

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071618\
 Data File : VW003948.D
 Acq On : 16 Jul 2018 13:15
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 16 14:01:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164430	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.88	113	146000	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.33	98	574802	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	208423	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	75077	54.79	ug/l	100
3) Chloromethane	2.21	50	98415	39.47	ug/l	100
4) Vinyl Chloride	2.36	62	139332	42.09	ug/l	100
5) Bromomethane	2.77	94	81947	35.84	ug/l	100
6) Chloroethane	2.92	64	77018	39.01	ug/l	100
7) Trichlorofluoromethane	3.25	101	56071	41.89	ug/l	100
8) Diethyl Ether	3.67	74	66909	47.33	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	132623	50.07	ug/l	100
10) Methyl Iodide	4.26	142	194993	49.58	ug/l	100
11) Tert butyl alcohol	5.19	59	52982	265.73	ug/l	100
12) 1,1-Dichloroethene	4.03	96	132074	50.68	ug/l	100
13) Acrolein	3.89	56	49796	204.16	ug/l	100
14) Allyl chloride	4.65	41	214199	47.82	ug/l	100
15) Acrylonitrile	5.37	53	174598	252.62	ug/l	100
16) Acetone	4.12	43	178535	280.93	ug/l	100
17) Carbon Disulfide	4.37	76	415171	48.66	ug/l	100
18) Methyl Acetate	4.67	43	89646	51.68	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	261822	49.43	ug/l	100
20) Methylene Chloride	4.91	84	161702	44.76	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	145813	47.62	ug/l	100
22) Diisopropyl ether	6.31	45	456221	46.73	ug/l	100
23) Vinyl Acetate	6.26	43	1477806	246.66	ug/l	100
24) 1,1-Dichloroethane	6.21	63	270425	45.43	ug/l	100
25) 2-Butanone	7.18	43	249537	255.74	ug/l	100
26) 2,2-Dichloropropane	7.17	77	148807	45.79	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157637	46.63	ug/l	100
28) Bromochloromethane	7.51	49	106944	40.80	ug/l	100
29) Tetrahydrofuran	7.53	42	158843	254.21	ug/l	100
30) Chloroform	7.68	83	266304	44.07	ug/l	100
31) Cyclohexane	7.95	56	245026	46.44	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	207789	45.04	ug/l	100
36) 1,1-Dichloropropene	8.08	75	220358	49.26	ug/l	100
37) Ethyl Acetate	7.26	43	106912	49.39	ug/l	100
38) Carbon Tetrachloride	8.07	117	203993	48.04	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	266520	53.85	ug/l	100
40) Benzene	8.32	78	605948	47.57	ug/l	100
41) Methacrylonitrile	7.49	41	56076	45.86	ug/l	100
42) 1,2-Dichloroethane	8.40	62	185580	45.43	ug/l	100
43) Isopropyl Acetate	8.43	43	201808	49.43	ug/l	100
44) Trichloroethene	9.09	130	155667	48.30	ug/l	100
45) 1,2-Dichloropropane	9.37	63	155492	47.05	ug/l	100
46) Dibromomethane	9.46	93	81057	46.87	ug/l	100
47) Bromodichloromethane	9.65	83	199084	46.71	ug/l	100
48) Methyl methacrylate	9.44	41	99601	51.28	ug/l	100
49) 1,4-Dioxane	9.45	88	25979	1000.13	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	545960	258.97	ug/l	100
52) Toluene	10.39	92	377430	47.92	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	212046	49.69	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241395	49.96	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	113194	47.11	ug/l	100
56) Ethyl methacrylate	10.65	69	157415	53.58	ug/l	100
57) 1,3-Dichloropropane	10.93	76	199734	47.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	350693	258.23	ug/l	100
59) 2-Hexanone	10.98	43	385297	266.05	ug/l	100
60) Dibromochloromethane	11.13	129	133252	47.60	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108408	47.34	ug/l	100
64) Tetrachloroethene	10.87	164	129425	45.94	ug/l	100
65) Chlorobenzene	11.66	112	408438	48.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	144791	48.84	ug/l	100
67) Ethyl Benzene	11.74	91	738170	50.83	ug/l	100
68) m/p-Xylenes	11.84	106	564064	101.57	ug/l	100
69) o-Xylene	12.17	106	264327	51.54	ug/l	100
70) Styrene	12.18	104	446136	51.39	ug/l	100
71) Bromoform	12.35	173	83445	51.10	ug/l	100
73) Isopropylbenzene	12.47	105	728046	52.15	ug/l	100
74) N-amyl acetate	12.28	43	195608	52.10	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	140007	49.83	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	188550	80.66	ug/l #	100
77) Bromobenzene	12.75	156	171251	49.49	ug/l	100
78) n-propylbenzene	12.81	91	901599	51.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	495144	49.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	617841	51.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	46787	56.11	ug/l	100
82) 4-Chlorotoluene	12.99	91	534168	49.60	ug/l	100
83) tert-Butylbenzene	13.21	119	526975	53.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	638522	51.26	ug/l	100
85) sec-Butylbenzene	13.39	105	773841	52.11	ug/l	100
86) p-Isopropyltoluene	13.51	119	686400	52.90	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	342448	48.97	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	336935	48.03	ug/l	100
89) n-Butylbenzene	13.83	91	672153	52.58	ug/l	100
90) Hexachloroethane	14.10	117	122264	49.08	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	304011	48.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24547	50.56	ug/l	100

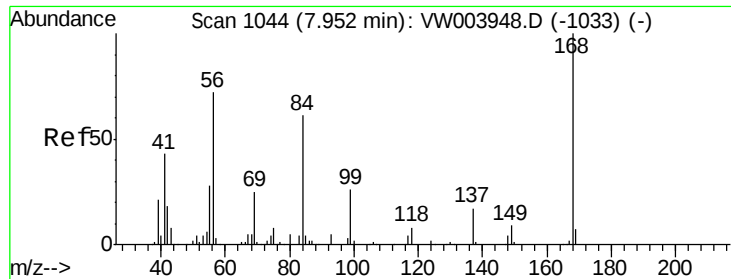
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	218060	51.08	ug/l	100
94) Hexachlorobutadiene	15.25	225	122618	50.02	ug/l	100
95) Naphthalene	15.38	128	418462	55.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	193619	50.84	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

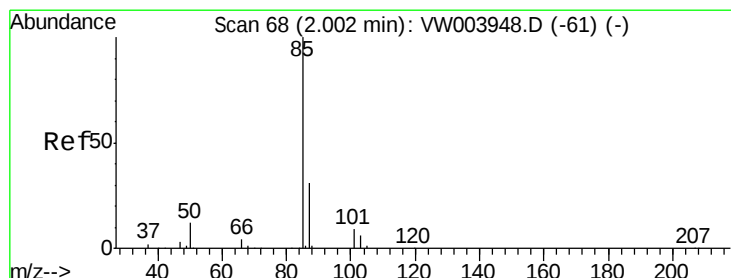
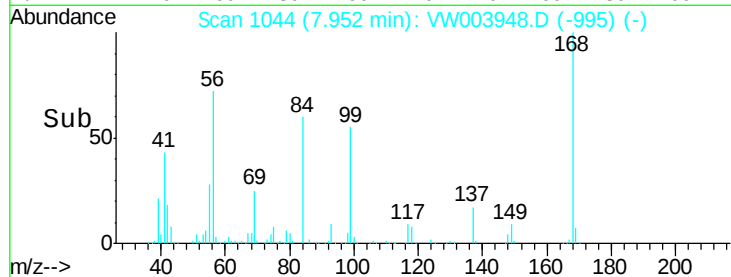
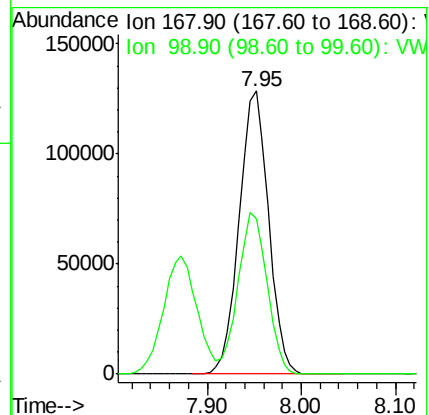
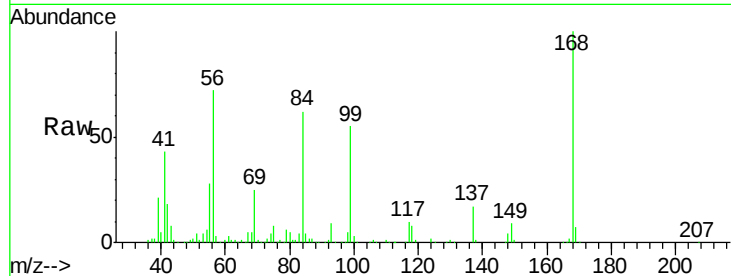
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:168 Resp: 277983

Ion Ratio Lower Upper

168 100

99 54.7 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 54.79 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003948.D

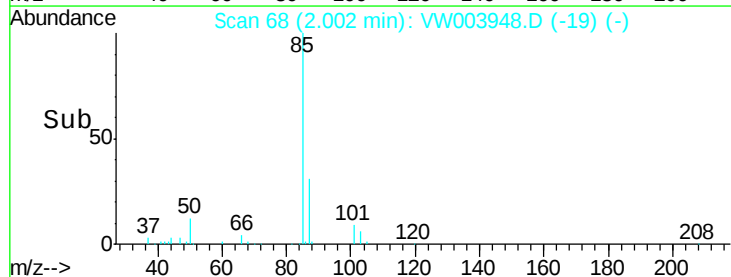
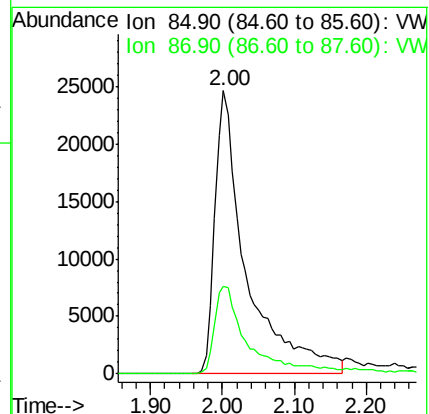
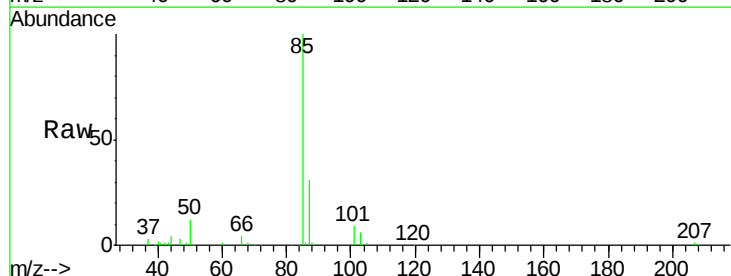
Acq: 16 Jul 2018 13:15

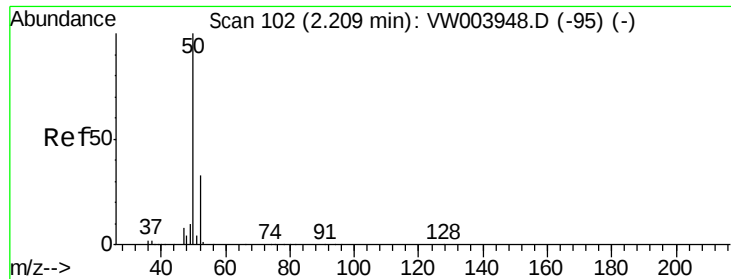
Tgt Ion: 85 Resp: 75077

Ion Ratio Lower Upper

85 100

87 30.8 15.4 46.2





#3

Chloromethane

Concen: 39.47 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

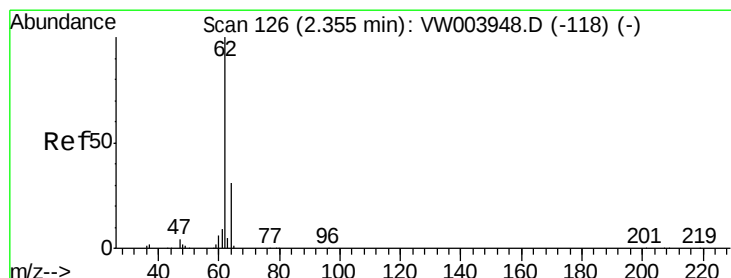
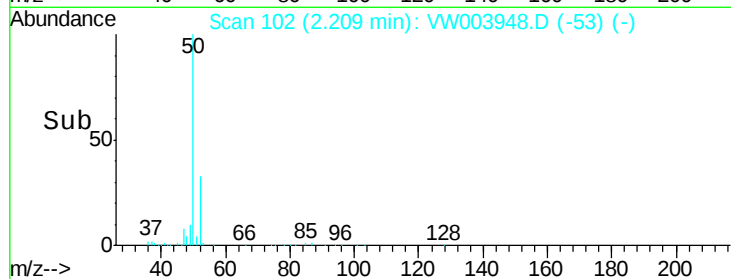
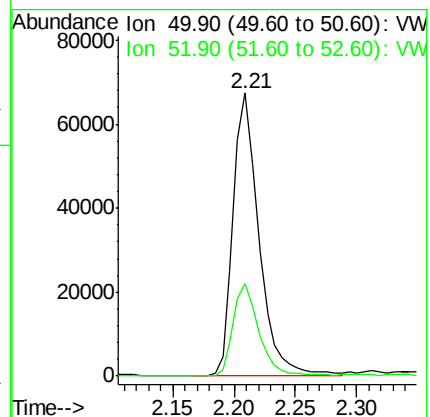
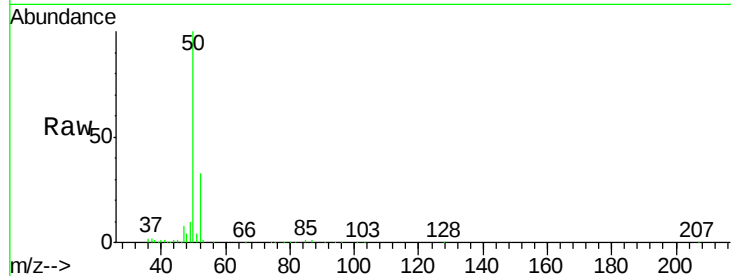
VSTDICCC050

Tot Ion: 50 Resp: 98415

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 42.09 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003948.D

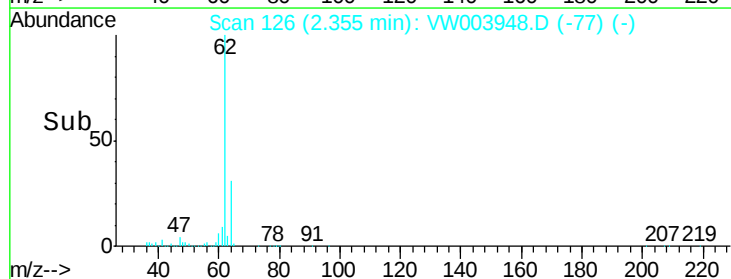
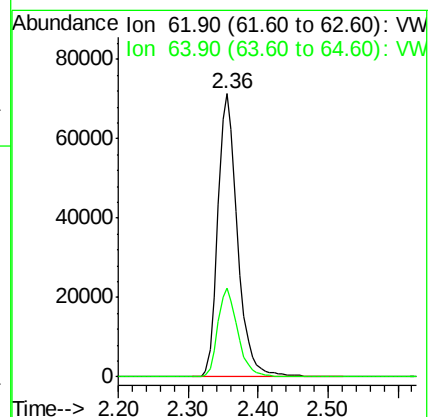
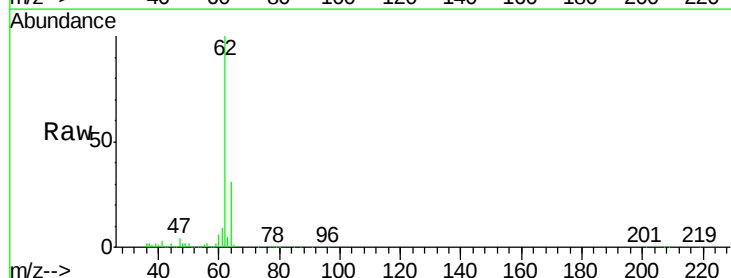
Acq: 16 Jul 2018 13:15

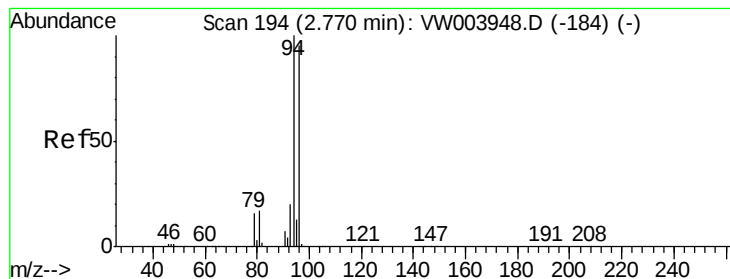
Tgt Ion: 62 Resp: 139332

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6





#5

Bromomethane

Concen: 35.84 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

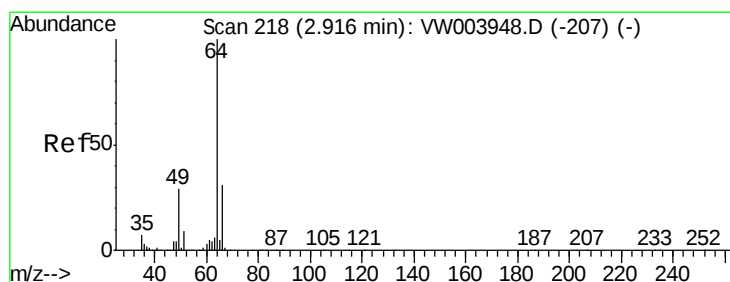
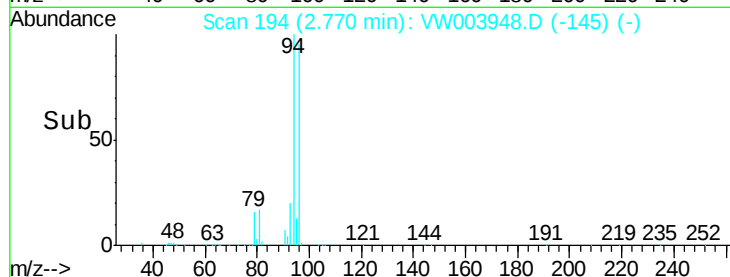
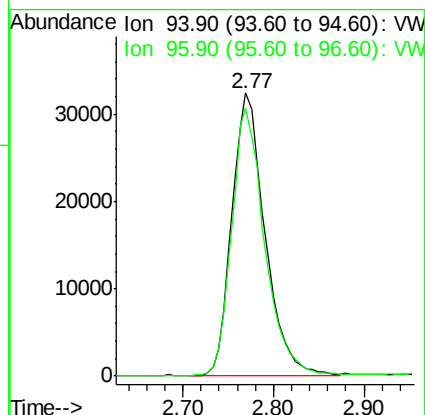
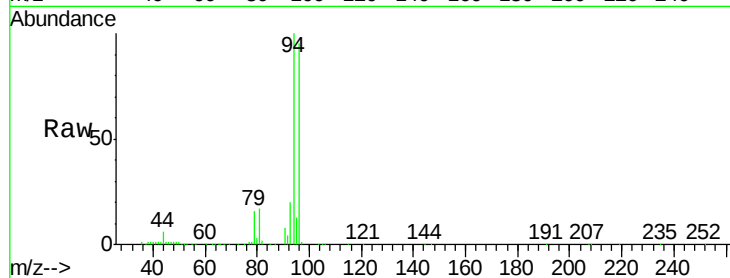
VSTDICCC050

Tot Ion: 94 Resp: 81947

Ion Ratio Lower Upper

94 100

96 94.7 75.8 113.6



#6

Chloroethane

Concen: 39.01 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW003948.D

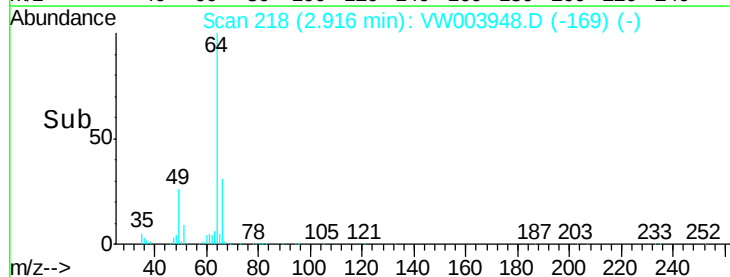
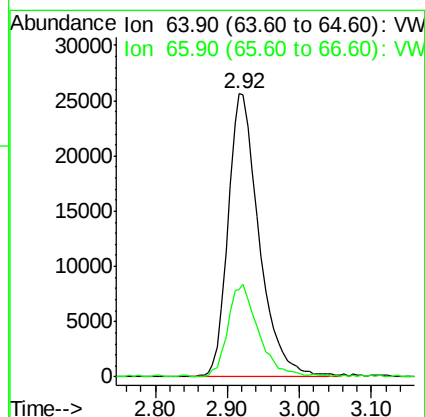
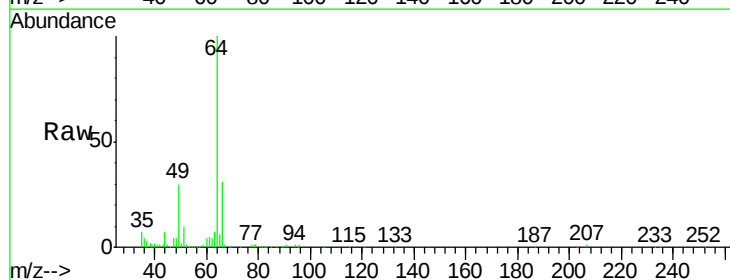
Acq: 16 Jul 2018 13:15

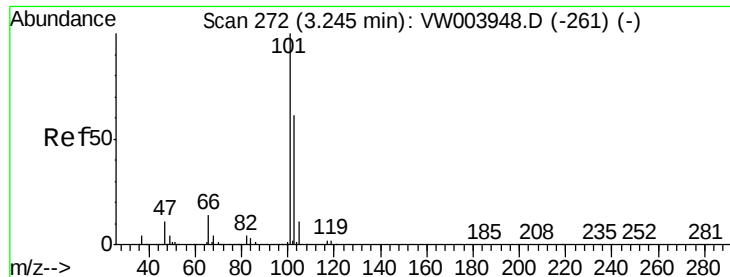
Tgt Ion: 64 Resp: 77018

Ion Ratio Lower Upper

64 100

66 30.6 24.5 36.7



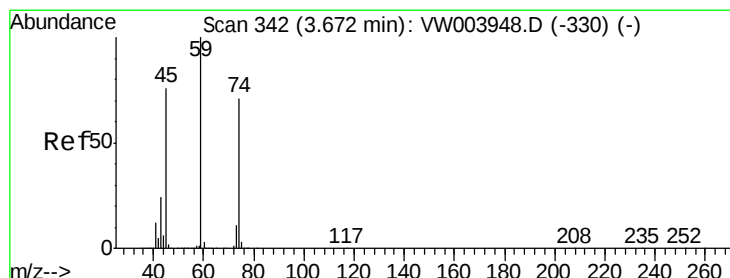
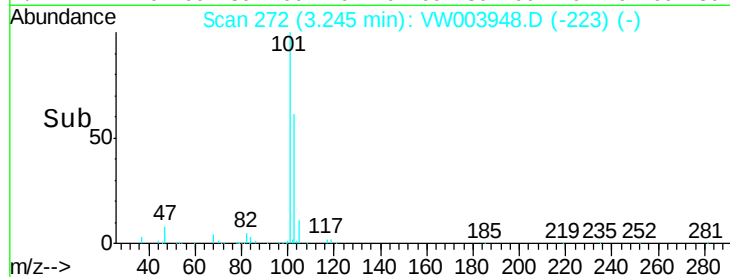
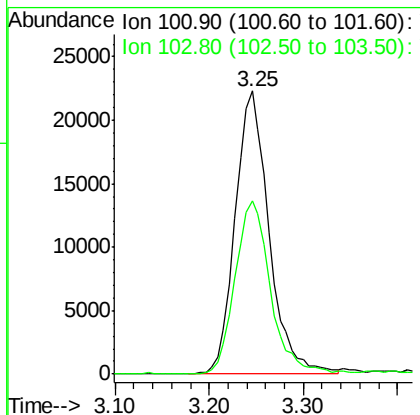
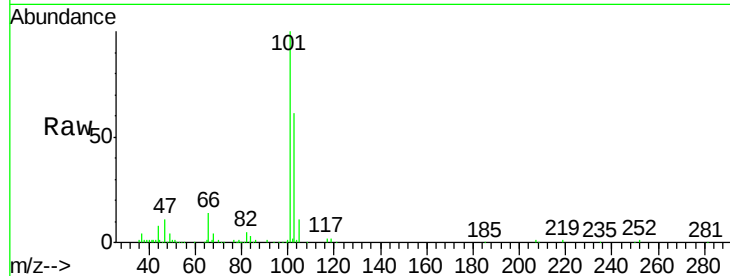


#7

Trichlorofluoromethane
 Concen: 41.89 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

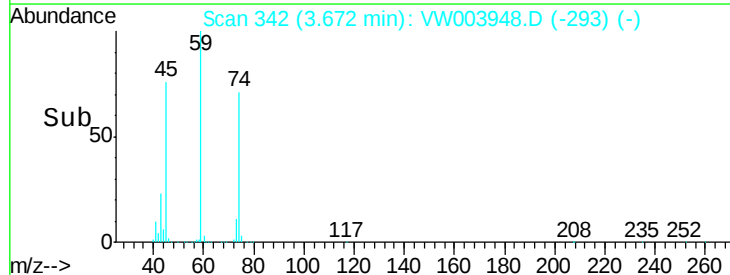
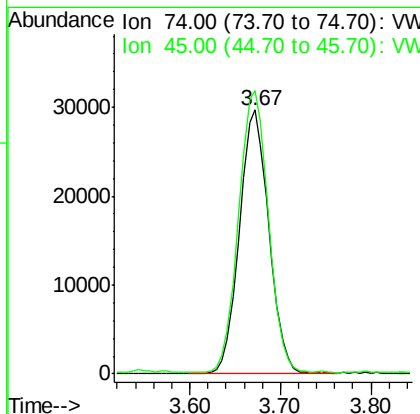
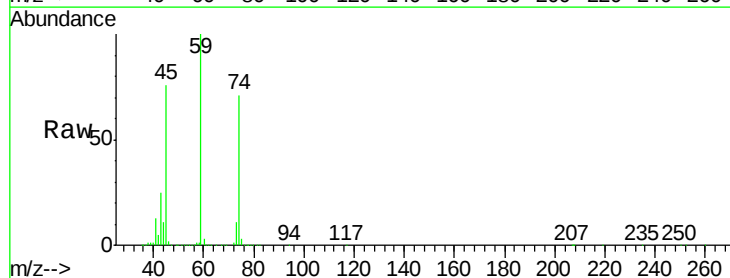
Tot Ion:101 Resp: 56071
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.0 73.6

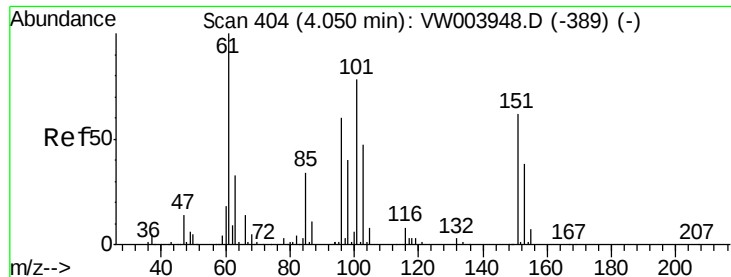


#8

Diethyl Ether
 Concen: 47.33 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 74 Resp: 66909
 Ion Ratio Lower Upper
 74 100
 45 107.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.07 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

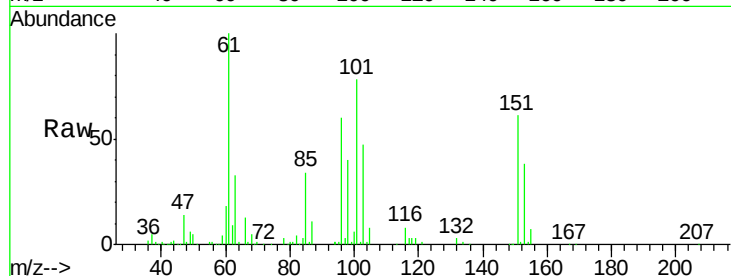
Tot Ion:101 Resp: 132623

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

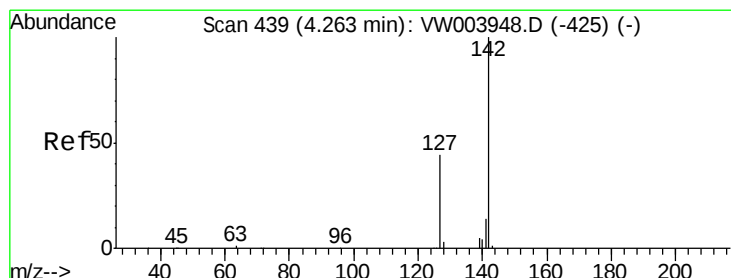
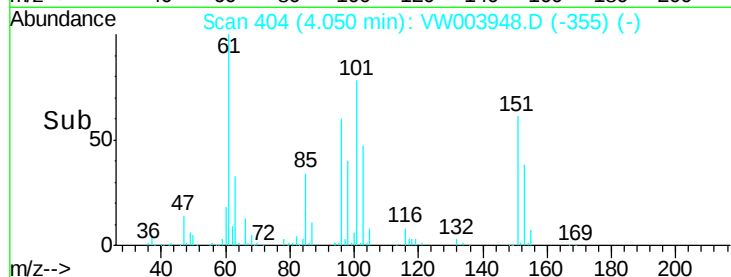
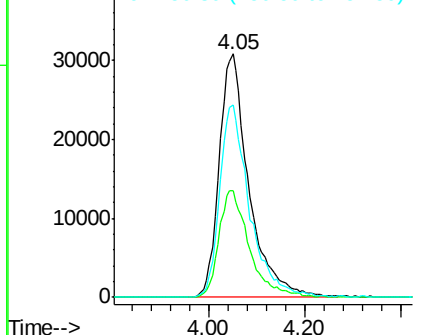
151 79.5 63.6 95.4



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: 49.58 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

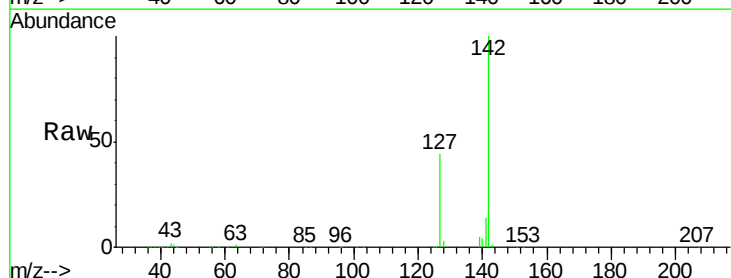
Tgt Ion:142 Resp: 194993

Ion Ratio Lower Upper

142 100

127 44.3 35.4 53.2

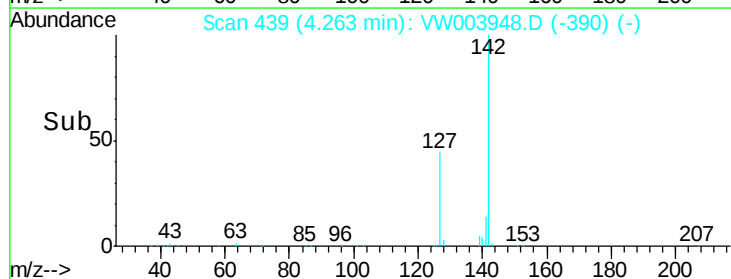
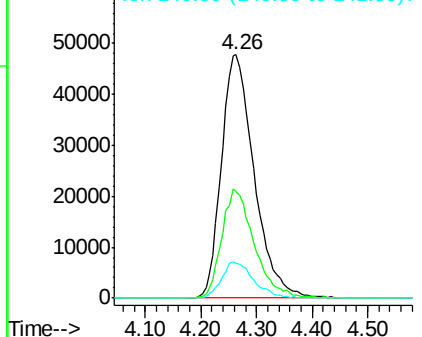
141 14.6 11.7 17.5

