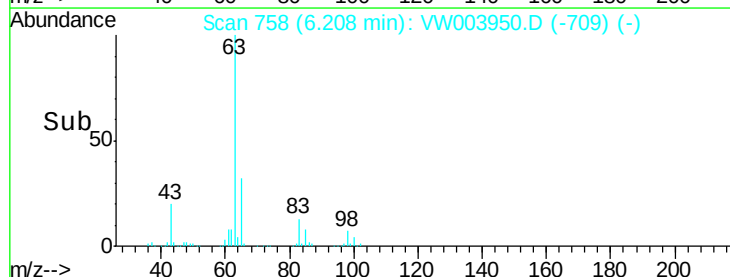
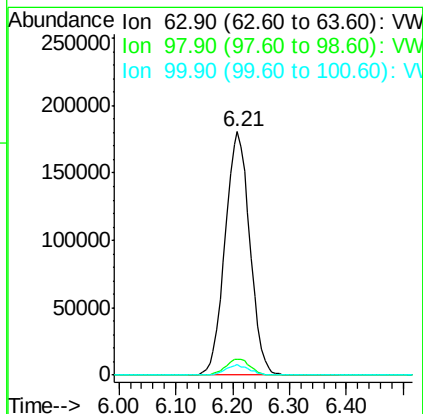
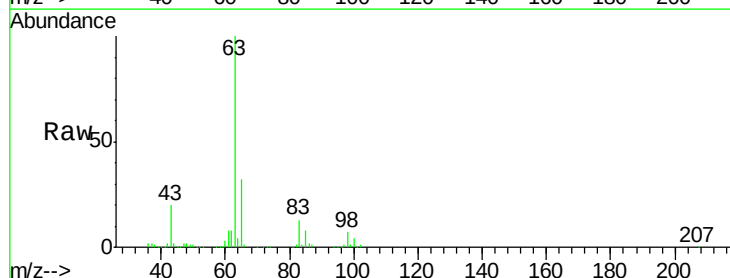
Tgt Ion: 63 Resp: 547469

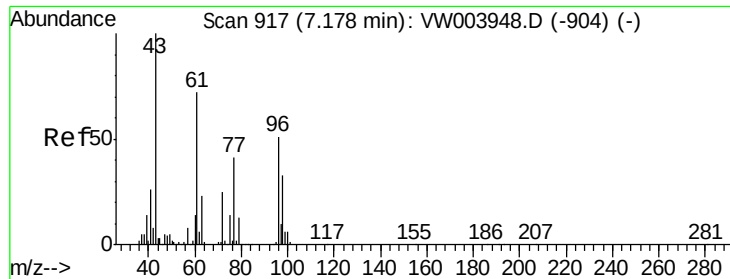
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 573.50 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

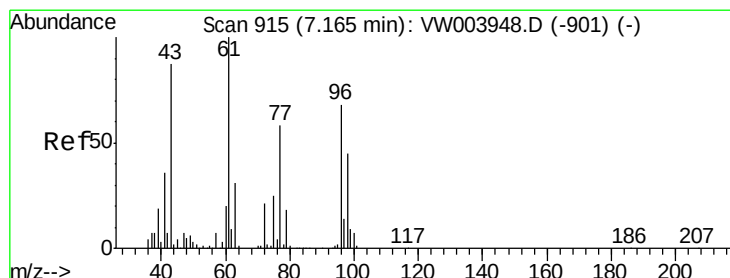
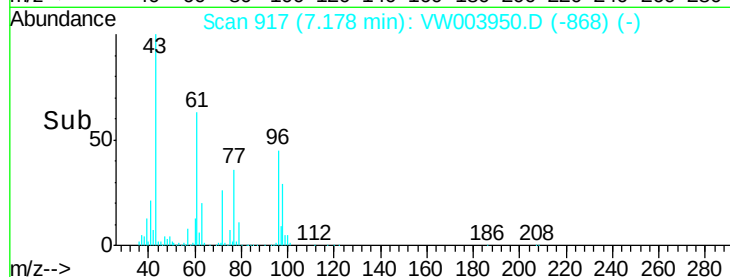
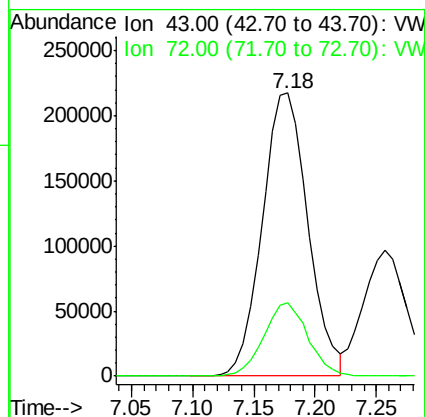
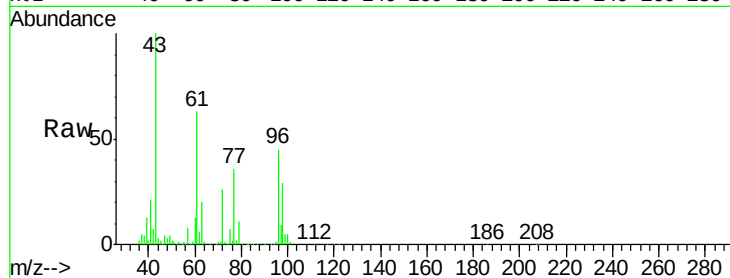
VSTDIC100

Tot Ion: 43 Resp: 564757

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 89.14 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003950.D

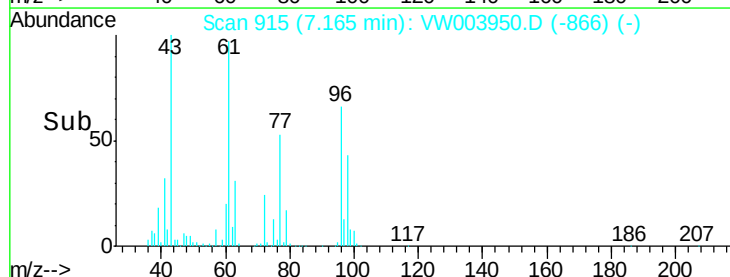
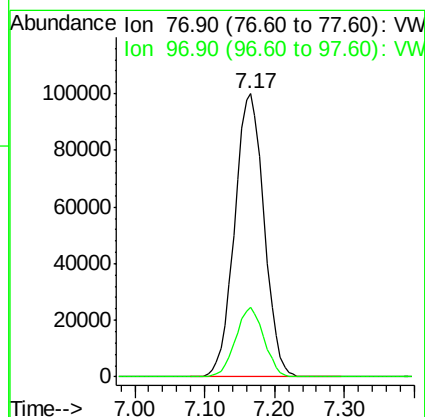
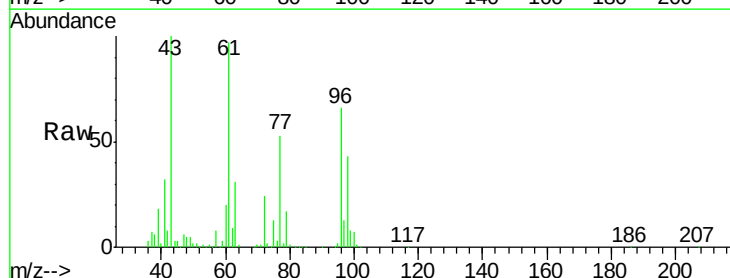
Acq: 16 Jul 2018 14:07

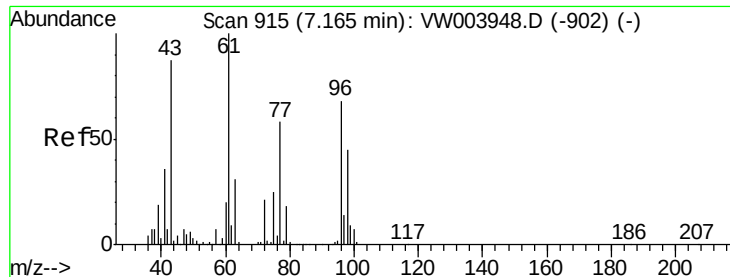
Tgt Ion: 77 Resp: 291944

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3



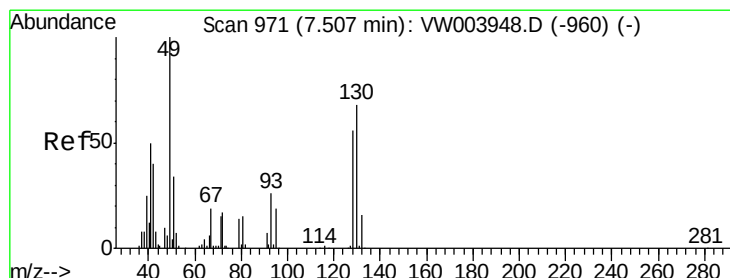
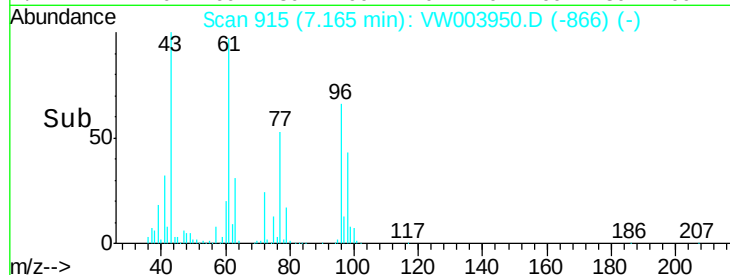
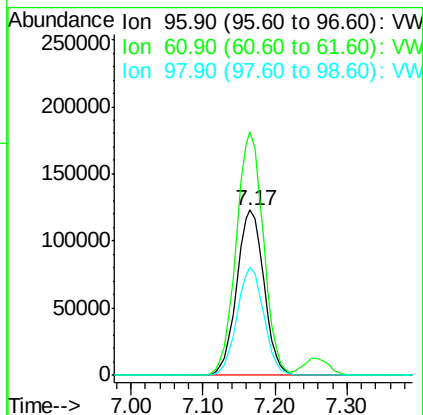
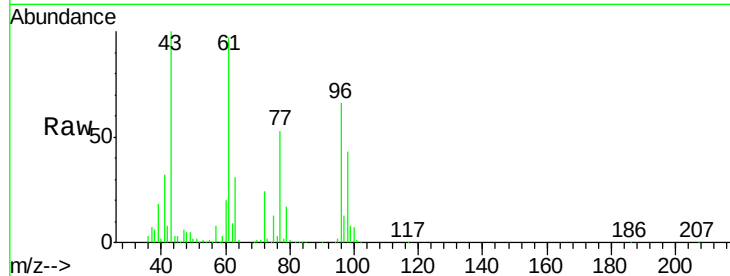


#27

cis-1,2-Dichloroethene
 Concen: 97.54 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

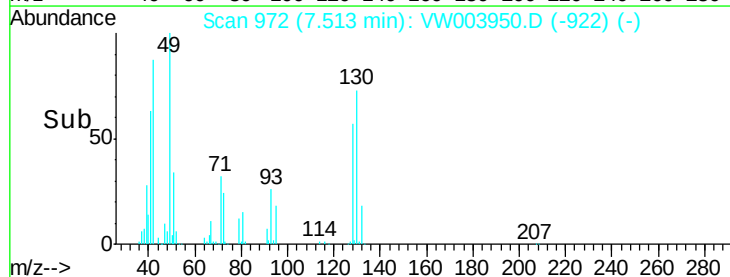
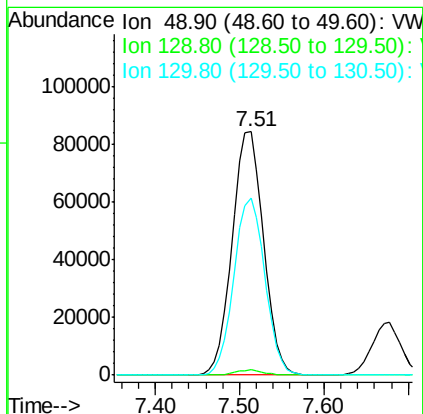
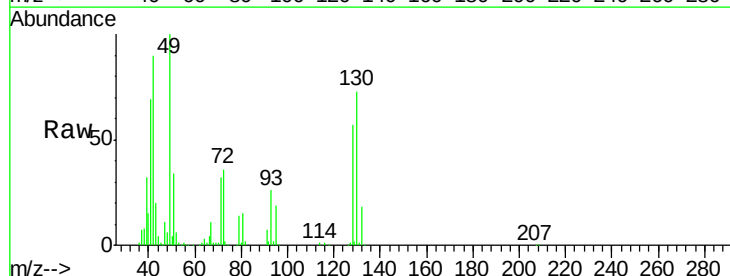
Tot Ion	96	Resp	322726
Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	298.6
98	64.5	0.0	130.4

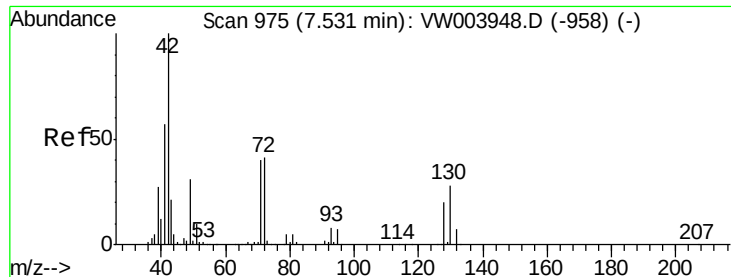


#28

Bromochloromethane
 Concen: 87.01 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	49	Resp	212130
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.2
130	72.0	58.3	87.5

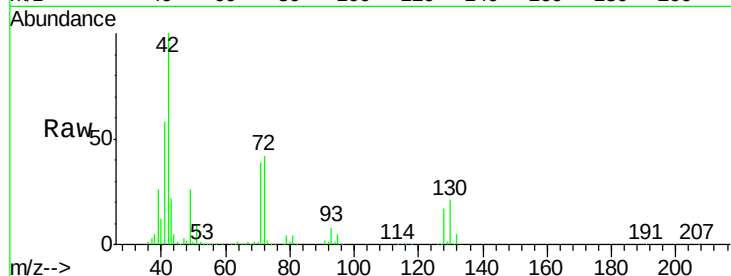




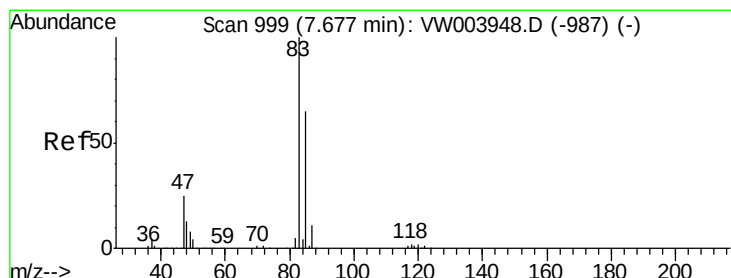
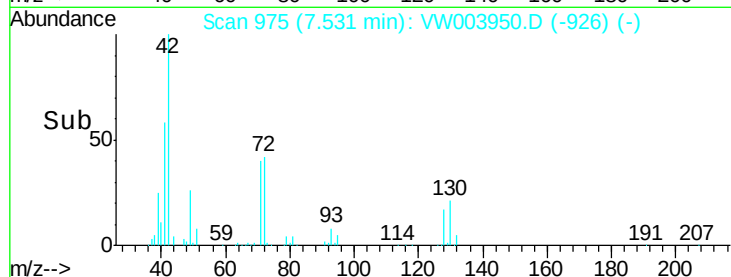
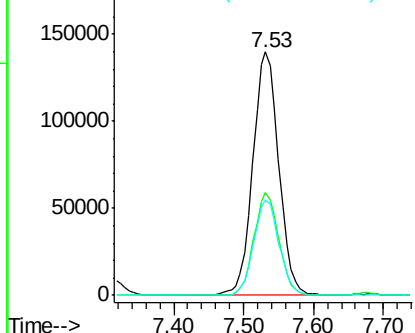
#29
Tetrahydrofuran
Concen: 581.11 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.6	48.8
71	38.5	30.5	45.7

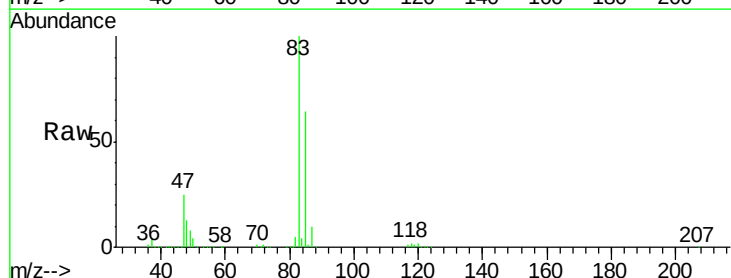


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

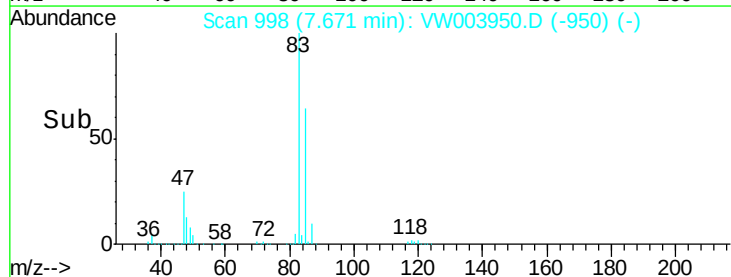
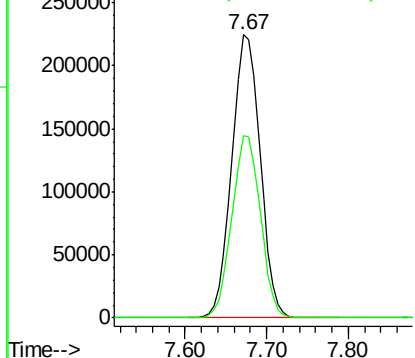


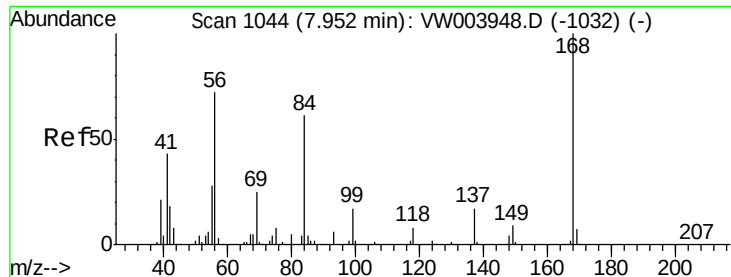
#30
Chloroform
Concen: 94.60 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4



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

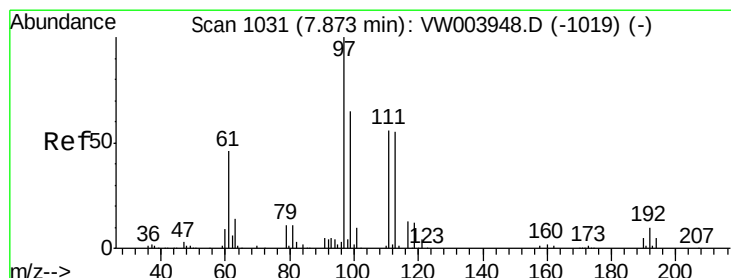
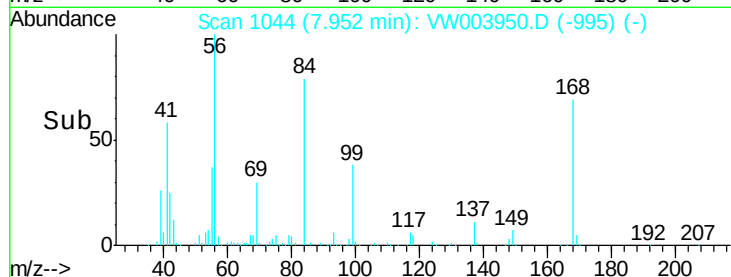
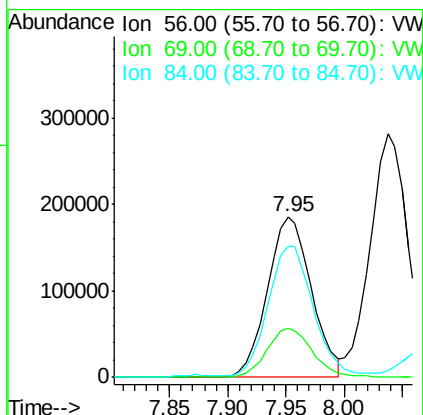
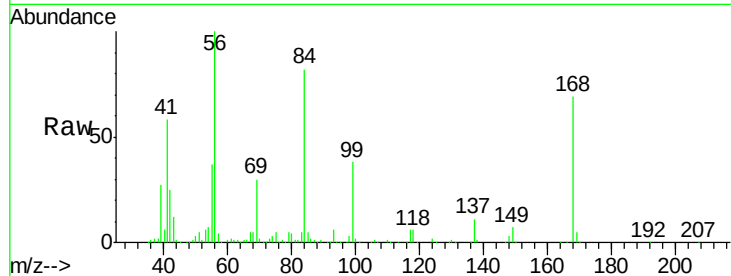




#31
Cyclohexane
Concen: 91.38 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

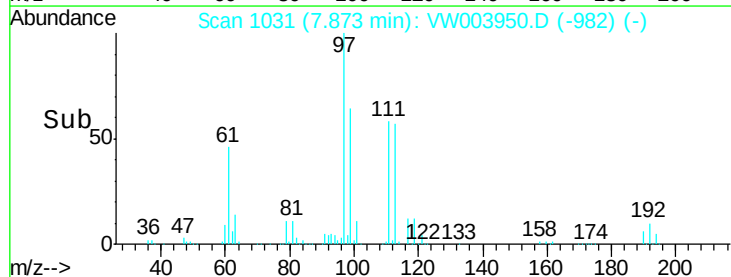
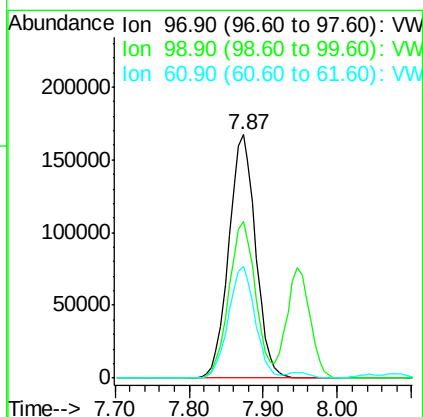
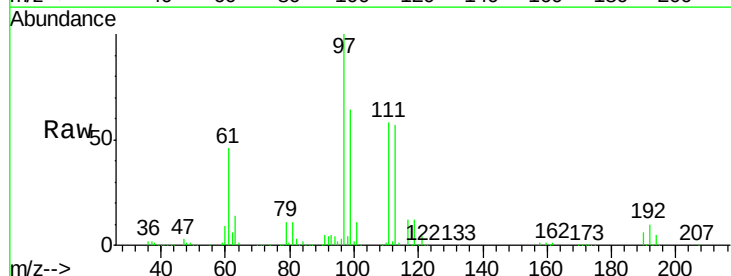
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

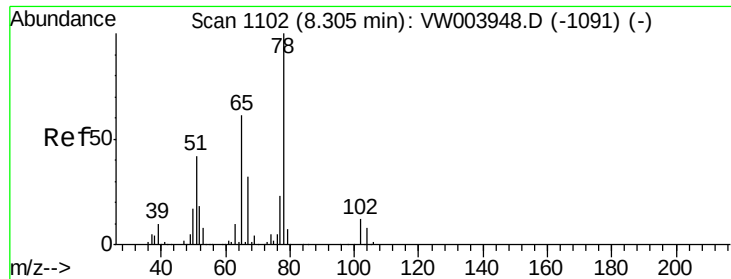
Tot Ion: 56 Resp: 484976
Ion Ratio Lower Upper
56 100
69 30.2 27.8 41.8
84 80.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 94.69 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 97 Resp: 421749
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 45.4 36.8 55.2

