

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
 Data File : VW004738.D
 Acq On : 17 Aug 2018 17:12
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 18 01:27:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	723794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1076290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	995870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	538093	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	348139	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.88	113	350166	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.33	98	1377397	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.62	95	497240	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	224737	46.875	ug/l	100
3) Chloromethane	2.22	50	276605	44.126	ug/l	100
4) Vinyl Chloride	2.37	62	423427	45.891	ug/l	100
5) Bromomethane	2.78	94	259657	45.566	ug/l	100
6) Chloroethane	2.93	64	259222	46.561	ug/l	100
7) Trichlorofluoromethane	3.26	101	200502	46.126	ug/l	100
8) Diethyl Ether	3.67	74	186717	47.509	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	352627	47.110	ug/l	100
10) Methyl Iodide	4.27	142	543345	47.798	ug/l	100
11) Tert butyl alcohol	5.19	59	92443	234.615	ug/l	100
12) 1,1-Dichloroethene	4.03	96	350983	47.056	ug/l	100
13) Acrolein	3.89	56	121443	231.487	ug/l	100
14) Allyl chloride	4.66	41	550054	48.594	ug/l	100
15) Acrylonitrile	5.37	53	409594	248.511	ug/l	100
16) Acetone	4.12	43	419556	234.871	ug/l	100
17) Carbon Disulfide	4.37	76	1158172	47.249	ug/l	100
18) Methyl Acetate	4.67	43	190090	49.658	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	495473	51.173	ug/l	100
20) Methylene Chloride	4.92	84	390240	40.027	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	386297	48.676	ug/l	100
22) Diisopropyl ether	6.31	45	1098985	50.513	ug/l	100
23) Vinyl Acetate	6.26	43	3183461	258.689	ug/l	100
24) 1,1-Dichloroethane	6.21	63	679950	48.093	ug/l	100
25) 2-Butanone	7.18	43	627844	246.680	ug/l	100
26) 2,2-Dichloropropane	7.17	77	381884	46.765	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	419854	49.142	ug/l	100
28) Bromochloromethane	7.51	49	304431	51.133	ug/l	100
29) Tetrahydrofuran	7.53	42	332079	255.869	ug/l	100
30) Chloroform	7.68	83	667840	48.029	ug/l	100
31) Cyclohexane	7.96	56	646646	47.286	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	530495	48.129	ug/l	100
36) 1,1-Dichloropropene	8.08	75	545457	49.195	ug/l	100
37) Ethyl Acetate	7.26	43	225891	51.108	ug/l	100
38) Carbon Tetrachloride	8.07	117	498777	48.870	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	710198	51.219	ug/l	100
40) Benzene	8.32	78	1585139	49.193	ug/l	100
41) Methacrylonitrile	7.49	41	132124	52.673	ug/l	100
42) 1,2-Dichloroethane	8.40	62	405096	49.026	ug/l	100
43) Isopropyl Acetate	8.43	43	398282	50.167	ug/l	100
44) Trichloroethene	9.09	130	399673	48.862	ug/l	100
45) 1,2-Dichloropropane	9.37	63	386235	49.002	ug/l	100
46) Dibromomethane	9.46	93	191878	49.138	ug/l	100
47) Bromodichloromethane	9.65	83	462978	49.645	ug/l	100
48) Methyl methacrylate	9.44	41	191164	51.315	ug/l	100
49) 1,4-Dioxane	9.46	88	58290	1021.740	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1381428	257.460	ug/l	100
52) Toluene	10.39	92	959746	49.662	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	470516	50.078	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	559231	49.926	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	272297	49.057	ug/l	100
56) Ethyl methacrylate	10.65	69	345989	52.767	ug/l	100
57) 1,3-Dichloropropane	10.93	76	471057	49.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	791831	258.313	ug/l	100
59) 2-Hexanone	10.98	43	946266	260.281	ug/l	100
60) Dibromochloromethane	11.13	129	311519	50.023	ug/l	100
61) 1,2-Dibromoethane	11.24	107	261358	49.260	ug/l	100
64) Tetrachloroethene	10.87	164	334232	49.109	ug/l	100
65) Chlorobenzene	11.66	112	1052497	49.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	356025	49.193	ug/l	100
67) Ethyl Benzene	11.74	91	1855837	51.073	ug/l	100
68) m/p-Xylenes	11.85	106	1449238	102.513	ug/l	100
69) o-Xylene	12.17	106	673509	51.463	ug/l	100
70) Styrene	12.19	104	1148906	52.261	ug/l	100
71) Bromoform	12.35	173	192382	50.362	ug/l #	100
73) Isopropylbenzene	12.47	105	1878076	51.303	ug/l	100
74) N-amyl acetate	12.28	43	387615	50.511	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	332654	49.054	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	433838	54.432	ug/l #	100
77) Bromobenzene	12.75	156	434636	49.052	ug/l	100
78) n-propylbenzene	12.81	91	2296739	51.415	ug/l	100
79) 2-Chlorotoluene	12.90	91	1286110	49.949	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1600419	51.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	103648	50.788	ug/l	100
82) 4-Chlorotoluene	12.99	91	1372066	50.152	ug/l	100
83) tert-Butylbenzene	13.21	119	1367455	51.407	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1651411	51.612	ug/l	100
85) sec-Butylbenzene	13.39	105	2041509	51.404	ug/l	100
86) p-Isopropyltoluene	13.51	119	1784903	51.652	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	880062	48.829	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	878376	48.755	ug/l	100
89) n-Butylbenzene	13.83	91	1720170	51.485	ug/l	100
90) Hexachloroethane	14.10	117	307040	48.746	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	795873	49.163	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52312	49.358	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:25:38 2018
Response via : Initial Calibration

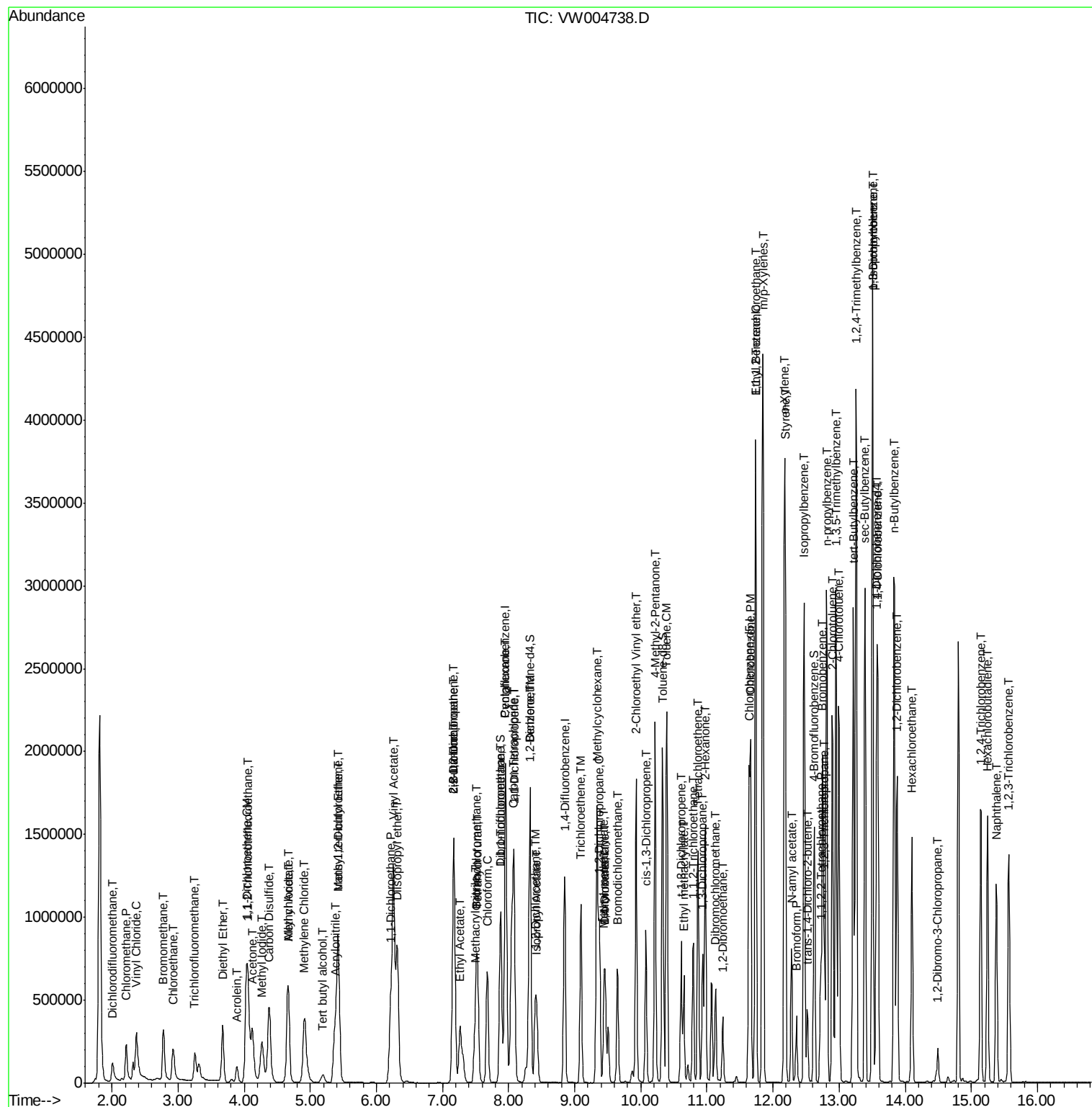
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	571604	49.923	ug/l	100
94) Hexachlorobutadiene	15.25	225	344183	48.974	ug/l	100
95) Naphthalene	15.38	128	1027627	51.898	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	507884	50.021	ug/l	100

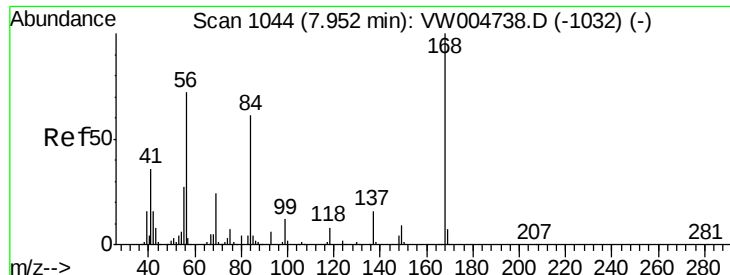
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

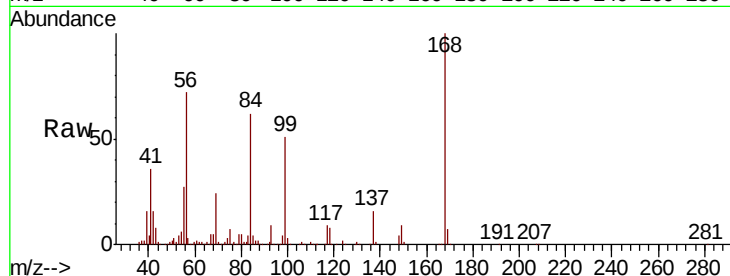
VSTDICCC050

Tgt Ion:168 Resp: 723794

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

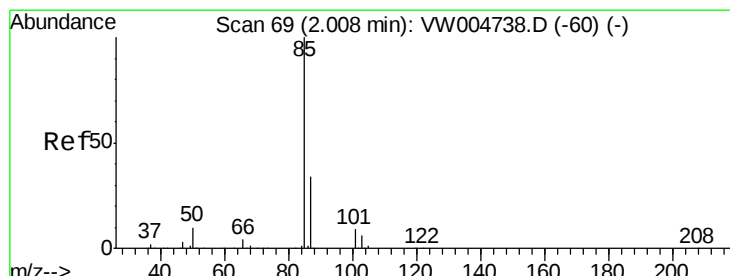
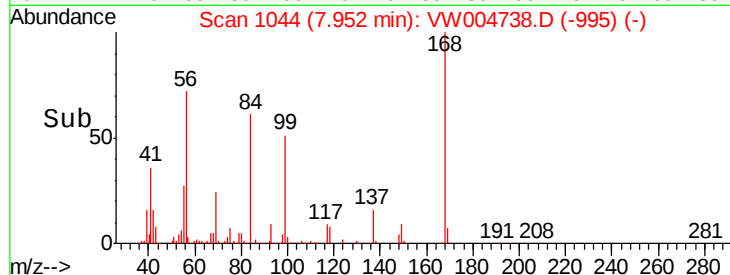
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.875 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004738.D

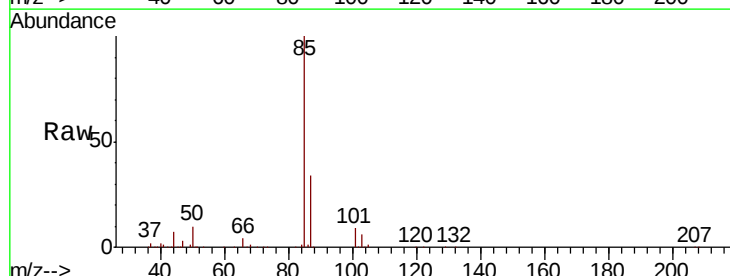
Acq: 17 Aug 2018 17:12

Tgt Ion: 85 Resp: 224737

Ion Ratio Lower Upper

85 100

87 33.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

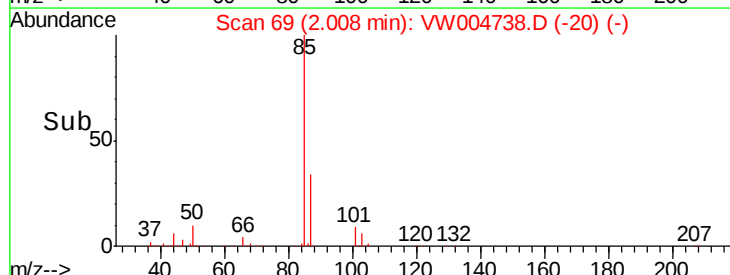
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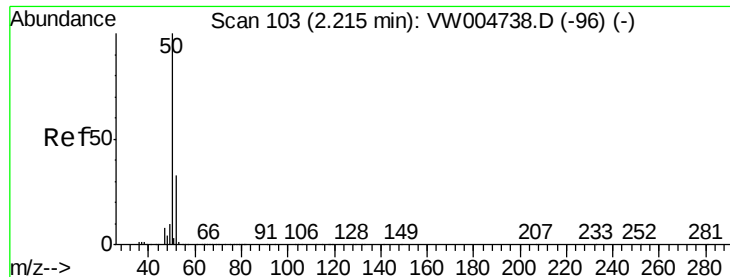
40000

20000

0

Time-->





#3

Chloromethane

Concen: 44.126 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

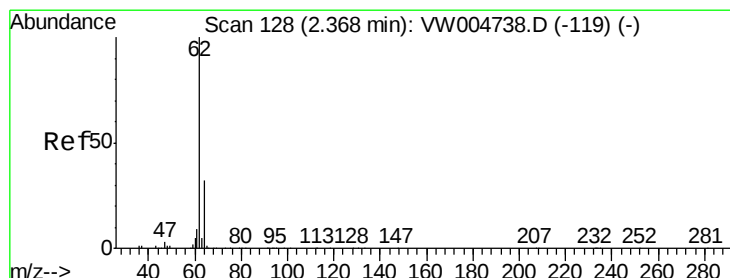
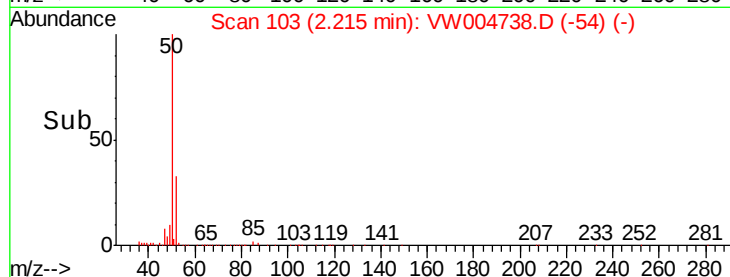
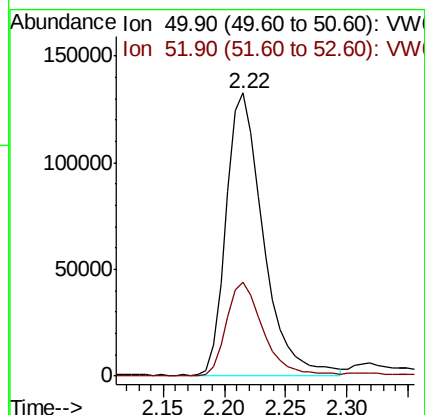
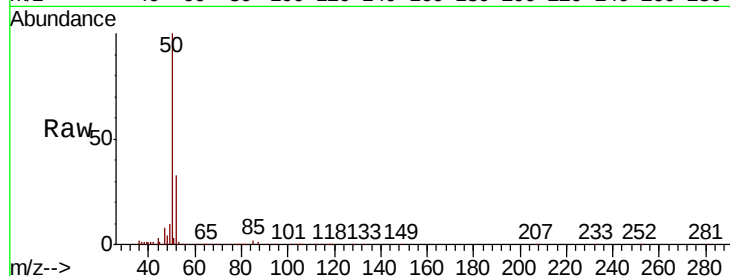
VSTDICCC050

Tgt Ion: 50 Resp: 276605

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 45.891 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004738.D

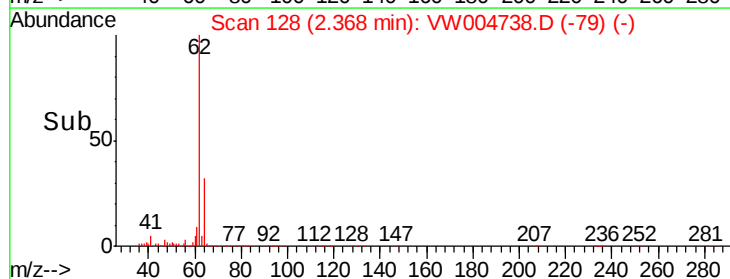
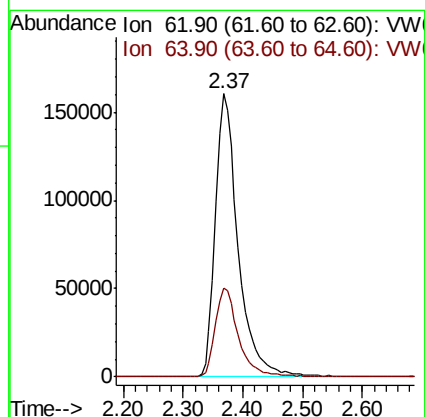
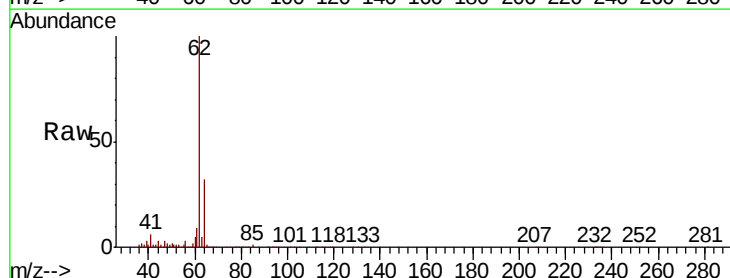
Acq: 17 Aug 2018 17:12

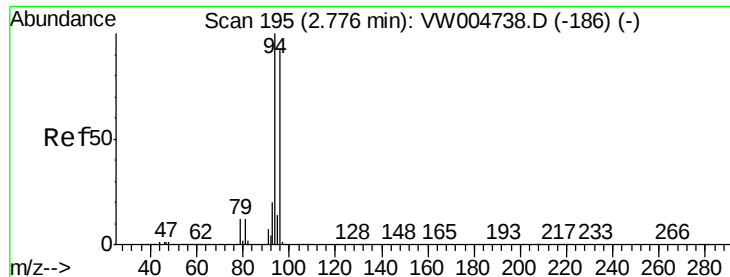
Tgt Ion: 62 Resp: 423427

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 45.566 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

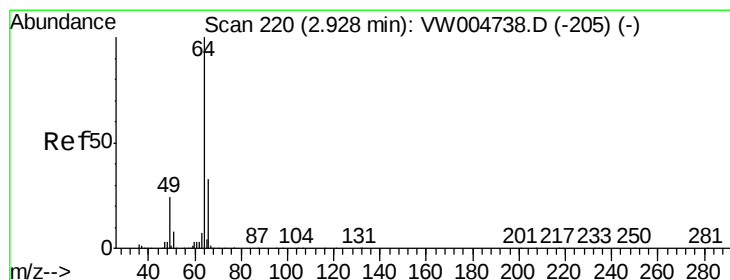
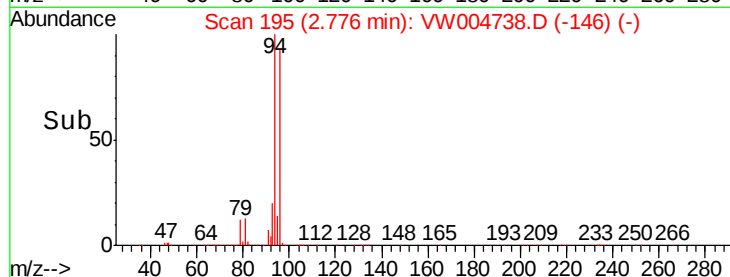
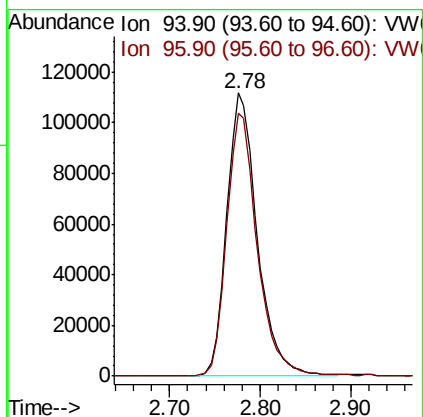
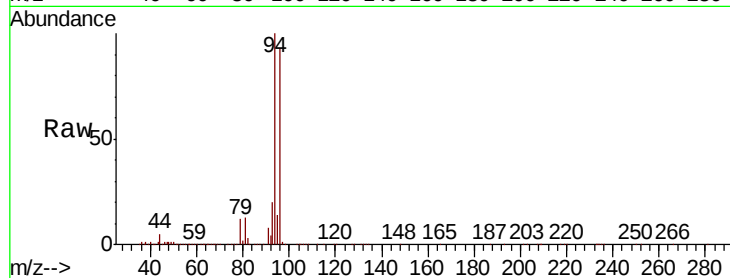
VSTDICCC050

Tgt Ion: 94 Resp: 259657

Ion Ratio Lower Upper

94 100

96 92.9 74.3 111.5



#6

Chloroethane

Concen: 46.561 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004738.D

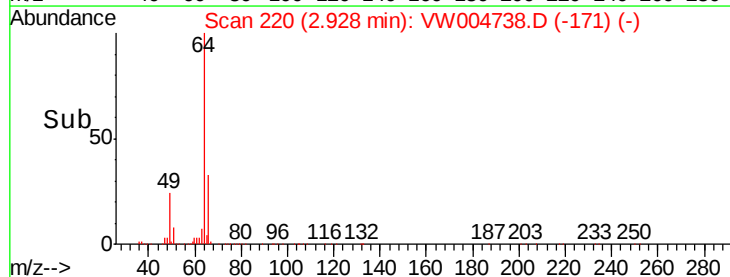
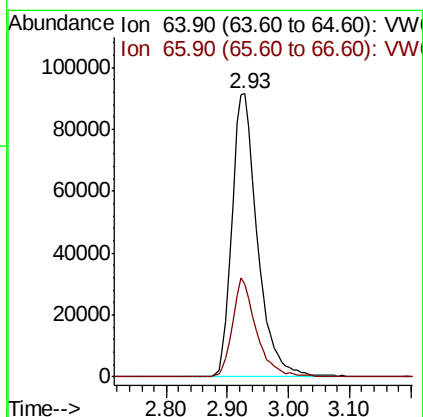
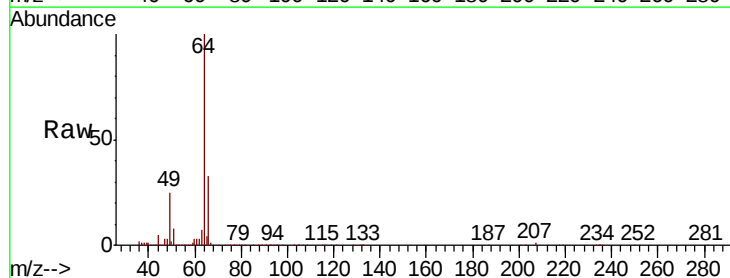
Acq: 17 Aug 2018 17:12

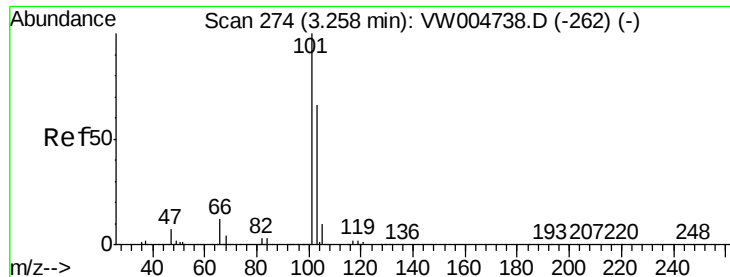
Tgt Ion: 64 Resp: 259222

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1



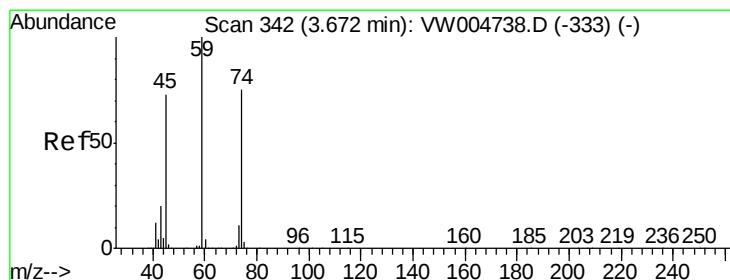
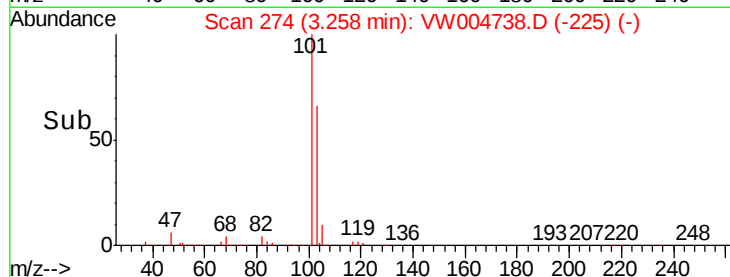
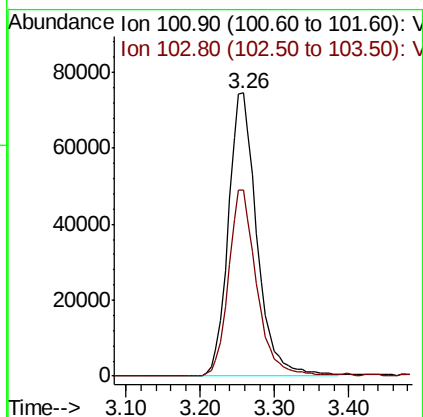
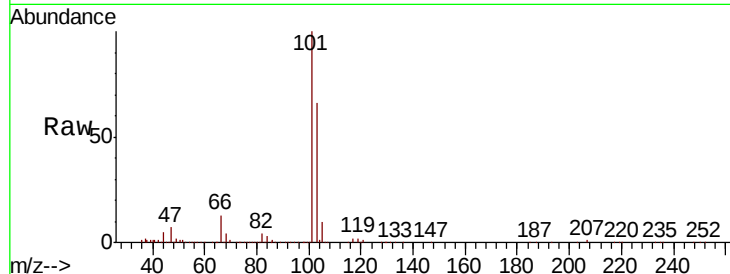


#7

Trichlorofluoromethane
 Concen: 46.126 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Instrument :
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 VSTDICCC050

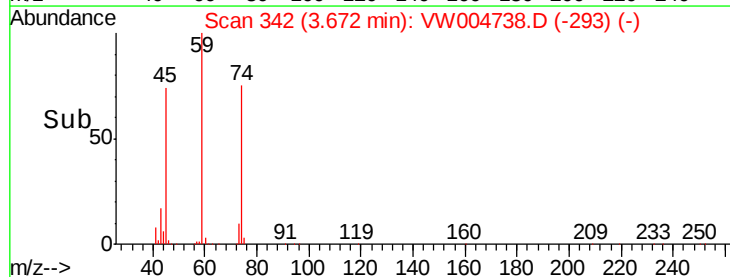
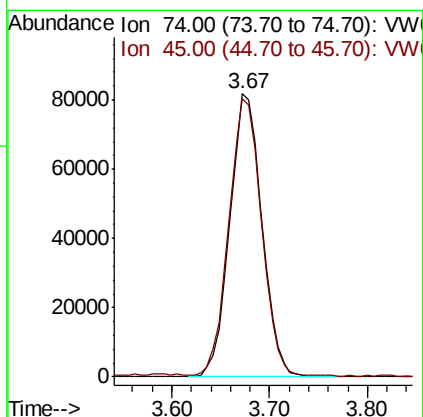
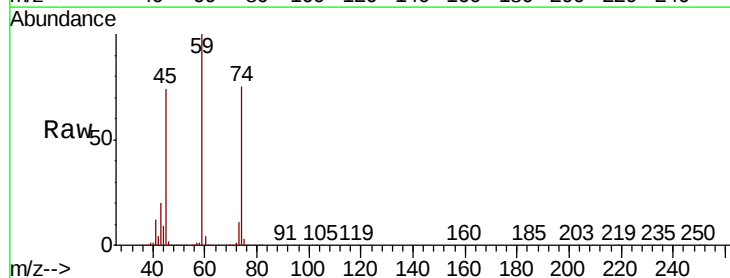
Tgt Ion:101 Resp: 200502
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7

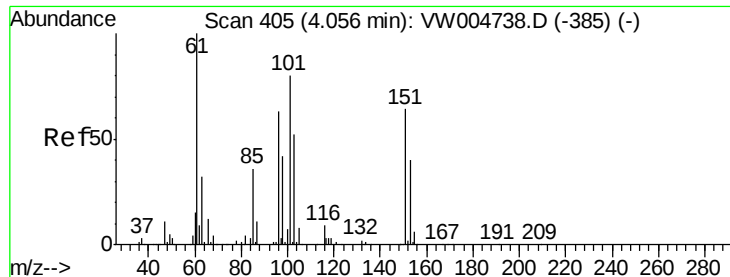


#8

Diethyl Ether
 Concen: 47.509 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion: 74 Resp: 186717
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.110 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

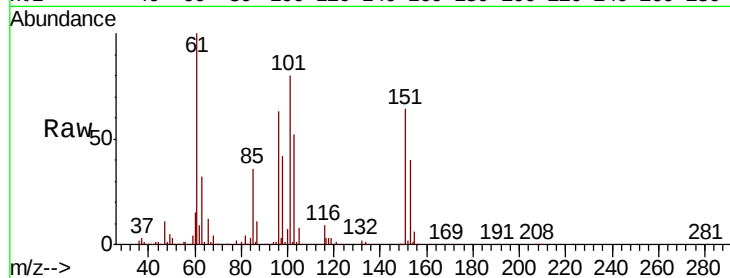
Tgt Ion:101 Resp: 352627

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

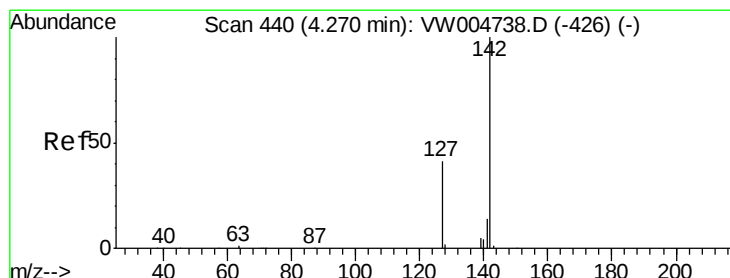
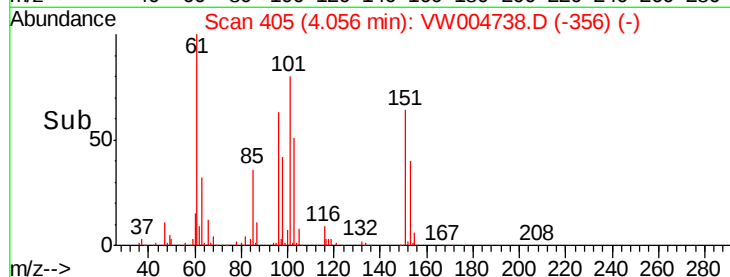
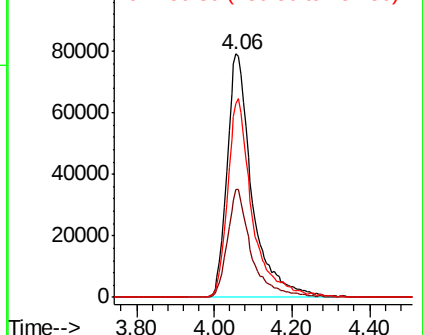
151 79.3 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.798 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