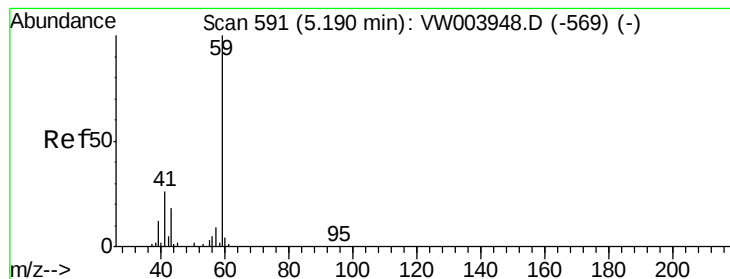


Abundance Ion 141.80 (141.50 to 142.50):

Ion 126.80 (126.50 to 127.50):

Ion 140.80 (140.50 to 141.50):



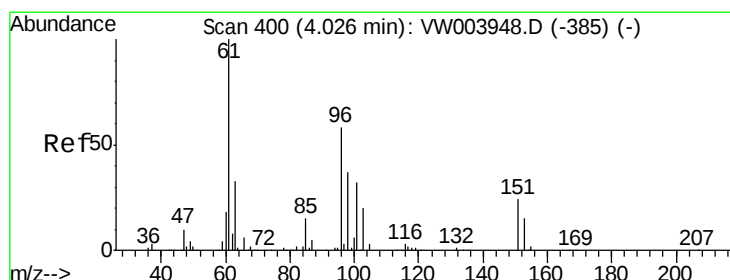
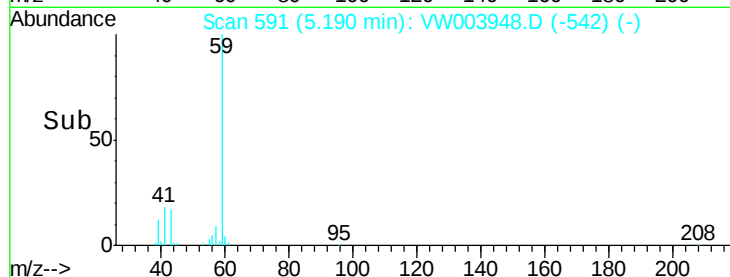
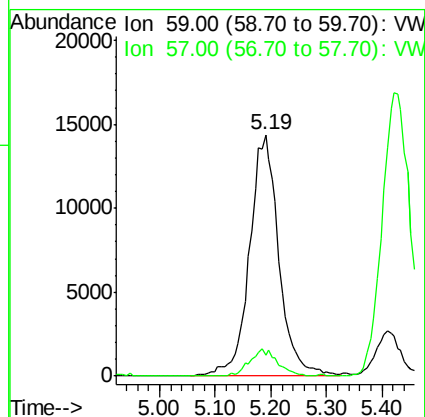
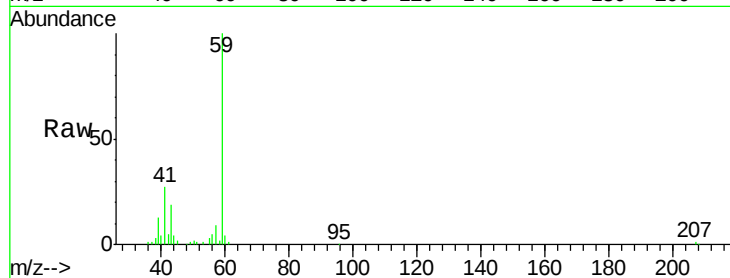


#11

Tert butyl alcohol
Concen: 265.73 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

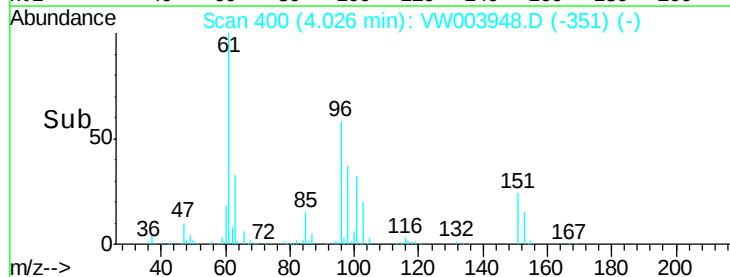
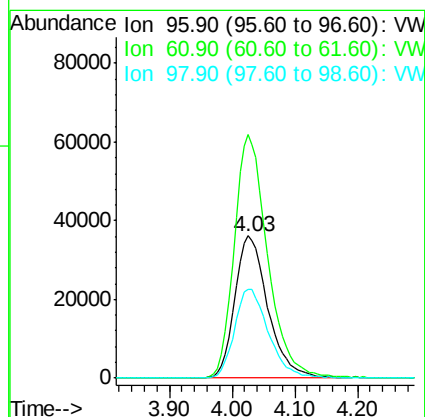
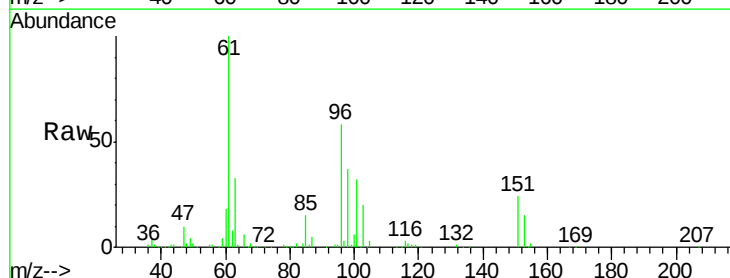
Tot Ion: 59 Resp: 52982
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

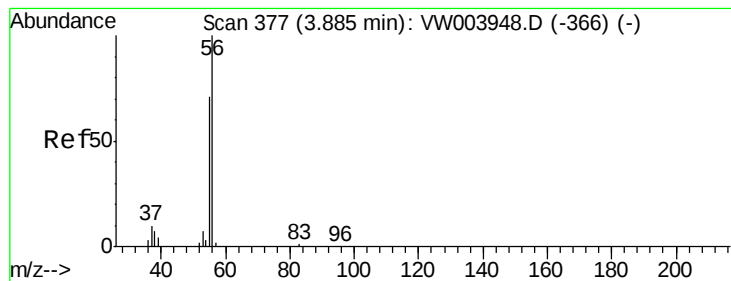


#12

1,1-Dichloroethene
Concen: 50.68 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 96 Resp: 132074
Ion Ratio Lower Upper
96 100
61 171.3 137.0 205.6
98 62.8 50.2 75.4





#13

Acrolein

Concen: 204.16 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

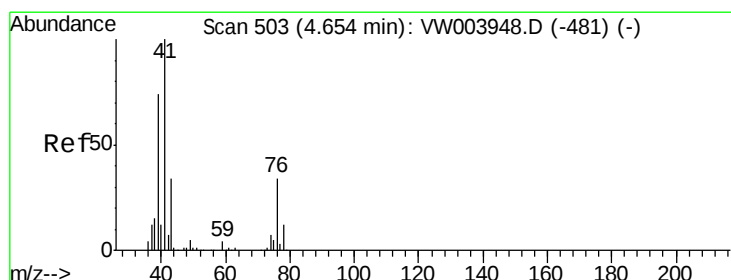
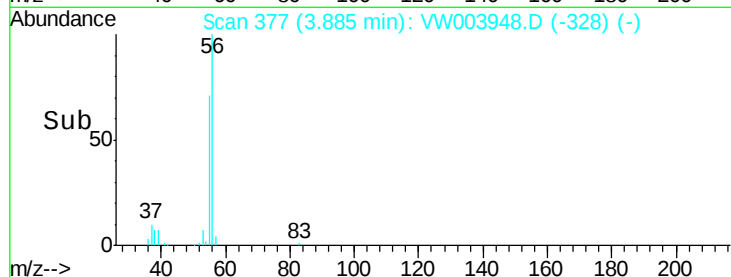
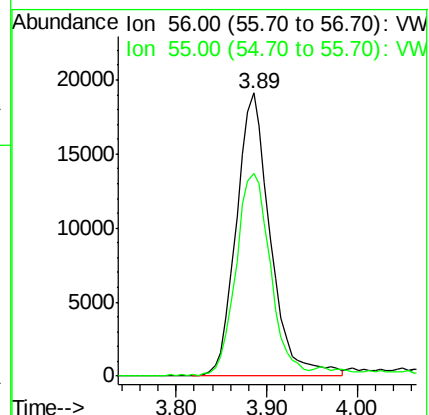
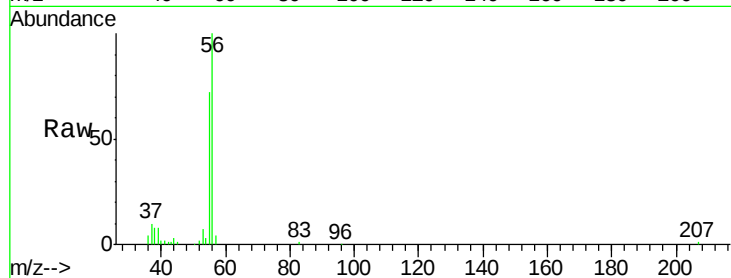
VSTDICCC050

Tot Ion: 56 Resp: 49796

Ion Ratio Lower Upper

56 100

55 72.8 58.2 87.4



#14

Allyl chloride

Concen: 47.82 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

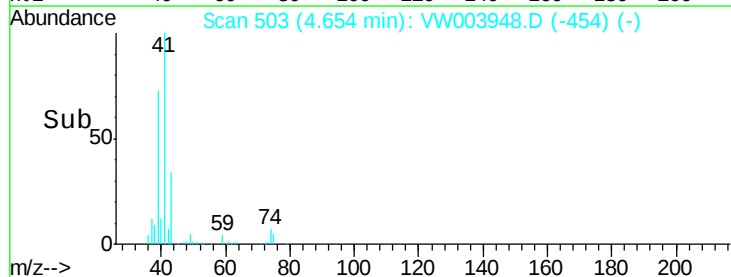
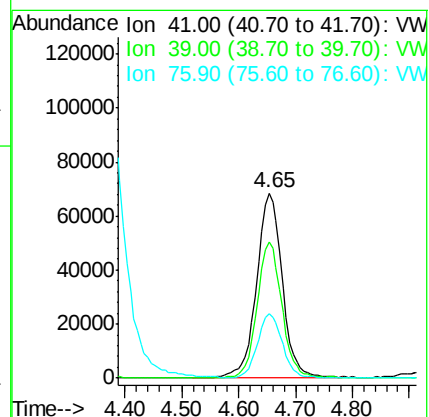
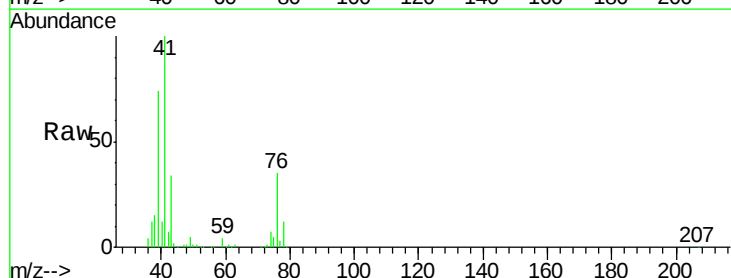
Tgt Ion: 41 Resp: 214199

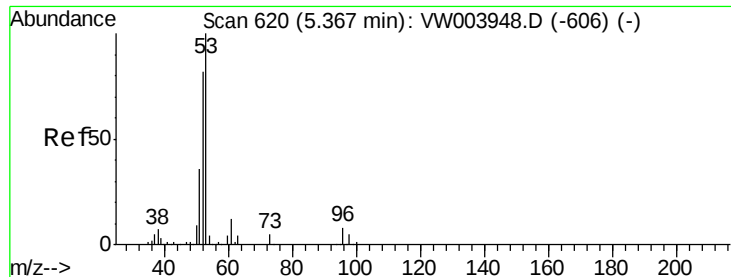
Ion Ratio Lower Upper

41 100

39 71.2 57.0 85.4

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 252.62 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

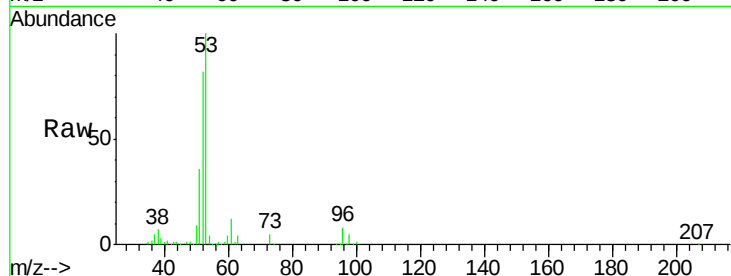
Tot Ion: 53 Resp: 174598

Ion Ratio Lower Upper

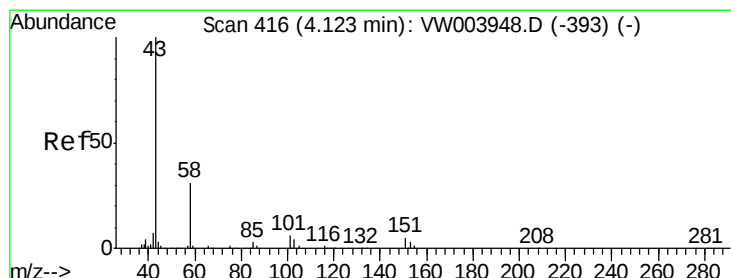
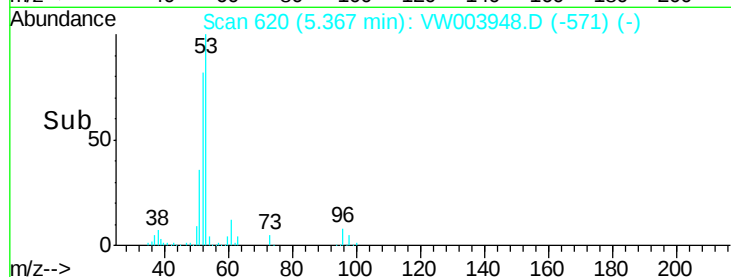
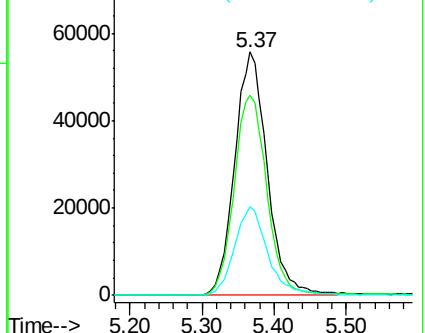
53 100

52 82.6 66.1 99.1

51 37.2 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 280.93 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW003948.D

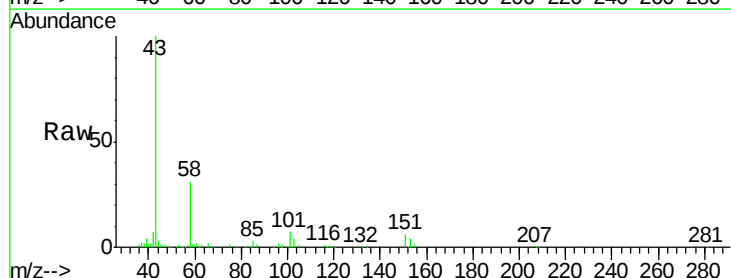
Acq: 16 Jul 2018 13:15

Tgt Ion: 43 Resp: 178535

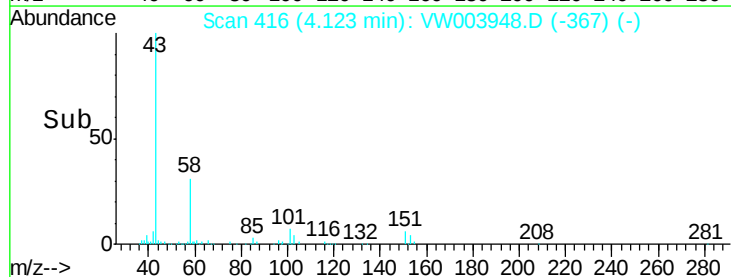
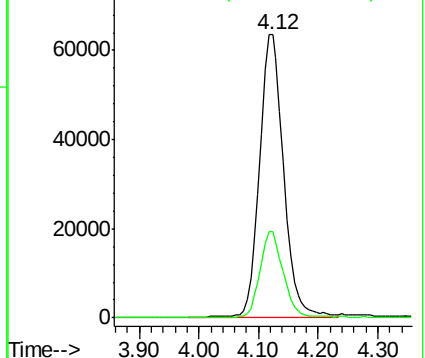
Ion Ratio Lower Upper

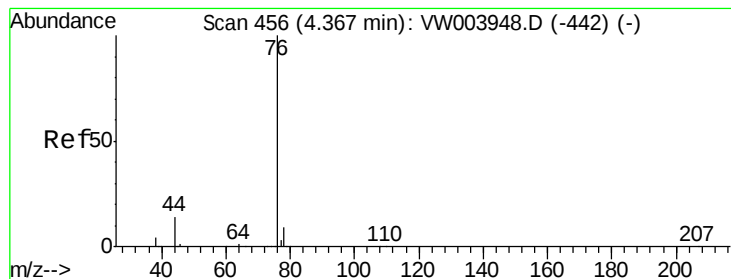
43 100

58 30.6 24.5 36.7



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





#17

Carbon Disulfide

Concen: 48.66 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

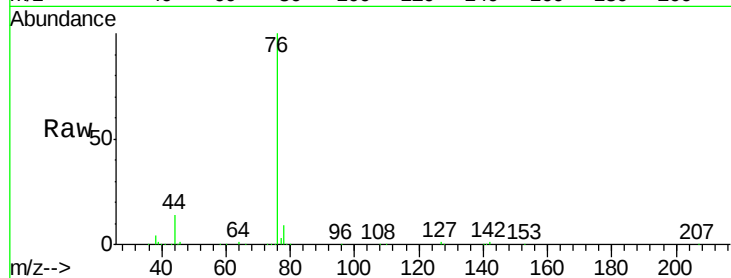
VSTDICCC050

Tot Ion: 76 Resp: 415171

Ion Ratio Lower Upper

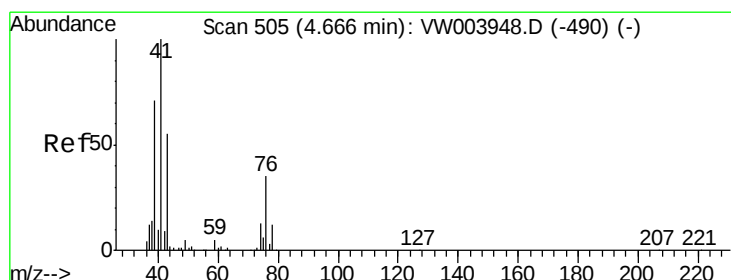
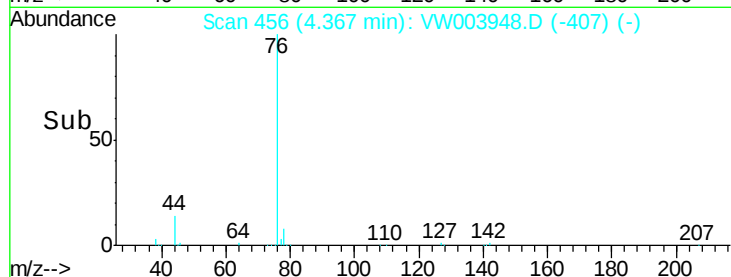
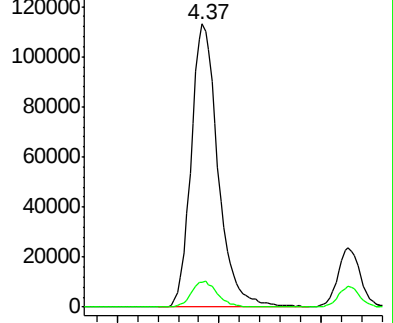
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 51.68 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW003948.D

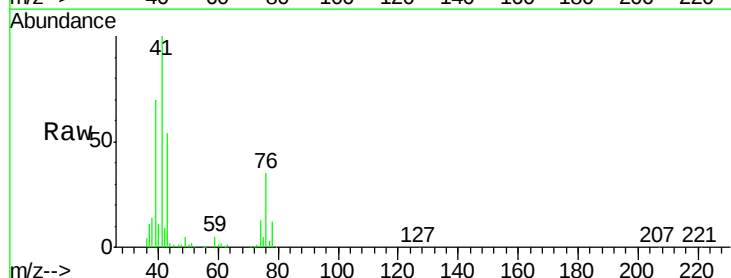
Acq: 16 Jul 2018 13:15

Tgt Ion: 43 Resp: 89646

Ion Ratio Lower Upper

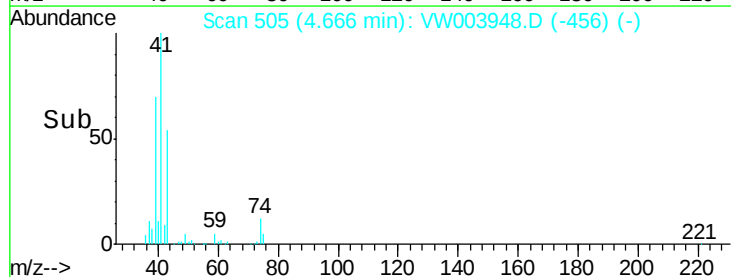
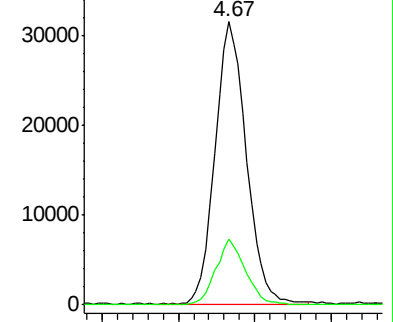
43 100

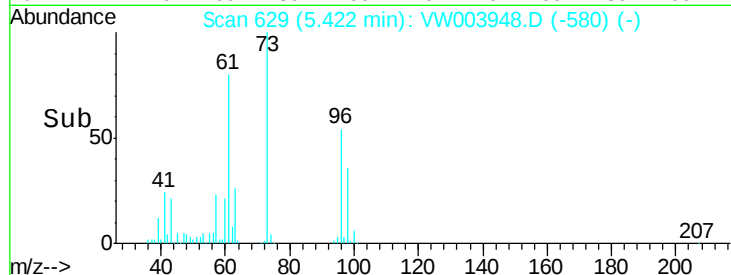
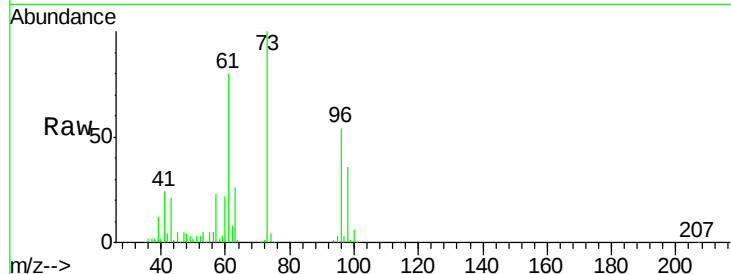
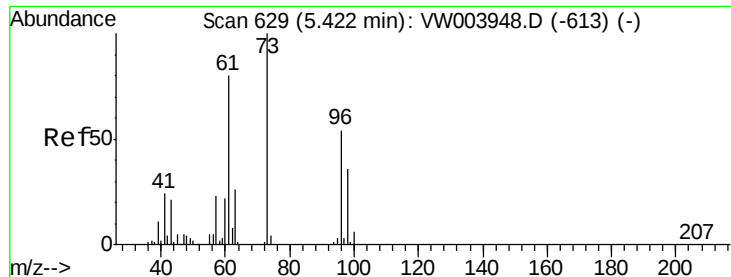
74 22.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

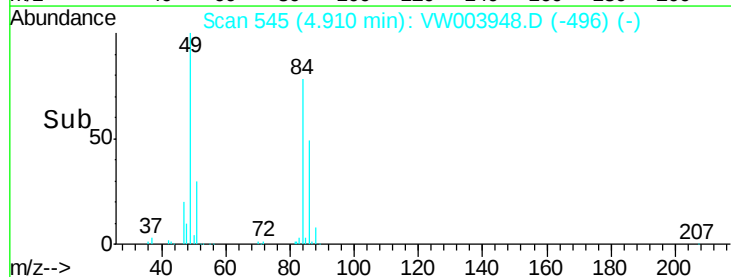
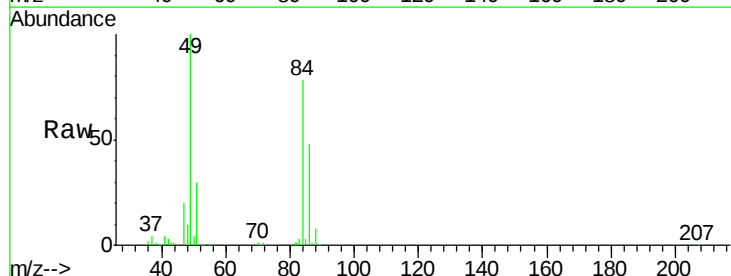
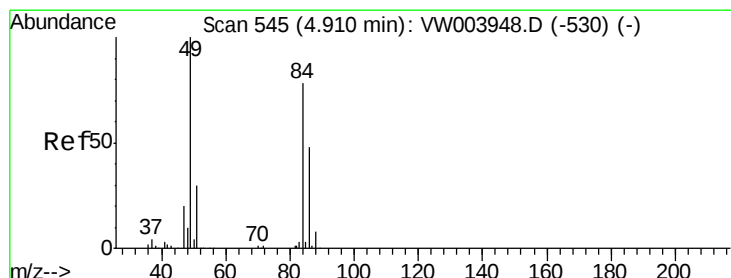
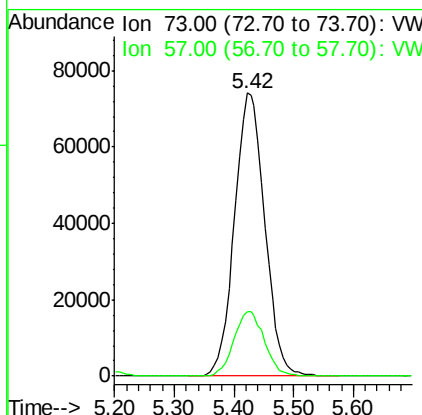




#19
Methvl tert-butvl Ether
Concen: 49.43 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

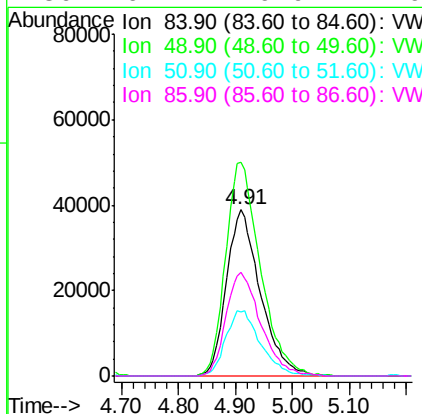
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

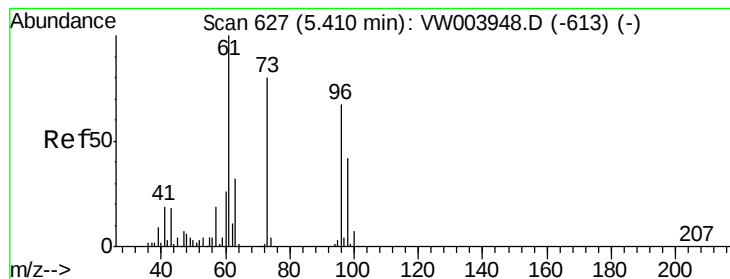
Tot Ion: 73 Resp: 261822
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 44.76 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 84 Resp: 161702
Ion Ratio Lower Upper
84 100
49 128.6 102.9 154.3
51 38.6 30.9 46.3
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.62 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

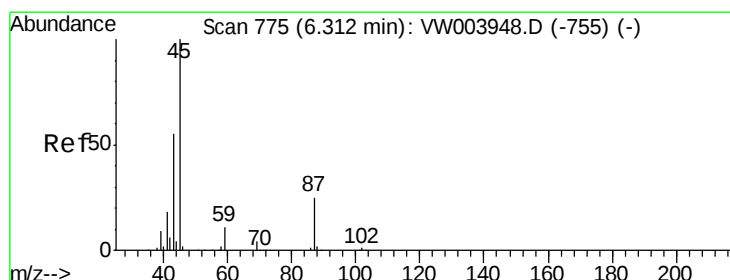
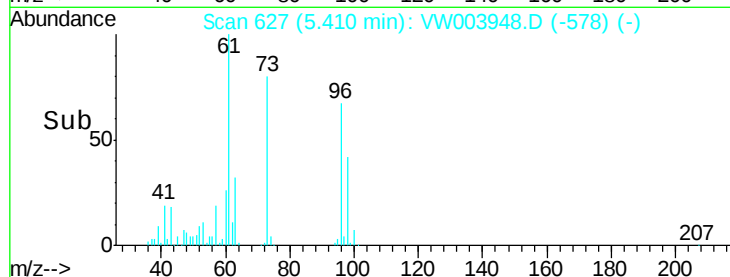
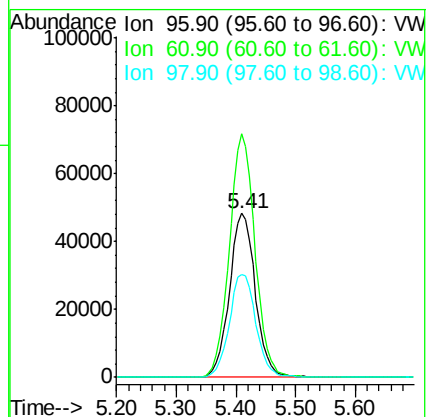
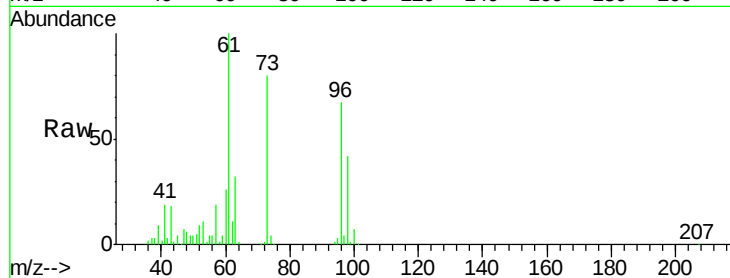
Tot Ion: 96 Resp: 145813

Ion Ratio Lower Upper

96 100

61 148.7 119.0 178.4

98 62.4 49.9 74.9



#22

Diisopropyl ether

Concen: 46.73 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Tgt Ion: 45 Resp: 456221

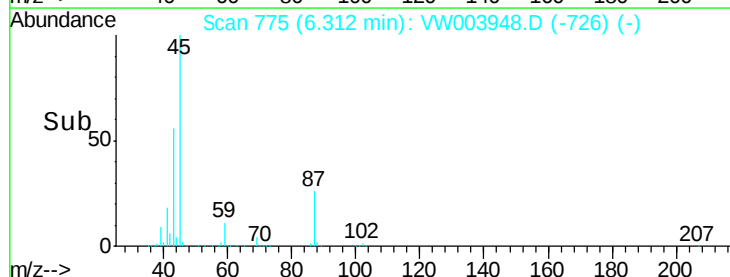
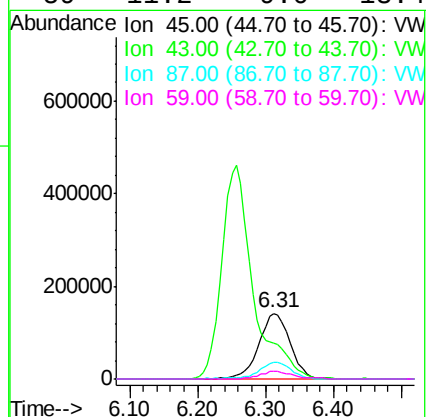
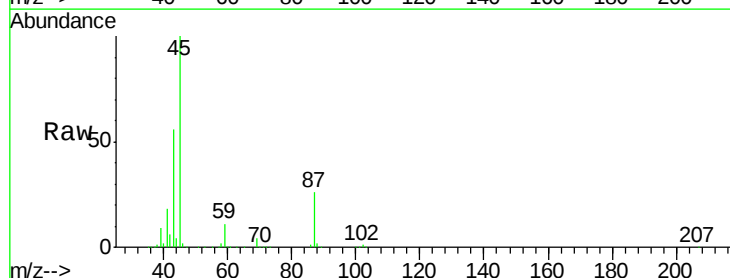
Ion Ratio Lower Upper

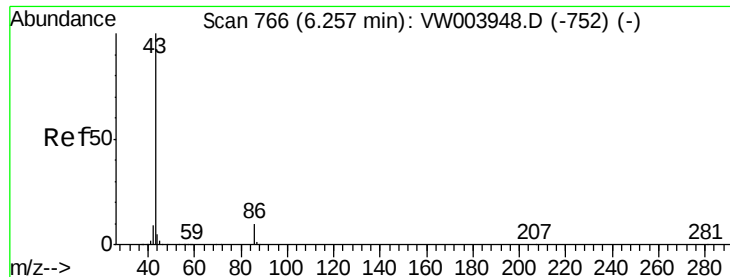
45 100

43 55.4 44.3 66.5

87 25.3 20.2 30.4

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 246.66 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleID :

