

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
 Data File : VW012058.D
 Acq On : 21 Aug 2019 08:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 05:11:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162343	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147584	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	7.88	113	122304	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
50) Toluene-d8	10.32	98	496945	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
62) 4-Bromofluorobenzene	12.62	95	173237	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	69106	50.112	ug/l	93
3) Chloromethane	2.21	50	109647	45.853	ug/l	99
4) Vinyl Chloride	2.36	62	143723	49.923	ug/l	100
5) Bromomethane	2.78	94	72934	45.769	ug/l	98
6) Chloroethane	2.92	64	84271	51.245	ug/l	100
7) Trichlorofluoromethane	3.26	101	75297	58.523	ug/l	97
8) Diethyl Ether	3.68	74	72887	49.964	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	127419	52.206	ug/l	100
10) Methyl Iodide	4.27	142	174084	50.472	ug/l	100
11) Tert butyl alcohol	5.18	59	44354	208.567	ug/l	98
12) 1,1-Dichloroethene	4.04	96	131520	51.036	ug/l	95
13) Acrolein	3.89	56	47616	233.557	ug/l	99
14) Allyl chloride	4.67	41	284643	51.932	ug/l	99
15) Acrylonitrile	5.37	53	179919	247.069	ug/l	99
16) Acetone	4.12	43	212833	235.482	ug/l	97
17) Carbon Disulfide	4.39	76	376714	46.706	ug/l	99
18) Methyl Acetate	4.67	43	94769	46.675	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	209603	51.255	ug/l	97
20) Methylene Chloride	4.92	84	140596	45.105	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	140033	50.402	ug/l	95
22) Diisopropyl ether	6.31	45	520154	50.335	ug/l	97
23) Vinyl Acetate	6.25	43	1627356	250.622	ug/l	99
24) 1,1-Dichloroethane	6.21	63	280471	50.678	ug/l	99
25) 2-Butanone	7.17	43	278548	235.524	ug/l	96
26) 2,2-Dichloropropane	7.17	77	161710	47.511	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	152549	49.889	ug/l	99
28) Bromochloromethane	7.51	49	126081	51.325	ug/l	100
29) Tetrahydrofuran	7.53	42	160684	237.689	ug/l	100
30) Chloroform	7.67	83	254174	49.781	ug/l	98
31) Cyclohexane	7.95	56	258919	48.737	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	205303	52.798	ug/l	99
36) 1,1-Dichloropropene	8.08	75	216160	53.328	ug/l	99
37) Ethyl Acetate	7.25	43	114668	49.171	ug/l	98
38) Carbon Tetrachloride	8.07	117	186355	53.705	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241368	54.079	ug/l	96
40) Benzene	8.32	78	582778	51.329	ug/l	99
41) Methacrylonitrile	7.48	41	69377	49.768	ug/l	96
42) 1,2-Dichloroethane	8.40	62	177970	50.066	ug/l	99
43) Isopropyl Acetate	8.42	43	220391	51.388	ug/l	99
44) Trichloroethene	9.09	130	142652	52.275	ug/l	98
45) 1,2-Dichloropropane	9.37	63	157729	51.921	ug/l	99
46) Dibromomethane	9.46	93	70709	50.996	ug/l	100
47) Bromodichloromethane	9.64	83	187121	51.448	ug/l	99
48) Methyl methacrylate	9.43	41	105134	51.032	ug/l	97
49) 1,4-Dioxane	9.46	88	20803	1036.194	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	558288	250.264	ug/l	100
52) Toluene	10.39	92	358553	52.294	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	196806	51.800	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	235316	52.091	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100474	51.072	ug/l	100
56) Ethyl methacrylate	10.65	69	150605	52.315	ug/l	99
57) 1,3-Dichloropropane	10.93	76	188677	50.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	427708	327.222	ug/l	100
59) 2-Hexanone	10.97	43	417582	265.117	ug/l	99
60) Dibromochloromethane	11.13	129	113616	52.028	ug/l	98
61) 1,2-Dibromoethane	11.24	107	94364	50.686	ug/l	100
64) Tetrachloroethene	10.87	164	116858	53.538	ug/l	95
65) Chlorobenzene	11.66	112	356788	52.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	124067	52.848	ug/l	99
67) Ethyl Benzene	11.73	91	693884	54.057	ug/l	100
68) m/p-Xylenes	11.84	106	501100	107.346	ug/l	100
69) o-Xylene	12.16	106	233671	53.868	ug/l	99
70) Styrene	12.18	104	404989	53.997	ug/l	99
71) Bromoform	12.35	173	63297	52.882	ug/l	98
73) Isopropylbenzene	12.46	105	655950	54.161	ug/l	100
74) N-amyl acetate	12.27	43	199564	52.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116678	51.217	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	157945	91.947	ug/l #	100
77) Bromobenzene	12.75	156	139997	52.297	ug/l	99
78) n-propylbenzene	12.80	91	800541	54.313	ug/l	100
79) 2-Chlorotoluene	12.89	91	450771	53.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	550756	54.250	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39977	53.635	ug/l	99
82) 4-Chlorotoluene	12.99	91	471553	52.929	ug/l	100
83) tert-Butylbenzene	13.21	119	469134	55.259	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	544839	53.275	ug/l	100
85) sec-Butylbenzene	13.38	105	670038	55.312	ug/l	100
86) p-Isopropyltoluene	13.50	119	602040	54.776	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	272894	51.991	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	268983	51.515	ug/l	99
89) n-Butylbenzene	13.82	91	600592	54.757	ug/l	100
90) Hexachloroethane	14.09	117	105544	54.306	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	240802	51.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19794	50.953	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

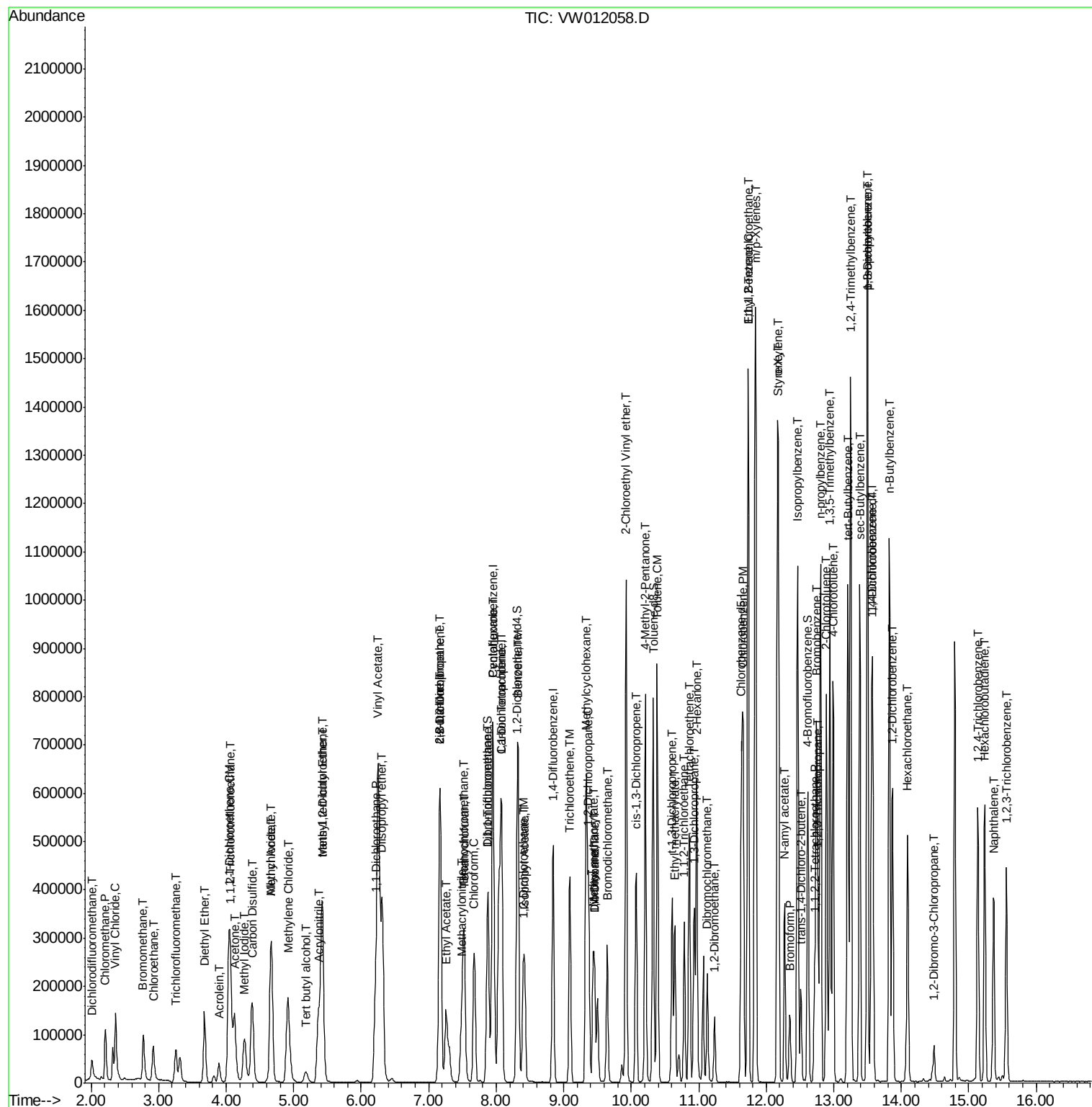
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	175030	53.496	ug/l	99
94) Hexachlorobutadiene	15.24	225	111989	54.887	ug/l	98
95) Naphthalene	15.36	128	317679	49.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	153221	53.425	ug/l	100

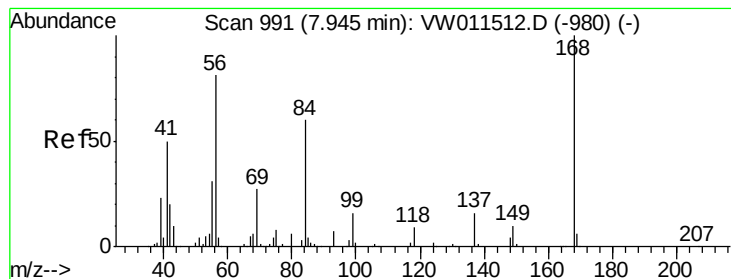
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

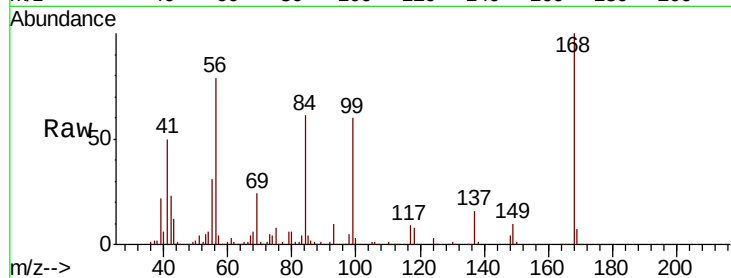
VSTDCCC050

Tgt Ion:168 Resp: 247442

Ion Ratio Lower Upper

168 100

99 59.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

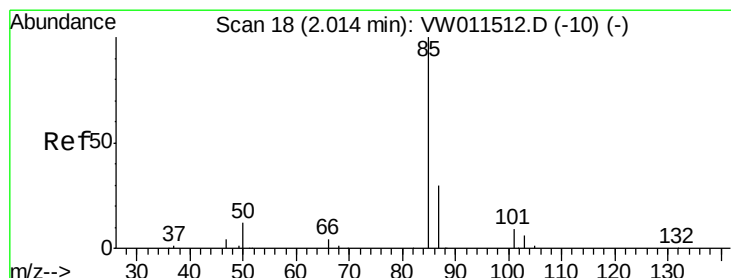
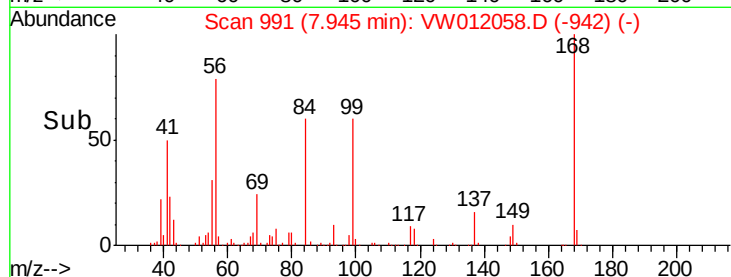
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.112 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012058.D

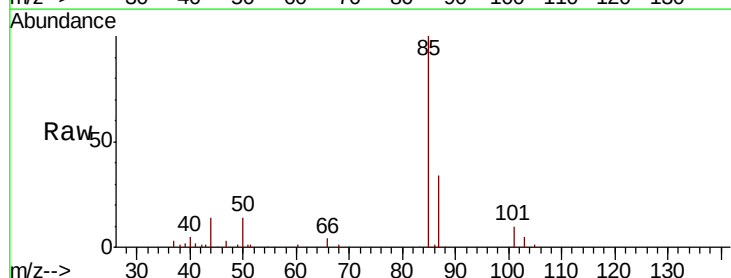
Acq: 21 Aug 2019 08:57

Tgt Ion: 85 Resp: 69106

Ion Ratio Lower Upper

85 100

87 34.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

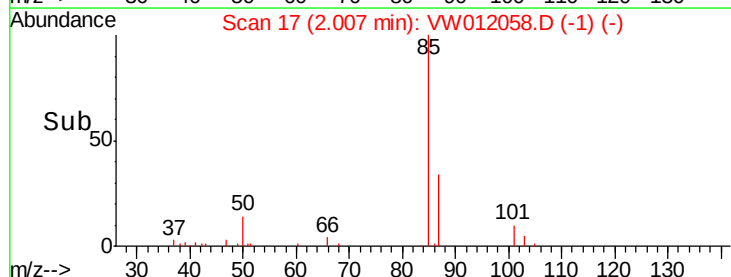
15000

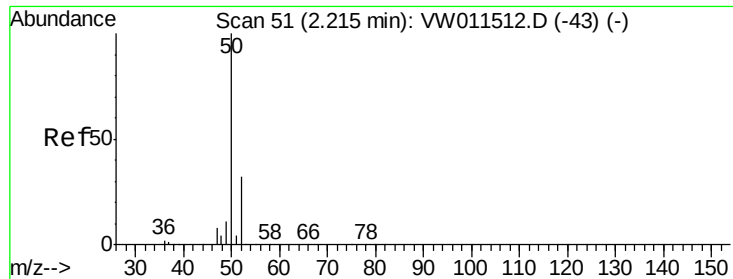
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 45.853 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

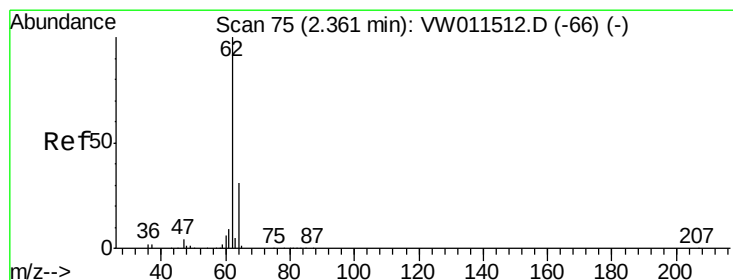
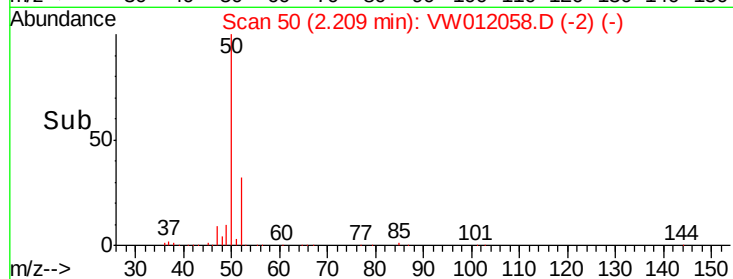
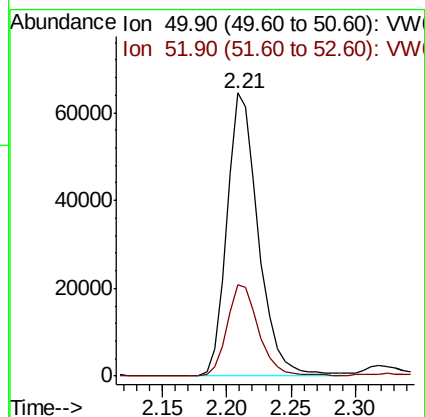
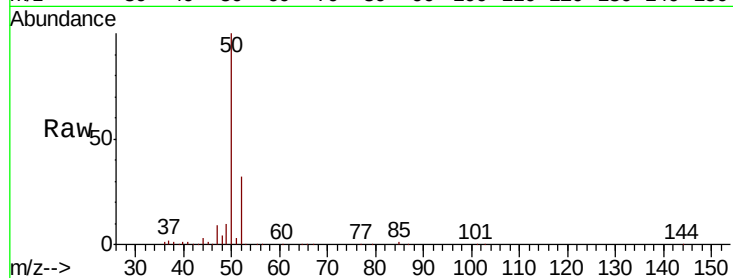
VSTDCCC050

Tgt Ion: 50 Resp: 109647

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 49.923 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012058.D

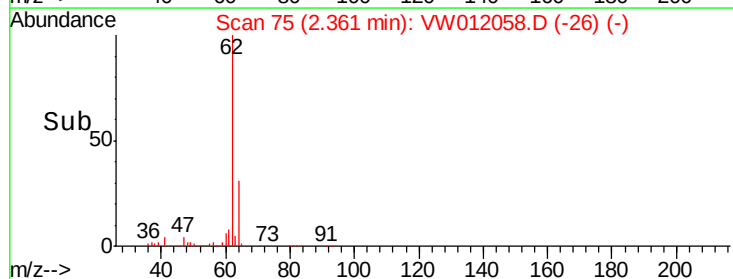
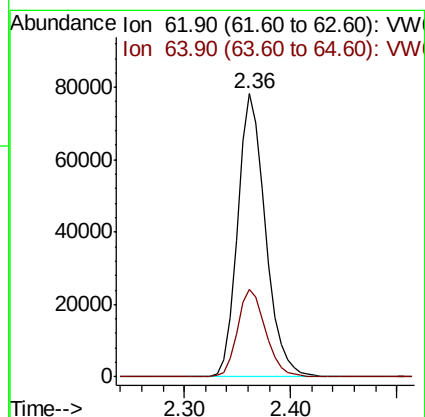
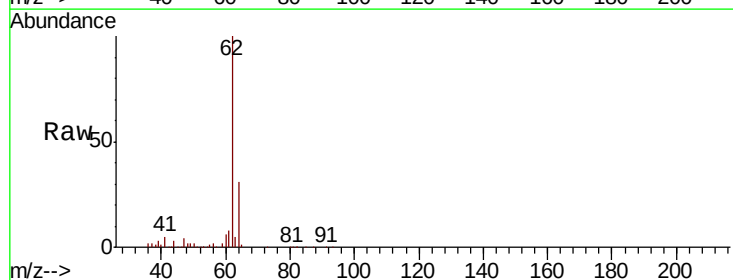
Acq: 21 Aug 2019 08:57

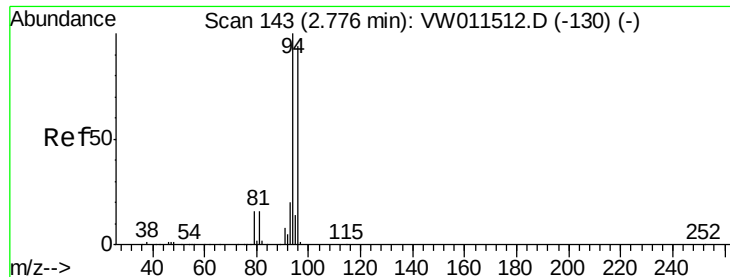
Tgt Ion: 62 Resp: 143723

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 45.769 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

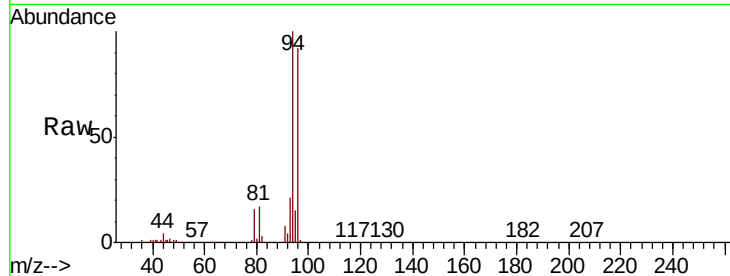
VSTDCCC050

Tgt Ion: 94 Resp: 72934

Ion Ratio Lower Upper

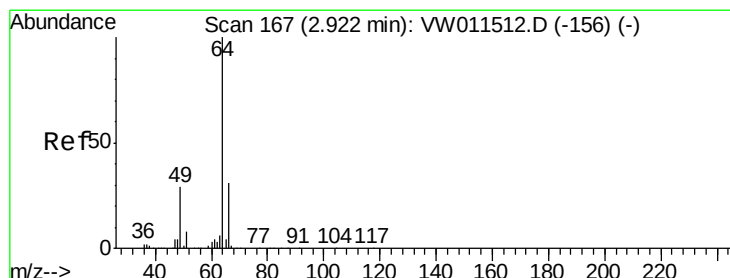
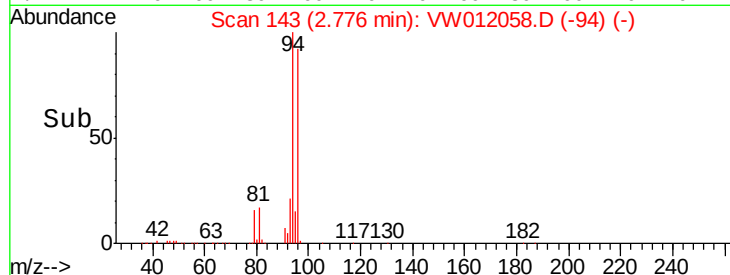
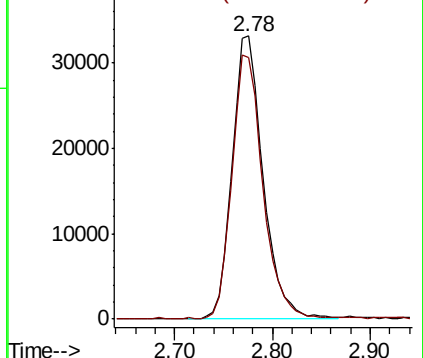
94 100

96 91.8 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.245 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012058.D