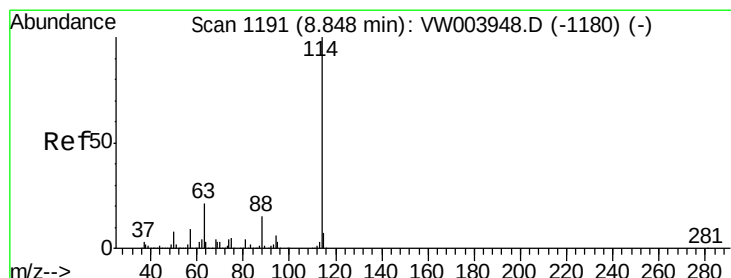
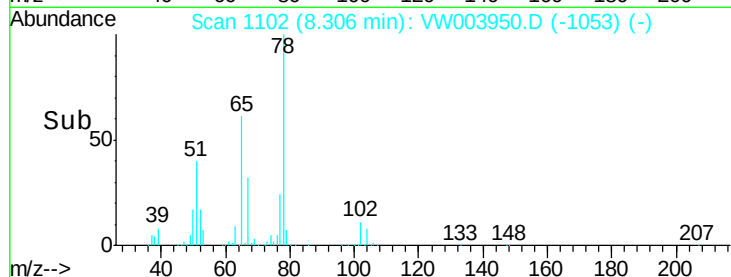
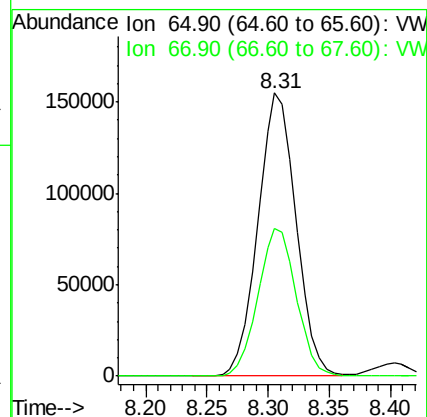
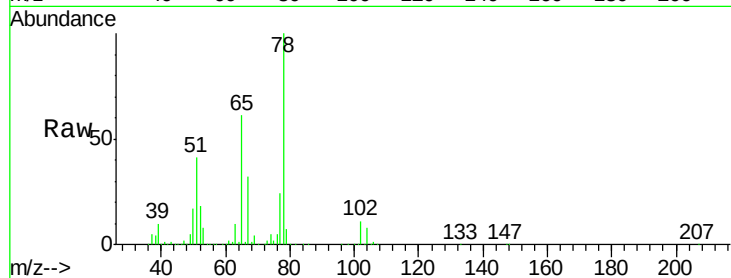




#33
 1,2-Dichloroethane-d4
 Concen: 103.46 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

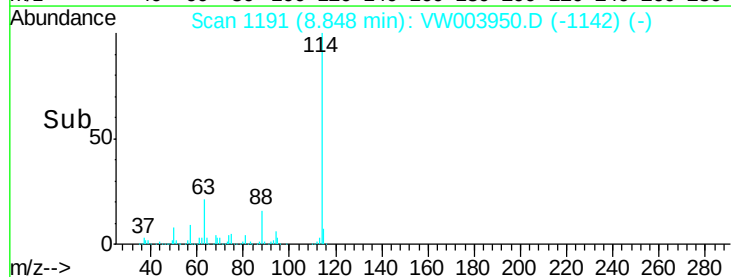
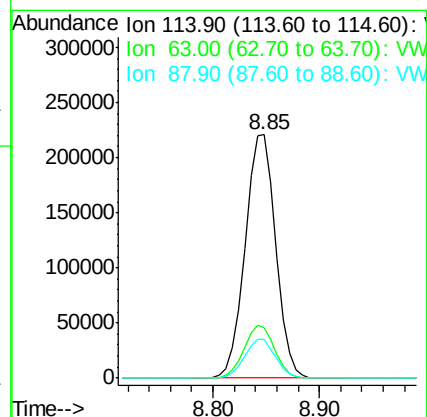
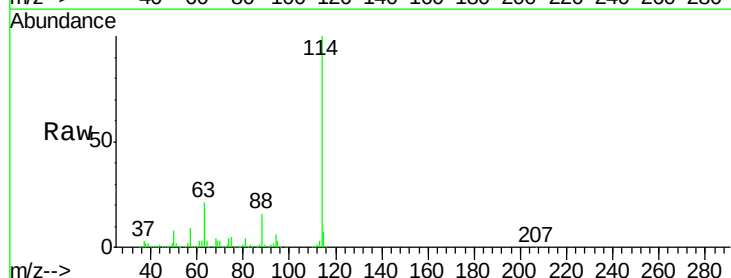
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

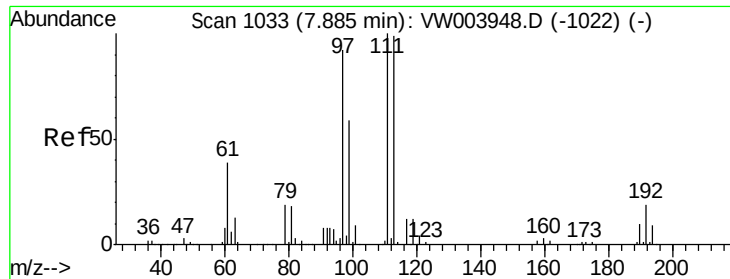
Tot Ion: 65 Resp: 335261
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion: 114 Resp: 445651
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.8 0.0 30.4

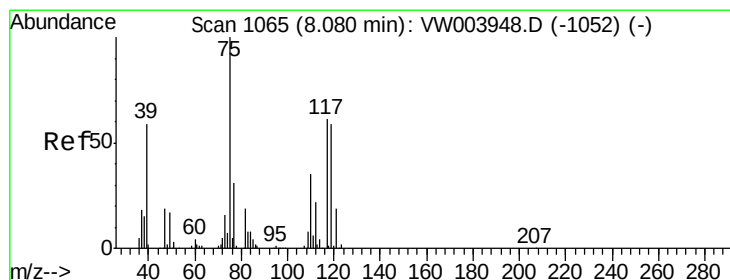
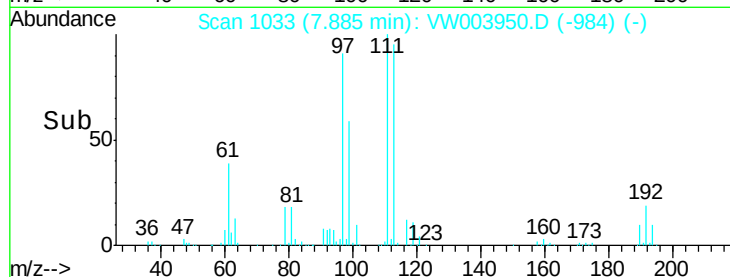
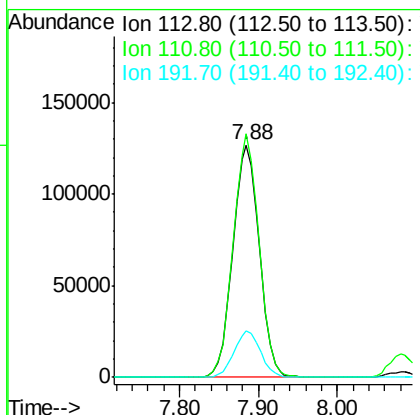
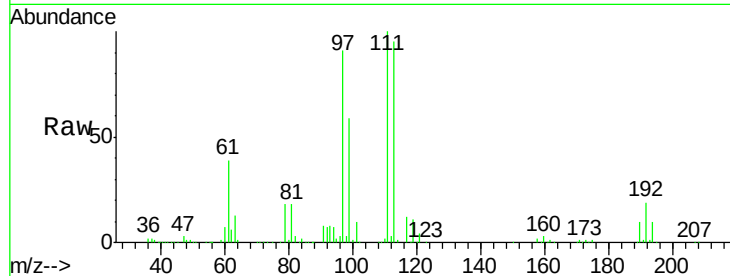




#35
 Dibromofluoromethane
 Concen: 102.32 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

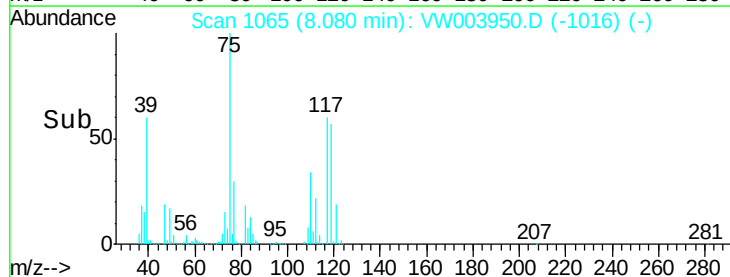
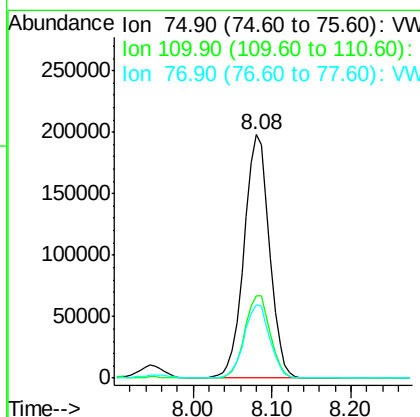
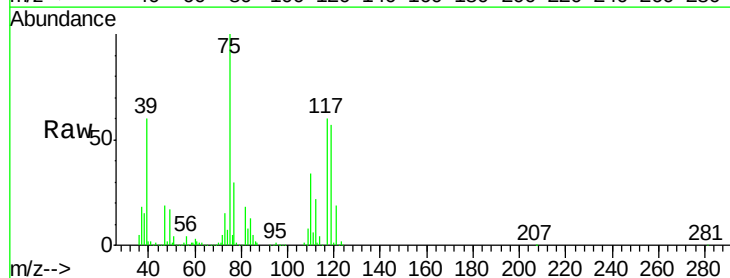
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

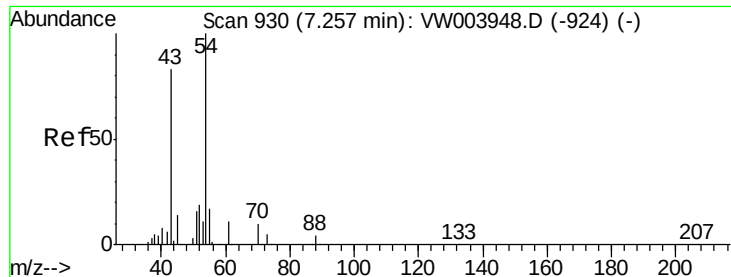
Tot Ion:113 Resp: 294991
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.3 121.9
 192 19.9 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 96.27 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion: 75 Resp: 442933
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.0 51.0
 77 30.4 24.9 37.3

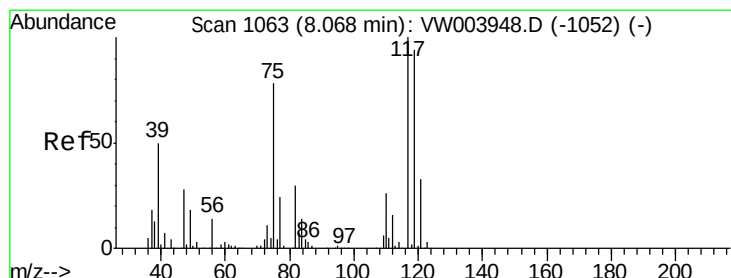
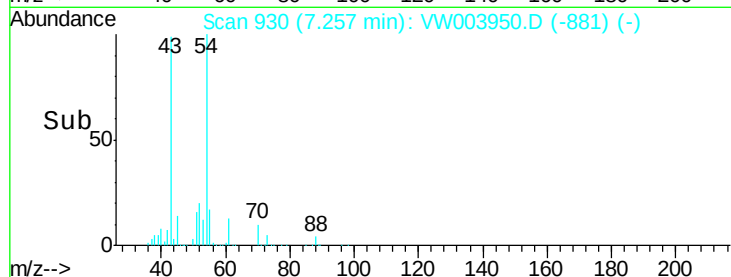
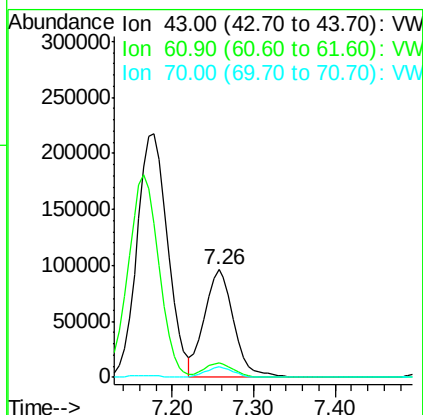
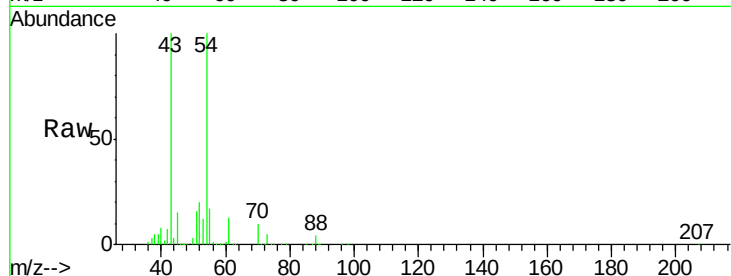




#37
Ethyl Acetate
Concen: 113.28 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

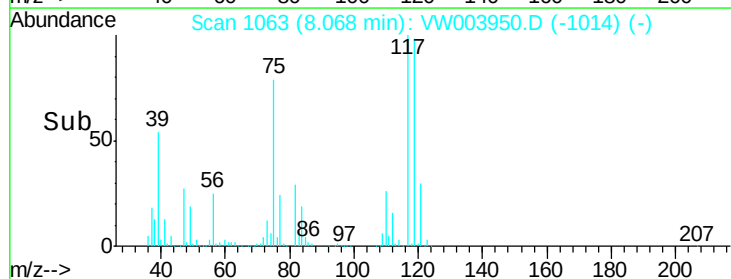
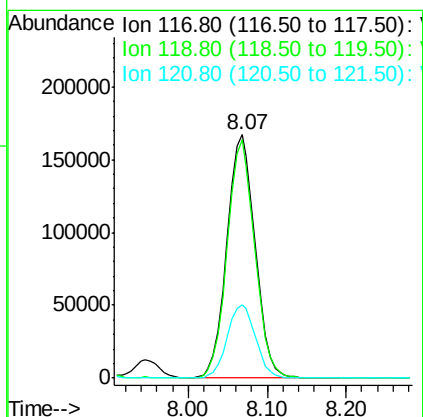
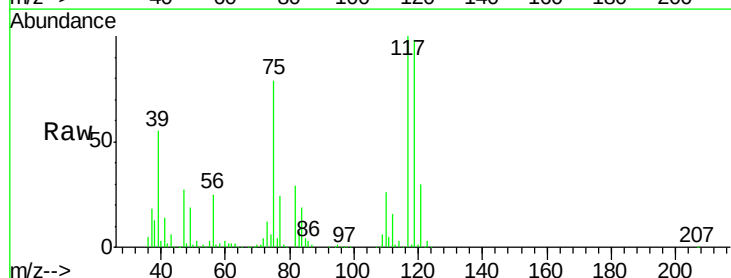
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

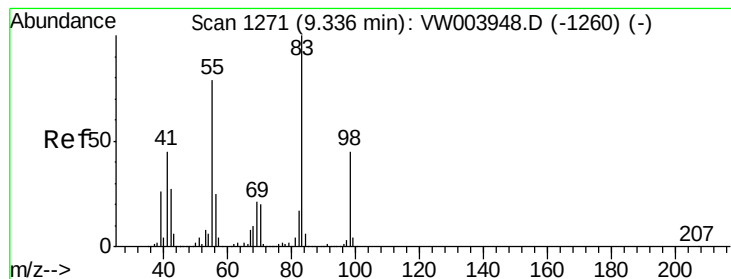
Tot Ion: 43 Resp: 241673
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 97.05 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 117 Resp: 416186
Ion Ratio Lower Upper
117 100
119 97.8 75.3 112.9
121 30.2 26.0 39.0





#39

Methylvlcyclohexane

Concen: 103.61 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

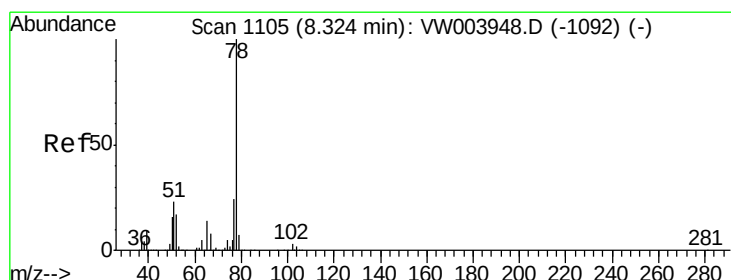
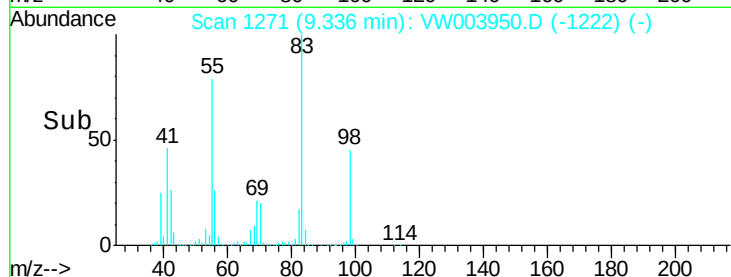
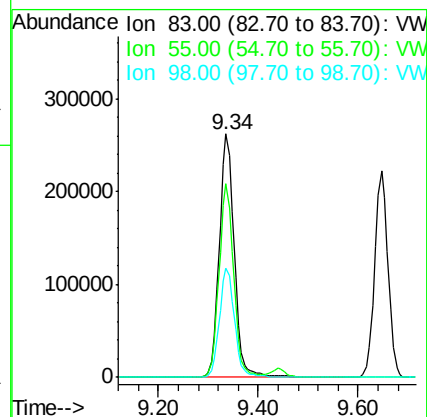
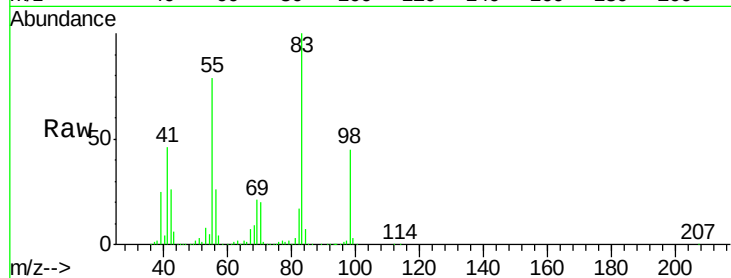
Tot Ion: 83 Resp: 546552

Ion Ratio Lower Upper

83 100

55 79.5 62.8 94.2

98 45.1 36.2 54.4



#40

Benzene

Concen: 95.90 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VW003950.D

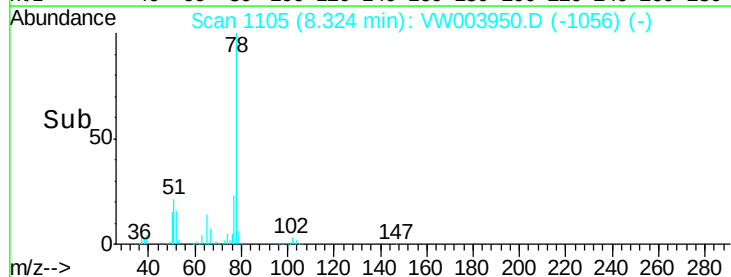
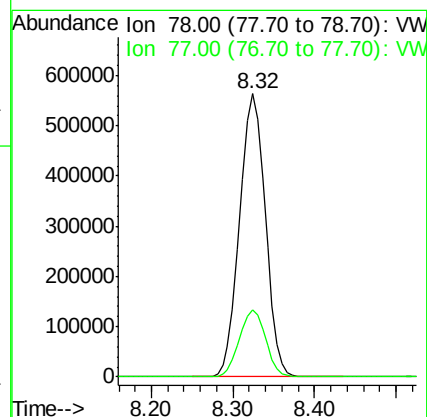
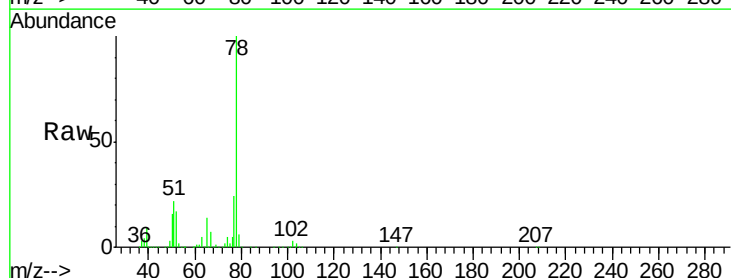
Acq: 16 Jul 2018 14:07

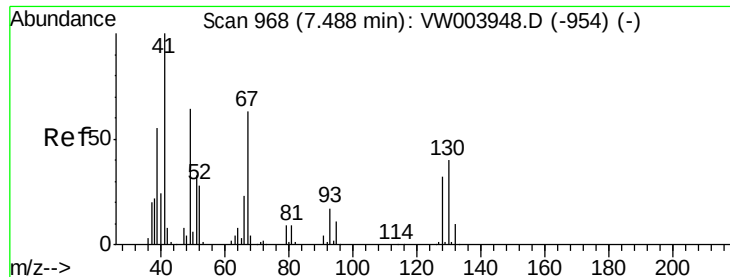
Tgt Ion: 78 Resp: 1231868

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

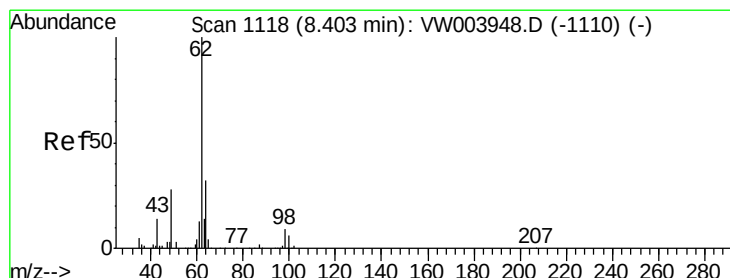
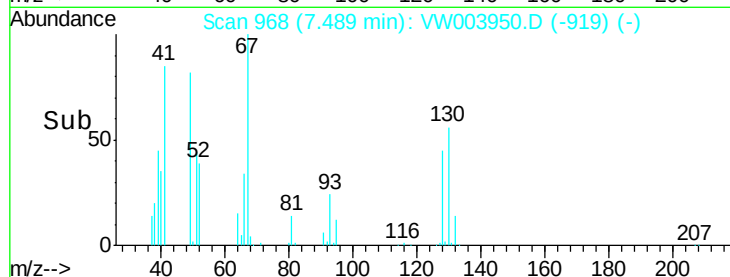
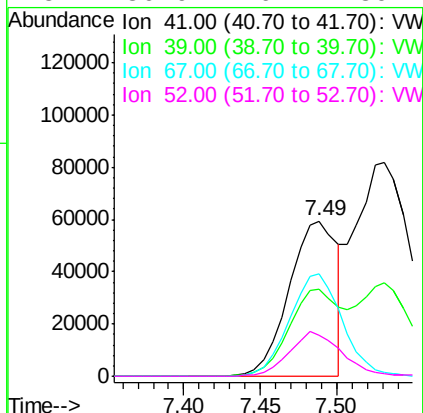
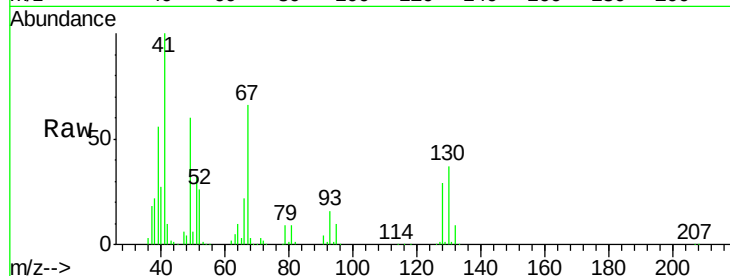




#41
Methacrylonitrile
Concen: 107.20 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