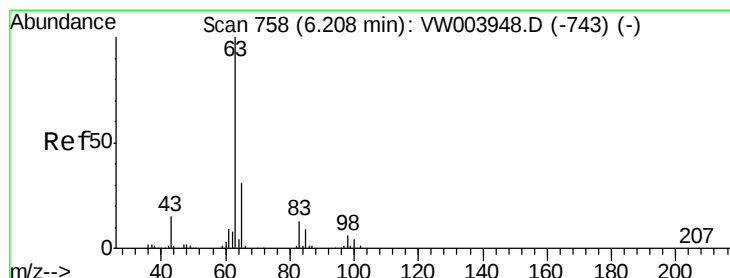
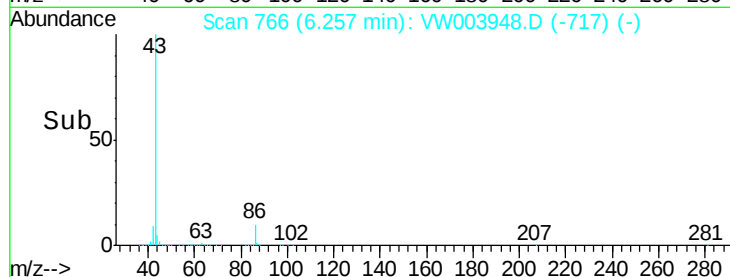
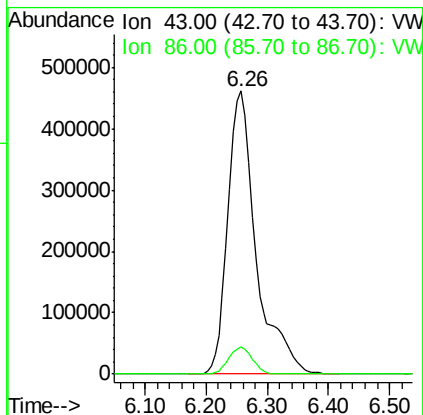
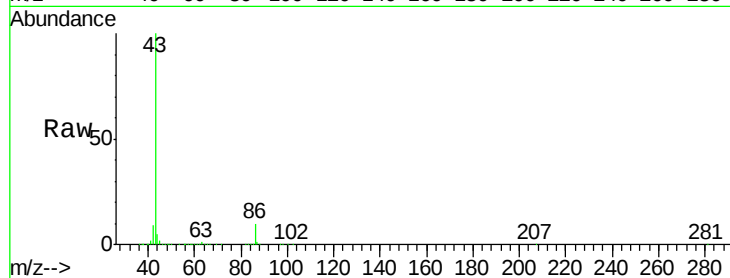
VSTDICCC050

Tot Ion: 43 Resp: 1477806

Ion Ratio Lower Upper

43 100

86 9.5 7.6 11.4



#24

1,1-Dichloroethane

Concen: 45.43 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

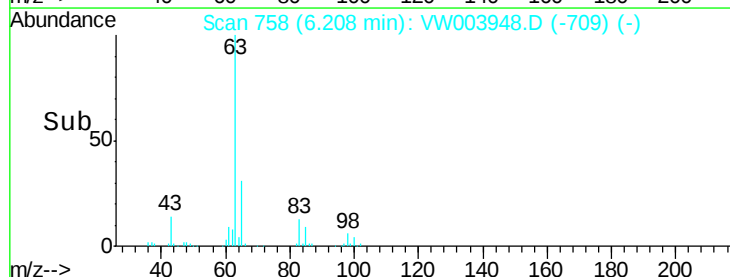
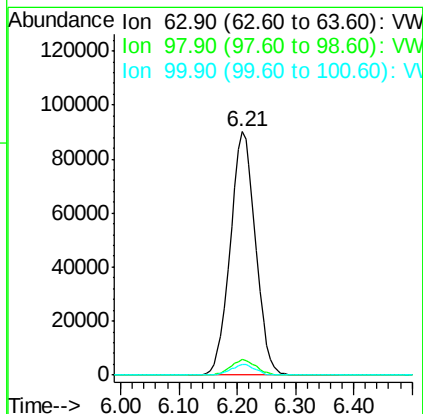
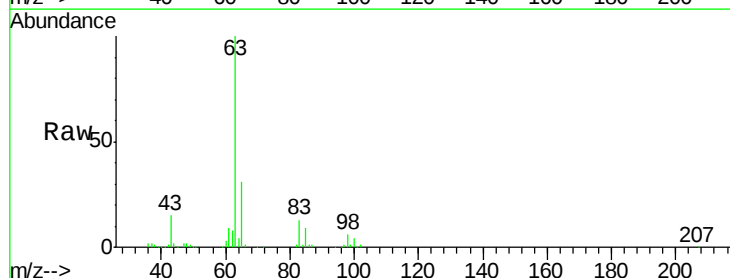
Tgt Ion: 63 Resp: 270425

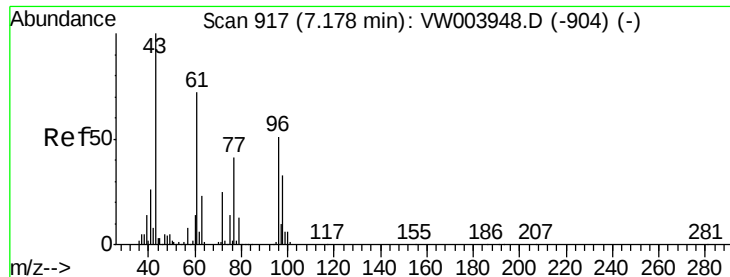
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 255.74 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampled :

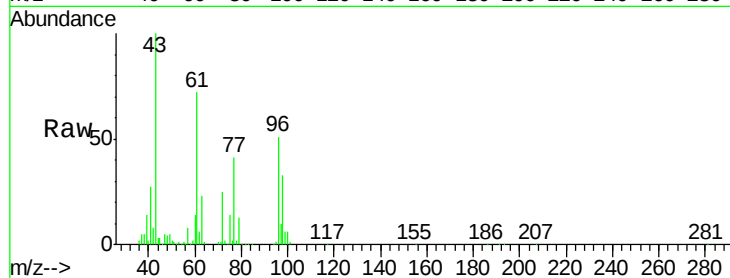
VSTDICCC050

Tot Ion: 43 Resp: 249537

Ion Ratio Lower Upper

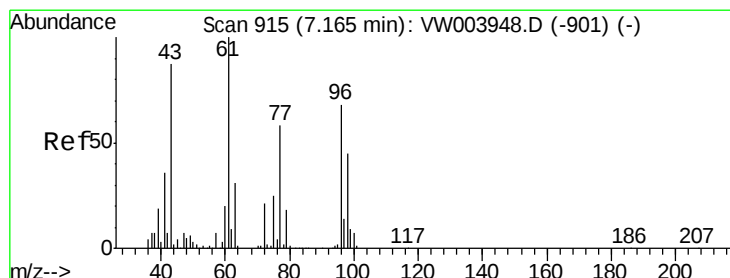
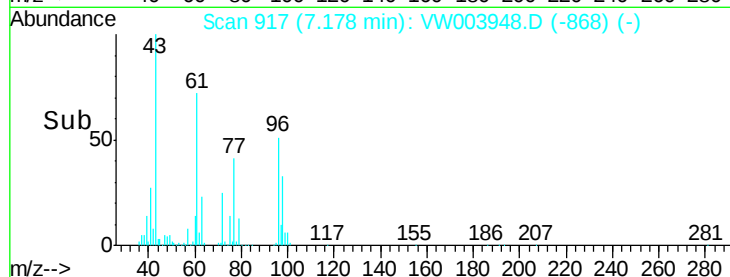
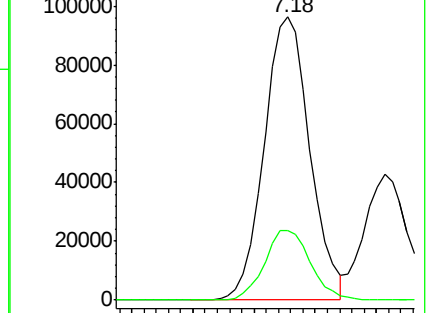
43 100

72 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 45.79 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003948.D

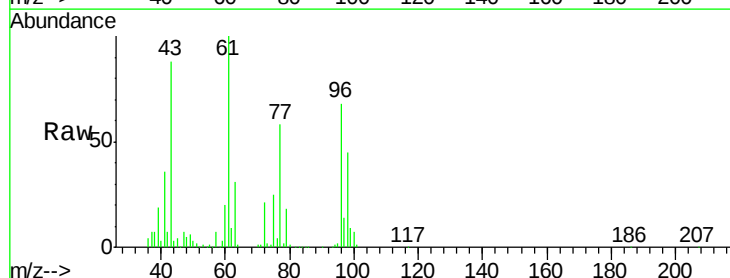
Acq: 16 Jul 2018 13:15

Tgt Ion: 77 Resp: 148807

Ion Ratio Lower Upper

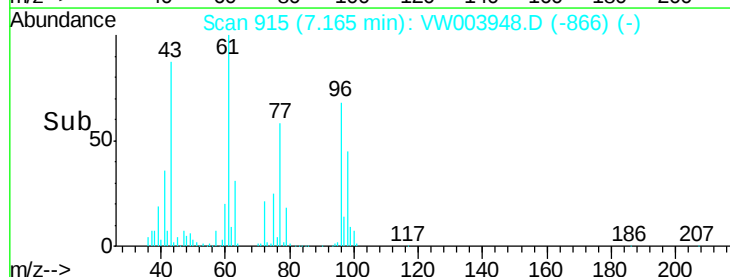
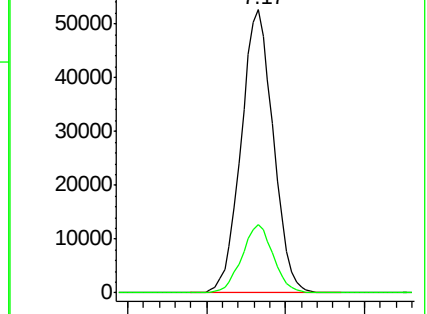
77 100

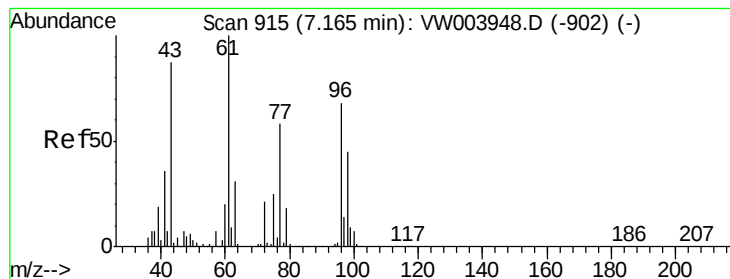
97 23.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



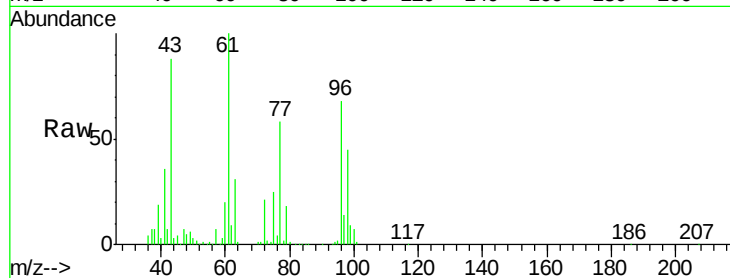


#27

cis-1,2-Dichloroethene
Concen: 46.63 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	96	Resp	157637
Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	298.6
98	65.2	0.0	130.4

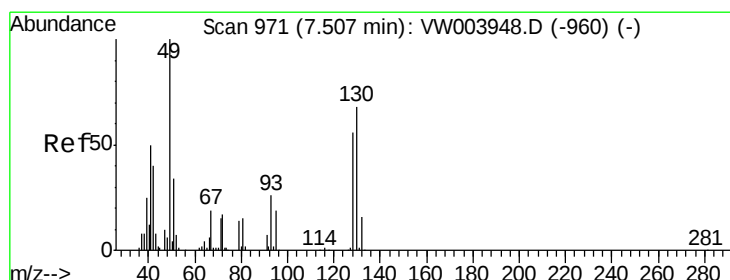
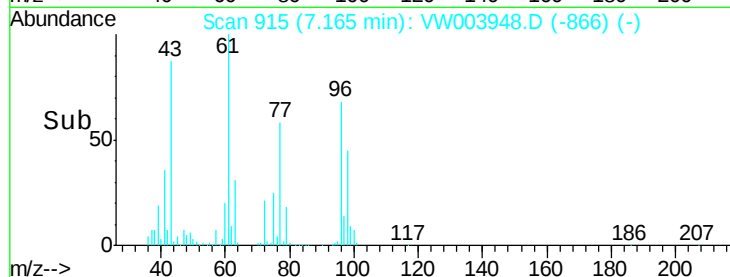
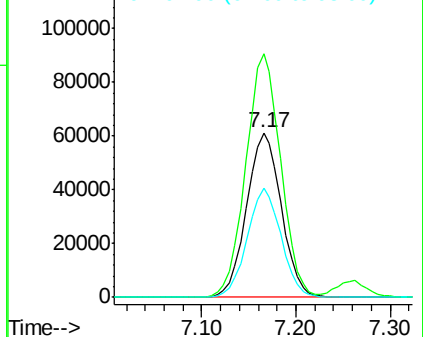


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

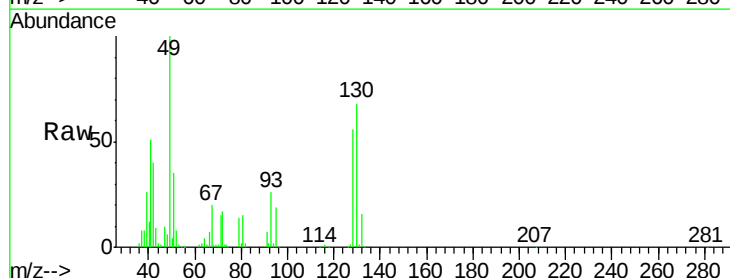
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 40.80 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion	49	Resp	106944
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.2
130	72.9	58.3	87.5

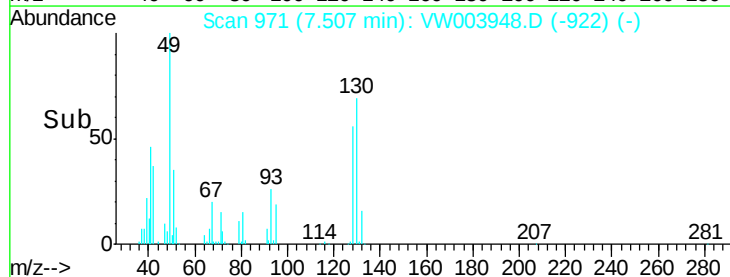
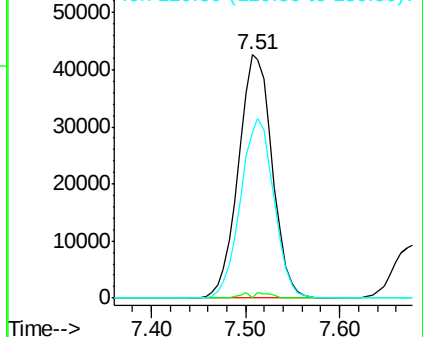


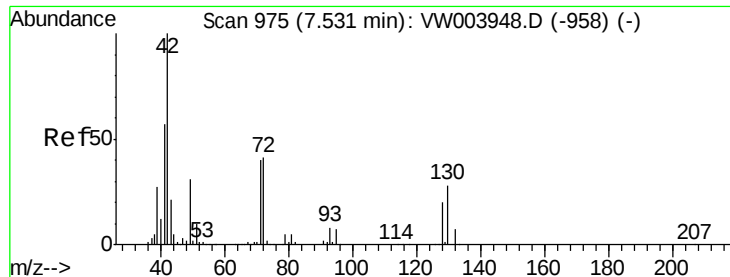
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50):

Ion 129.80 (129.50 to 130.50):

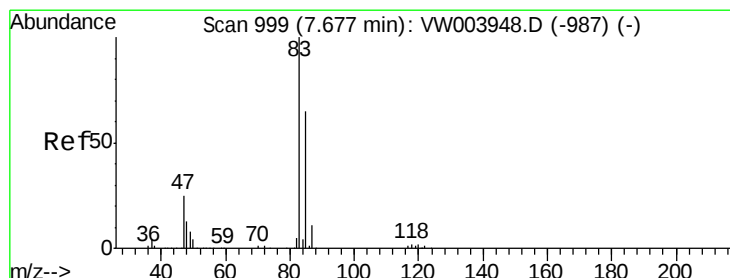
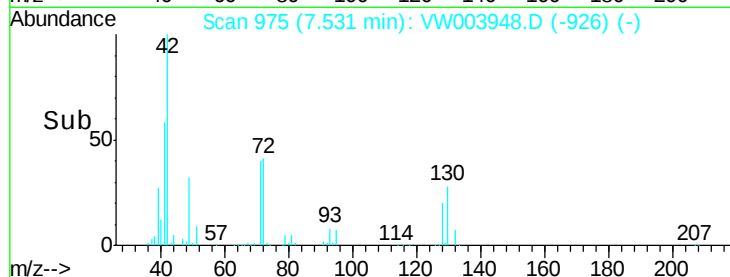
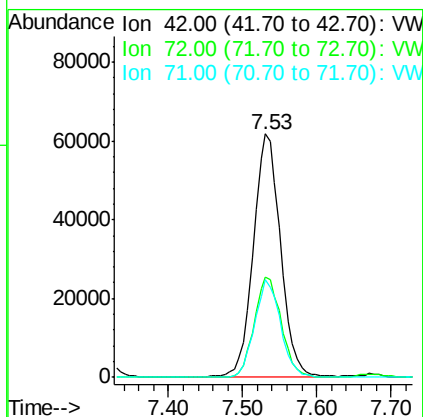
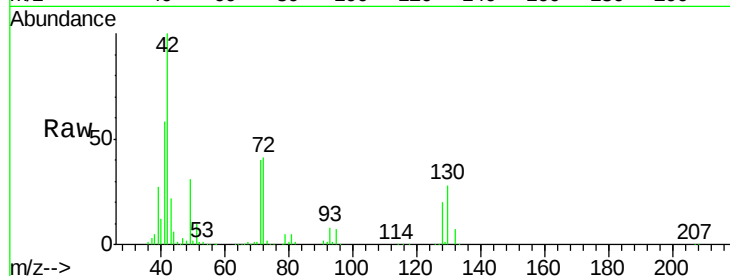




#29
Tetrahydrofuran
Concen: 254.21 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

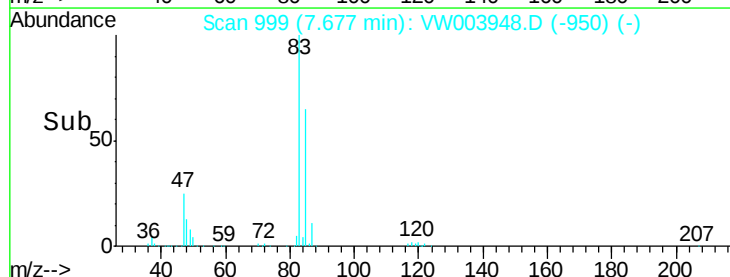
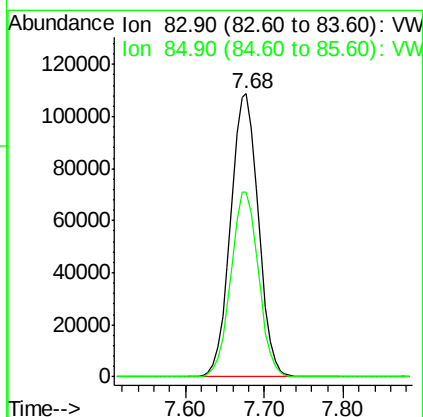
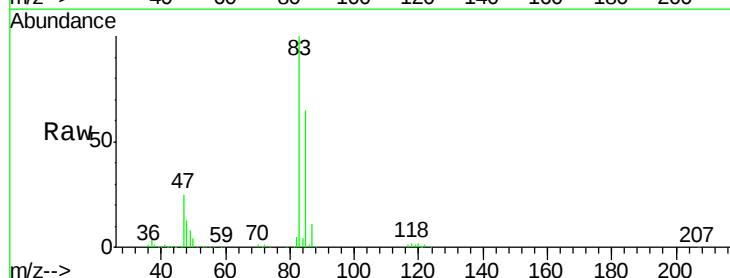
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

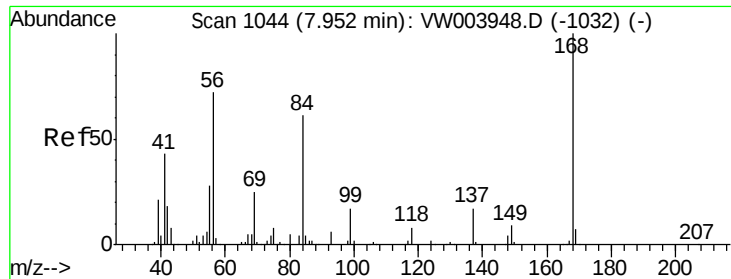
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.6	48.8
71	38.1	30.5	45.7



#30
Chloroform
Concen: 44.07 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4

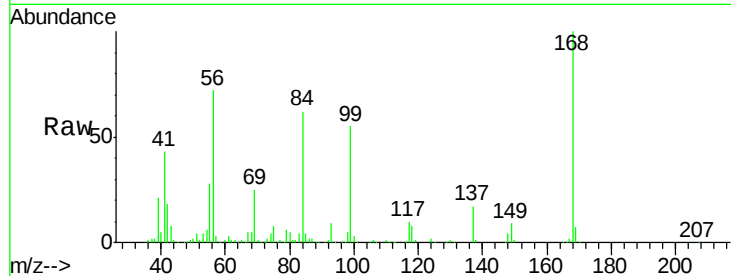




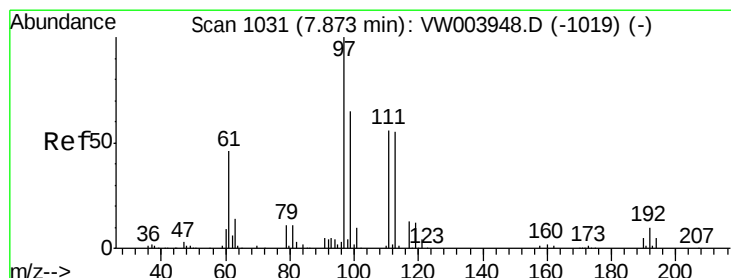
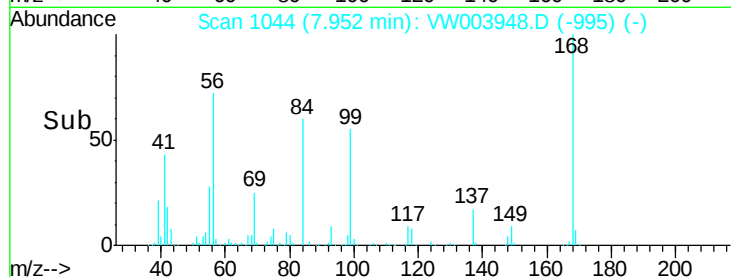
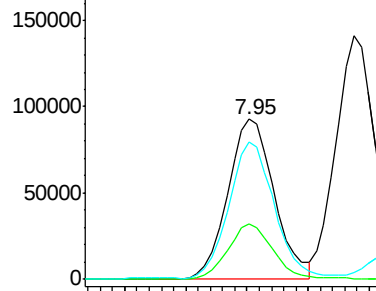
#31
Cyclohexane
Concen: 46.44 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 245026
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.8
84 84.0 67.2 100.8

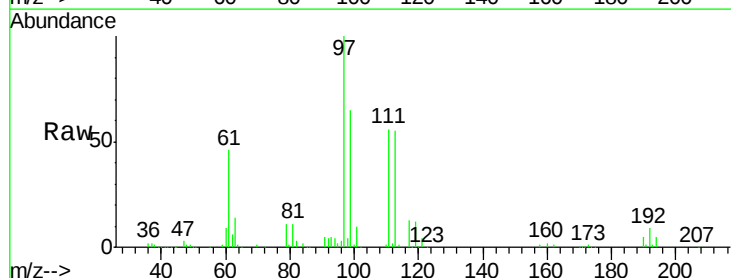


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

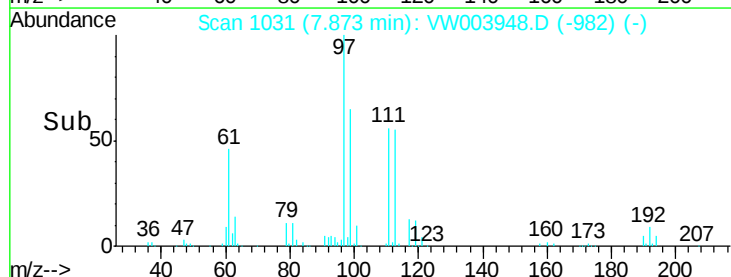
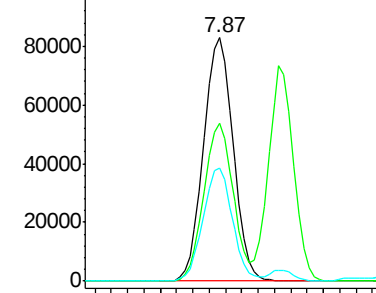


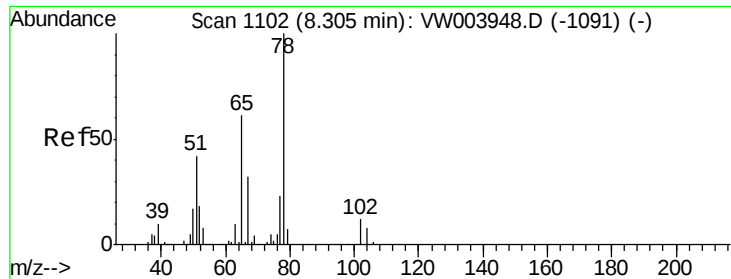
#32
1,1,1-Trichloroethane
Concen: 45.04 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 97 Resp: 207789
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 46.0 36.8 55.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

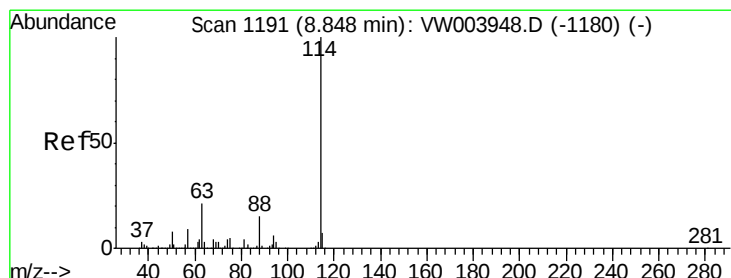
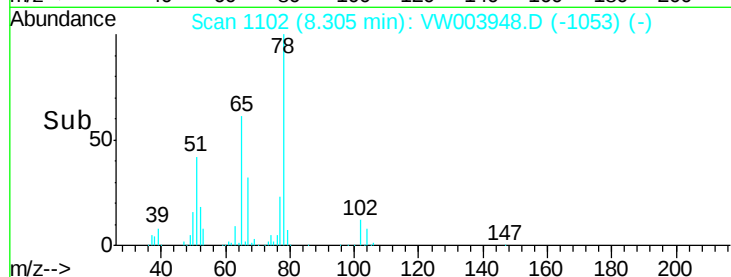
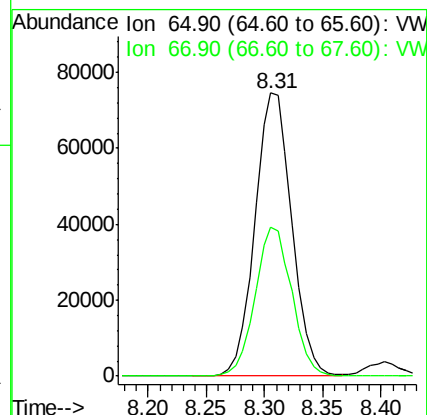
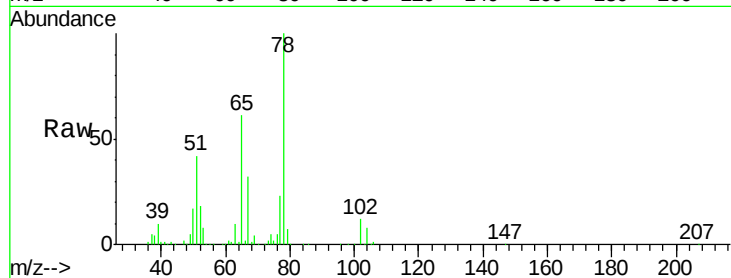




#33
 1,2-Dichloroethane-d4
 Concen: 45.91 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

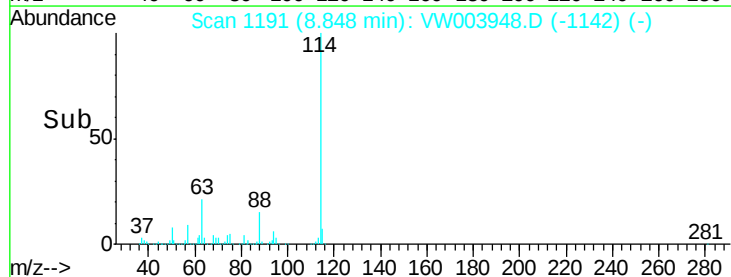
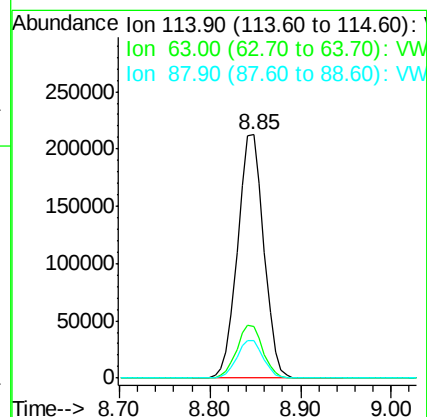
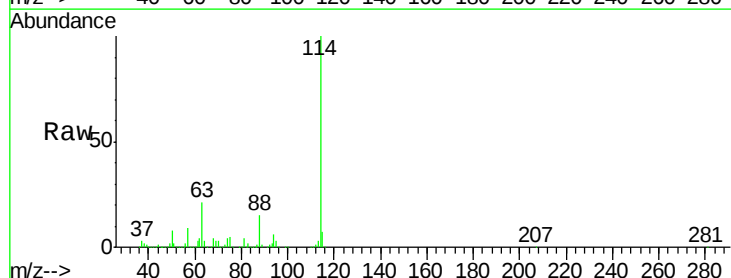
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

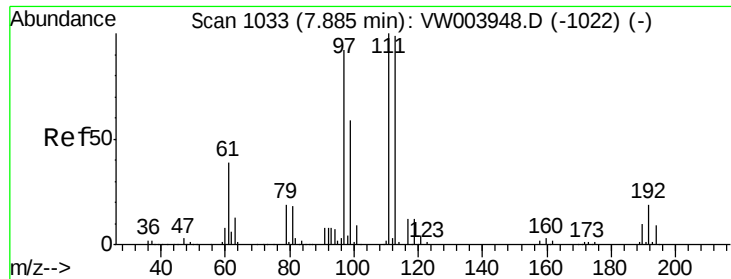
Tot Ion: 65 Resp: 164430
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 114 Resp: 424829
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.2 0.0 30.4