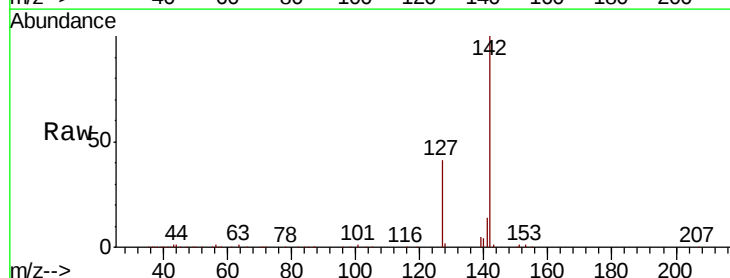
Tgt Ion:142 Resp: 543345

Ion Ratio Lower Upper

142 100

127 40.1 32.1 48.1

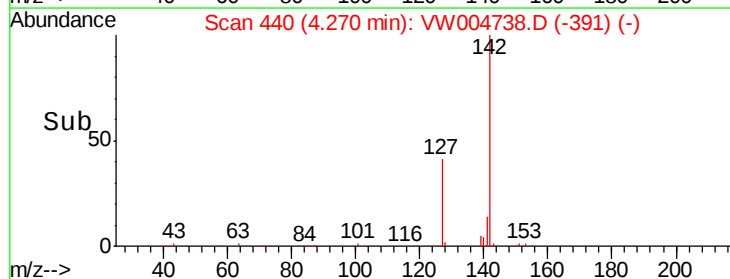
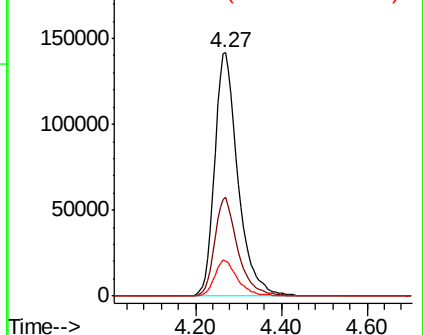
141 14.6 11.7 17.5

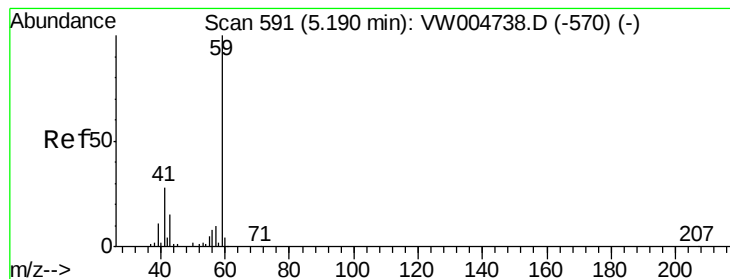


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



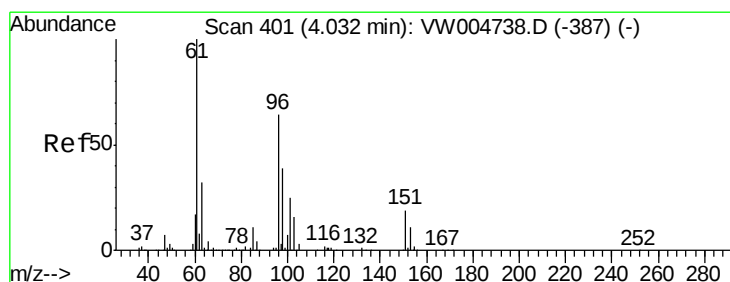
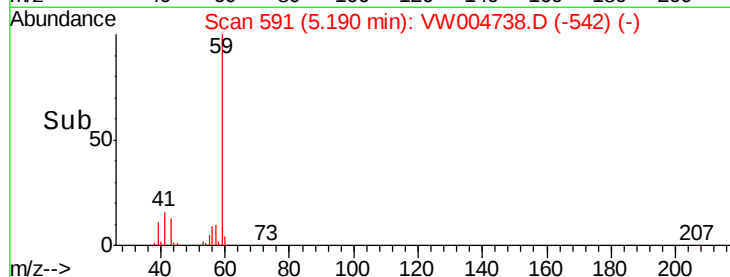
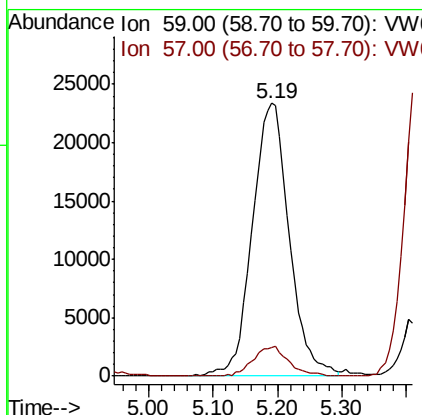
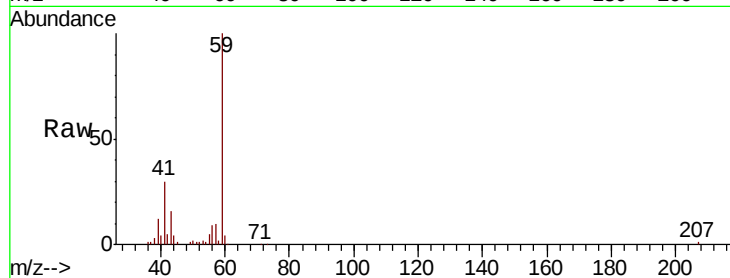


#11

Tert butyl alcohol
 Concen: 234.615 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

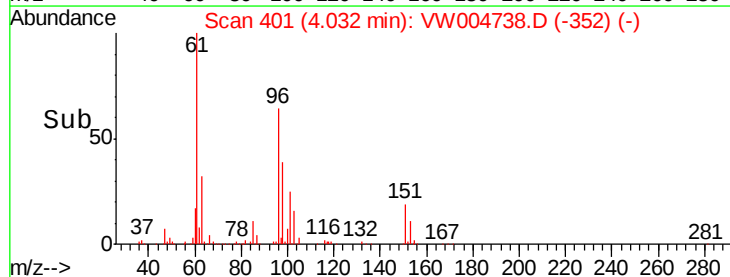
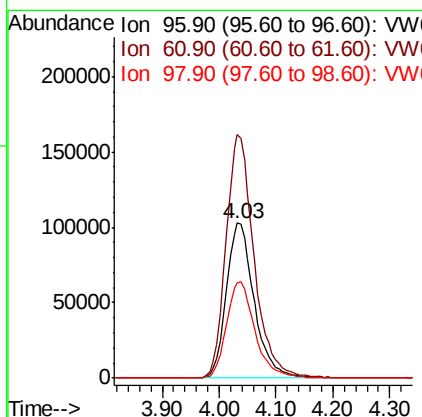
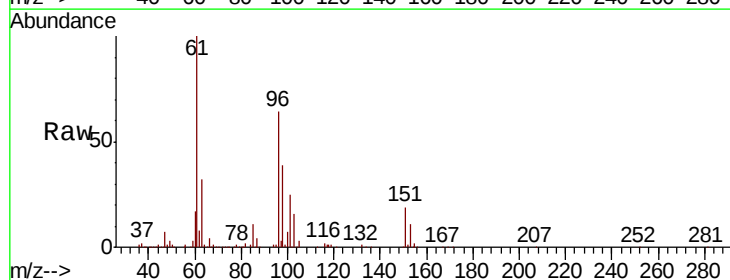
Tgt Ion: 59 Resp: 92443
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

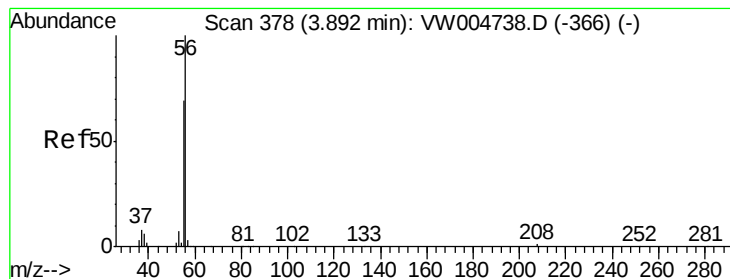


#12

1,1-Dichloroethene
 Concen: 47.056 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion: 96 Resp: 350983
 Ion Ratio Lower Upper
 96 100
 61 157.0 125.6 188.4
 98 61.7 49.4 74.0





#13

Acrolein

Concen: 231.487 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

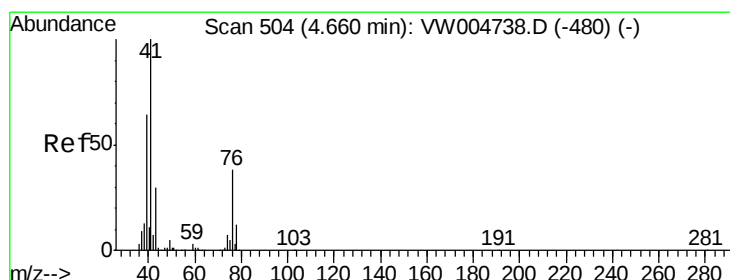
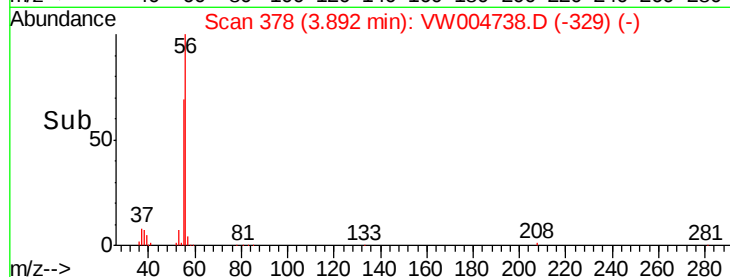
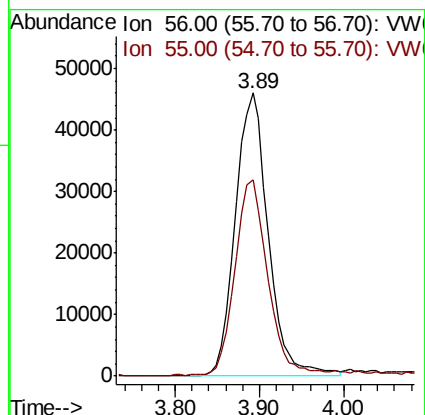
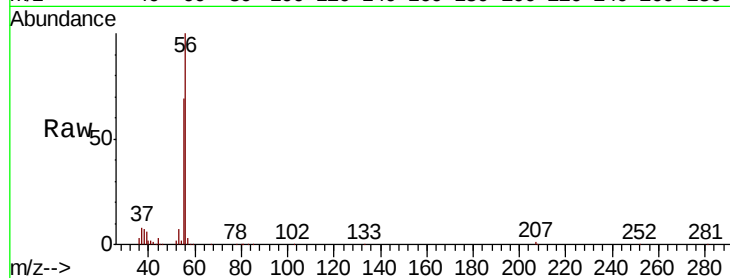
VSTDICCC050

Tgt Ion: 56 Resp: 121443

Ion Ratio Lower Upper

56 100

55 70.1 56.1 84.1



#14

Allyl chloride

Concen: 48.594 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

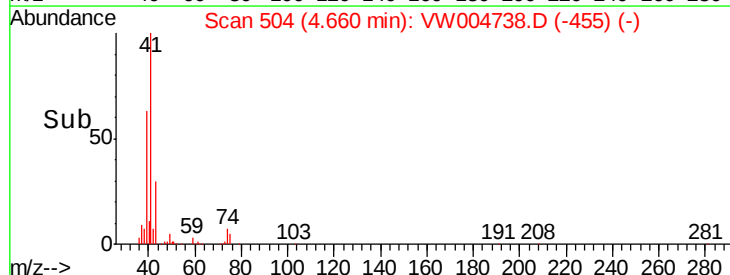
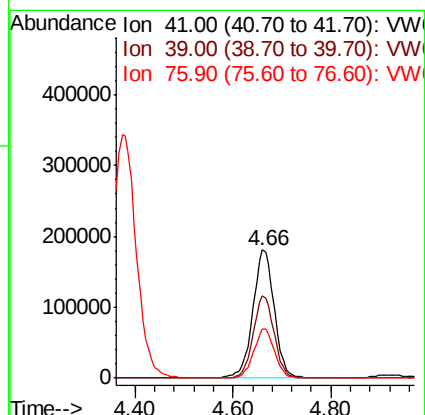
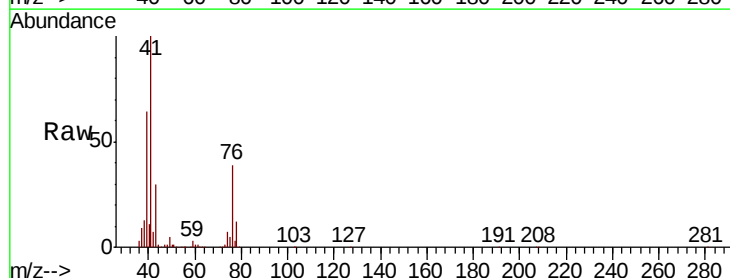
Tgt Ion: 41 Resp: 550054

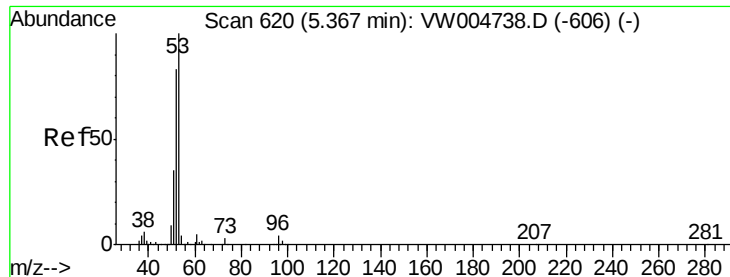
Ion Ratio Lower Upper

41 100

39 62.5 50.0 75.0

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 248.511 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

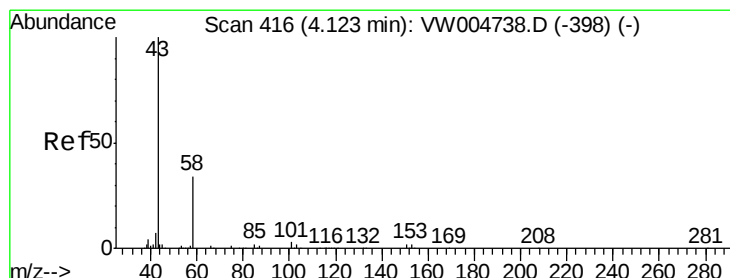
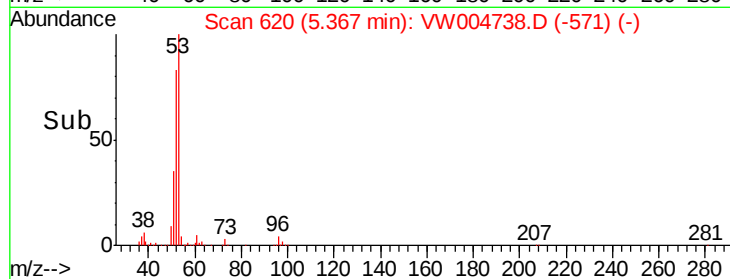
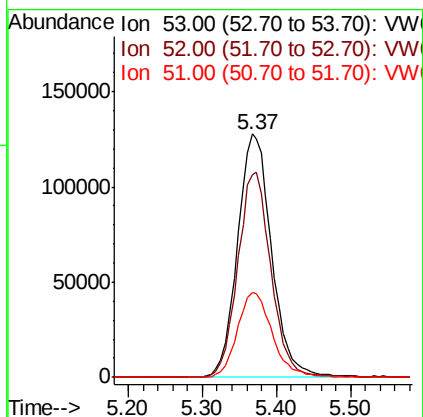
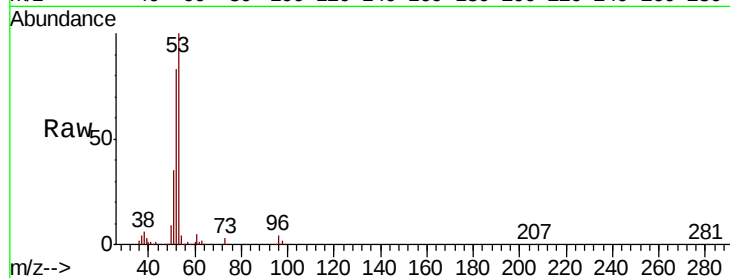
Tgt Ion: 53 Resp: 409594

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.6

51 35.9 28.7 43.1



#16

Acetone

Concen: 234.871 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004738.D

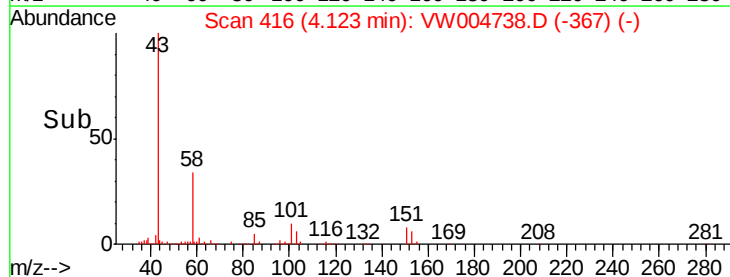
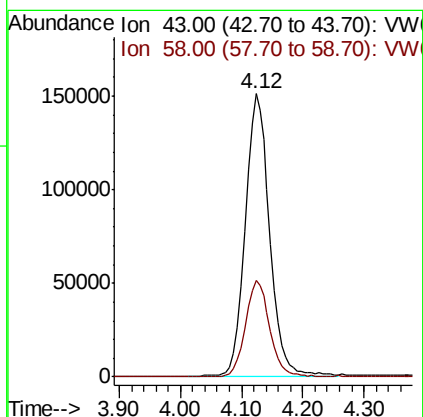
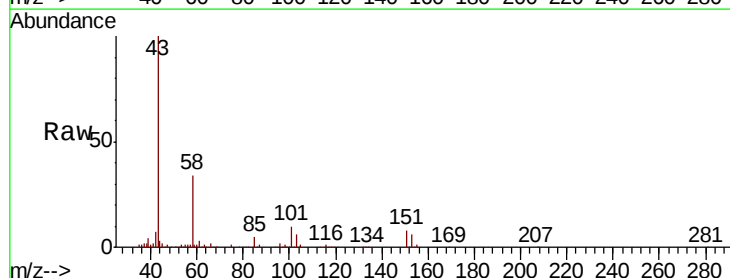
Acq: 17 Aug 2018 17:12

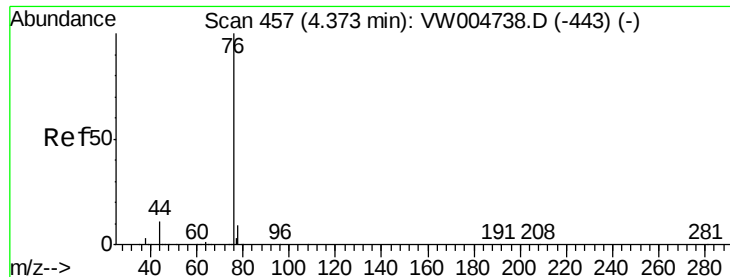
Tgt Ion: 43 Resp: 419556

Ion Ratio Lower Upper

43 100

58 34.1 27.3 40.9





#17

Carbon Disulfide

Concen: 47.249 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

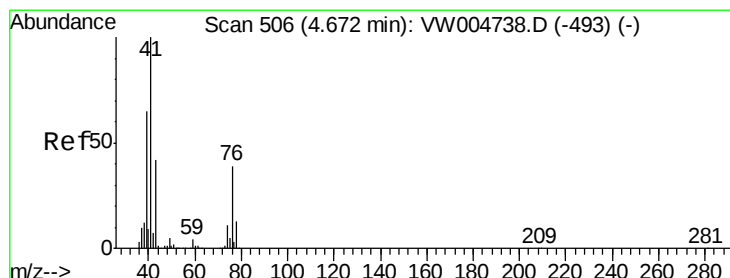
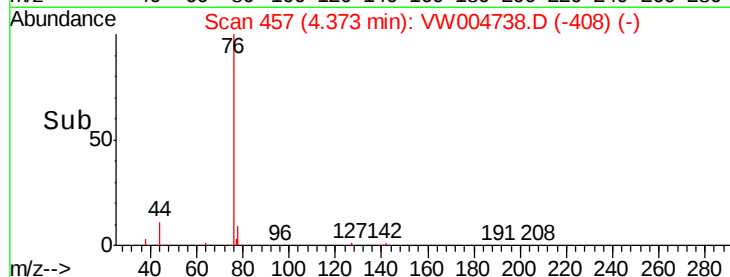
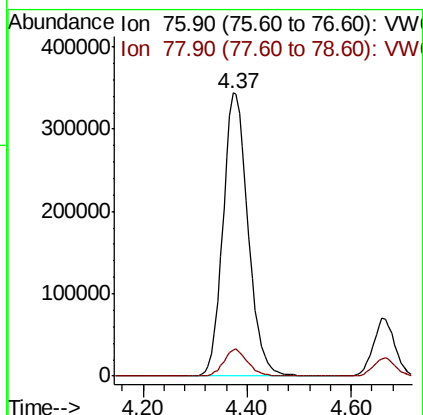
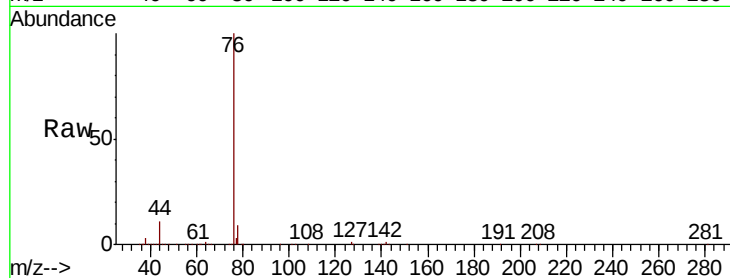
VSTDICCC050

Tgt Ion: 76 Resp: 1158172

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 49.658 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004738.D

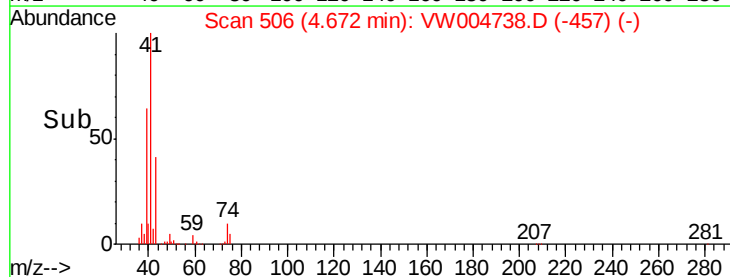
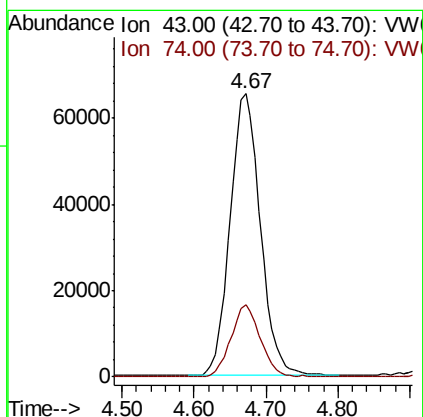
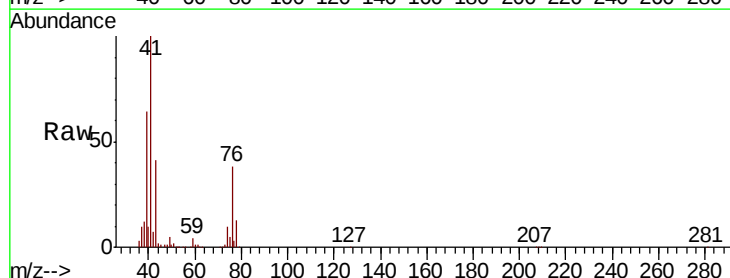
Acq: 17 Aug 2018 17:12

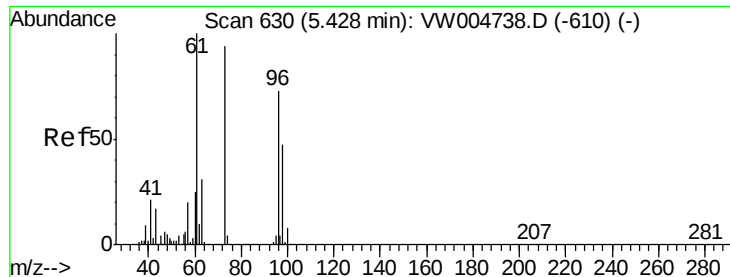
Tgt Ion: 43 Resp: 190090

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.8



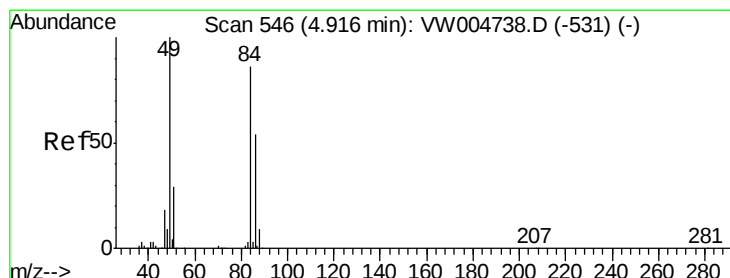
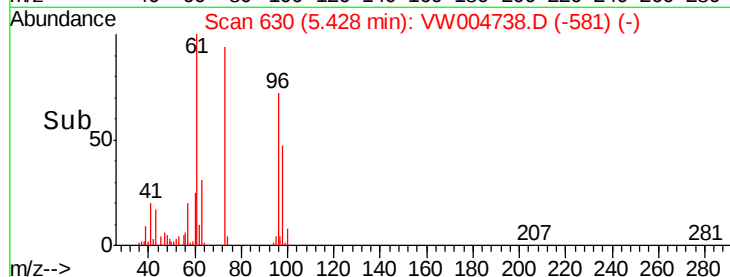
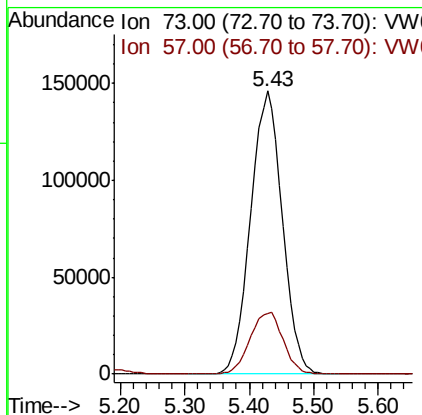
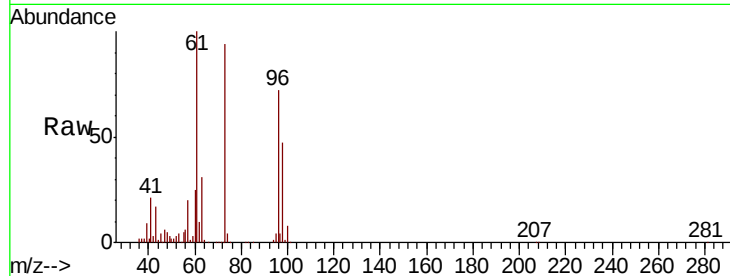


#19

Methyl tert-butyl Ether
 Concen: 51.173 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

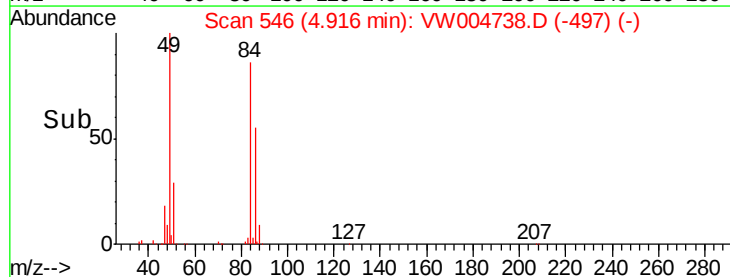
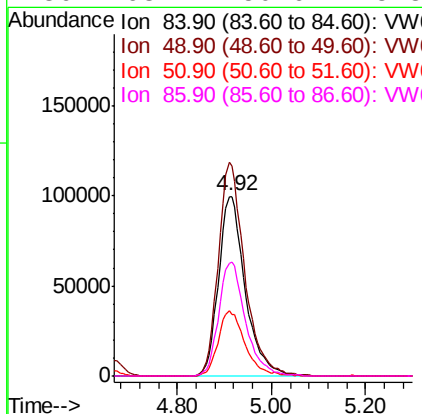
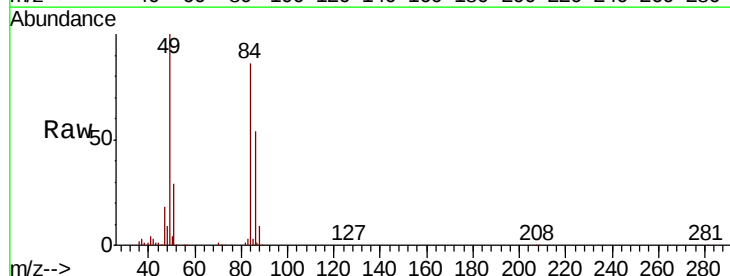
Tgt Ion: 73 Resp: 495473
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.3 25.9

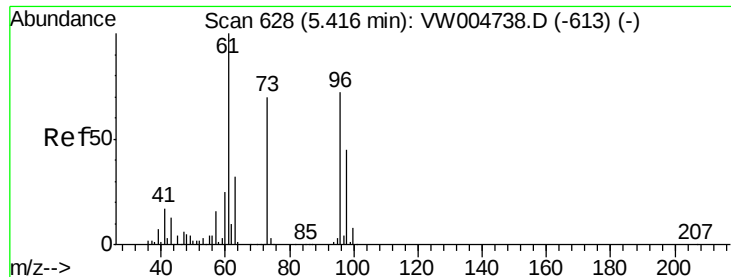


#20

Methylene Chloride
 Concen: 40.027 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion: 84 Resp: 390240
 Ion Ratio Lower Upper
 84 100
 49 116.5 93.2 139.8
 51 34.2 27.4 41.0
 86 63.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.676 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

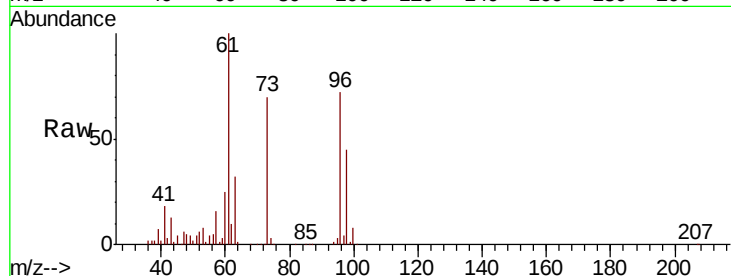
Tgt Ion: 96 Resp: 386297

Ion Ratio Lower Upper

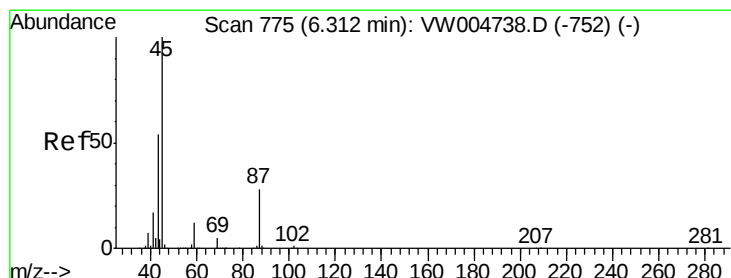
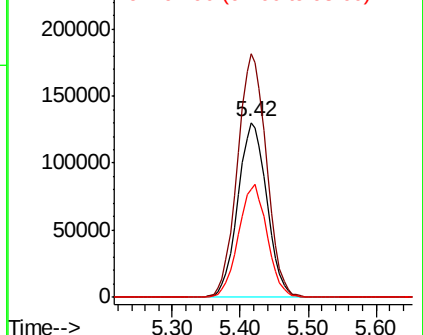
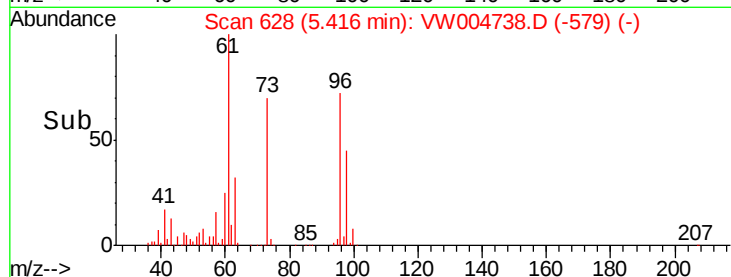
96 100