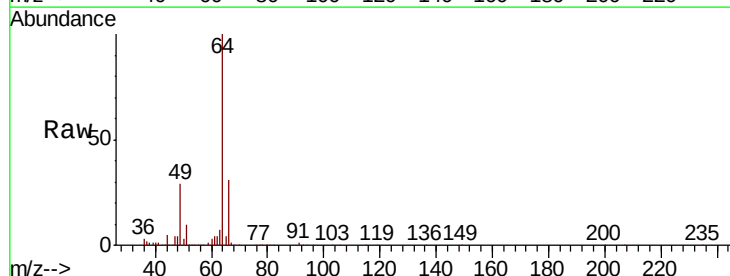
Acq: 21 Aug 2019 08:57

Tgt Ion: 64 Resp: 84271

Ion Ratio Lower Upper

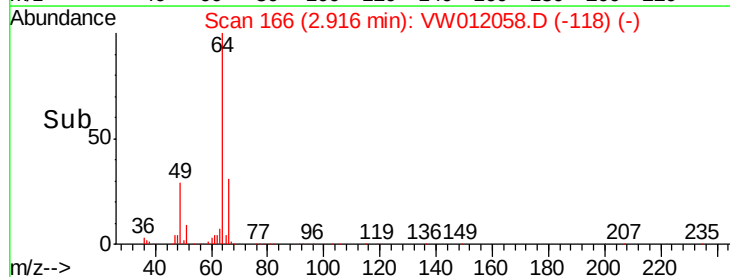
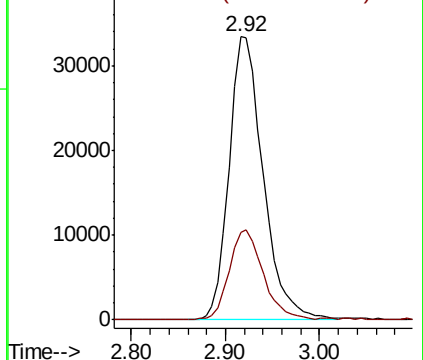
64 100

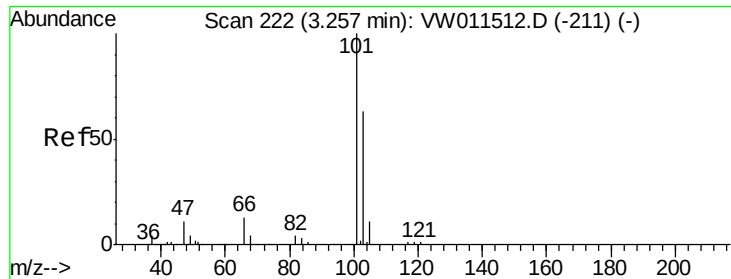
66 30.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



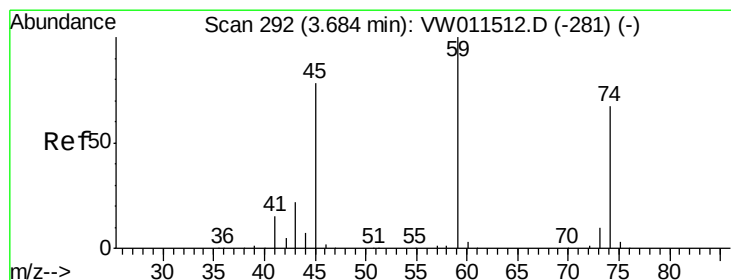
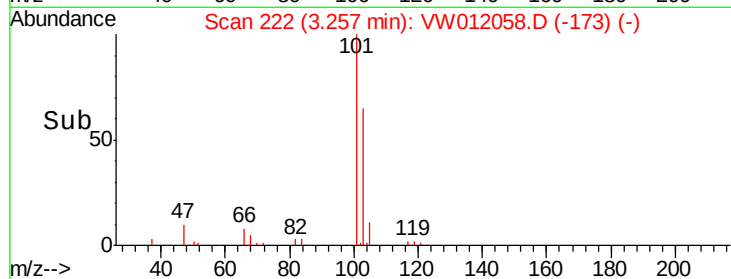
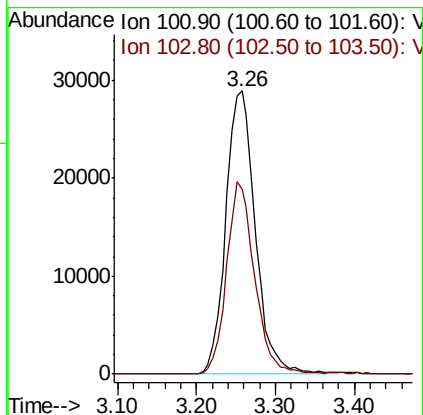
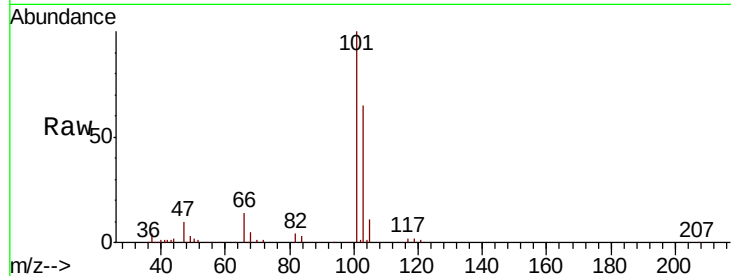


#7

Trichlorofluoromethane
 Concen: 58.523 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Instrument :
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 VSTDCCC050

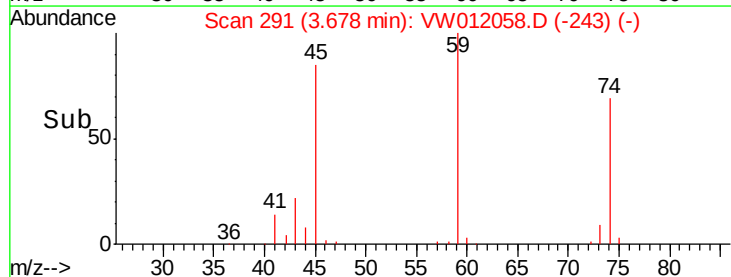
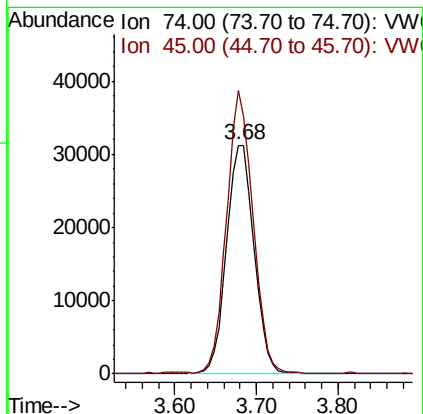
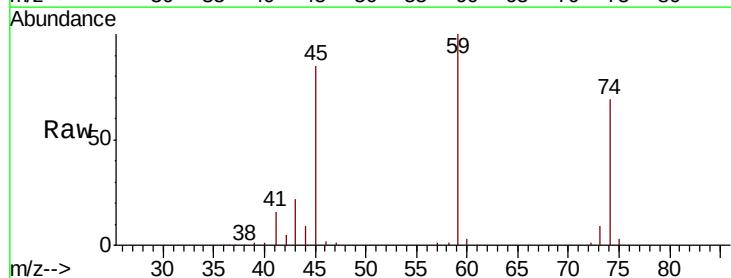
Tgt Ion:101 Resp: 75297
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.2 75.4

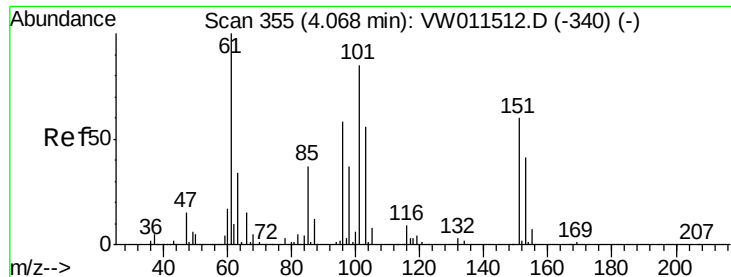


#8

Diethyl Ether
 Concen: 49.964 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 74 Resp: 72887
 Ion Ratio Lower Upper
 74 100
 45 117.8 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.206 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

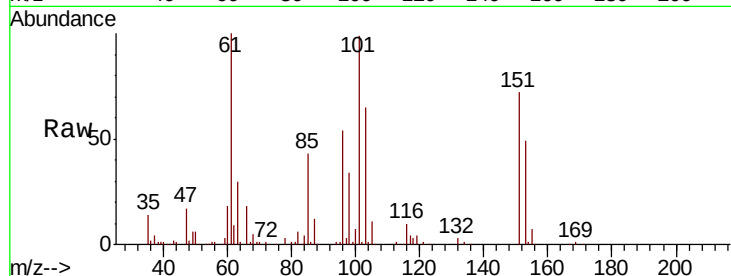
Tgt Ion:101 Resp: 127419

Ion Ratio Lower Upper

101 100

85 45.3 36.6 54.8

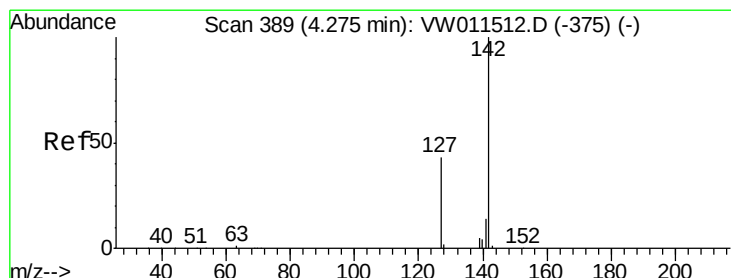
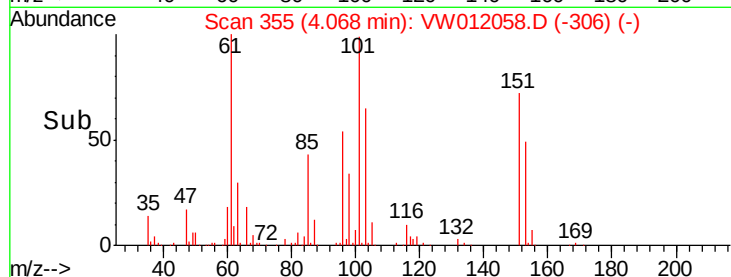
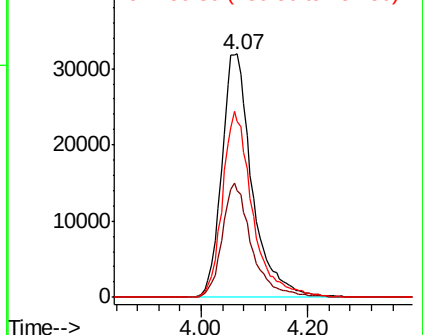
151 75.1 60.2 90.2



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: 50.472 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

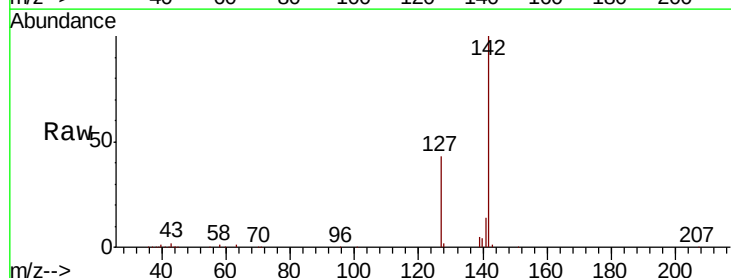
Tgt Ion:142 Resp: 174084

Ion Ratio Lower Upper

142 100

127 43.7 35.0 52.6

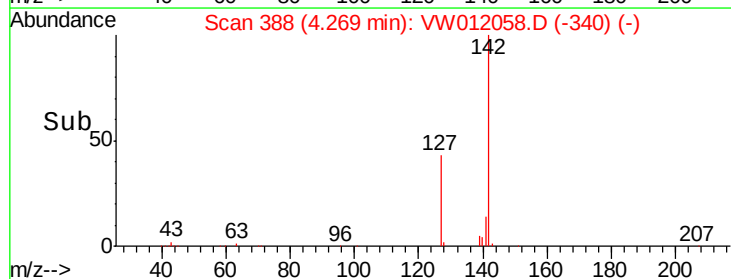
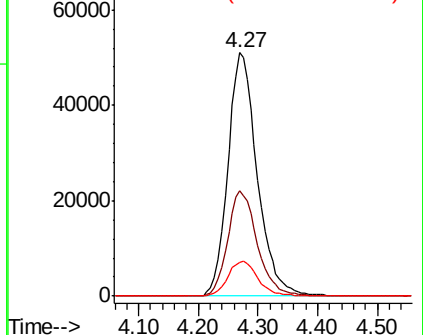
141 14.9 11.9 17.9

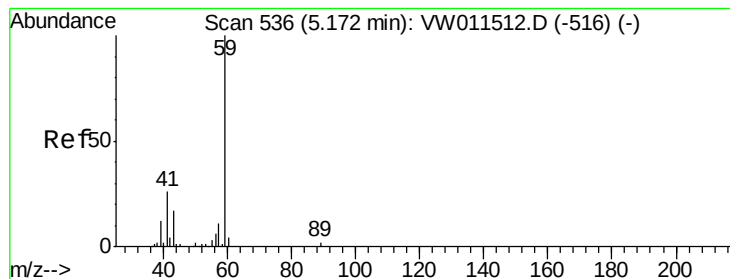


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



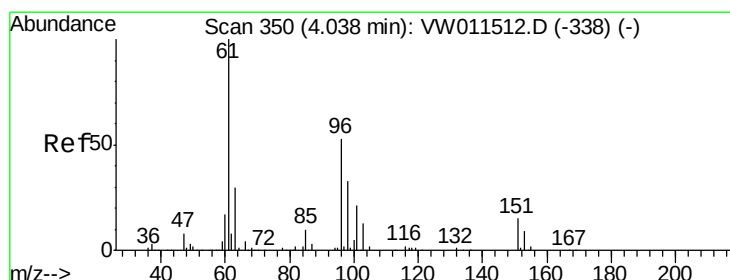
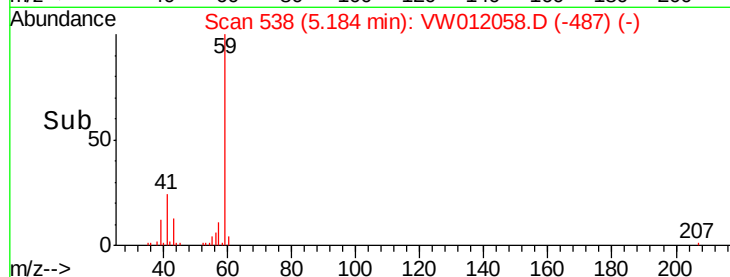
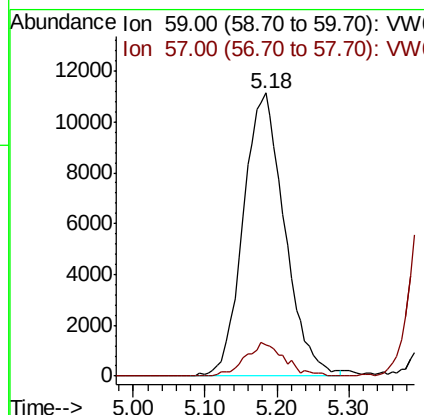
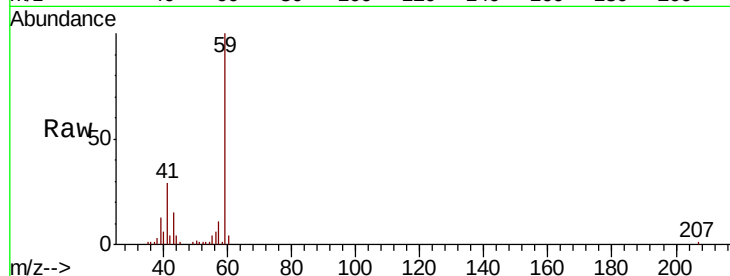


#11

Tert butyl alcohol
 Concen: 208.567 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

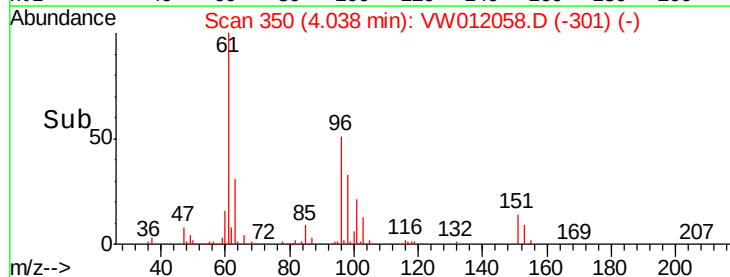
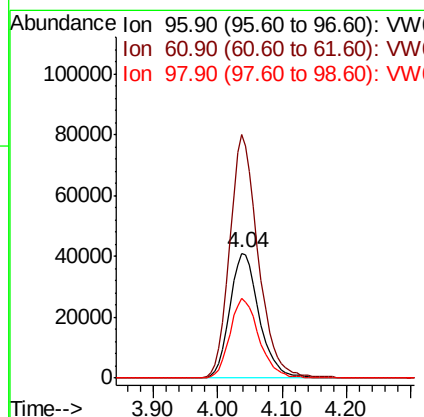
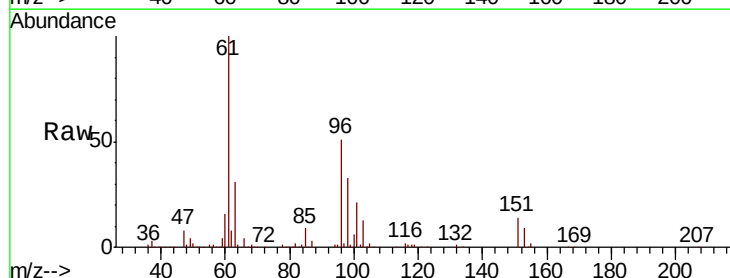
Tgt Ion: 59 Resp: 44354
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.5 12.7

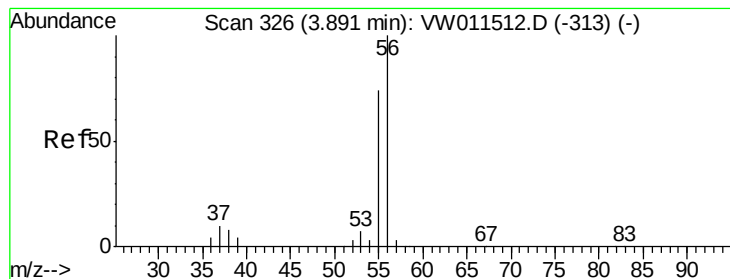


#12

1,1-Dichloroethene
 Concen: 51.036 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 96 Resp: 131520
 Ion Ratio Lower Upper
 96 100
 61 194.9 149.9 224.9
 98 64.4 49.1 73.7





#13

Acrolein

Concen: 233.557 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

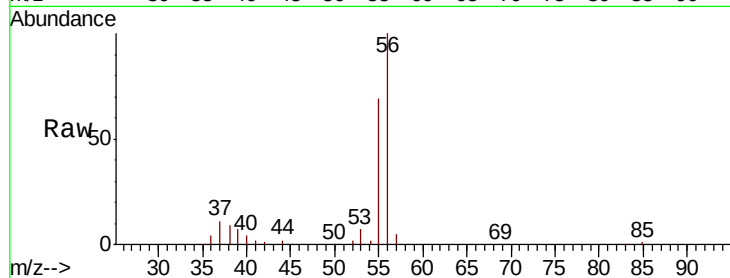
VSTDCCC050

Tgt Ion: 56 Resp: 47616

Ion Ratio Lower Upper

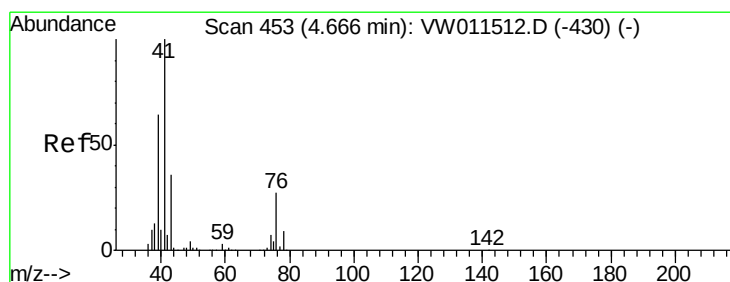
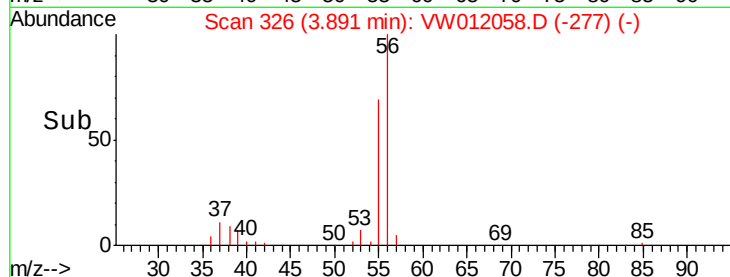
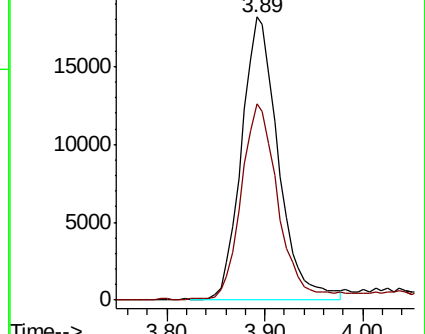
56 100

55 70.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 51.932 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

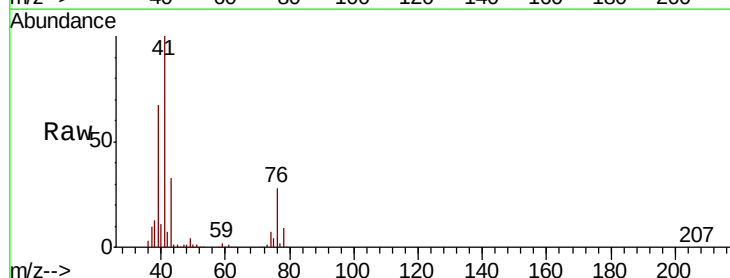
Tgt Ion: 41 Resp: 284643

Ion Ratio Lower Upper

41 100

39 66.4 52.6 78.8

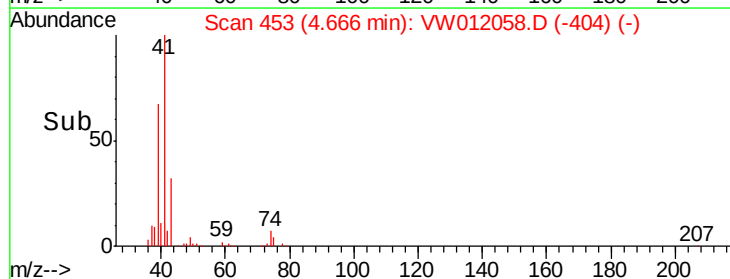
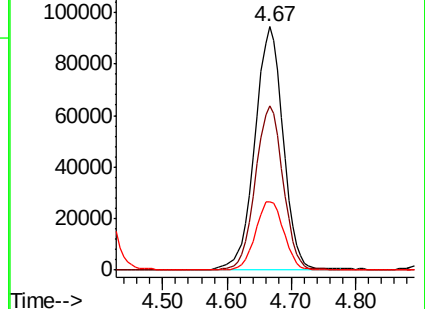
76 28.0 22.0 33.0

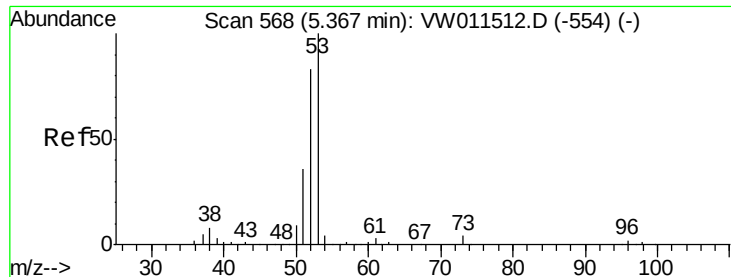


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 247.069 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