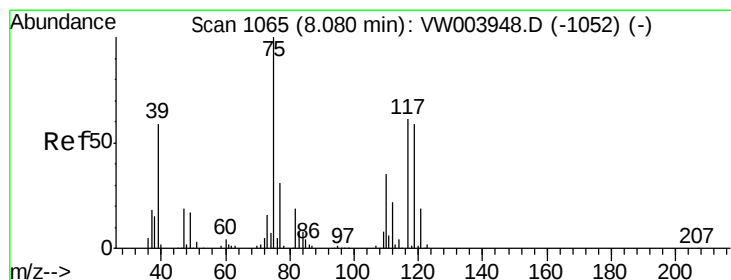
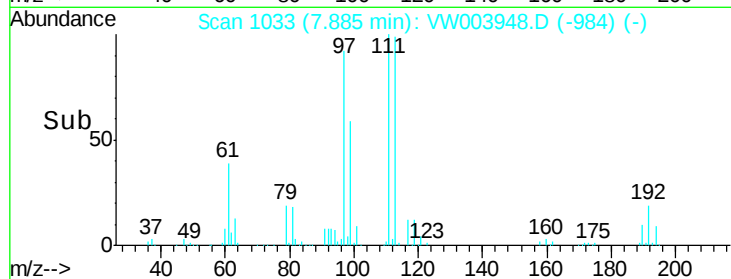
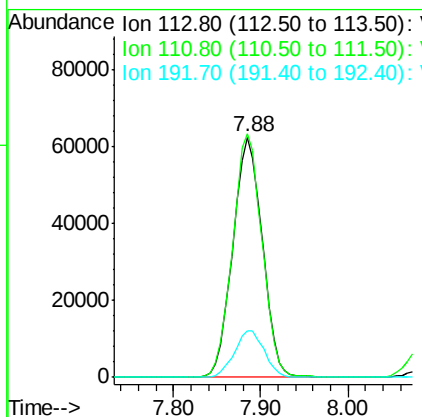
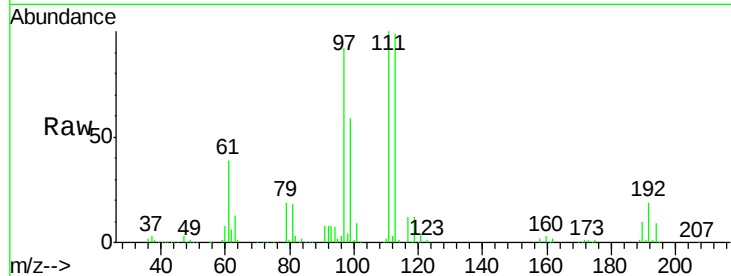




#35
 Dibromofluoromethane
 Concen: 49.32 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

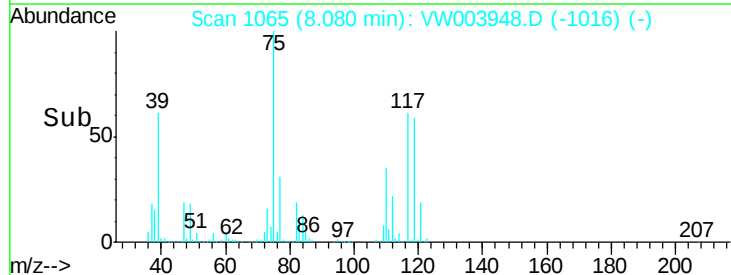
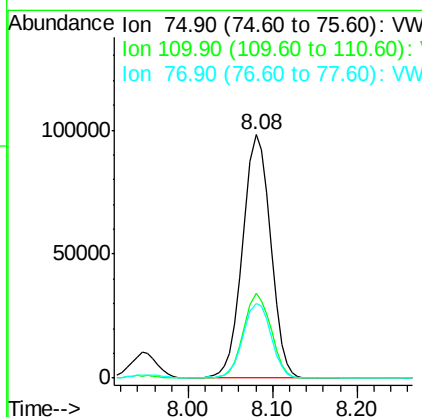
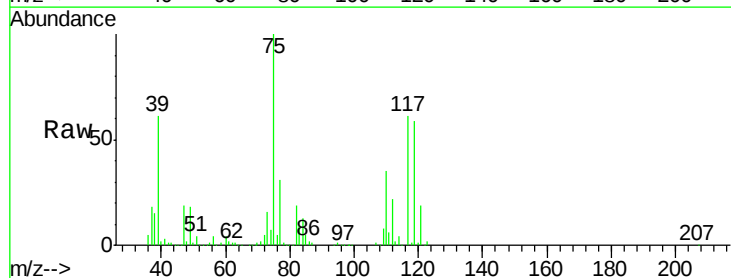
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

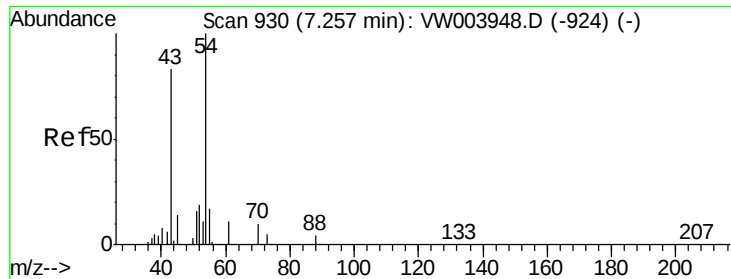
Tot Ion:113 Resp: 146000
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.3 121.9
 192 19.7 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 49.26 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 75 Resp: 220358
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.0 51.0
 77 31.1 24.9 37.3

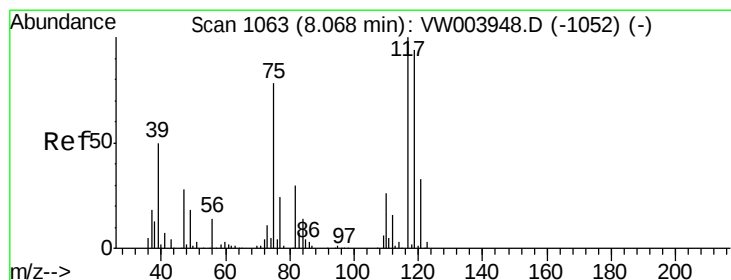
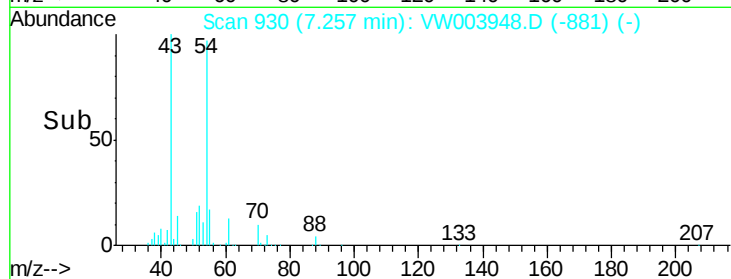
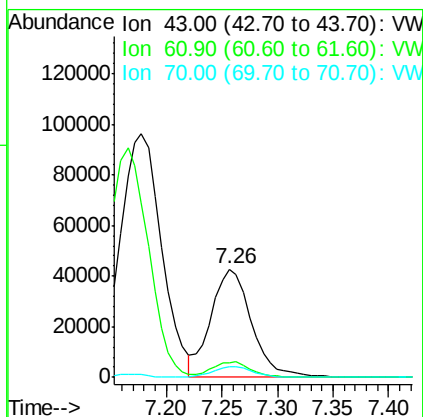
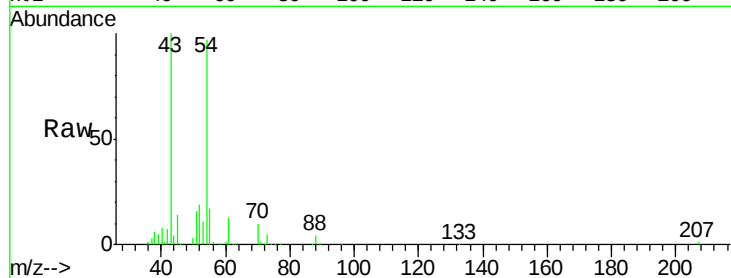




#37
Ethyl Acetate
Concen: 49.39 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

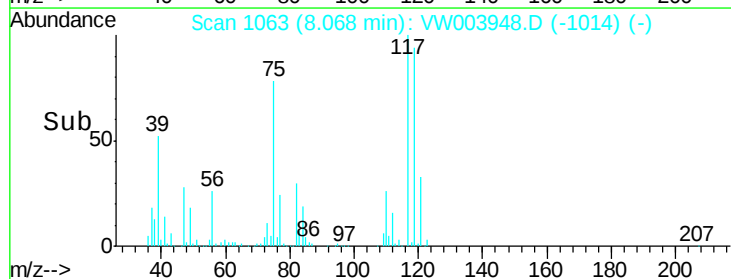
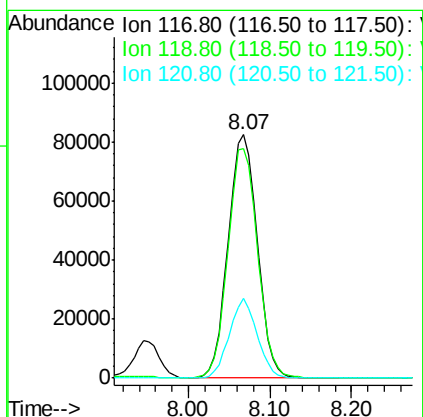
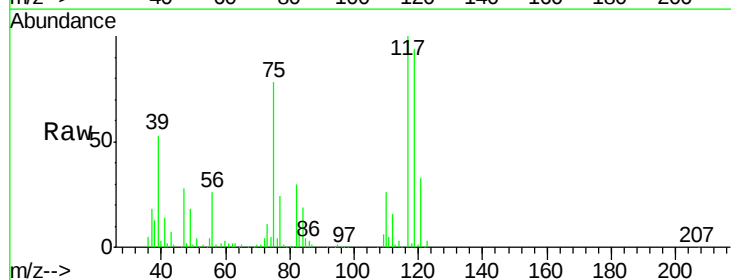
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

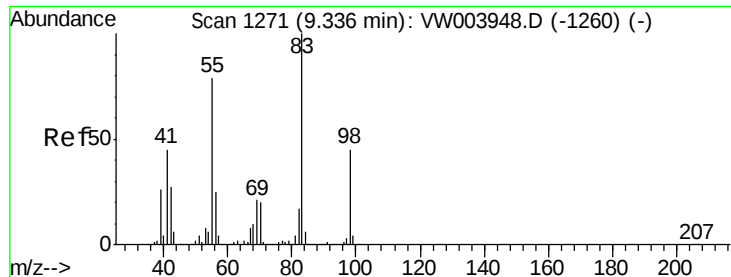
Tot Ion: 43 Resp: 106912
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.04 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 117 Resp: 203993
Ion Ratio Lower Upper
117 100
119 94.1 75.3 112.9
121 32.5 26.0 39.0

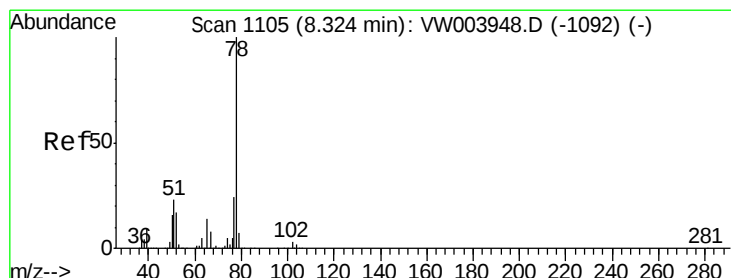
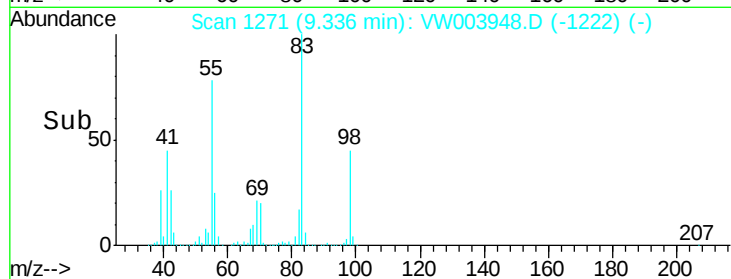
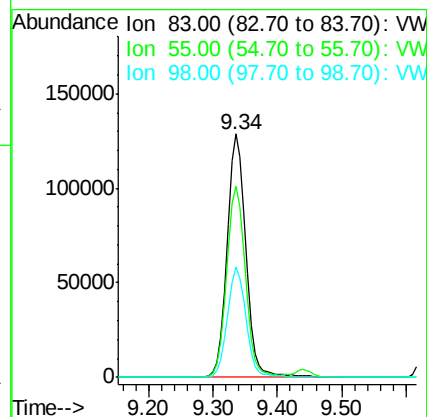
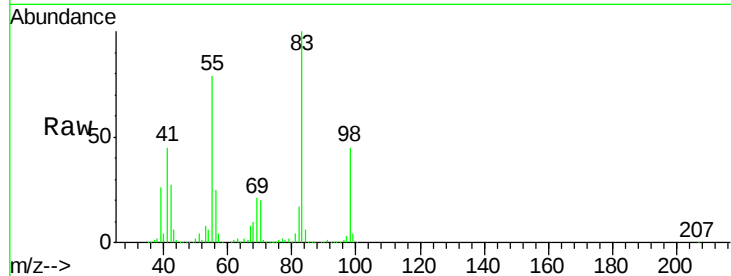




#39
Methvlcvclohexane
Concen: 53.85 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

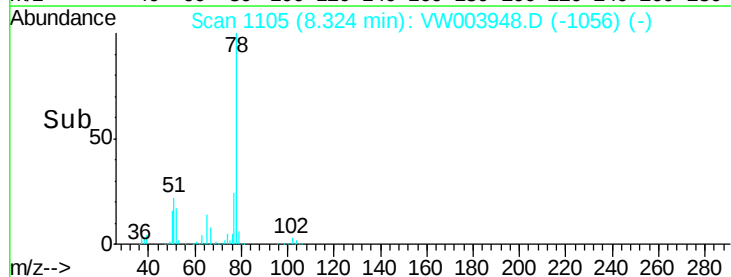
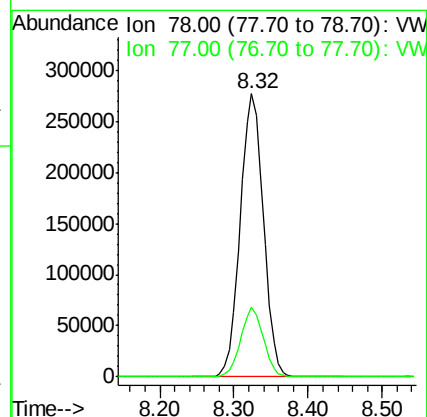
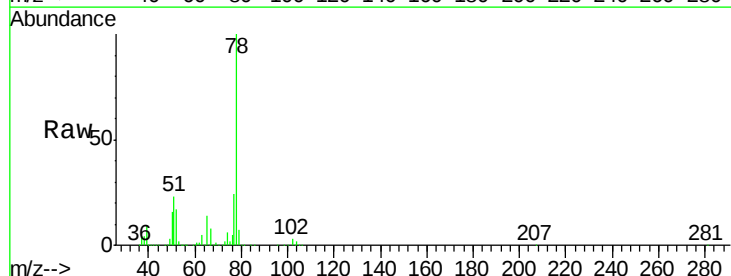
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

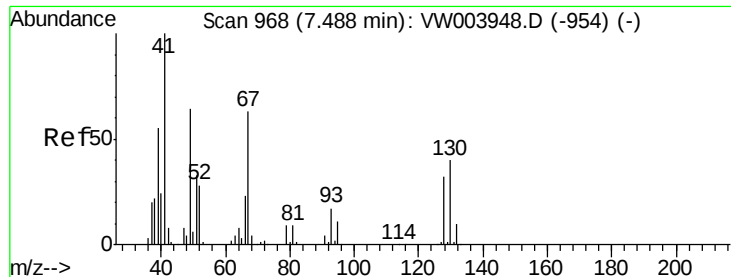
Tot Ion: 83 Resp: 266520
Ion Ratio Lower Upper
83 100
55 78.5 62.8 94.2
98 45.3 36.2 54.4



#40
Benzene
Concen: 47.57 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 78 Resp: 605948
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

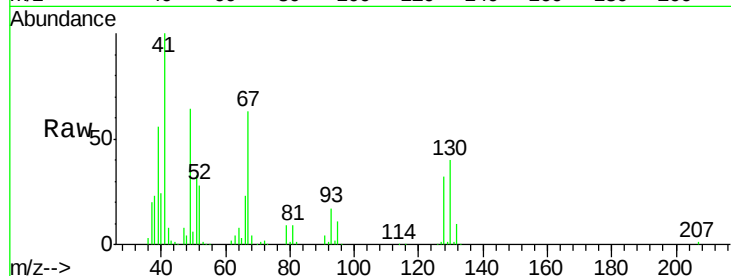




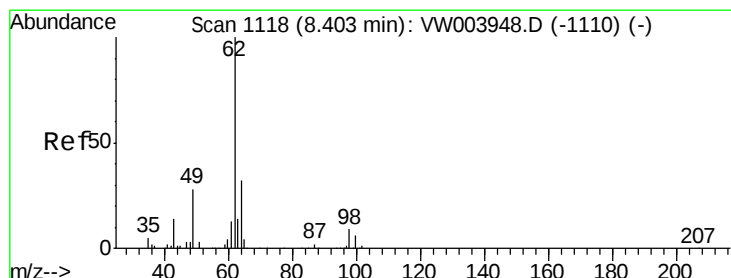
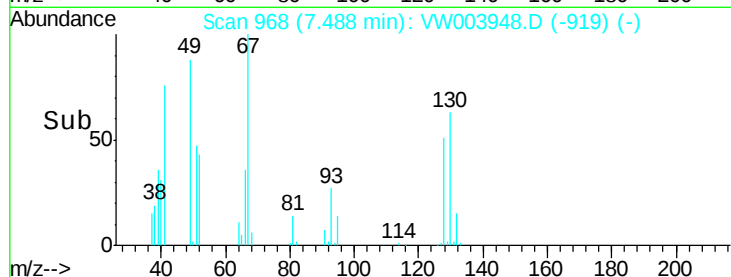
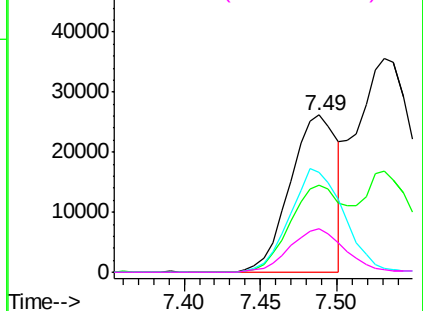
#41
Methacrylonitrile
Concen: 45.86 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 41 Resp: 56076
Ion Ratio Lower Upper
41 100
39 62.5 50.0 75.0
67 76.0 60.8 91.2
52 32.8 26.2 39.4

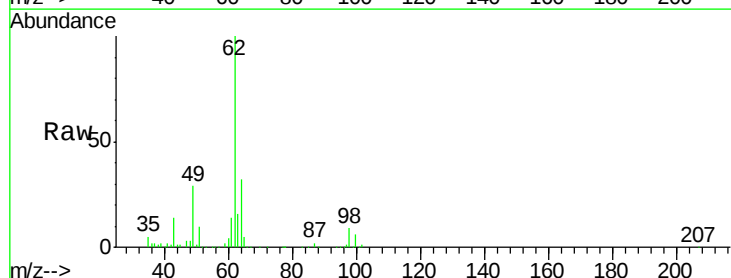


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

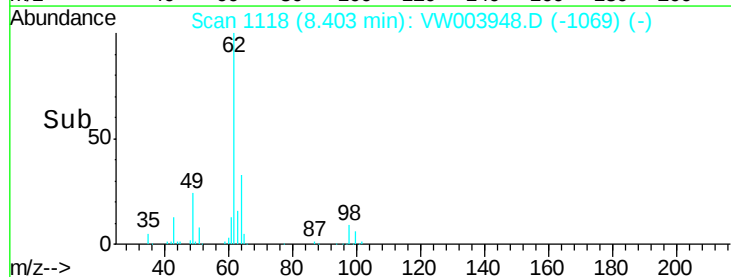
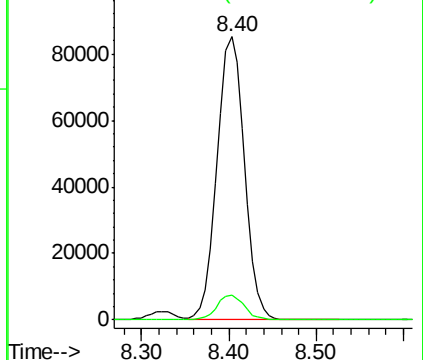


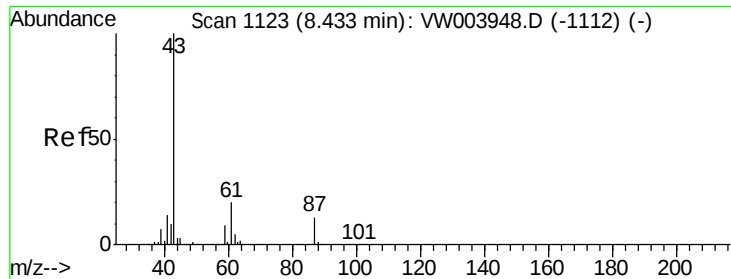
#42
1,2-Dichloroethane
Concen: 45.43 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 62 Resp: 185580
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4



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



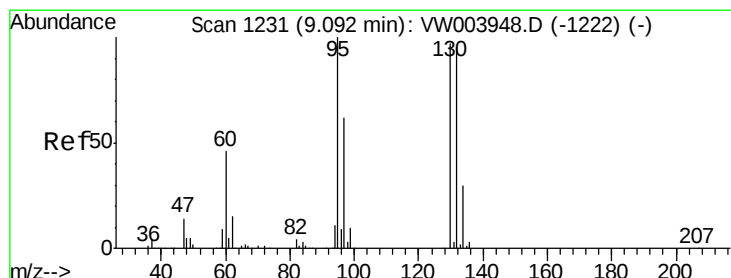
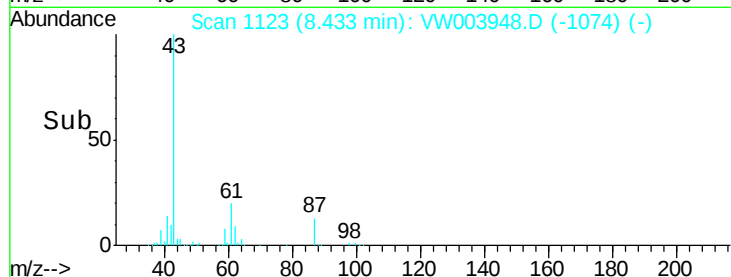
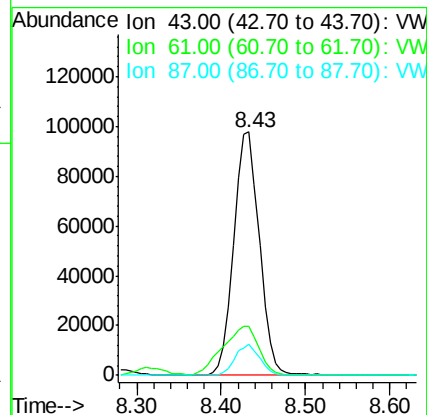
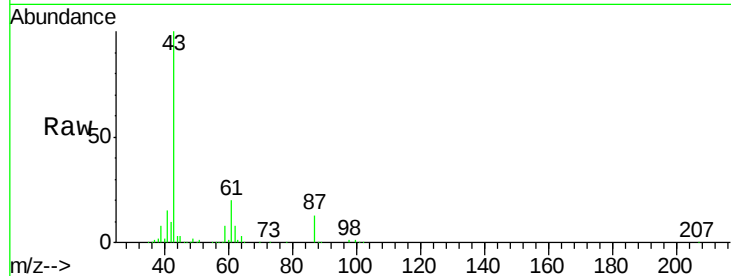


#43

Isopropyl Acetate
 Concen: 49.43 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

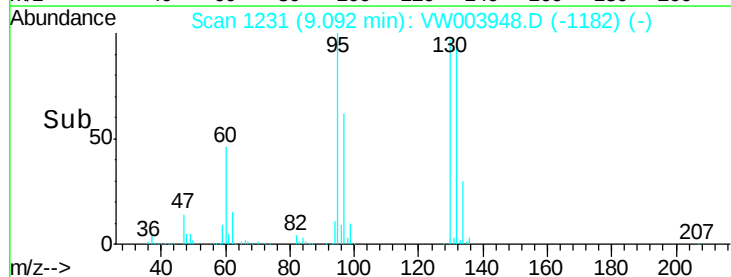
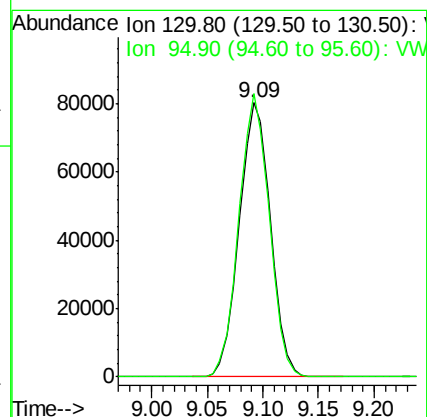
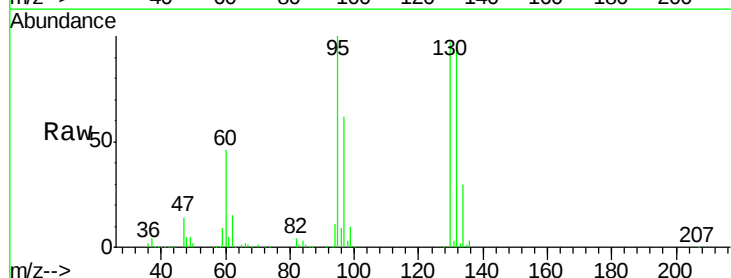
Tot Ion	43	Resp	201808
Ion Ratio	Lower	Upper	
43	100		
61	28.8	23.0	34.6
87	12.4	9.9	14.9

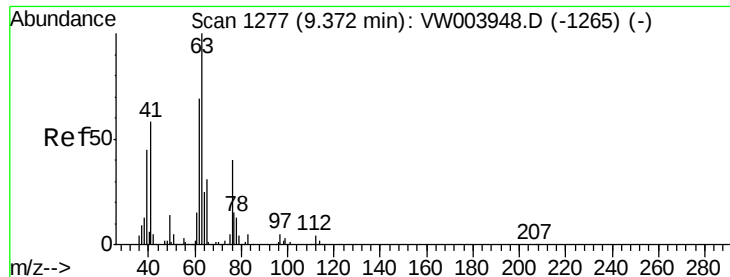


#44

Trichloroethene
 Concen: 48.30 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion	130	Resp	155667
Ion Ratio	Lower	Upper	
130	100		
95	103.4	0.0	206.8

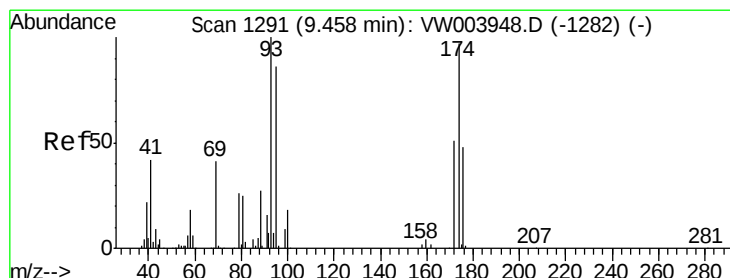
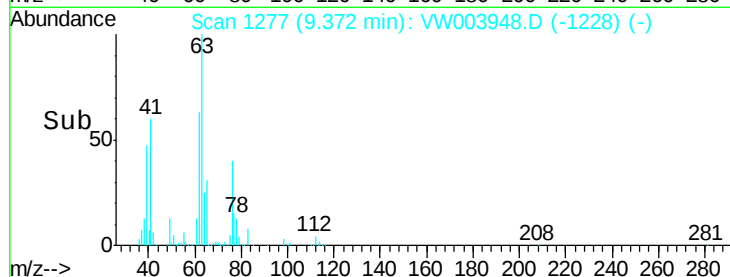
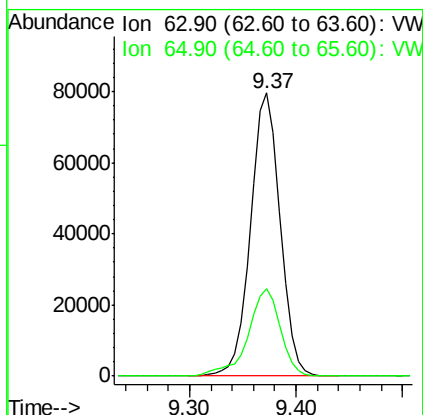
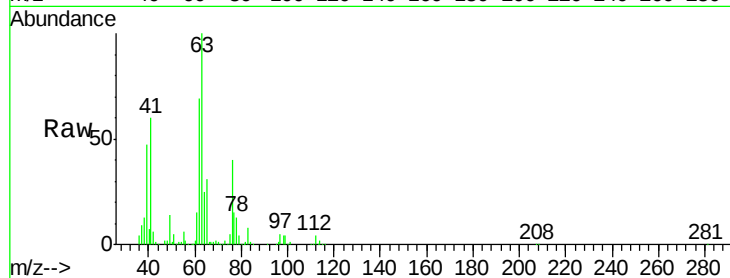




#45
 1,2-Dichloropropane
 Concen: 47.05 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

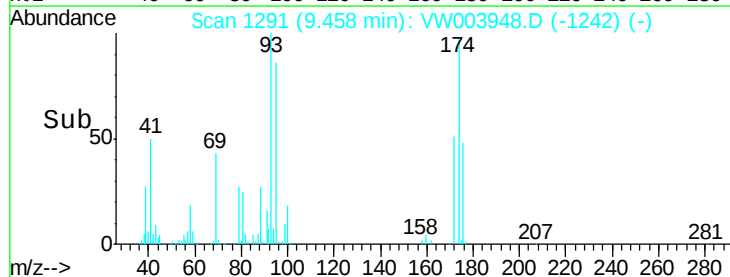
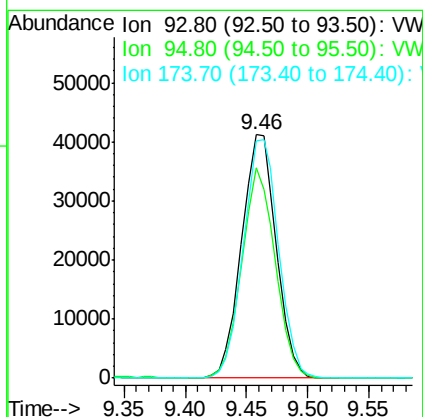
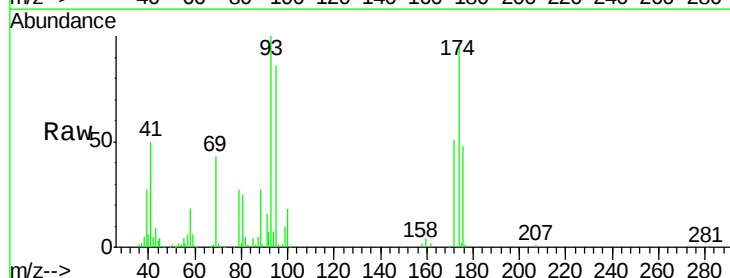
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

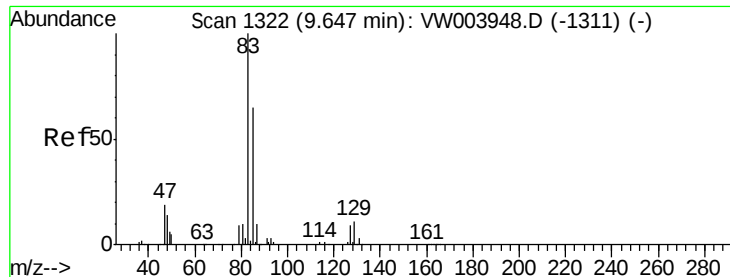
Tot Ion: 63 Resp: 155492
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 46.87 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 93 Resp: 81057
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.9 100.3
 174 100.2 80.2 120.2