61 139.2 111.4 167.0

98 62.1 49.7 74.5



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



#22

Diisopropyl ether

Concen: 50.513 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Tgt Ion: 45 Resp: 1098985

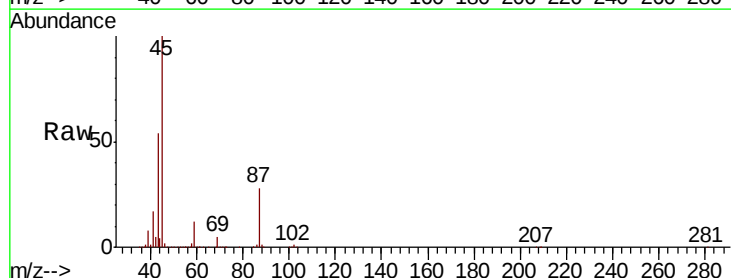
Ion Ratio Lower Upper

45 100

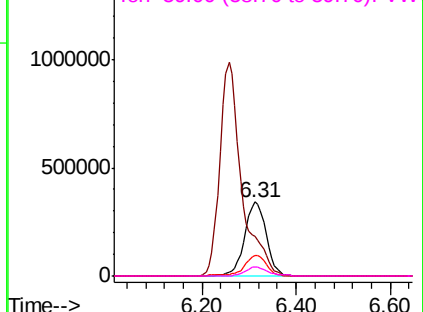
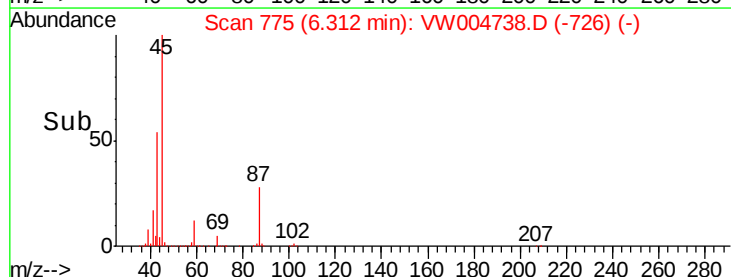
43 53.8 43.0 64.6

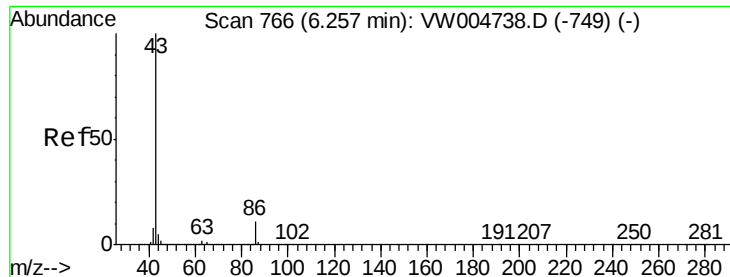
87 27.8 22.2 33.4

59 12.2 9.8 14.6



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





#23

Vinyl Acetate

Concen: 258.689 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampled :

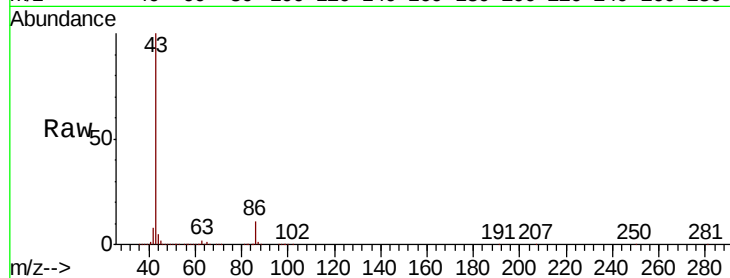
VSTDICCC050

Tgt Ion: 43 Resp: 3183461

Ion Ratio Lower Upper

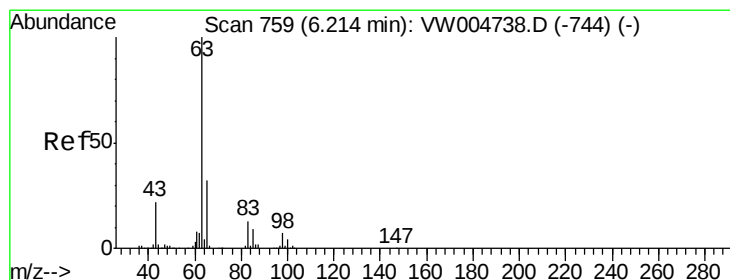
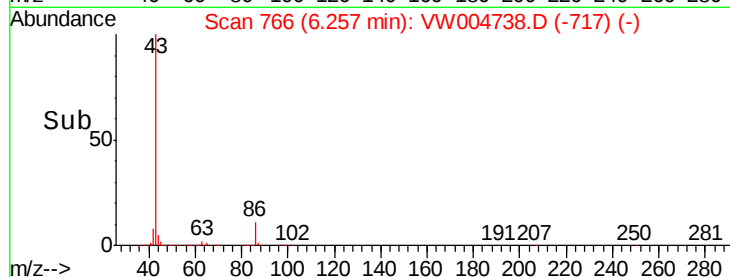
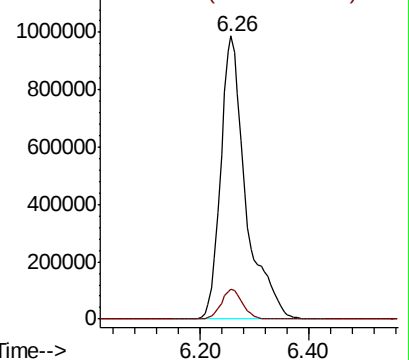
43 100

86 10.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.093 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

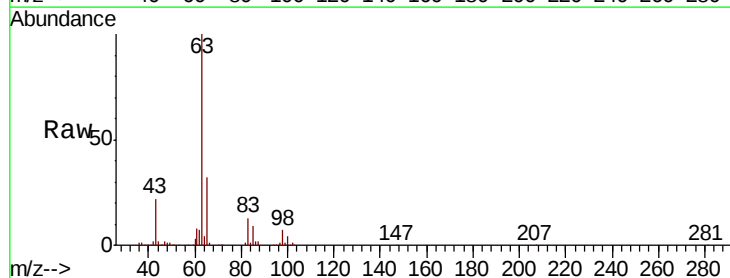
Tgt Ion: 63 Resp: 679950

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

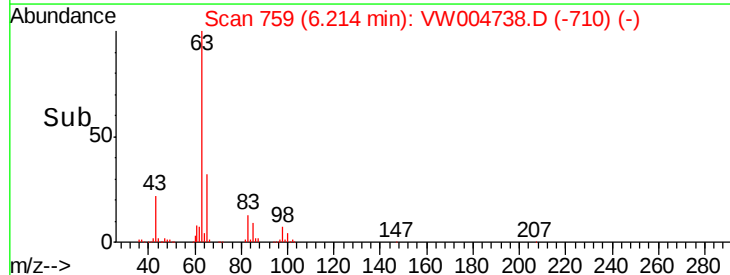
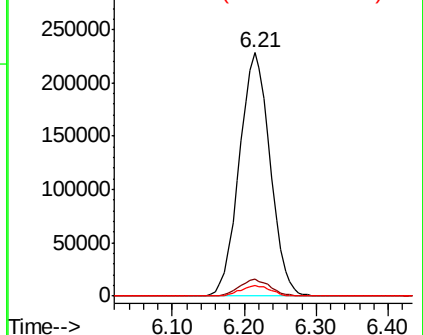
100 4.2 2.1 6.3

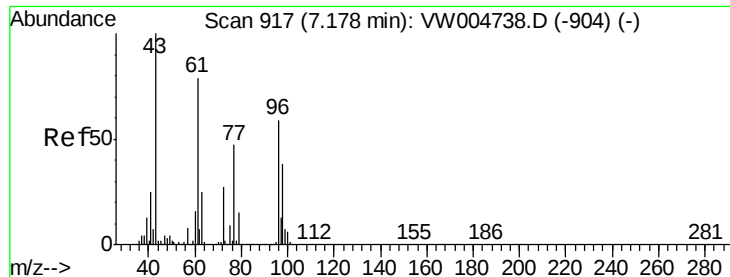


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

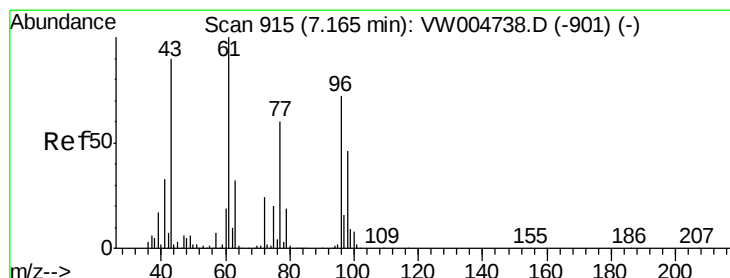
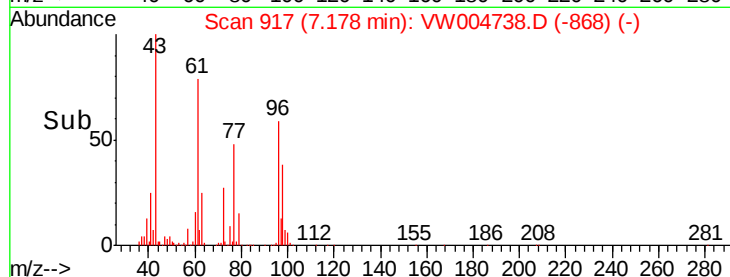
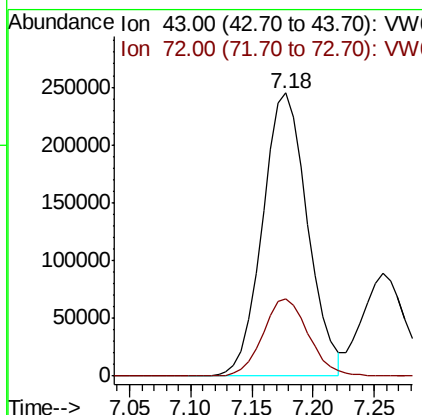
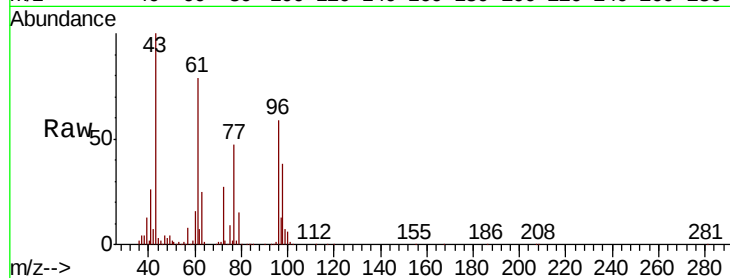




#25
2-Butanone
Concen: 246.680 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

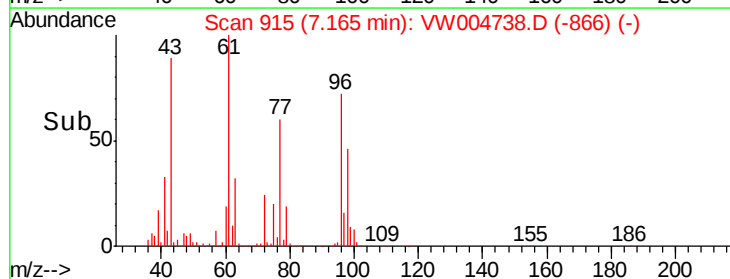
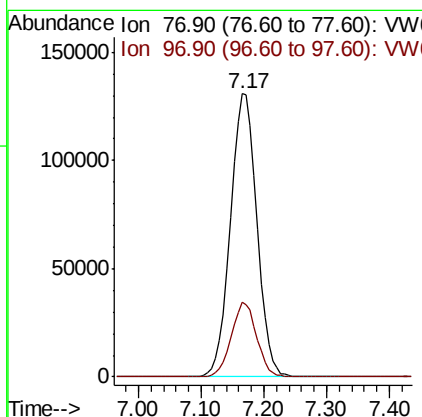
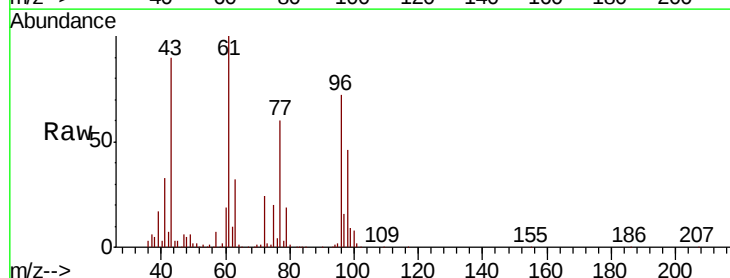
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

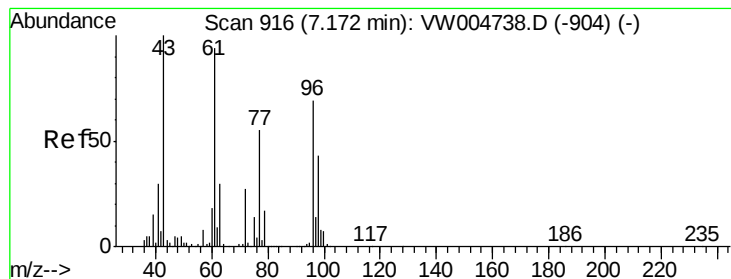
Tgt Ion: 43 Resp: 627844
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0



#26
2,2-Dichloropropane
Concen: 46.765 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 77 Resp: 381884
Ion Ratio Lower Upper
77 100
97 25.2 12.6 37.8



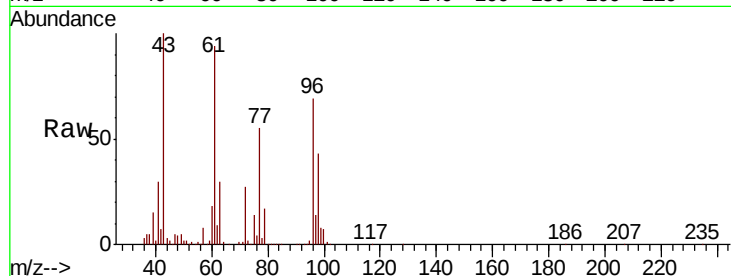


#27

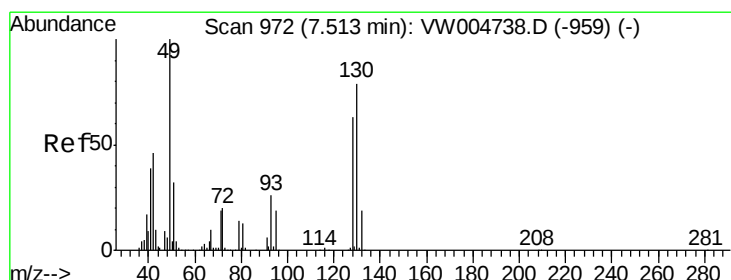
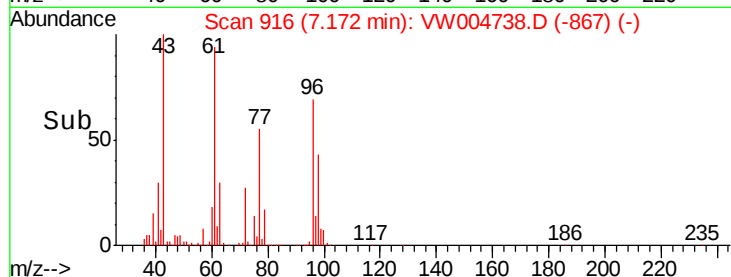
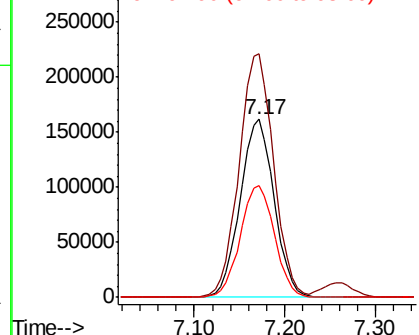
cis-1,2-Dichloroethene
Concen: 49.142 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 419854
Ion Ratio Lower Upper
96 100
61 138.8 0.0 277.6
98 63.7 0.0 127.4



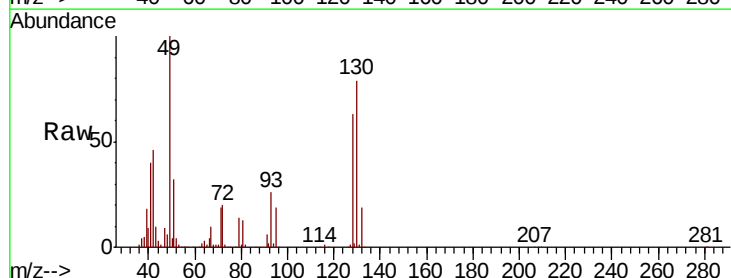
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



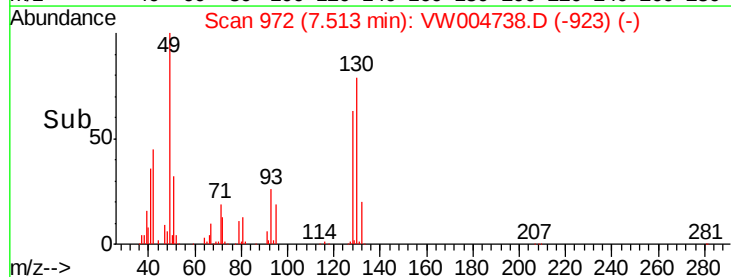
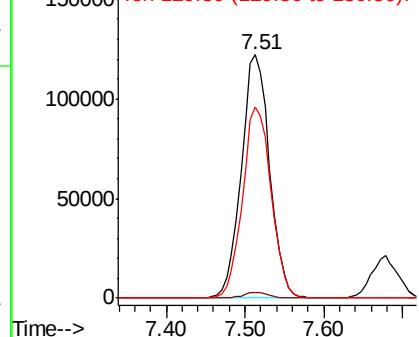
#28

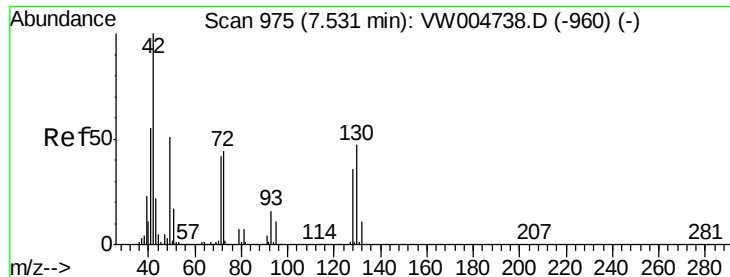
Bromochloromethane
Concen: 51.133 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 49 Resp: 304431
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 79.6 63.7 95.5



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

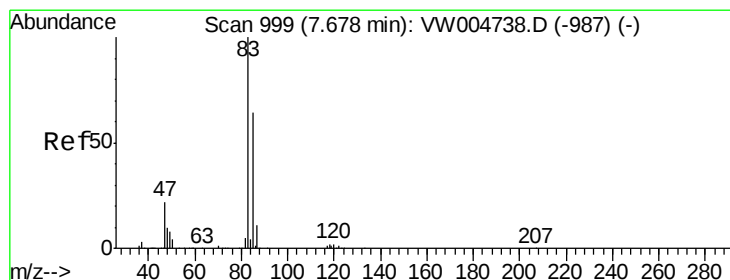
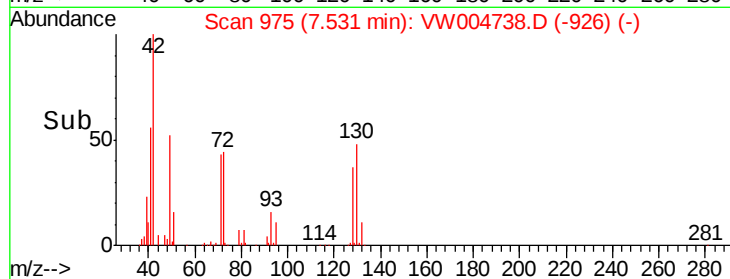
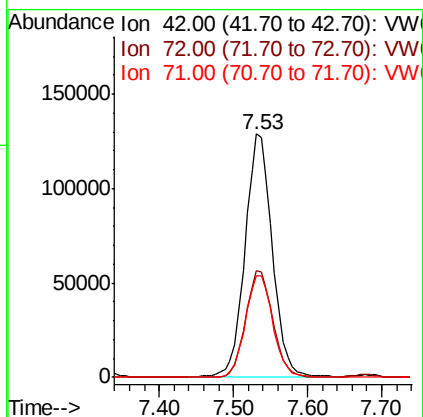
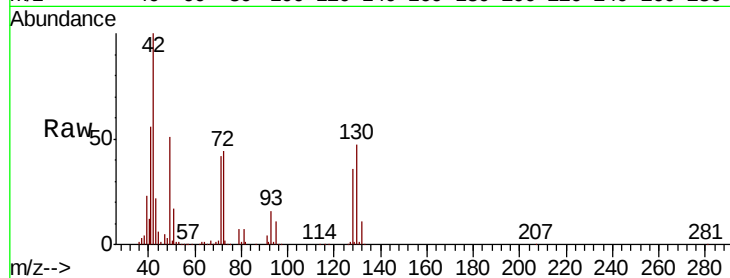




#29
Tetrahydrofuran
Concen: 255.869 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

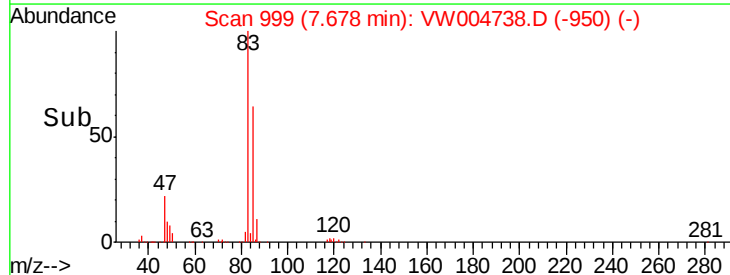
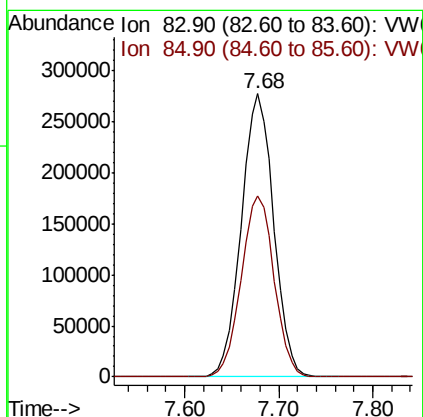
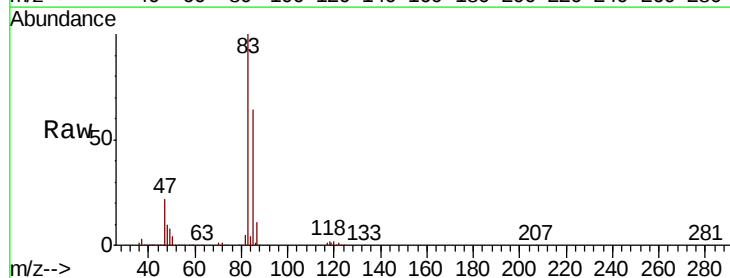
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

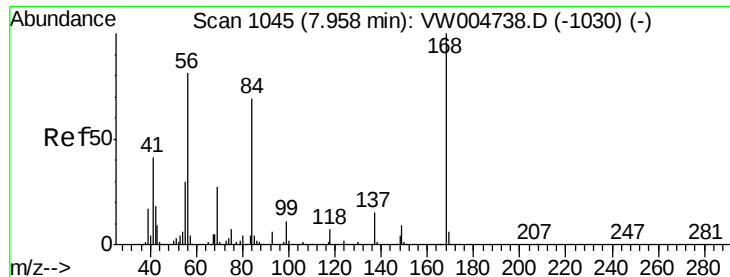
Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.9	52.3
71	42.2	33.8	50.6



#30
Chloroform
Concen: 48.029 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6

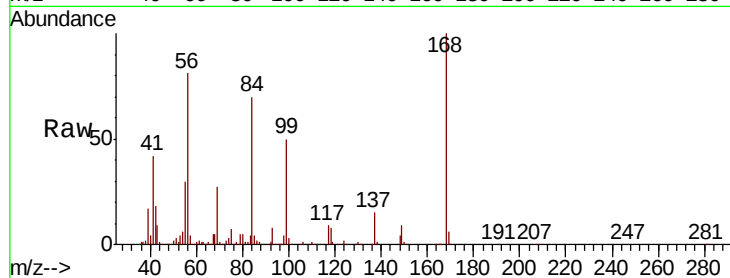




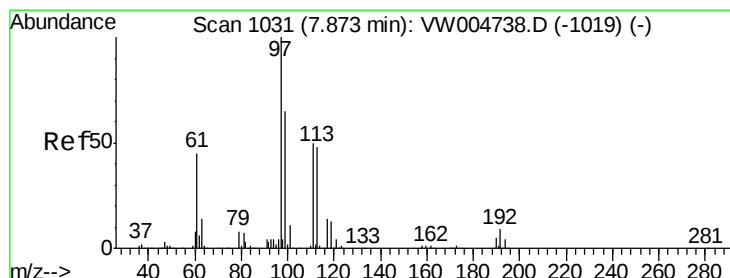
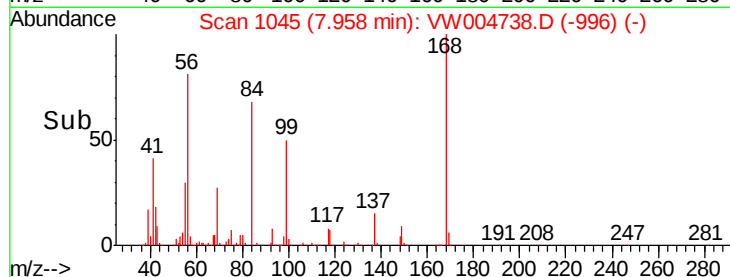
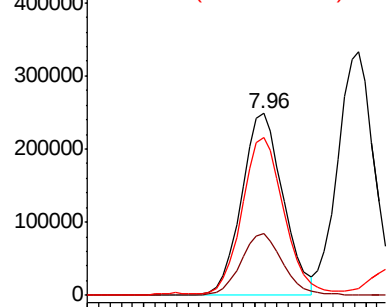
#31
Cyclohexane
Concen: 47.286 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 646646
Ion Ratio Lower Upper
56 100
69 33.9 27.1 40.7
84 85.4 68.3 102.5

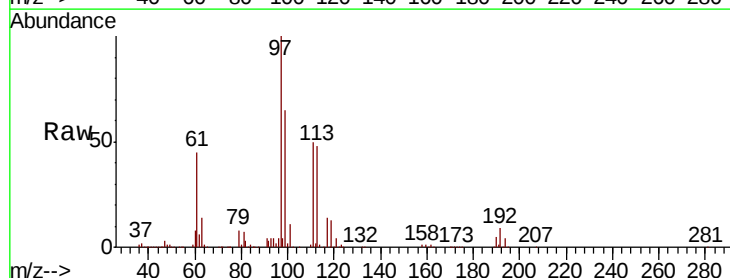


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

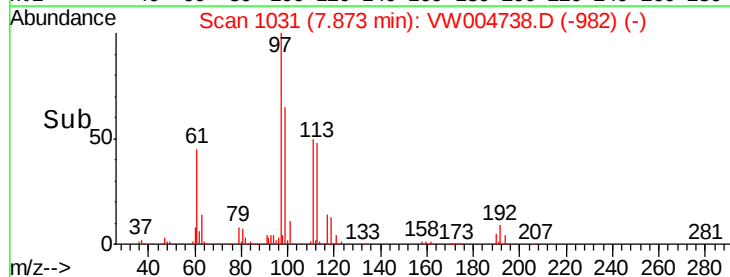
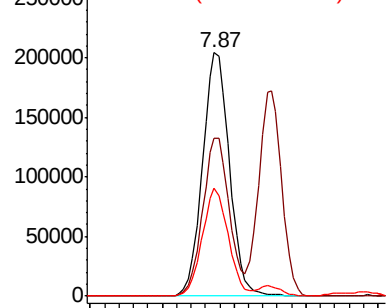


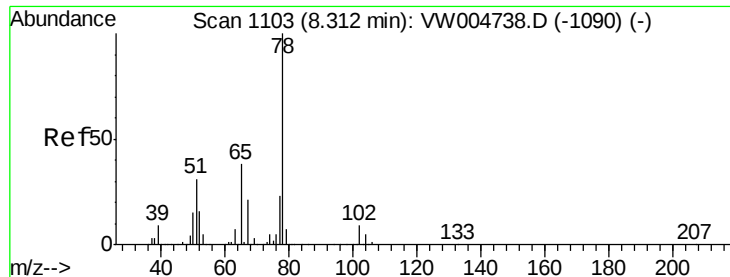
#32
1,1,1-Trichloroethane
Concen: 48.129 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 97 Resp: 530495
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 43.0 34.4 51.6



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

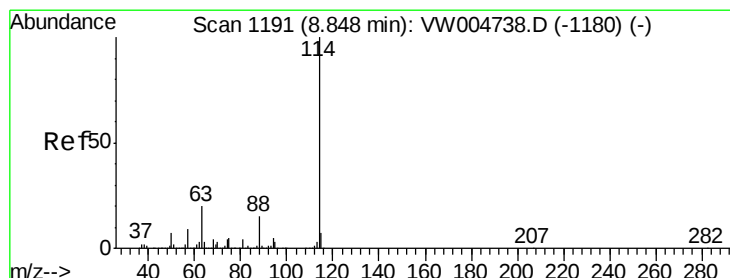
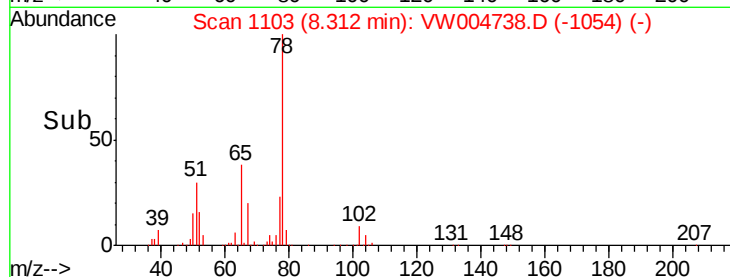
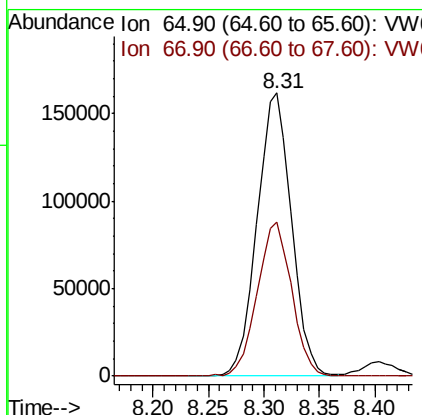
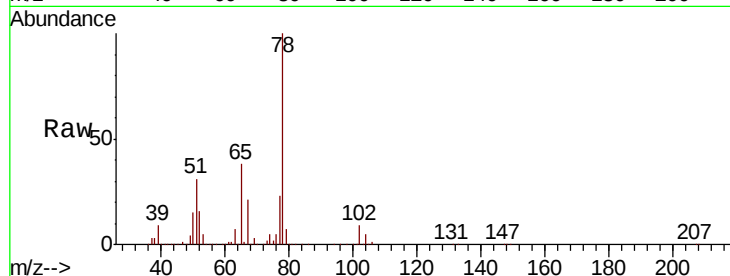




#33
 1,2-Dichloroethane-d4
 Concen: 49.751 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

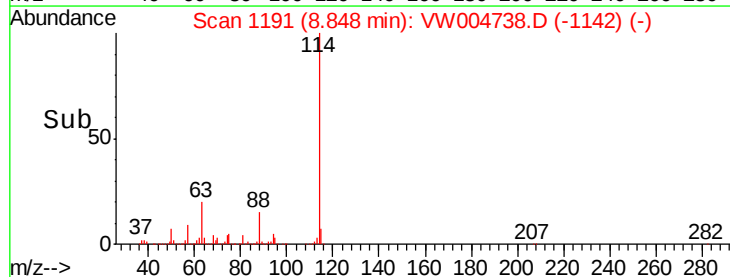
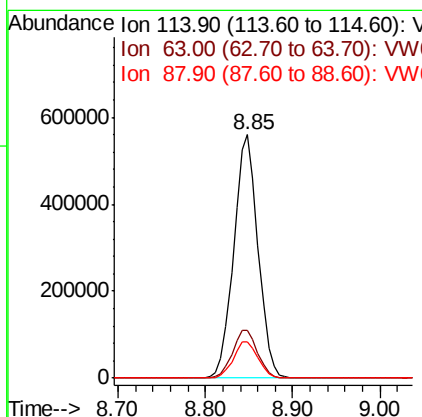
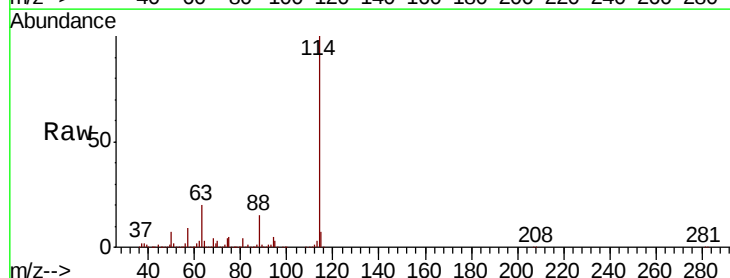
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