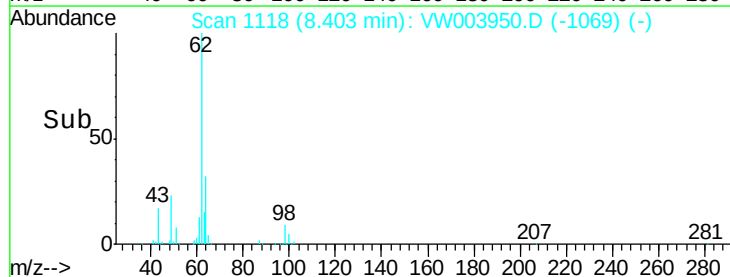
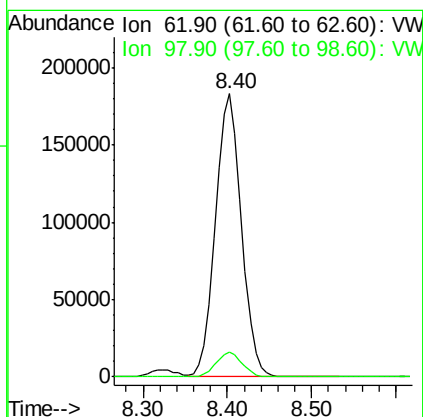
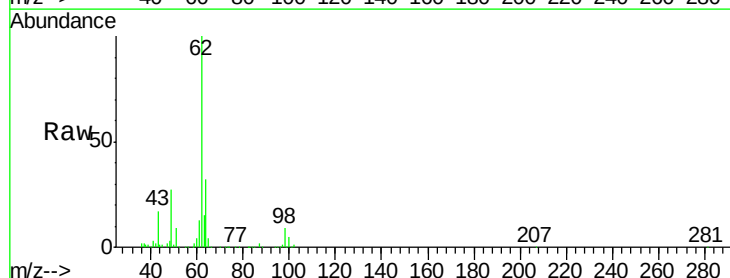
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

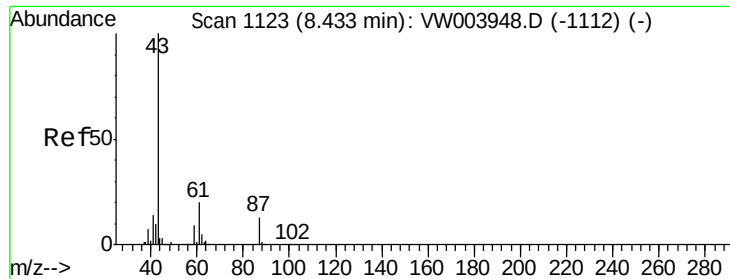
Tot Ion:	41	Resp:	129710
Ion	Ratio	Lower	Upper
41	100		
39	62.1	50.0	75.0
67	72.7	60.8	91.2
52	30.9	26.2	39.4



#42
1,2-Dichloroethane
Concen: 98.75 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion:	62	Resp:	386845
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4





#43

Isopropyl Acetate

Concen: 113.76 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

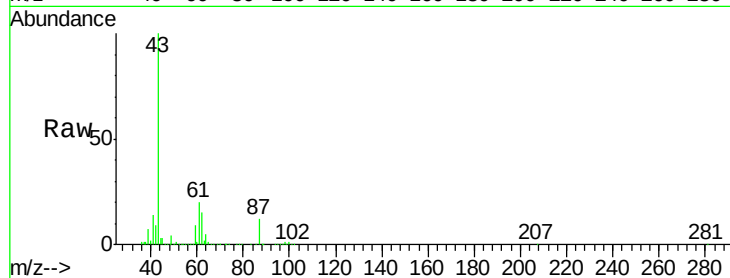
Tot Ion: 43 Resp: 457495

Ion Ratio Lower Upper

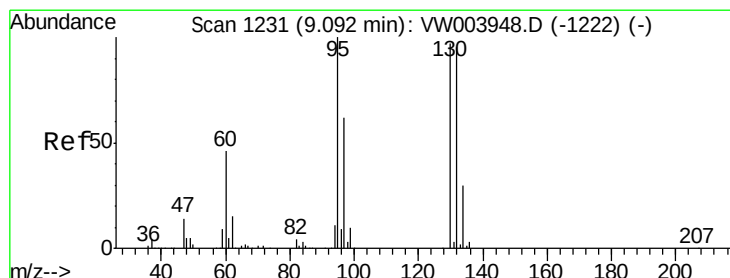
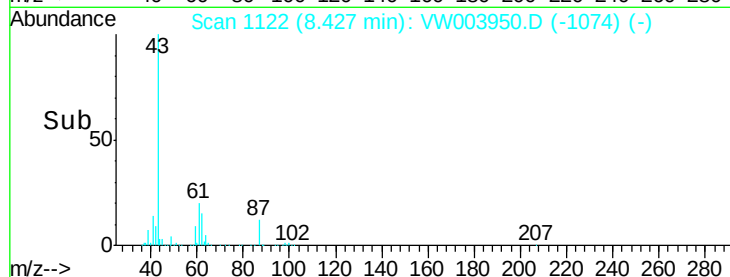
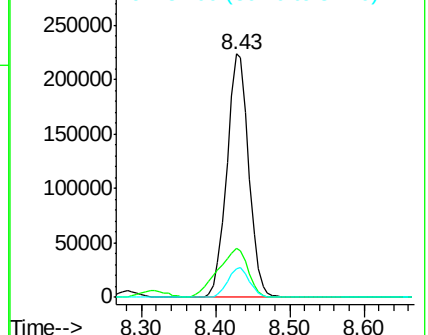
43 100

61 27.6 23.0 34.6

87 12.3 9.9 14.9



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: 97.23 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003950.D

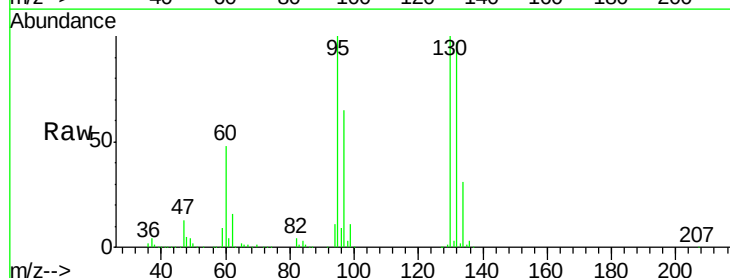
Acq: 16 Jul 2018 14:07

Tgt Ion:130 Resp: 319842

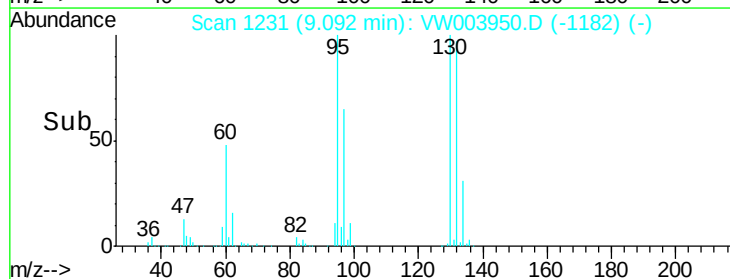
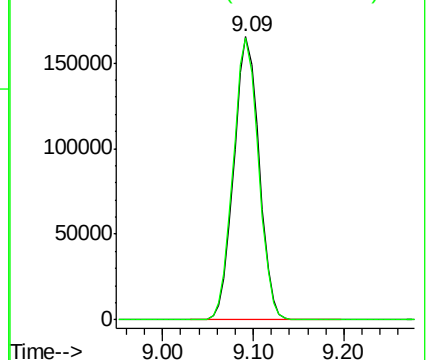
Ion Ratio Lower Upper

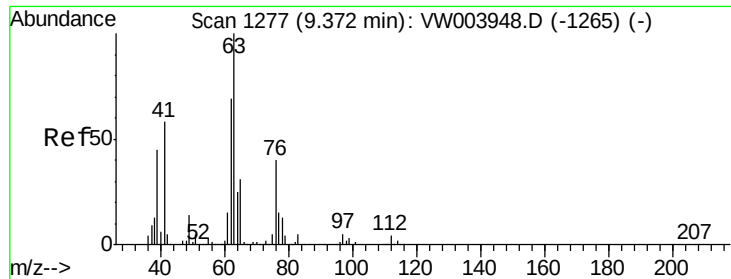
130 100

95 99.7 0.0 206.8



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

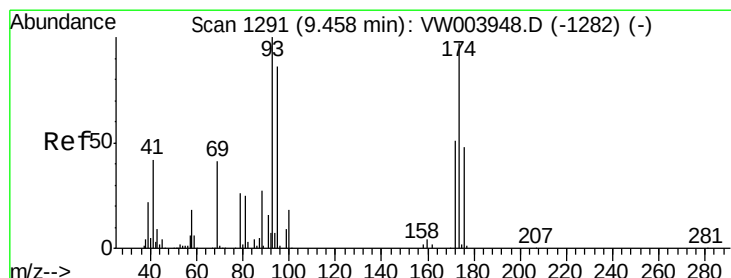
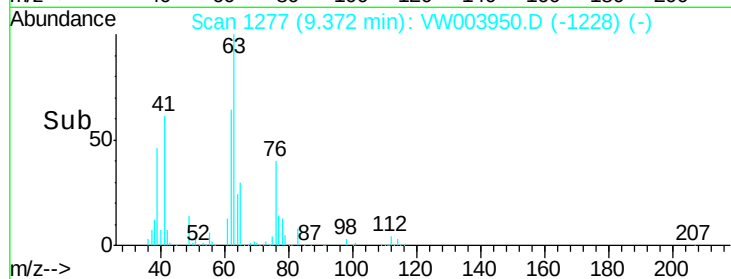
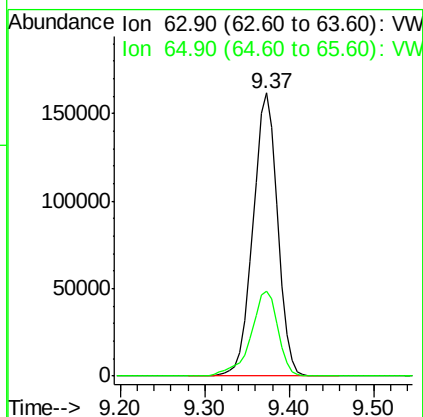
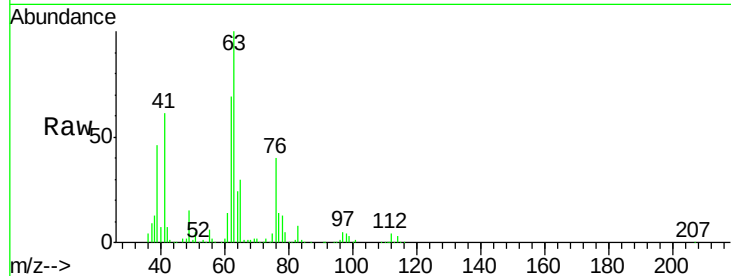




#45
 1,2-Dichloropropane
 Concen: 97.45 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

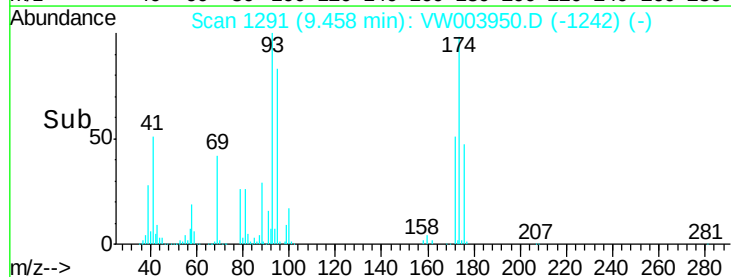
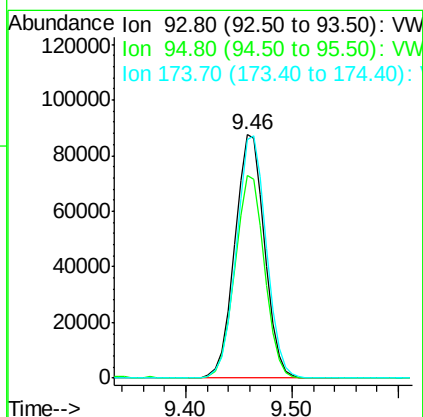
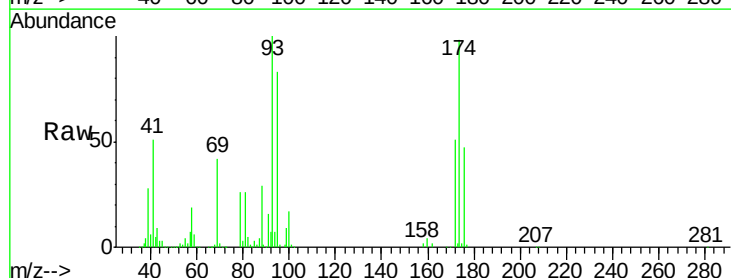
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

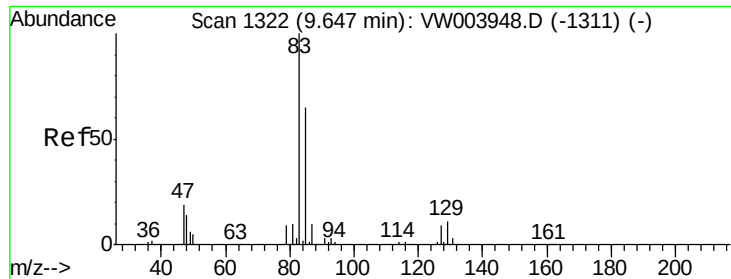
Tot Ion: 63 Resp: 320158
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.8 37.2



#46
 Dibromomethane
 Concen: 102.04 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion: 93 Resp: 171694
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.9 100.3
 174 99.8 80.2 120.2

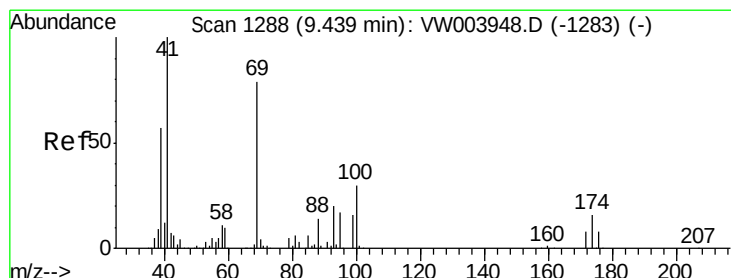
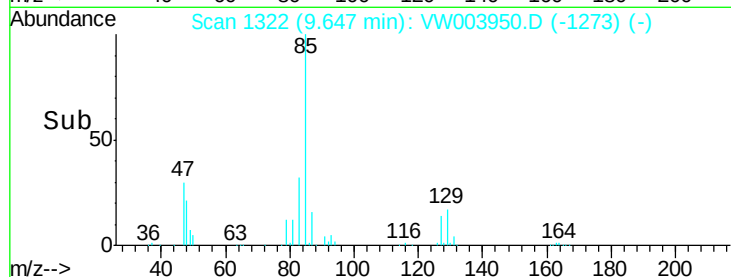
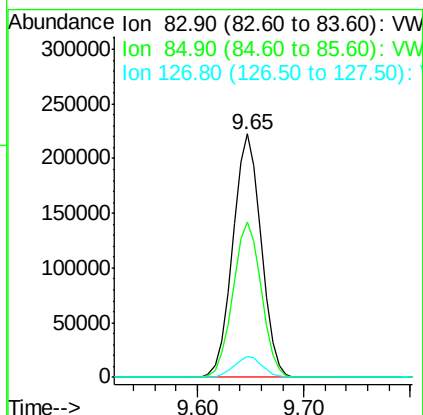
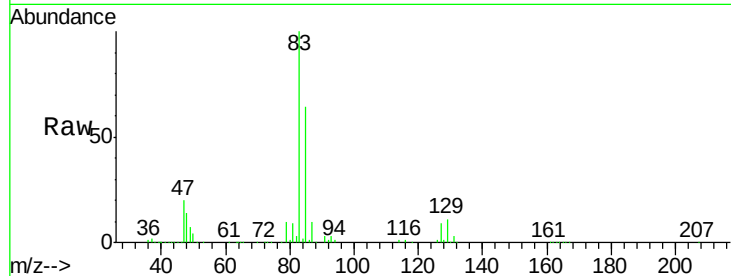




#47
 Bromodichloromethane
 Concen: 99.21 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

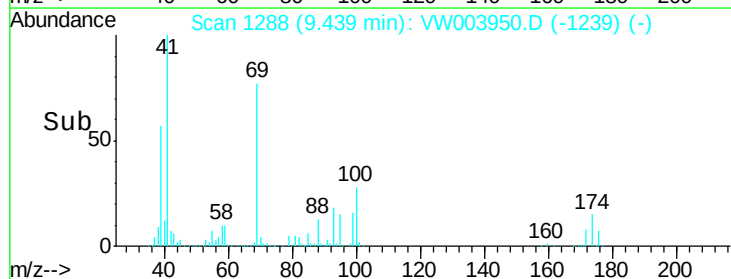
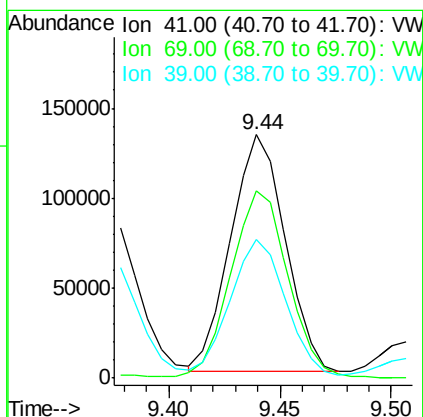
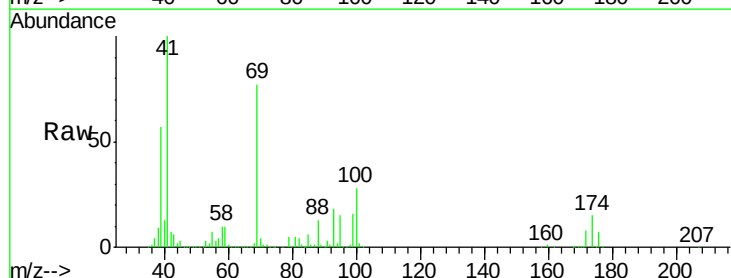
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

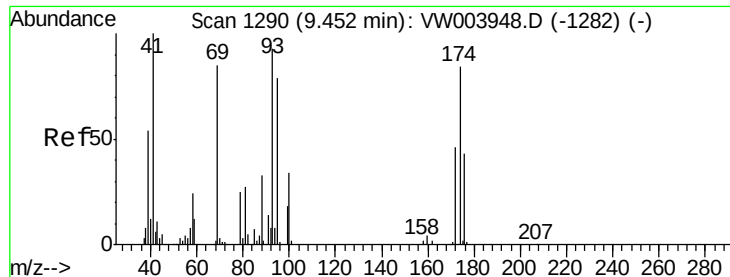
Tot Ion	83	Resp	415228
Ion Ratio	100		
85	63.6	52.2	78.2
127	8.7	7.0	10.4



#48
 Methyl methacrylate
 Concen: 116.25 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	41	Resp	224594
Ion Ratio	100		
69	83.1	67.0	100.6
39	60.5	48.8	73.2

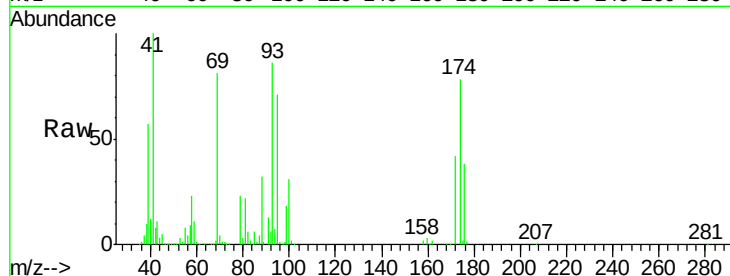




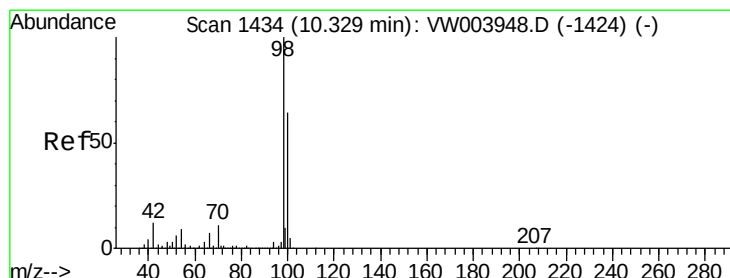
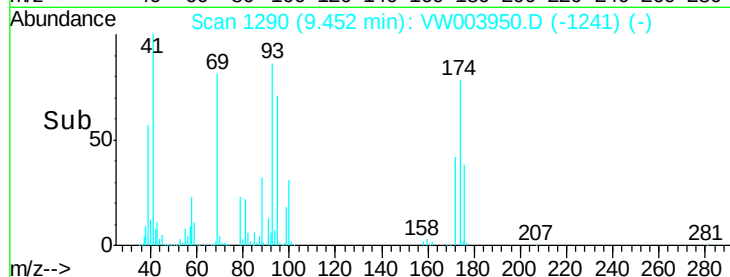
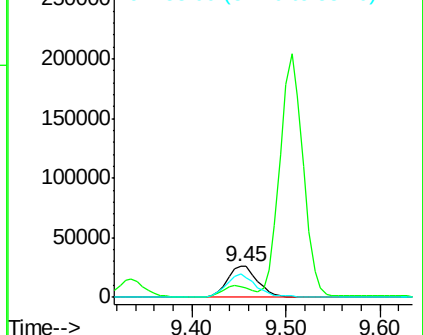
#49
1,4-Dioxane
Concen: 2326.07 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 88 Resp: 59131
Ion Ratio Lower Upper
88 100
43 34.0 27.3 40.9
58 73.3 61.1 91.7

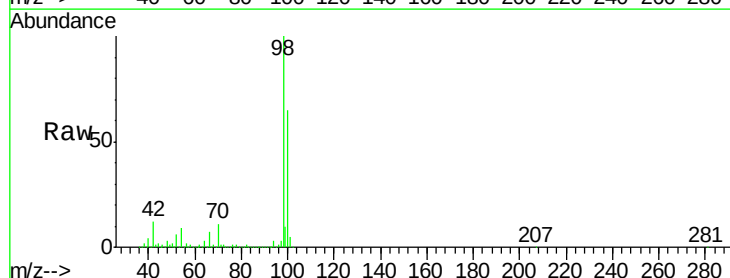


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

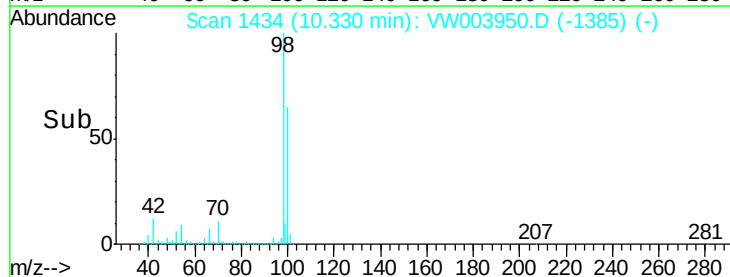
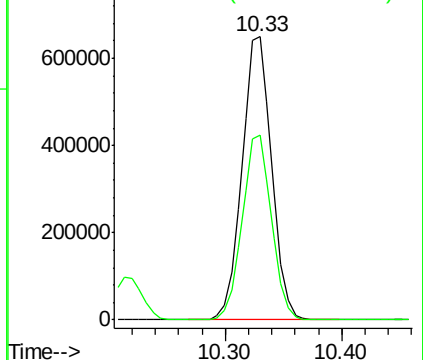


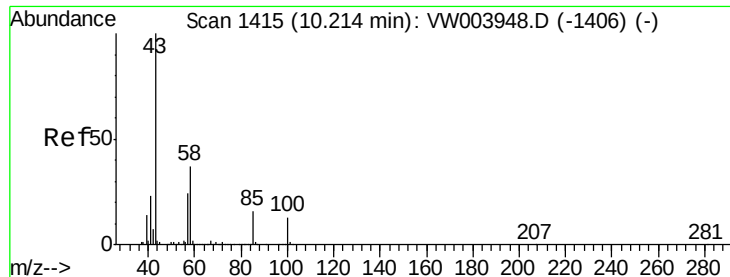
#50
Toluene-d8
Concen: 102.05 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 98 Resp: 1148254
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 572.20 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