#47

Bromodichloromethane

Concen: 46.71 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

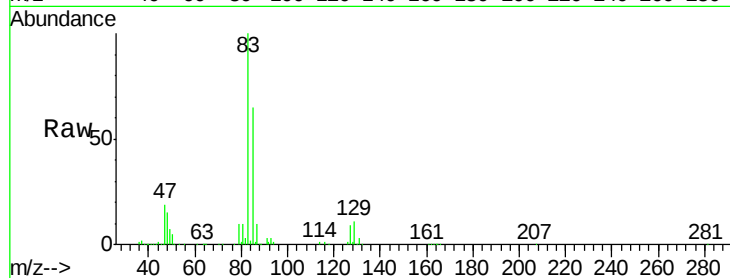
Tot Ion: 83 Resp: 199084

Ion Ratio Lower Upper

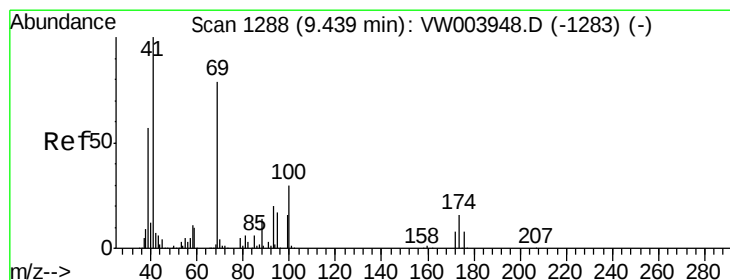
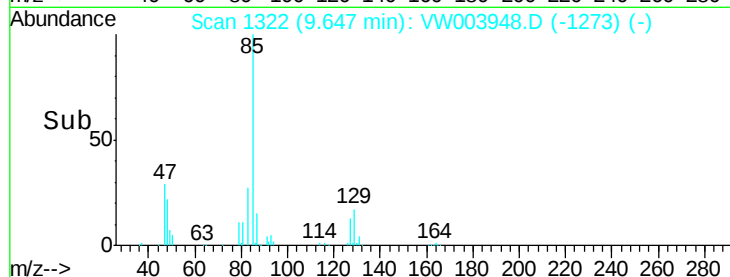
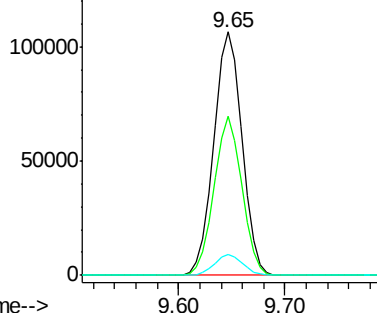
83 100

85 65.2 52.2 78.2

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 51.28 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

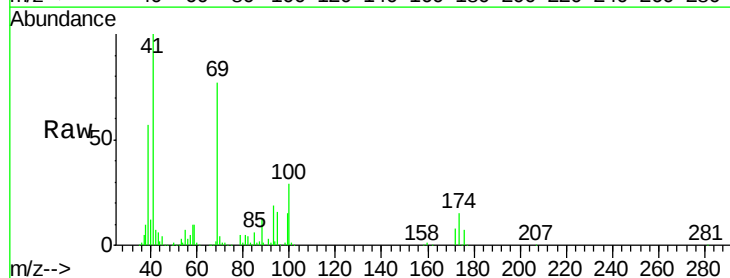
Tgt Ion: 41 Resp: 99601

Ion Ratio Lower Upper

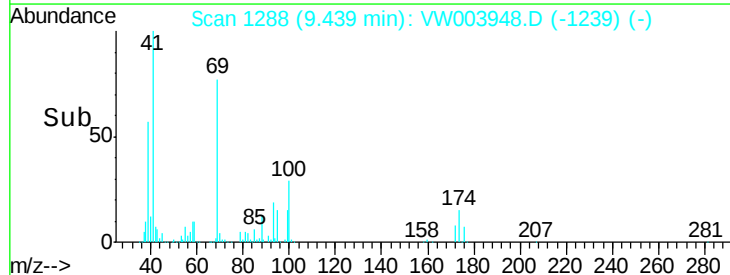
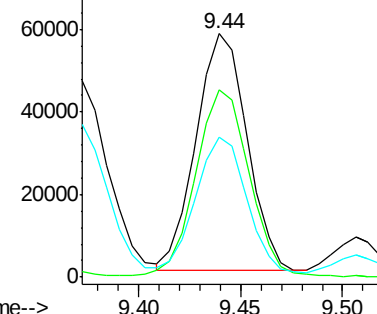
41 100

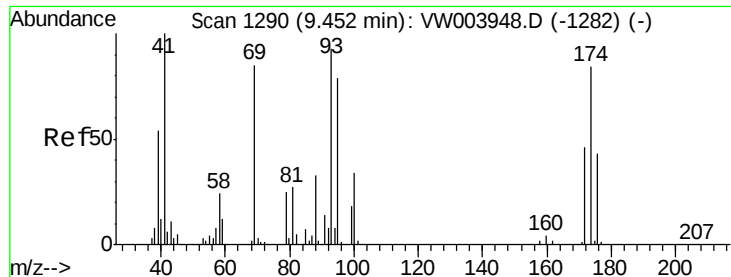
69 83.8 67.0 100.6

39 61.0 48.8 73.2



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





#49

1,4-Dioxane

Concen: 1000.13 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

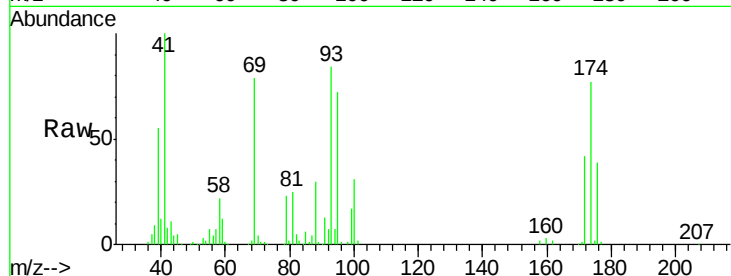
Tot Ion: 88 Resp: 25979

Ion Ratio Lower Upper

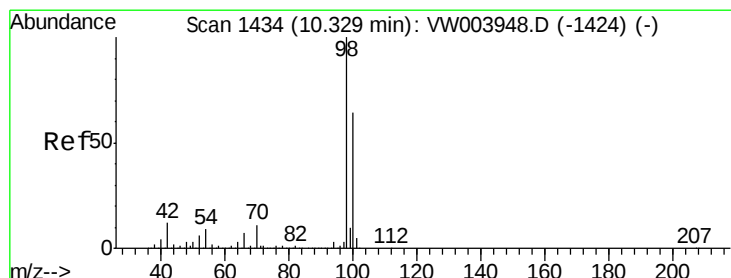
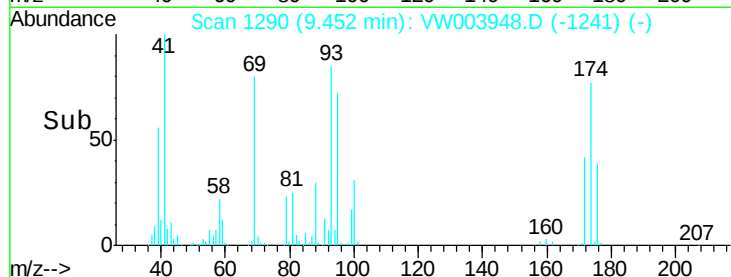
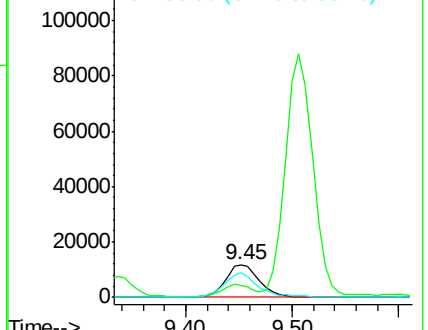
88 100

43 34.1 27.3 40.9

58 76.4 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: 50.71 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003948.D

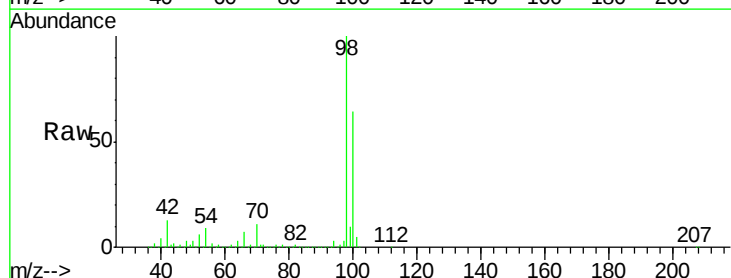
Acq: 16 Jul 2018 13:15

Tgt Ion: 98 Resp: 574802

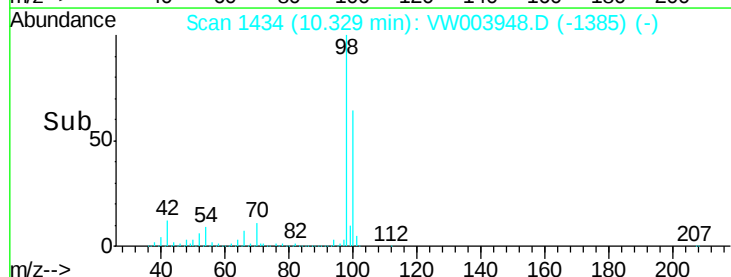
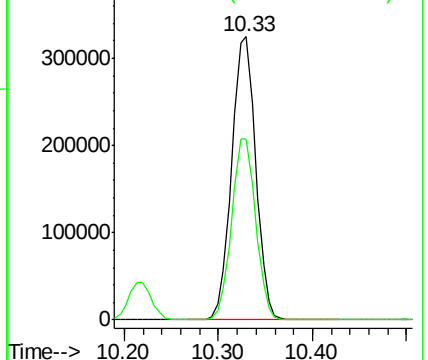
Ion Ratio Lower Upper

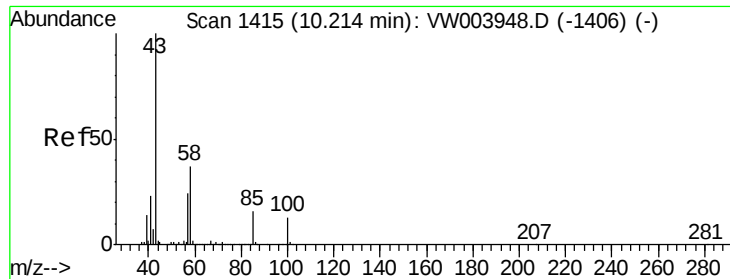
98 100

100 64.0 51.2 76.8



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

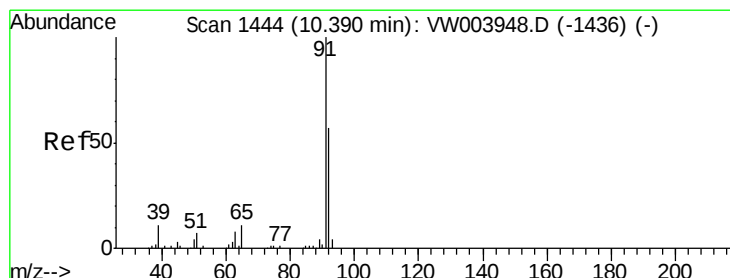
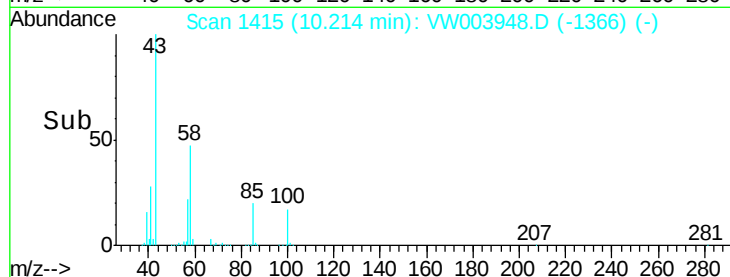
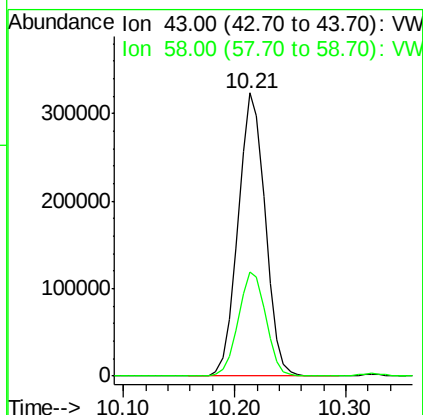
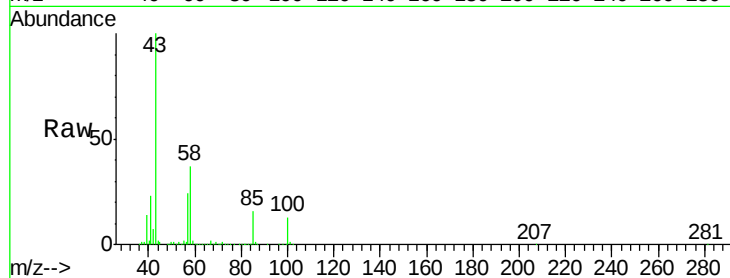




#51
 4-Methyl-2-Pentanone
 Concen: 258.97 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

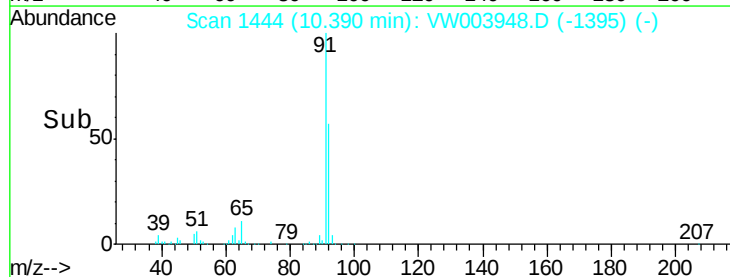
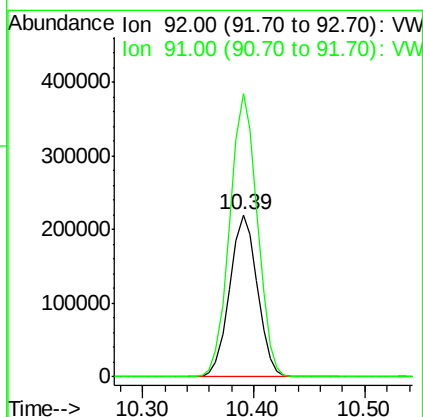
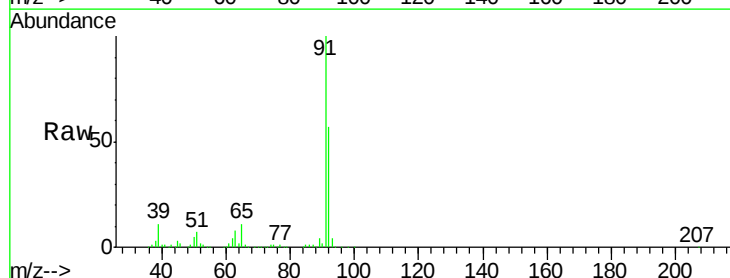
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

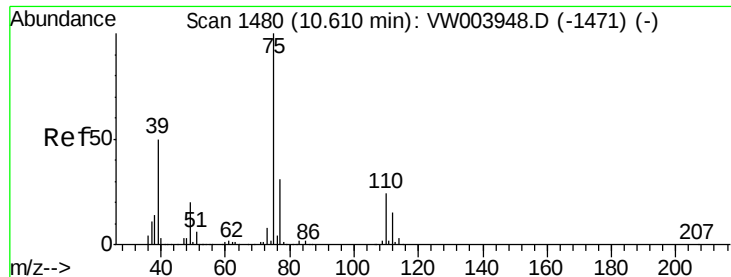
Tot Ion: 43 Resp: 545960
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.9 44.9



#52
 Toluene
 Concen: 47.92 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 92 Resp: 377430
 Ion Ratio Lower Upper
 92 100
 91 174.5 139.6 209.4

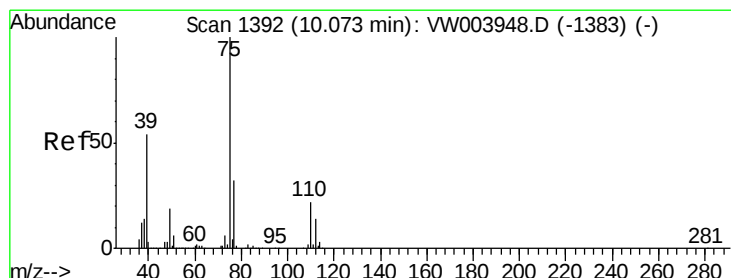
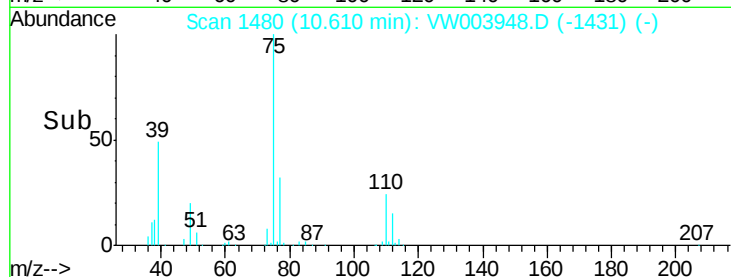
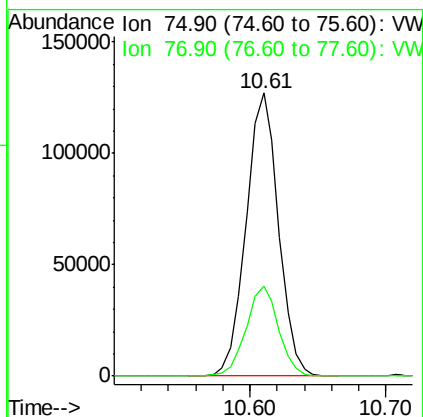
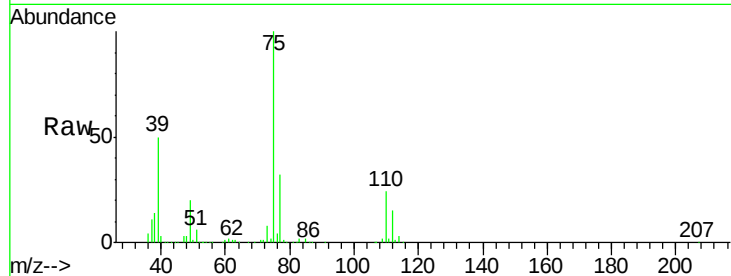




#53
t-1,3-Dichloropropene
Concen: 49.69 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

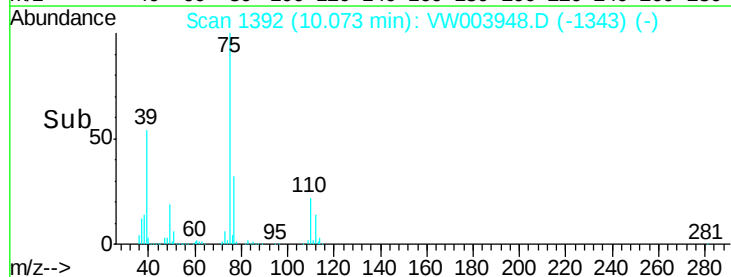
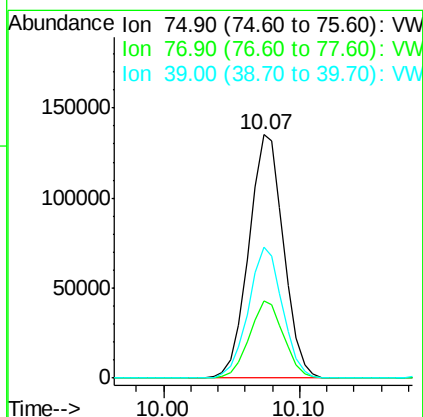
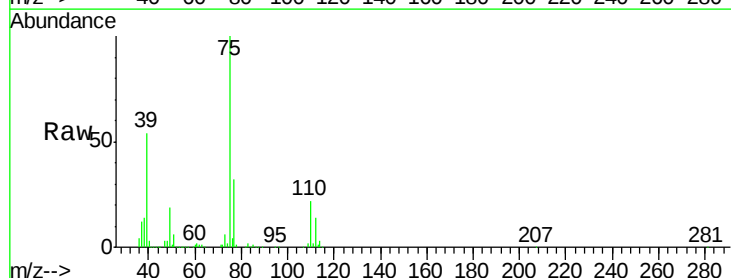
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

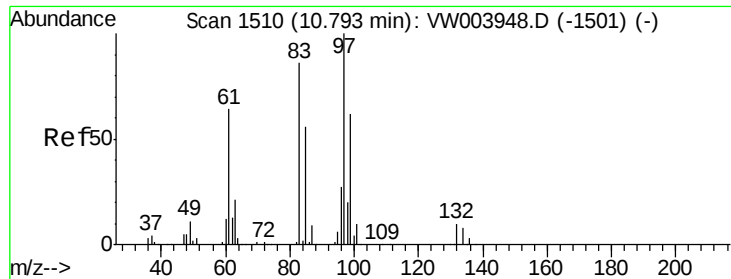
Tot Ion: 75 Resp: 212046
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 49.96 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 75 Resp: 241395
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 53.8 43.0 64.6



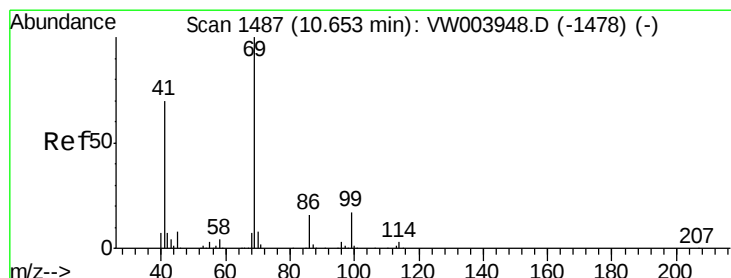
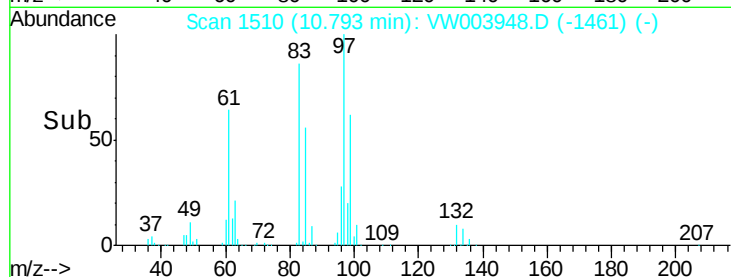
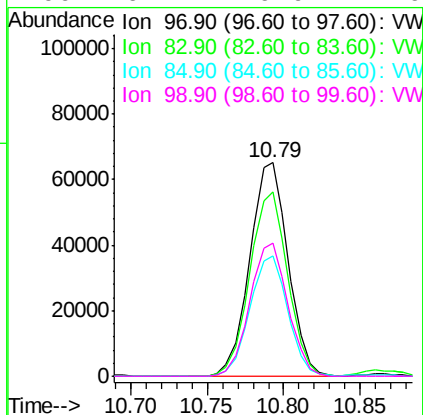
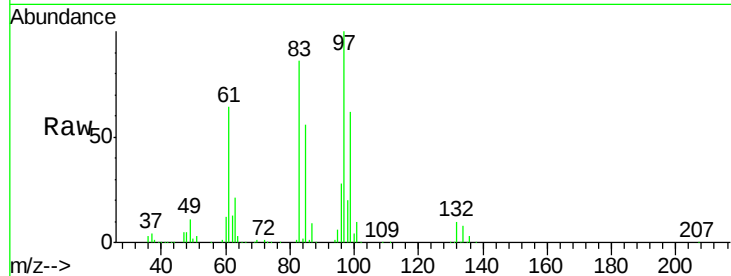


#55
 1,1,2-Trichloroethane
 Concen: 47.11 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 113194

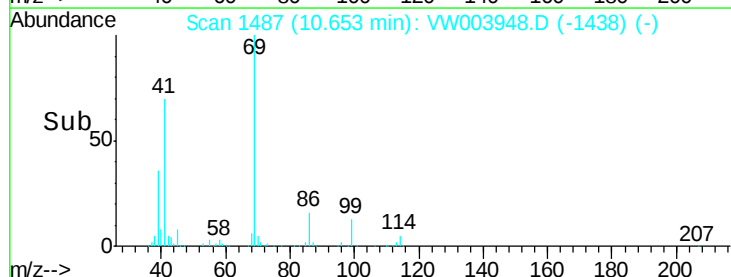
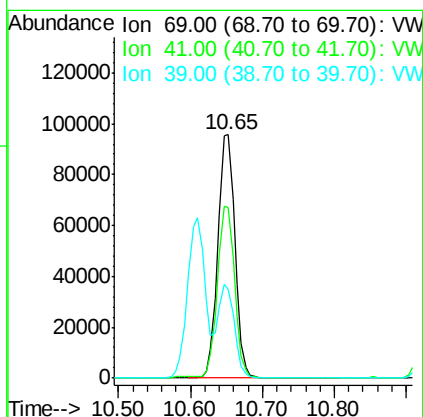
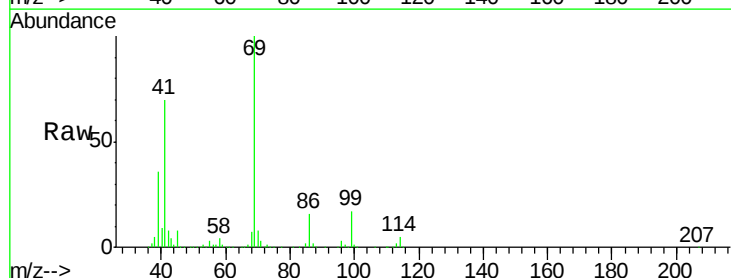
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.4
85	56.3	45.0	67.6
99	62.4	49.9	74.9

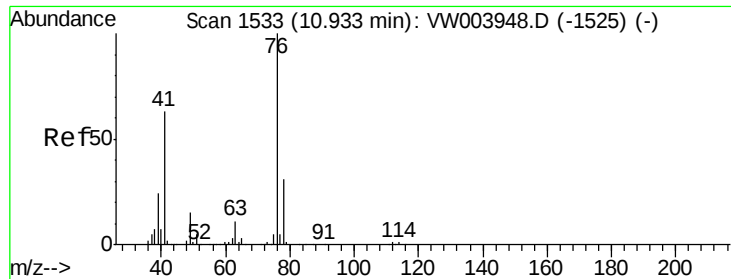


#56
 Ethyl methacrylate
 Concen: 53.58 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 69 Resp: 157415

Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.5	84.7
39	37.8	30.2	45.4

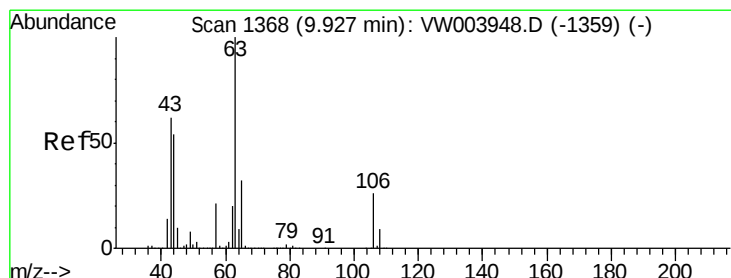
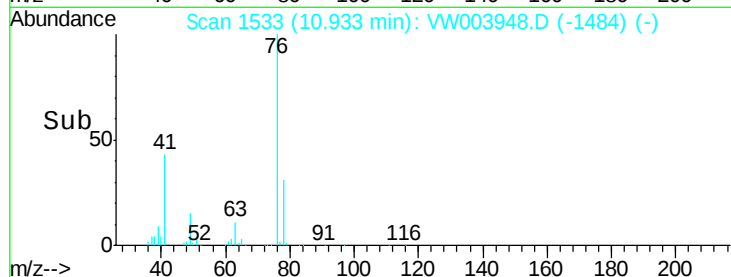
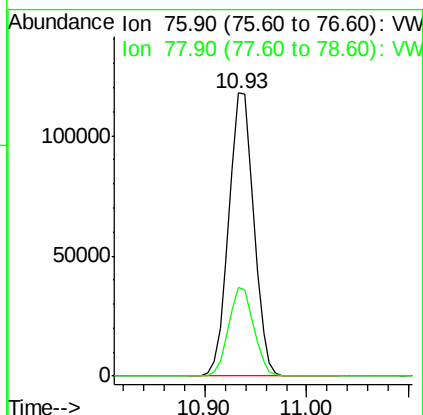
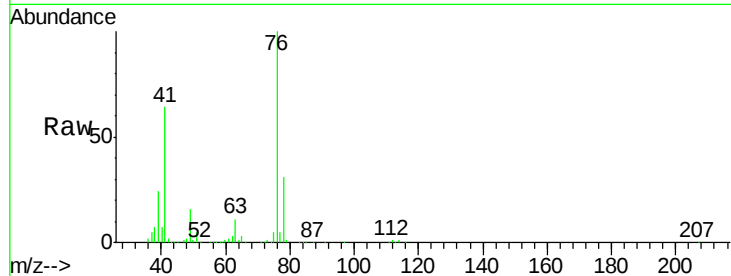




#57
 1,3-Dichloropropane
 Concen: 47.75 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

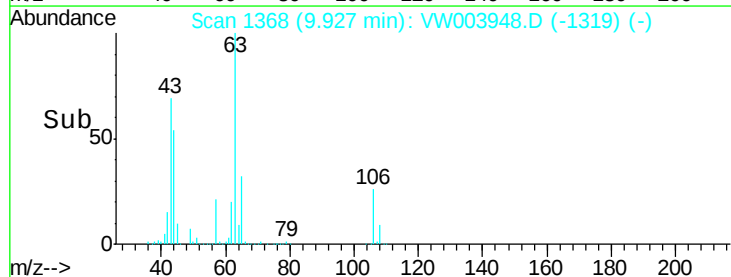
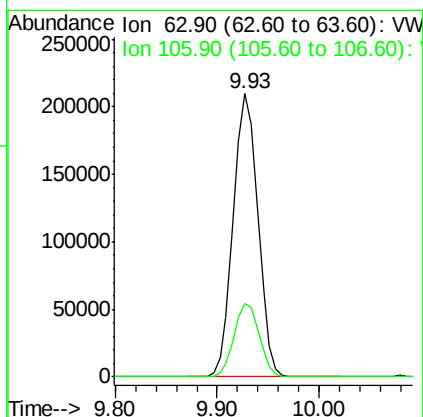
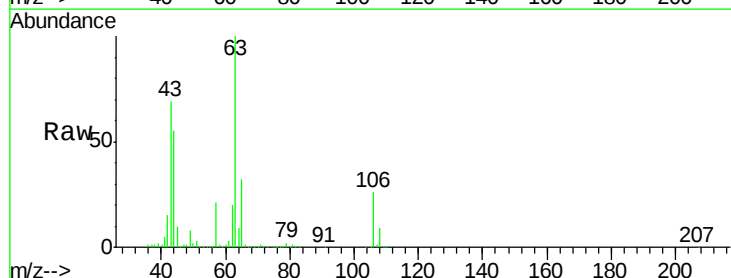
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

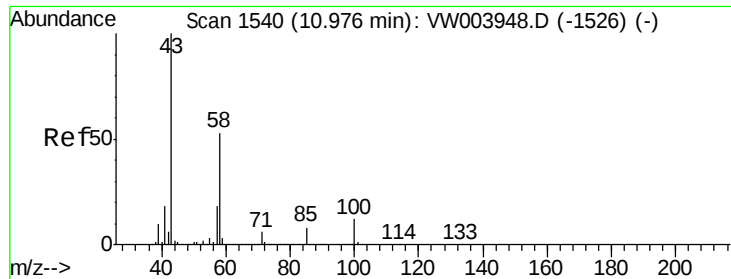
Tot Ion: 76 Resp: 199734
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.23 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 63 Resp: 350693
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8

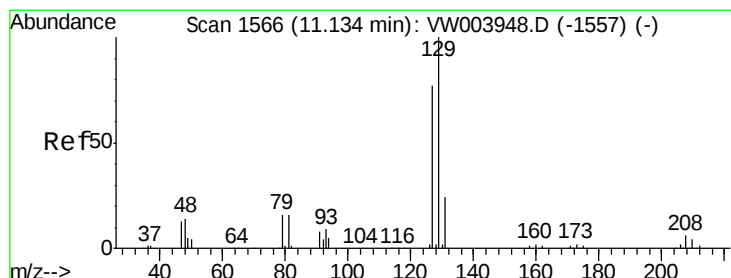
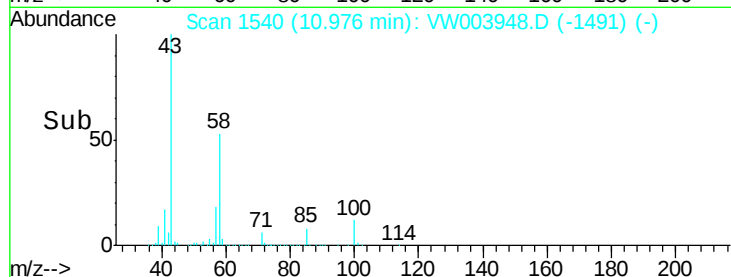
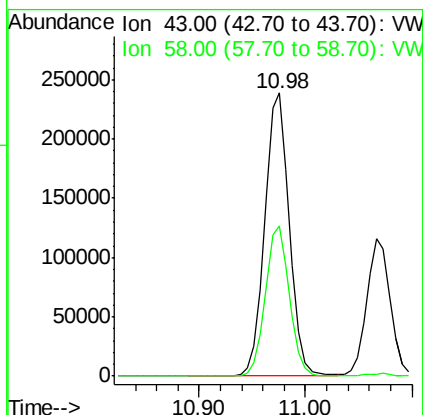
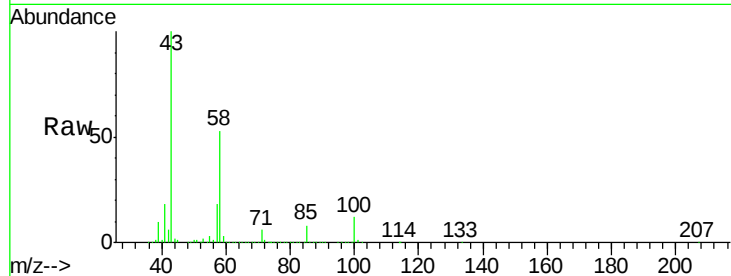