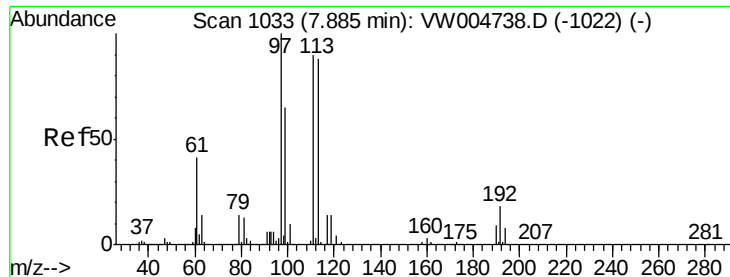
Tgt Ion: 65 Resp: 348139
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion: 114 Resp: 1076290
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.0 0.0 30.0

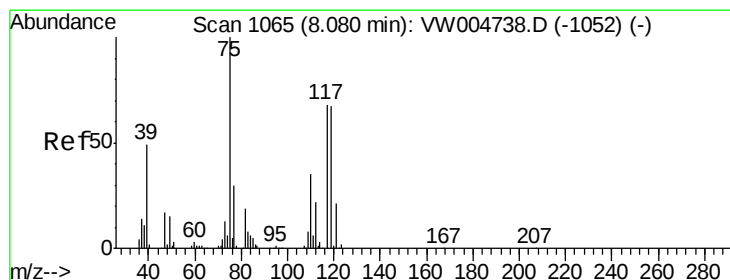
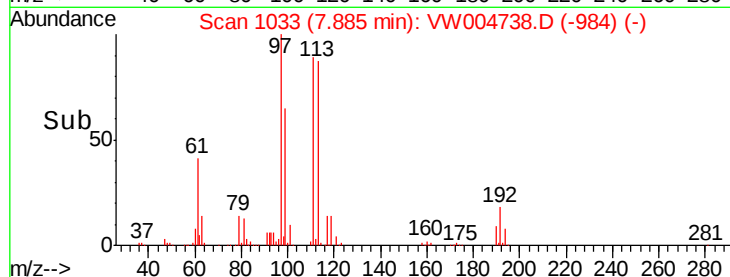
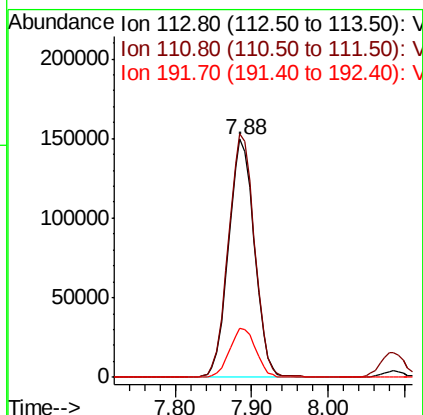
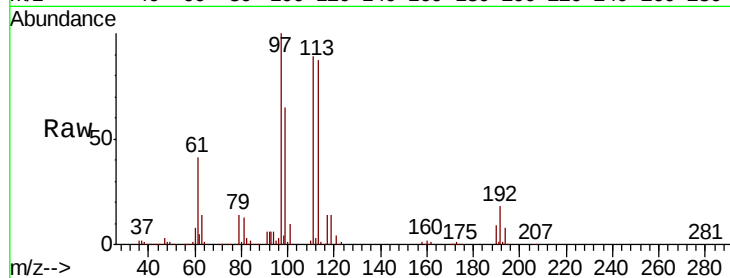




#35
 Dibromofluoromethane
 Concen: 50.904 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

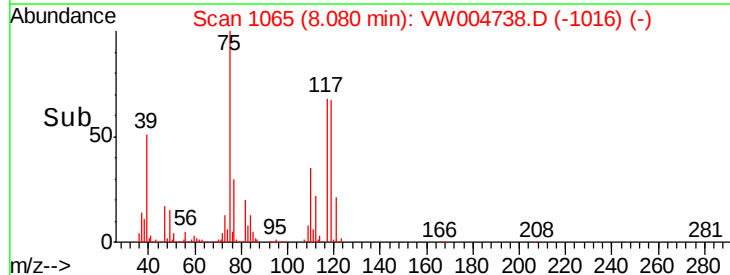
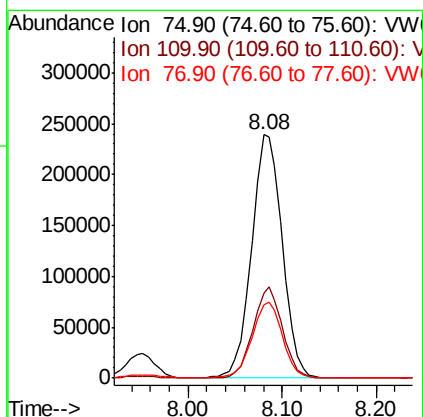
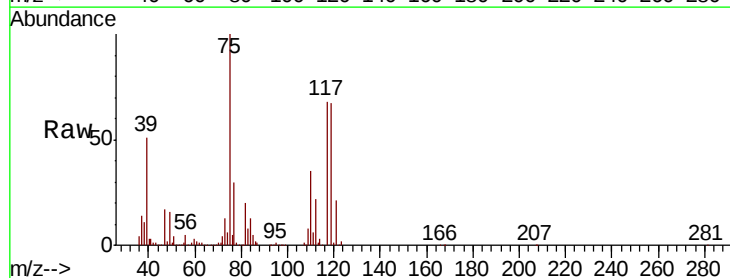
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

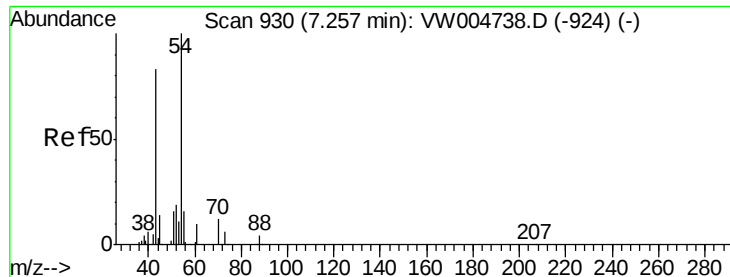
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	20.9	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 49.195 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	31.1	24.9	37.3





#37

Ethyl Acetate

Concen: 51.108 ug/l

RT: 7.26 min Scan# 930

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

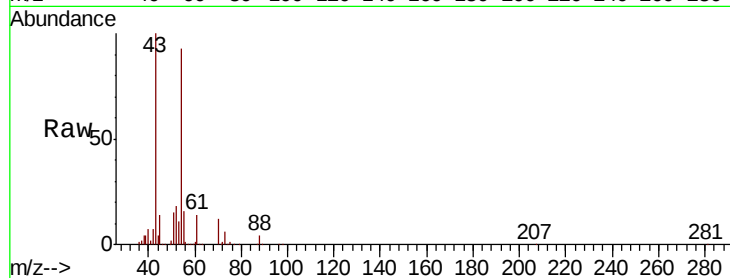
Tgt Ion: 43 Resp: 225891

Ion Ratio Lower Upper

43 100

61 14.5 11.6 17.4

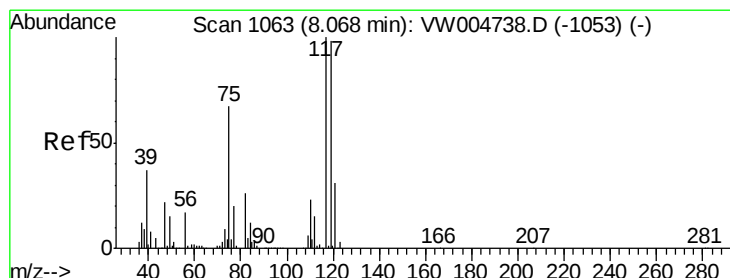
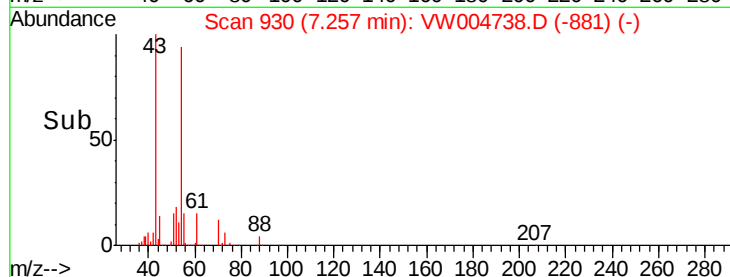
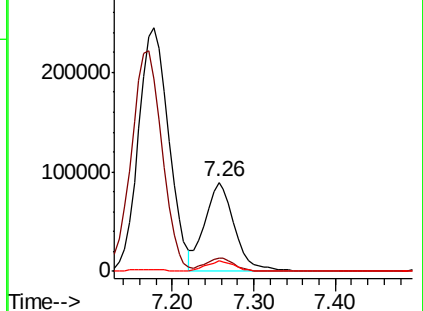
70 11.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 48.870 ug/l

RT: 8.07 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

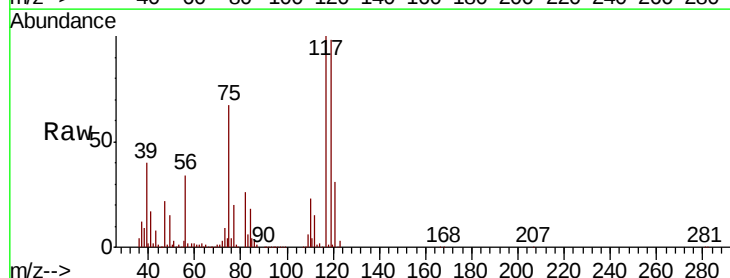
Tgt Ion: 117 Resp: 498777

Ion Ratio Lower Upper

117 100

119 97.5 78.0 117.0

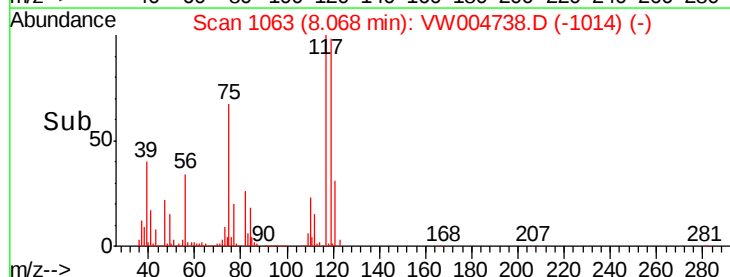
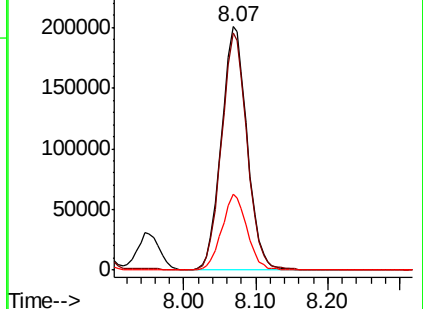
121 31.0 24.8 37.2

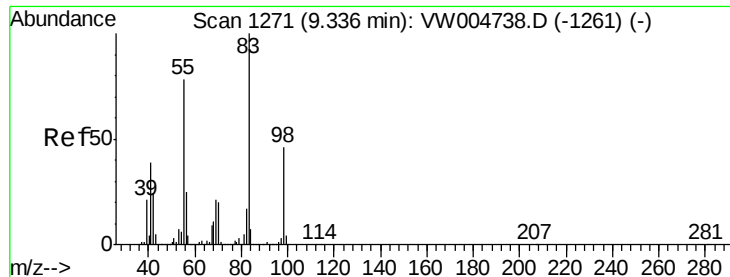


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

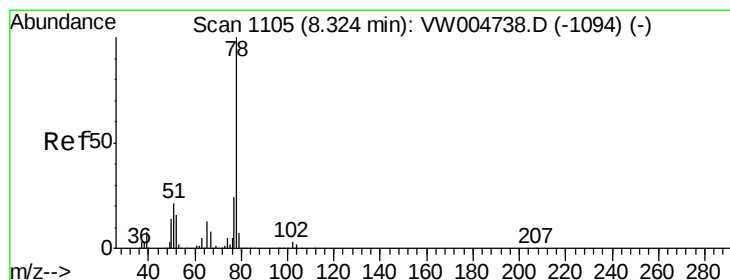
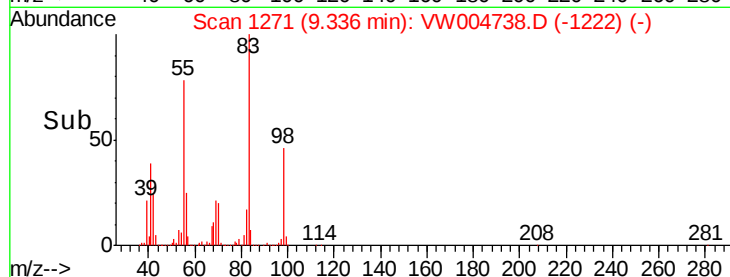
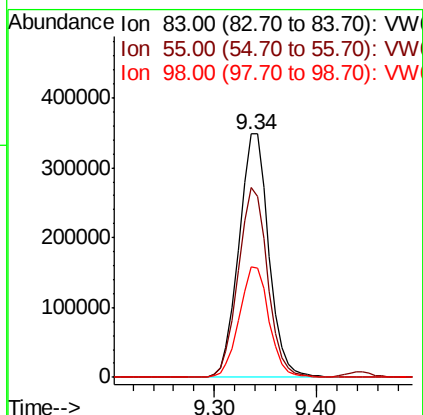
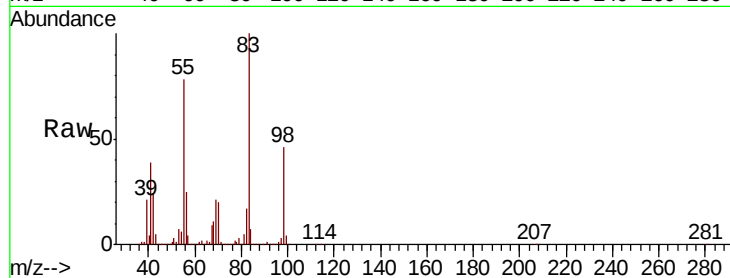




#39
Methylcyclohexane
Concen: 51.219 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

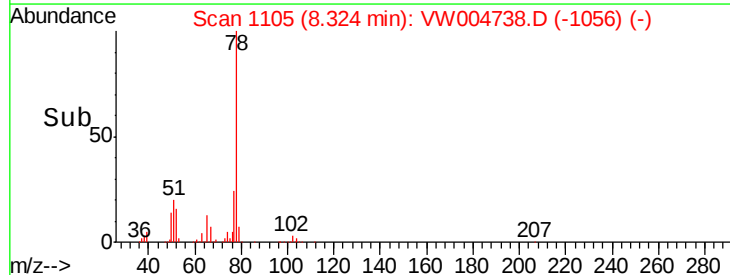
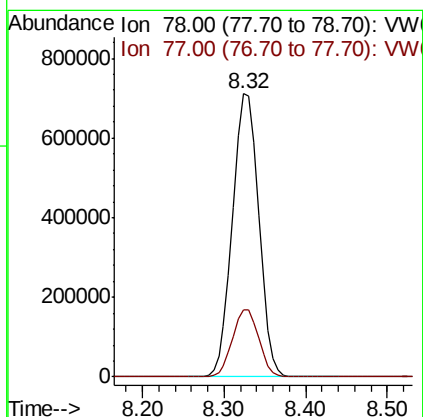
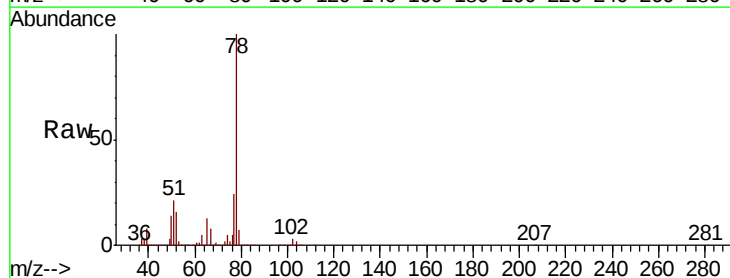
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

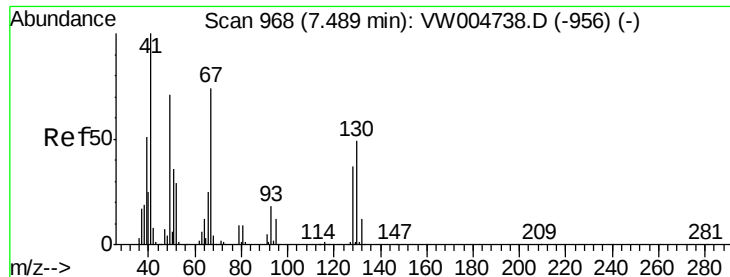
Tgt Ion: 83 Resp: 710198
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 45.6 36.5 54.7



#40
Benzene
Concen: 49.193 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 78 Resp: 1585139
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

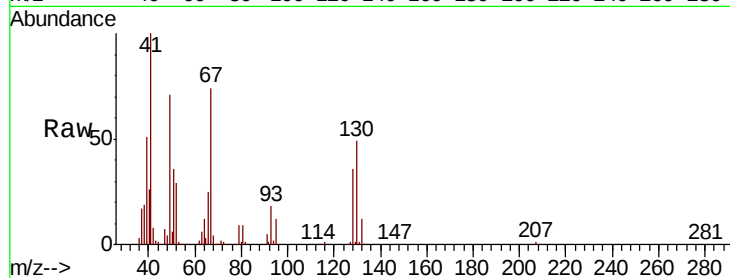




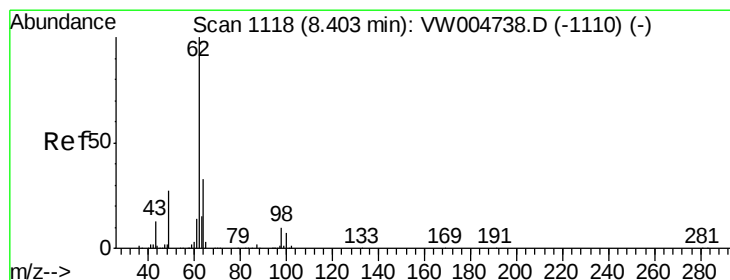
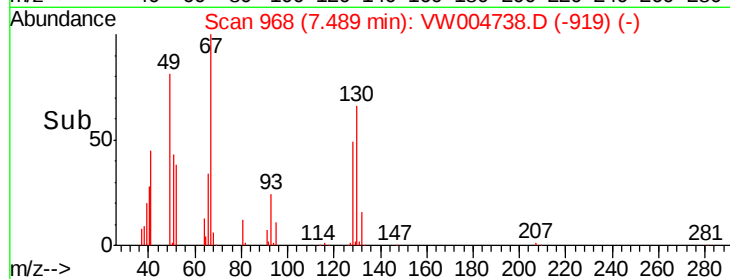
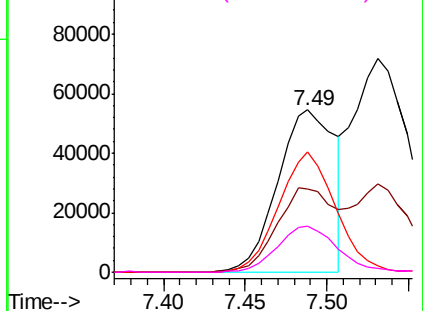
#41
Methacrylonitrile
Concen: 52.673 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	132124
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.0	61.4
67	74.4	59.5	89.3
52	29.5	23.6	35.4

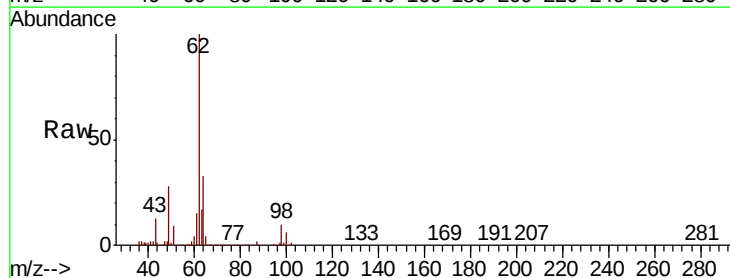


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

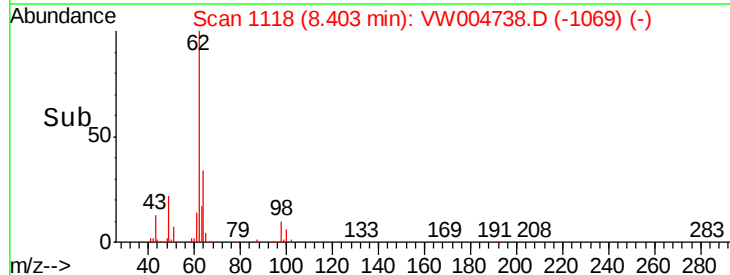
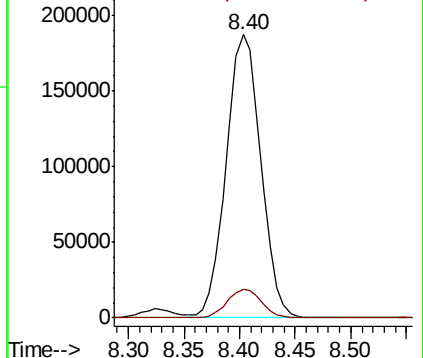


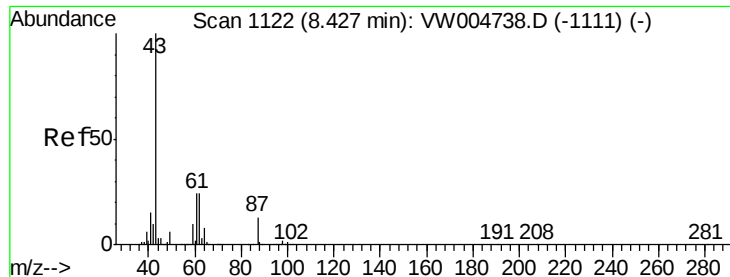
#42
1,2-Dichloroethane
Concen: 49.026 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion:	62	Resp:	405096
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 50.167 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

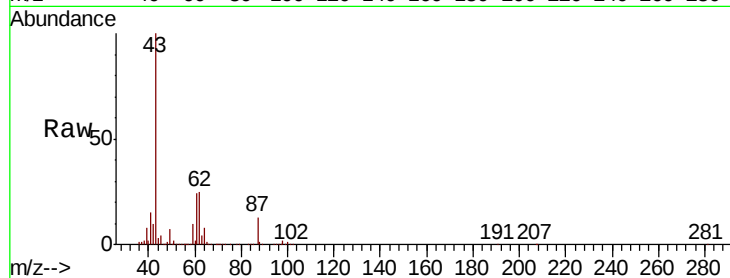
Tgt Ion: 43 Resp: 398282

Ion Ratio Lower Upper

43 100

61 32.8 26.2 39.4

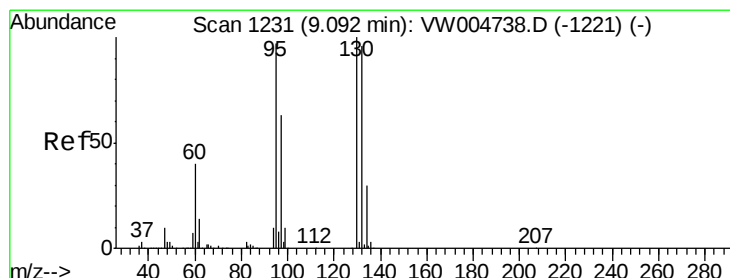
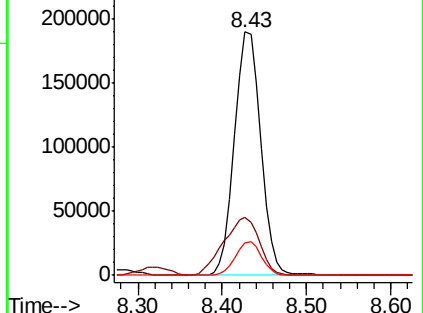
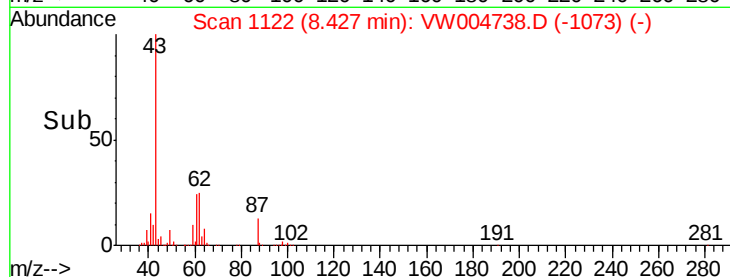
87 13.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.862 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004738.D

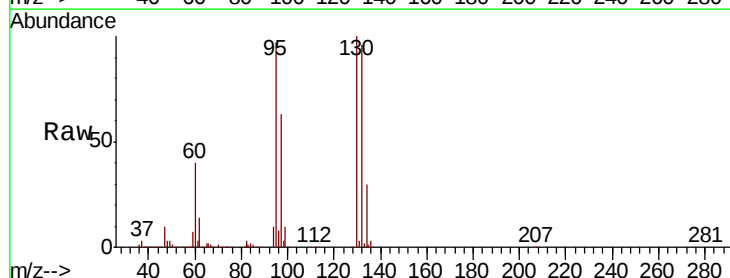
Acq: 17 Aug 2018 17:12

Tgt Ion: 130 Resp: 399673

Ion Ratio Lower Upper

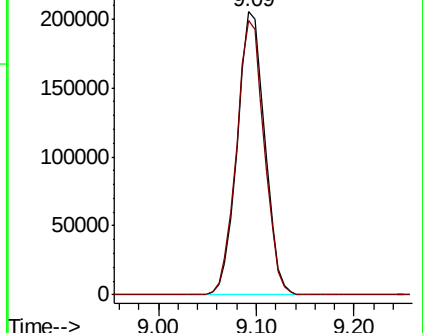
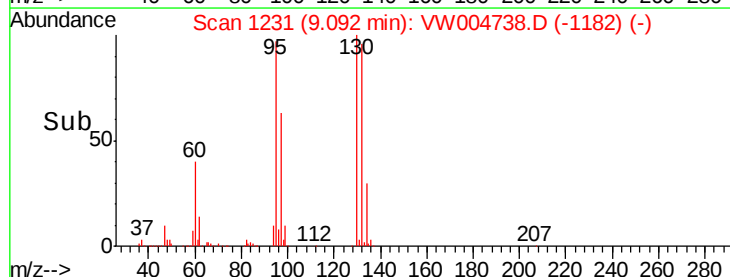
130 100

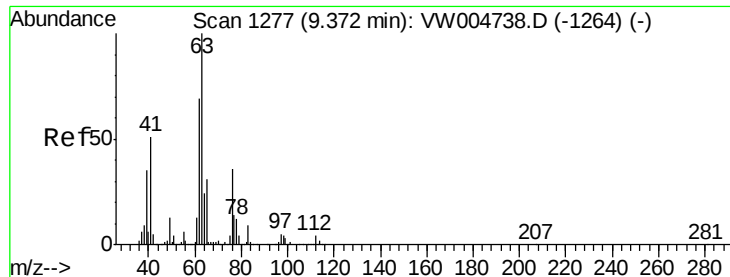
95 97.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

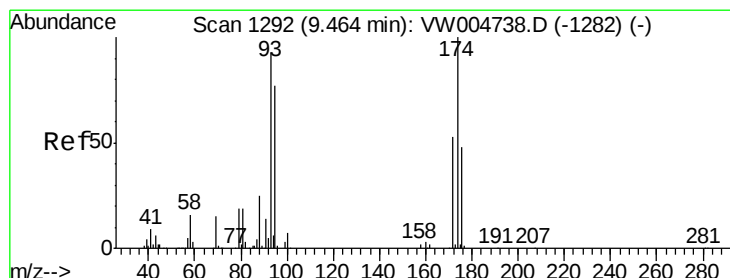
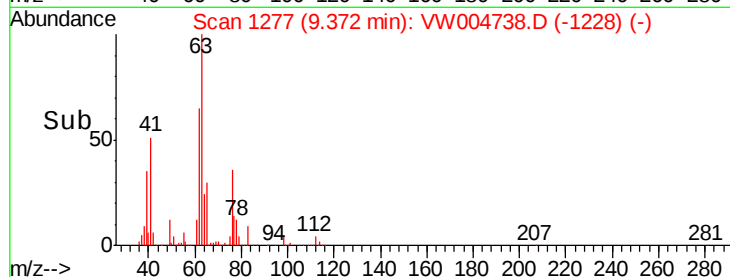
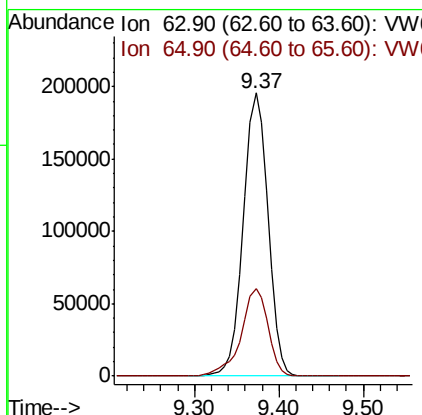
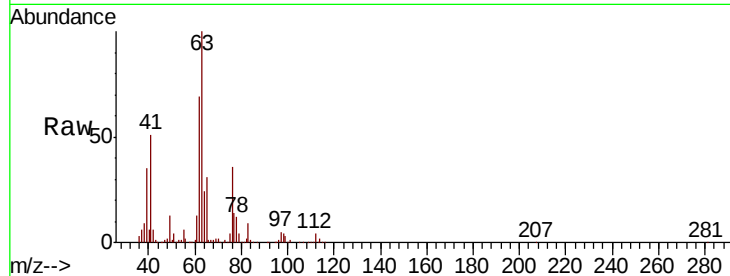




#45
 1,2-Dichloropropane
 Concen: 49.002 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

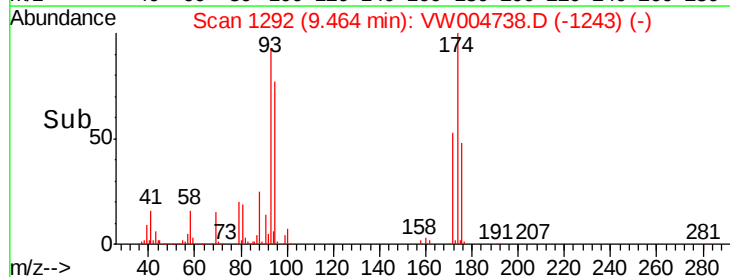
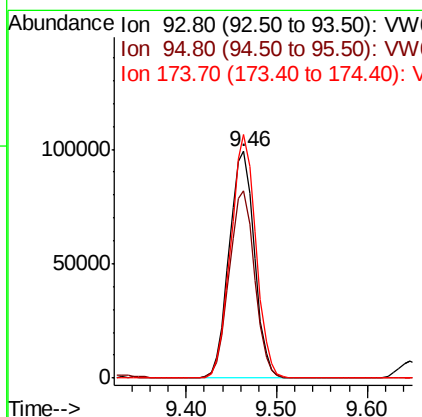
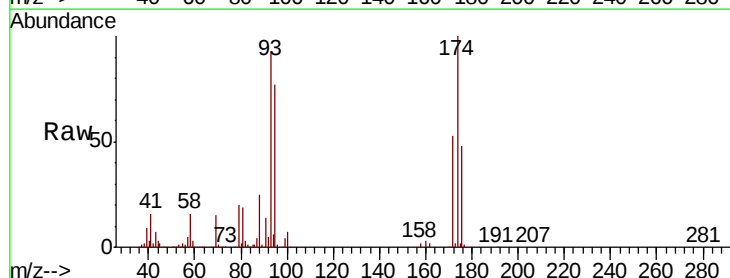
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