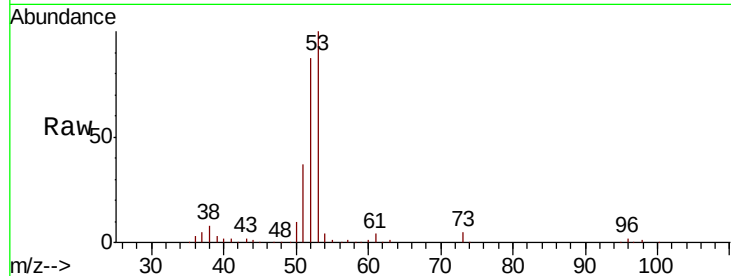
Tgt Ion: 53 Resp: 179919

Ion Ratio Lower Upper

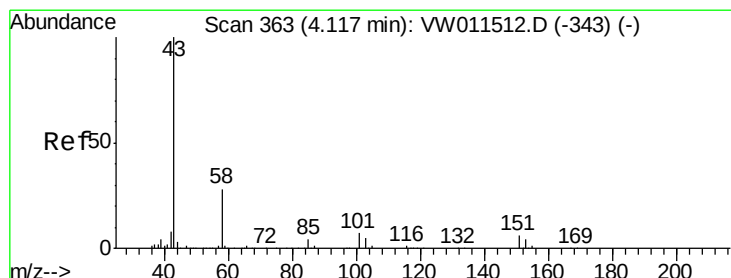
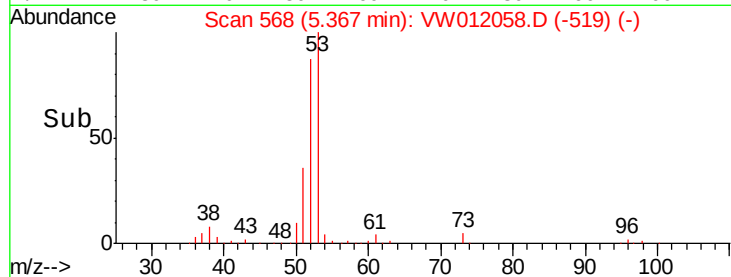
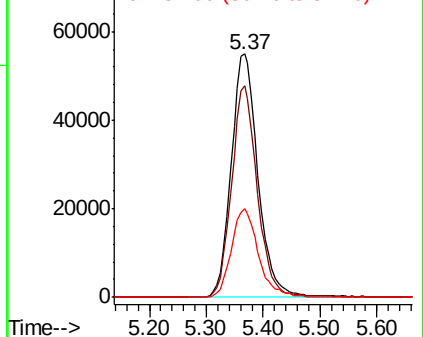
53 100

52 83.4 67.2 100.8

51 37.1 30.0 45.0



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



#16

Acetone

Concen: 235.482 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012058.D

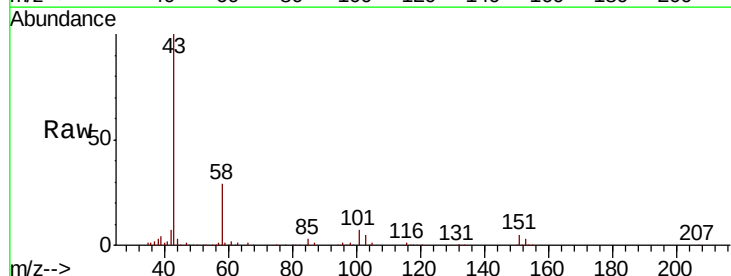
Acq: 21 Aug 2019 08:57

Tgt Ion: 43 Resp: 212833

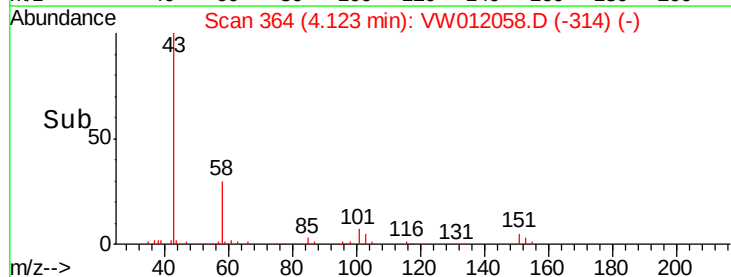
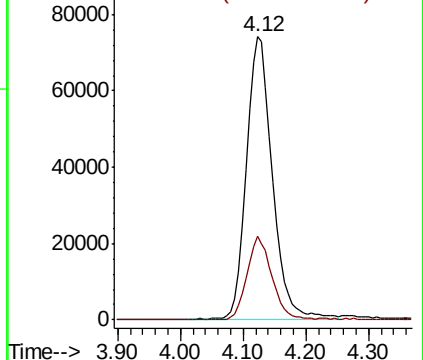
Ion Ratio Lower Upper

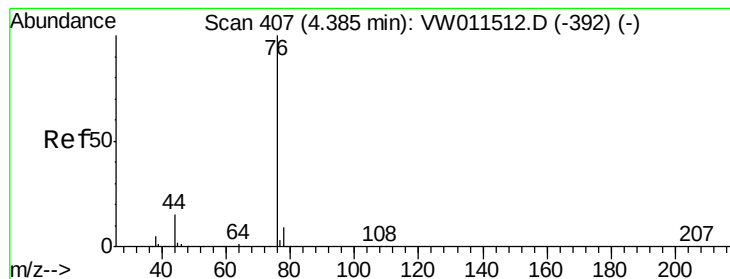
43 100

58 29.5 22.3 33.5



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





#17

Carbon Disulfide

Concen: 46.706 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

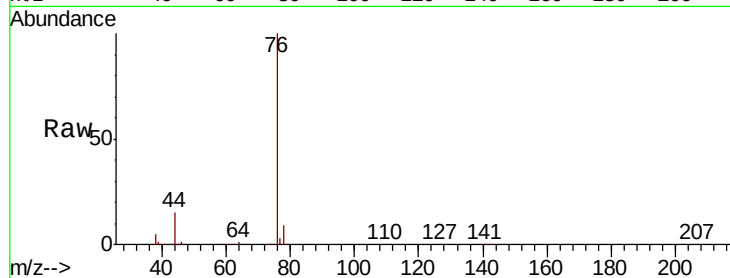
VSTDCCC050

Tgt Ion: 76 Resp: 376714

Ion Ratio Lower Upper

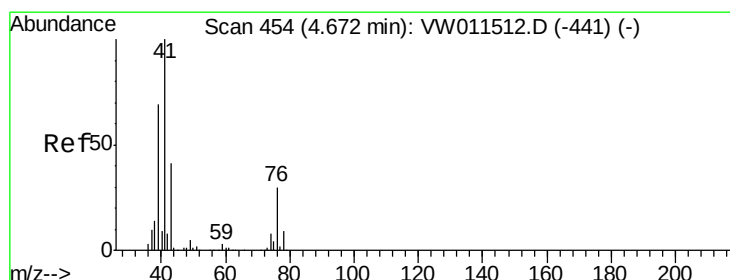
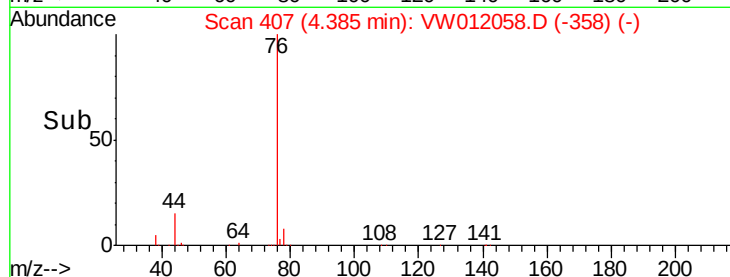
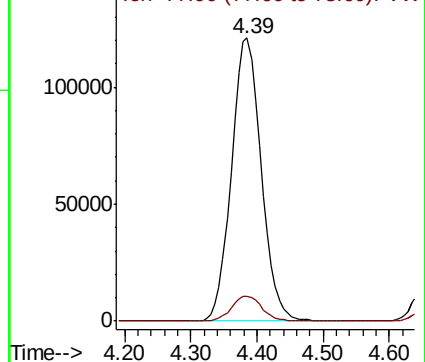
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 46.675 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW012058.D

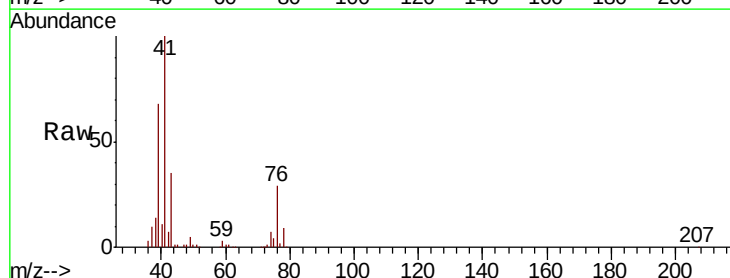
Acq: 21 Aug 2019 08:57

Tgt Ion: 43 Resp: 94769

Ion Ratio Lower Upper

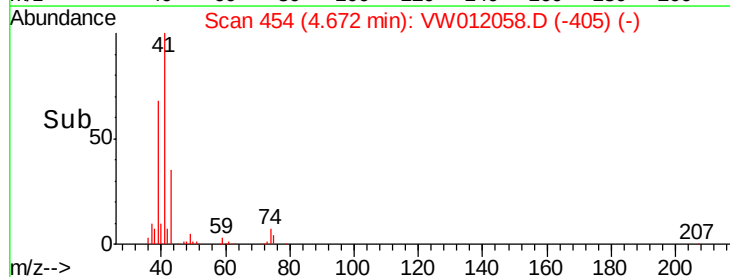
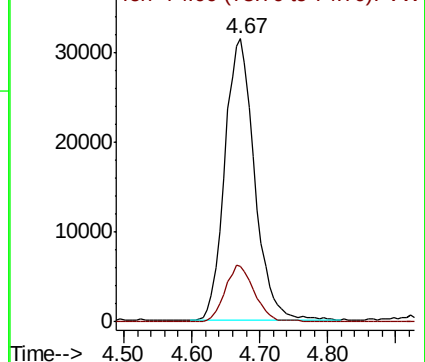
43 100

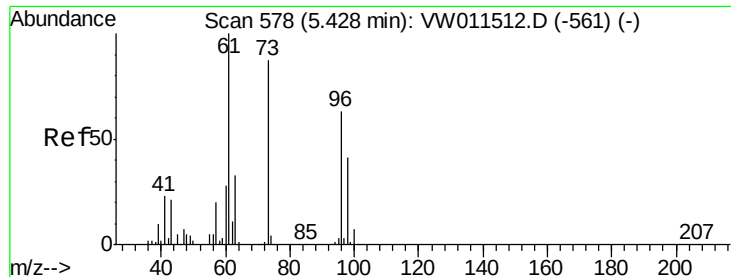
74 19.9 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

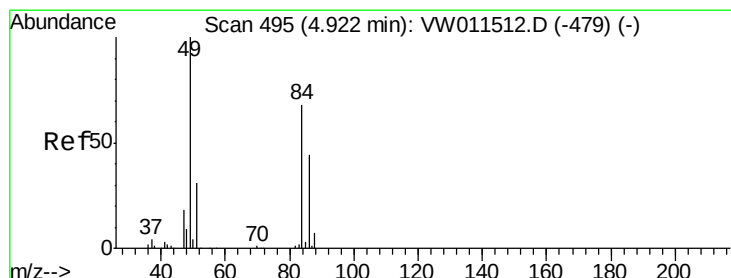
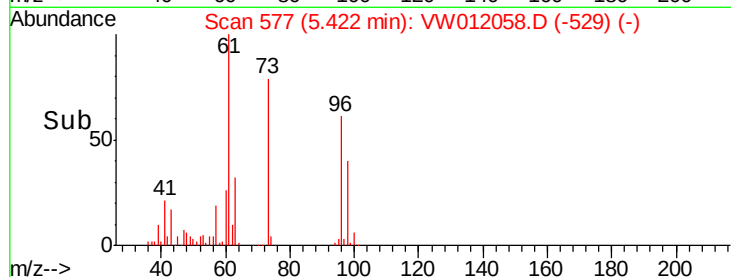
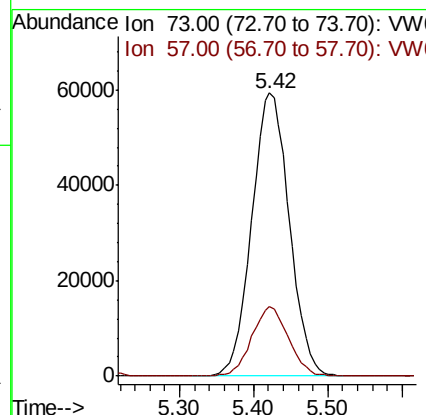
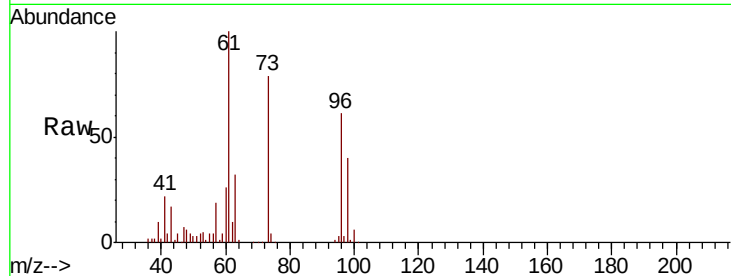




#19
Methyl tert-butyl Ether
Concen: 51.255 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

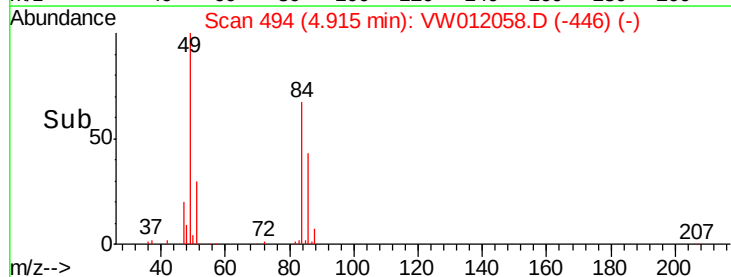
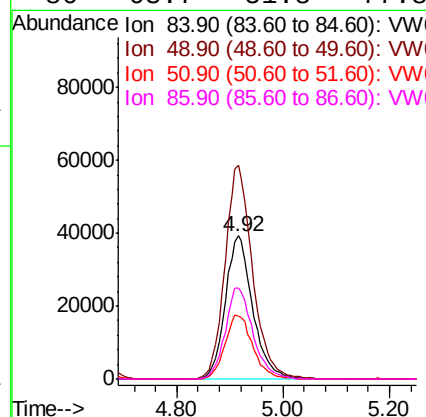
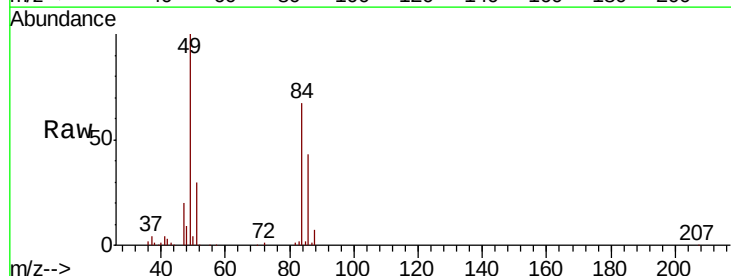
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

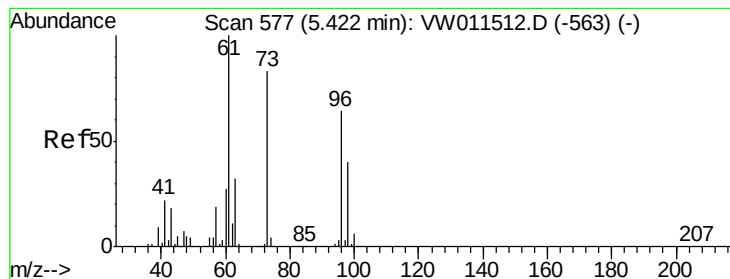
Tgt Ion: 73 Resp: 209603
Ion Ratio Lower Upper
73 100
57 24.6 18.4 27.6



#20
Methylene Chloride
Concen: 45.105 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 84 Resp: 140596
Ion Ratio Lower Upper
84 100
49 149.4 117.8 176.6
51 44.3 37.0 55.4
86 63.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 50.402 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

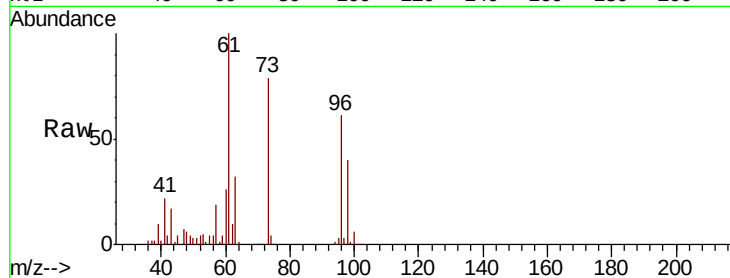
Tgt Ion: 96 Resp: 140033

Ion Ratio Lower Upper

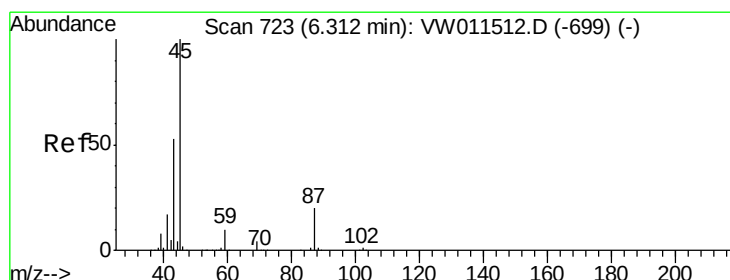
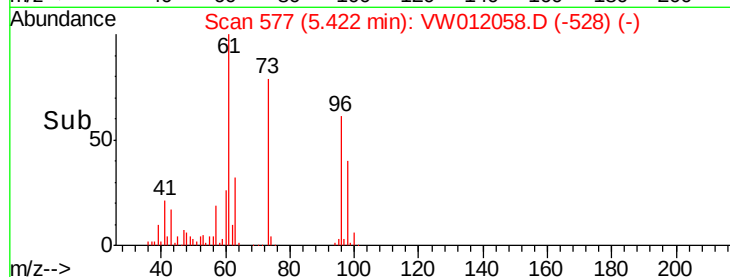
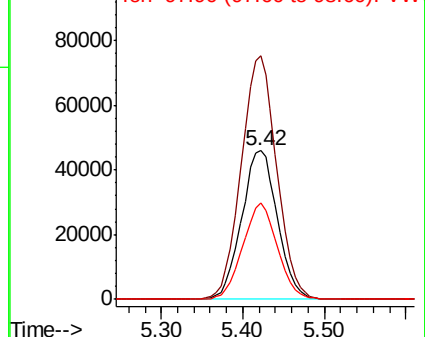
96 100

61 164.0 125.7 188.5

98 65.1 50.3 75.5



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: 50.335 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Tgt Ion: 45 Resp: 520154

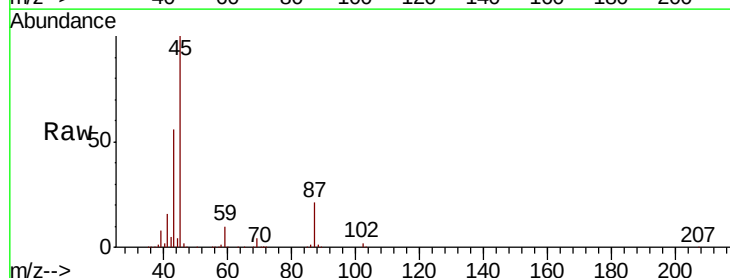
Ion Ratio Lower Upper

45 100

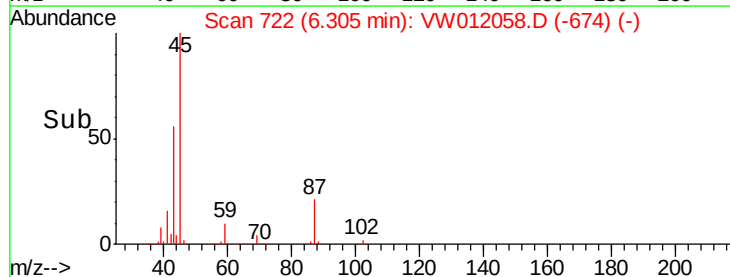
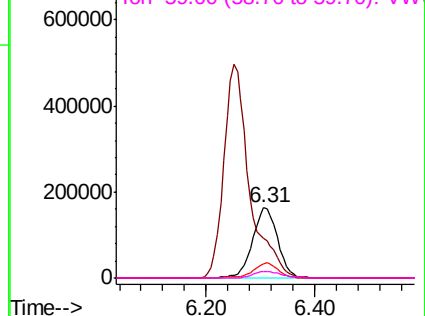
43 56.1 42.6 63.8

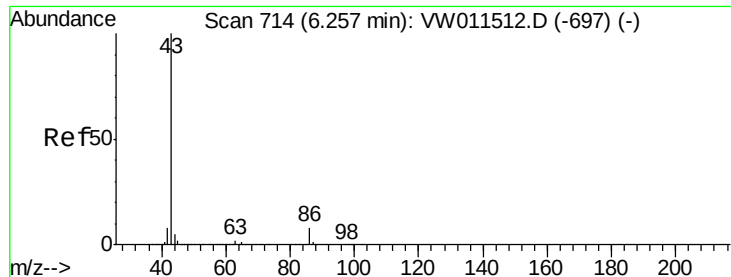
87 21.1 16.4 24.6

59 9.9 8.2 12.2



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: 250.622 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampled :

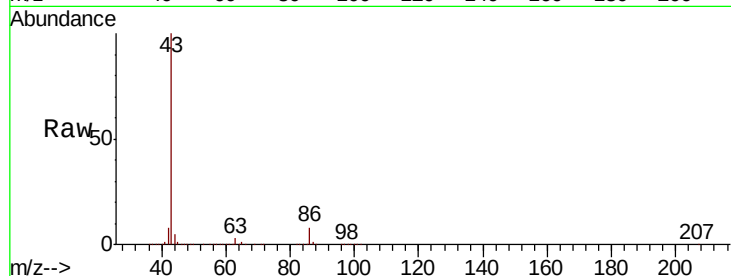
VSTDCCC050

Tgt Ion: 43 Resp: 1627356

Ion Ratio Lower Upper

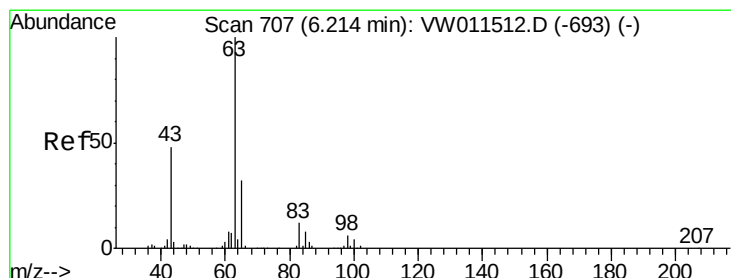
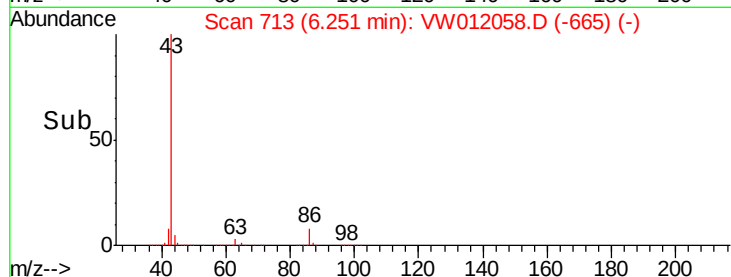
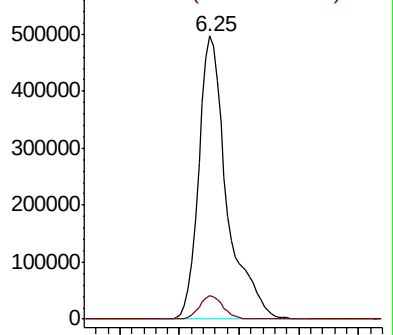
43 100