#59
2-Hexanone
Concen: 266.05 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

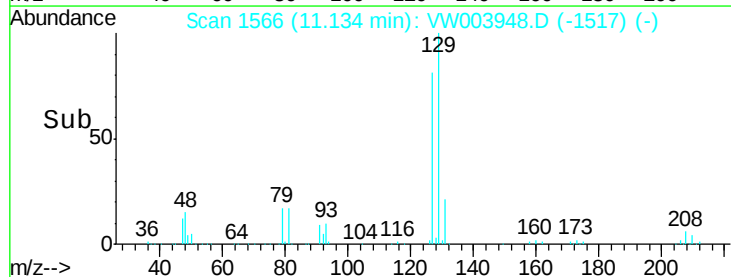
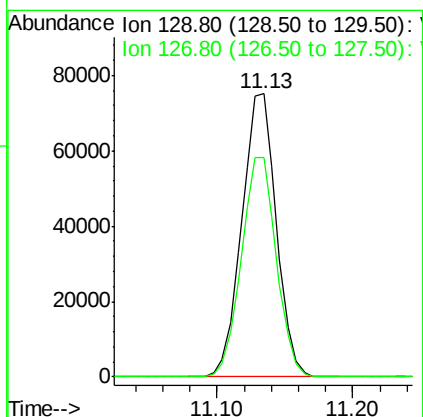
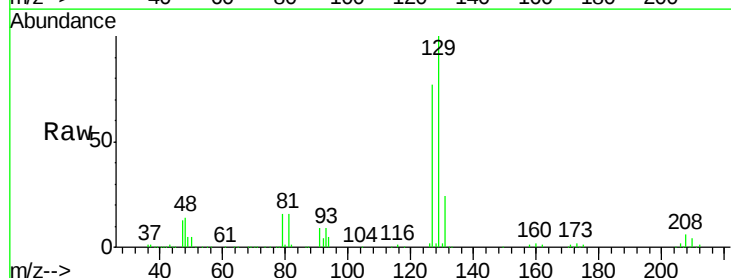
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

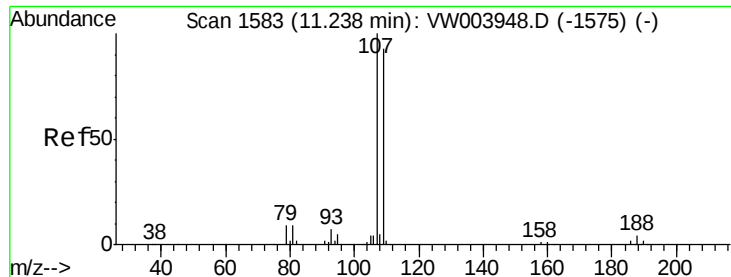
Tot Ion: 43 Resp: 385297
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0



#60
Dibromochloromethane
Concen: 47.60 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 129 Resp: 133252
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

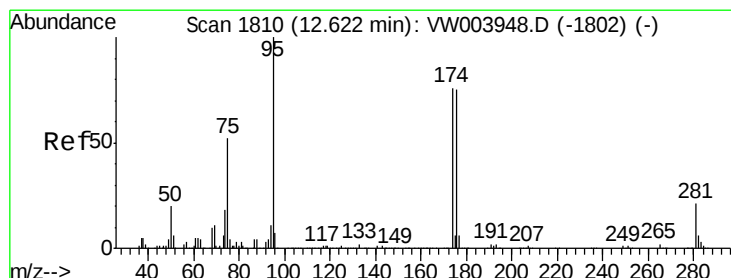
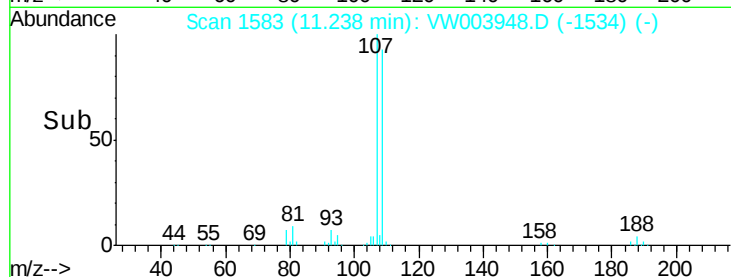
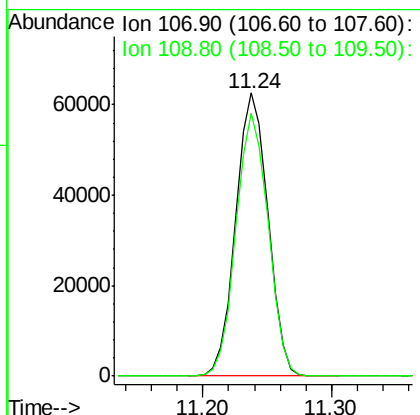
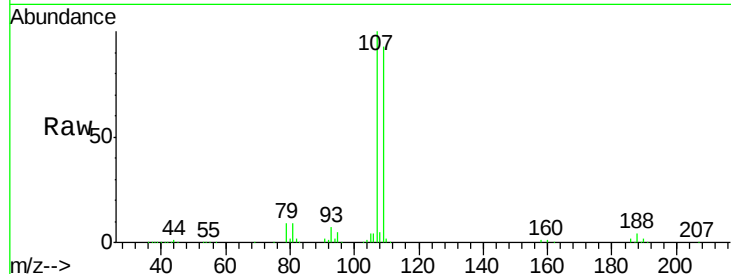




#61
 1,2-Dibromoethane
 Concen: 47.34 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

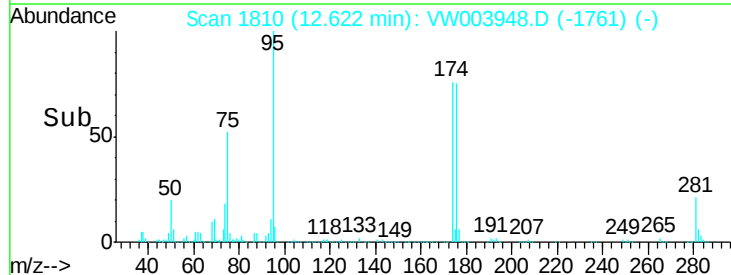
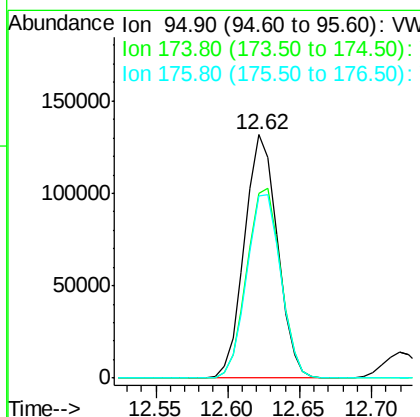
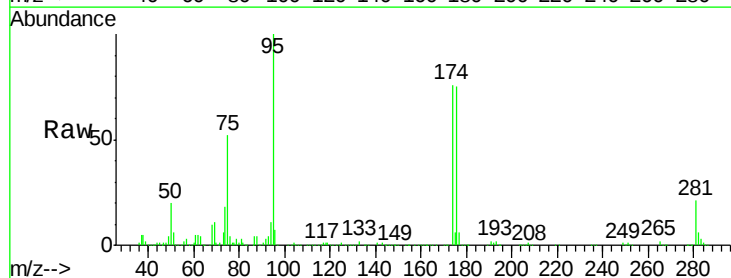
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

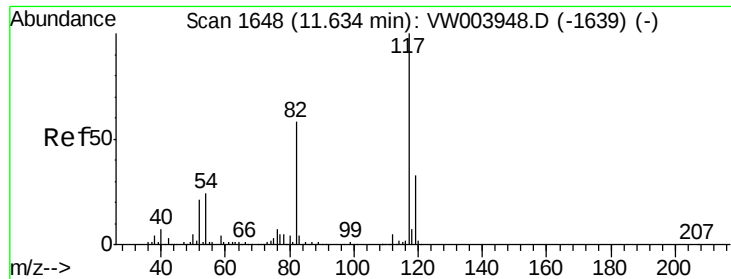
Tot Ion: 107 Resp: 108408
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 50.87 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 95 Resp: 208423
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 160.2
 176 77.9 0.0 155.8

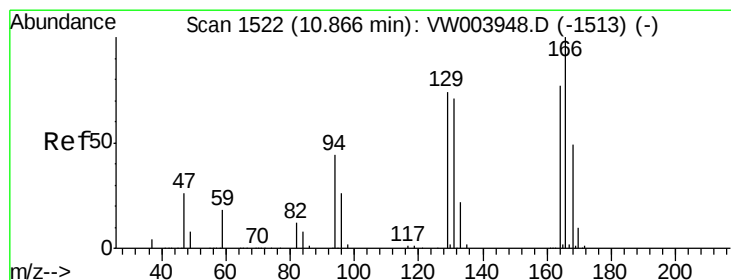
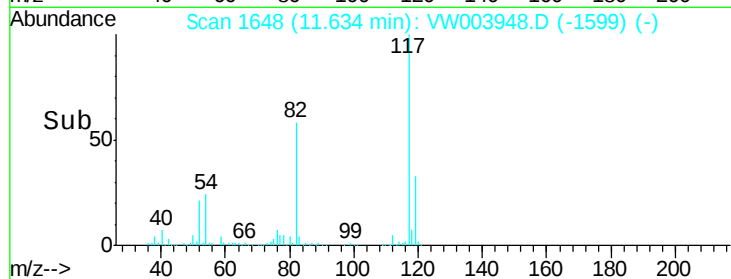
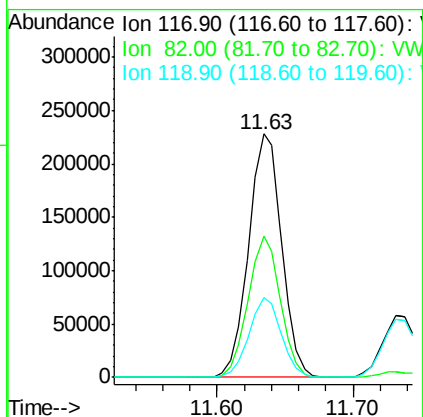
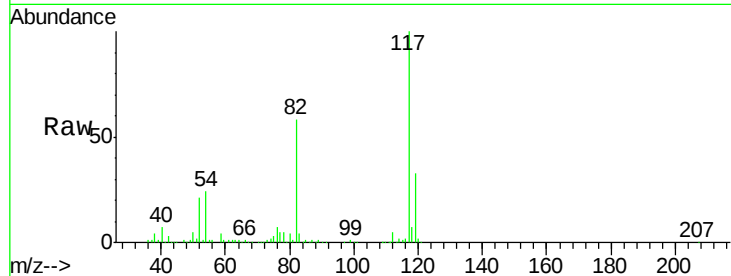




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

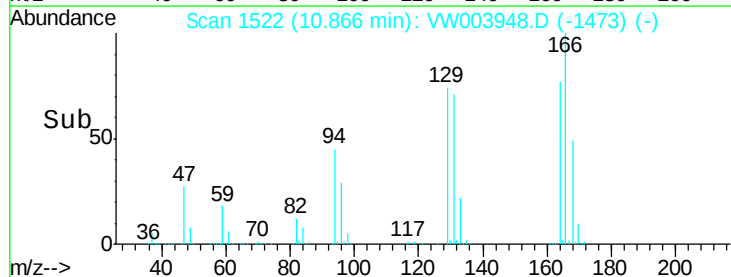
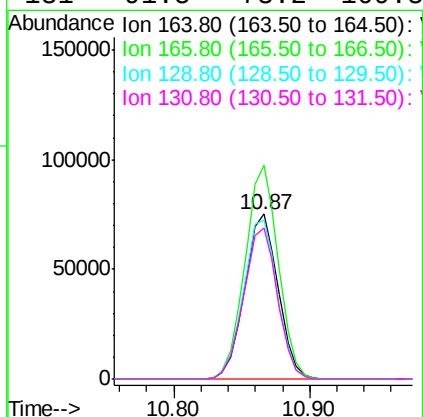
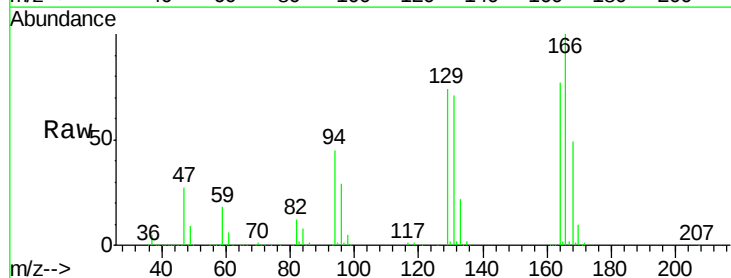
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

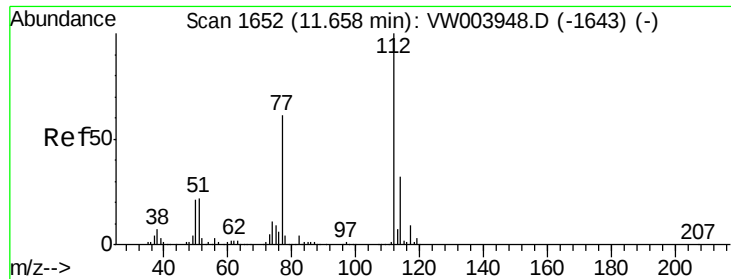
Tot Ion:117 Resp: 387797
Ion Ratio Lower Upper
117 100
82 58.1 46.5 69.7
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 45.94 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion:164 Resp: 129425
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 96.0 76.8 115.2
131 91.5 73.2 109.8





#65

Chlorobenzene

Concen: 48.19 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampled :

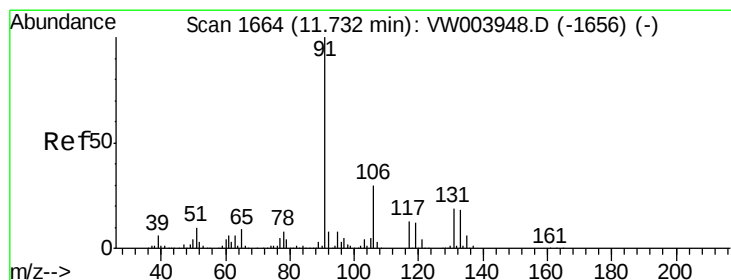
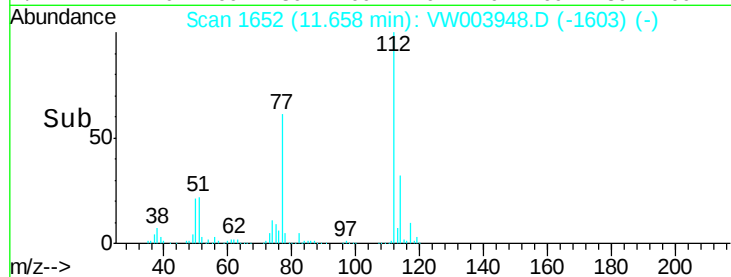
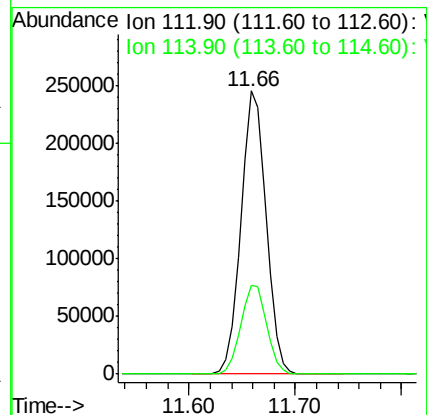
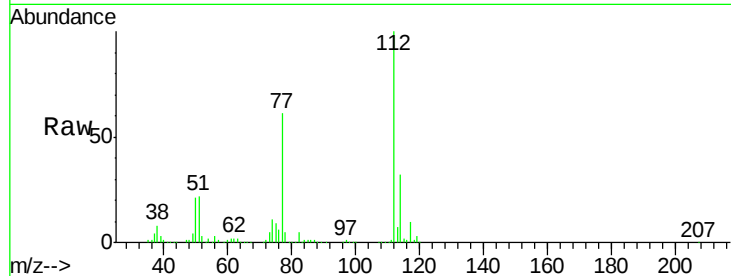
VSTDICCC050

Tot Ion:112 Resp: 408438

Ion Ratio Lower Upper

112 100

114 31.5 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 48.84 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

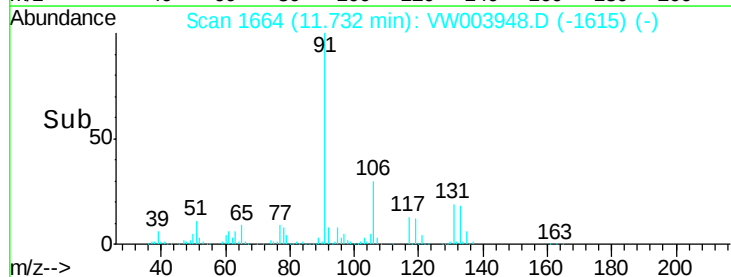
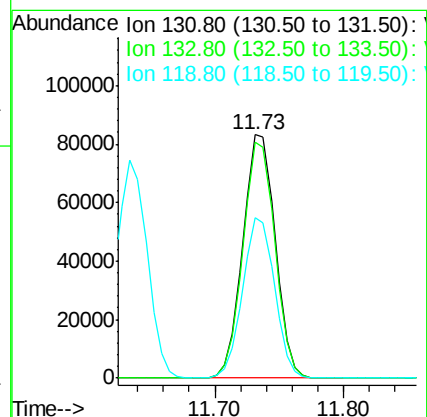
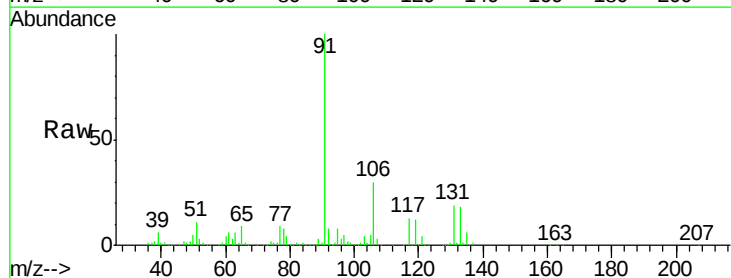
Tgt Ion:131 Resp: 144791

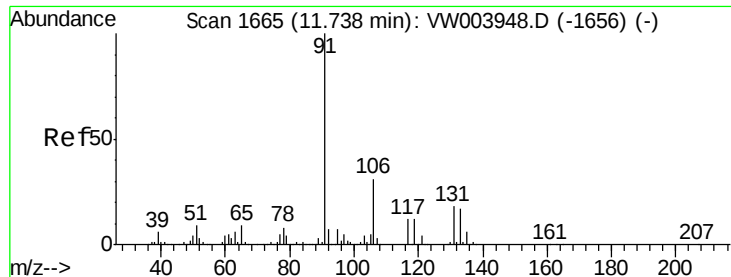
Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.8

119 65.0 32.5 97.5

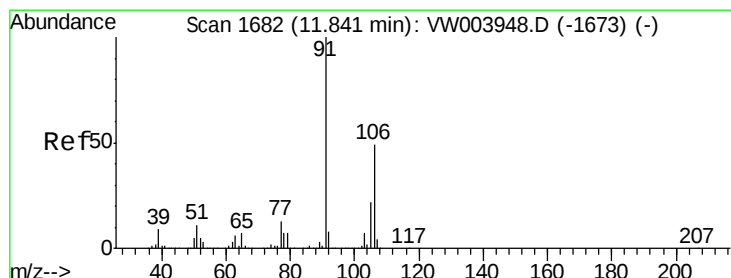
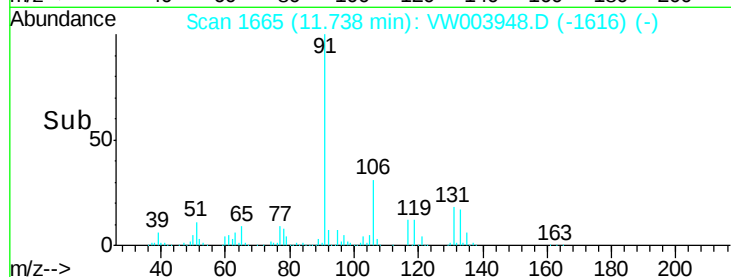
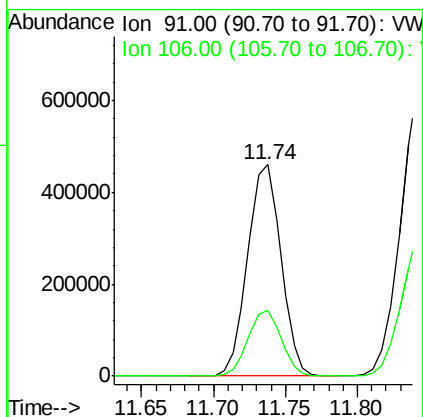
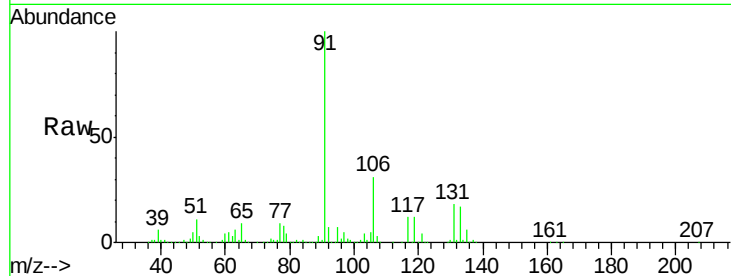




#67
Ethyl Benzene
Concen: 50.83 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

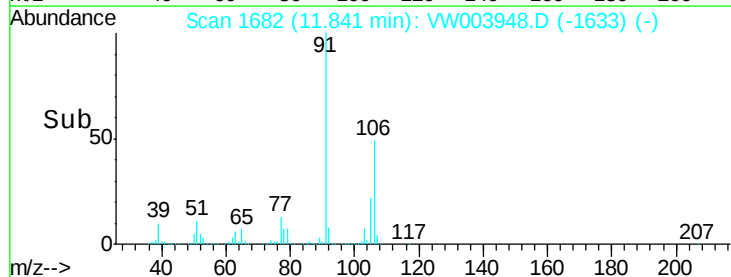
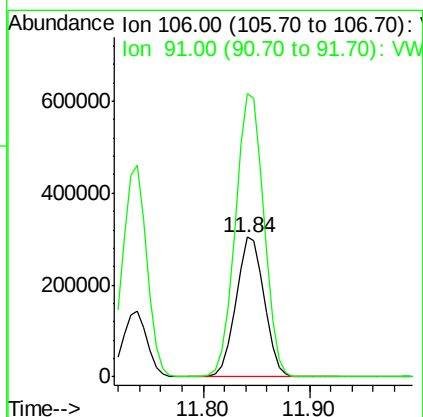
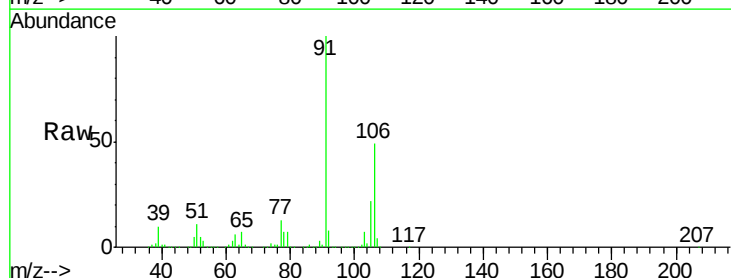
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

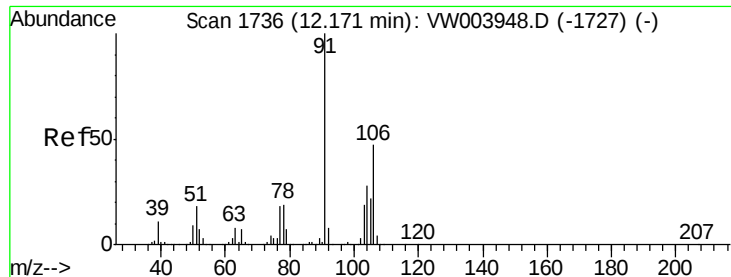
Tot Ion: 91 Resp: 738170
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 101.57 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 106 Resp: 564064
Ion Ratio Lower Upper
106 100
91 205.2 164.2 246.2

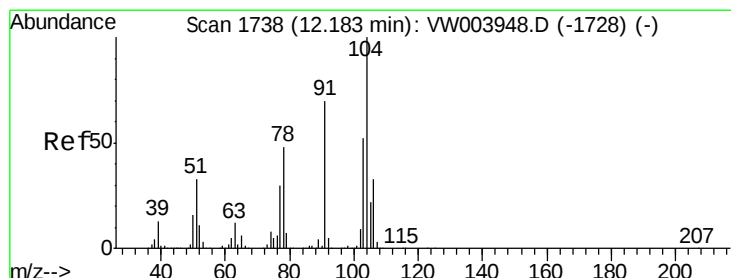
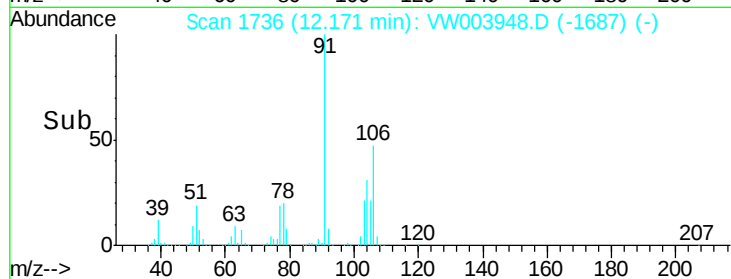
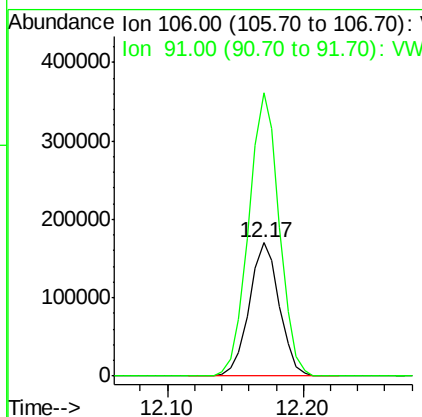
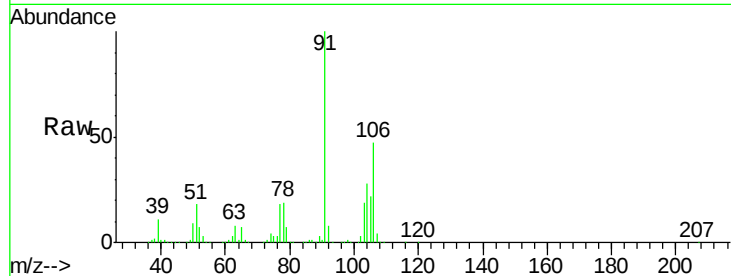




#69
o-Xylene
Concen: 51.54 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

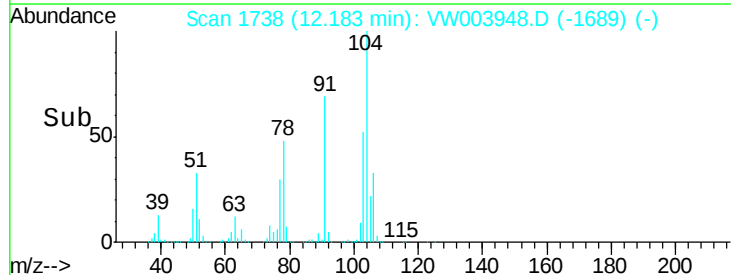
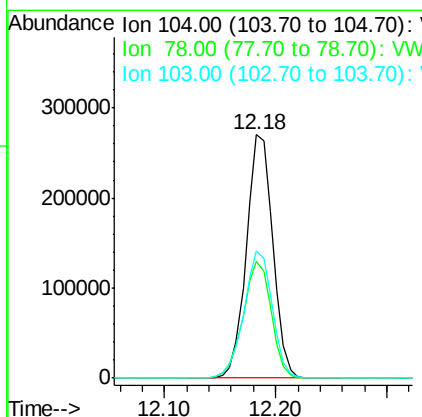
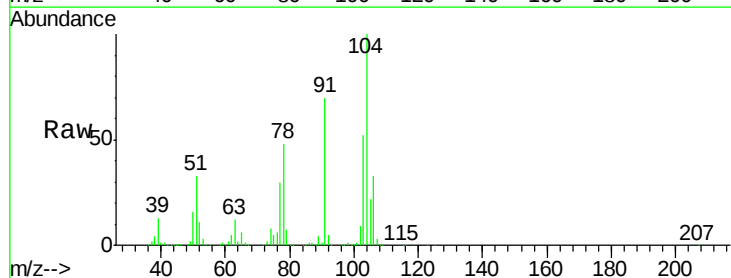
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

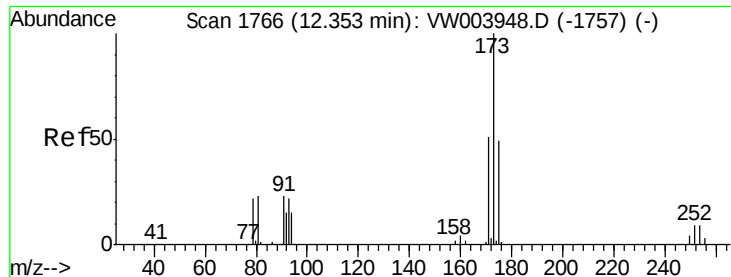
Tot Ion:106 Resp: 264327
Ion Ratio Lower Upper
106 100
91 215.1 107.5 322.6



#70
Styrene
Concen: 51.39 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion:104 Resp: 446136
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 55.8 44.6 67.0

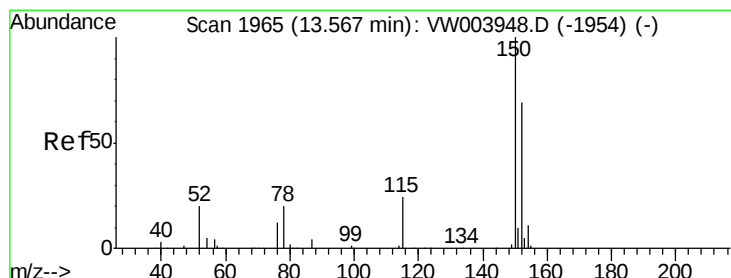
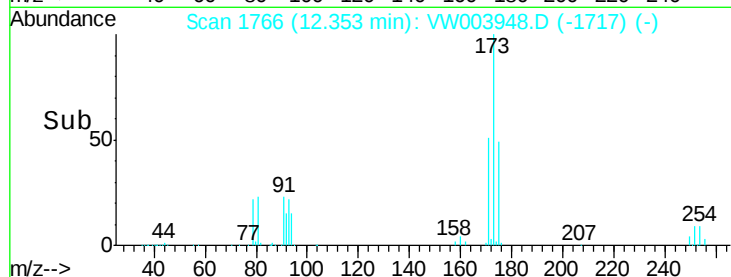
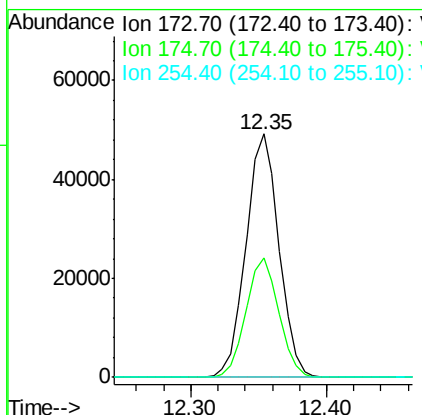
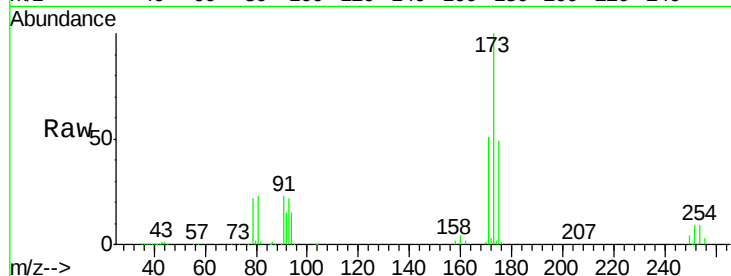