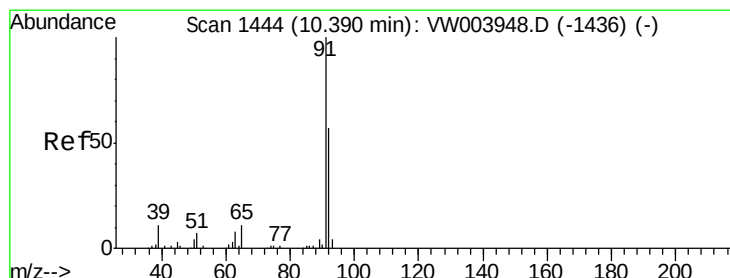
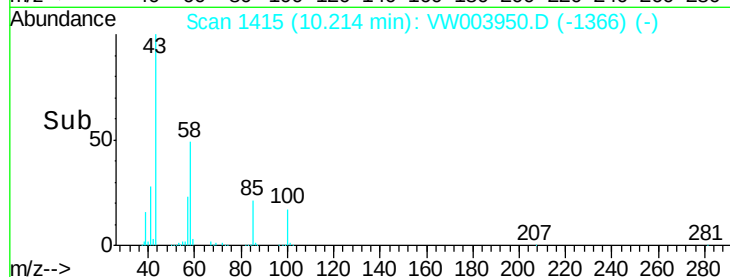
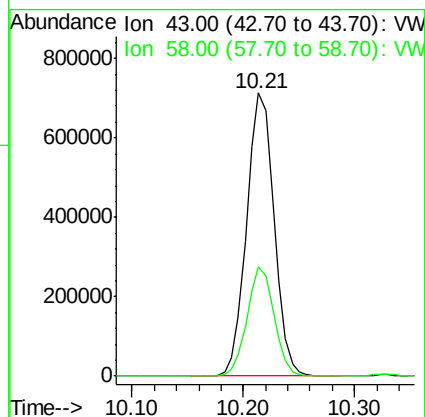
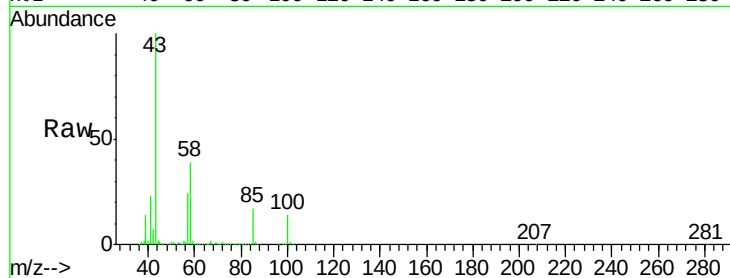
VSTDIC100

Tot Ion: 43 Resp: 1223941

Ion Ratio Lower Upper

43 100

58 37.9 29.9 44.9



#52

Toluene

Concen: 96.16 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003950.D

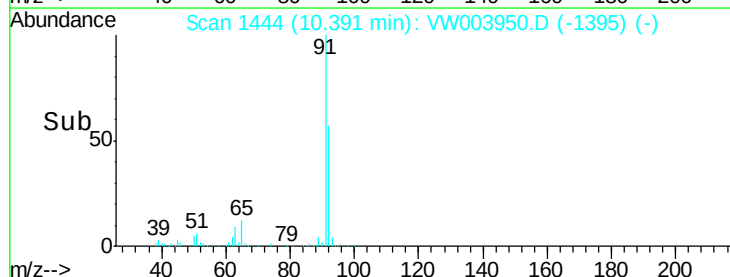
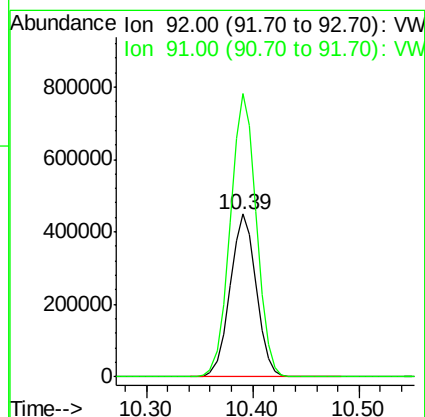
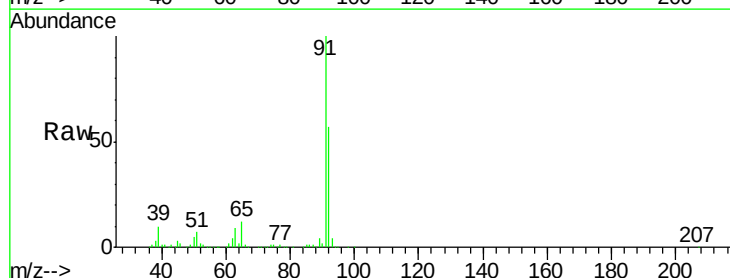
Acq: 16 Jul 2018 14:07

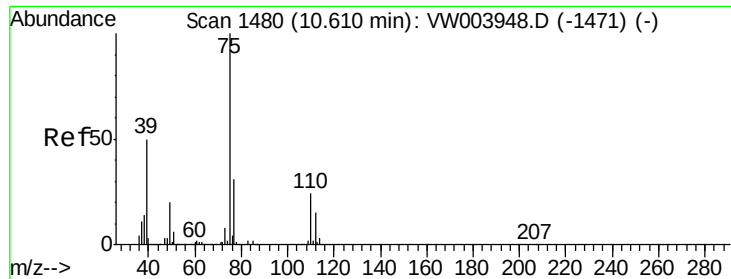
Tgt Ion: 92 Resp: 767843

Ion Ratio Lower Upper

92 100

91 174.6 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 104.69 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

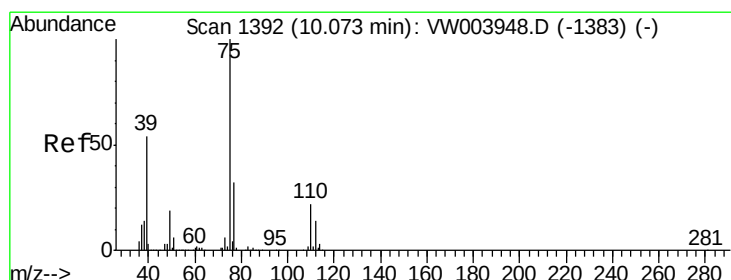
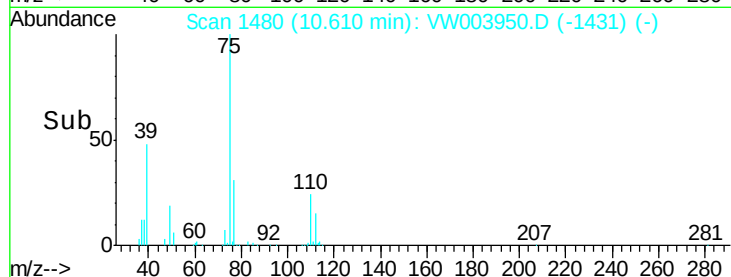
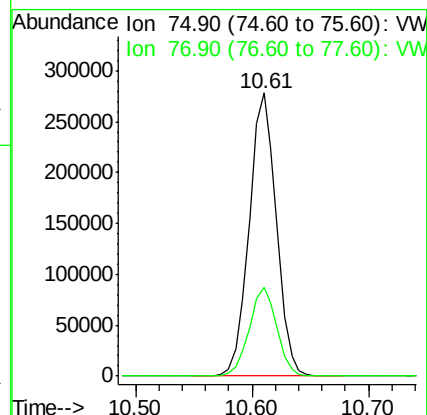
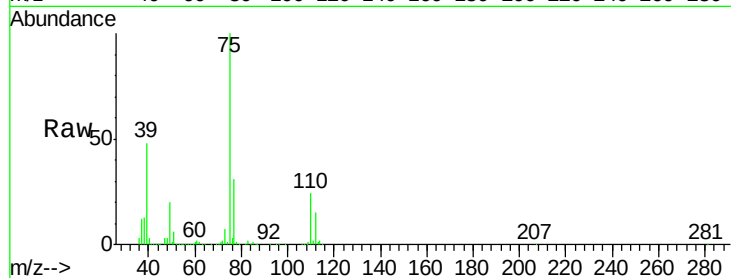
VSTDIC100

Tot Ion: 75 Resp: 452127

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 102.16 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

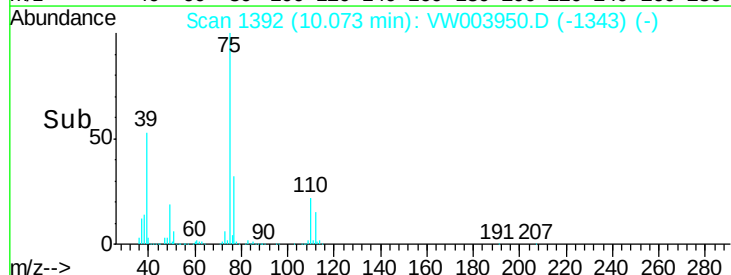
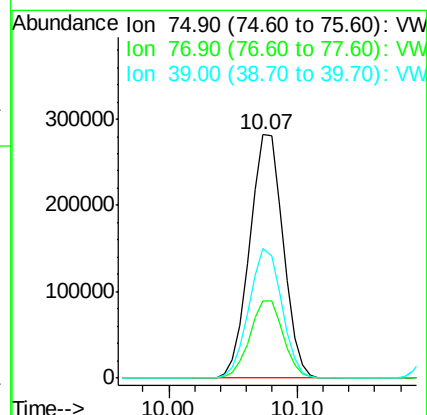
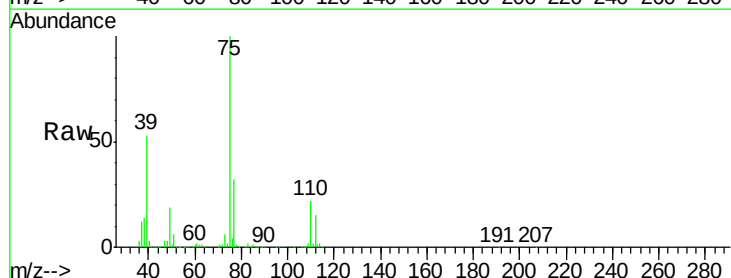
Tgt Ion: 75 Resp: 505884

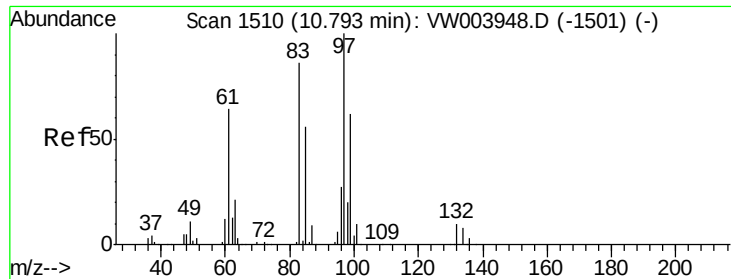
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 53.2 43.0 64.6

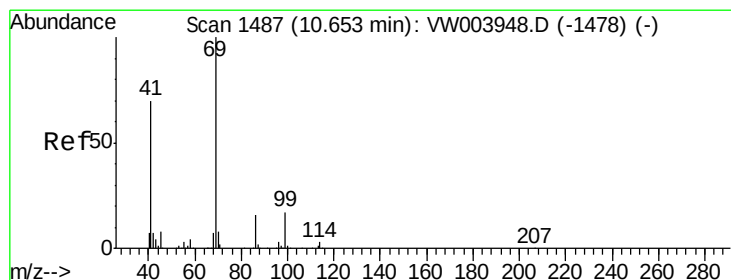
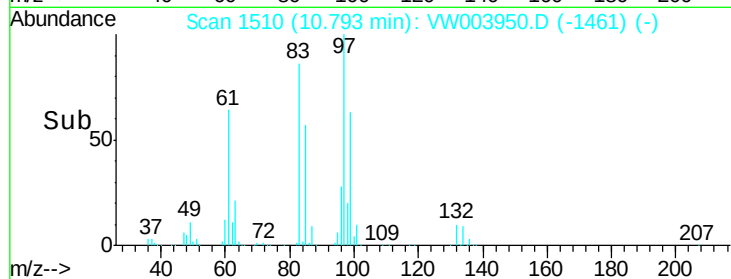
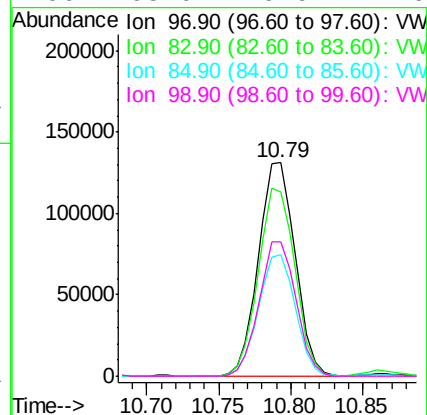
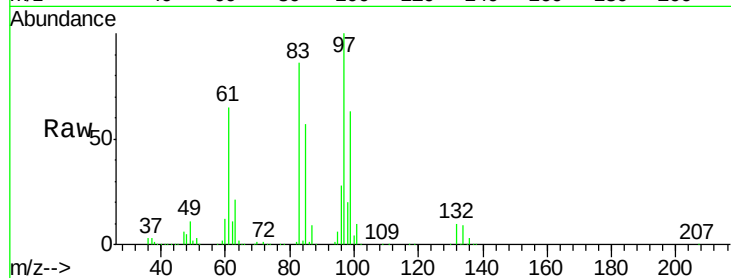




#55
 1,1,2-Trichloroethane
 Concen: 97.32 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

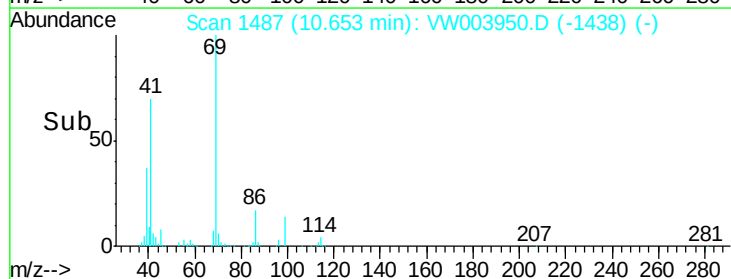
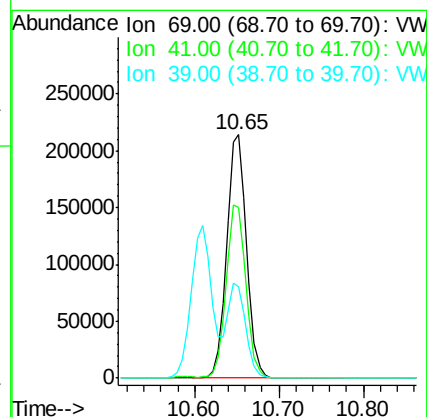
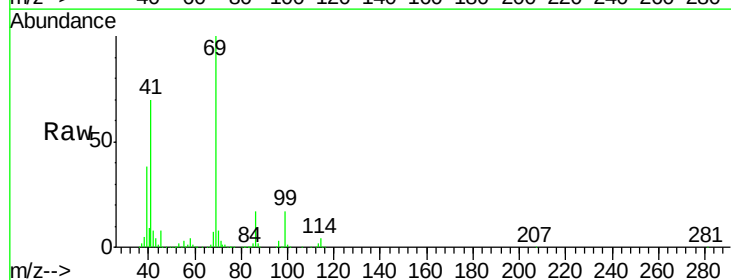
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

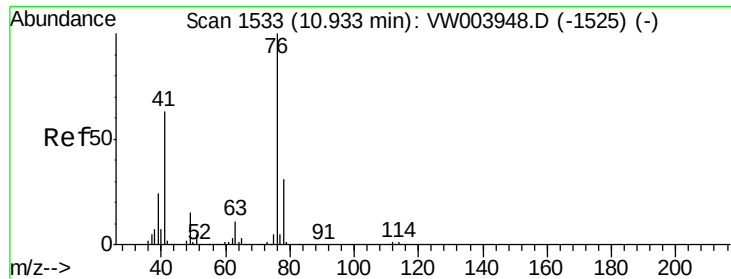
Tot Ion:	97	Resp:	231729
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.4
85	56.8	45.0	67.6
99	63.0	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 115.06 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion:	69	Resp:	345876
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.5	84.7
39	38.4	30.2	45.4

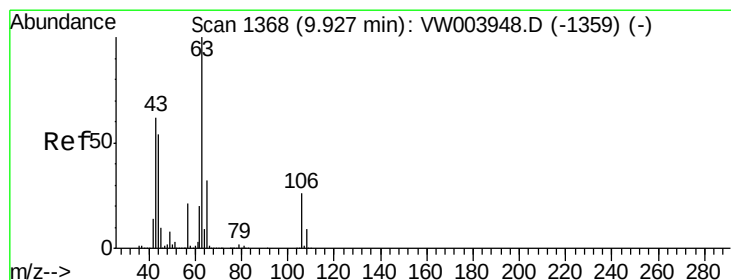
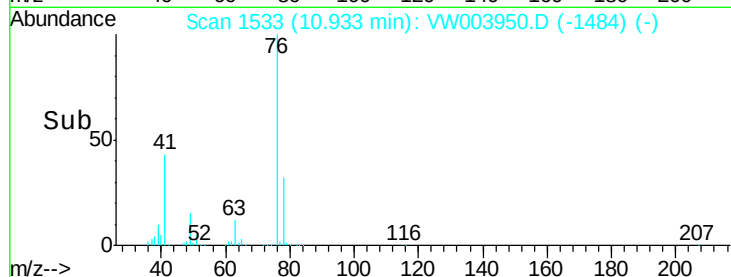
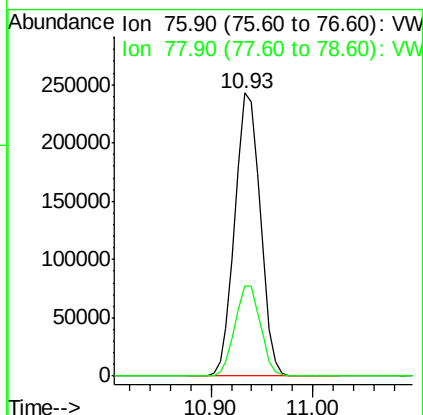
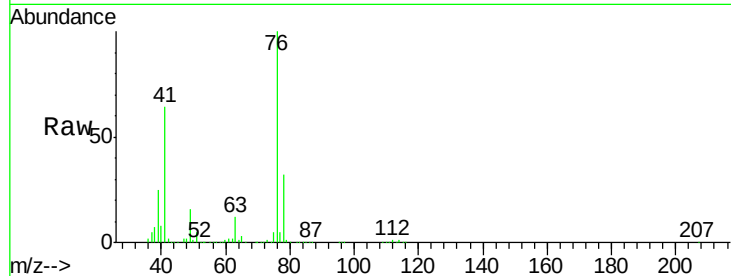




#57
 1,3-Dichloropropane
 Concen: 101.31 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

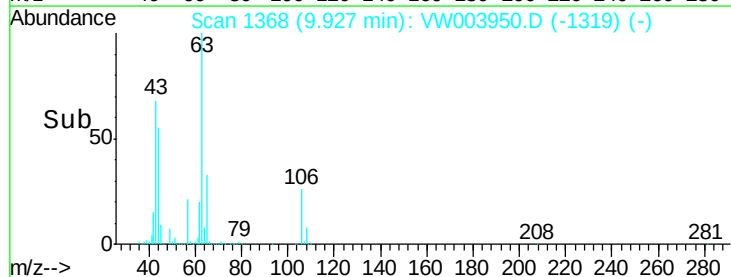
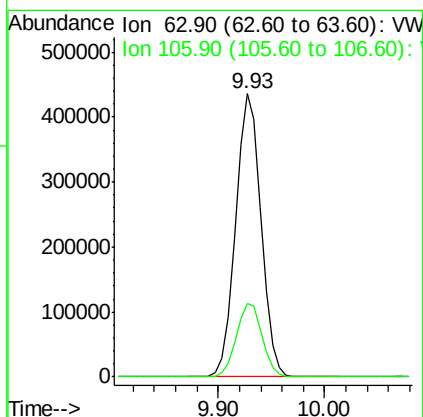
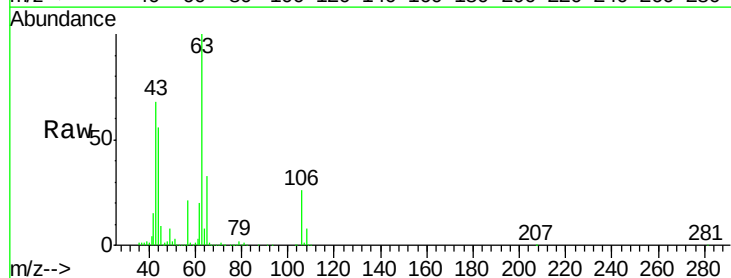
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

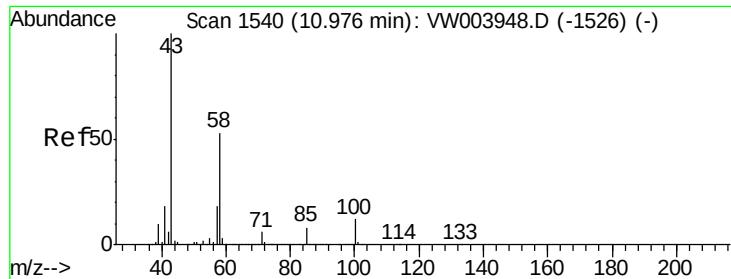
Tot Ion: 76 Resp: 419191
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 503.70 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion: 63 Resp: 729633
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8





#59

2-Hexanone

Concen: 585.10 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

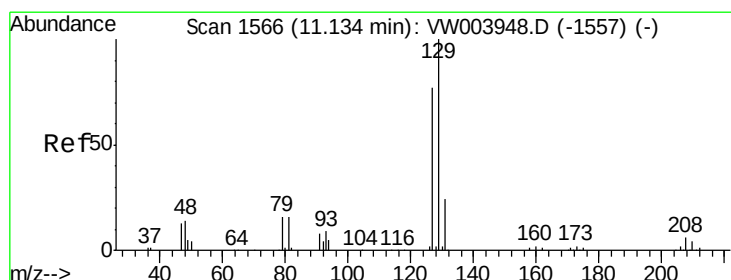
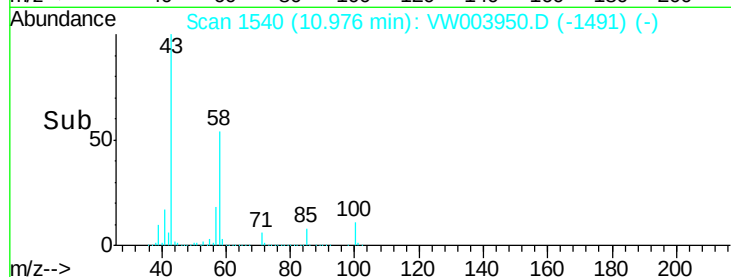
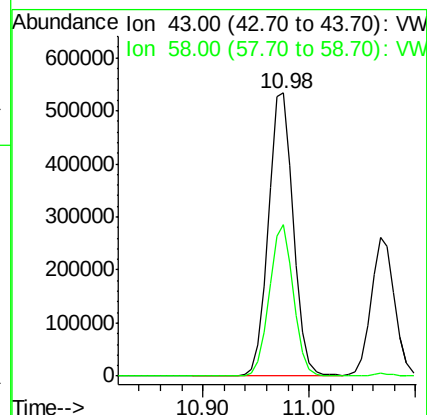
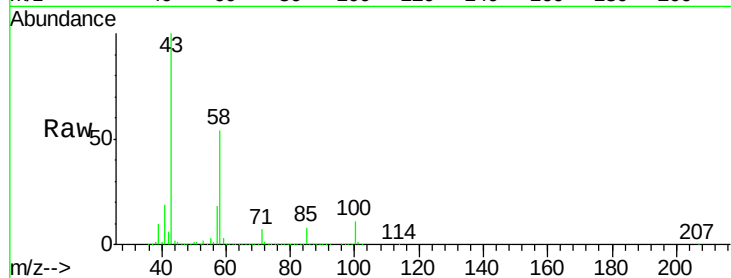
VSTDIC100