86 8.3 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.678 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

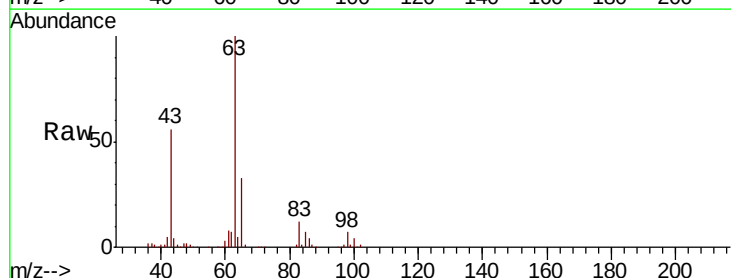
Tgt Ion: 63 Resp: 280471

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

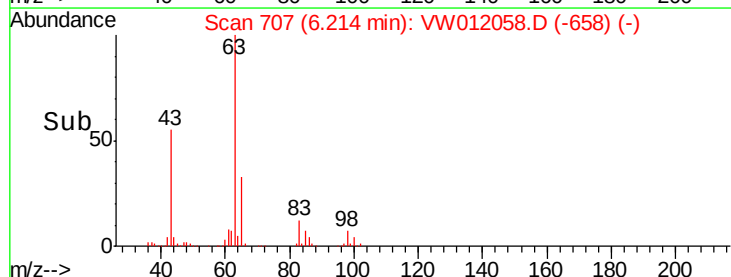
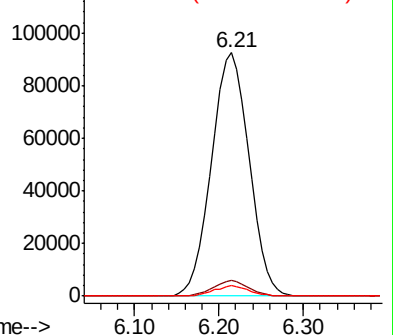
100 4.3 2.1 6.3

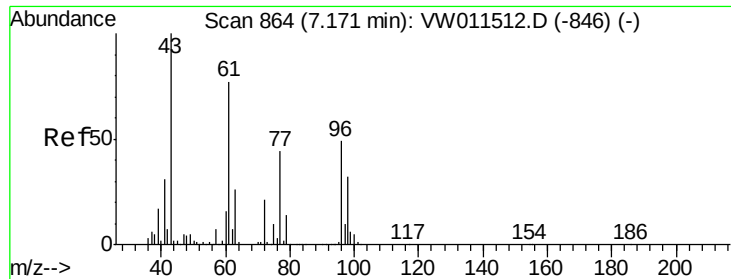


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 235.524 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

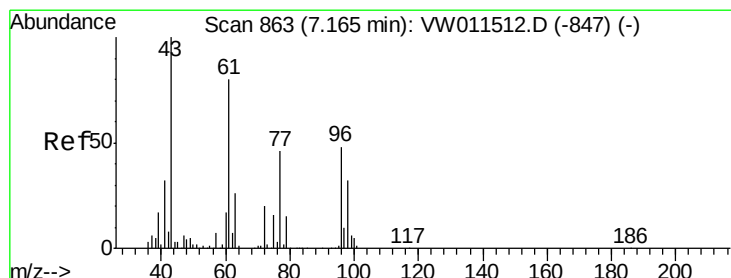
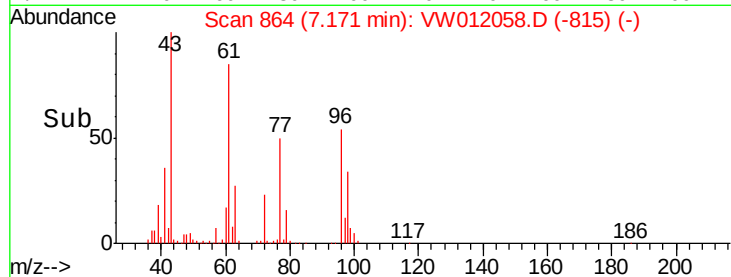
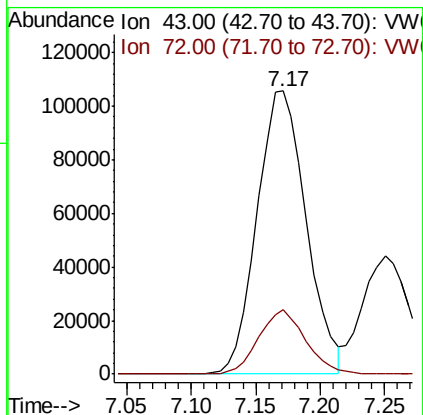
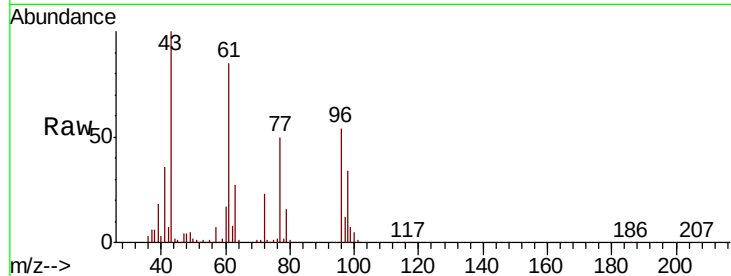
VSTDCCC050

Tgt Ion: 43 Resp: 278548

Ion Ratio Lower Upper

43 100

72 22.8 16.6 24.8



#26

2,2-Dichloropropane

Concen: 47.511 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012058.D

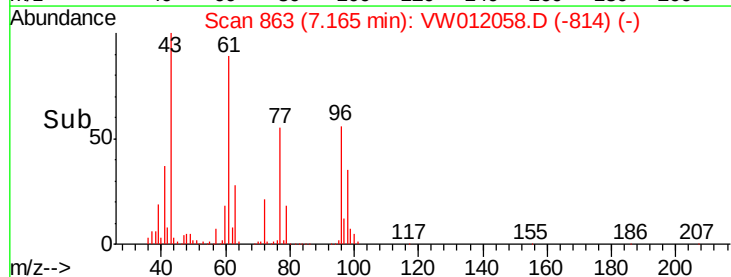
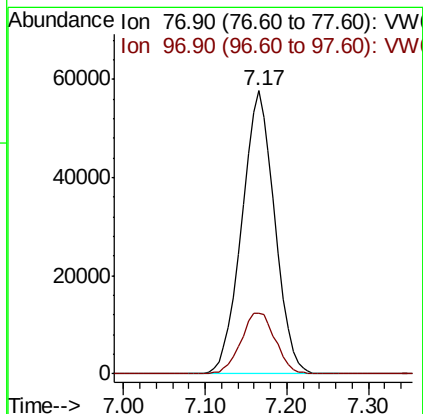
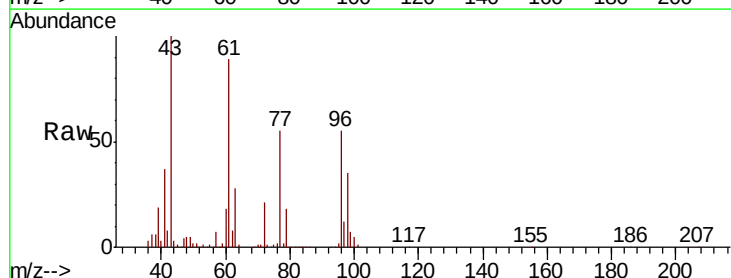
Acq: 21 Aug 2019 08:57

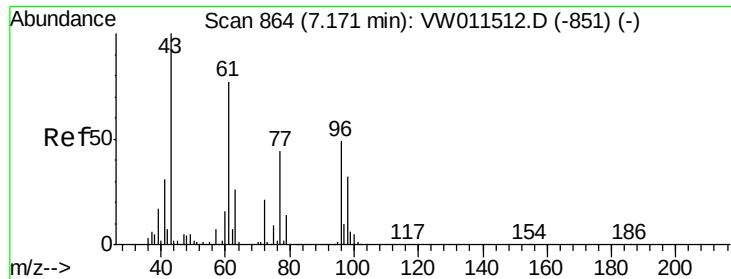
Tgt Ion: 77 Resp: 161710

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.4

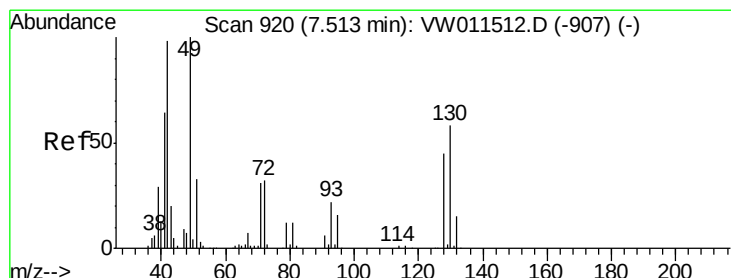
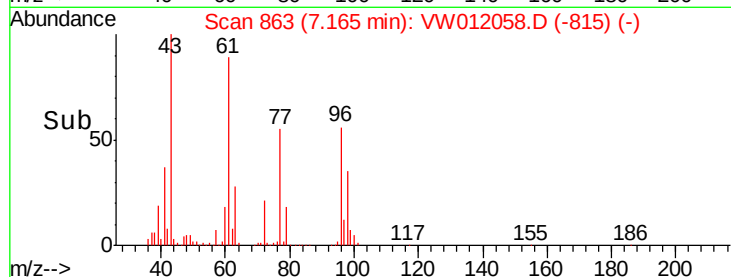
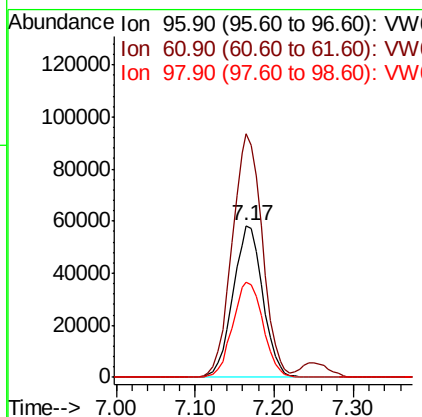
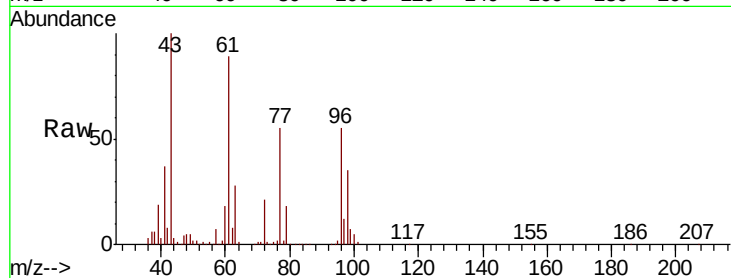




#27
 cis-1,2-Dichloroethene
 Concen: 49.889 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

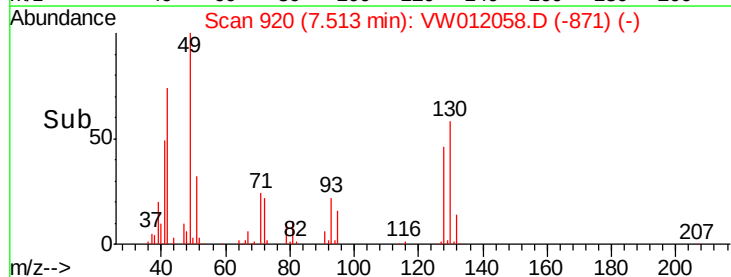
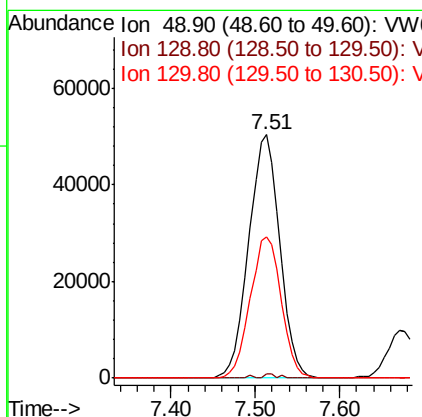
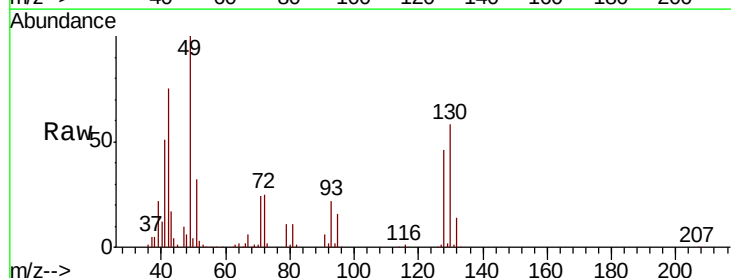
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

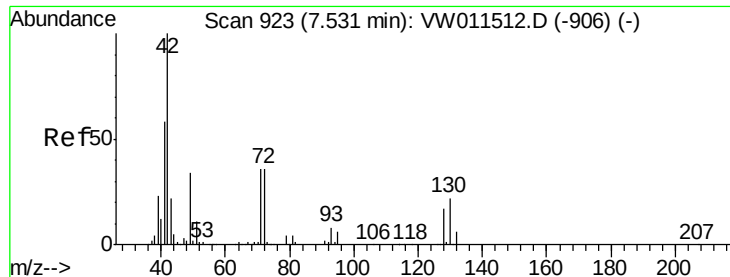
Tgt Ion: 96 Resp: 152549
 Ion Ratio Lower Upper
 96 100
 61 162.9 0.0 328.4
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.325 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 49 Resp: 126081
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.0
 130 58.3 46.3 69.5





#29

Tetrahydrofuran

Concen: 237.689 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

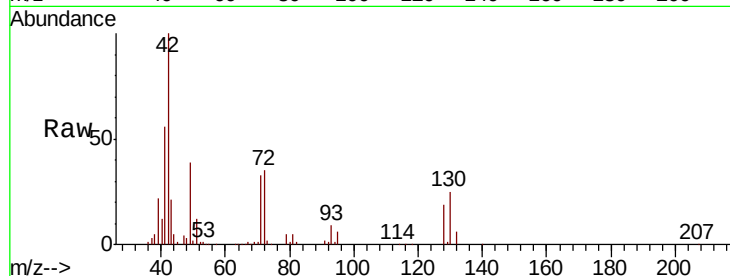
Tgt Ion: 42 Resp: 160684

Ion Ratio Lower Upper

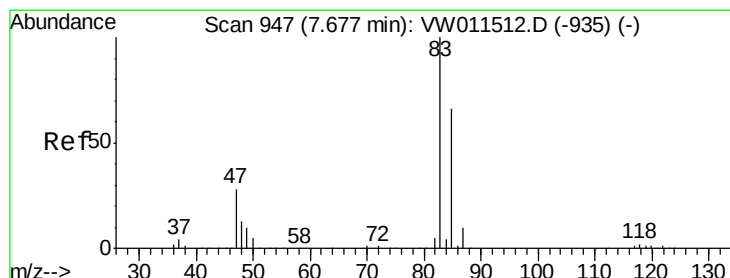
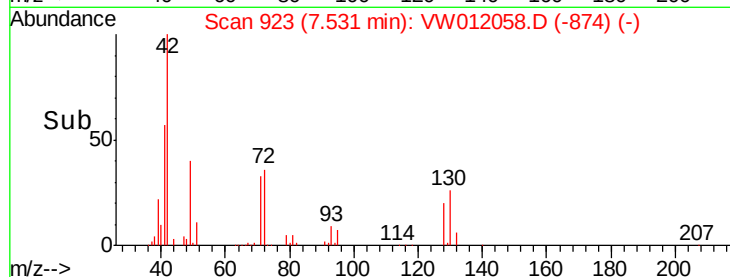
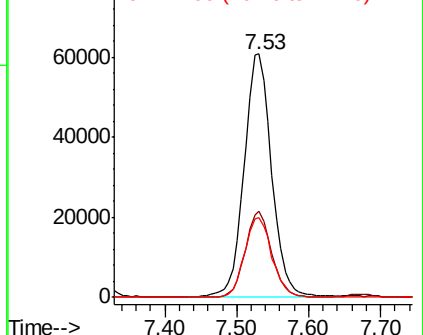
42 100

72 34.1 27.1 40.7

71 33.0 26.2 39.4



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



#30

Chloroform

Concen: 49.781 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012058.D

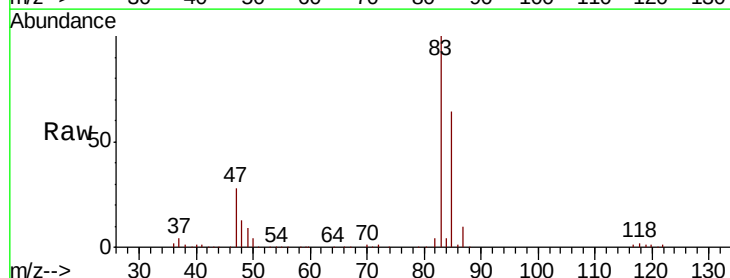
Acq: 21 Aug 2019 08:57

Tgt Ion: 83 Resp: 254174

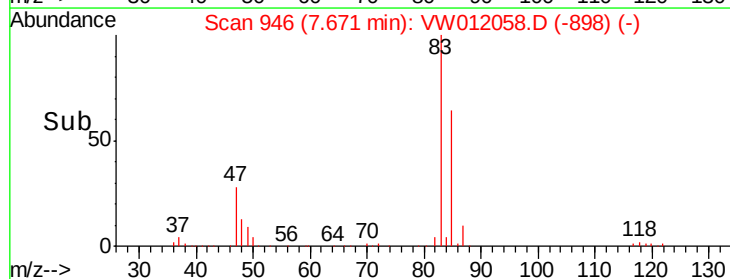
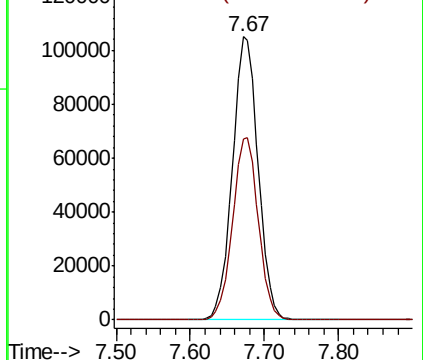
Ion Ratio Lower Upper

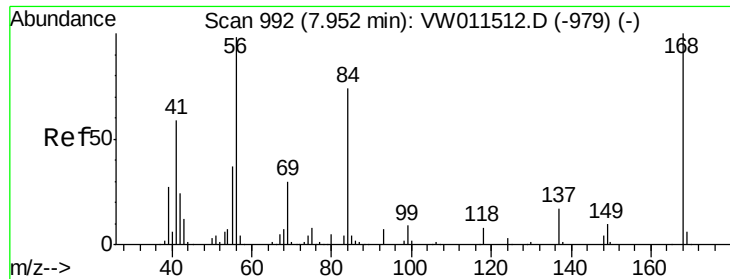
83 100

85 63.8 52.5 78.7



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

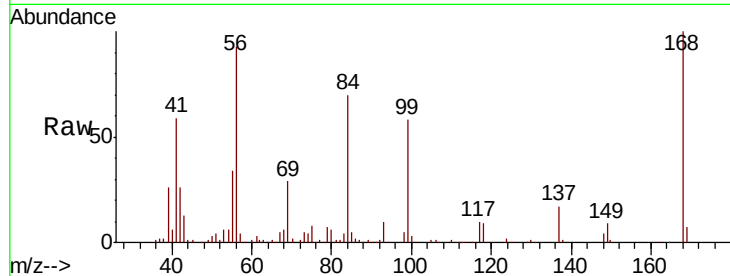




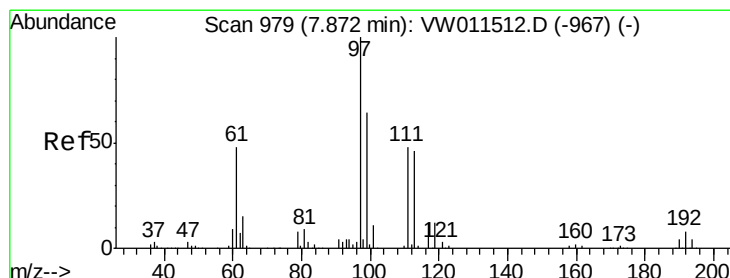
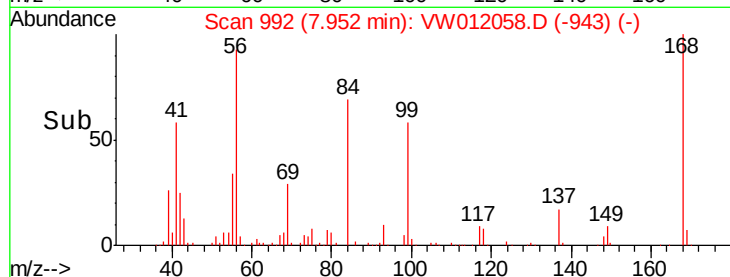
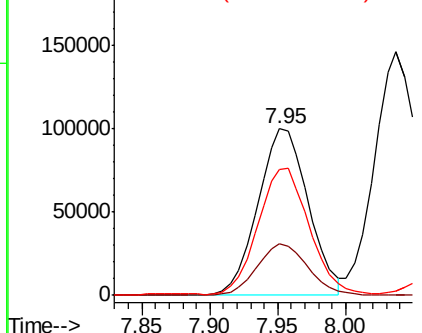
#31
Cyclohexane
Concen: 48.737 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 258919
Ion Ratio Lower Upper
56 100
69 30.7 24.3 36.5
84 74.9 60.4 90.6