#71
Bromoform
Concen: 51.10 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

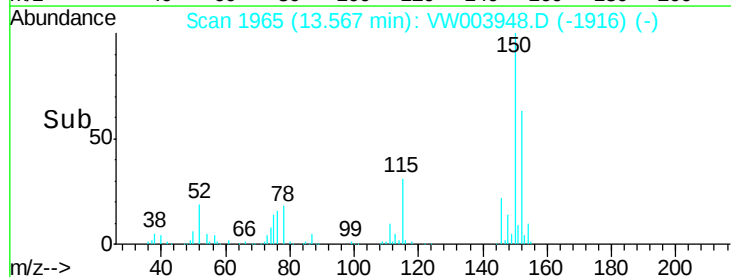
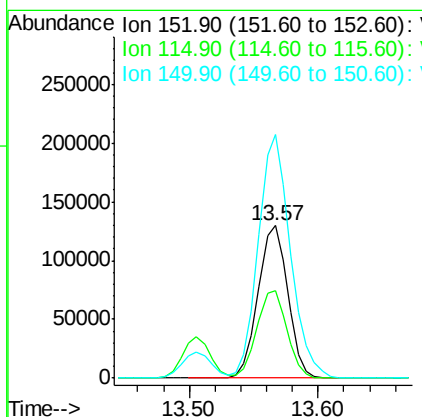
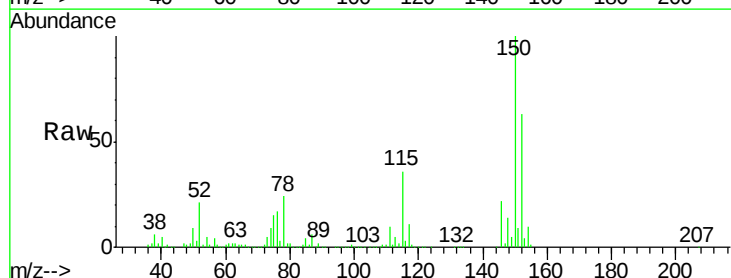
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

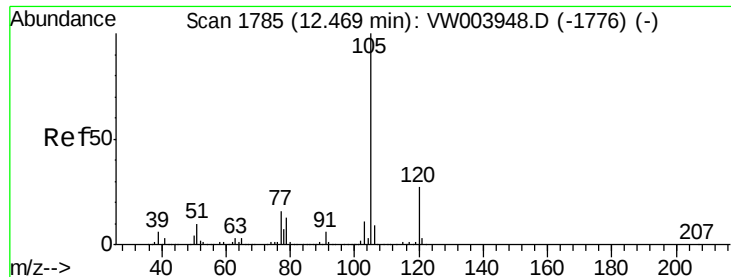
Tot Ion:173 Resp: 83445
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion:152 Resp: 206419
Ion Ratio Lower Upper
152 100
115 58.4 29.2 87.6
150 172.6 0.0 345.2





#73

Isopropylbenzene

Concen: 52.15 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

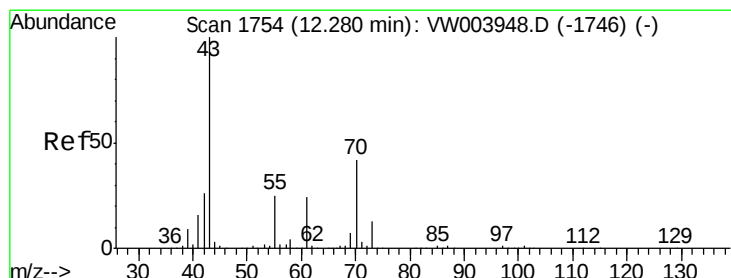
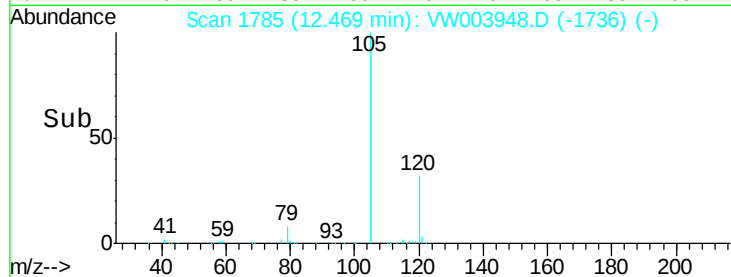
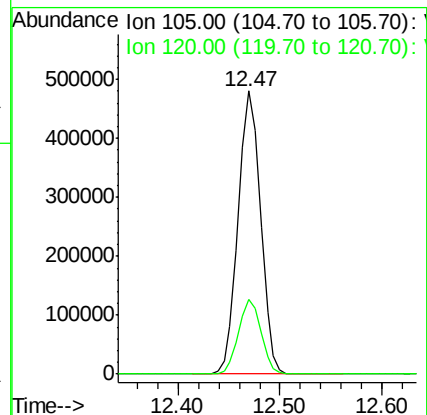
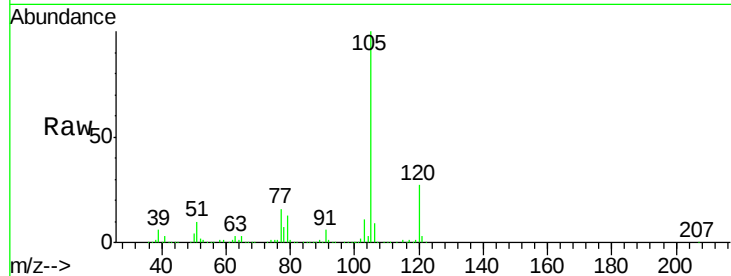
VSTDICCC050

Tot Ion:105 Resp: 728046

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 52.10 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Tgt Ion: 43 Resp: 195608

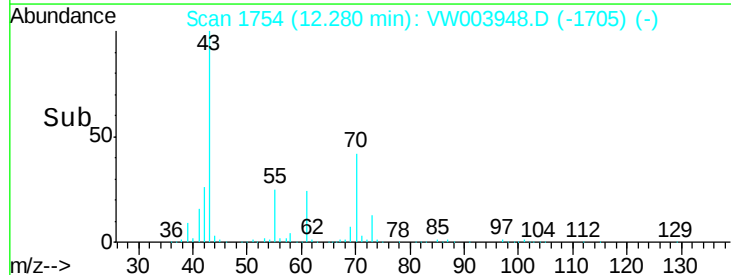
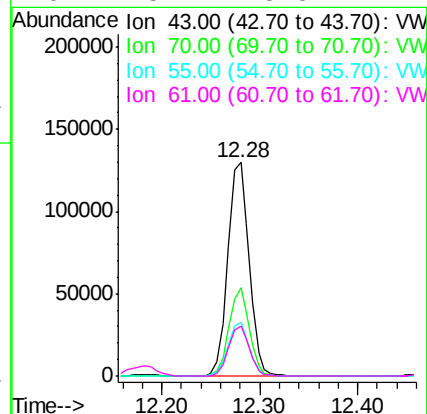
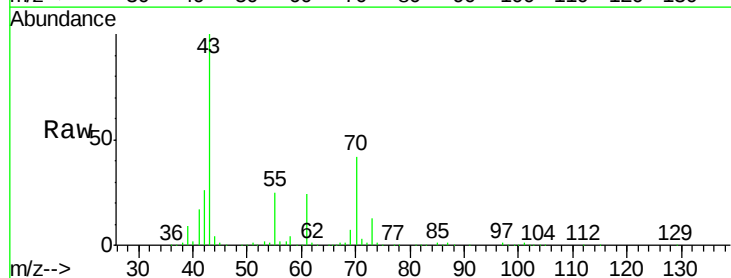
Ion Ratio Lower Upper

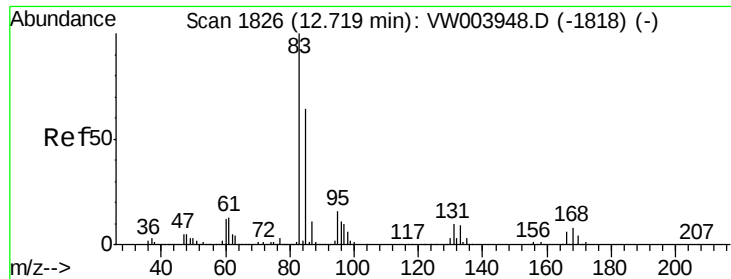
43 100

70 39.5 31.6 47.4

55 25.0 20.0 30.0

61 23.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.83 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

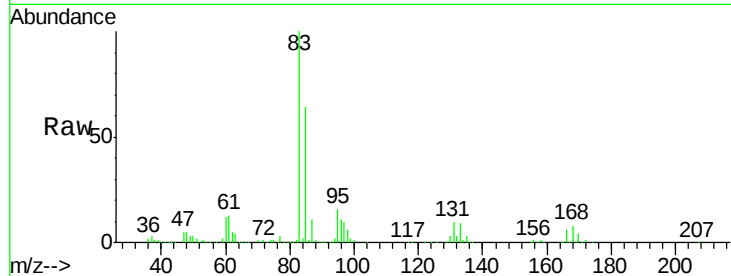
Tot Ion: 83 Resp: 140007

Ion Ratio Lower Upper

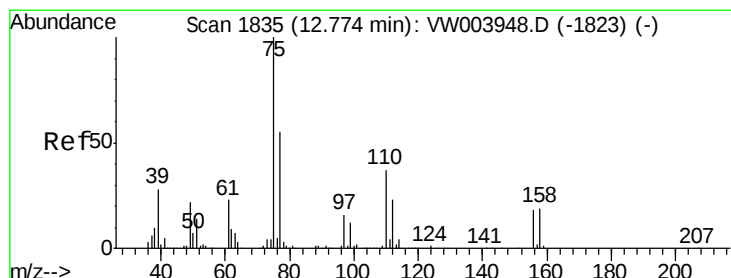
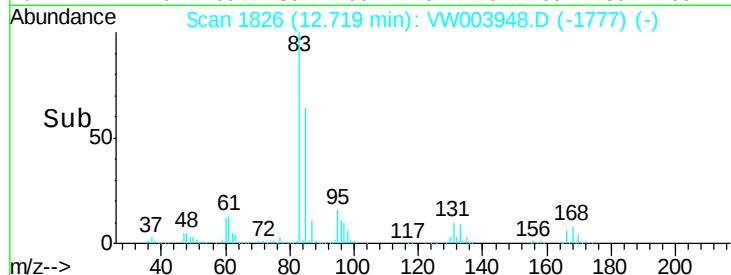
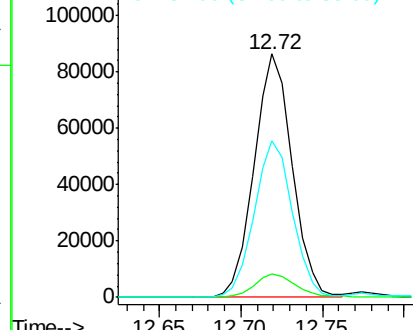
83 100

131 10.5 5.3 15.8

85 64.4 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: 80.66 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003948.D

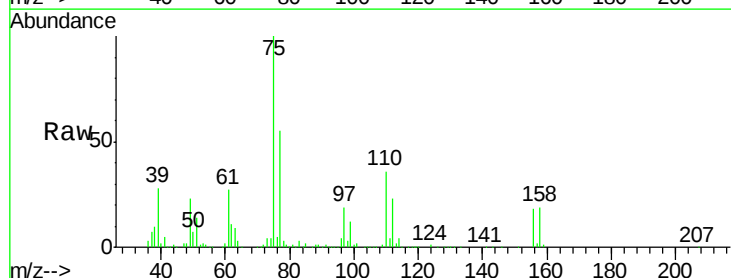
Acq: 16 Jul 2018 13:15

Tgt Ion: 75 Resp: 188550

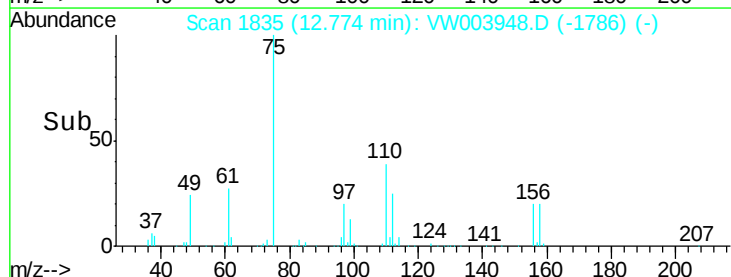
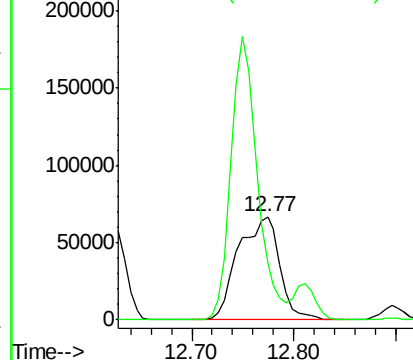
Ion Ratio Lower Upper

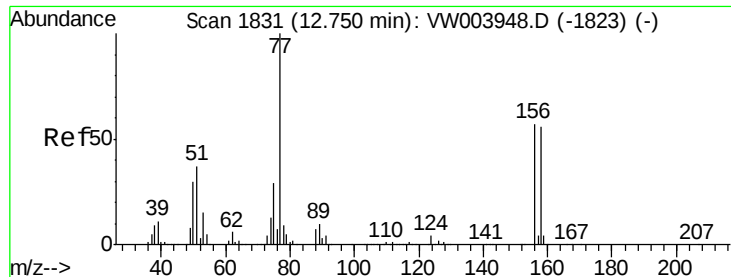
75 100

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: 49.49 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

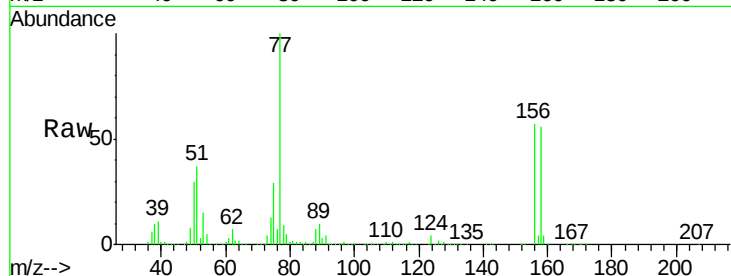
Tot Ion:156 Resp: 171251

Ion Ratio Lower Upper

156 100

77 192.4 96.2 288.6

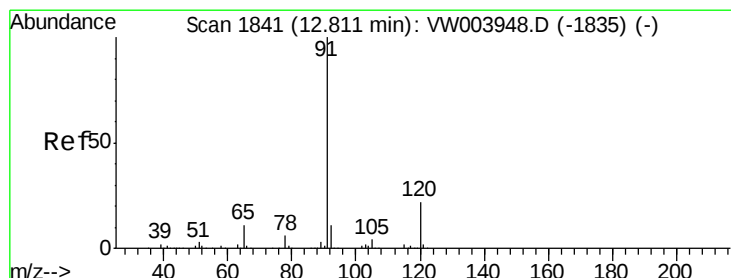
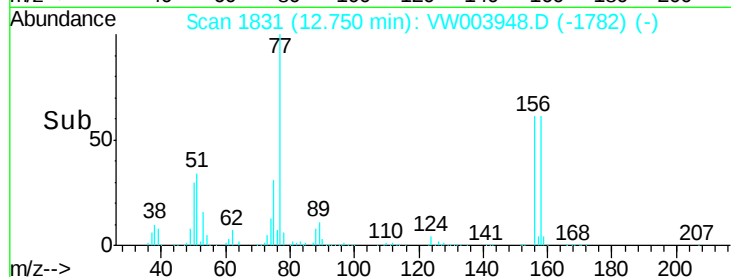
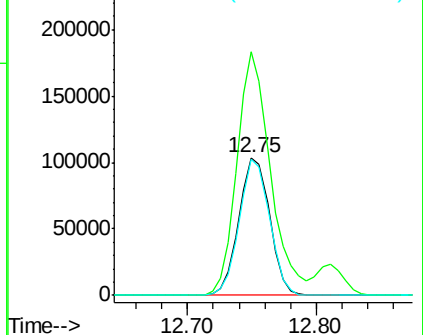
158 97.0 48.5 145.5



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: 51.54 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003948.D

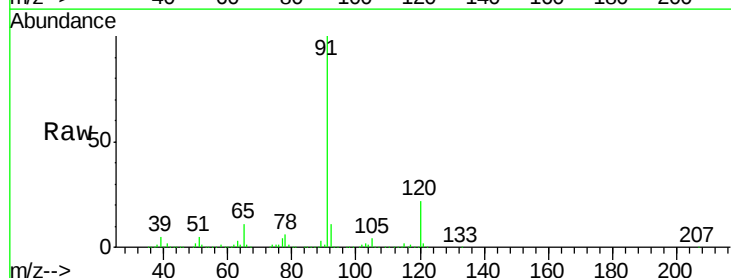
Acq: 16 Jul 2018 13:15

Tgt Ion: 91 Resp: 901599

Ion Ratio Lower Upper

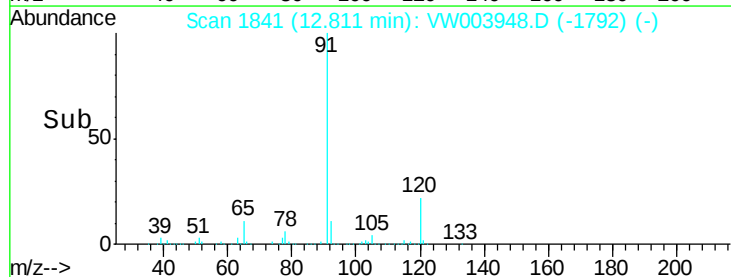
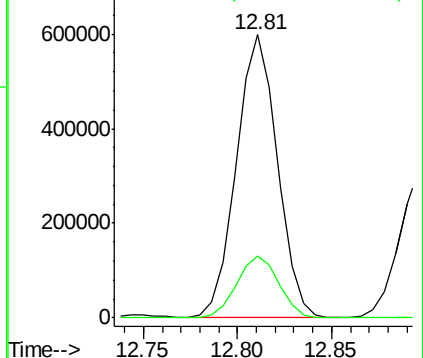
91 100

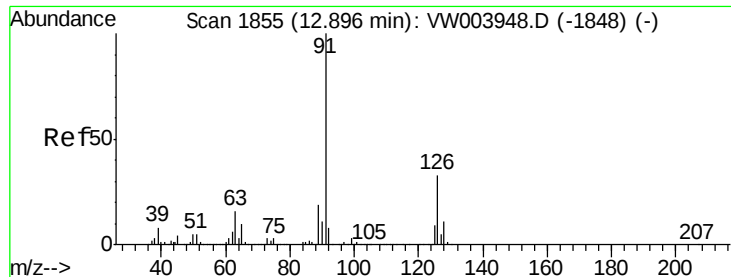
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70):





#79

2-Chlorotoluene

Concen: 49.44 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampled :

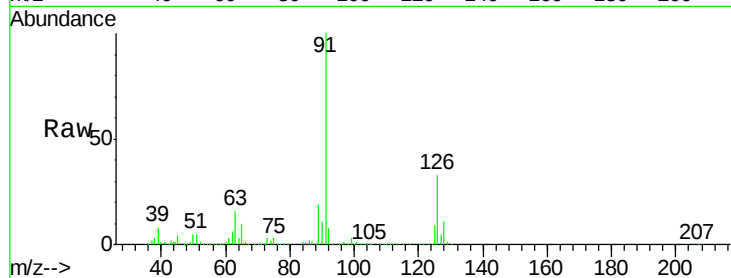
VSTDICCC050

Tot Ion: 91 Resp: 495144

Ion Ratio Lower Upper

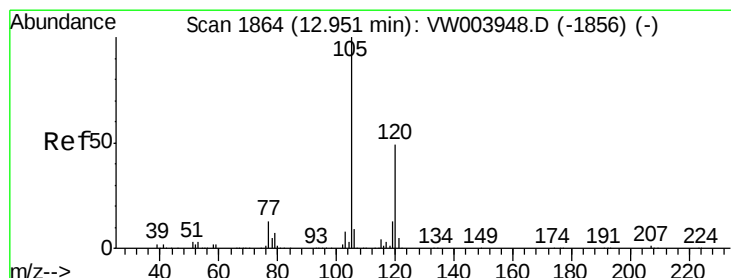
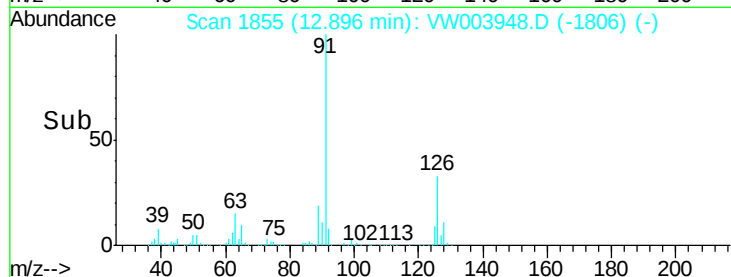
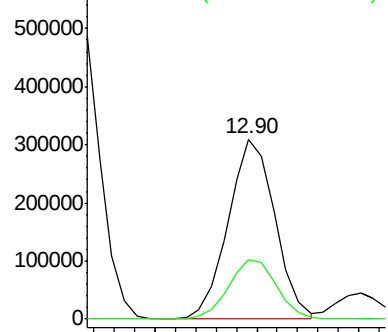
91 100

126 34.0 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: 51.47 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003948.D

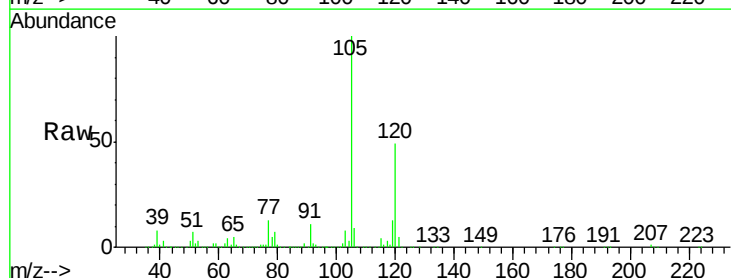
Acq: 16 Jul 2018 13:15

Tgt Ion: 105 Resp: 617841

Ion Ratio Lower Upper

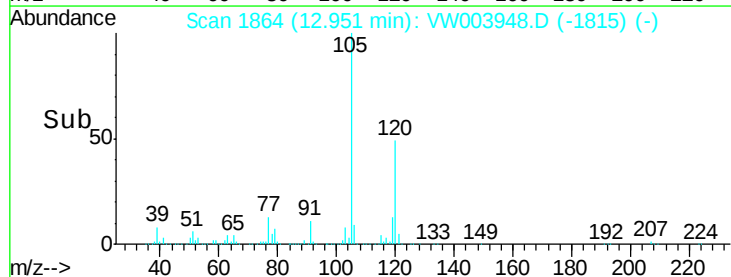
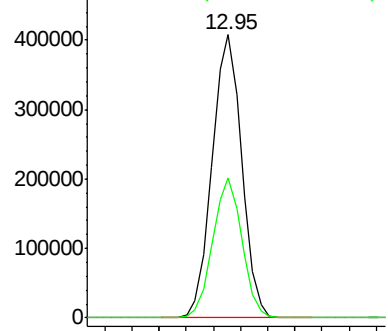
105 100

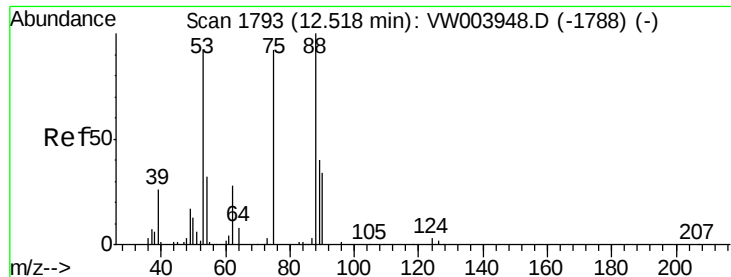
120 48.8 24.4 73.2



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: 56.11 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

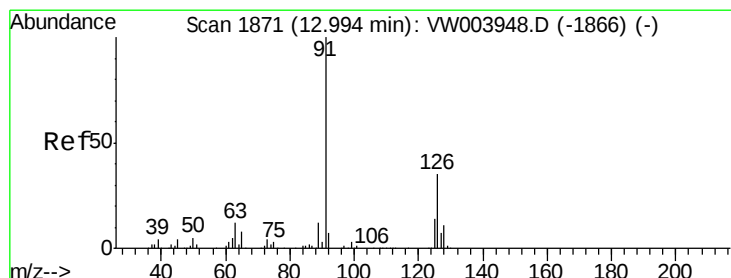
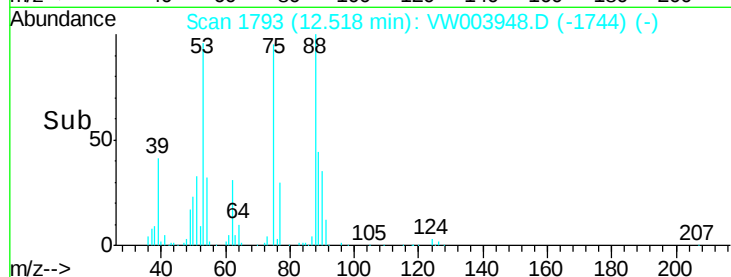
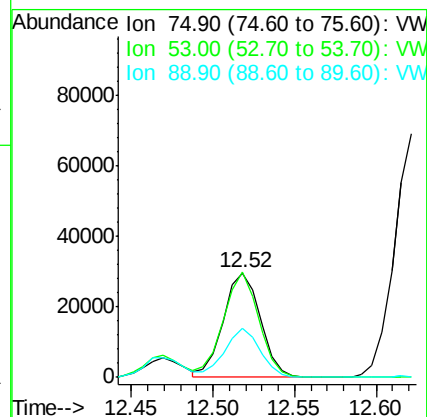
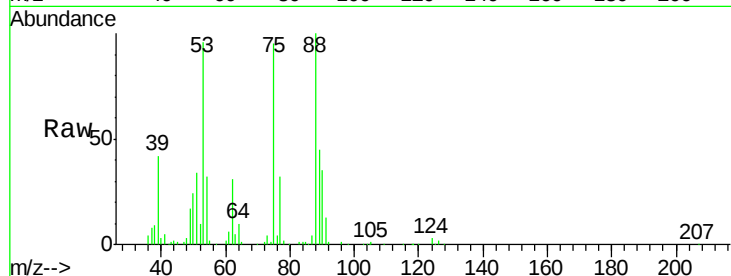
Tot Ion: 75 Resp: 46787

Ion Ratio Lower Upper

75 100

53 97.0 77.6 116.4

89 45.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 49.60 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003948.D

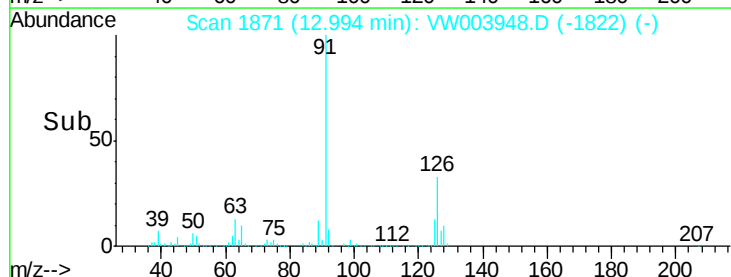
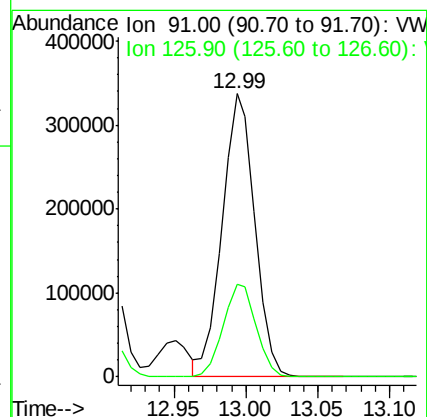
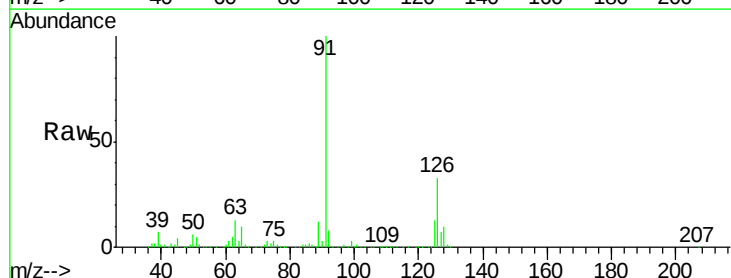
Acq: 16 Jul 2018 13:15

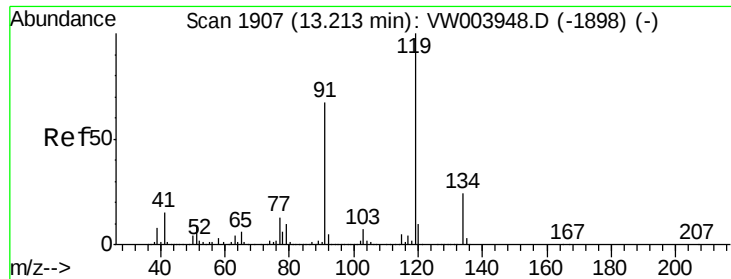
Tgt Ion: 91 Resp: 534168

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0

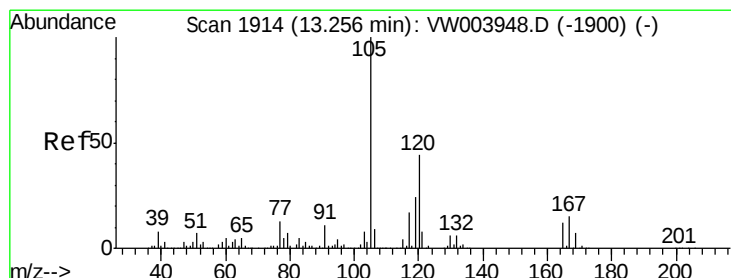
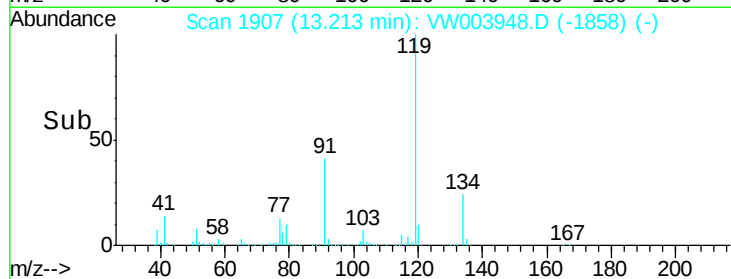
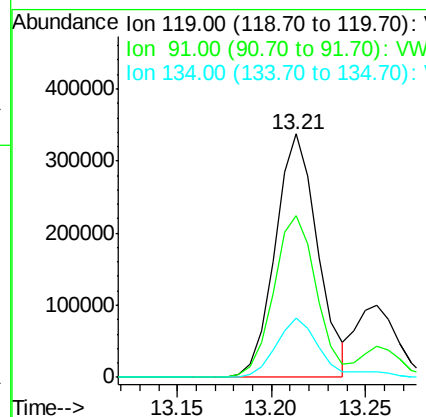
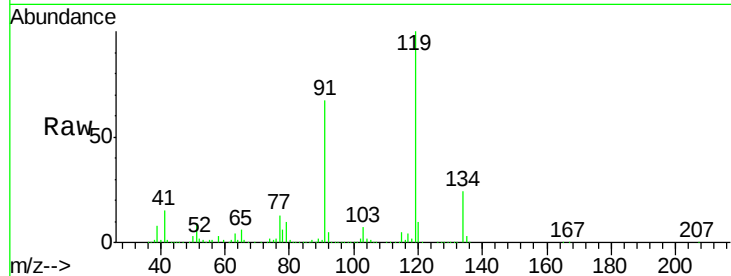




#83
 tert-Butylbenzene
 Concen: 53.10 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