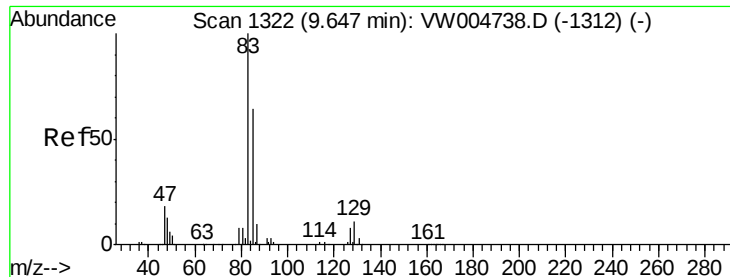
Tgt Ion: 63 Resp: 386235
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 49.138 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion: 93 Resp: 191878
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 106.6 85.3 127.9





#47

Bromodichloromethane

Concen: 49.645 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

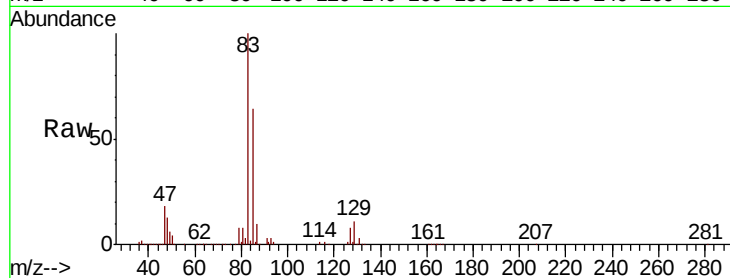
Tgt Ion: 83 Resp: 462978

Ion Ratio Lower Upper

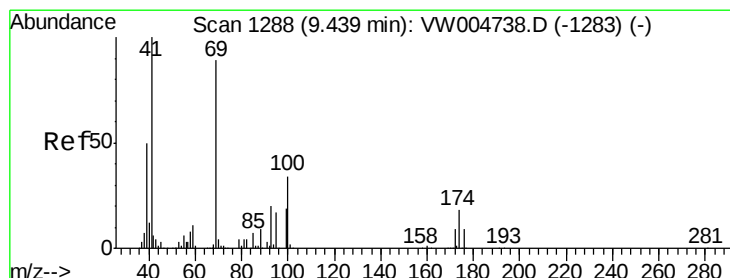
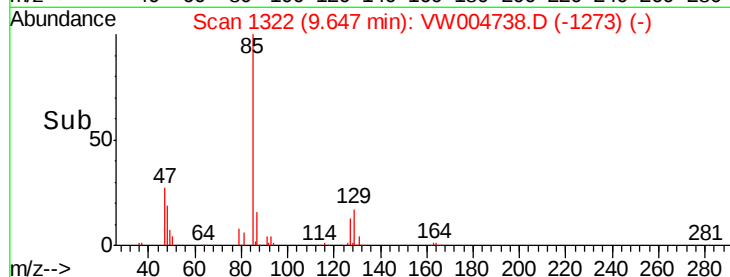
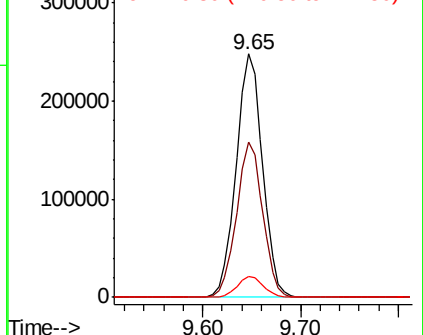
83 100

85 64.0 51.2 76.8

127 8.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 51.315 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

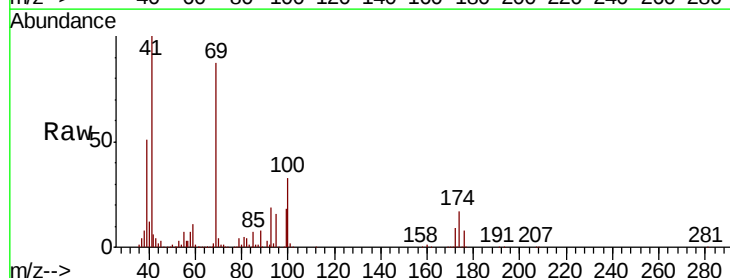
Tgt Ion: 41 Resp: 191164

Ion Ratio Lower Upper

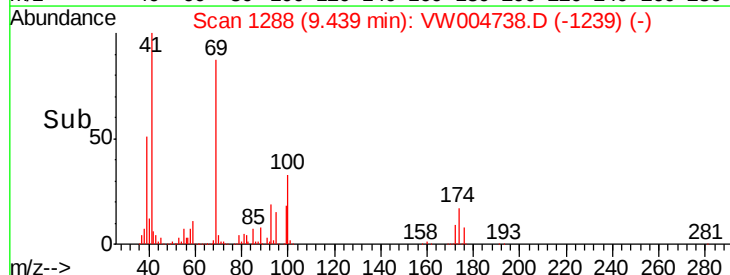
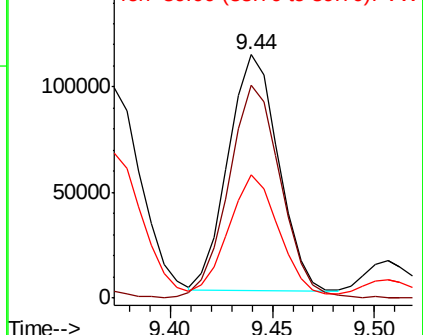
41 100

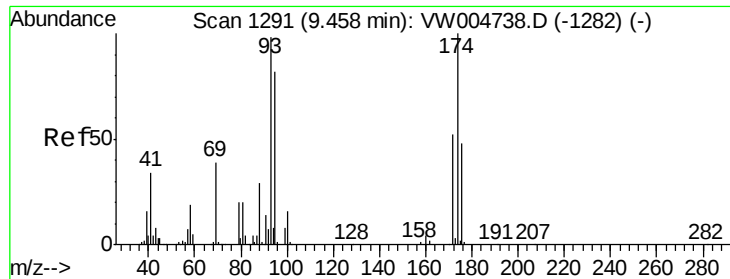
69 94.0 75.2 112.8

39 49.7 39.8 59.6



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

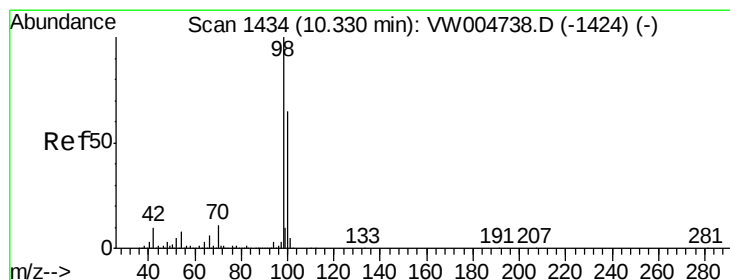
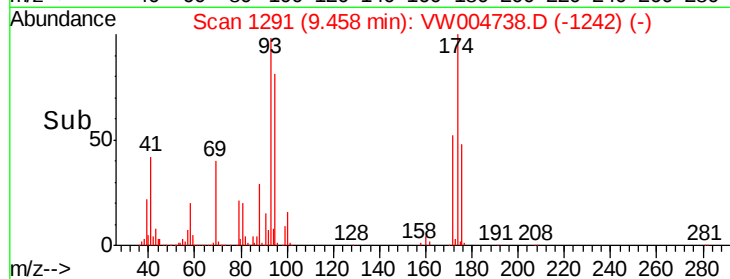
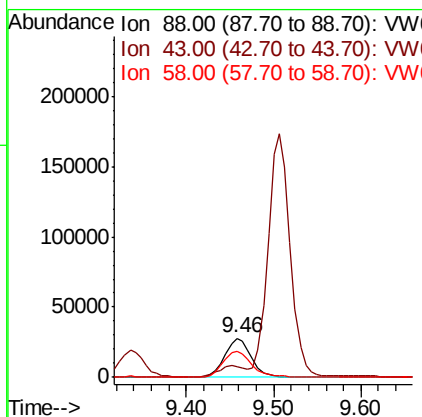
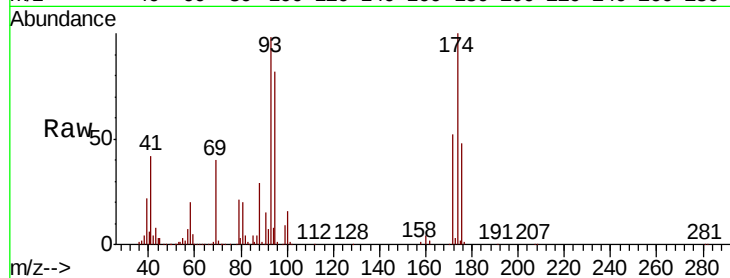




#49
1,4-Dioxane
Concen: 1021.740 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

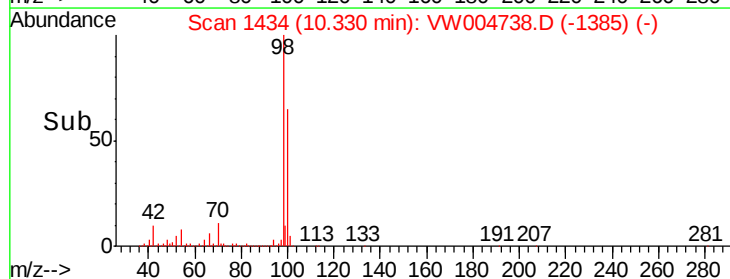
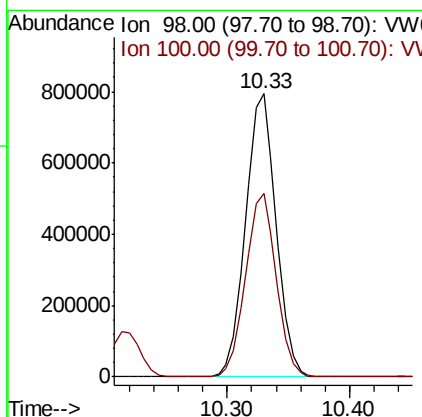
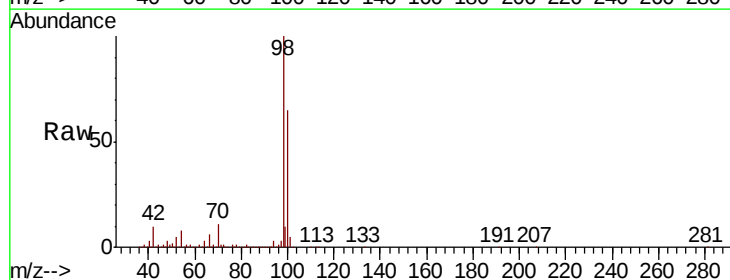
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

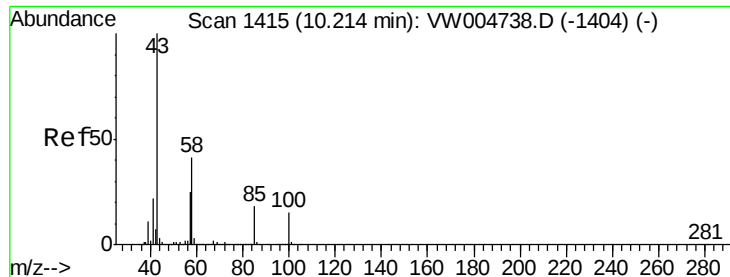
Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.9	34.3
58	75.0	60.0	90.0



#50
Toluene-d8
Concen: 51.295 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 257.460 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

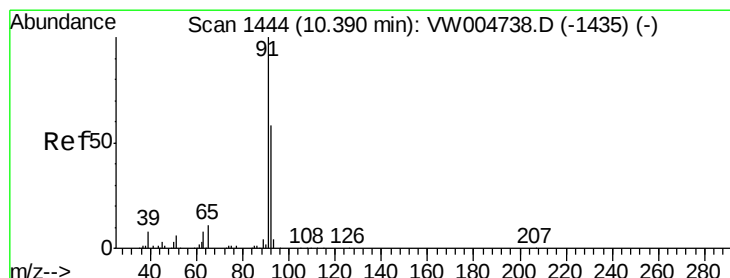
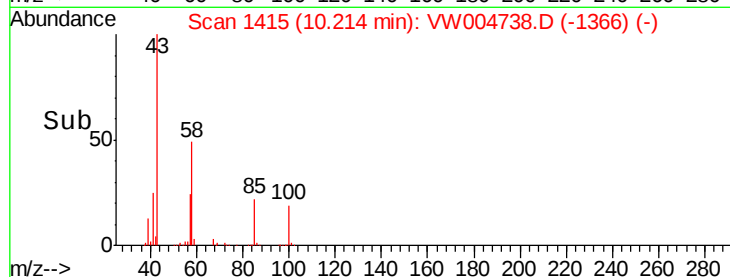
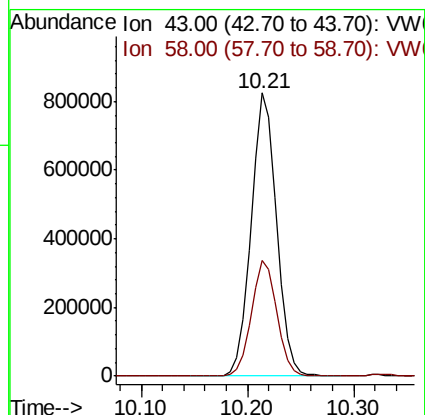
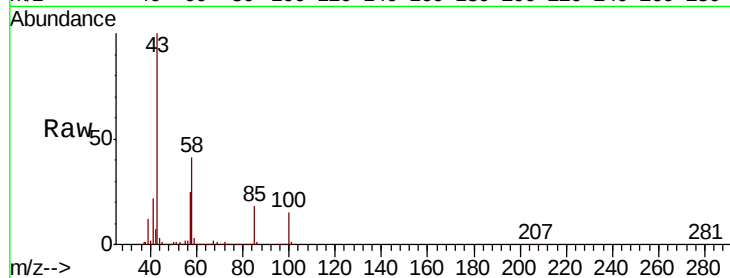
VSTDICCC050

Tgt Ion: 43 Resp: 1381428

Ion Ratio Lower Upper

43 100

58 40.9 32.7 49.1



#52

Toluene

Concen: 49.662 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004738.D

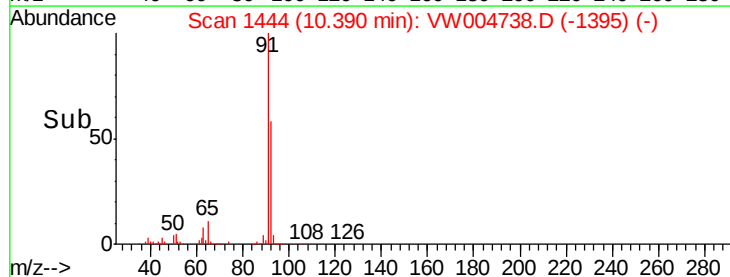
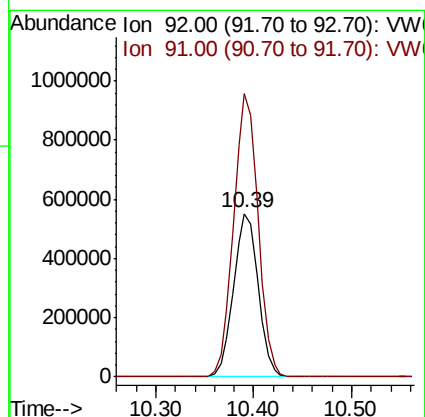
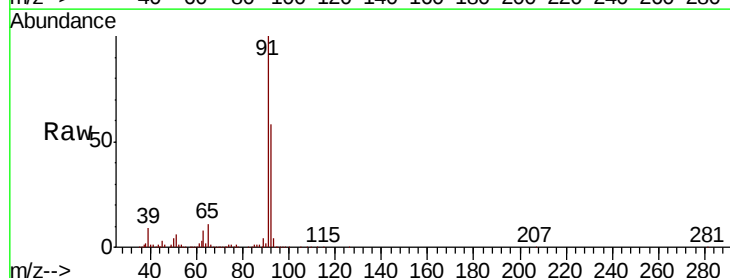
Acq: 17 Aug 2018 17:12

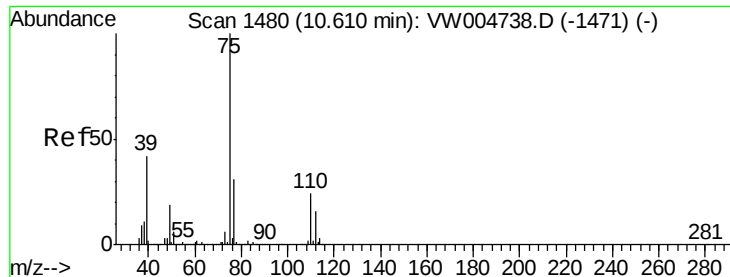
Tgt Ion: 92 Resp: 959746

Ion Ratio Lower Upper

92 100

91 172.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 50.078 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

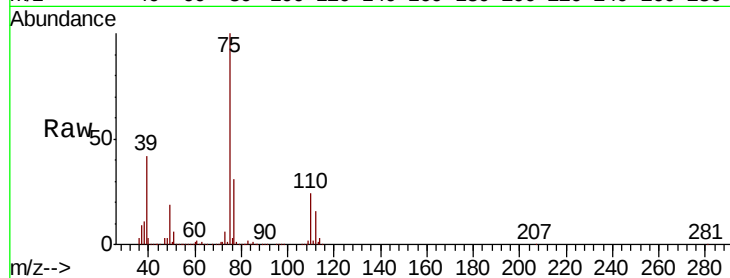
VSTDICCC050

Tgt Ion: 75 Resp: 470516

Ion Ratio Lower Upper

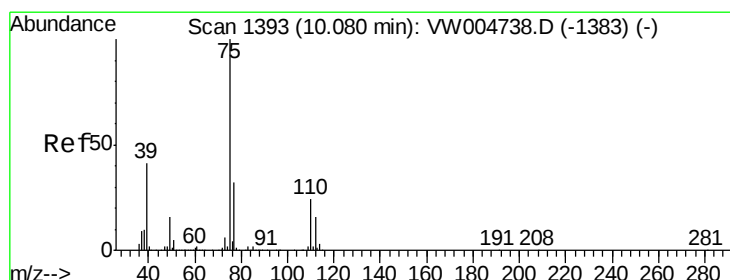
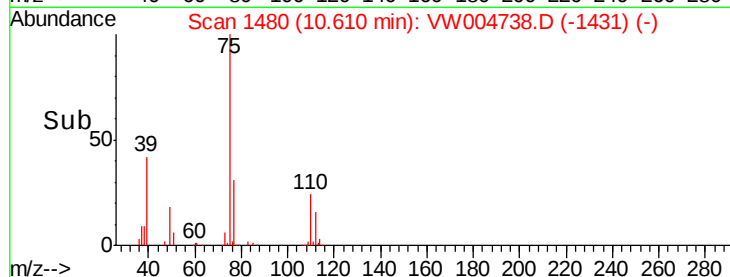
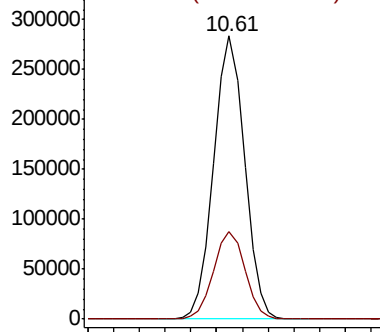
75 100

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 49.926 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

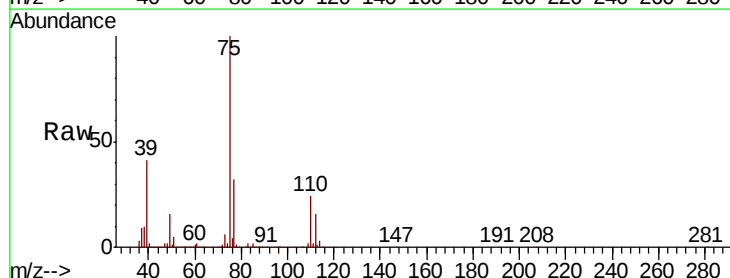
Tgt Ion: 75 Resp: 559231

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

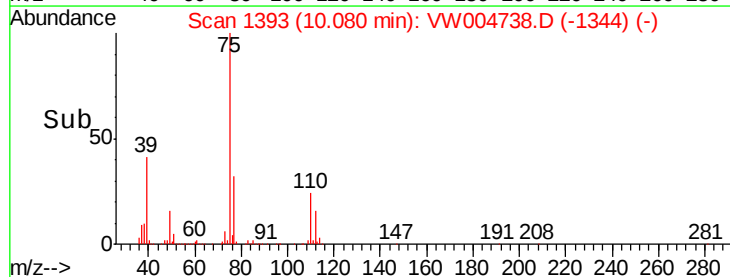
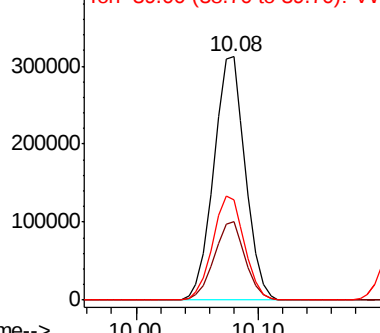
39 41.2 33.0 49.4

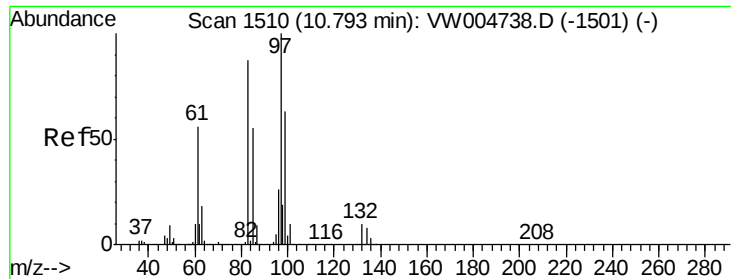


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

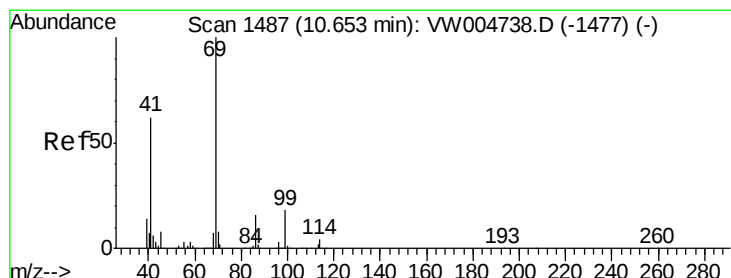
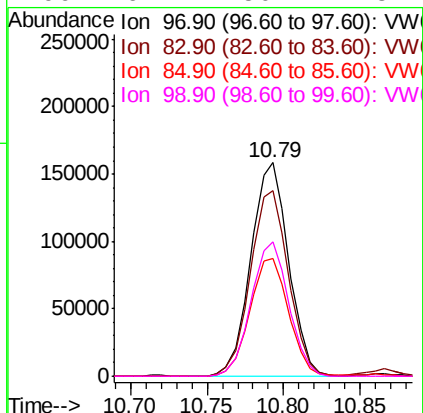
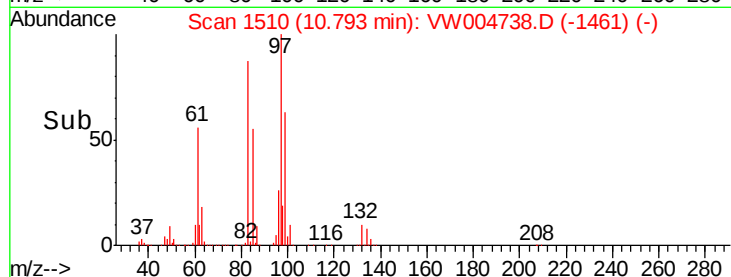
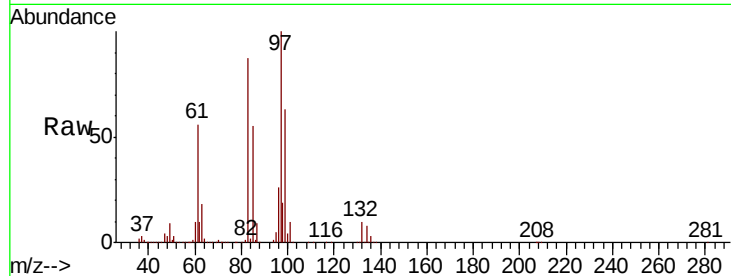




#55
 1,1,2-Trichloroethane
 Concen: 49.057 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

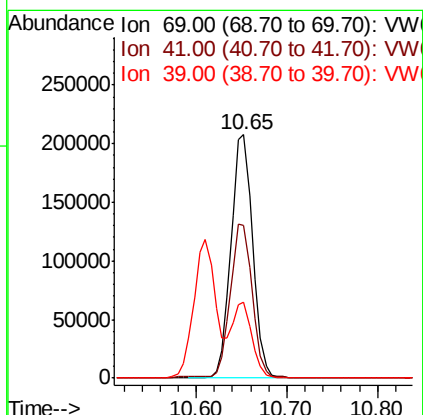
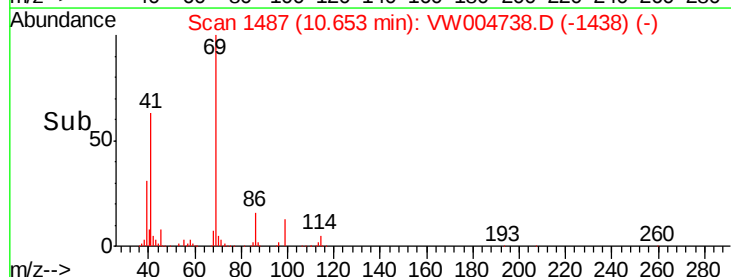
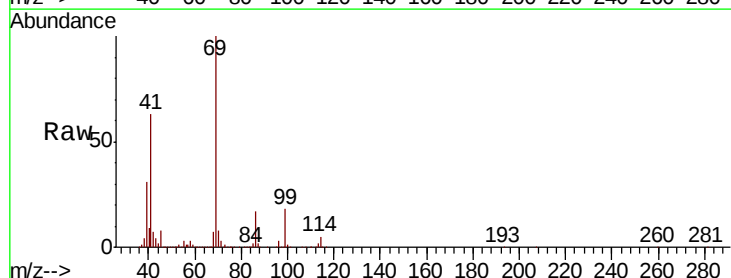
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

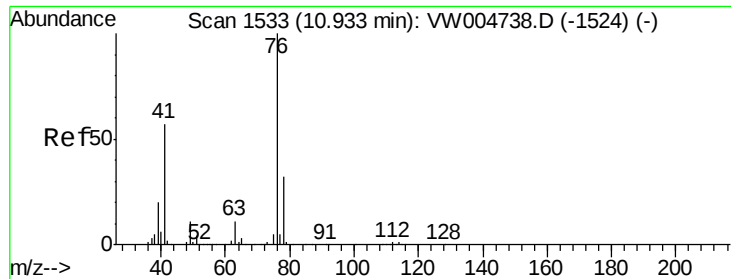
Tgt Ion:	97	Resp:	272297
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.4	104.2
85	55.4	44.3	66.5
99	62.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 52.767 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion:	69	Resp:	345989
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	26.8	21.4	32.2

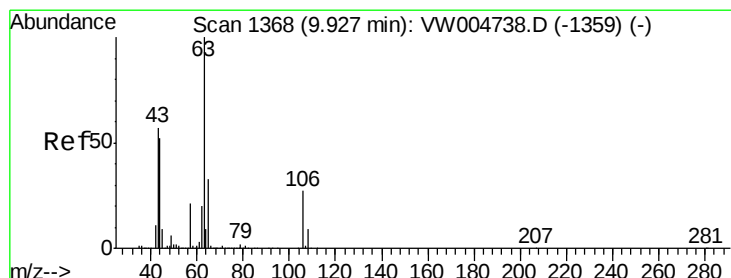
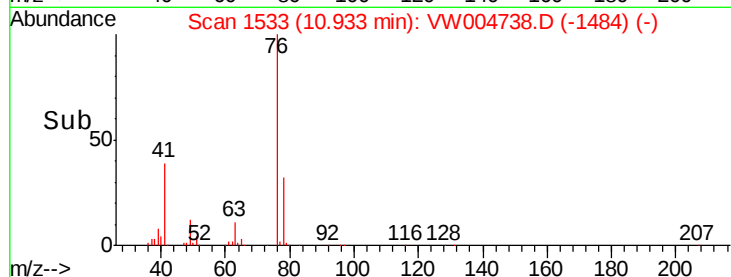
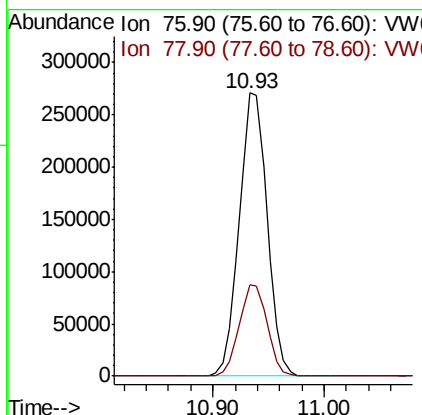
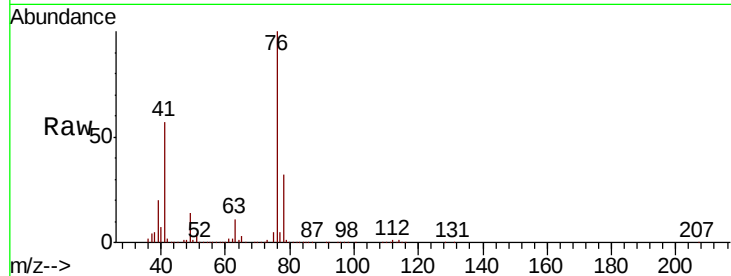




#57
 1,3-Dichloropropane
 Concen: 49.164 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

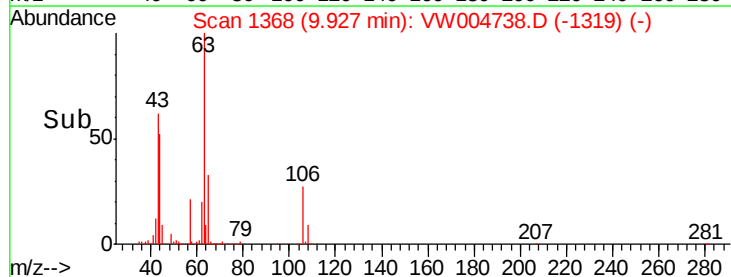
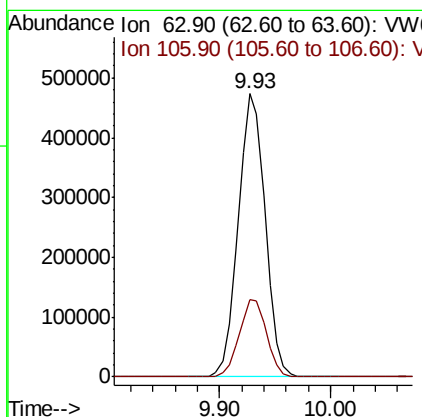
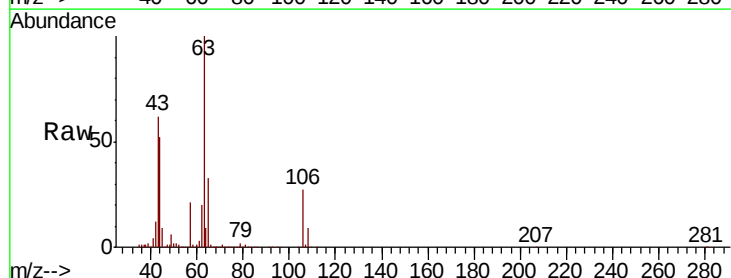
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

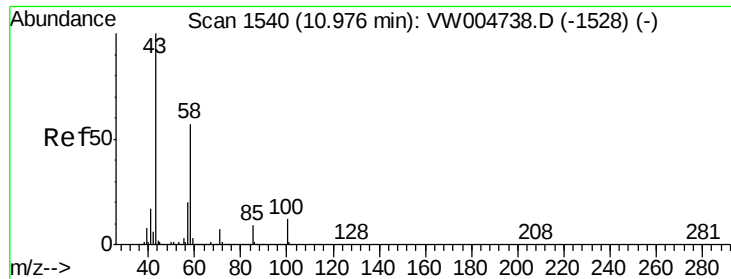
Tgt Ion: 76 Resp: 471057
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.313 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion: 63 Resp: 791831
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.1 33.1