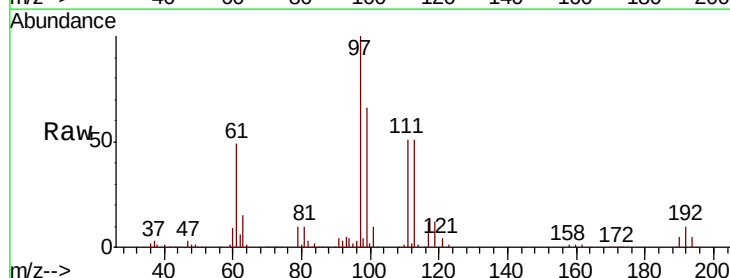


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

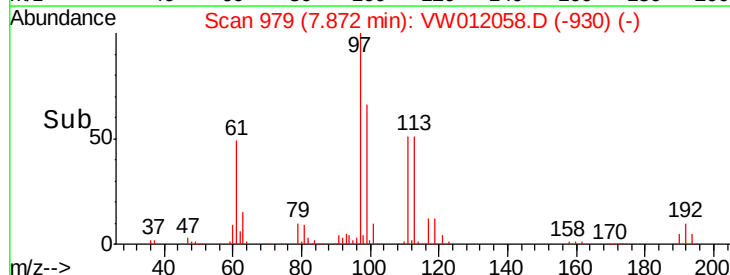
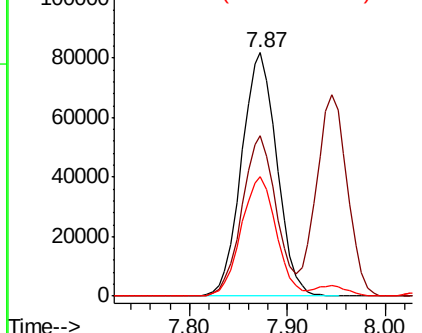


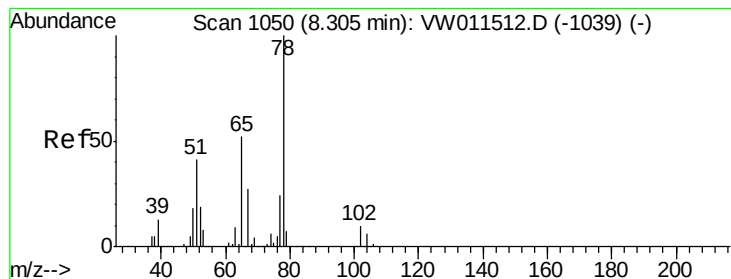
#32
1,1,1-Trichloroethane
Concen: 52.798 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 97 Resp: 205303
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 48.9 39.8 59.6



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: 51.942 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

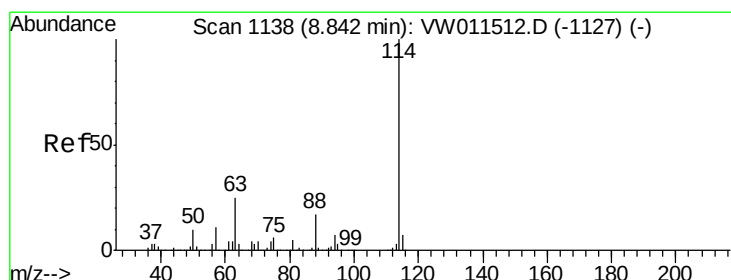
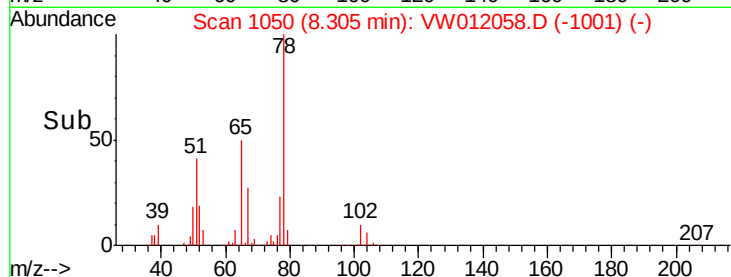
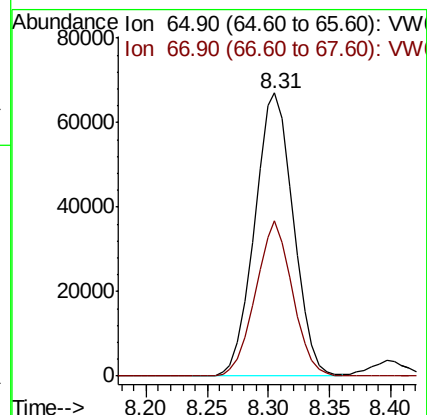
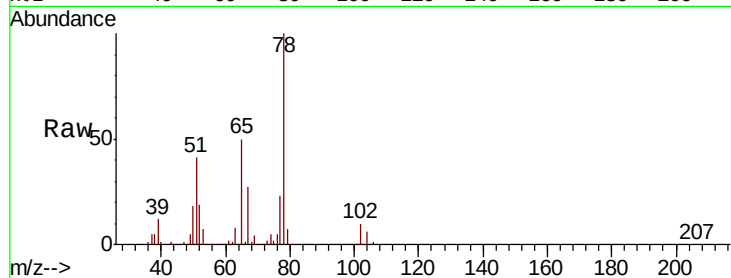
VSTDCCC050

Tgt Ion: 65 Resp: 147584

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

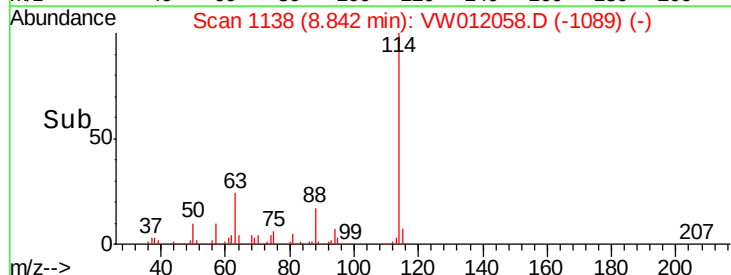
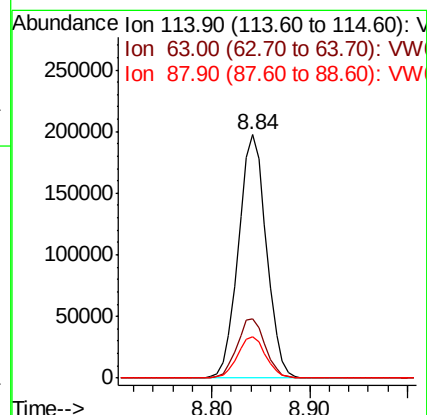
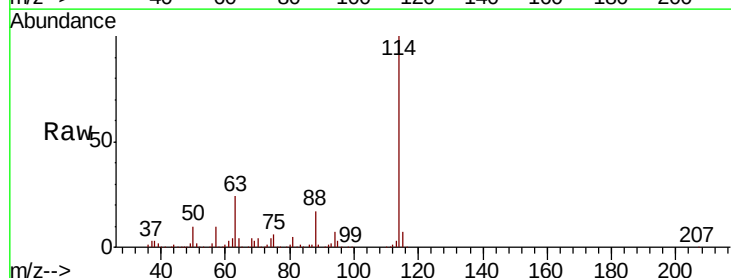
Tgt Ion: 114 Resp: 389817

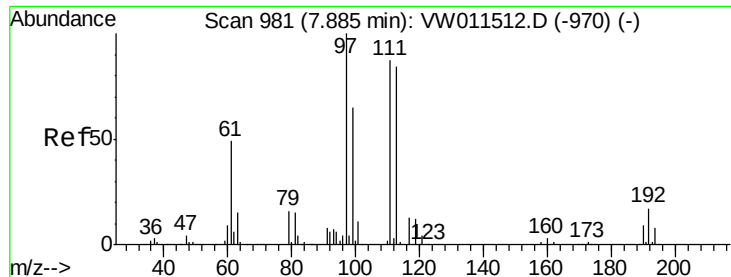
Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 16.8 0.0 33.8

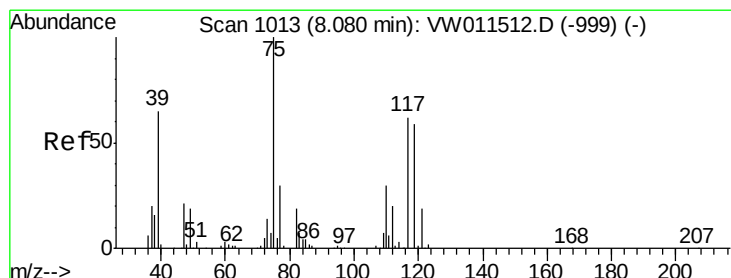
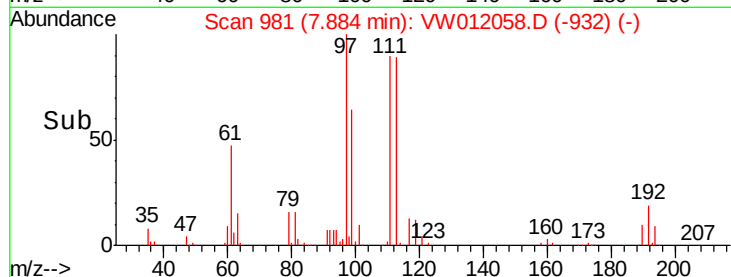
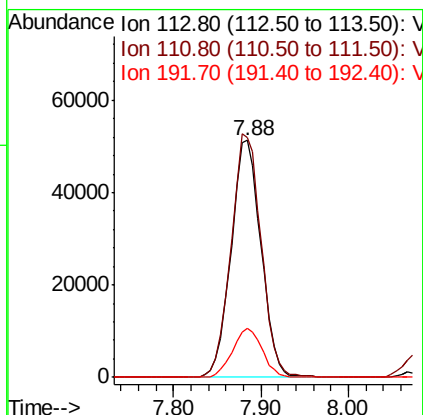
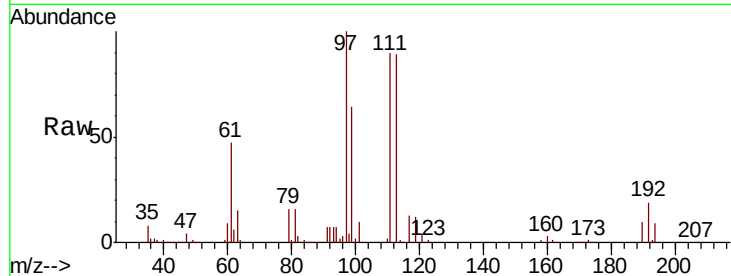




#35
 Dibromofluoromethane
 Concen: 55.925 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

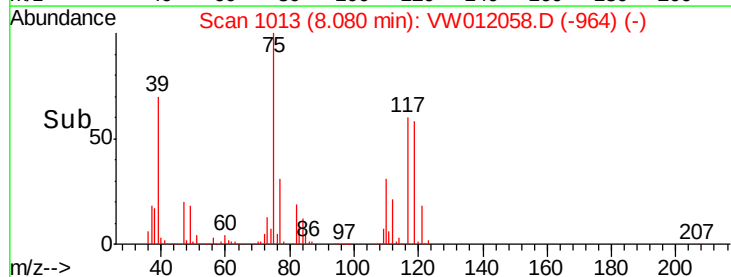
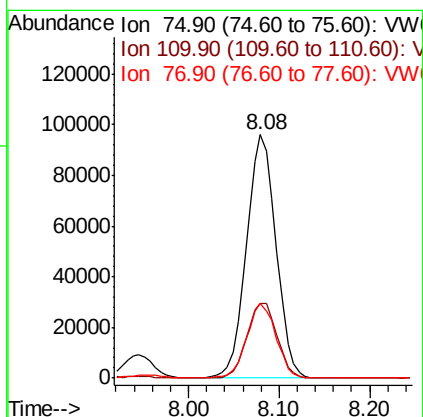
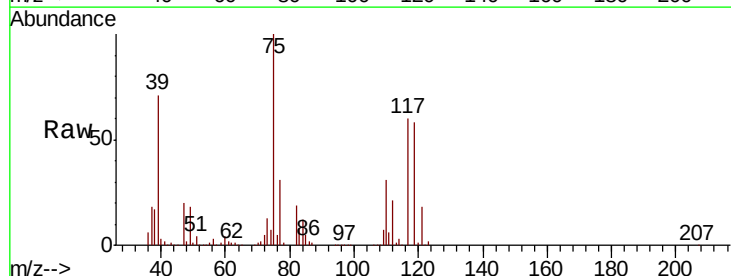
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

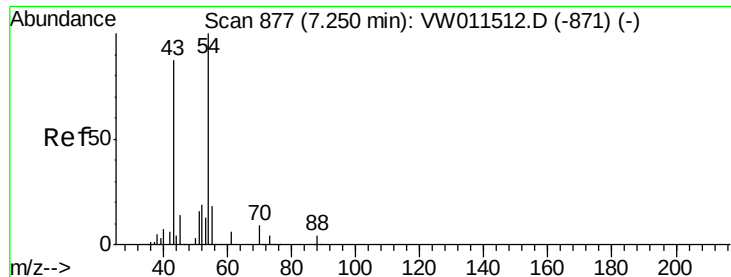
Tgt Ion:113 Resp: 122304
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 20.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 53.328 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 75 Resp: 216160
 Ion Ratio Lower Upper
 75 100
 110 31.6 15.6 46.8
 77 30.8 24.3 36.5

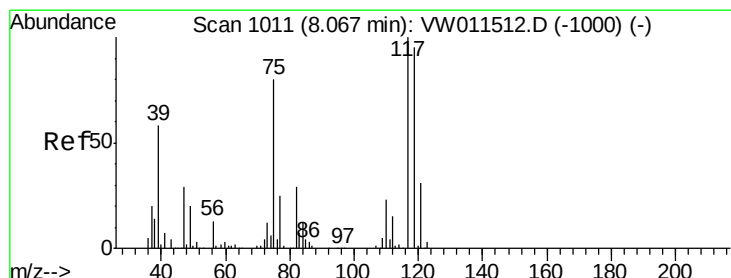
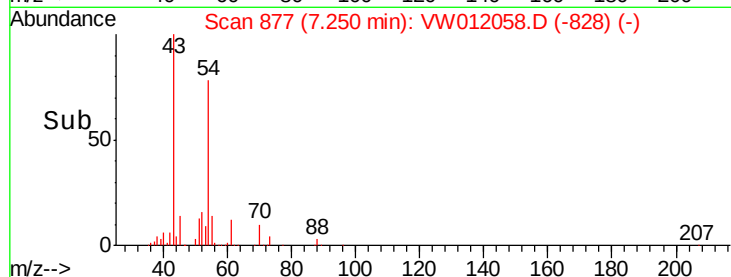
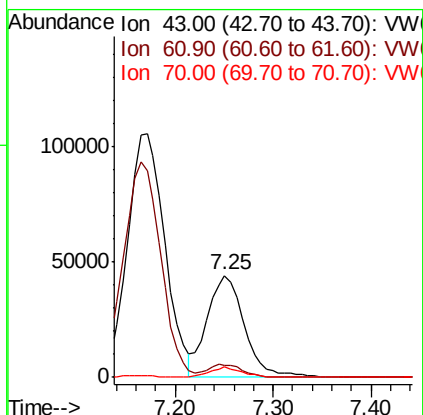
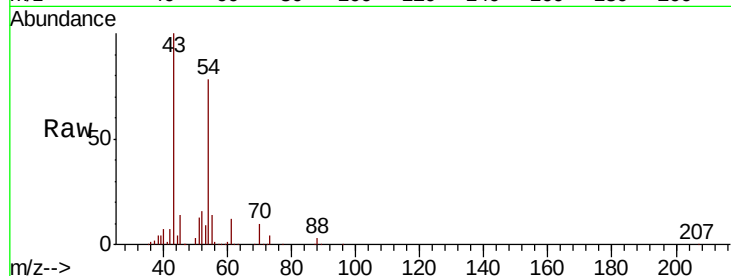




#37
Ethyl Acetate
Concen: 49.171 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

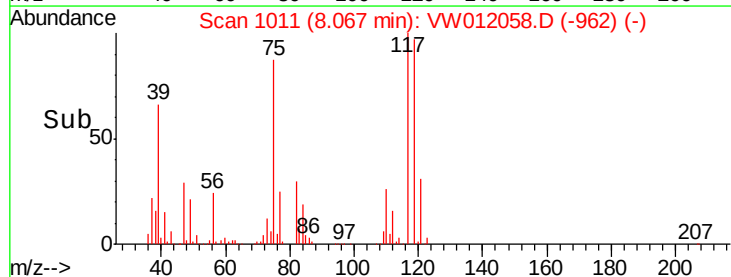
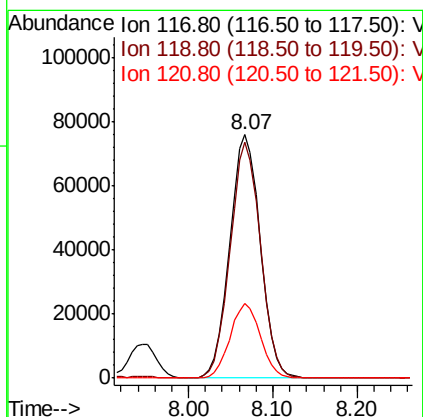
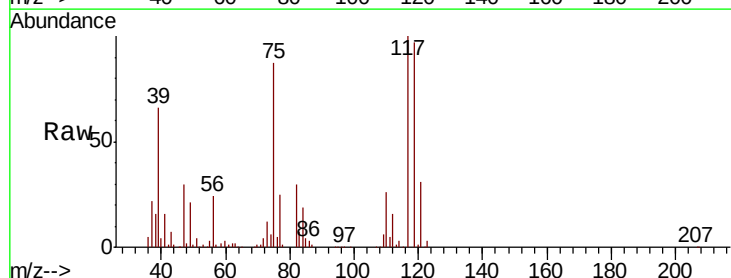
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

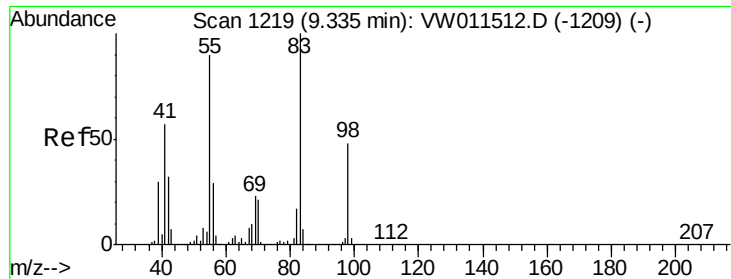
Tgt Ion: 43 Resp: 114668
Ion Ratio Lower Upper
43 100
61 12.3 8.8 13.2
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.705 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 117 Resp: 186355
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 30.6 24.7 37.1

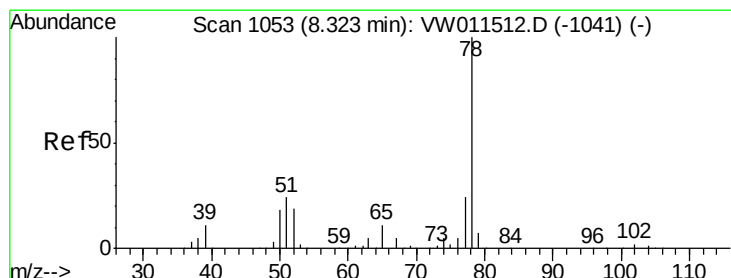
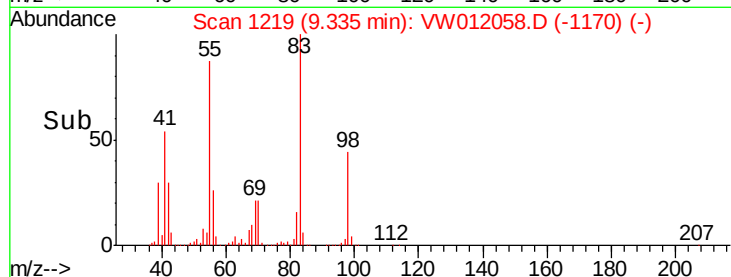
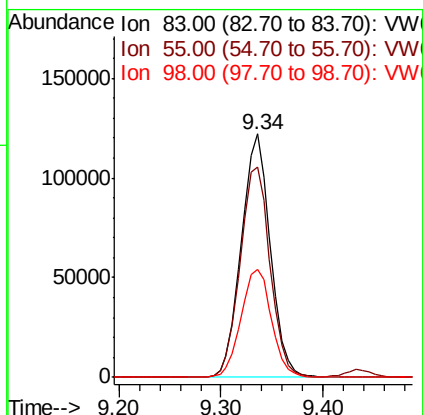
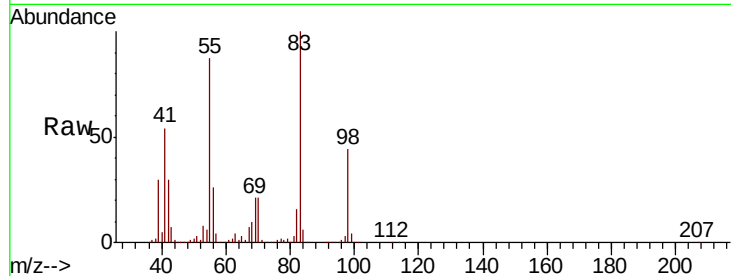




#39
Methylcyclohexane
Concen: 54.079 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

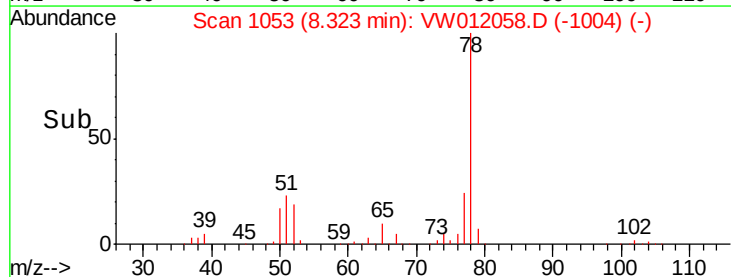
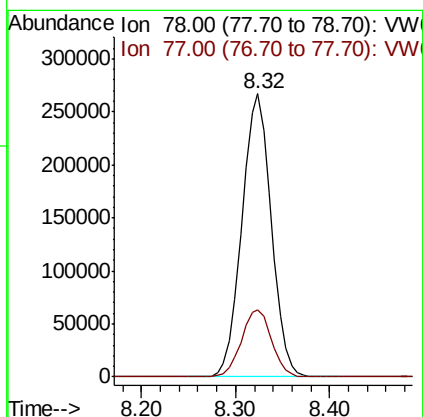
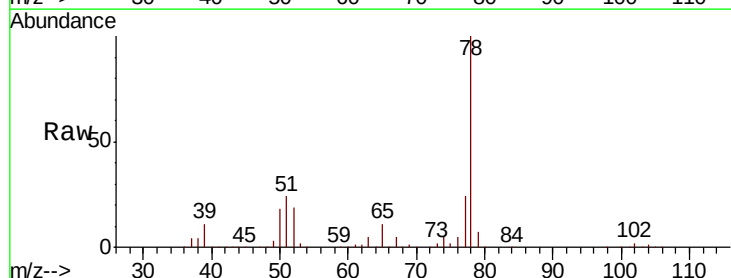
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

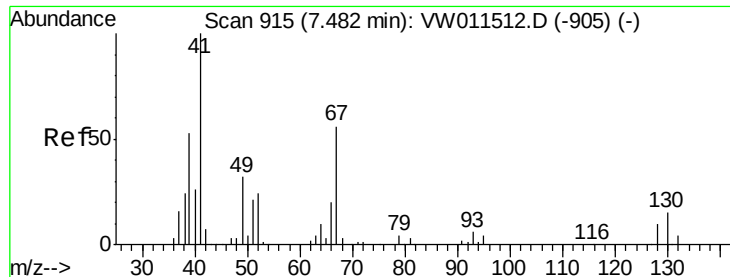
Tgt Ion: 83 Resp: 241368
Ion Ratio Lower Upper
83 100
55 86.5 72.1 108.1
98 44.4 38.6 57.8