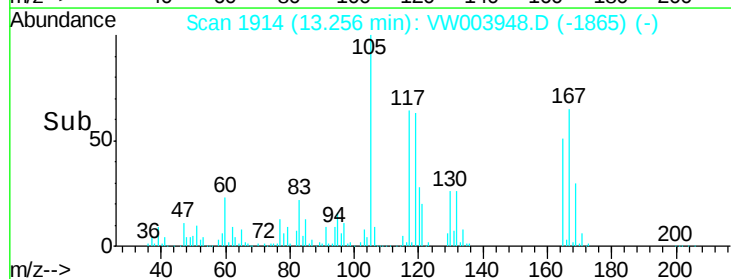
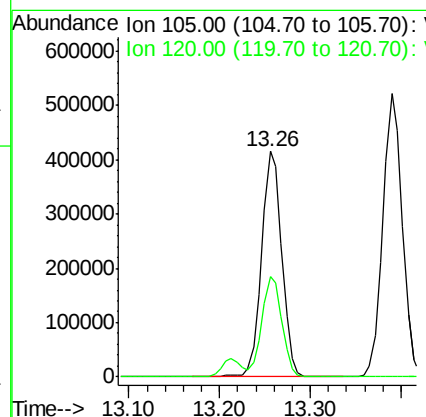
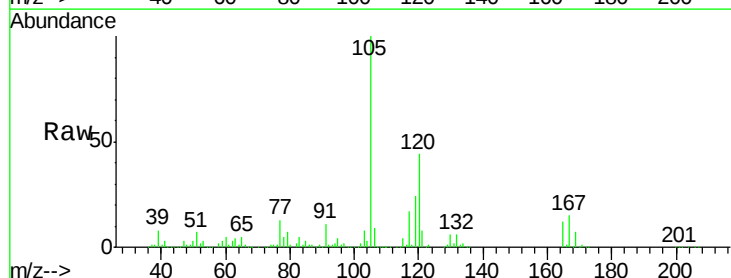
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

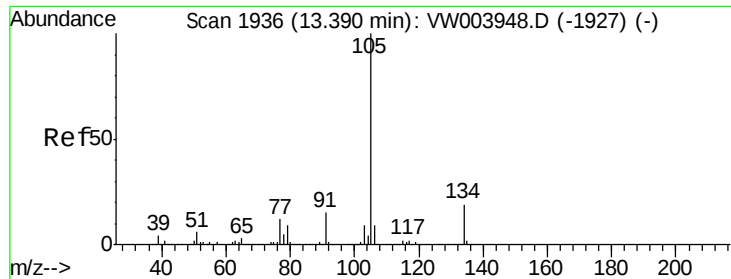
Tot Ion:119 Resp: 526975
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.2 99.6
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.26 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion:105 Resp: 638522
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.1

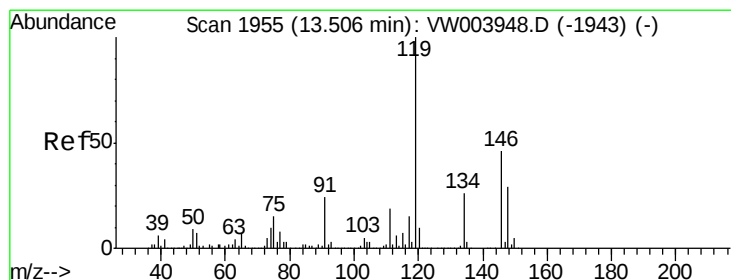
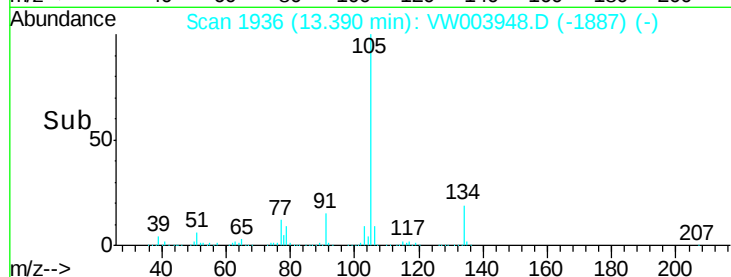
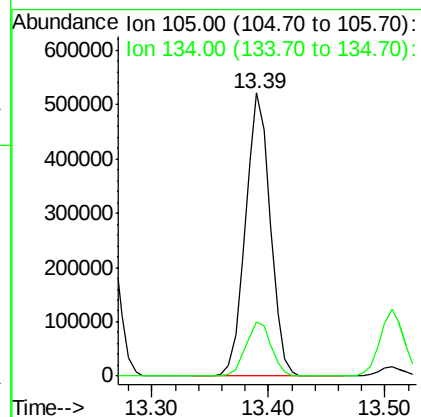
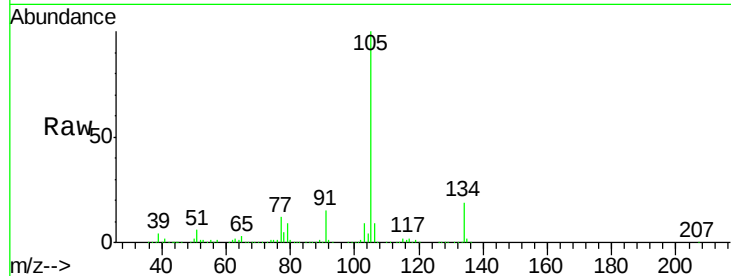




#85
 sec-Butylbenzene
 Concen: 52.11 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

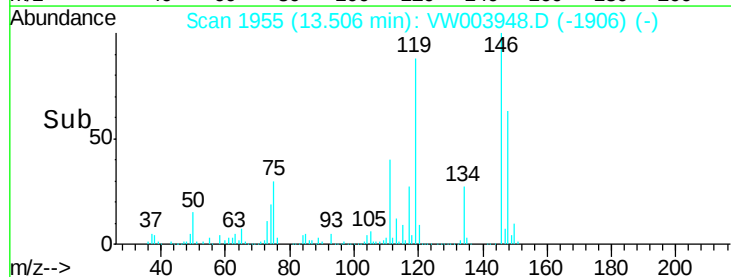
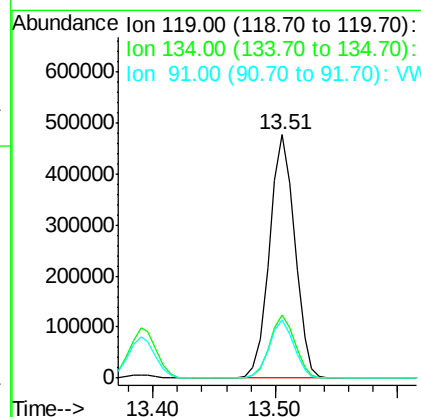
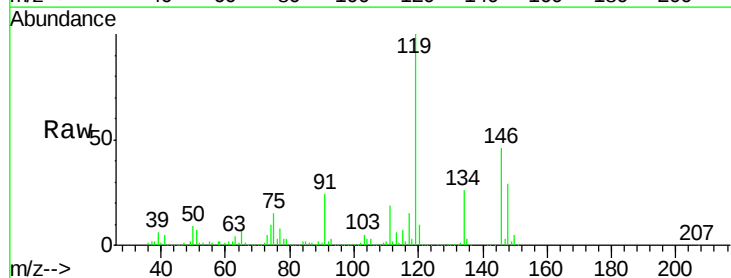
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

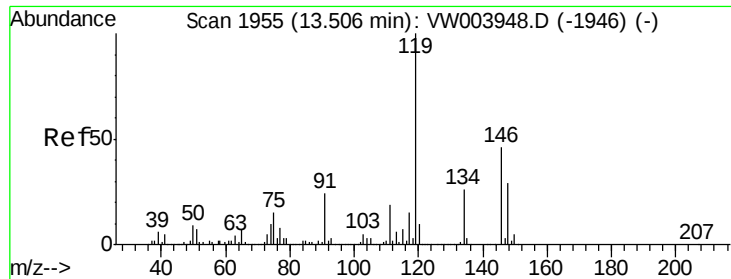
Tot Ion:105 Resp: 773841
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.90 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion:119 Resp: 686400
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.5 11.8 35.3

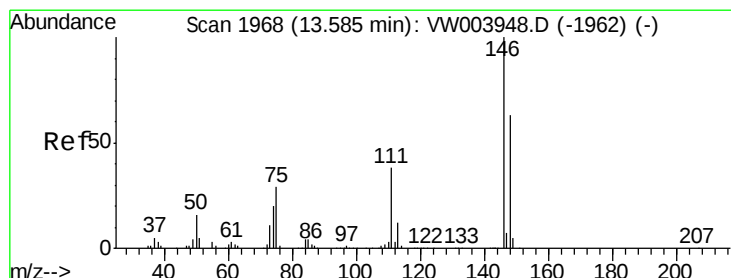
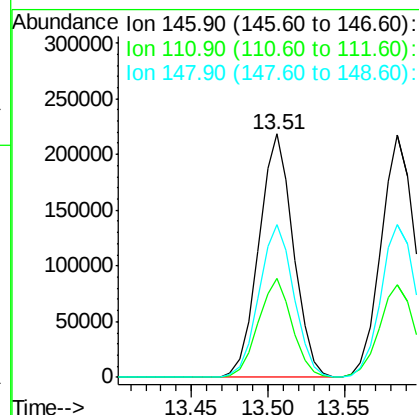
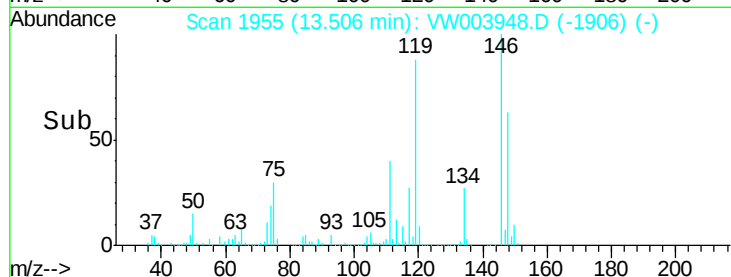
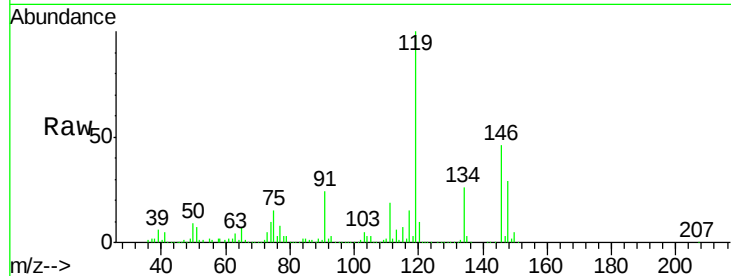




#87
 1,3-Dichlorobenzene
 Concen: 48.97 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

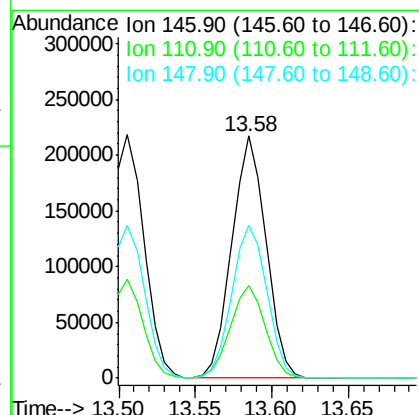
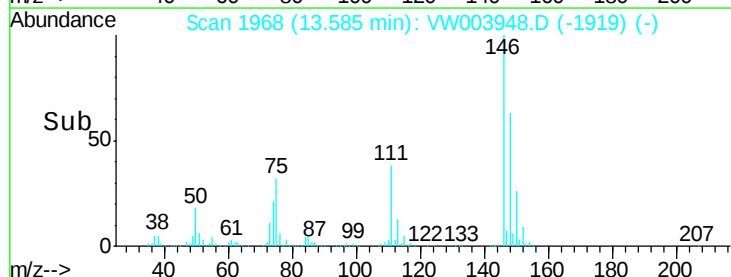
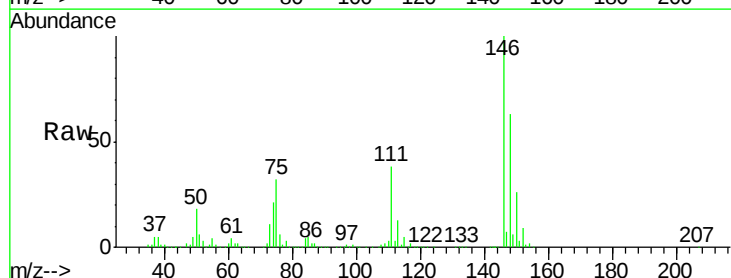
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

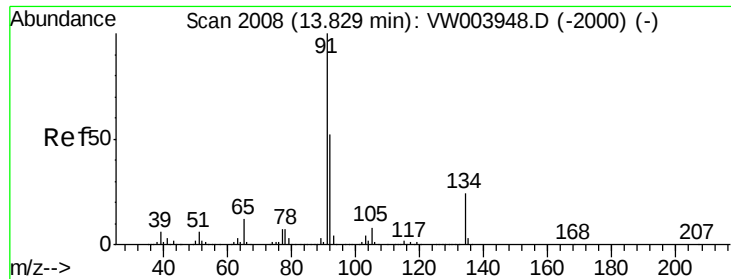
Tot Ion:146 Resp: 342448
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.03 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion:146 Resp: 336935
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 64.5 32.3 96.8

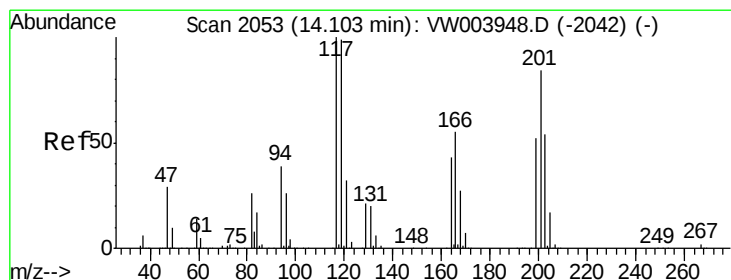
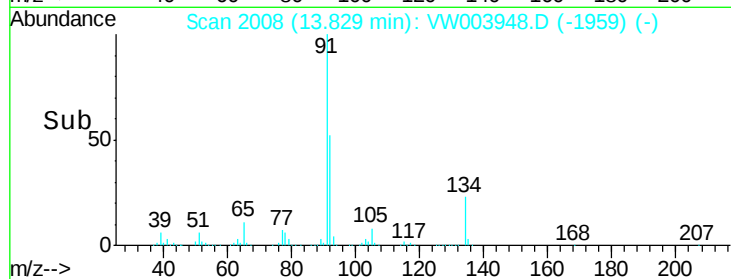
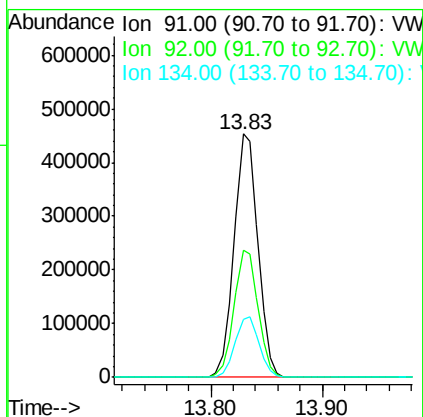
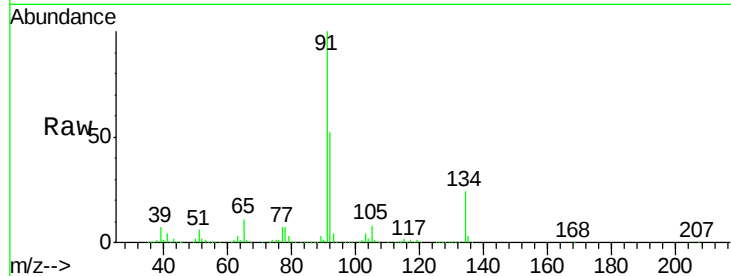




#89
n-Butylbenzene
Concen: 52.58 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

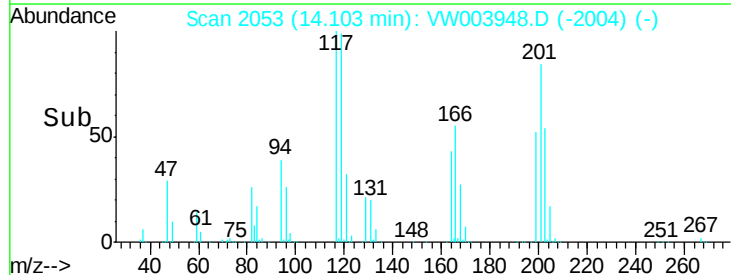
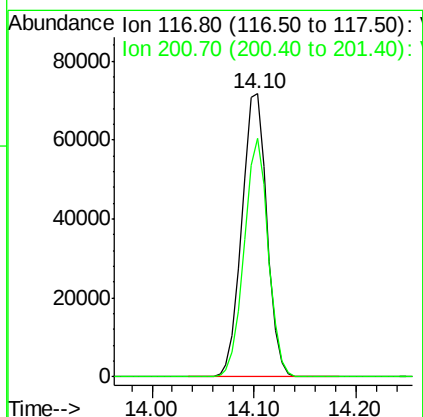
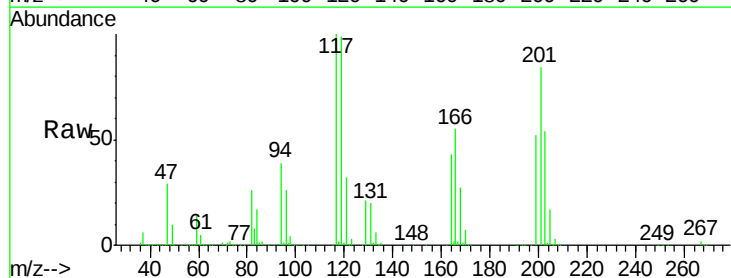
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

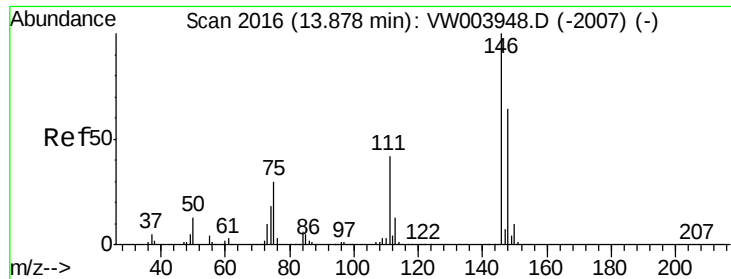
Tot Ion: 91 Resp: 672153
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 49.08 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003948.D
Acq: 16 Jul 2018 13:15

Tgt Ion: 117 Resp: 122264
Ion Ratio Lower Upper
117 100
201 80.6 40.3 120.9

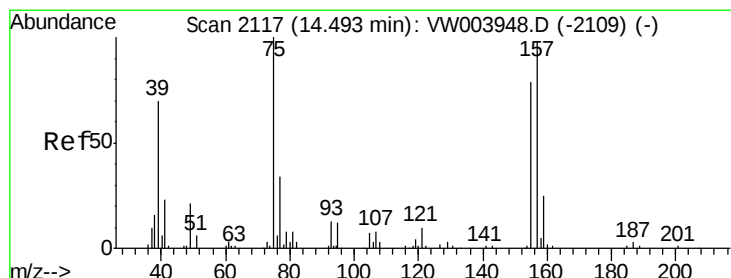
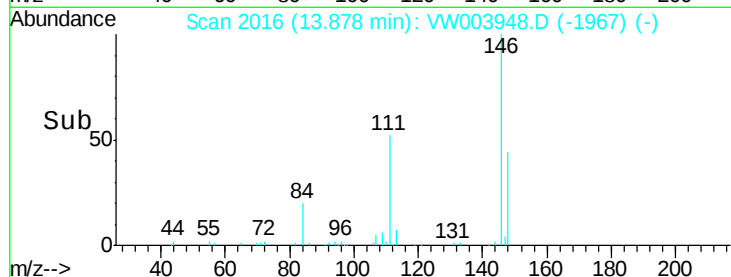
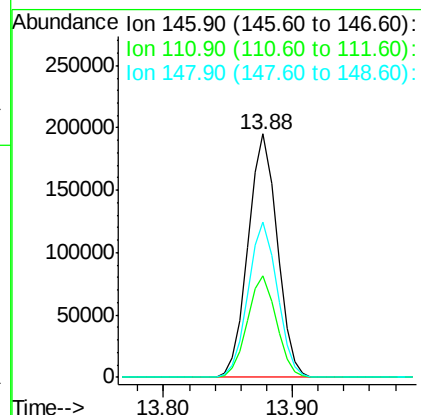
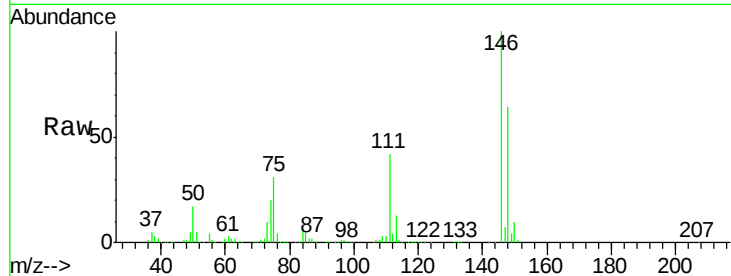




#91
 1,2-Dichlorobenzene
 Concen: 48.42 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

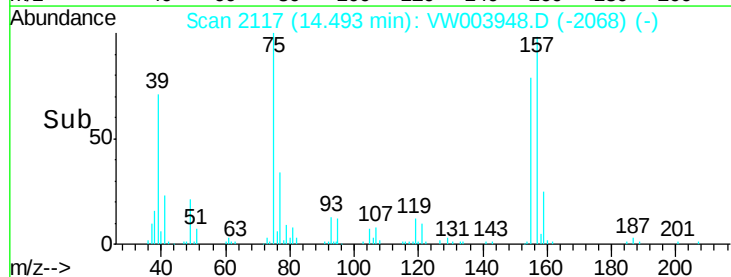
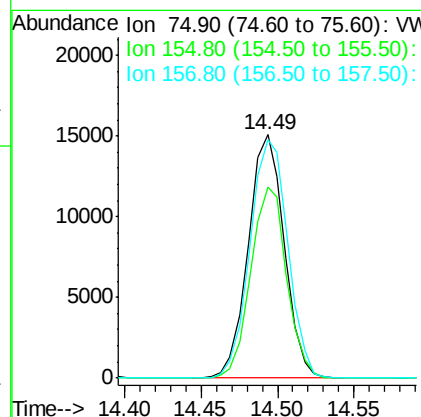
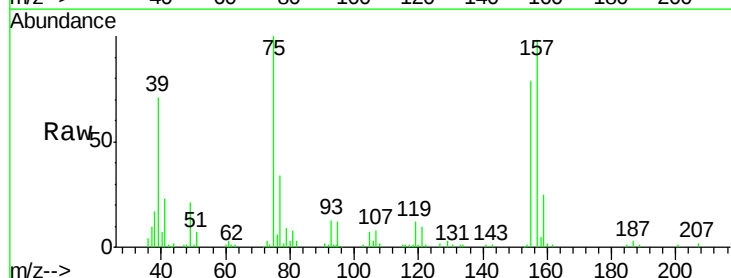
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

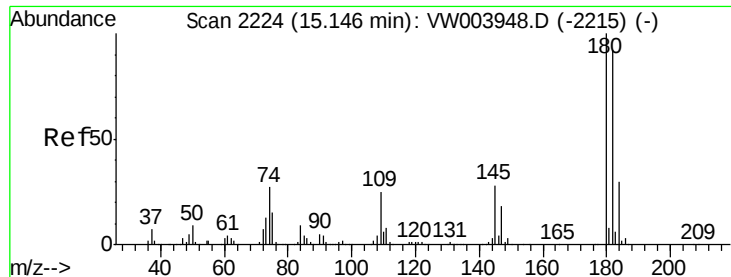
Tot Ion:146 Resp: 304011
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.56 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion: 75 Resp: 24547
 Ion Ratio Lower Upper
 75 100
 155 78.7 39.4 118.1
 157 103.6 51.8 155.4

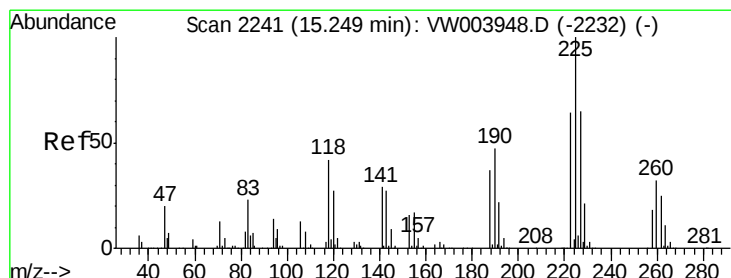
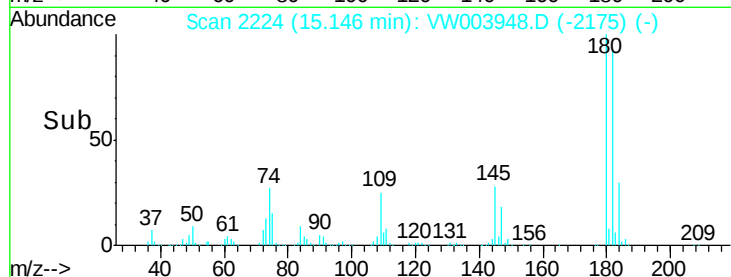
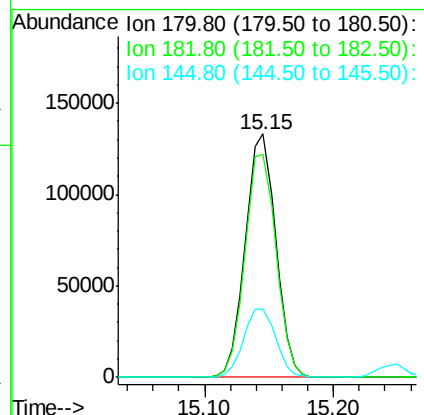
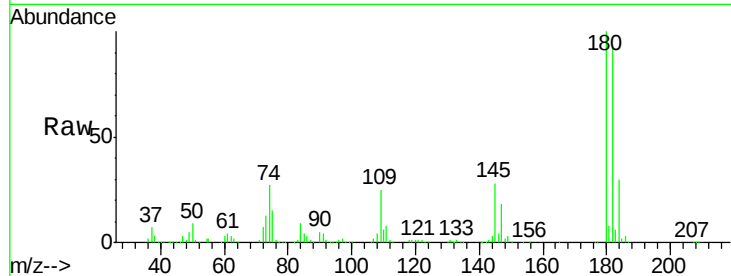




#93
 1,2,4-Trichlorobenzene
 Concen: 51.08 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

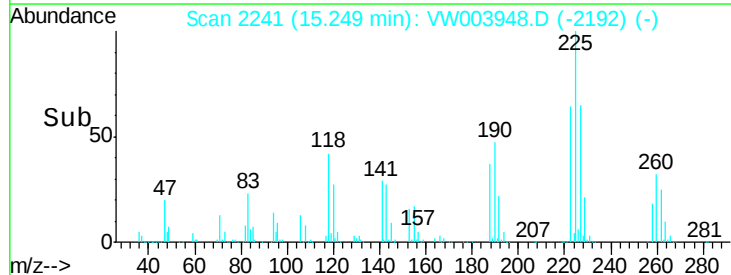
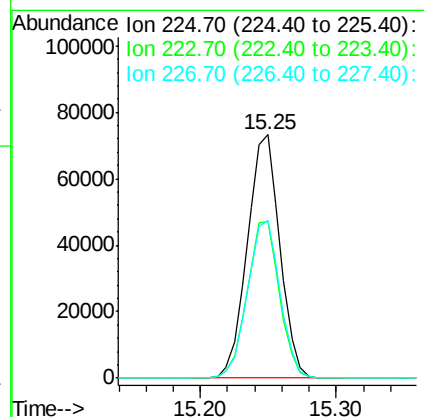
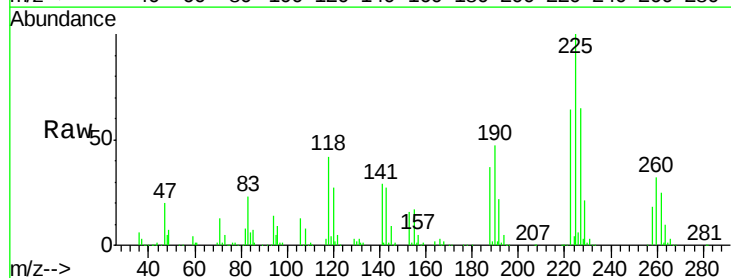
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

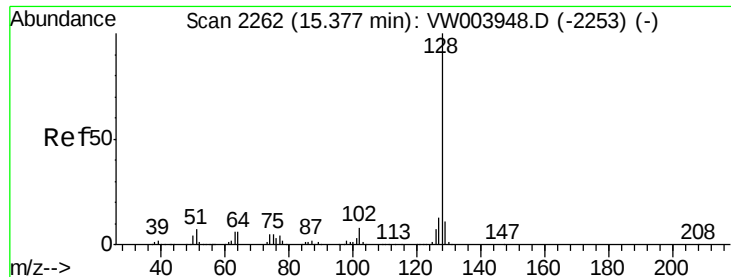
Tot Ion:180 Resp: 218060
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.8
 145 30.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 50.02 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003948.D
 Acq: 16 Jul 2018 13:15

Tgt Ion:225 Resp: 122618
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.0 96.2
 227 64.6 32.3 96.9





#95

Naphthalene

Concen: 55.14 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

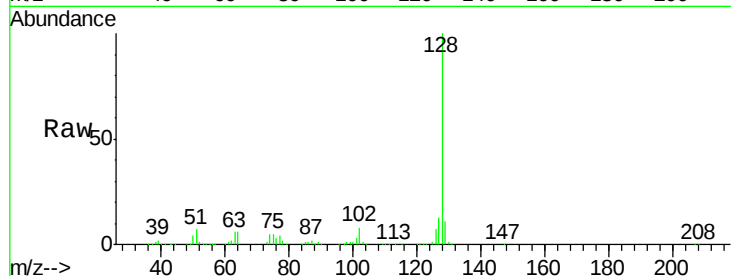
Tot Ion:128 Resp: 418462

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

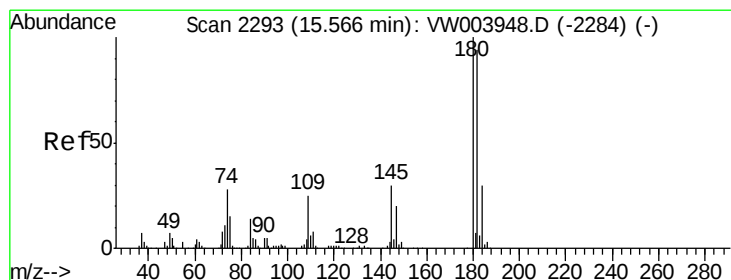
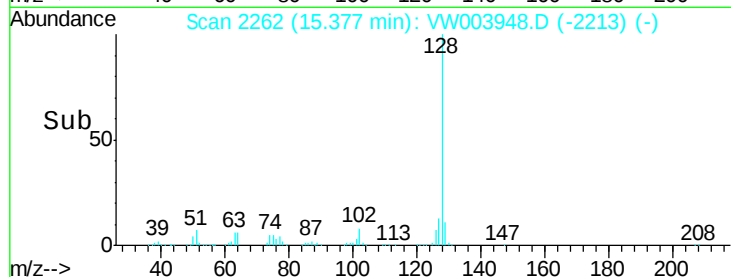
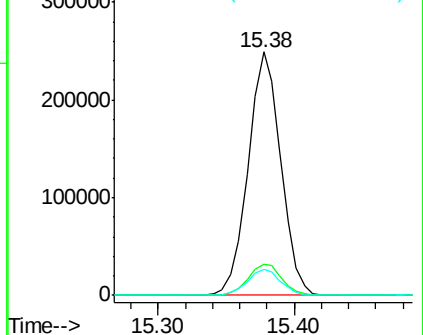
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70):

Ion 127.00 (126.70 to 127.70):

Ion 129.00 (128.70 to 129.70):



#96

1,2,3-Trichlorobenzene

Concen: 50.84 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW003948.D

Acq: 16 Jul 2018 13:15

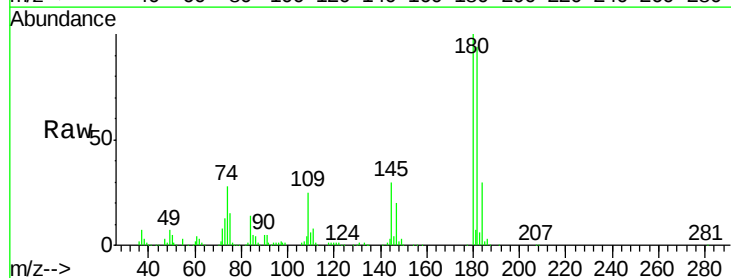
Tgt Ion:180 Resp: 193619

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 31.6 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50):

Ion 181.80 (181.50 to 182.50):

Ion 144.90 (144.60 to 145.60):