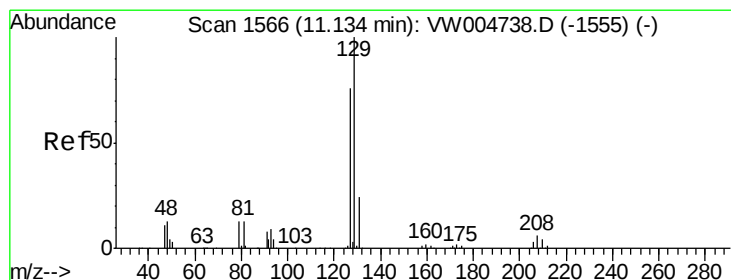
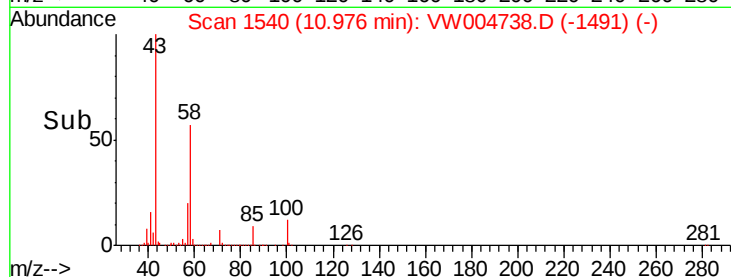
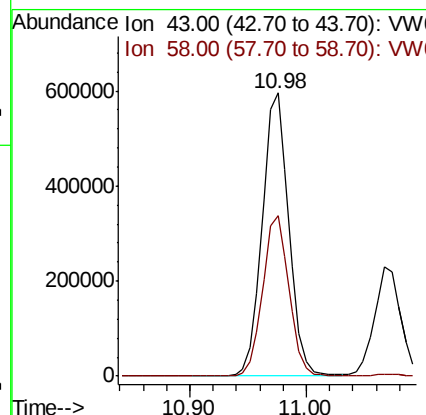
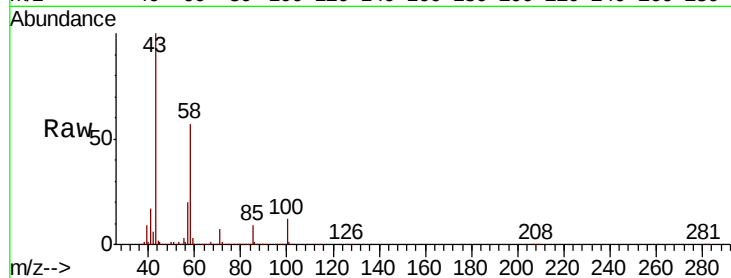




#59
2-Hexanone
Concen: 260.281 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

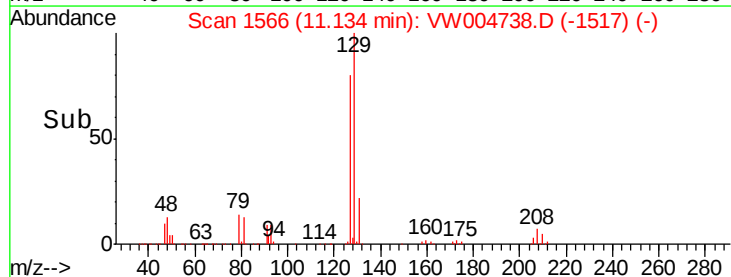
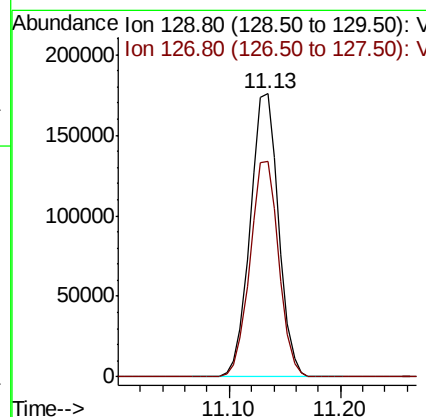
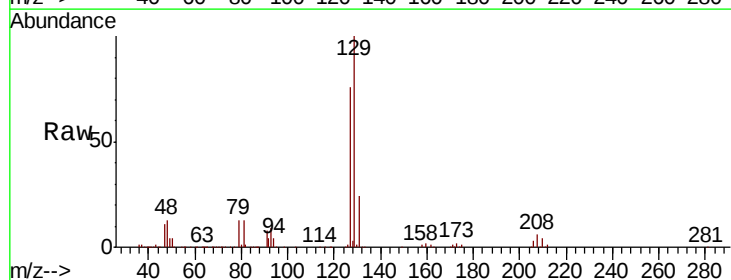
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

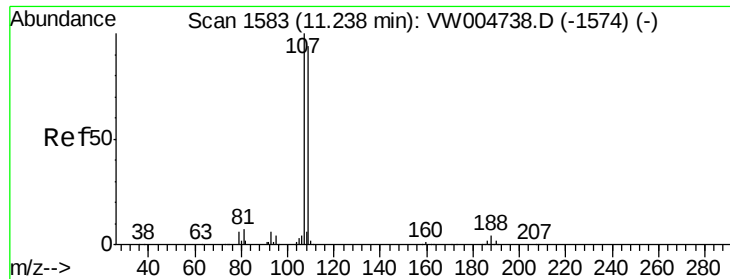
Tgt Ion: 43 Resp: 946266
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.4



#60
Dibromochloromethane
Concen: 50.023 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 129 Resp: 311519
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.260 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

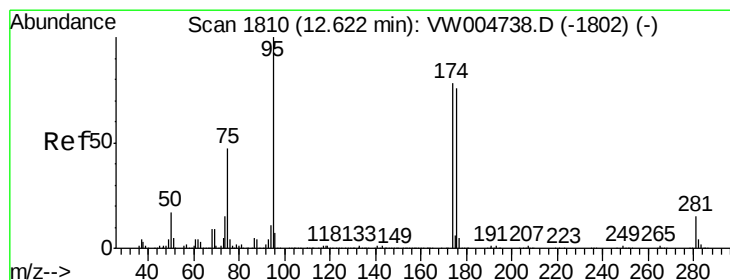
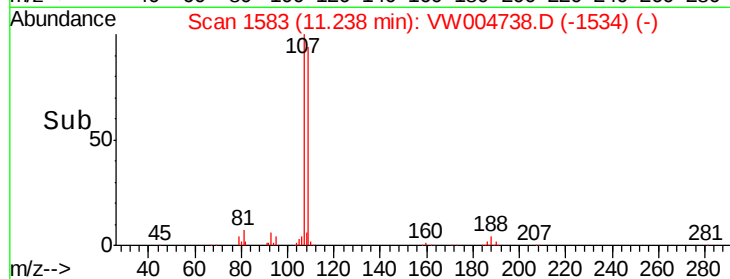
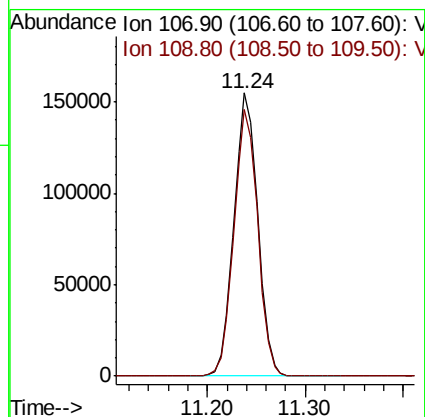
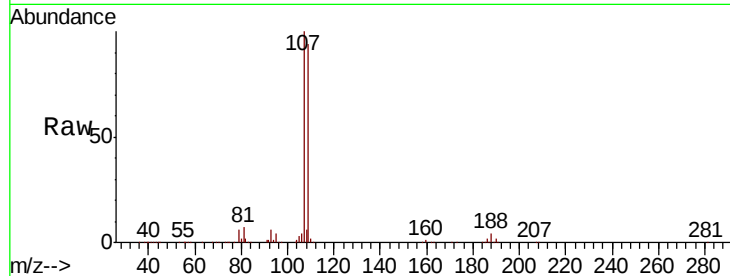
VSTDICCC050

Tgt Ion: 107 Resp: 261358

Ion Ratio Lower Upper

107 100

109 94.4 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 51.471 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

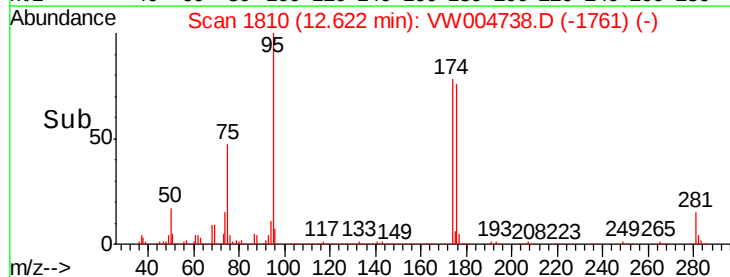
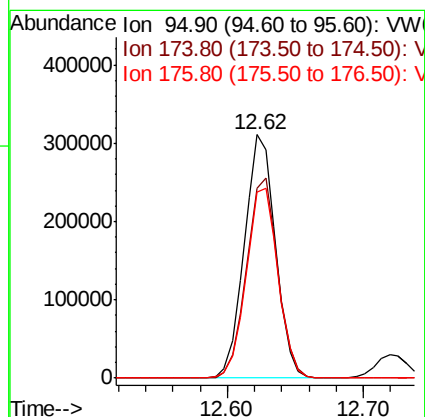
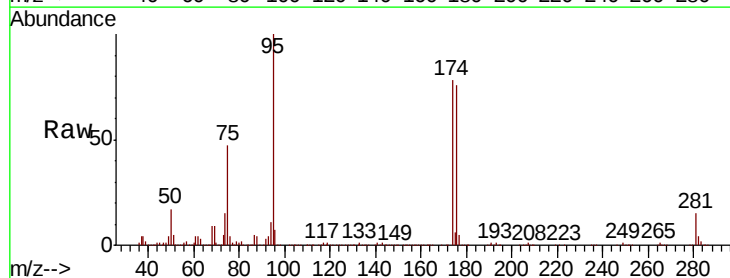
Tgt Ion: 95 Resp: 497240

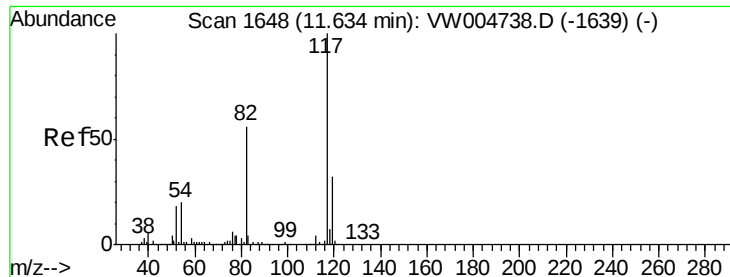
Ion Ratio Lower Upper

95 100

174 82.9 0.0 165.8

176 79.9 0.0 159.8

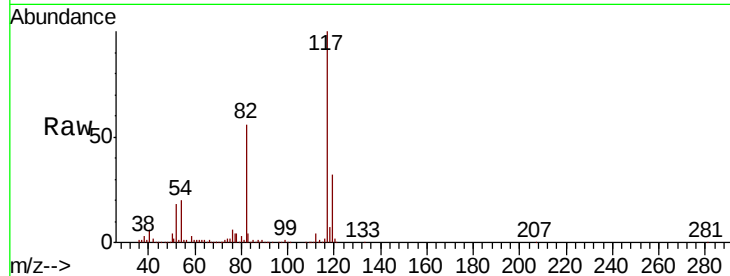




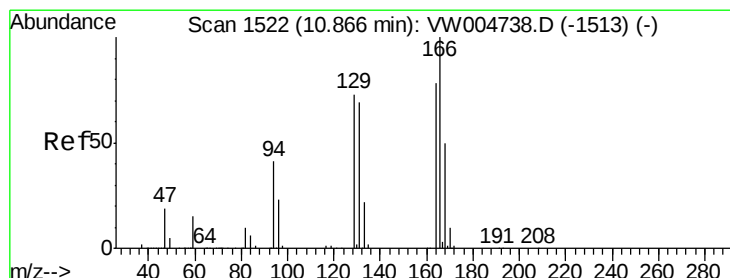
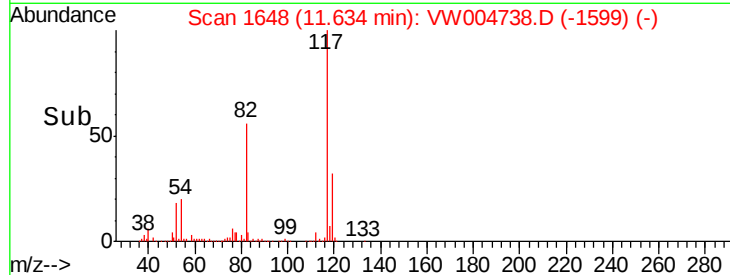
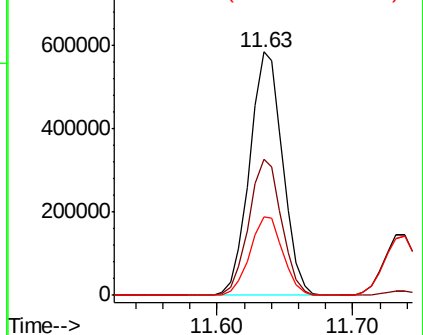
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 995870
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.0 25.6 38.4

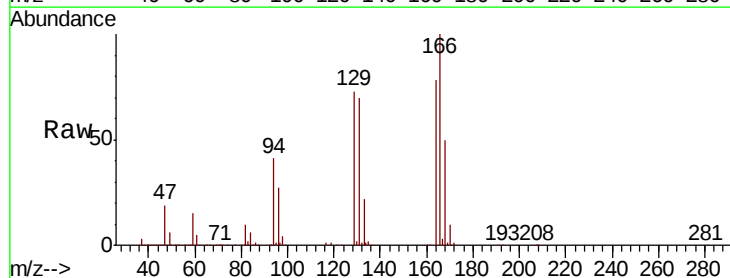


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

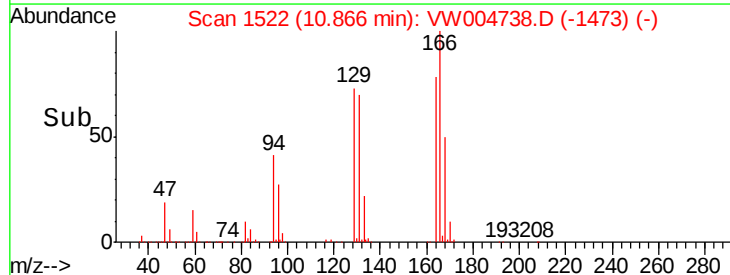
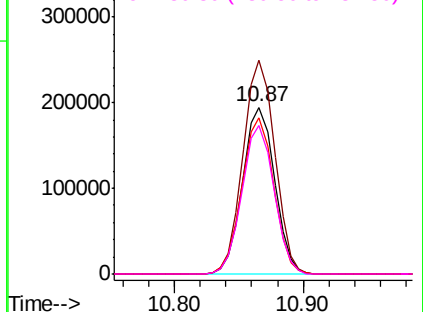


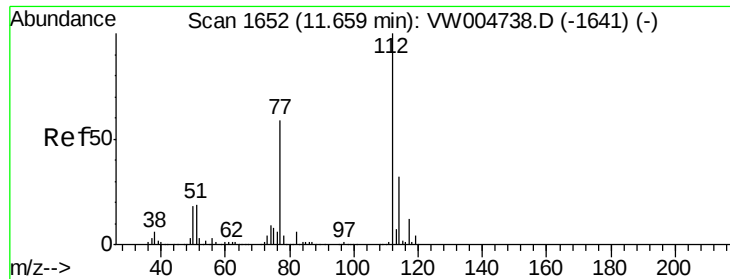
#64
Tetrachloroethene
Concen: 49.109 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion:164 Resp: 334232
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 93.9 75.1 112.7
131 89.1 71.3 106.9



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

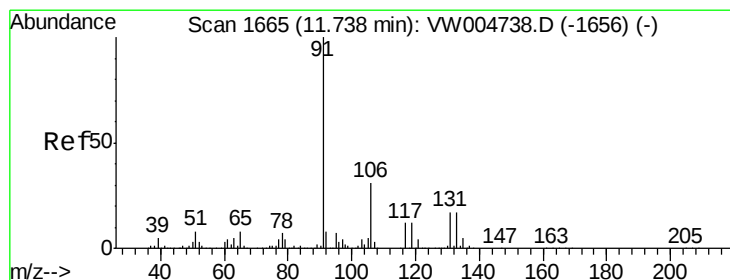
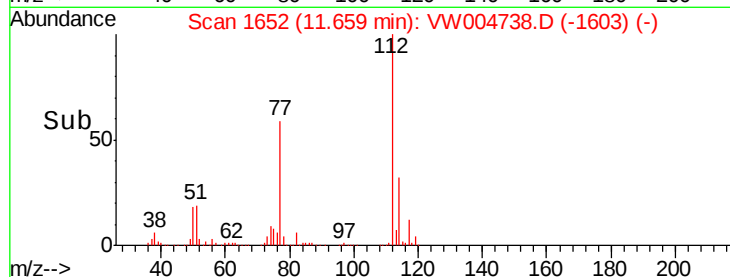
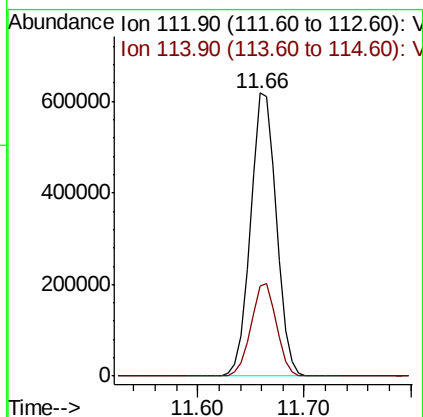
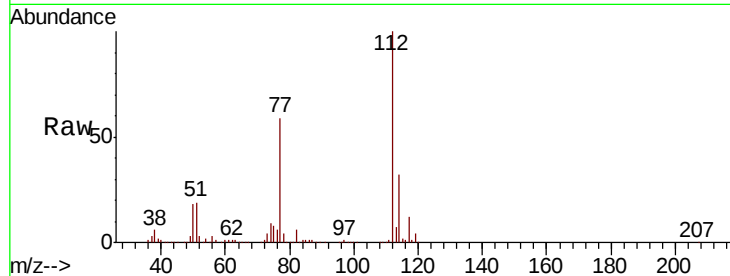




#65
Chlorobenzene
Concen: 49.104 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

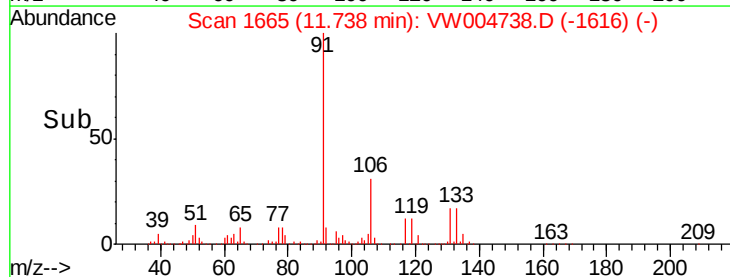
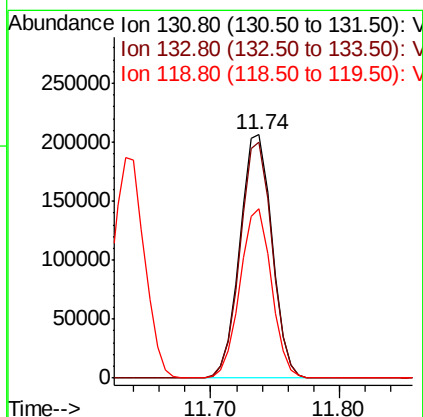
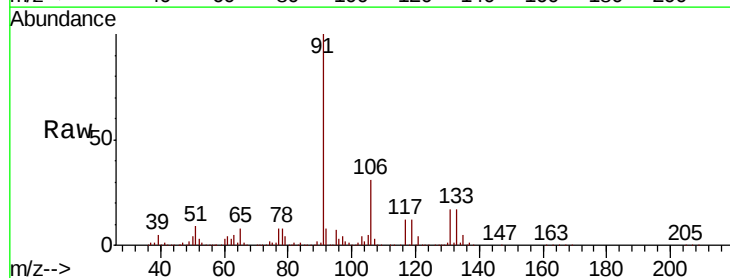
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

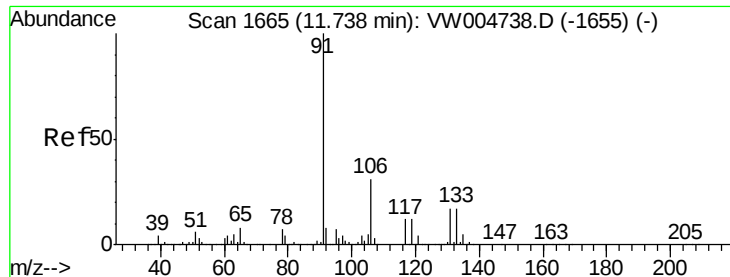
Tgt Ion:112 Resp: 1052497
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.193 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion:131 Resp: 356025
Ion Ratio Lower Upper
131 100
133 96.4 48.2 144.6
119 68.0 34.0 102.0

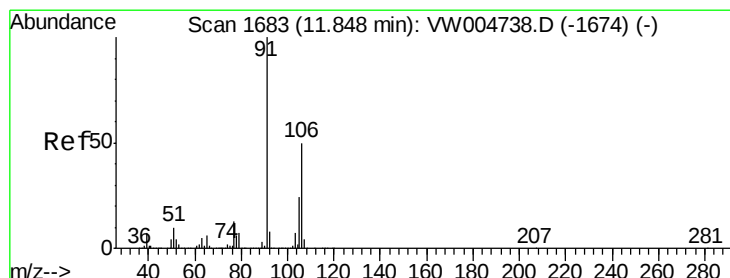
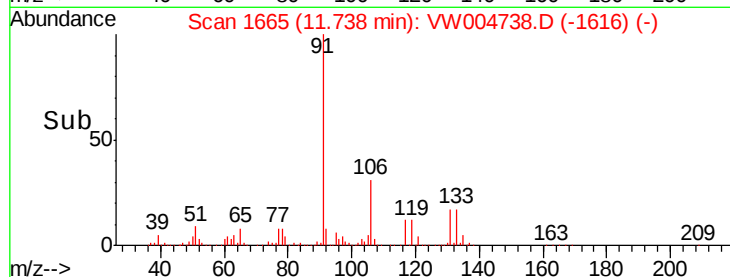
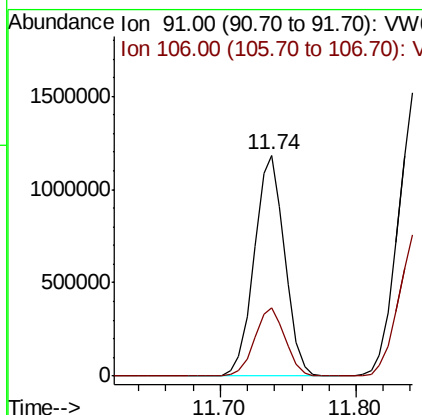
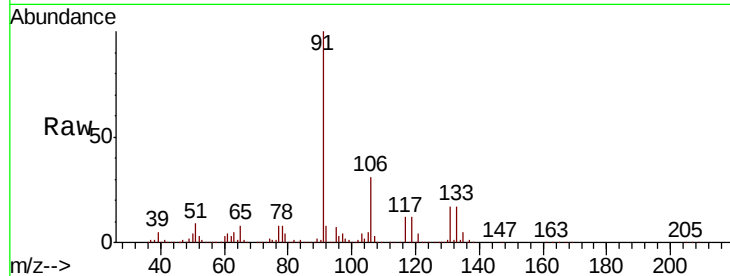




#67
Ethyl Benzene
Concen: 51.073 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

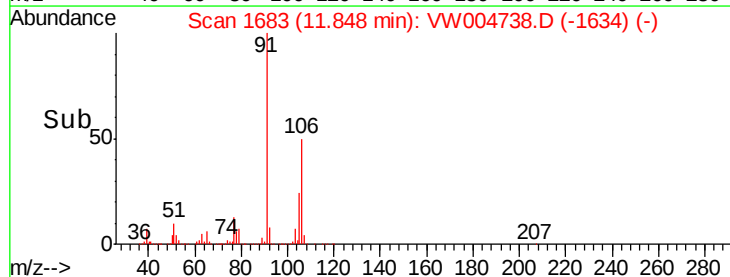
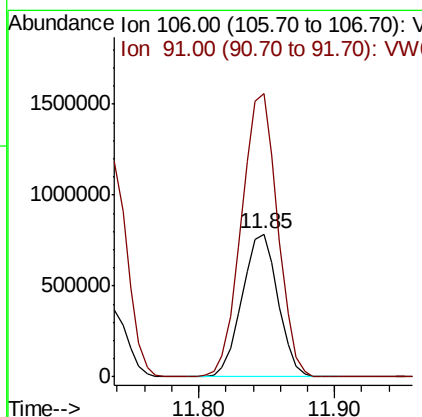
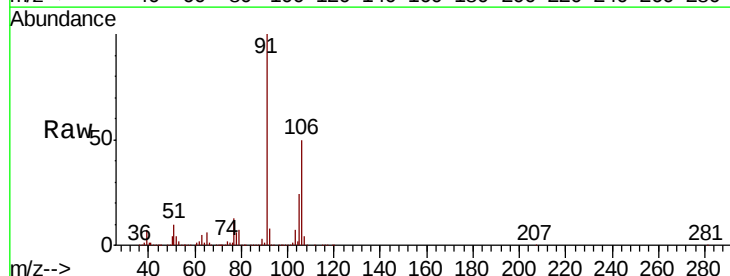
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

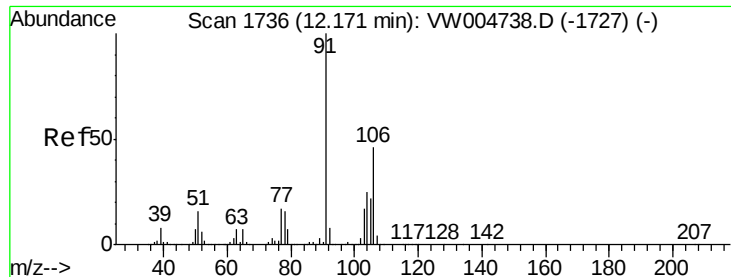
Tgt Ion: 91 Resp: 1855837
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 102.513 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 106 Resp: 1449238
Ion Ratio Lower Upper
106 100
91 199.9 159.9 239.9

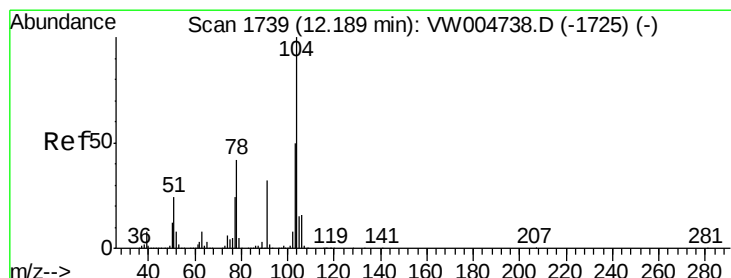
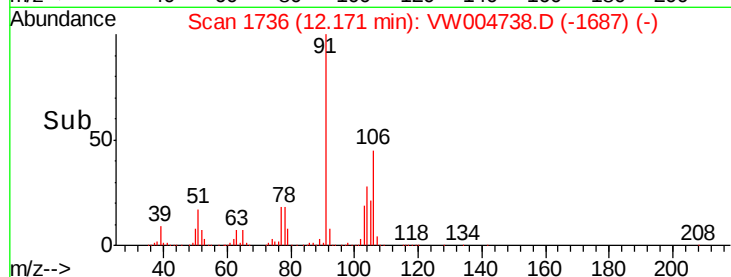
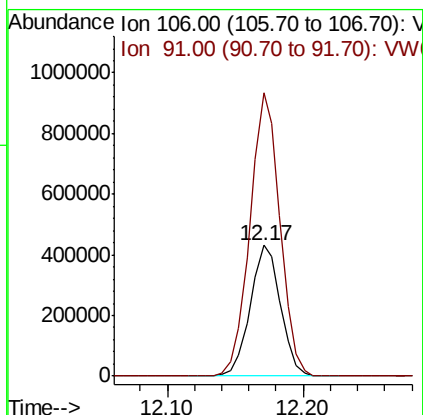
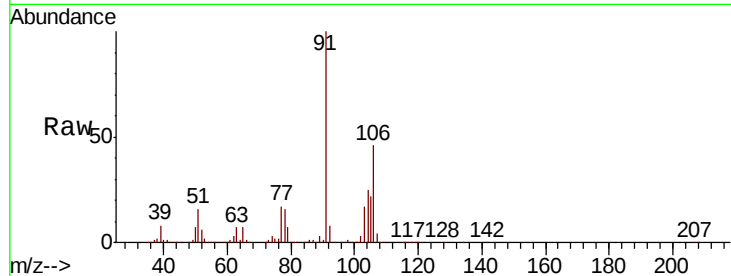




#69
o-Xylene
Concen: 51.463 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

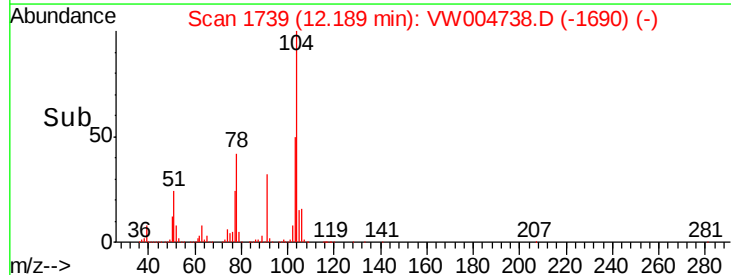
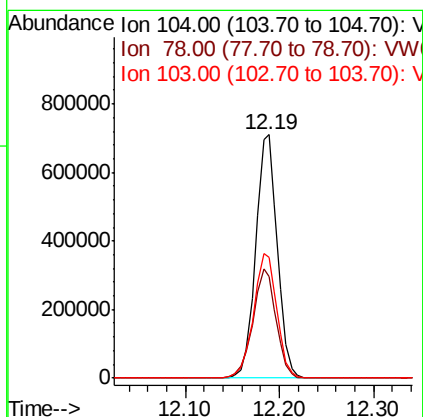
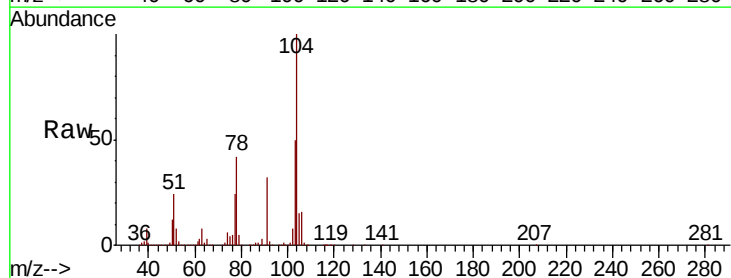
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

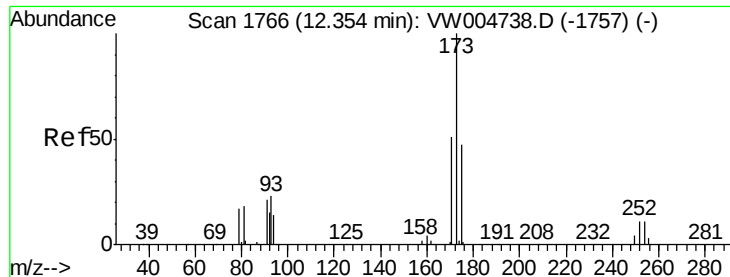
Tgt Ion:106 Resp: 673509
Ion Ratio Lower Upper
106 100
91 214.5 107.3 321.8



#70
Styrene
Concen: 52.261 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion:104 Resp: 1148906
Ion Ratio Lower Upper
104 100
78 48.0 38.4 57.6
103 55.1 44.1 66.1