Tot Ion: 43 Resp: 874740

Ion Ratio Lower Upper

43 100

58 51.7 26.0 78.0



#60

Dibromochloromethane

Concen: 103.51 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003950.D

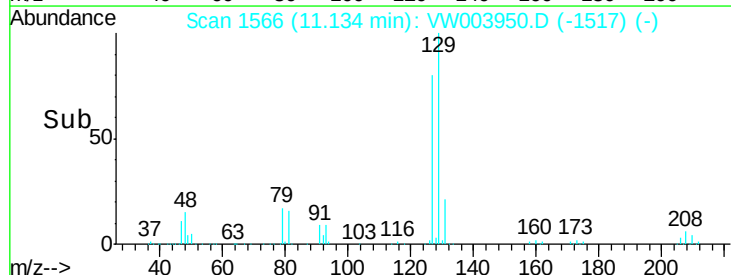
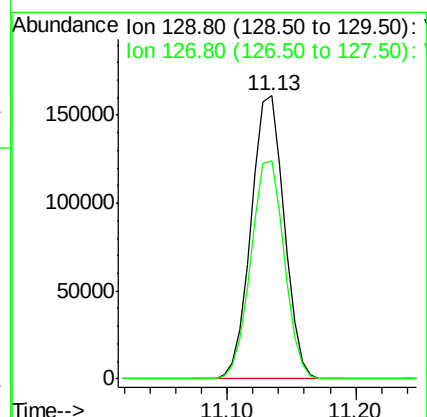
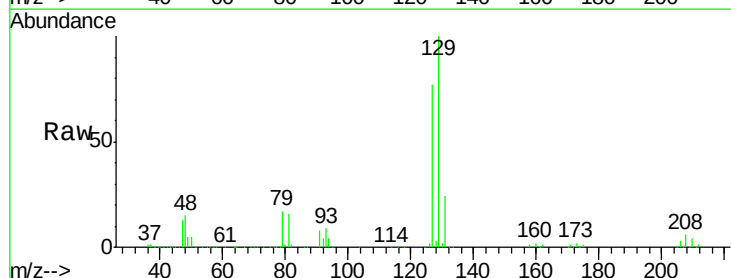
Acq: 16 Jul 2018 14:07

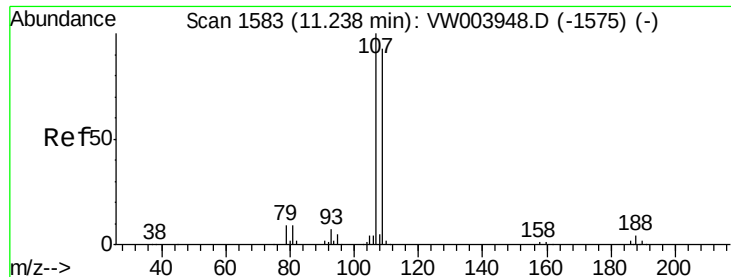
Tgt Ion: 129 Resp: 285647

Ion Ratio Lower Upper

129 100

127 77.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 104.63 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

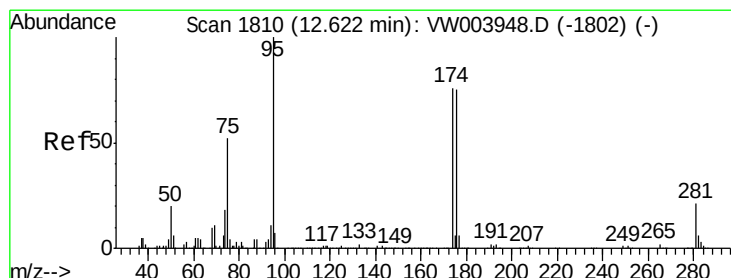
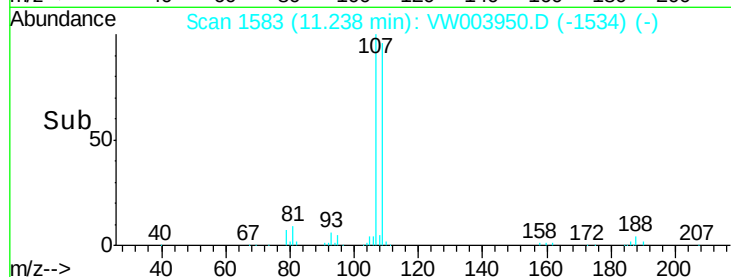
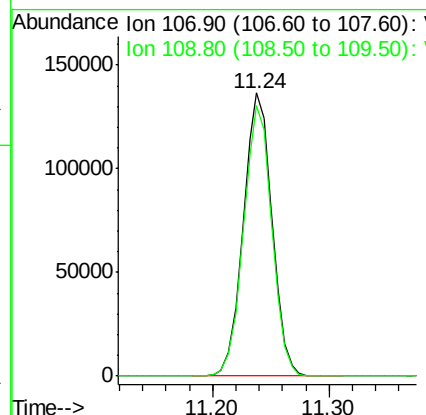
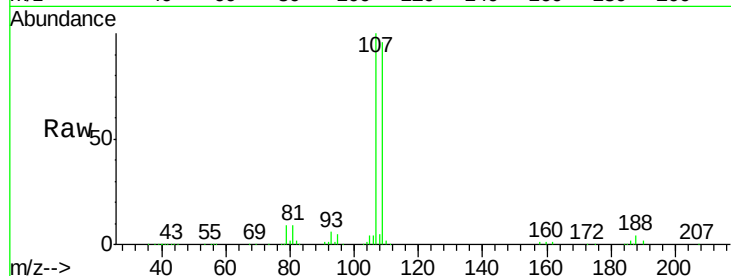
VSTDIC100

Tot Ion:107 Resp: 233891

Ion Ratio Lower Upper

107 100

109 94.6 74.3 111.5



#62

4-Bromofluorobenzene

Concen: 103.35 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

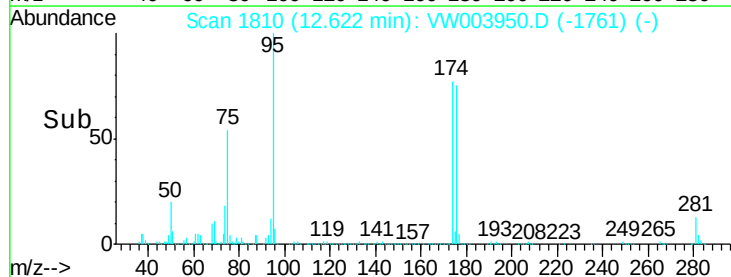
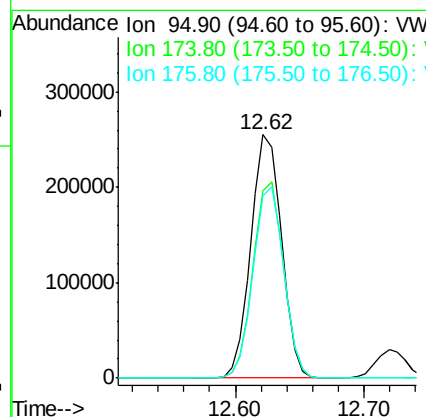
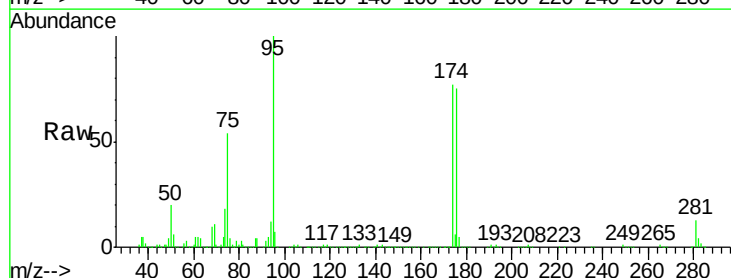
Tgt Ion: 95 Resp: 418025

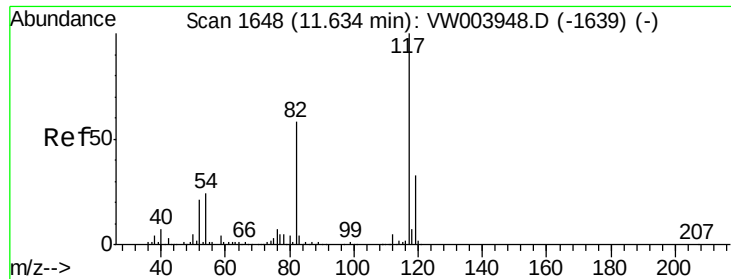
Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.2

176 78.6 0.0 155.8

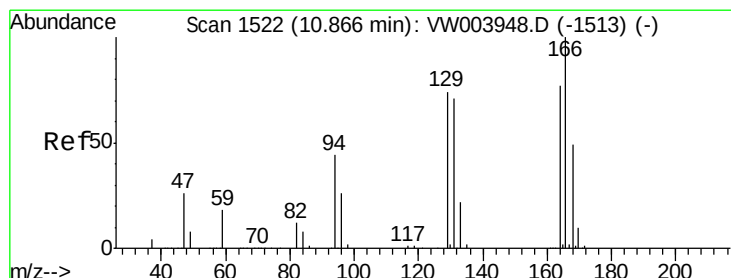
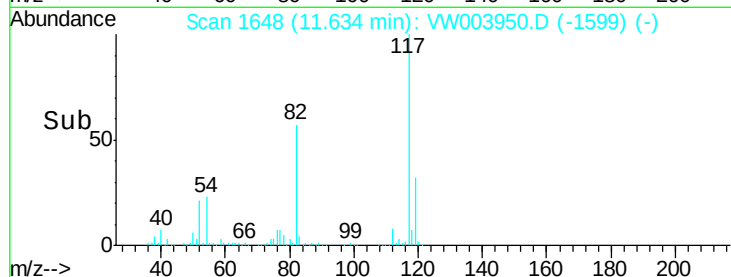
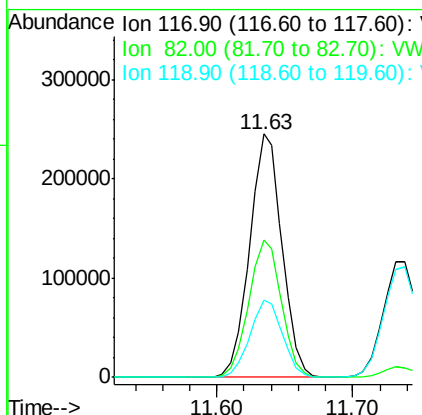
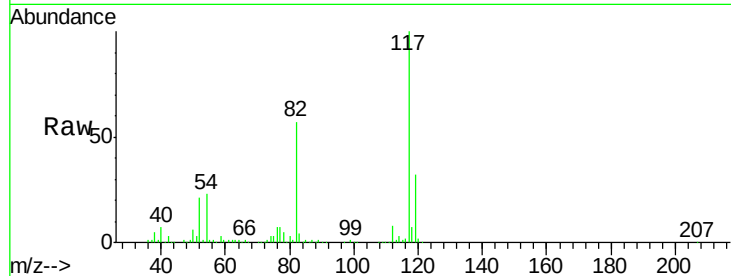




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

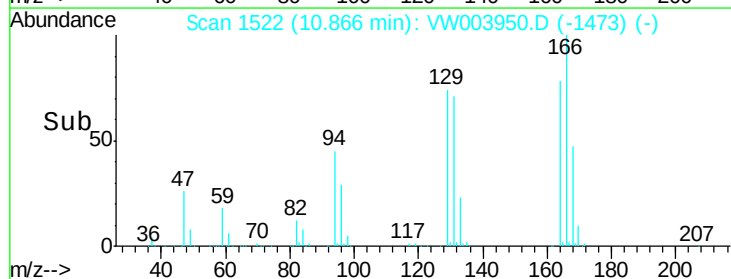
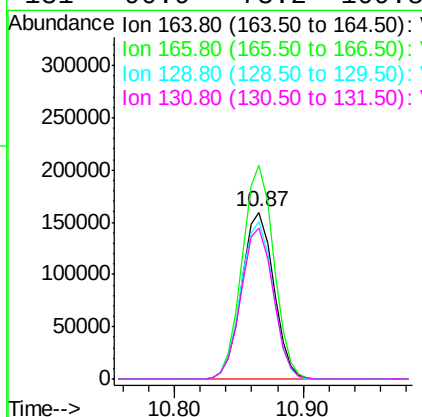
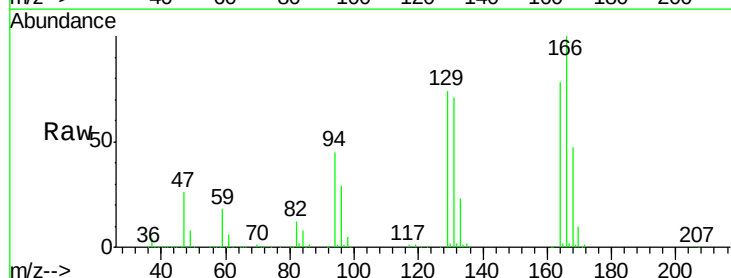
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

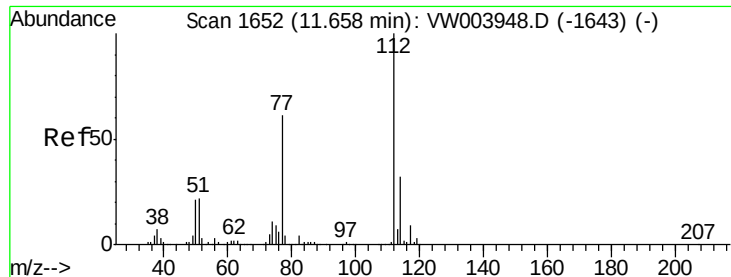
Tot Ion:117 Resp: 408308
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 96.45 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion:164 Resp: 274063
Ion Ratio Lower Upper
164 100
166 128.1 103.5 155.3
129 94.2 76.8 115.2
131 90.9 73.2 109.8

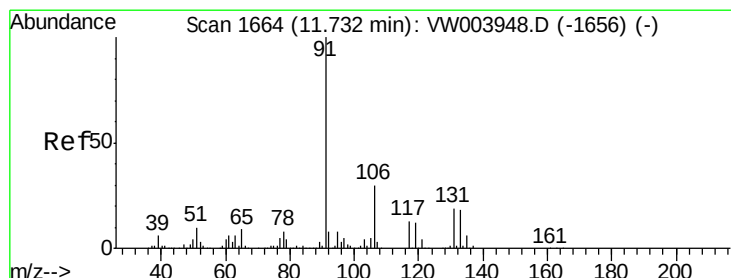
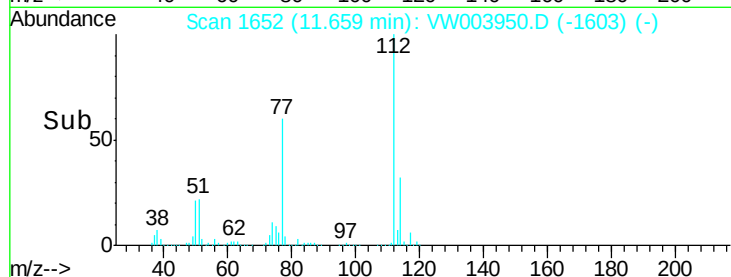
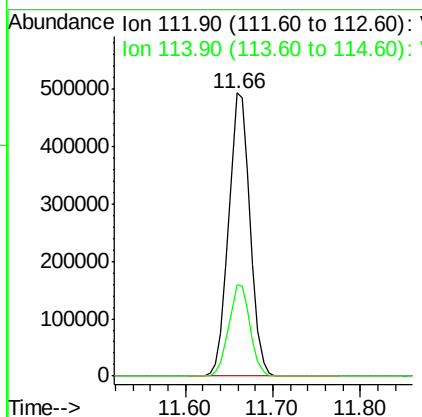
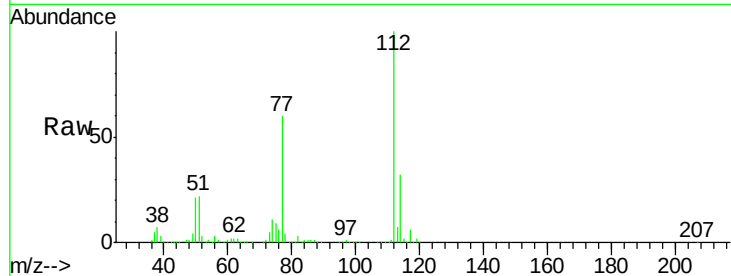




#65
Chlorobenzene
Concen: 96.10 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

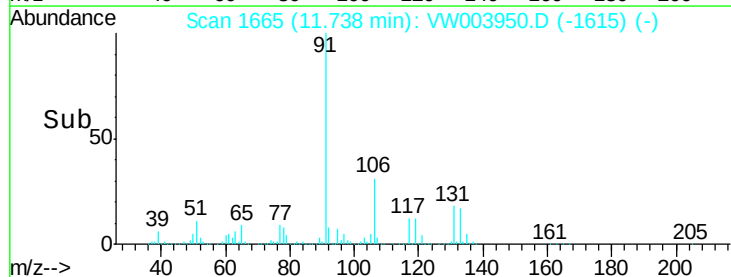
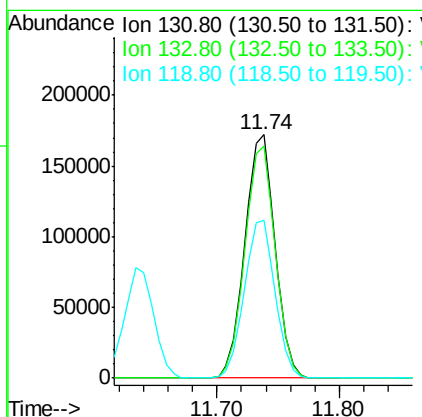
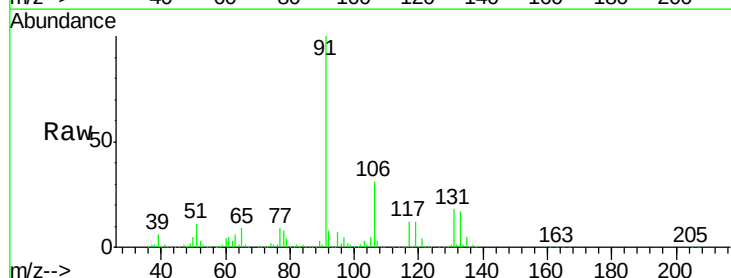
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

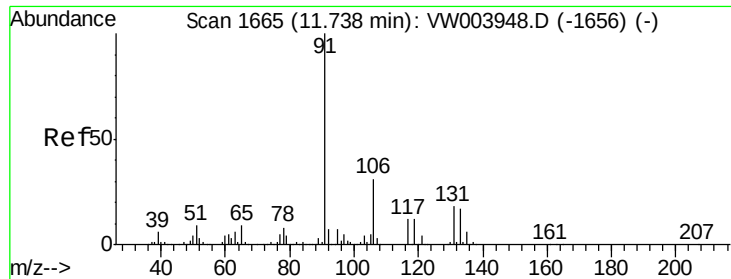
Tot Ion:112 Resp: 838075
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 97.90 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion:131 Resp: 296107
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 65.9 32.5 97.5

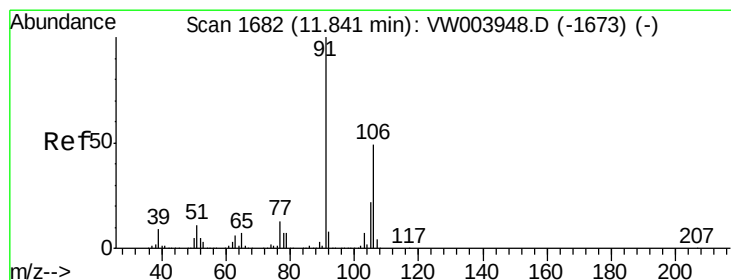
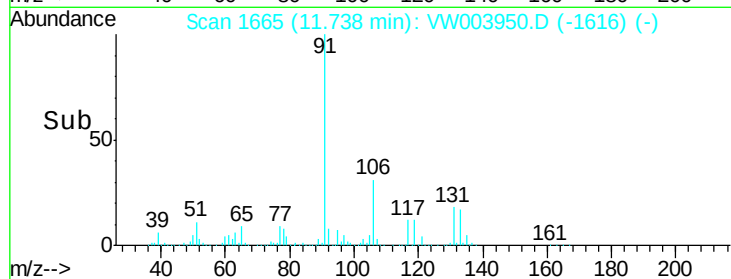
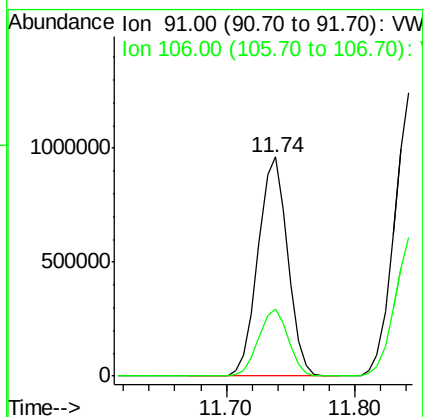
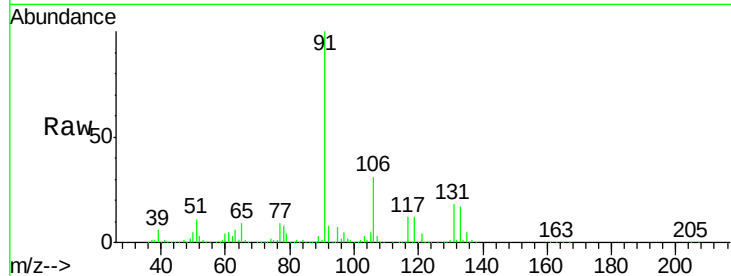




#67
Ethyl Benzene
Concen: 99.99 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

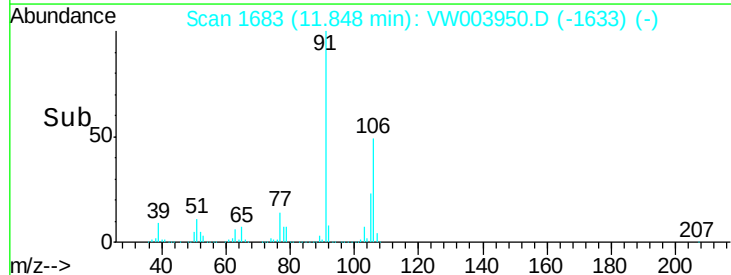
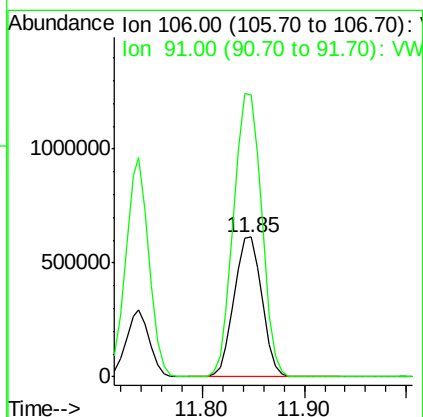
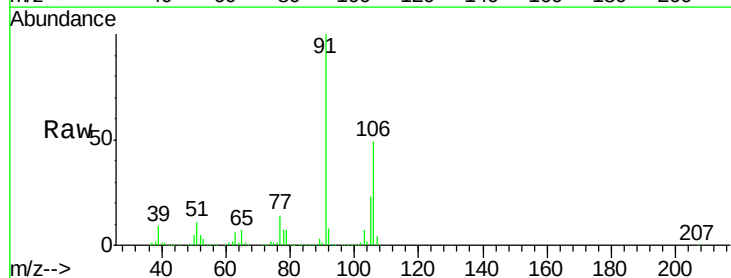
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

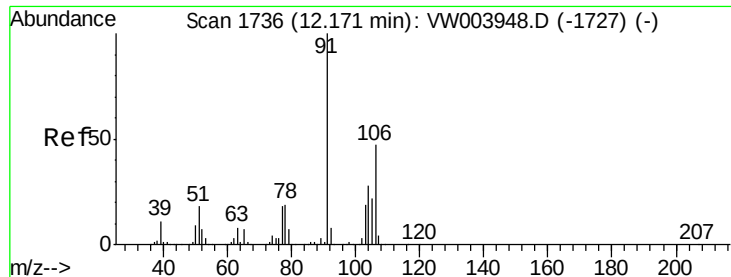
Tot Ion: 91 Resp: 1526628
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#68
m/p-Xylenes
Concen: 198.06 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion: 106 Resp: 1156294
Ion Ratio Lower Upper
106 100
91 204.4 164.2 246.2