#40
Benzene
Concen: 51.329 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 78 Resp: 582778
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





#41

Methacrylonitrile

Concen: 49.768 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 69377

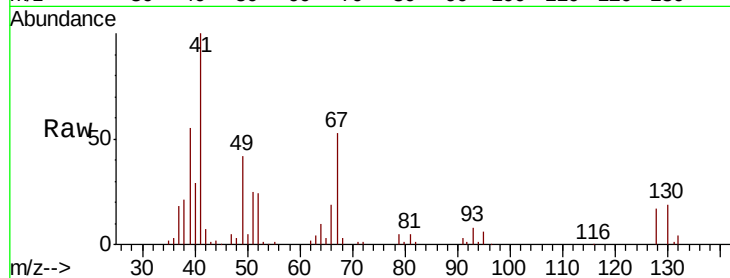
Ion Ratio Lower Upper

41 100

39 59.0 43.0 64.4

67 56.9 47.5 71.3

52 26.7 21.0 31.6

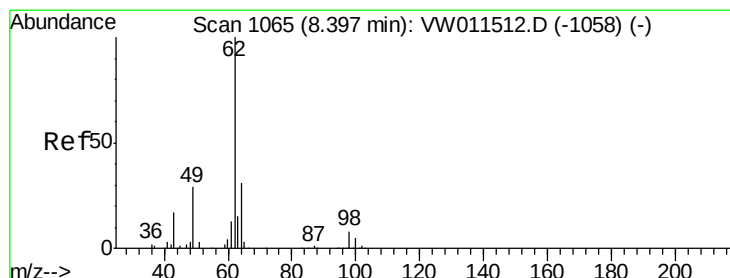
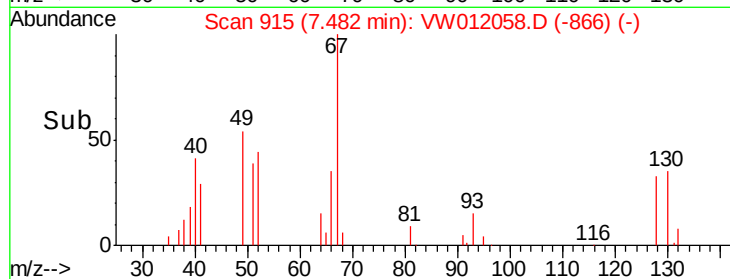
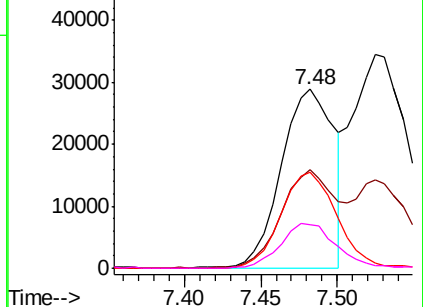


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.066 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012058.D

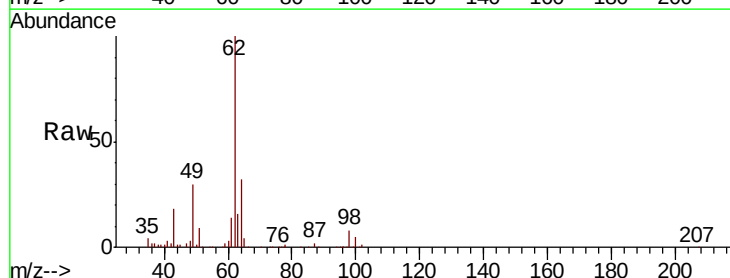
Acq: 21 Aug 2019 08:57

Tgt Ion: 62 Resp: 177970

Ion Ratio Lower Upper

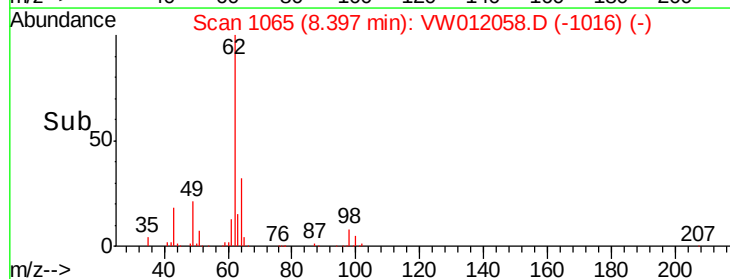
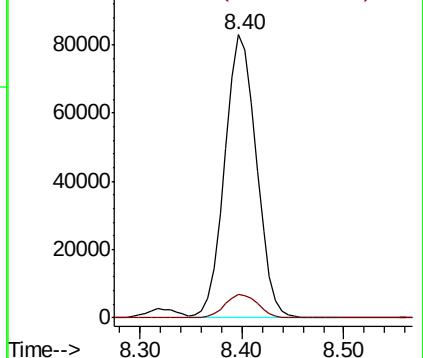
62 100

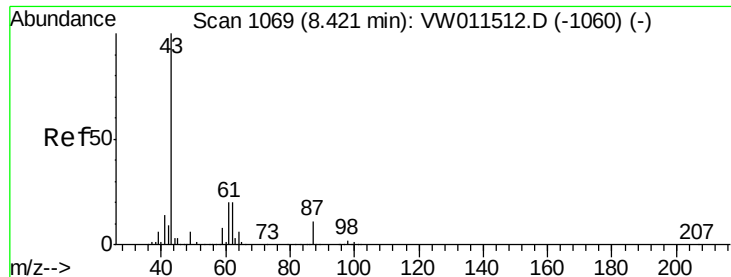
98 8.8 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.388 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

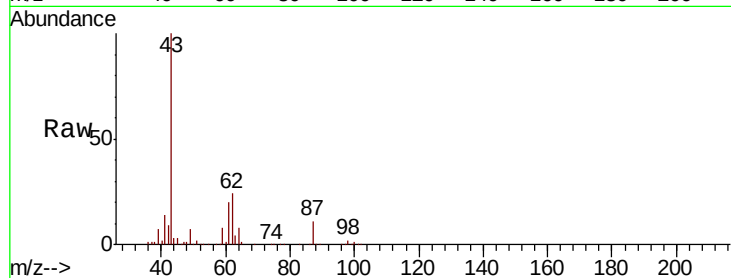
Tgt Ion: 43 Resp: 220391

Ion Ratio Lower Upper

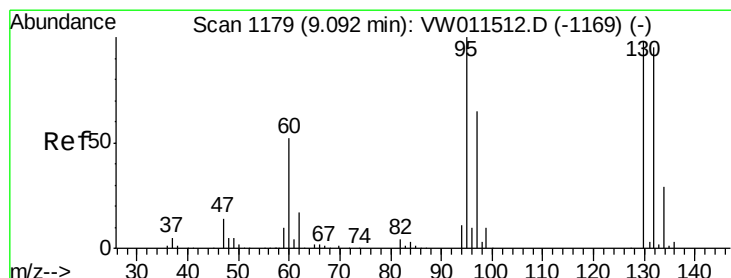
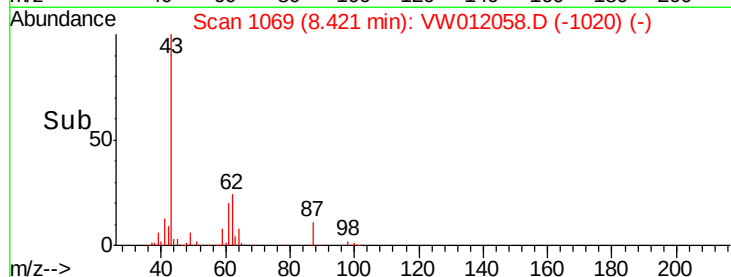
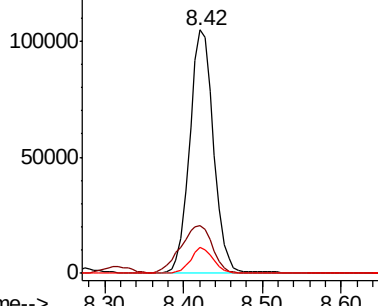
43 100

61 26.3 21.5 32.3

87 10.1 8.4 12.6



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



#44

Trichloroethene

Concen: 52.275 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012058.D

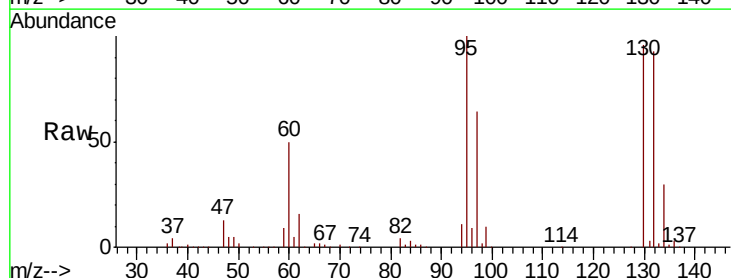
Acq: 21 Aug 2019 08:57

Tgt Ion: 130 Resp: 142652

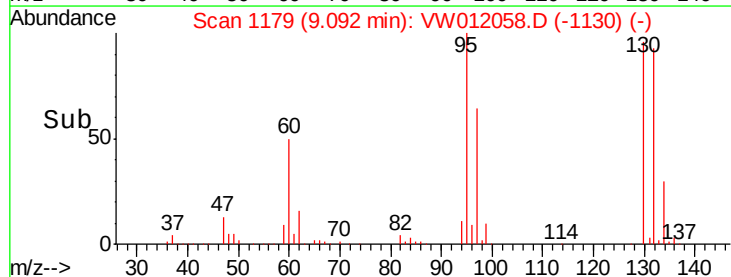
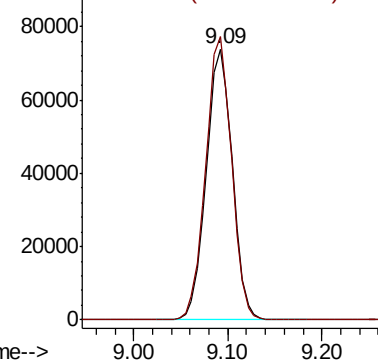
Ion Ratio Lower Upper

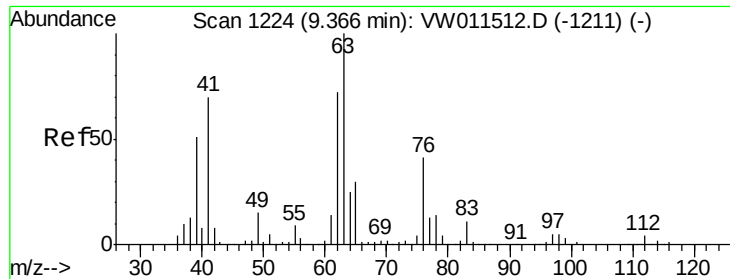
130 100

95 104.6 0.0 204.8



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

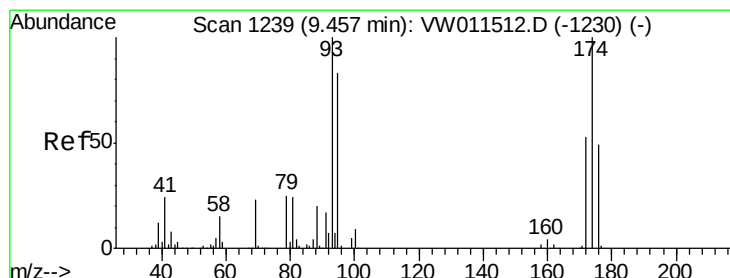
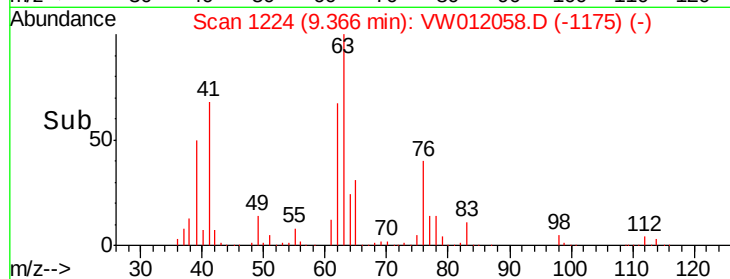
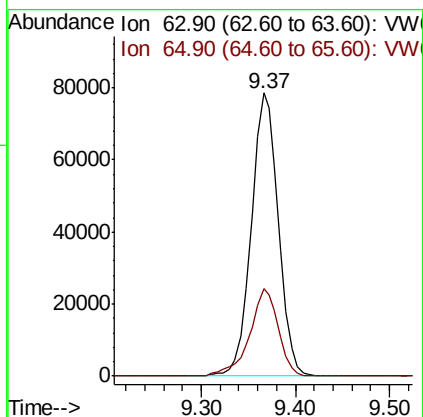
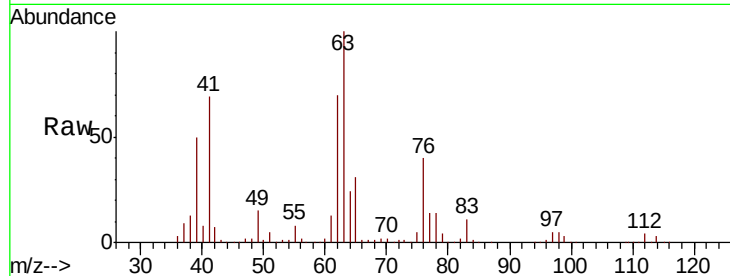




#45
 1,2-Dichloropropane
 Concen: 51.921 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

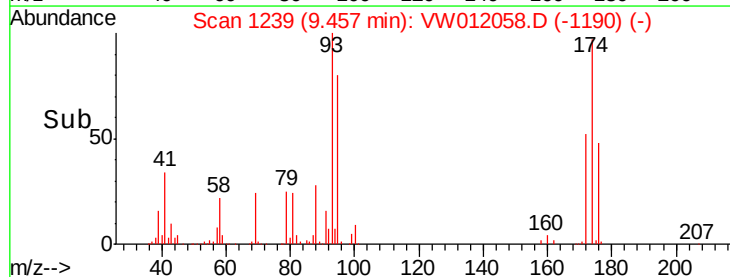
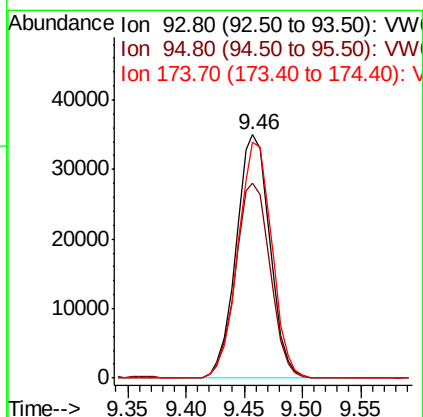
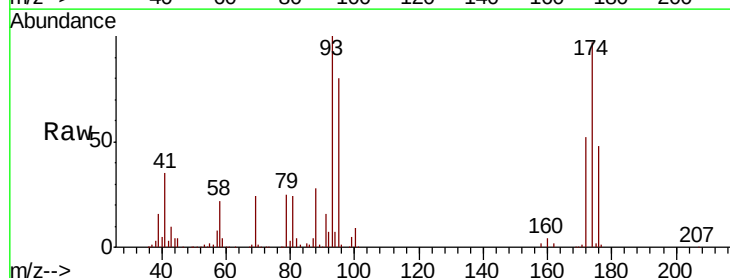
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

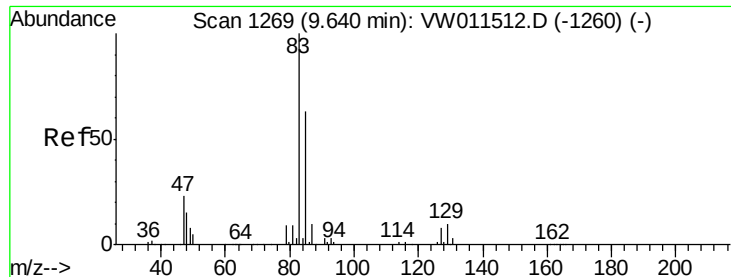
Tgt Ion: 63 Resp: 157729
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.2 36.4



#46
 Dibromomethane
 Concen: 50.996 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 93 Resp: 70709
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.2
 174 97.6 78.2 117.4

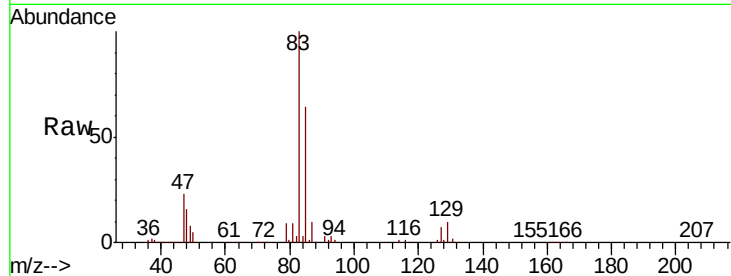




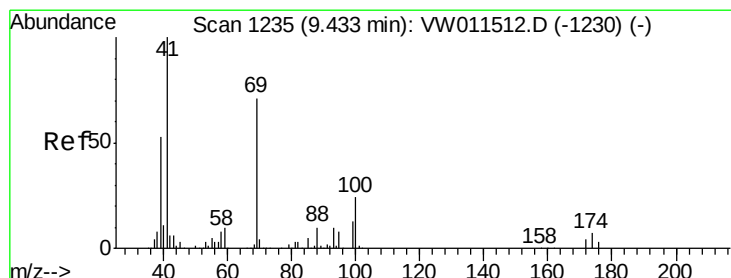
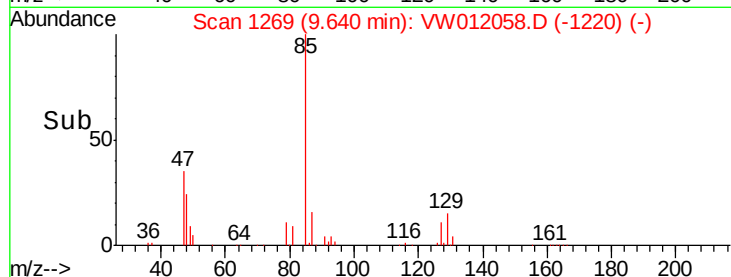
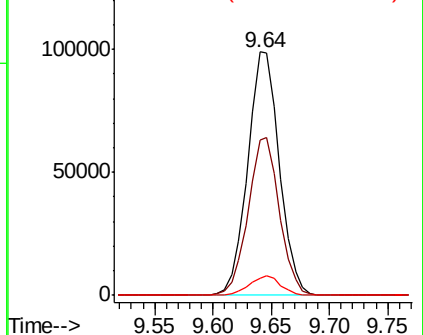
#47
Bromodichloromethane
Concen: 51.448 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 187121
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 7.2 6.4 9.6

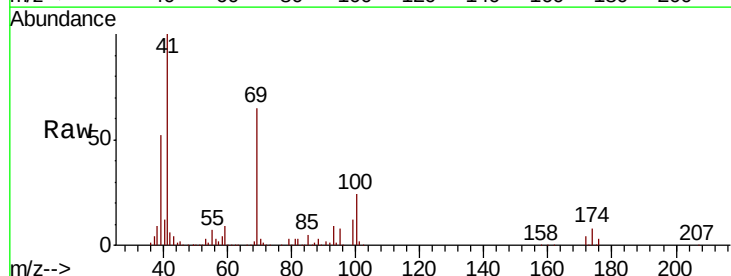


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

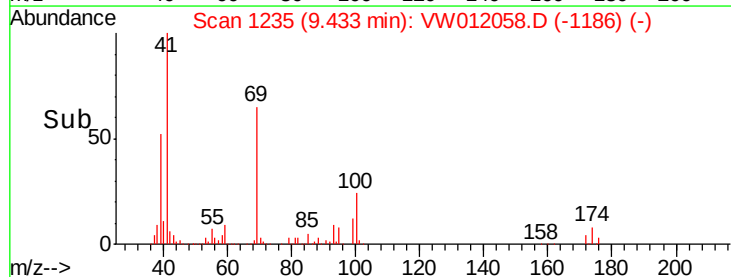
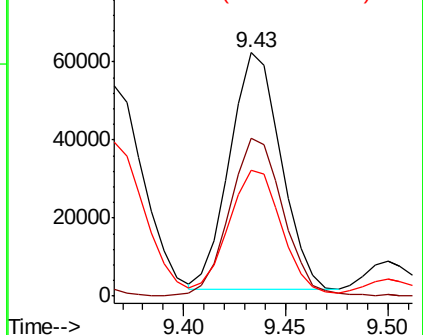


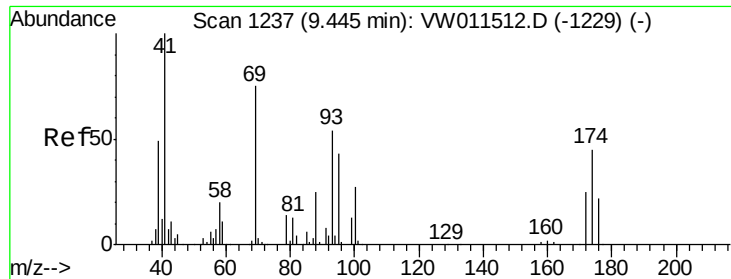
#48
Methyl methacrylate
Concen: 51.032 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 41 Resp: 105134
Ion Ratio Lower Upper
41 100
69 70.0 57.1 85.7
39 53.2 45.4 68.2



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

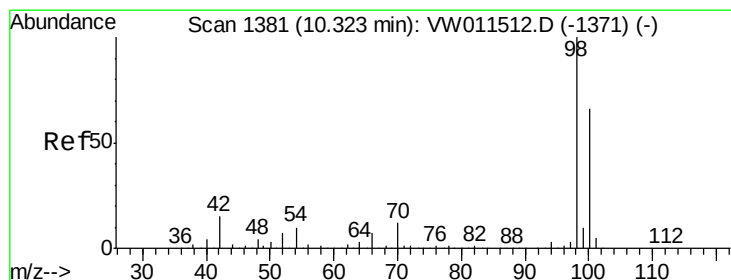
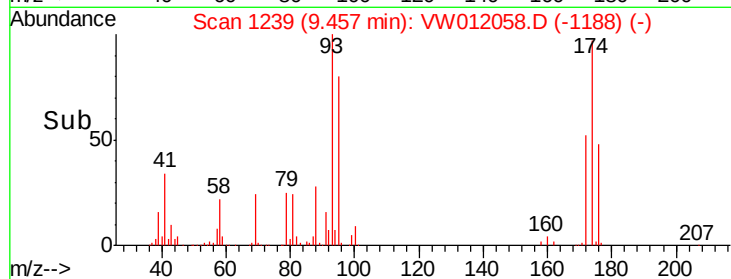
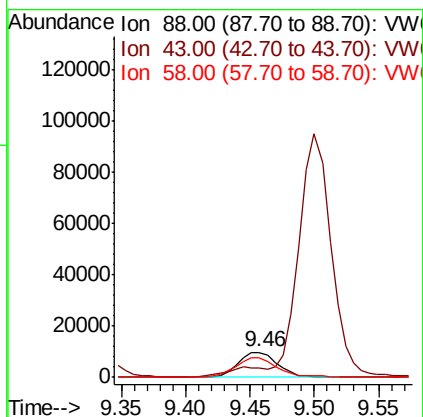
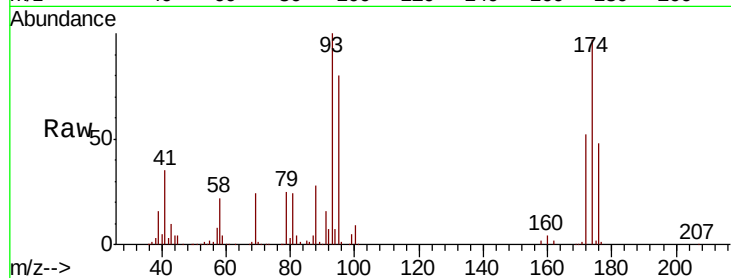