#71

Bromoform

Concen: 50.362 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

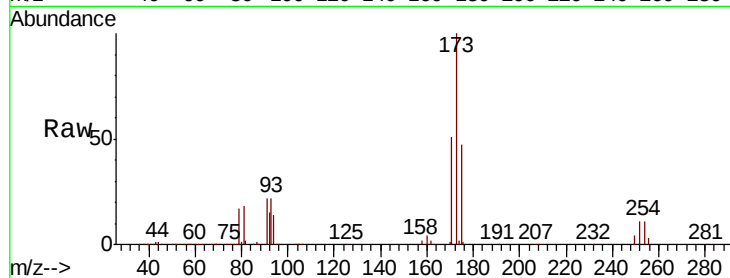
Tgt Ion:173 Resp: 192382

Ion Ratio Lower Upper

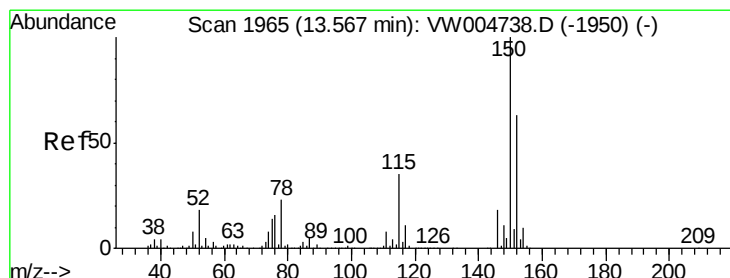
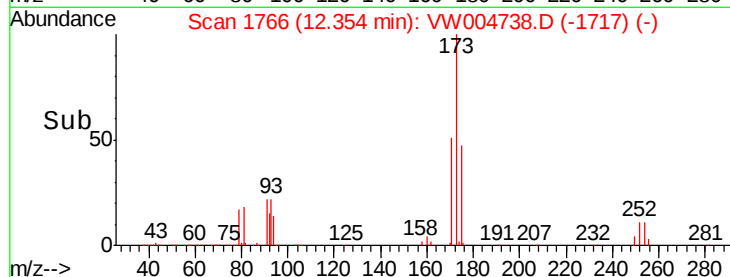
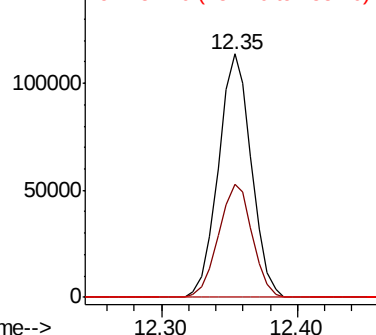
173 100

175 47.6 23.8 71.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

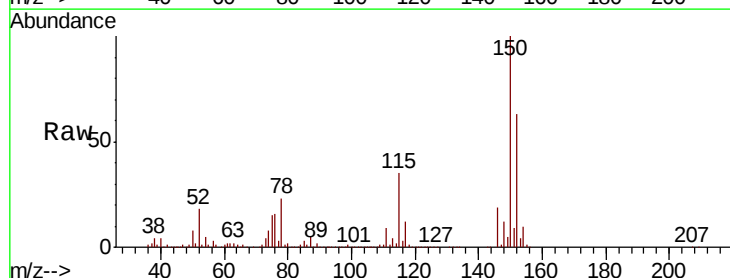
Tgt Ion:152 Resp: 538093

Ion Ratio Lower Upper

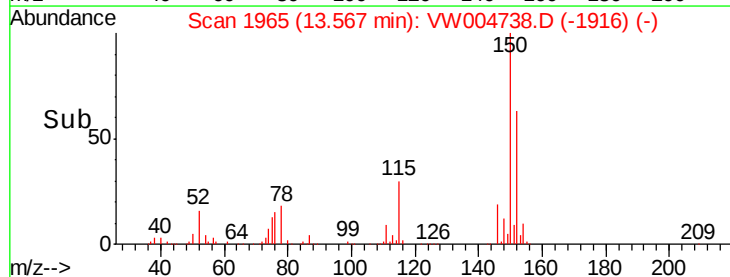
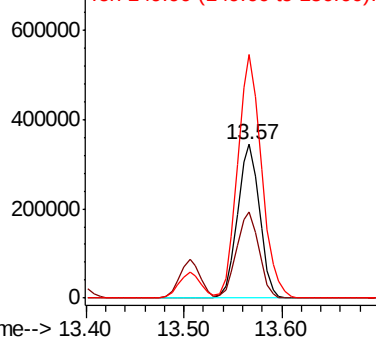
152 100

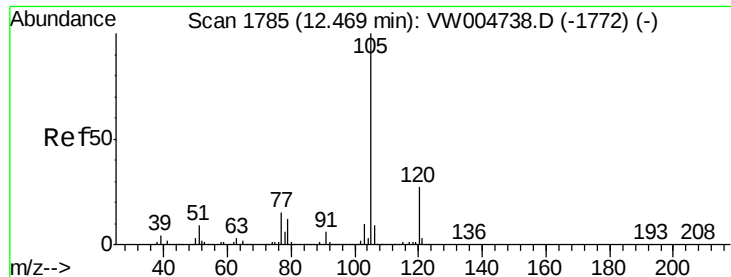
115 57.0 28.5 85.5

150 172.4 0.0 344.8



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





#73

Isopropylbenzene

Concen: 51.303 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

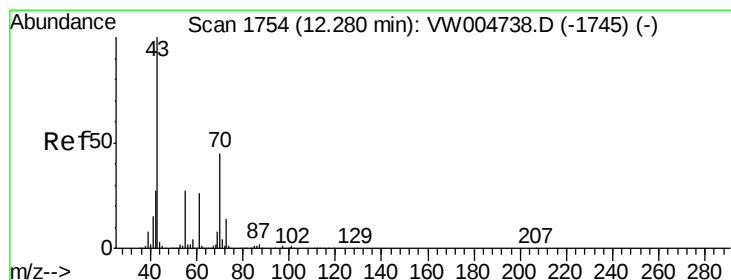
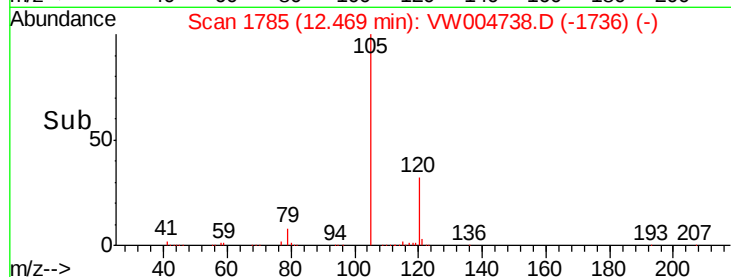
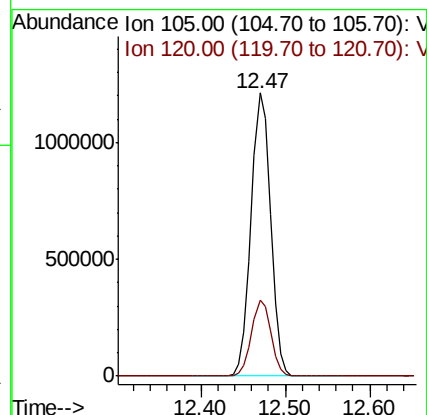
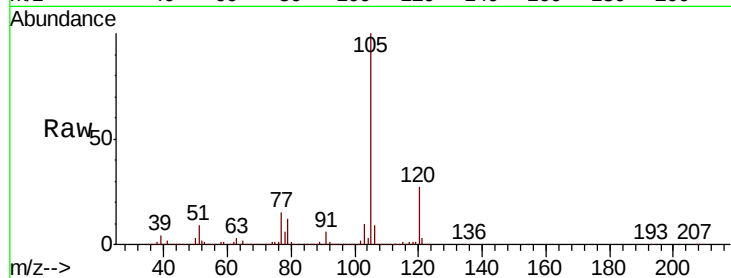
VSTDICCC050

Tgt Ion: 105 Resp: 1878076

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 50.511 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Tgt Ion: 43 Resp: 387615

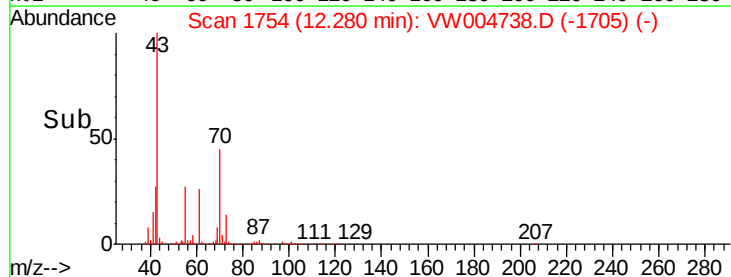
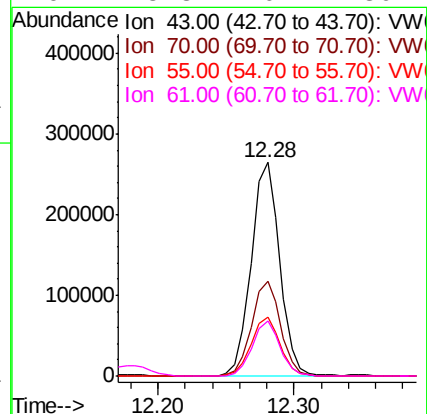
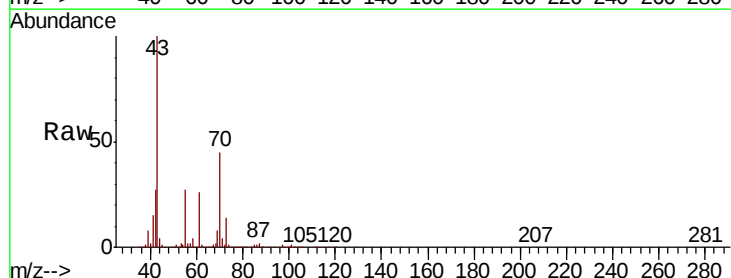
Ion Ratio Lower Upper

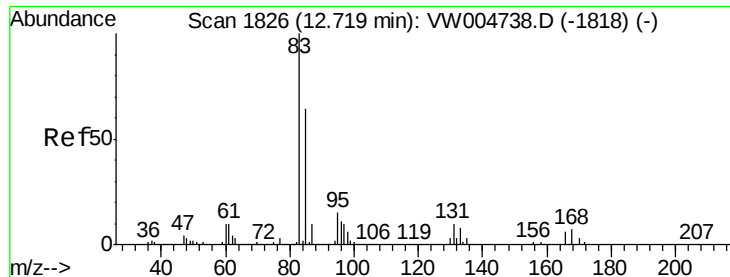
43 100

70 45.4 36.3 54.5

55 28.2 22.6 33.8

61 25.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.054 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

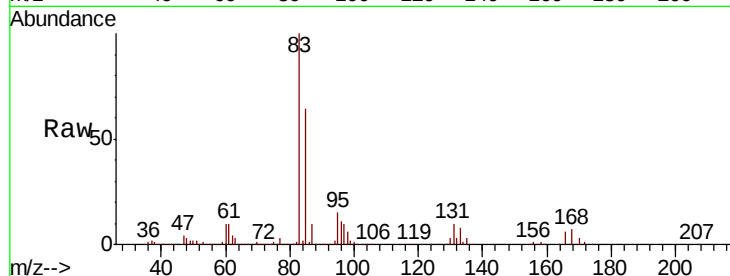
Tgt Ion: 83 Resp: 332654

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

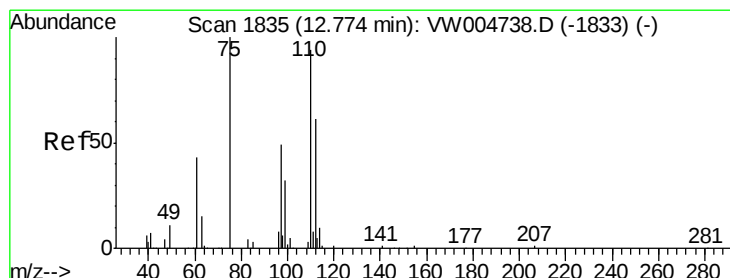
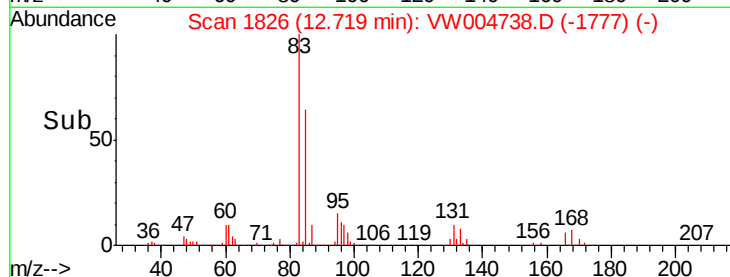
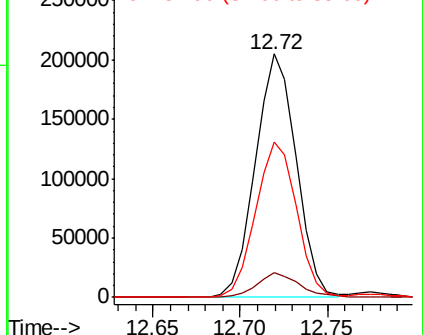
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 54.432 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004738.D

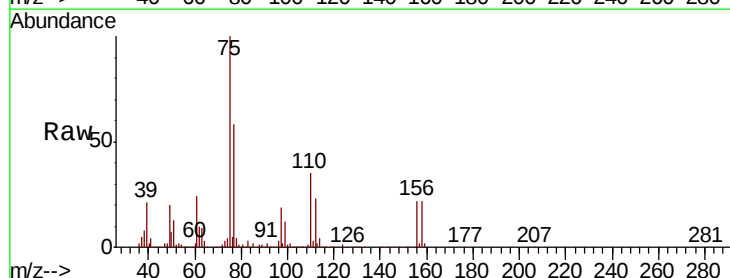
Acq: 17 Aug 2018 17:12

Tgt Ion: 75 Resp: 433838

Ion Ratio Lower Upper

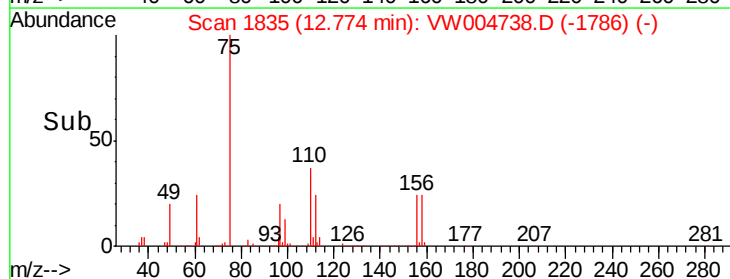
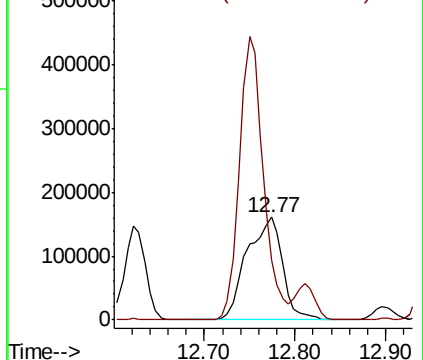
75 100

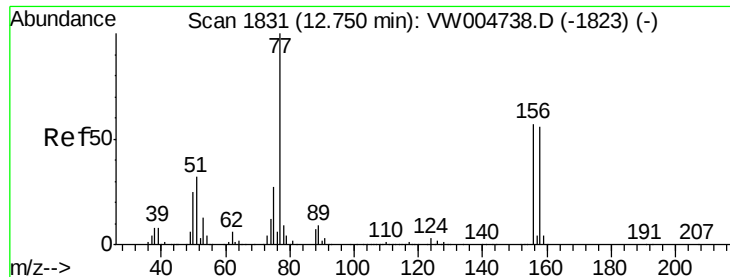
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

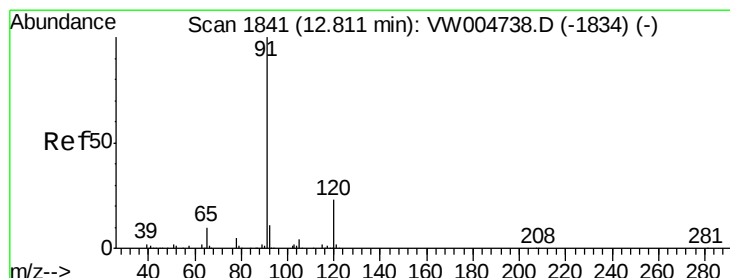
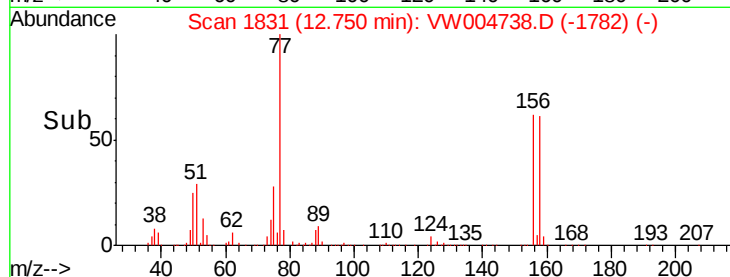
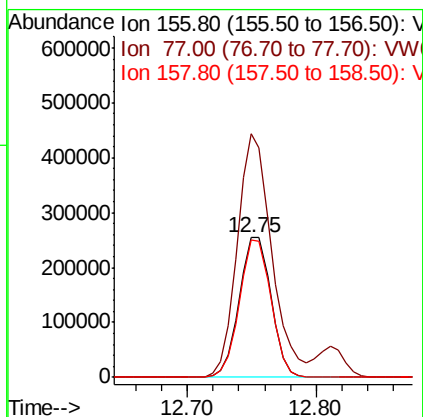
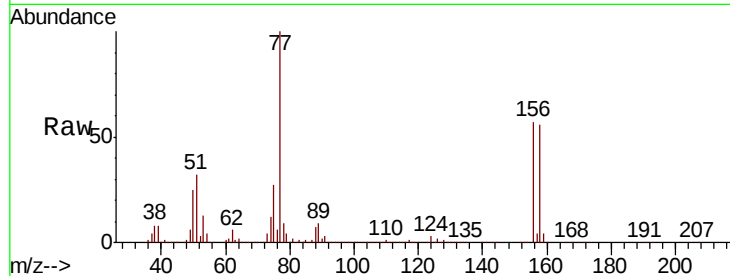




#77
Bromobenzene
Concen: 49.052 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

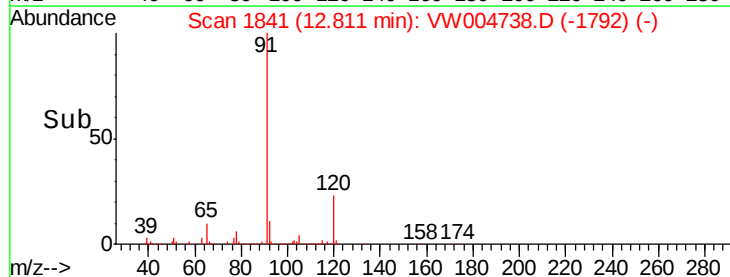
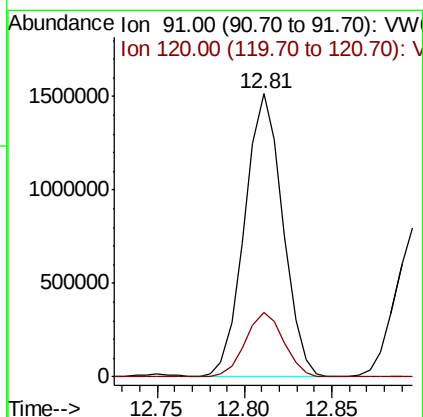
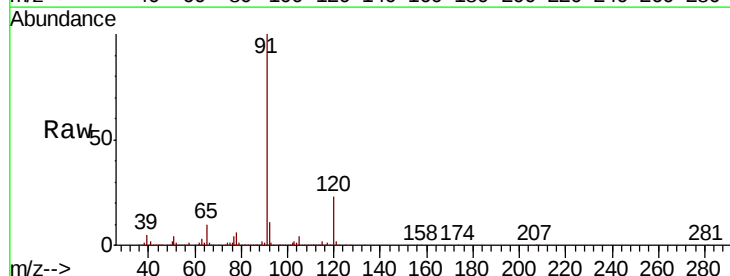
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

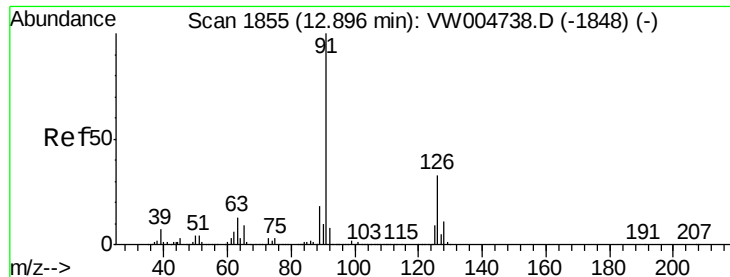
Tgt Ion:156 Resp: 434636
Ion Ratio Lower Upper
156 100
77 188.3 94.2 282.4
158 97.3 48.6 145.9



#78
n-propylbenzene
Concen: 51.415 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 91 Resp: 2296739
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 49.949 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

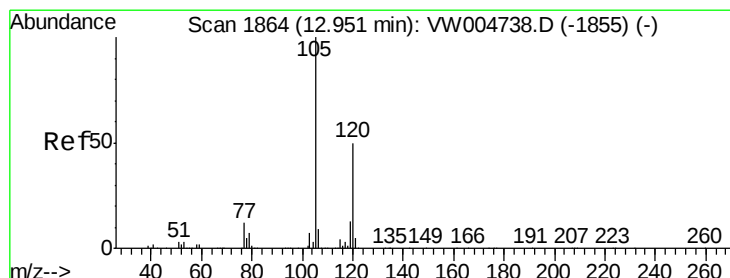
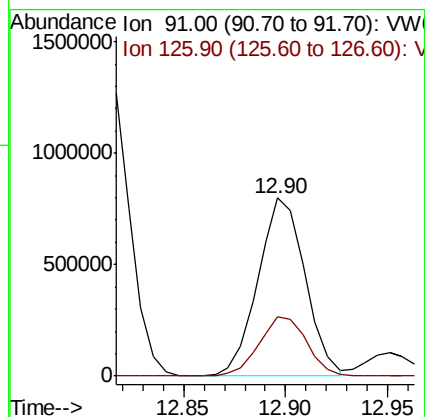
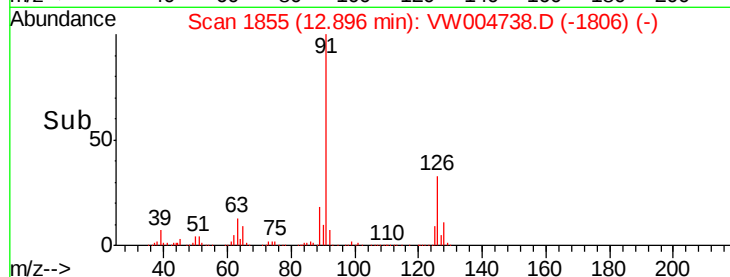
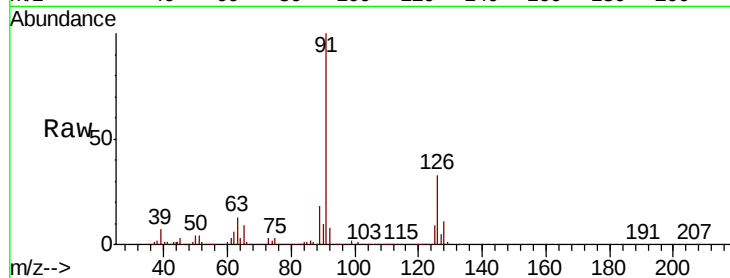
VSTDICCC050

Tgt Ion: 91 Resp: 1286110

Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 51.461 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004738.D

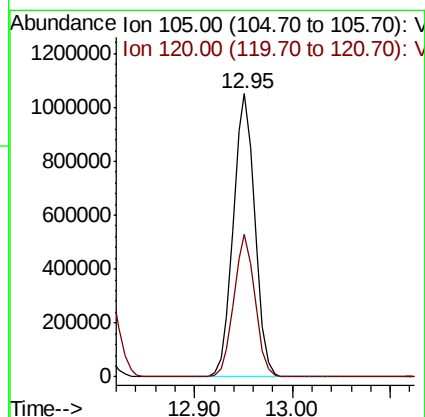
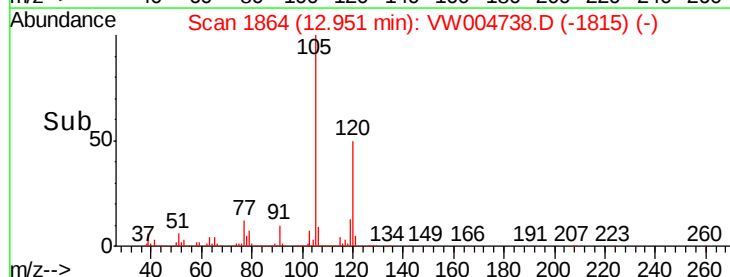
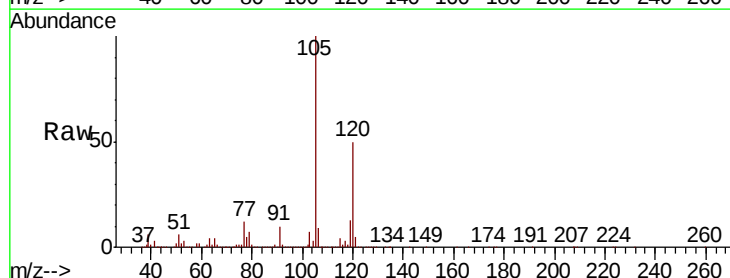
Acq: 17 Aug 2018 17:12

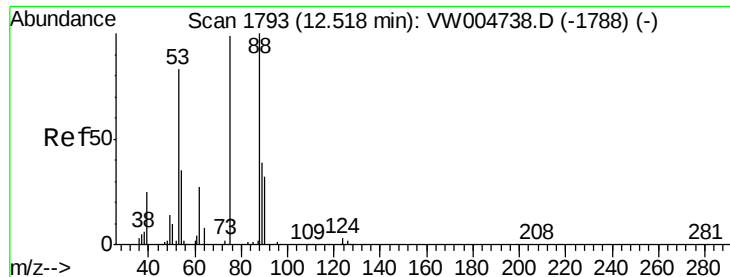
Tgt Ion: 105 Resp: 1600419

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1

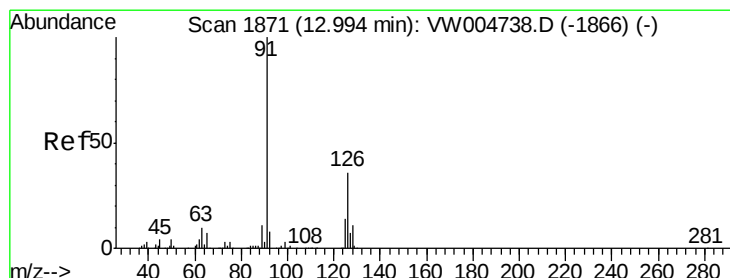
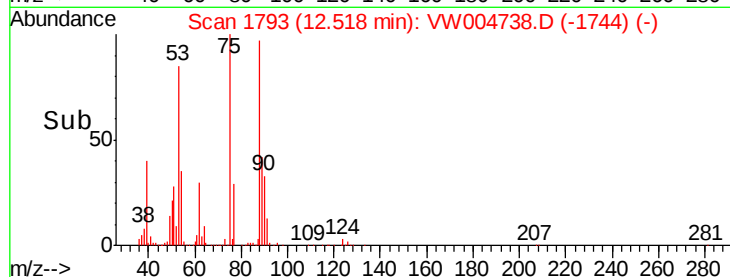
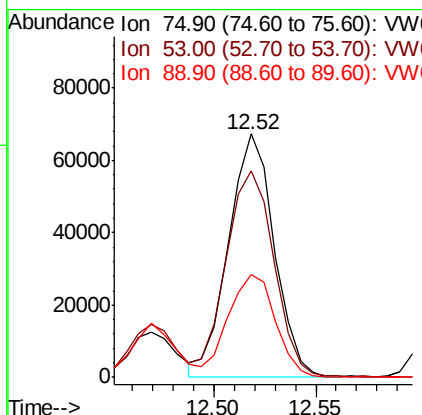
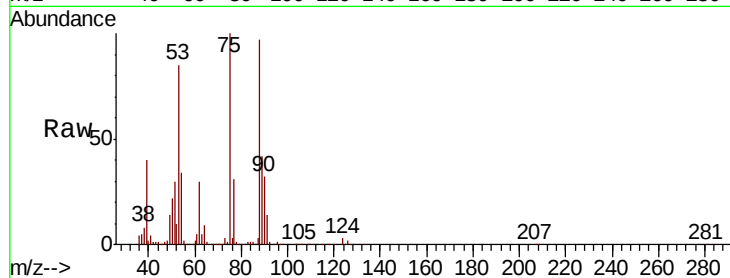




#81
trans-1,4-Dichloro-2-butene
Concen: 50.788 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

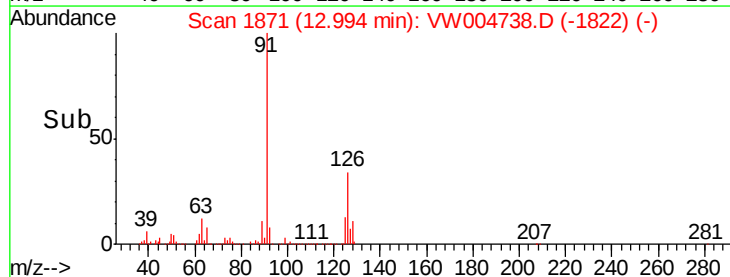
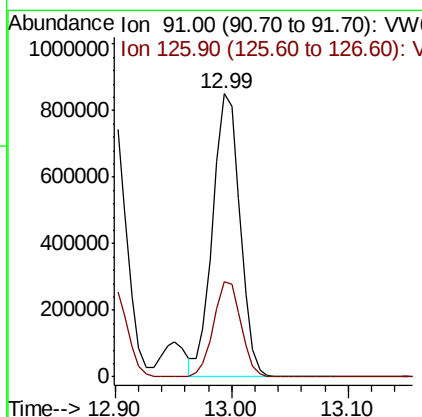
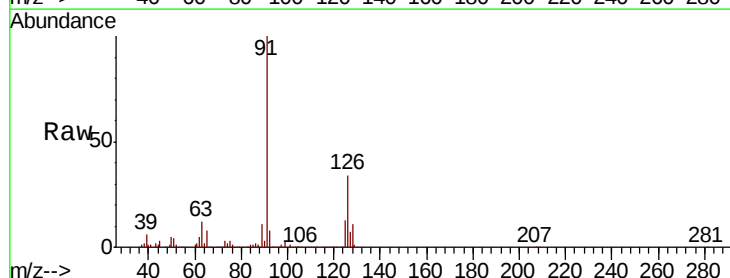
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

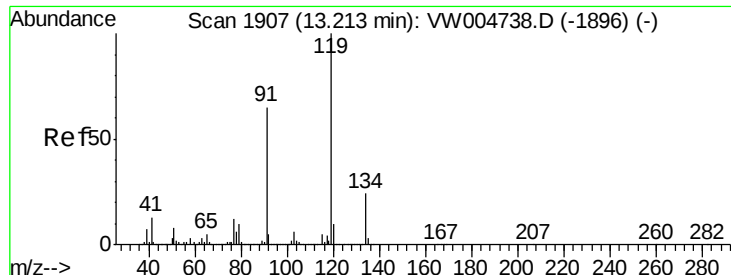
Tgt Ion: 75 Resp: 103648
Ion Ratio Lower Upper
75 100
53 90.3 72.2 108.4
89 44.0 35.2 52.8



#82
4-Chlorotoluene
Concen: 50.152 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion: 91 Resp: 1372066
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7

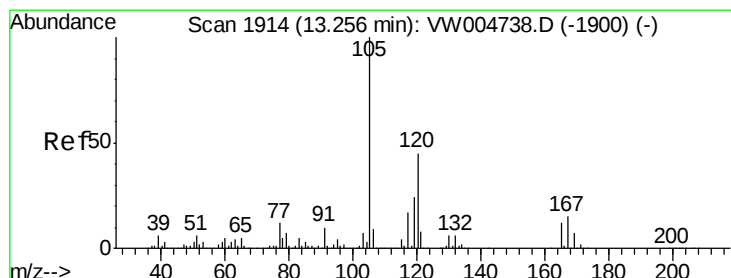
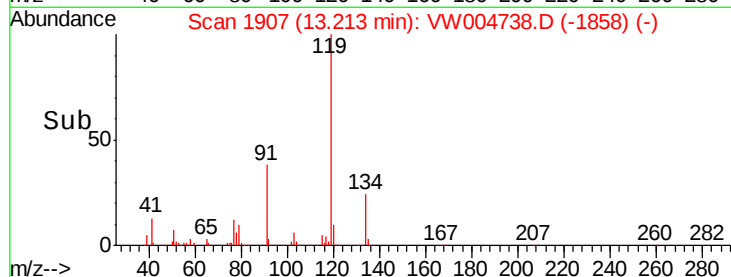
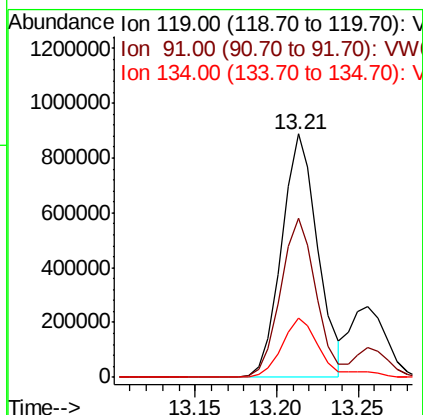
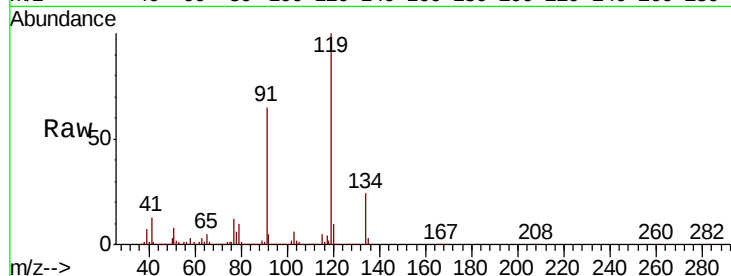