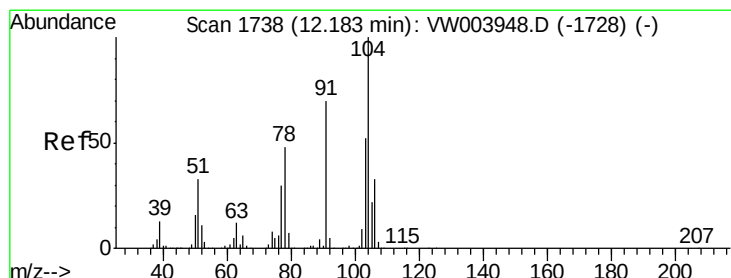
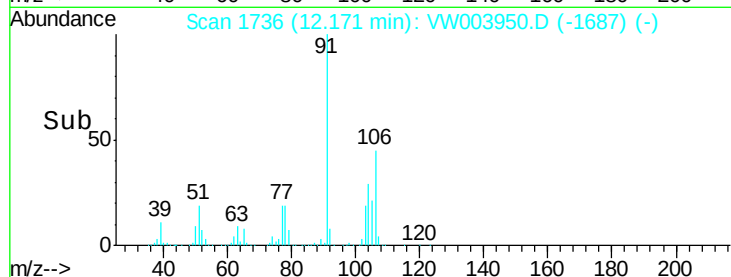
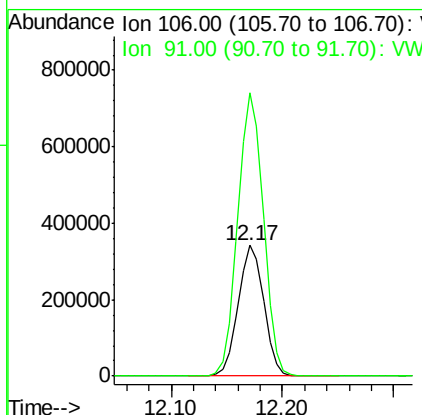
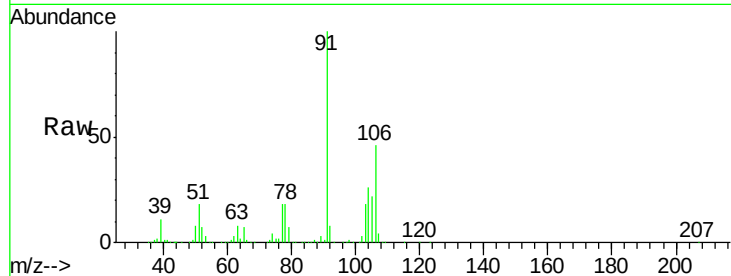




#69
o-Xylene
Concen: 100.43 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

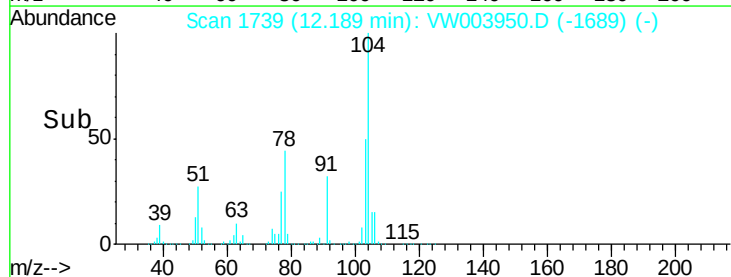
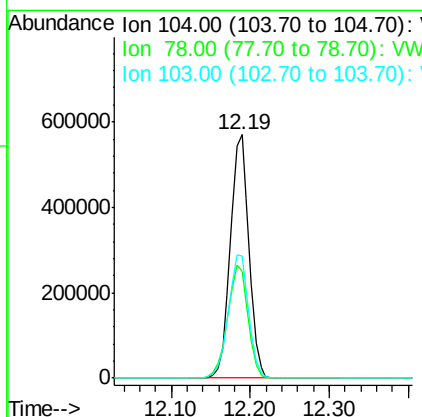
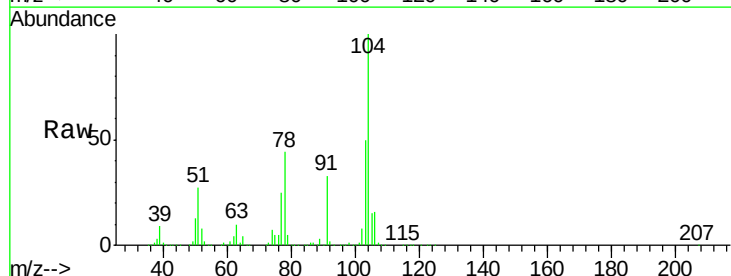
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

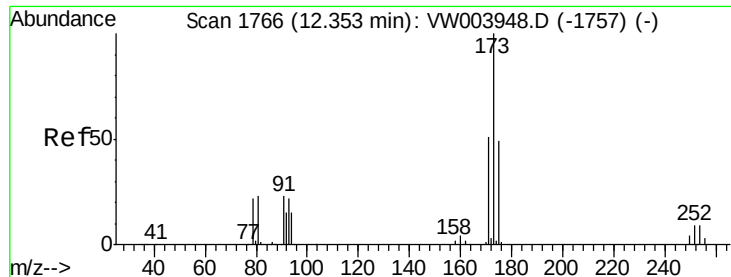
Tot Ion:106 Resp: 544267
Ion Ratio Lower Upper
106 100
91 216.9 107.5 322.6



#70
Styrene
Concen: 102.96 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003950.D
Acq: 16 Jul 2018 14:07

Tgt Ion:104 Resp: 933046
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.4
103 55.0 44.6 67.0





#71

Bromoform

Concen: 108.84 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

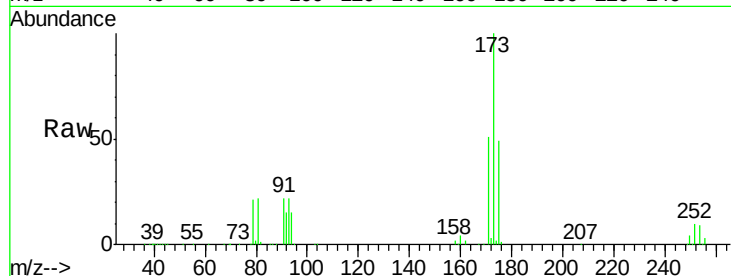
Tot Ion:173 Resp: 181158

Ion Ratio Lower Upper

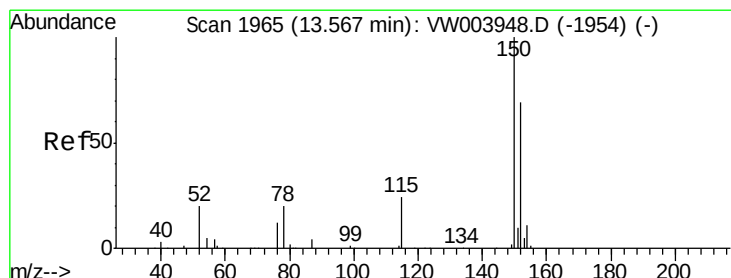
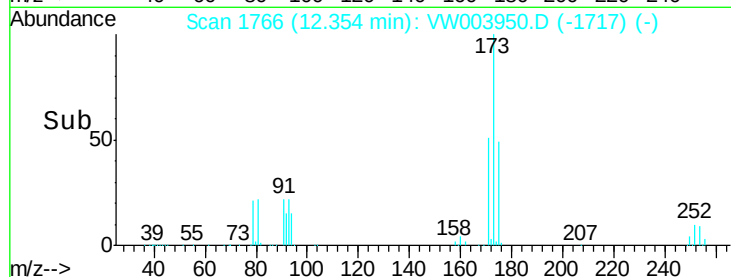
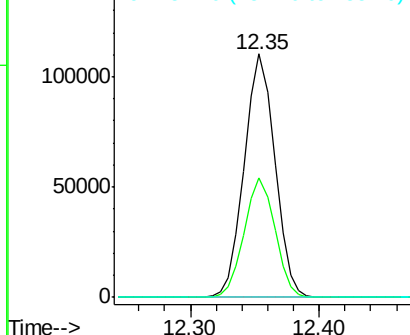
173 100

175 49.4 24.4 73.2

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

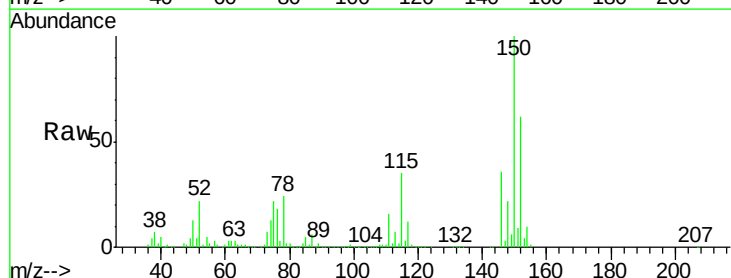
Tgt Ion:152 Resp: 211448

Ion Ratio Lower Upper

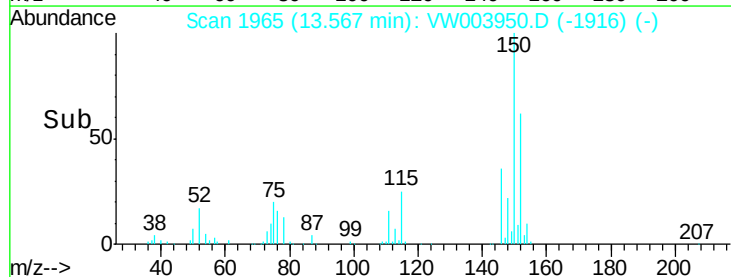
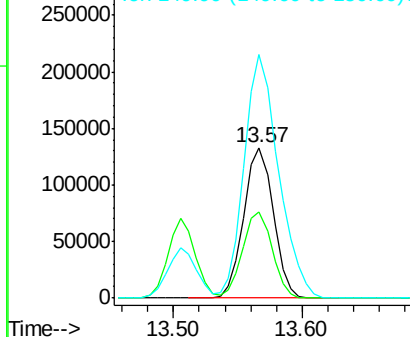
152 100

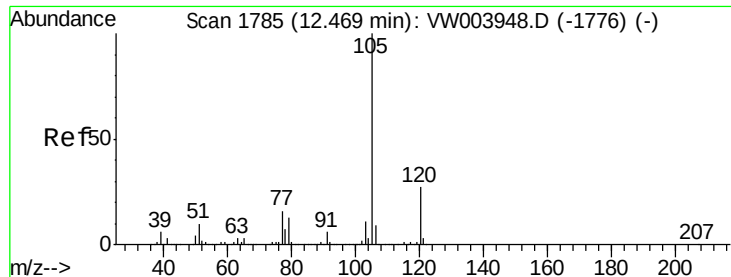
115 57.1 29.2 87.6

150 188.0 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60):
Ion 114.90 (114.60 to 115.60):
Ion 149.90 (149.60 to 150.60):





#73

Isopropylbenzene

Concen: 100.13 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

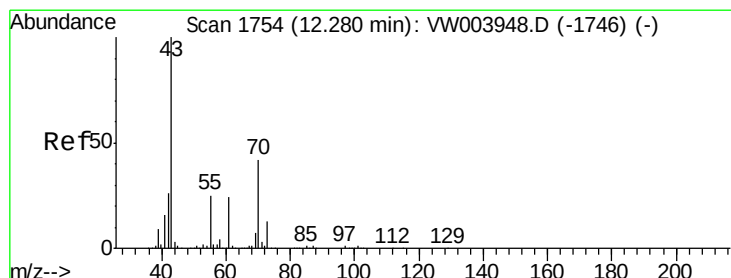
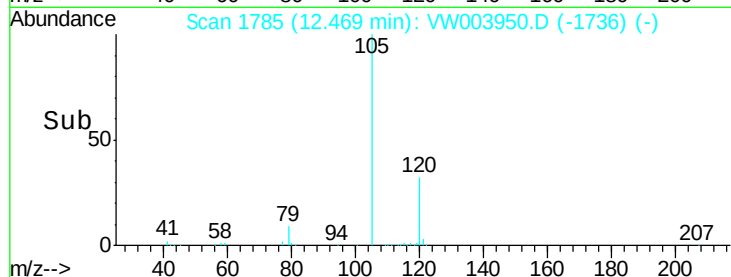
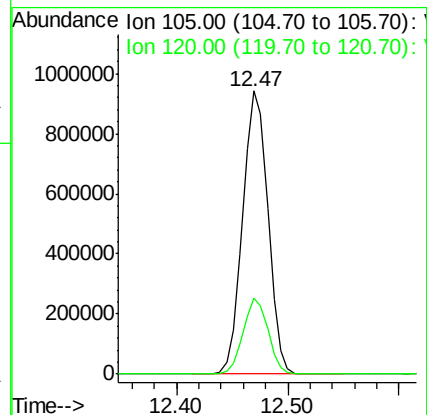
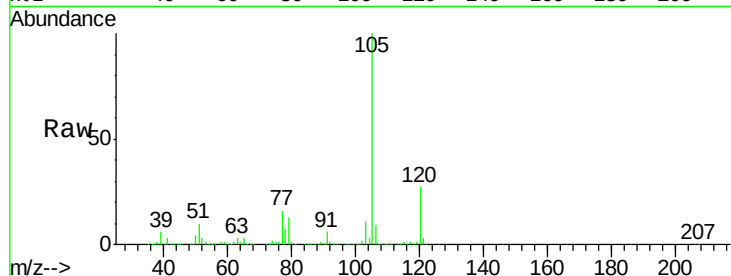
VSTDIC100

Tot Ion:105 Resp: 1484812

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 115.23 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion: 43 Resp: 435000

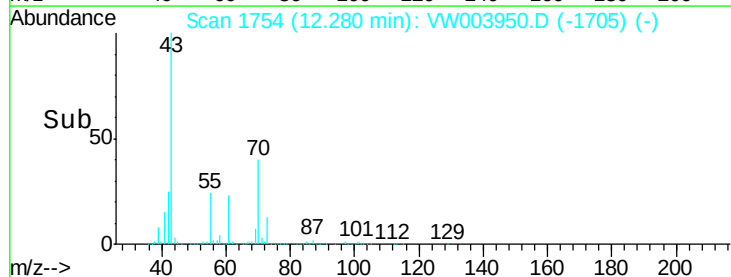
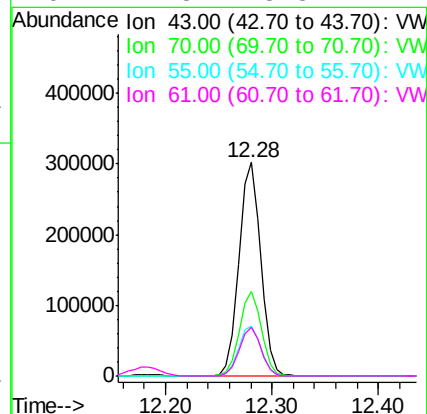
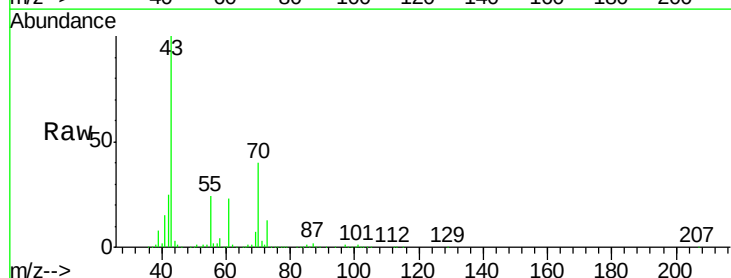
Ion Ratio Lower Upper

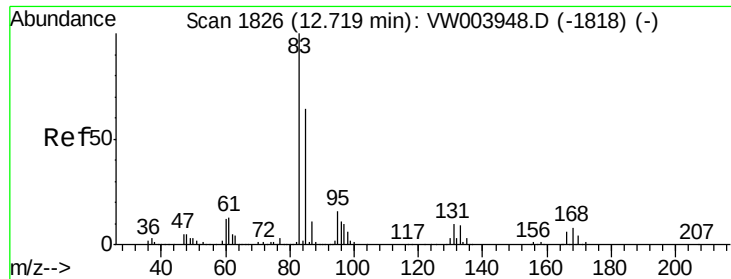
43 100

70 39.9 31.6 47.4

55 24.3 20.0 30.0

61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 106.07 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

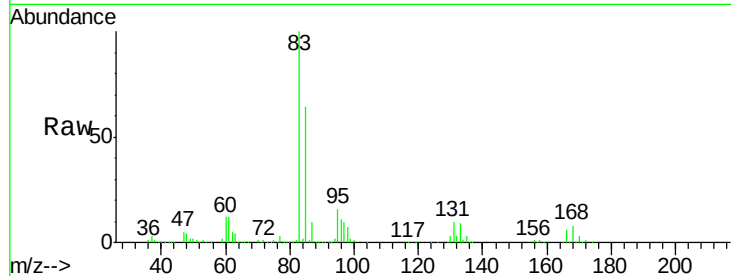
Tot Ion: 83 Resp: 297786

Ion Ratio Lower Upper

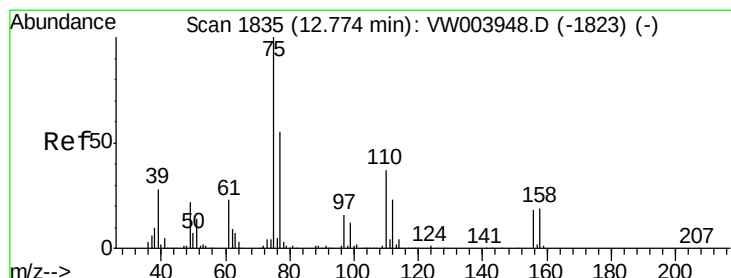
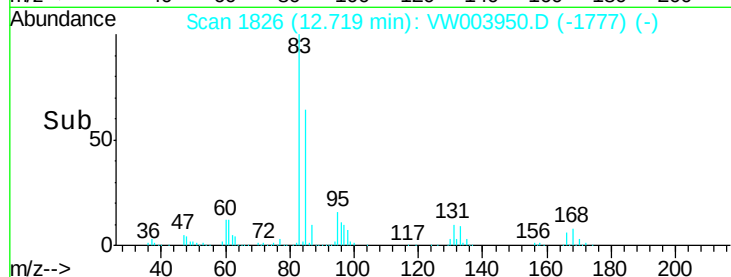
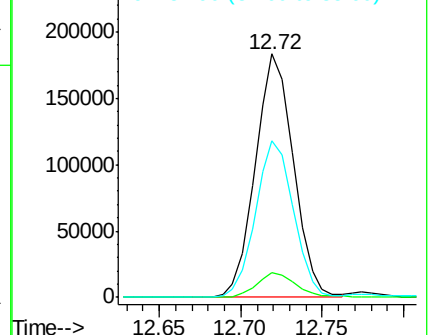
83 100

131 10.4 5.3 15.8

85 64.3 32.2 96.6



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: 187.85 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003950.D

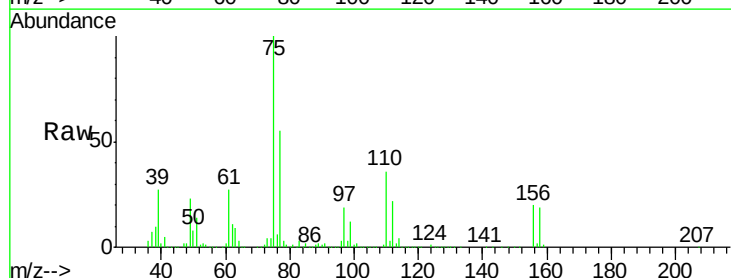
Acq: 16 Jul 2018 14:07

Tgt Ion: 75 Resp: 404754

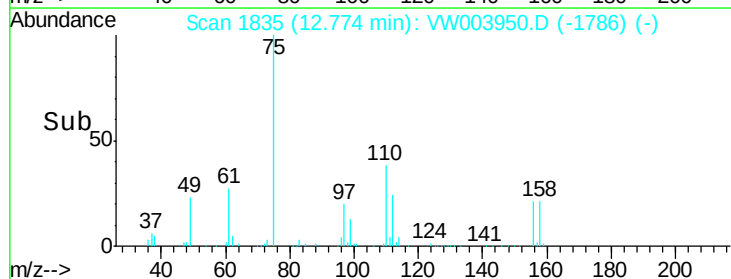
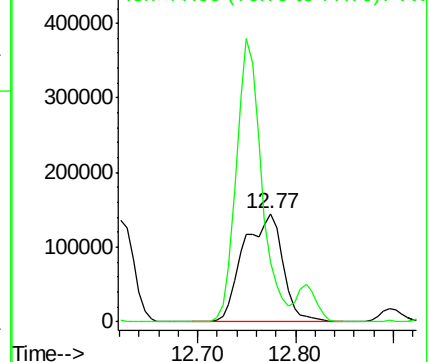
Ion Ratio Lower Upper

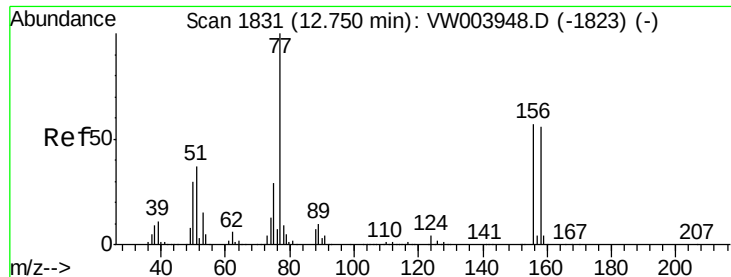
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 98.70 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

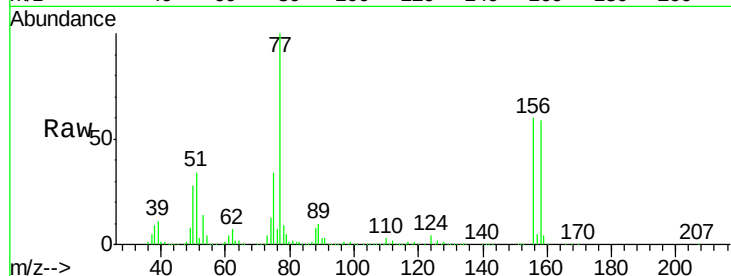
Tot Ion:156 Resp: 349743

Ion Ratio Lower Upper

156 100

77 195.3 96.2 288.6

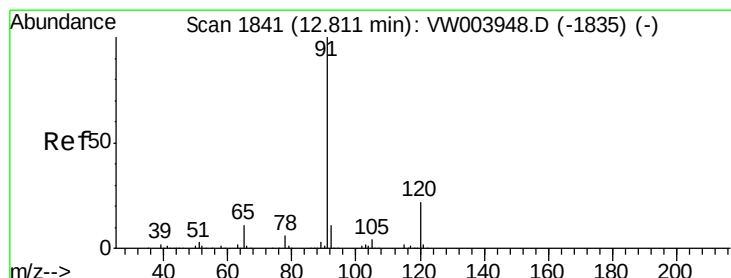
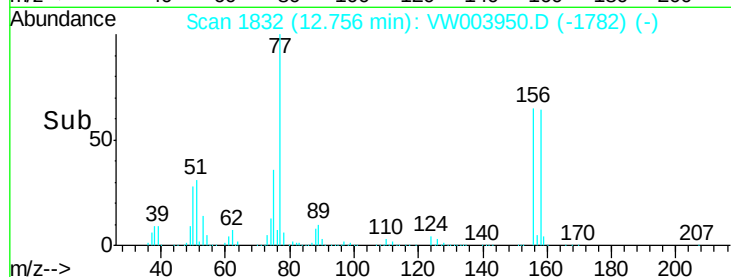
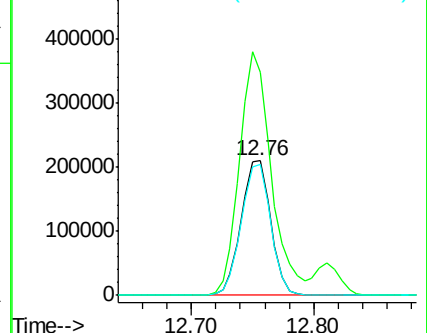
158 97.2 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50):

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50):