#49
1,4-Dioxane
Concen: 1036.194 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

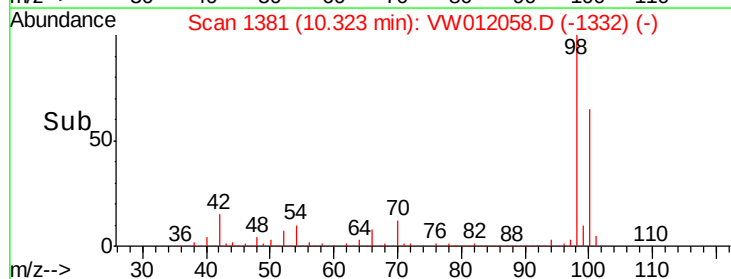
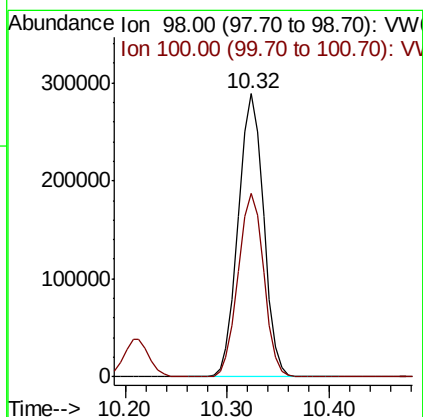
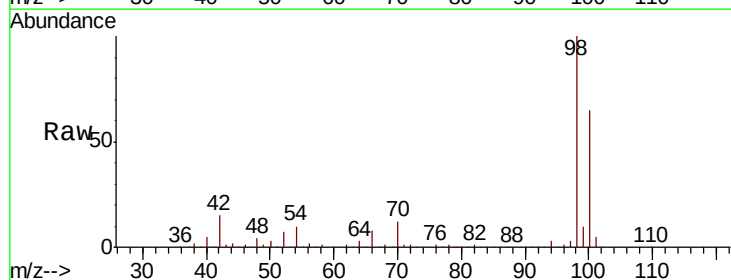
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

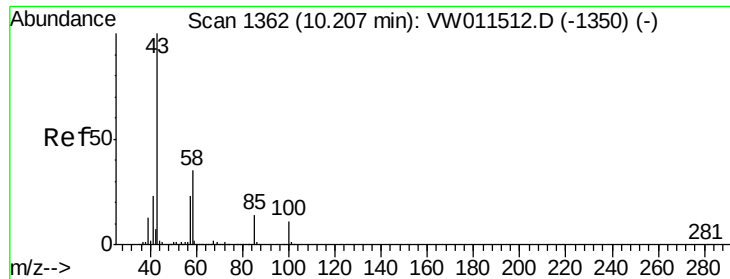
Tgt Ion: 88 Resp: 20803
Ion Ratio Lower Upper
88 100
43 38.1 34.0 51.0
58 85.8 69.7 104.5



#50
Toluene-d8
Concen: 55.500 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 98 Resp: 496945
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

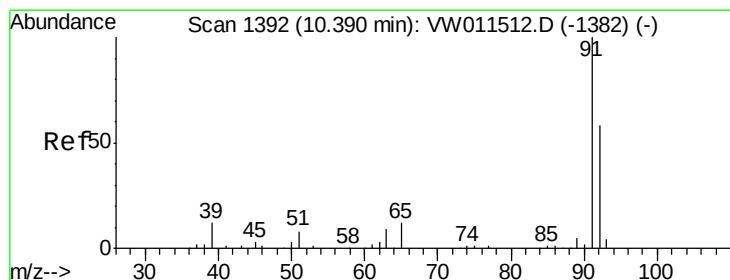
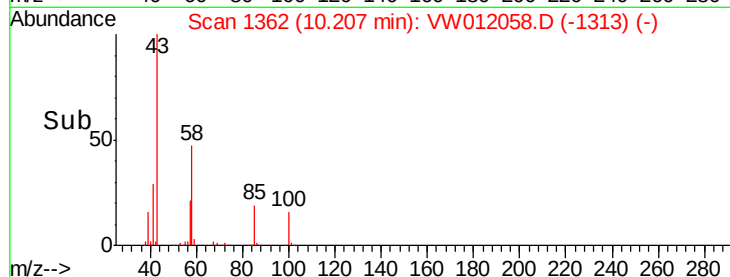
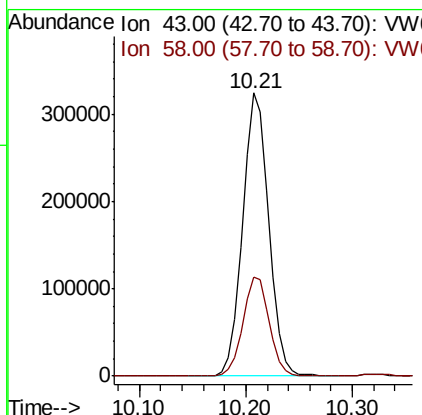
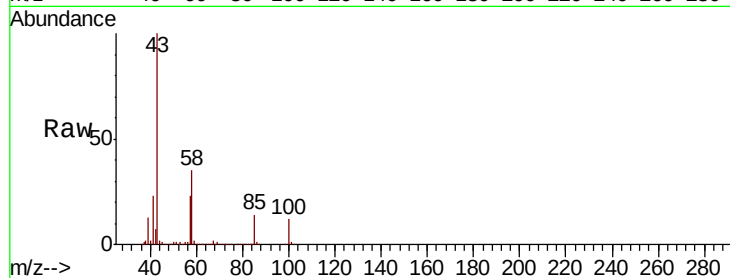




#51
 4-Methyl-2-Pentanone
 Concen: 250.264 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

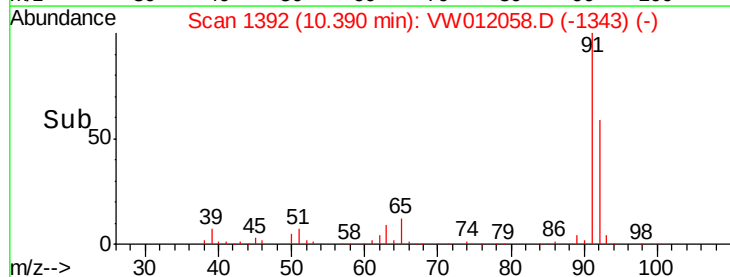
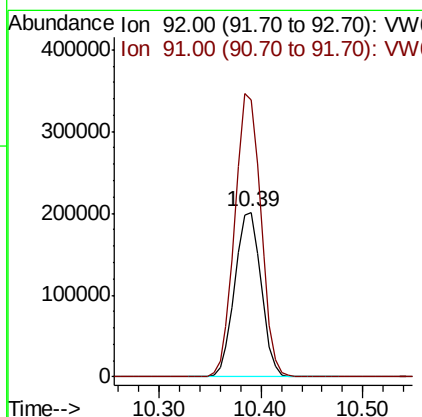
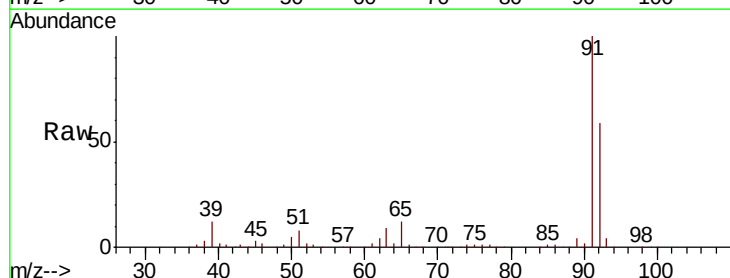
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

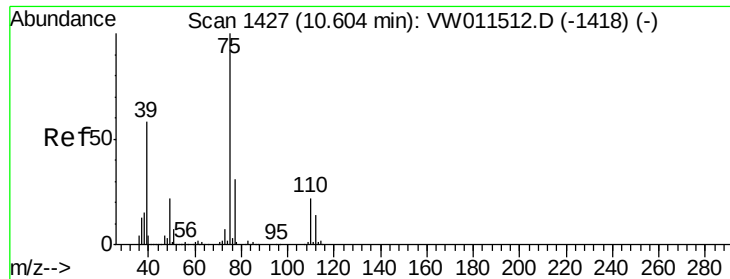
Tgt Ion: 43 Resp: 558288
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.2 42.2



#52
 Toluene
 Concen: 52.294 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 92 Resp: 358553
 Ion Ratio Lower Upper
 92 100
 91 170.7 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 51.800 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

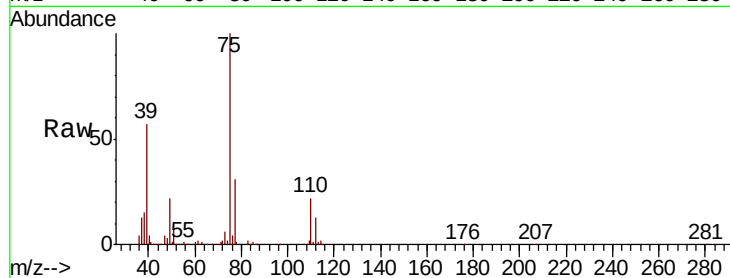
VSTDCCC050

Tgt Ion: 75 Resp: 196806

Ion Ratio Lower Upper

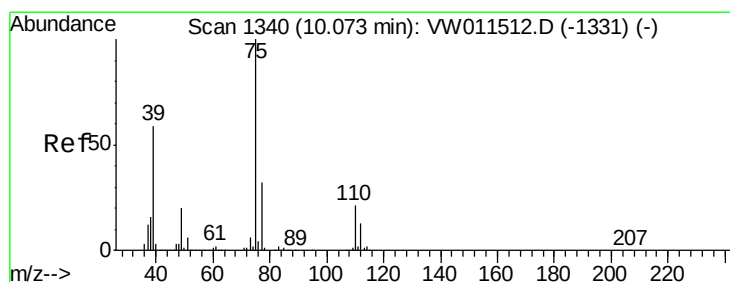
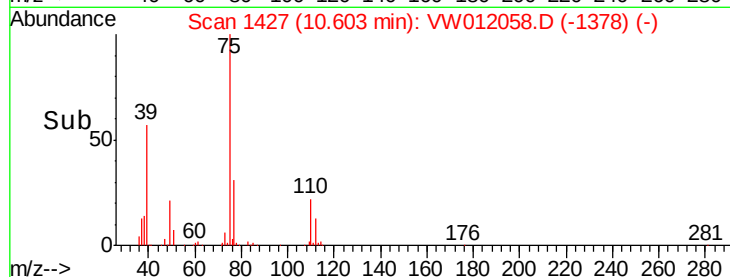
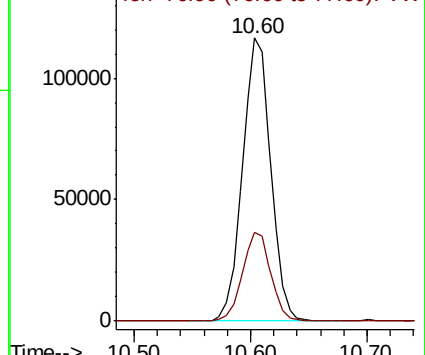
75 100

77 31.0 25.0 37.4



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: 52.091 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

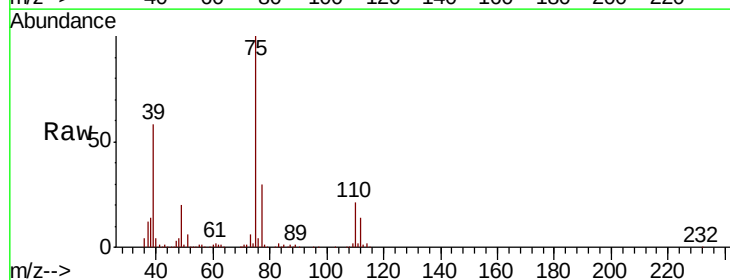
Tgt Ion: 75 Resp: 235316

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

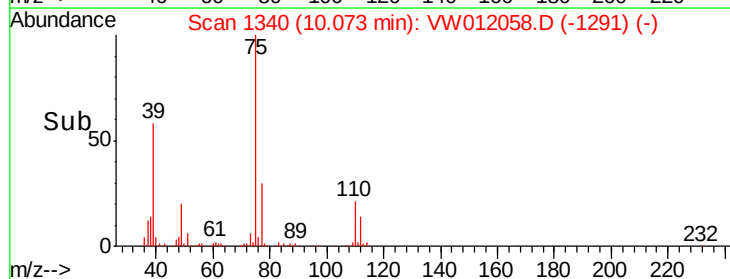
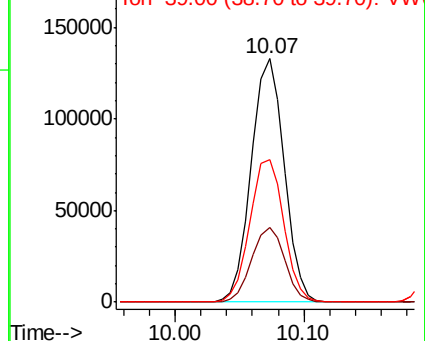
39 58.2 47.0 70.4

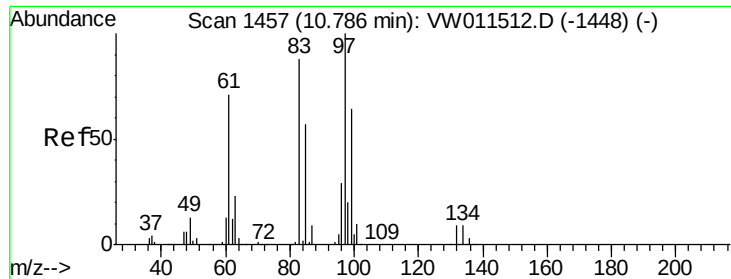


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

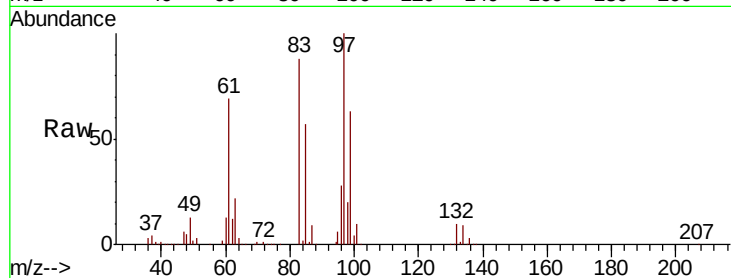




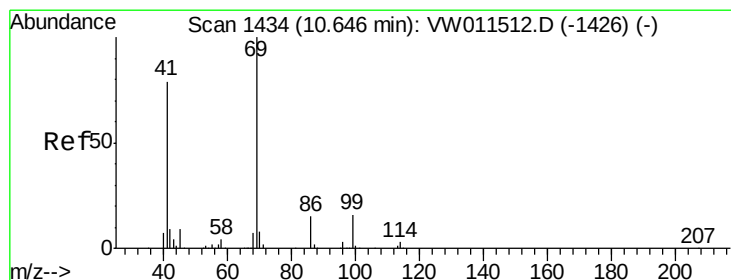
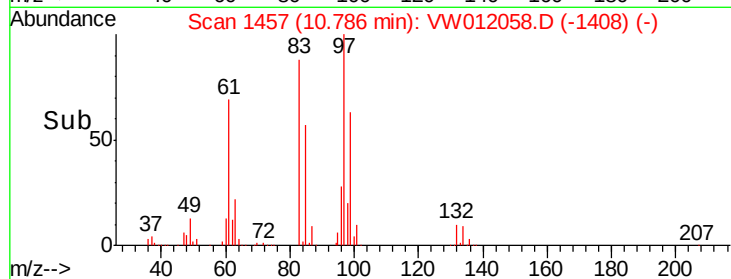
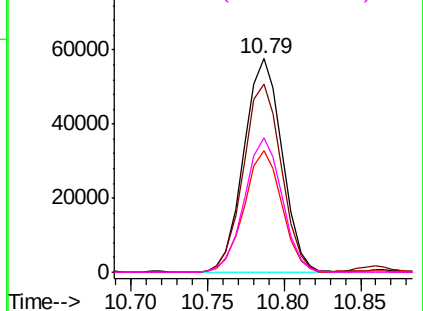
#55
 1,1,2-Trichloroethane
 Concen: 51.072 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	100474
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	56.7	45.8	68.6
99	63.1	51.0	76.4

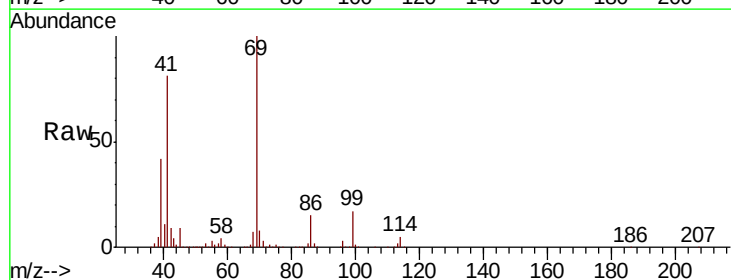


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

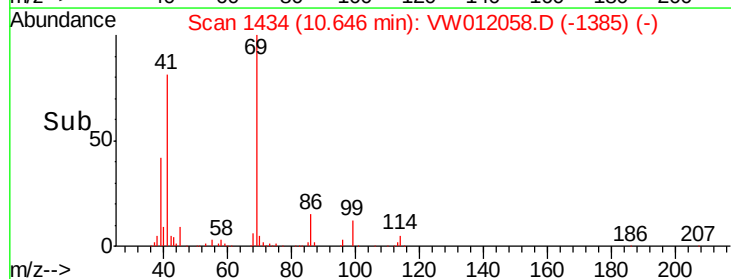
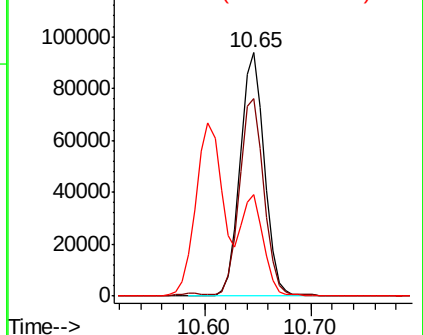


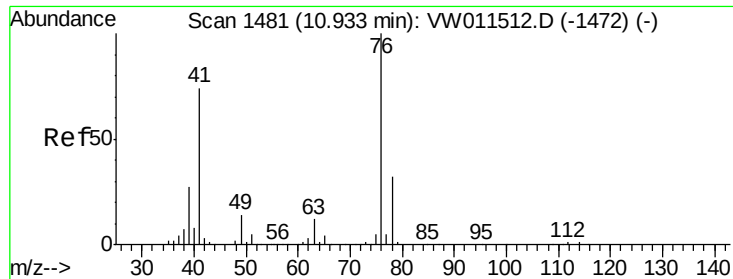
#56
 Ethyl methacrylate
 Concen: 52.315 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion:	69	Resp:	150605
Ion	Ratio	Lower	Upper
69	100		
41	81.6	66.6	99.8
39	37.7	30.3	45.5



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

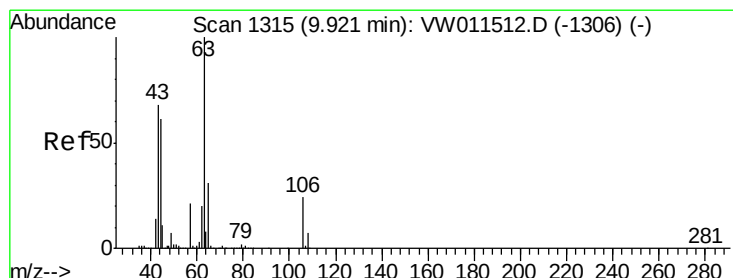
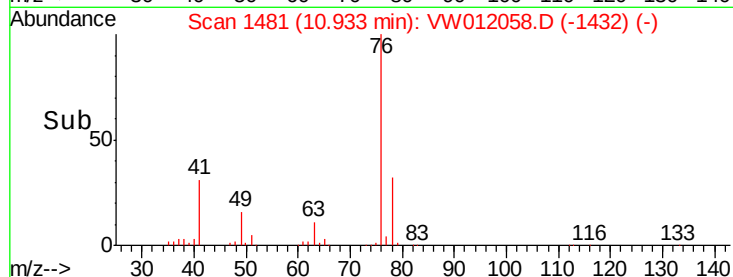
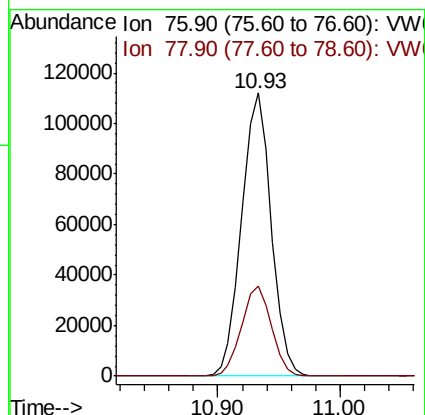
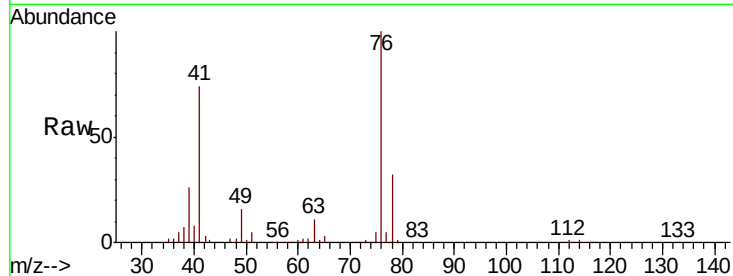




#57
 1,3-Dichloropropane
 Concen: 50.693 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