#83
 tert-Butylbenzene
 Concen: 51.407 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

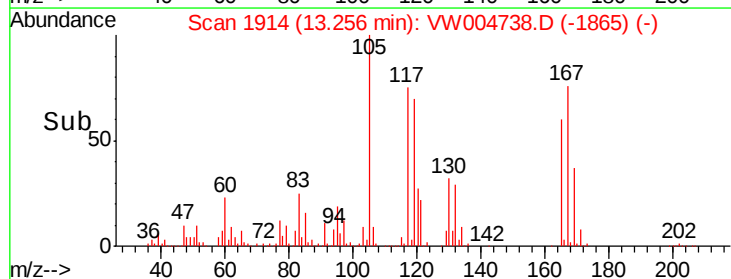
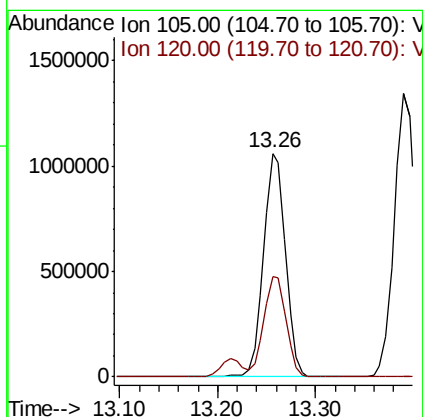
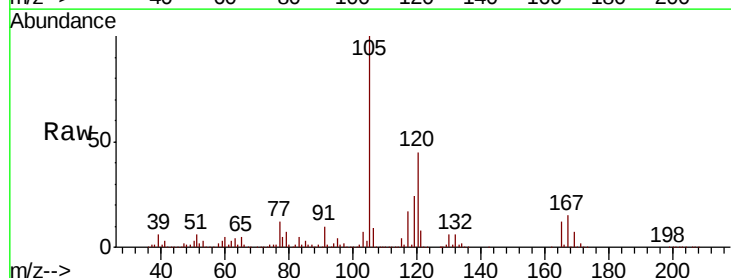
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

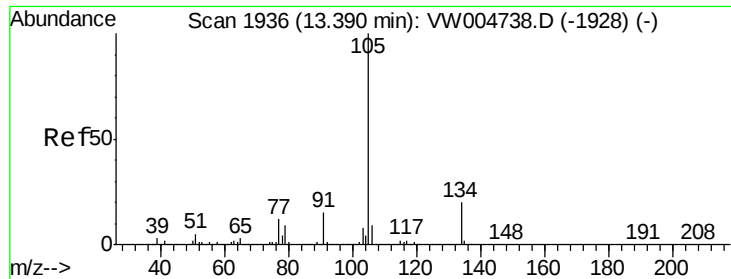
Tgt Ion:119 Resp: 1367455
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.6 97.8
 134 26.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.612 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion:105 Resp: 1651411
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3

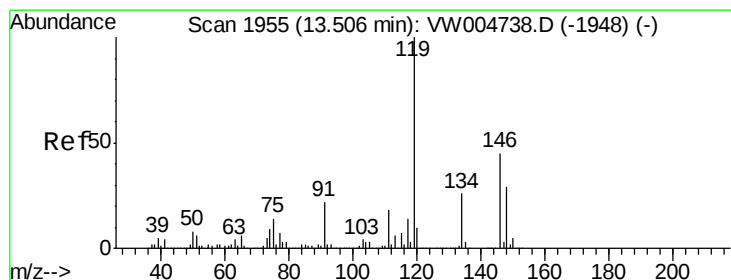
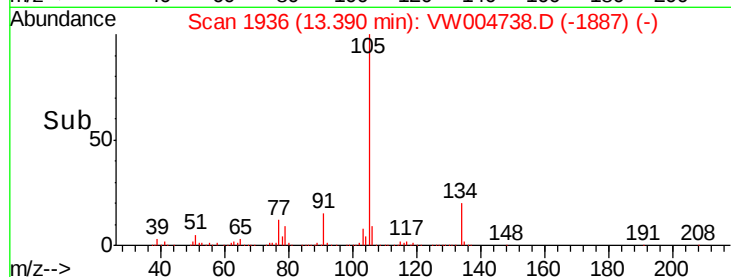
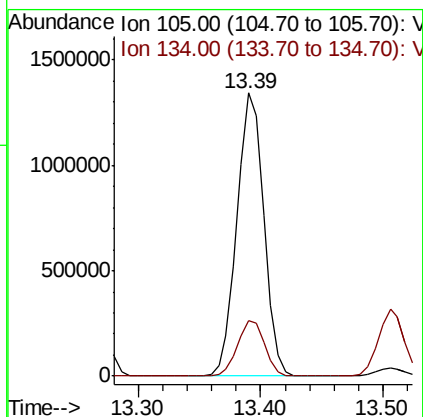
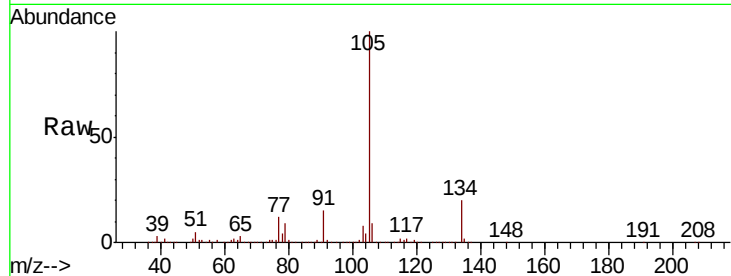




#85
 sec-Butylbenzene
 Concen: 51.404 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

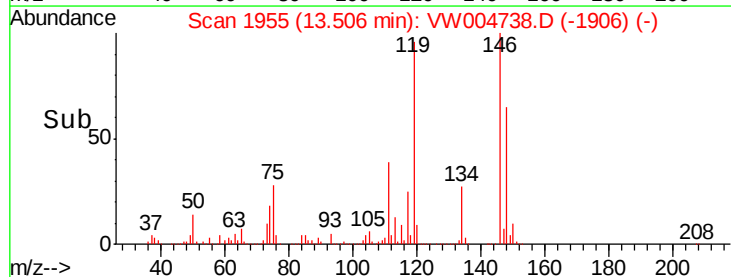
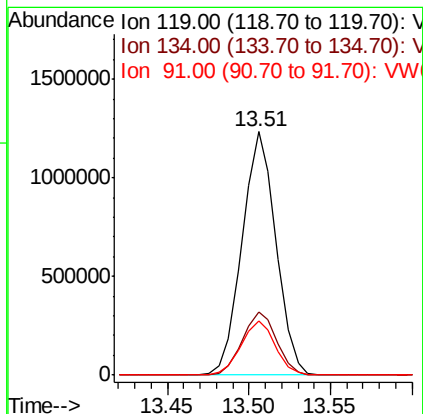
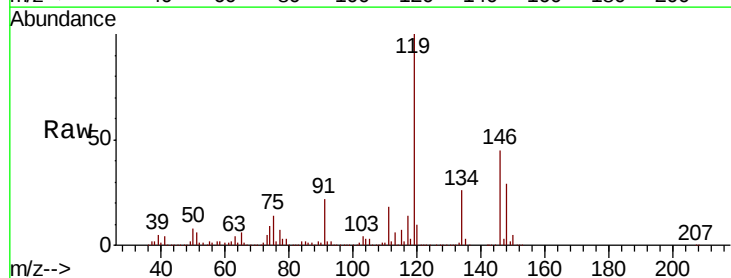
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

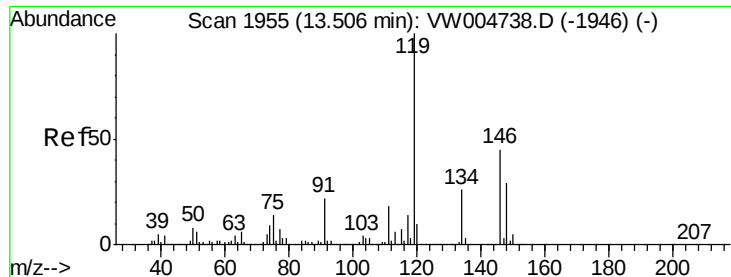
Tgt Ion:105 Resp: 2041509
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.652 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion:119 Resp: 1784903
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.829 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

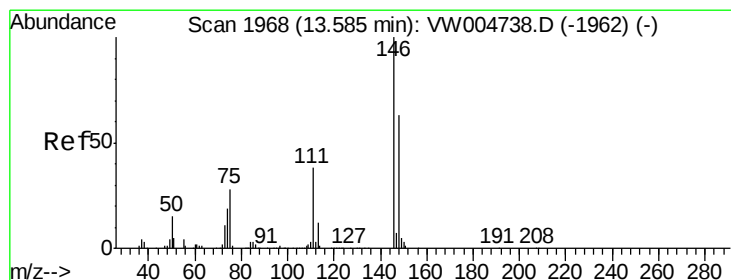
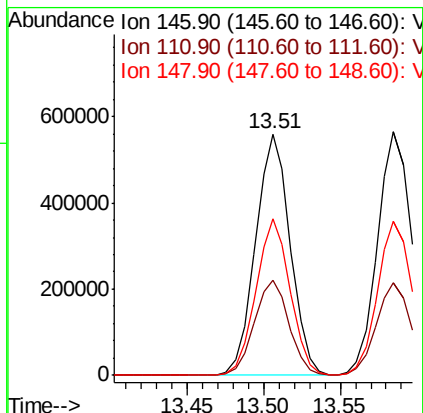
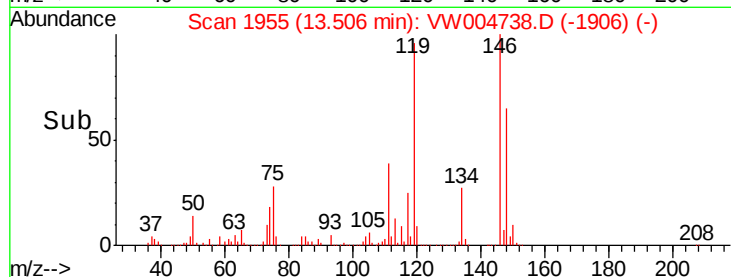
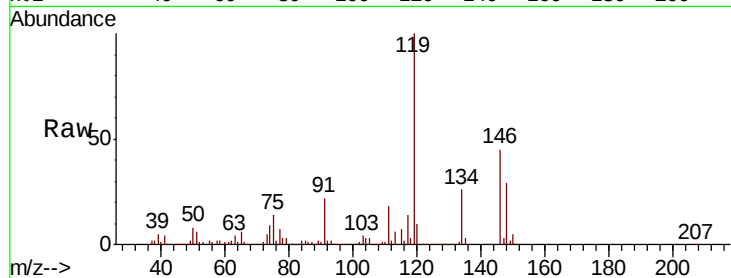
Tgt Ion:146 Resp: 880062

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.755 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

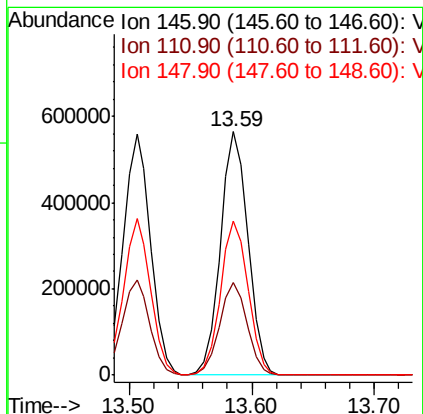
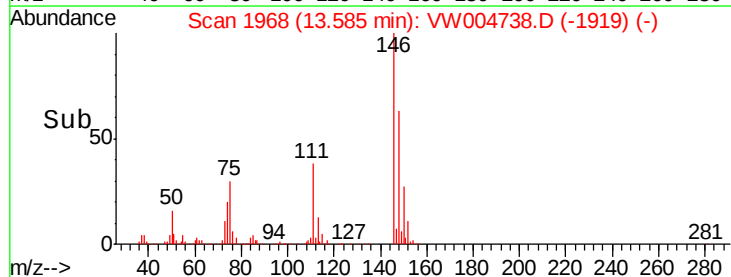
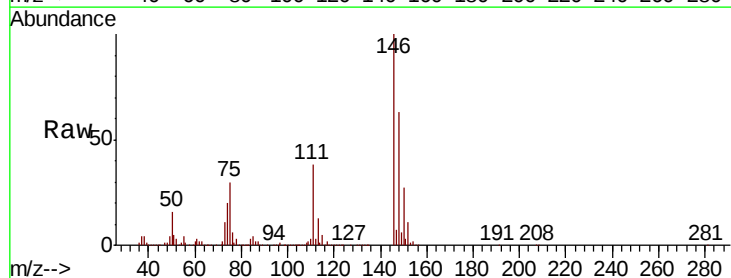
Tgt Ion:146 Resp: 878376

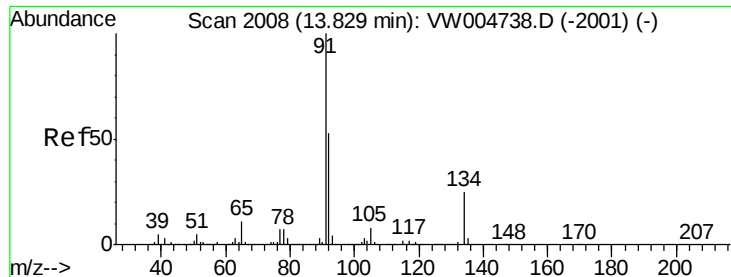
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 51.485 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004738.D

Acq: 17 Aug 2018 17:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

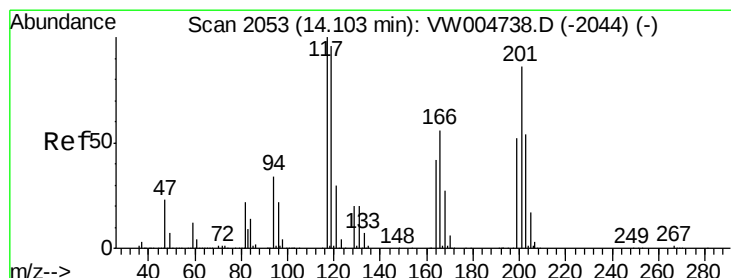
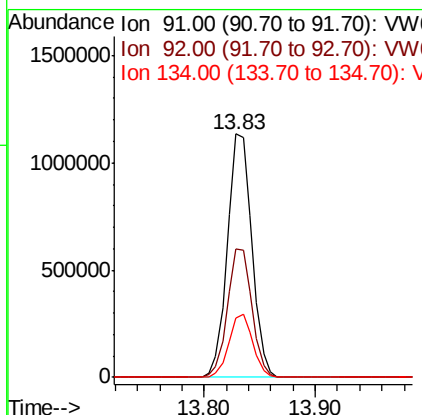
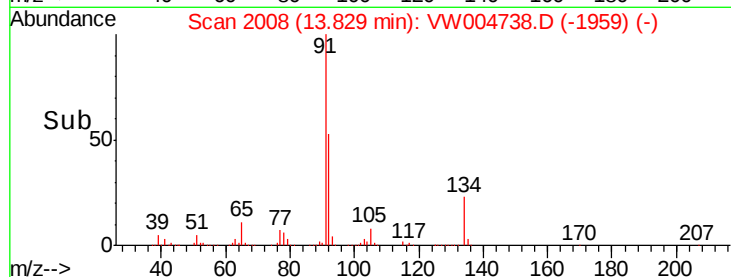
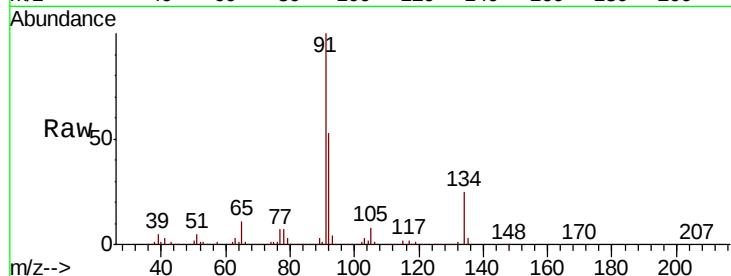
Tgt Ion: 91 Resp: 1720170

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 48.746 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004738.D

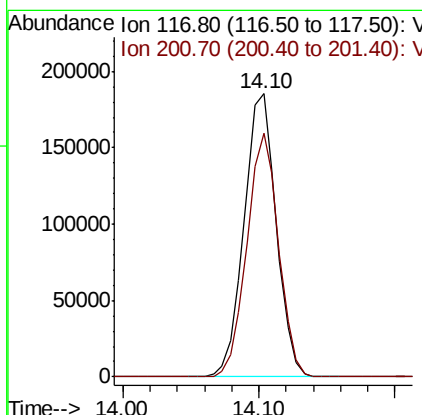
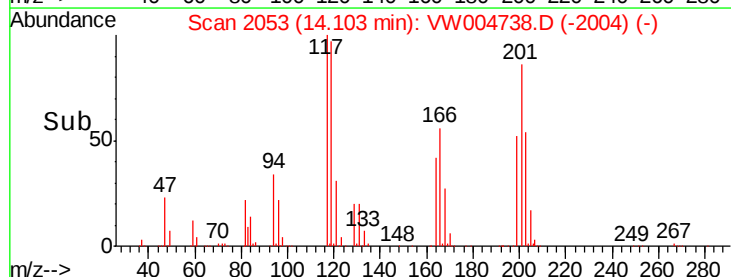
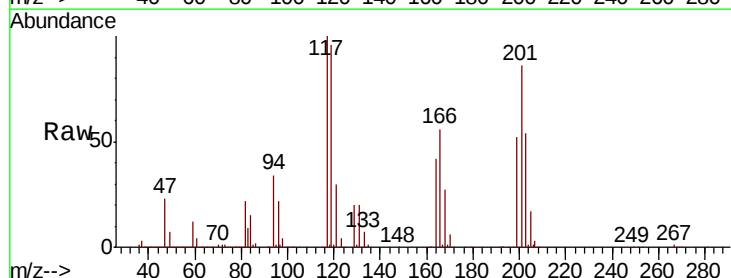
Acq: 17 Aug 2018 17:12

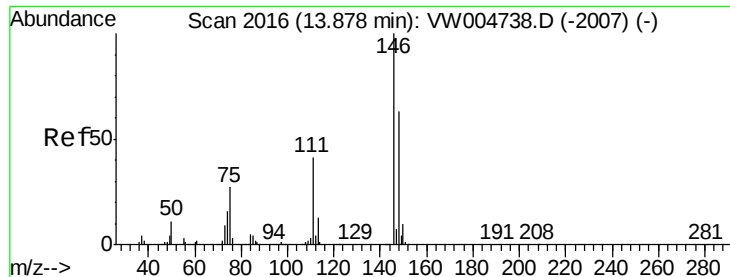
Tgt Ion: 117 Resp: 307040

Ion Ratio Lower Upper

117 100

201 84.8 42.4 127.2

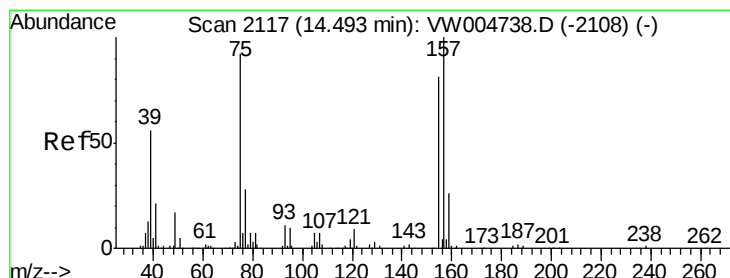
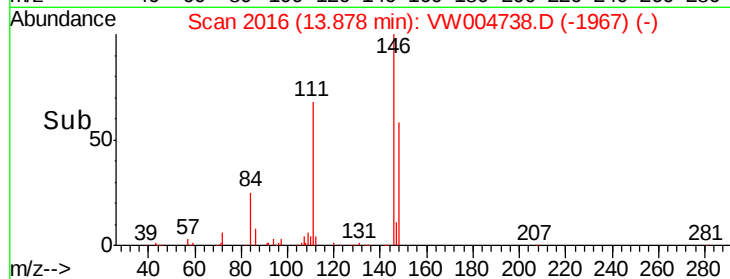
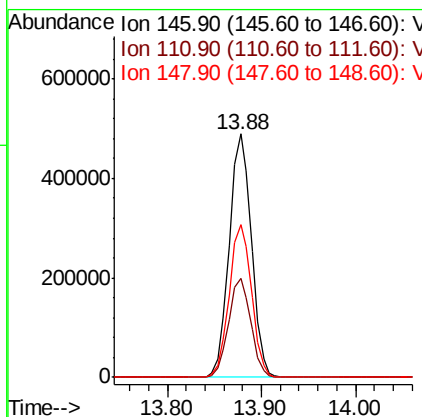
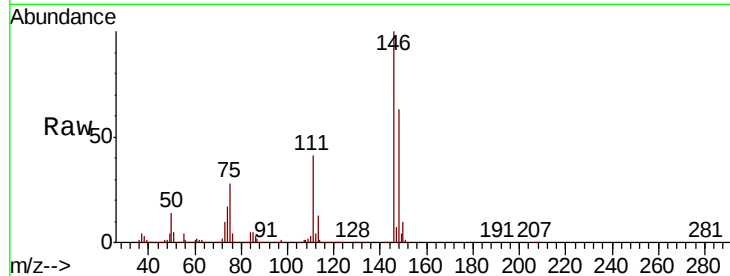




#91
 1,2-Dichlorobenzene
 Concen: 49.163 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

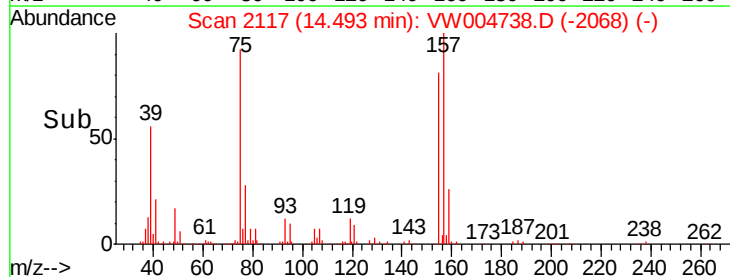
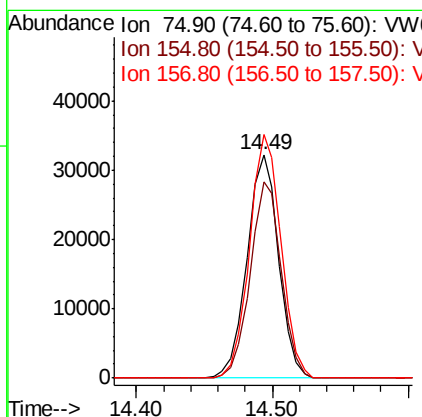
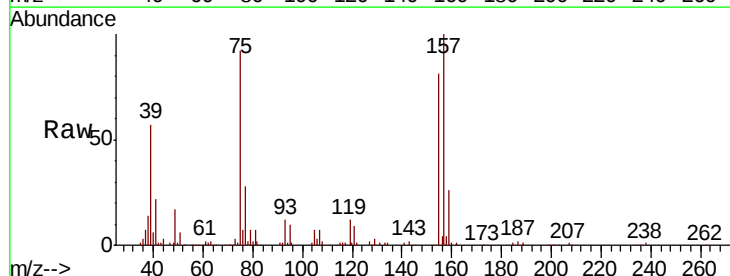
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

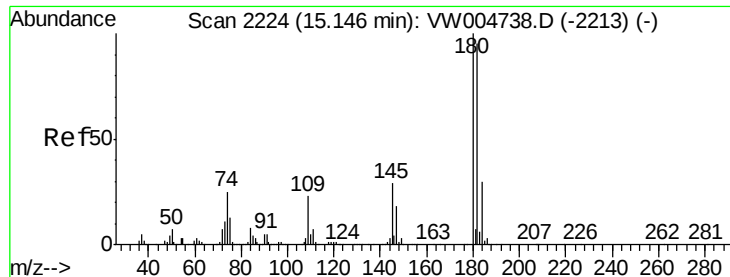
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	63.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.358 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	43.3	129.9
157	109.1	54.5	163.6

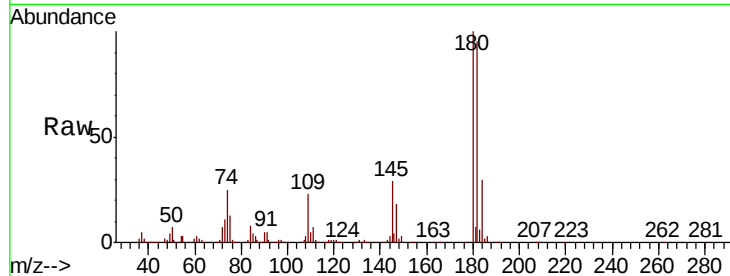




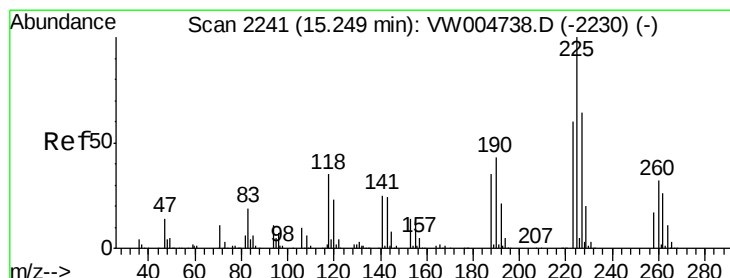
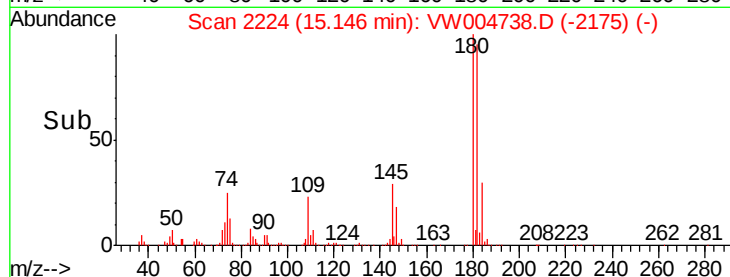
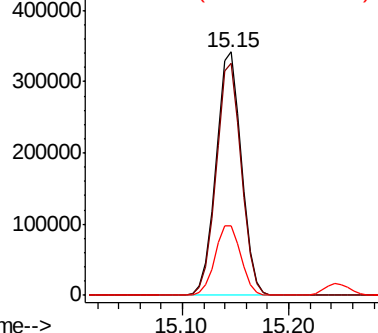
#93
 1,2,4-Trichlorobenzene
 Concen: 49.923 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 571604
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 29.2 14.6 43.8

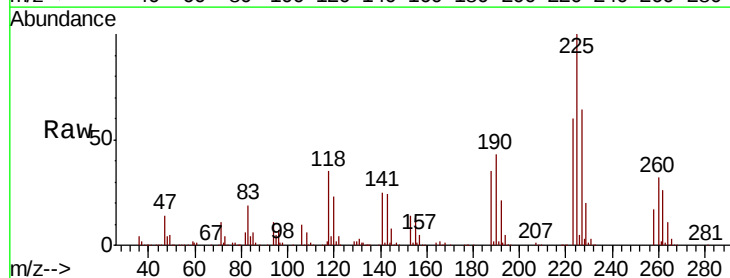


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

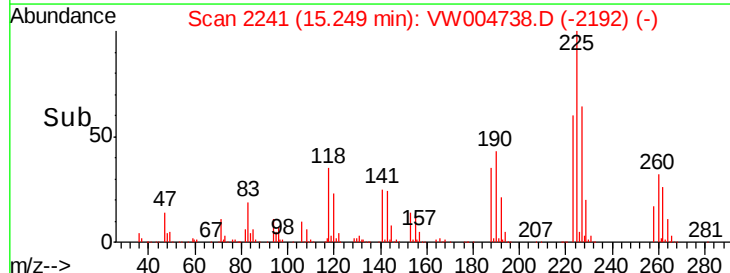
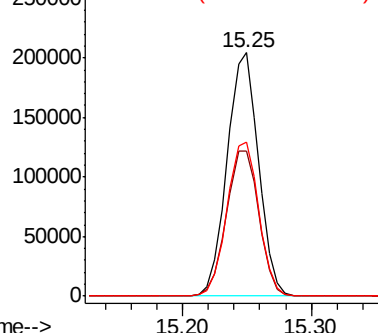


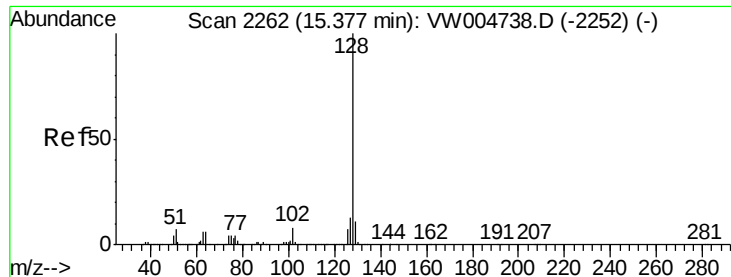
#94
 Hexachlorobutadiene
 Concen: 48.974 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW004738.D
 Acq: 17 Aug 2018 17:12

Tgt Ion:225 Resp: 344183
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.5
 227 64.0 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

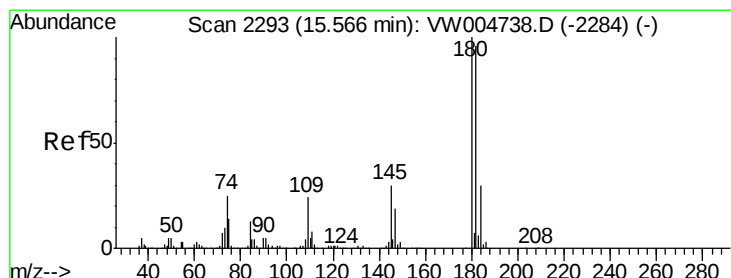
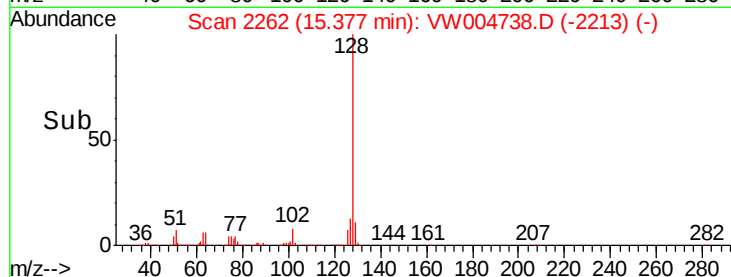
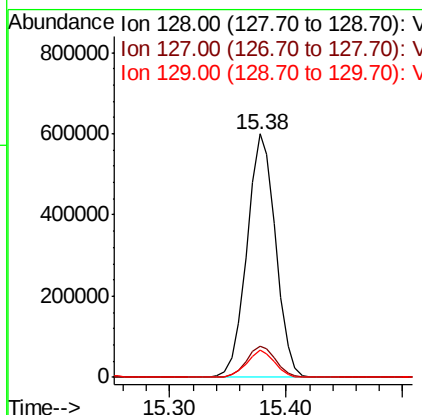
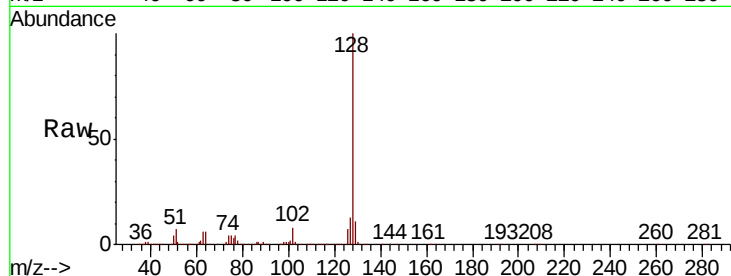




#95
Naphthalene
Concen: 51.898 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1027627
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.021 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004738.D
Acq: 17 Aug 2018 17:12

Tgt Ion:180 Resp: 507884
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 30.7 15.4 46.1