#78

n-propylbenzene

Concen: 99.23 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003950.D

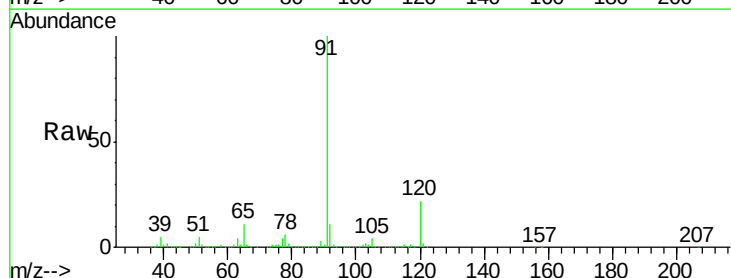
Acq: 16 Jul 2018 14:07

Tgt Ion: 91 Resp: 1812979

Ion Ratio Lower Upper

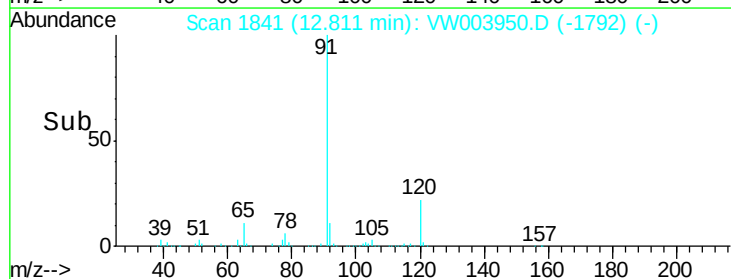
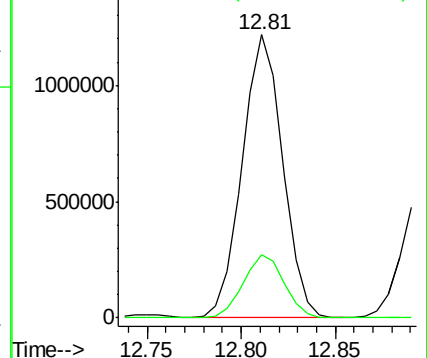
91 100

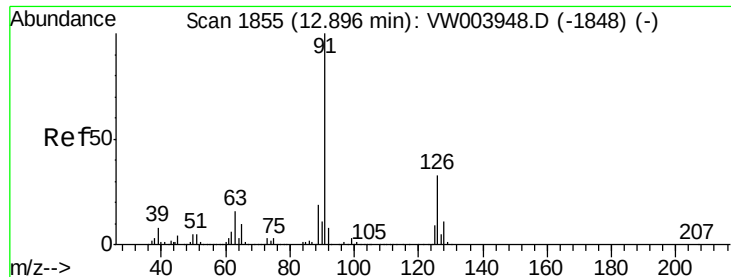
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70):





#79

2-Chlorotoluene

Concen: 98.94 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

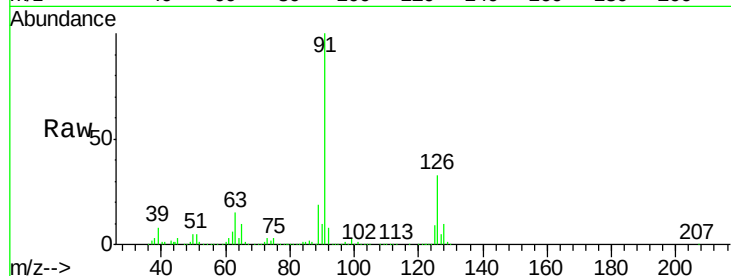
VSTDIC100

Tot Ion: 91 Resp: 1022616

Ion Ratio Lower Upper

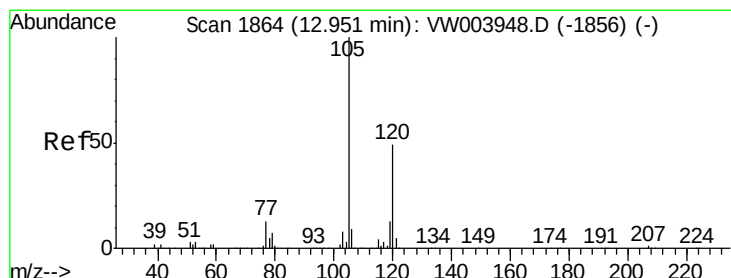
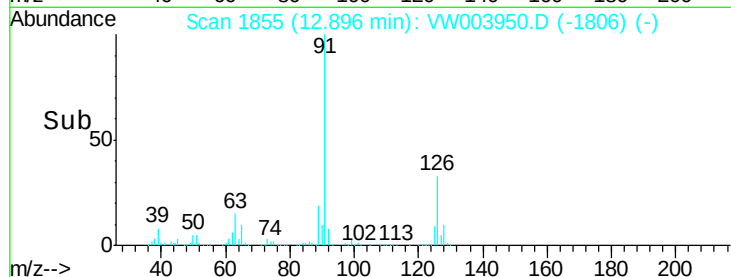
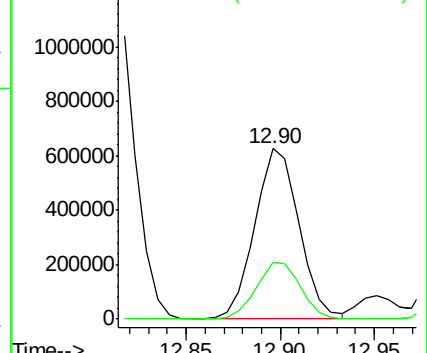
91 100

126 33.4 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60):



#80

1,3,5-Trimethylbenzene

Concen: 98.69 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003950.D

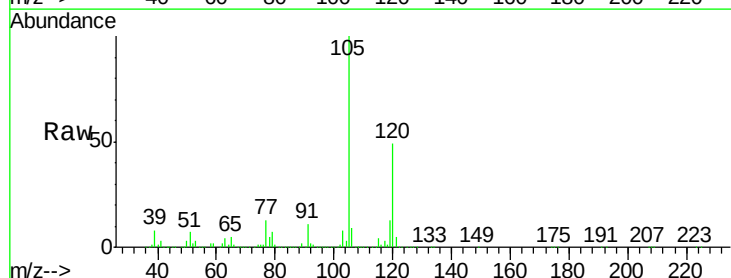
Acq: 16 Jul 2018 14:07

Tgt Ion:105 Resp: 1239609

Ion Ratio Lower Upper

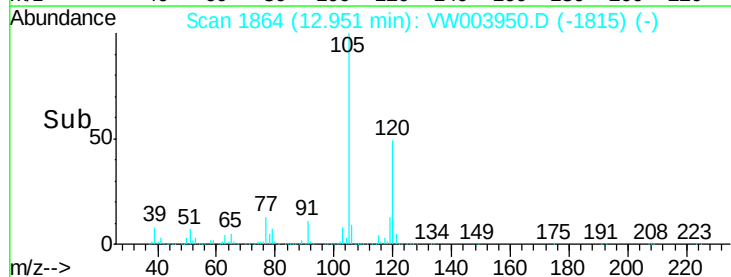
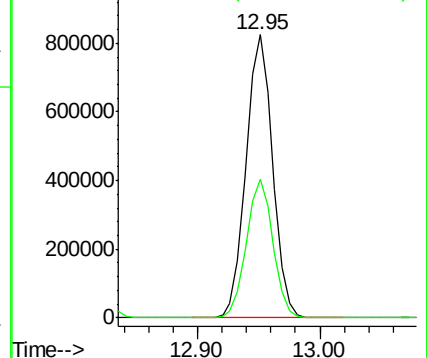
105 100

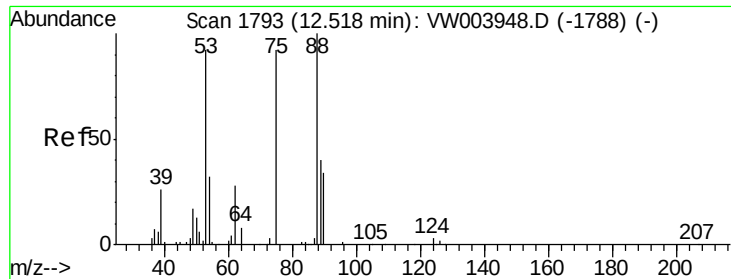
120 48.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70):

Ion 120.00 (119.70 to 120.70):





#81

trans-1,4-Dichloro-2-butene

Concen: 116.03 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

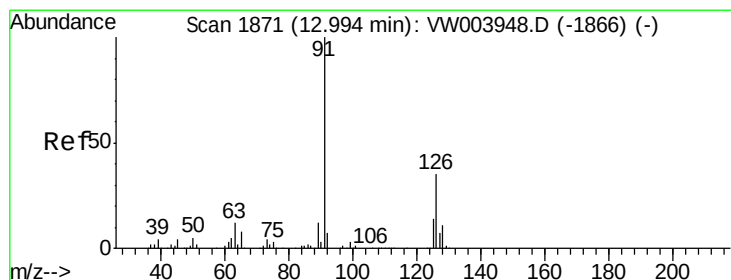
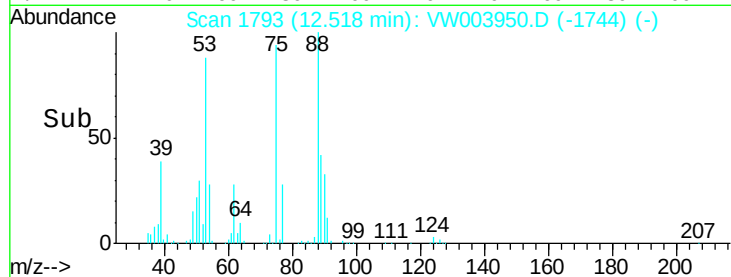
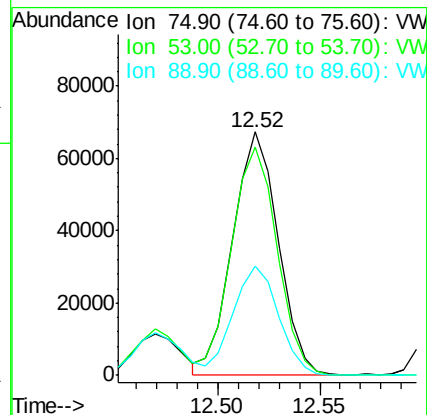
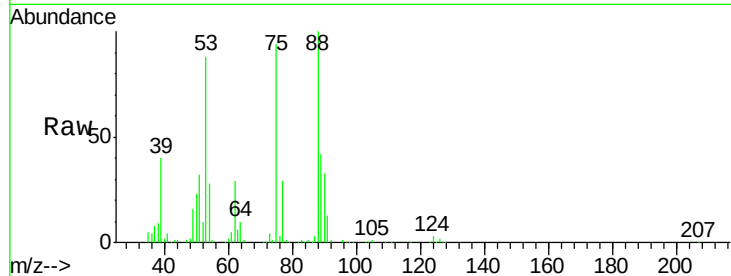
Tot Ion: 75 Resp: 103498

Ion Ratio Lower Upper

75 100

53 94.4 77.6 116.4

89 44.9 36.6 54.8



#82

4-Chlorotoluene

Concen: 96.26 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003950.D

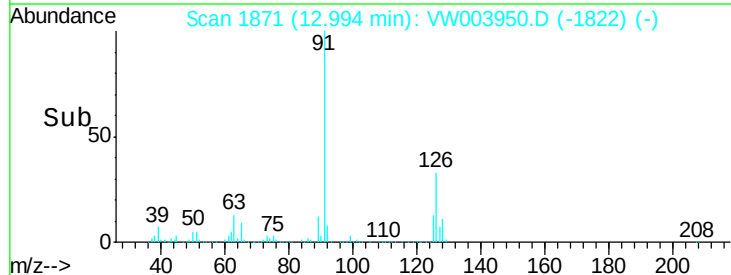
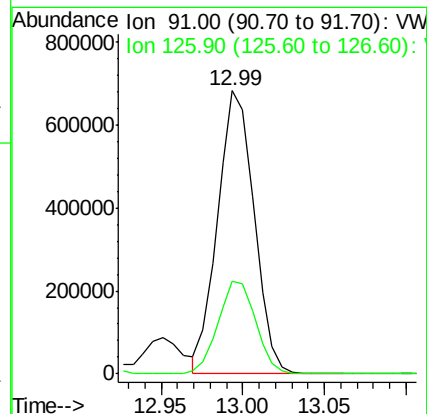
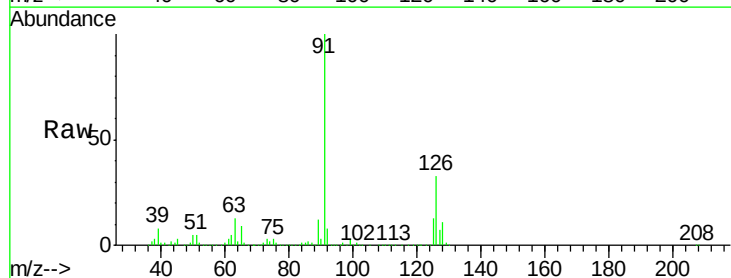
Acq: 16 Jul 2018 14:07

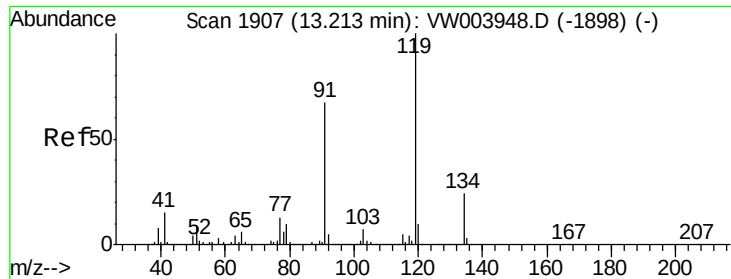
Tgt Ion: 91 Resp: 1064395

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.0

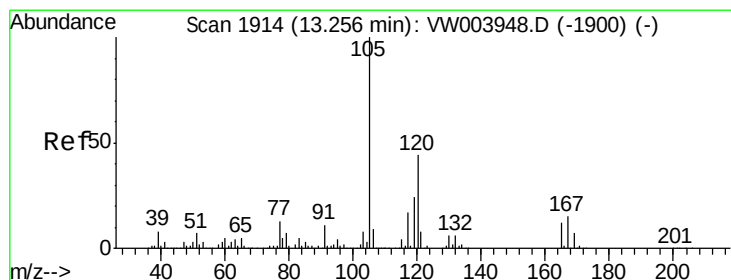
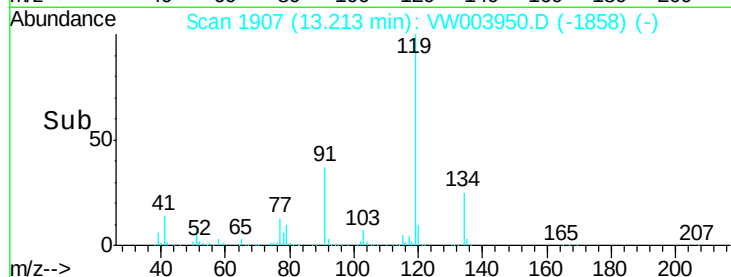
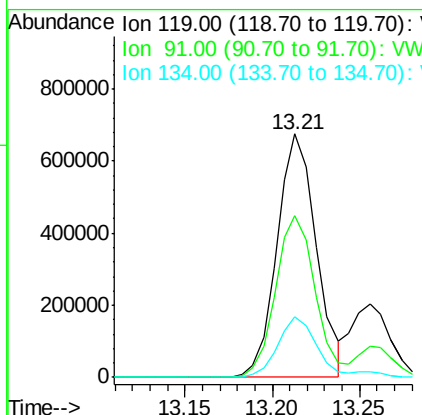
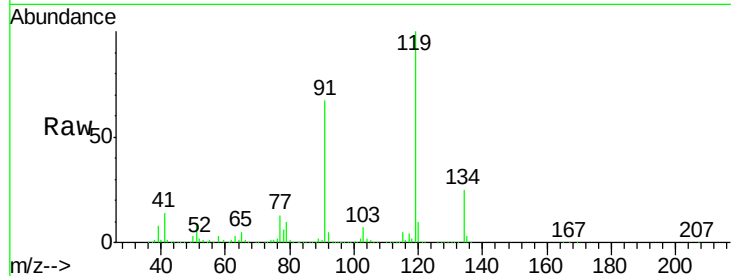




#83
 tert-Butylbenzene
 Concen: 100.85 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

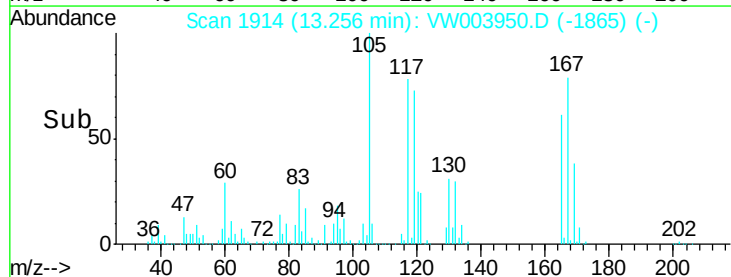
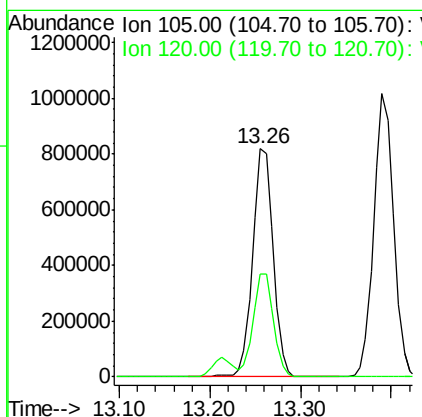
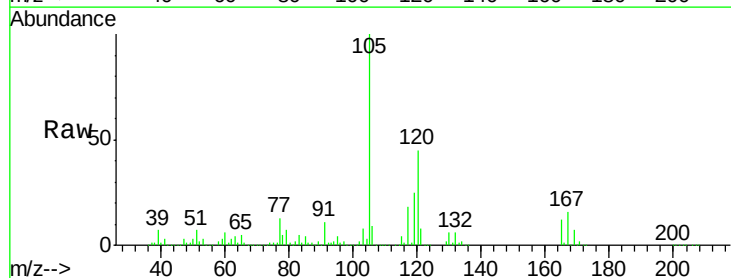
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

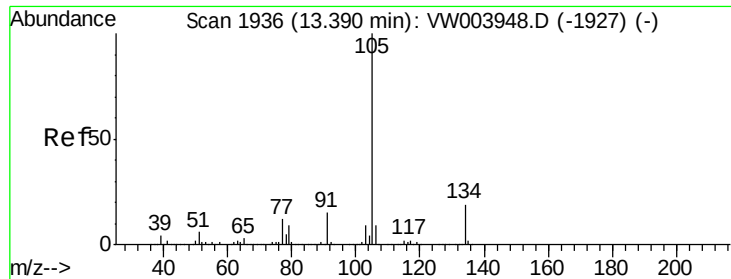
Tot Ion:119 Resp: 1057877
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.2 99.6
 134 26.0 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 99.48 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion:105 Resp: 1283633
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 98.14 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

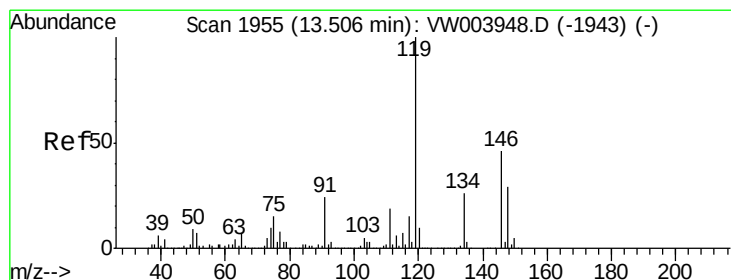
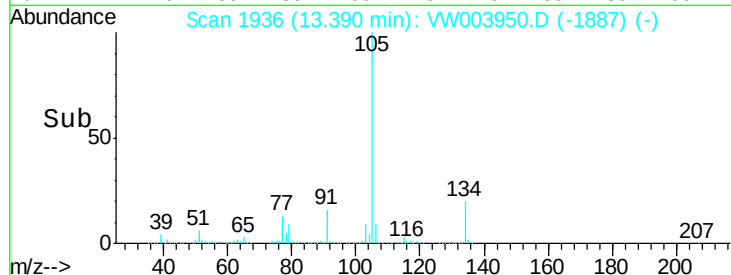
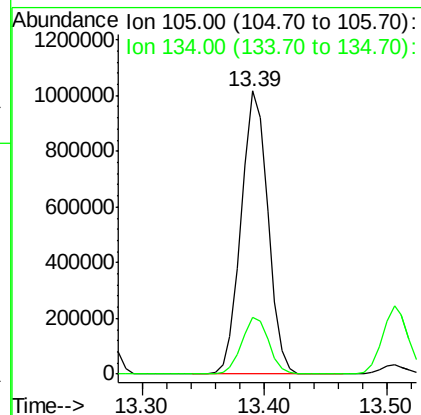
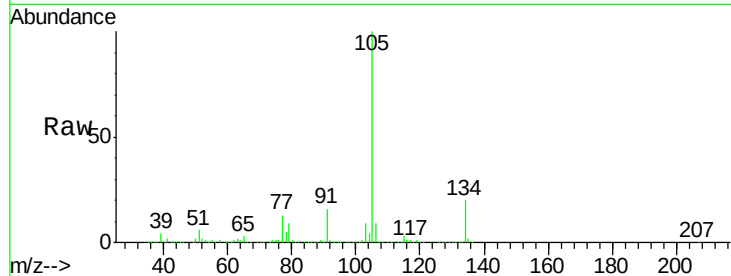
VSTDIC100

Tot Ion:105 Resp: 1535970

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 99.47 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

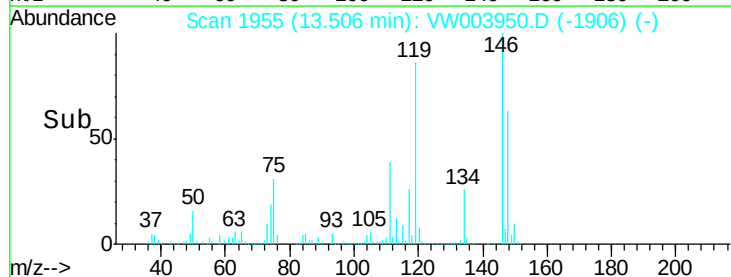
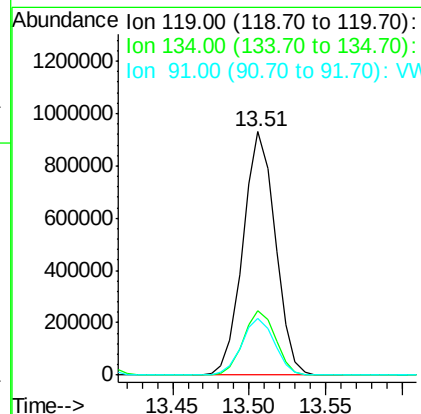
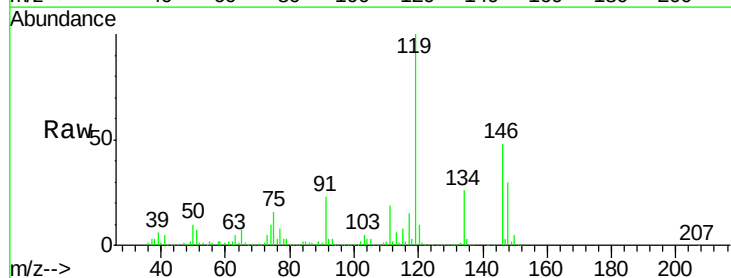
Tgt Ion:119 Resp: 1365163

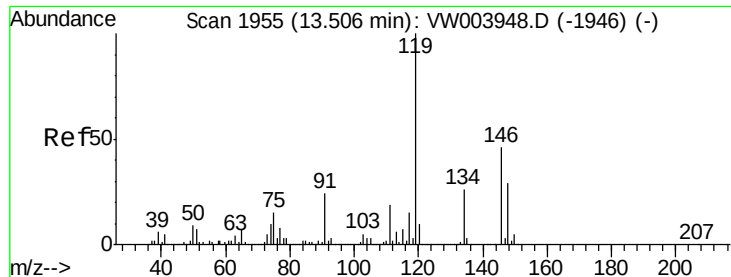
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.5 11.8 35.3

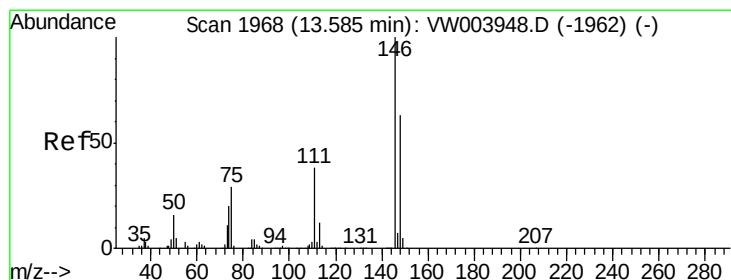
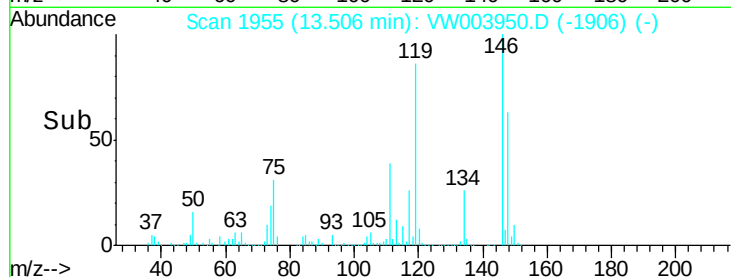
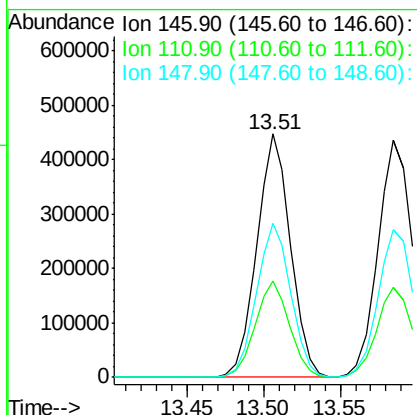
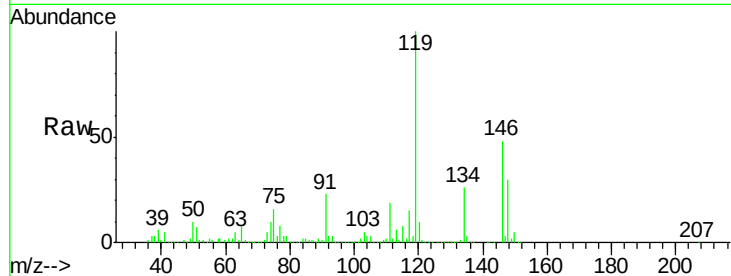




#87
 1,3-Dichlorobenzene
 Concen: 96.10 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

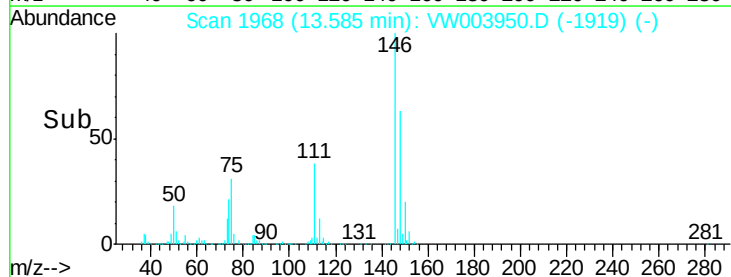
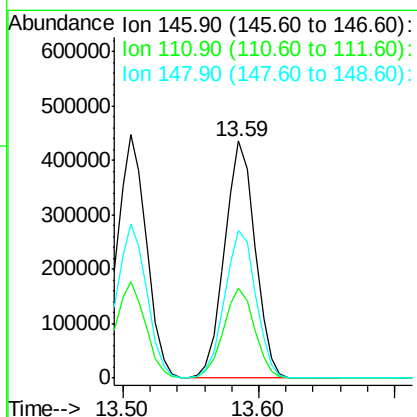
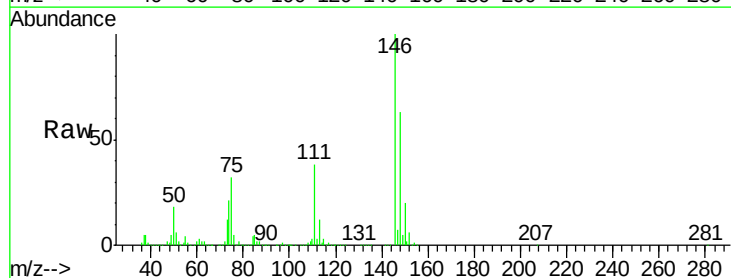
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

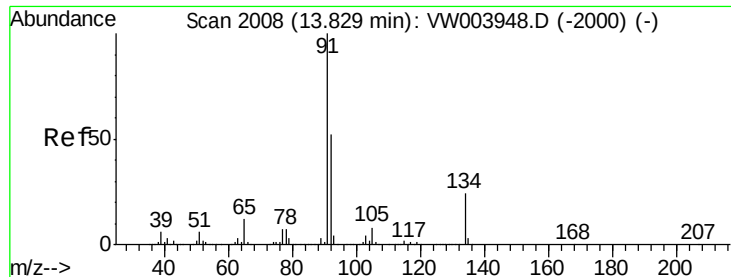
Tot Ion:146 Resp: 684993
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.6
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 94.91 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion:146 Resp: 678445
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.6 58.7
 148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 98.97 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

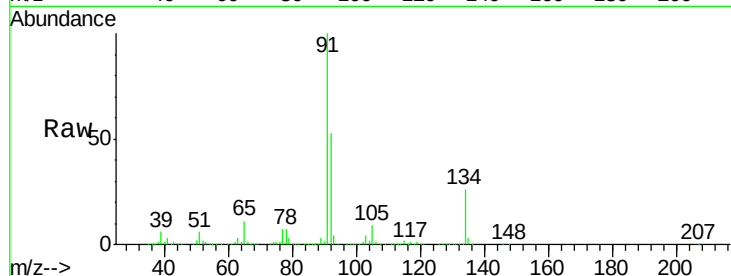
Tot Ion: 91 Resp: 1335368

Ion Ratio Lower Upper

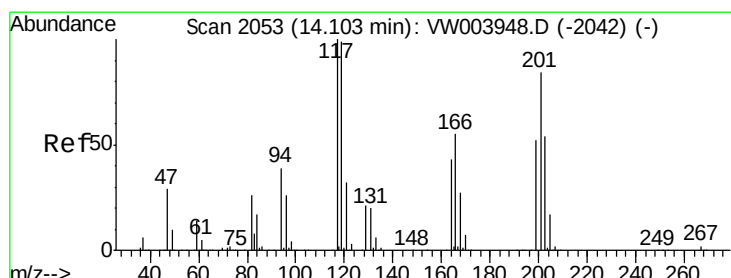
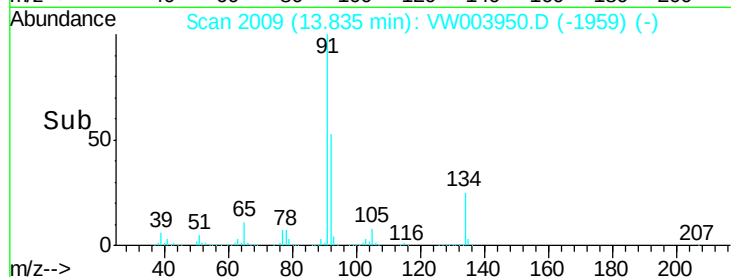
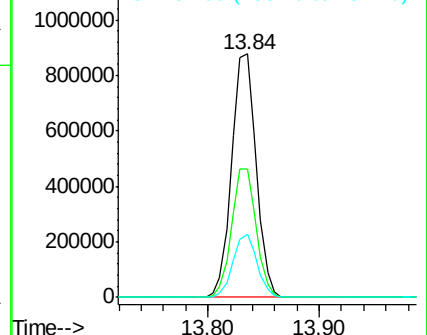
91 100

92 52.8 26.1 78.3

134 25.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70):



#90

Hexachloroethane

Concen: 97.20 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003950.D

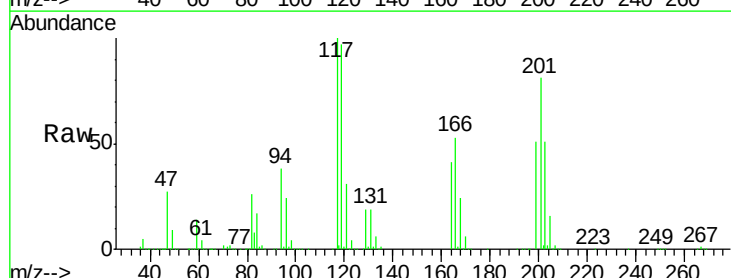
Acq: 16 Jul 2018 14:07

Tgt Ion: 117 Resp: 245858

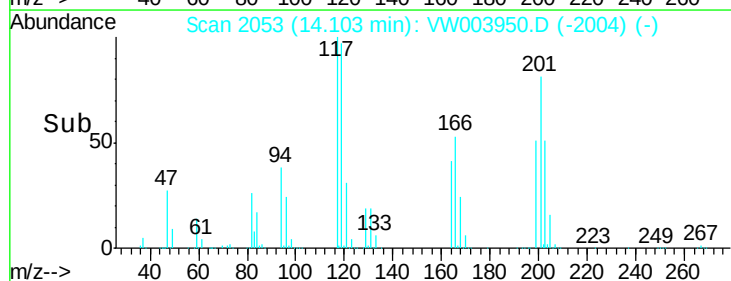
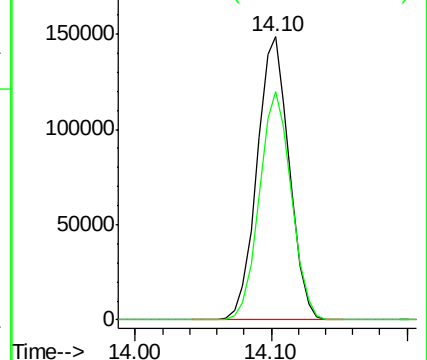
Ion Ratio Lower Upper

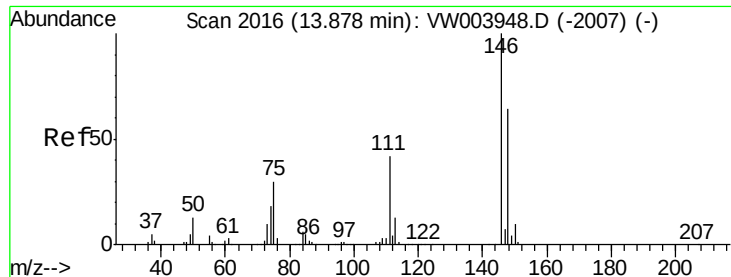
117 100

201 80.3 40.3 120.9



Abundance Ion 116.80 (116.50 to 117.50):
Ion 200.70 (200.40 to 201.40):

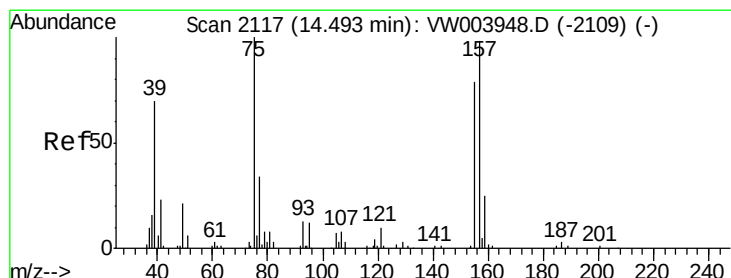
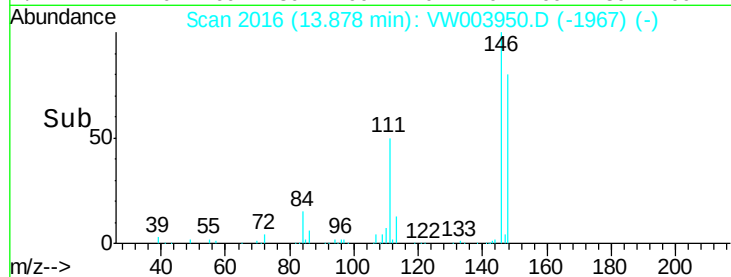
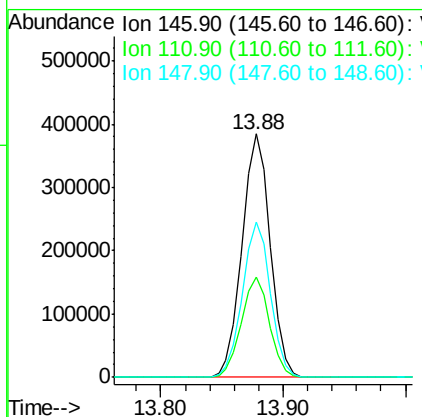
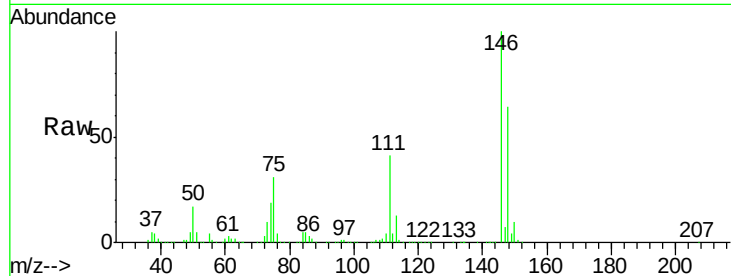




#91
 1,2-Dichlorobenzene
 Concen: 96.62 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

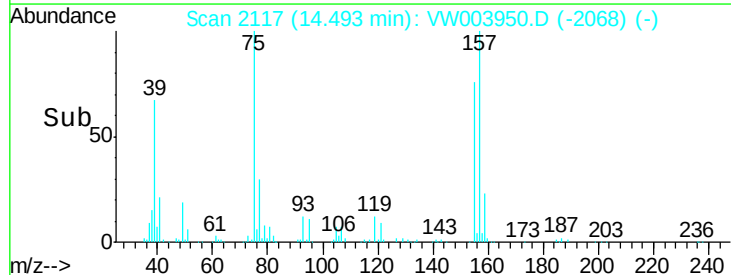
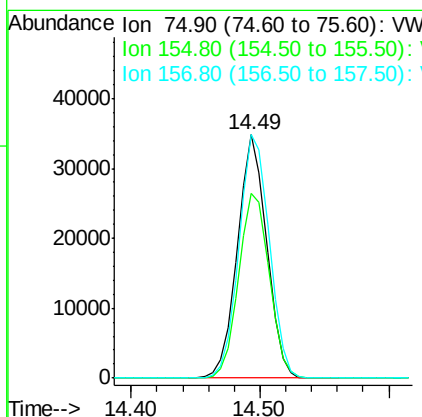
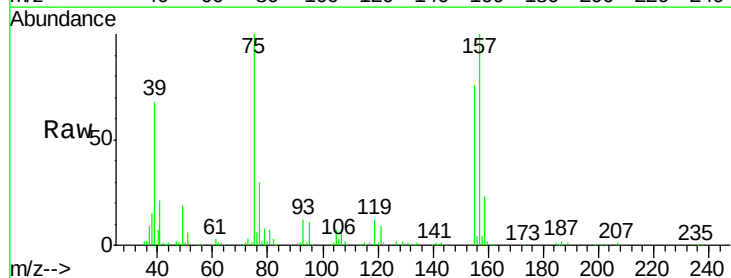
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

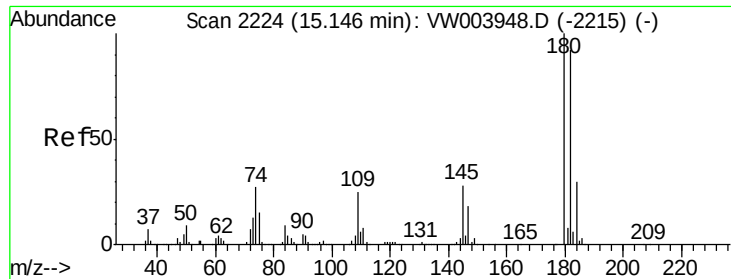
Tot Ion:146 Resp: 614187
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.7 62.1
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 110.97 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion: 75 Resp: 54650
 Ion Ratio Lower Upper
 75 100
 155 79.3 39.4 118.1
 157 103.4 51.8 155.4

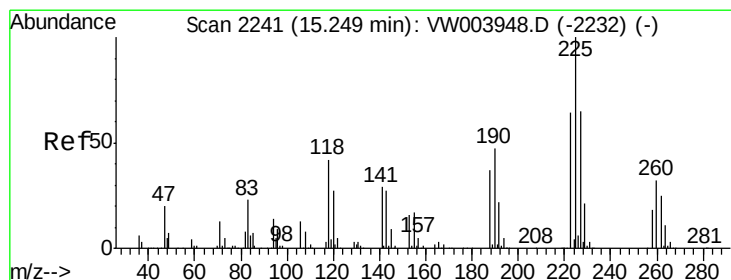
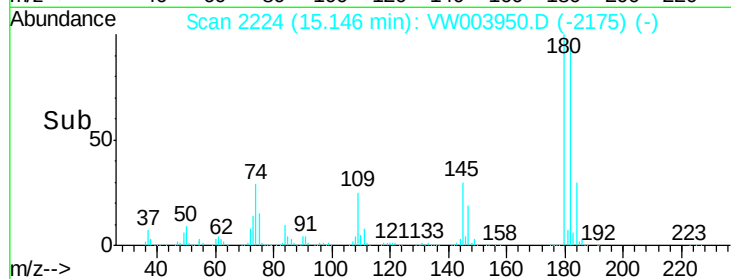
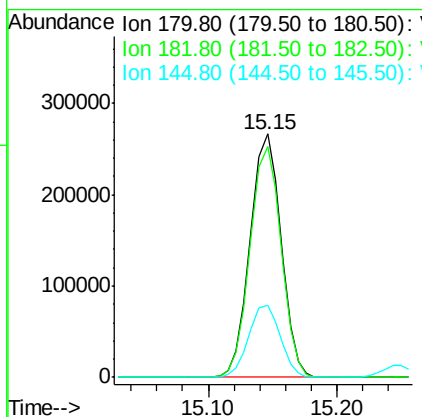
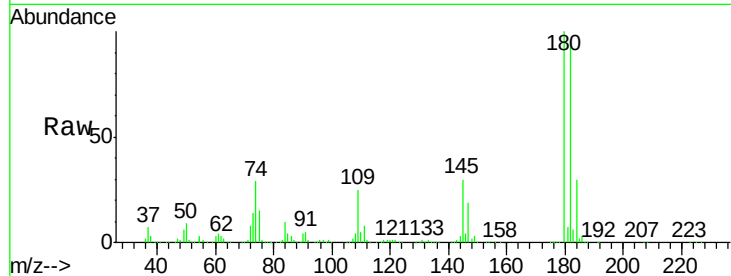




#93
 1,2,4-Trichlorobenzene
 Concen: 100.08 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

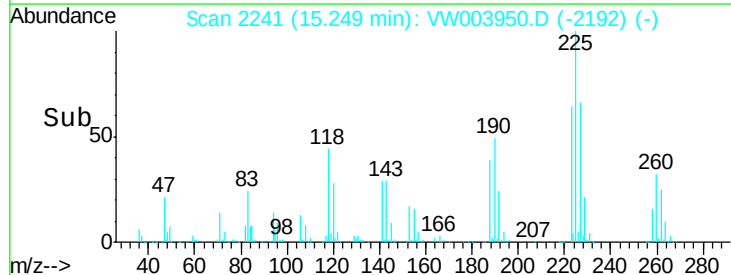
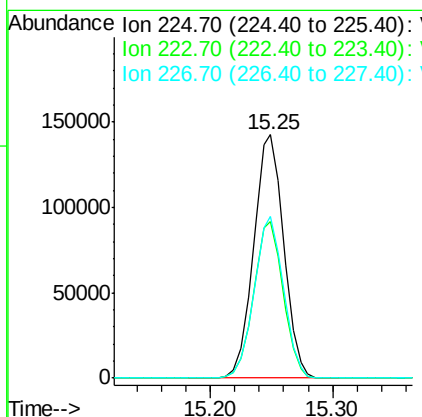
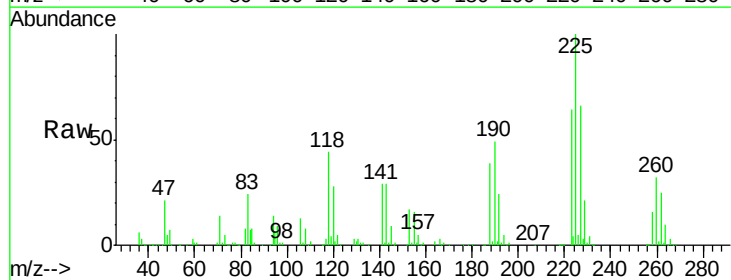
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

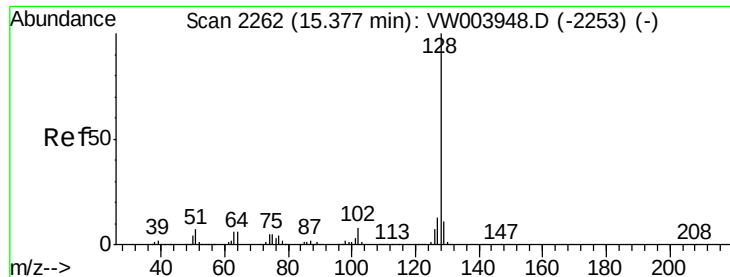
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.8
145	30.4	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 95.81 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003950.D
 Acq: 16 Jul 2018 14:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.0	96.2
227	64.8	32.3	96.9





#95

Naphthalene

Concen: 115.52 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

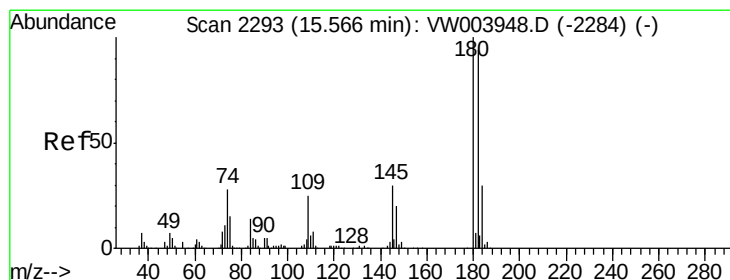
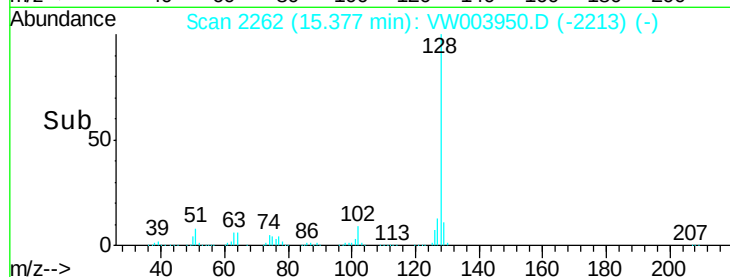
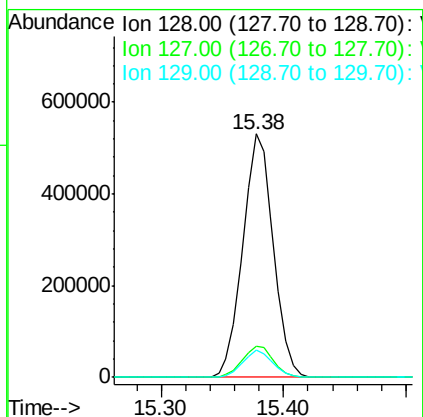
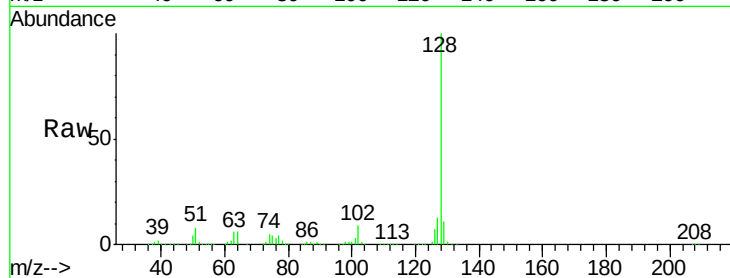
Tot Ion:128 Resp: 918051

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 101.73 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW003950.D

Acq: 16 Jul 2018 14:07

Tgt Ion:180 Resp: 396171

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 31.9 15.8 47.4