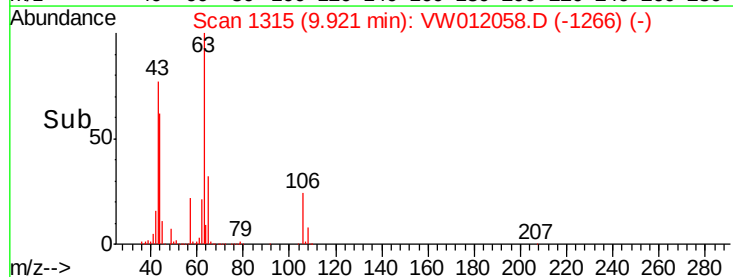
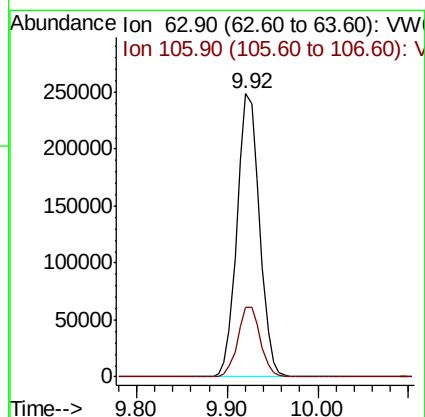
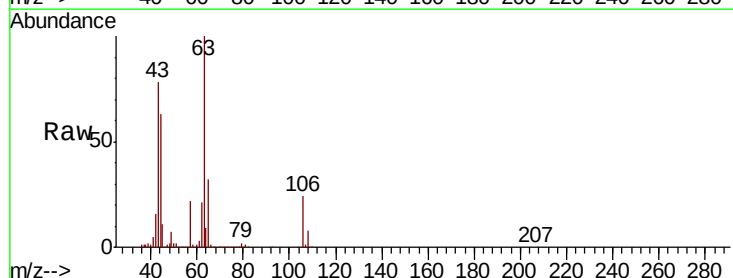
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

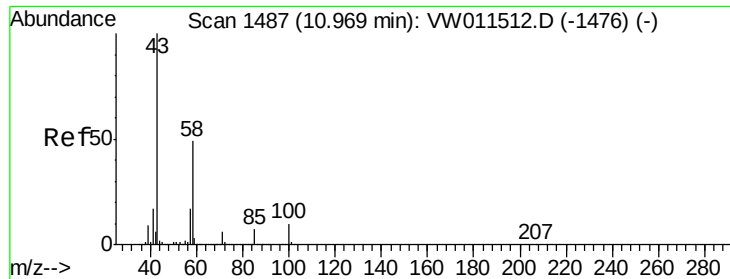
Tgt Ion: 76 Resp: 188677
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 327.222 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 63 Resp: 427708
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.7 29.5

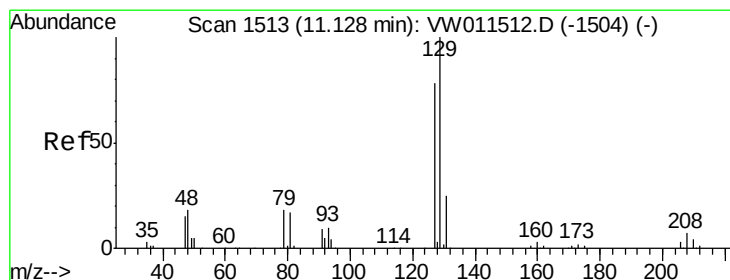
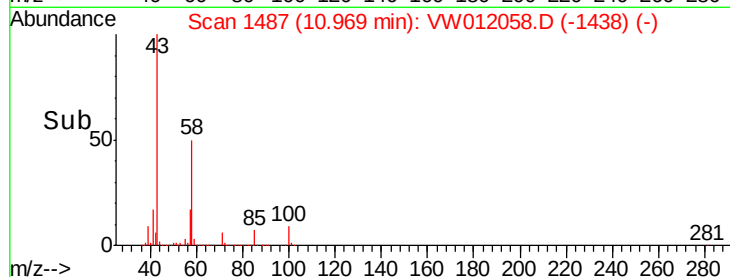
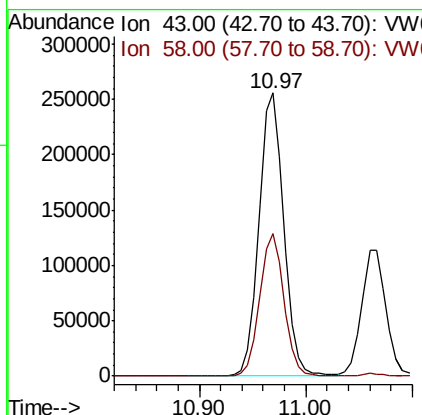
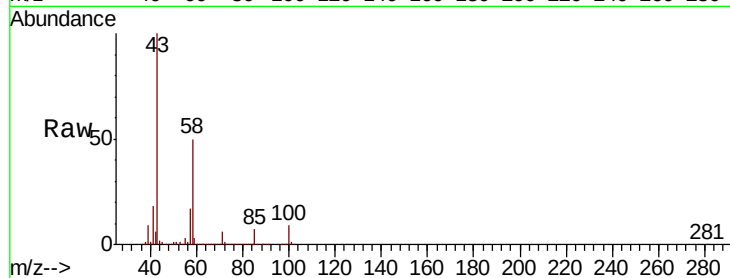




#59
2-Hexanone
Concen: 265.117 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

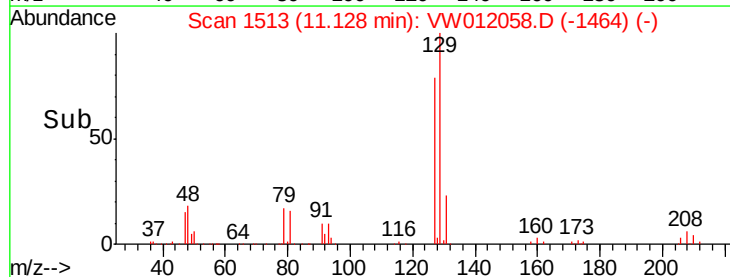
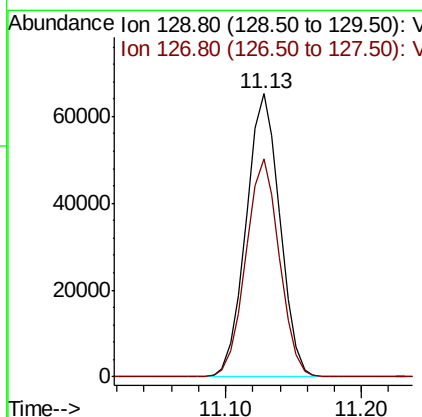
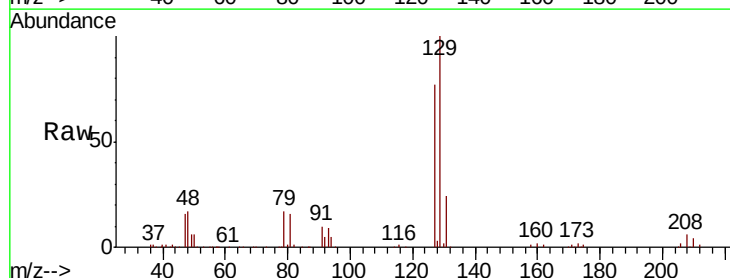
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

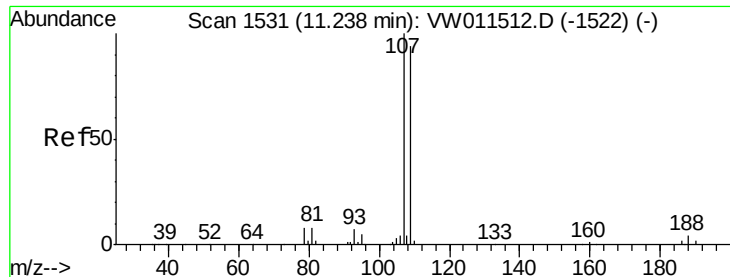
Tgt Ion: 43 Resp: 417582
Ion Ratio Lower Upper
43 100
58 49.3 24.3 72.9



#60
Dibromochloromethane
Concen: 52.028 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 129 Resp: 113616
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.686 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

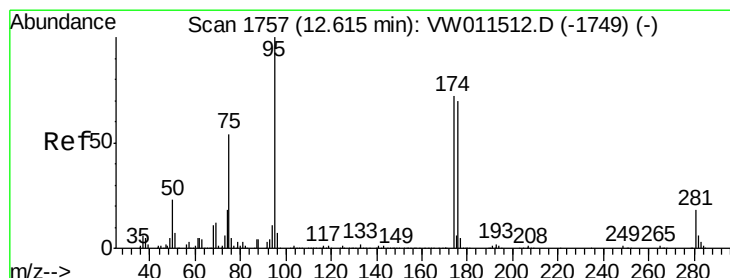
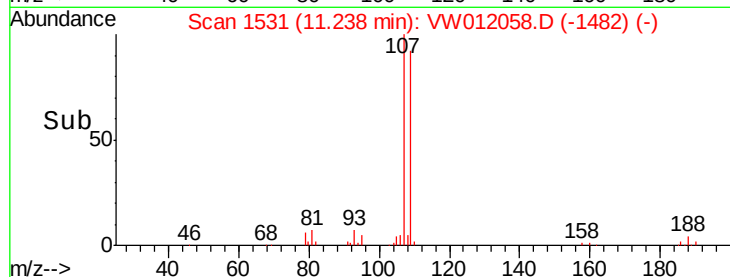
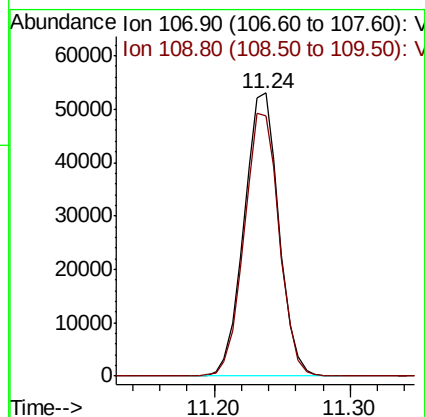
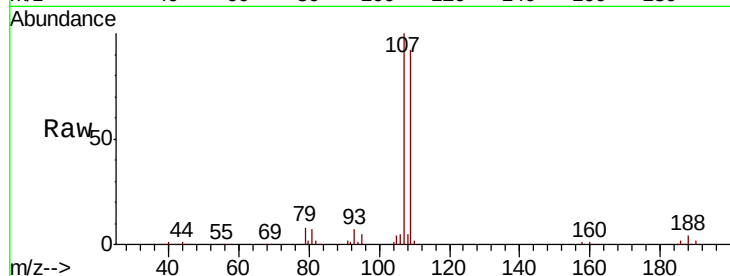
VSTDCCC050

Tgt Ion: 107 Resp: 94364

Ion Ratio Lower Upper

107 100

109 94.0 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 54.268 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

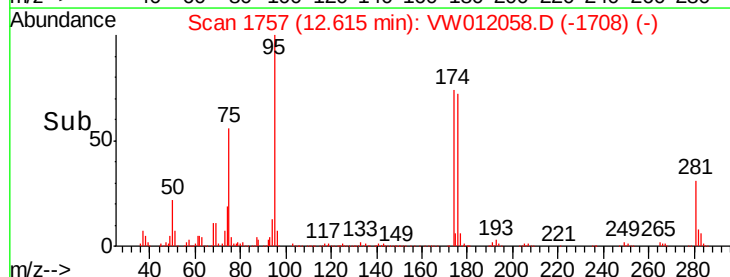
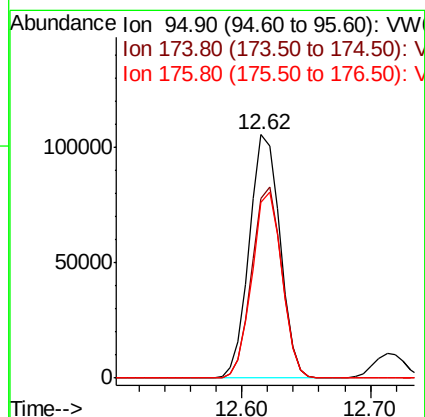
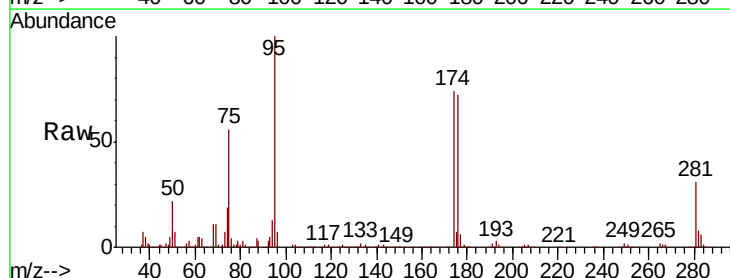
Tgt Ion: 95 Resp: 173237

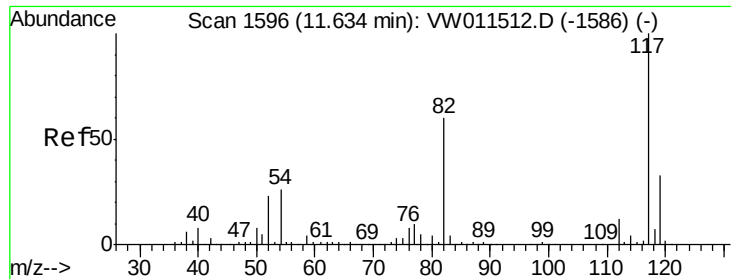
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.2

176 74.7 0.0 144.4

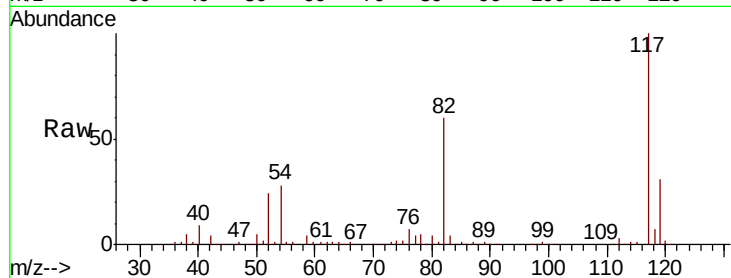




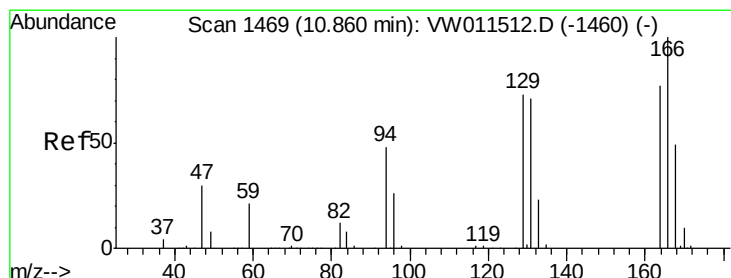
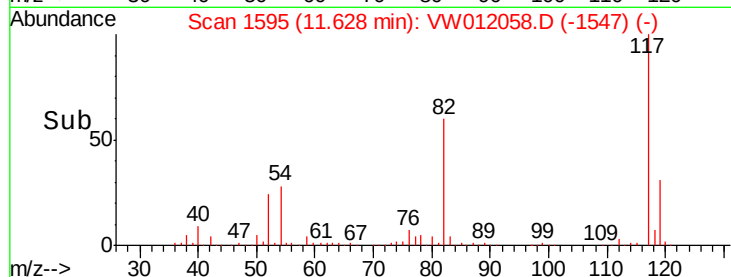
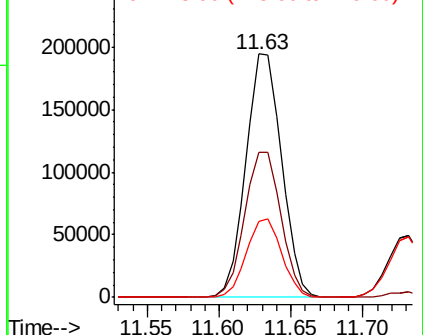
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 335231
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 31.1 26.2 39.2

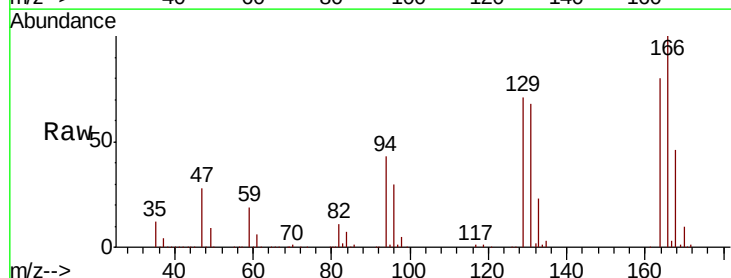


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

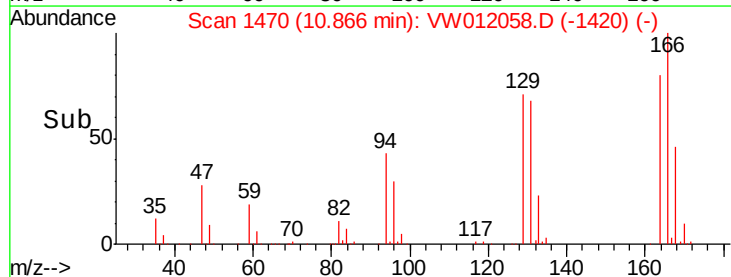
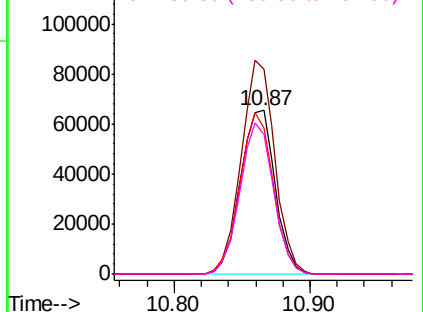


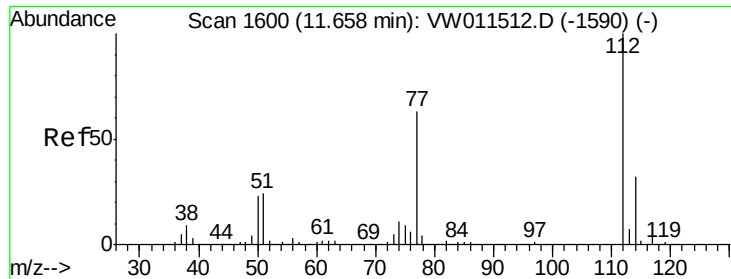
#64
Tetrachloroethene
Concen: 53.538 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion:164 Resp: 116858
Ion Ratio Lower Upper
164 100
166 125.3 103.5 155.3
129 89.4 75.2 112.8
131 85.5 73.4 110.2



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

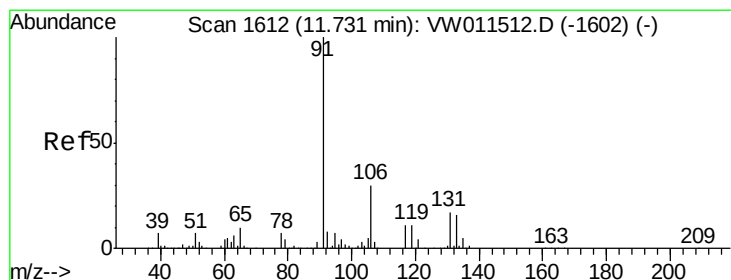
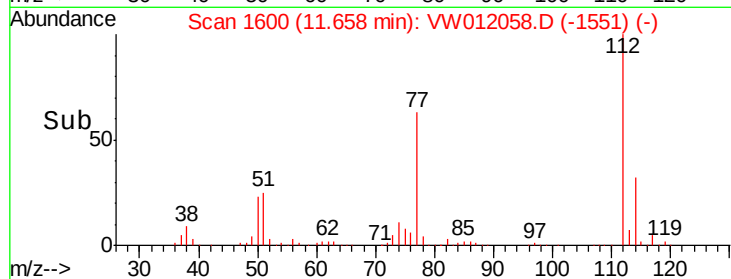
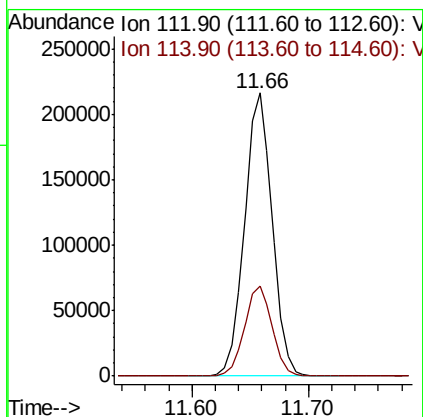
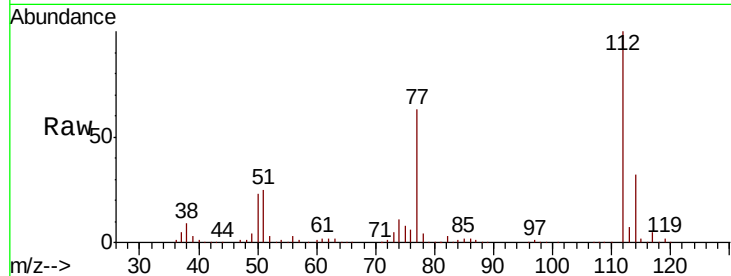




#65
Chlorobenzene
Concen: 52.938 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

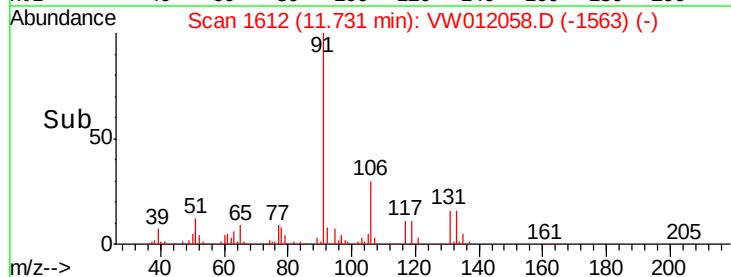
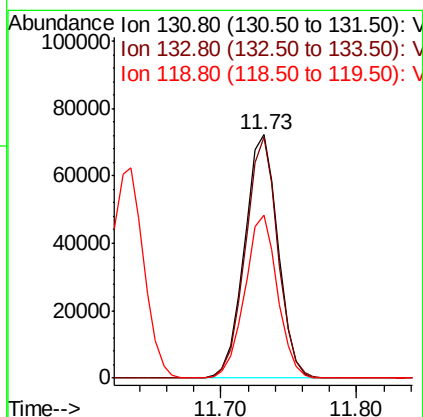
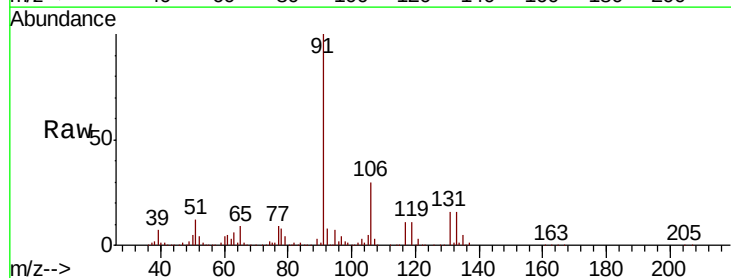
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

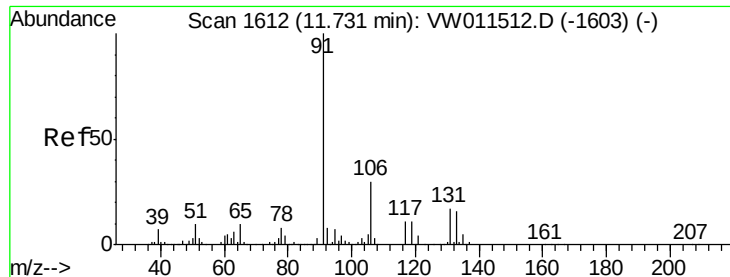
Tgt Ion:112 Resp: 356788
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.848 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion:131 Resp: 124067
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 65.5 32.3 96.9

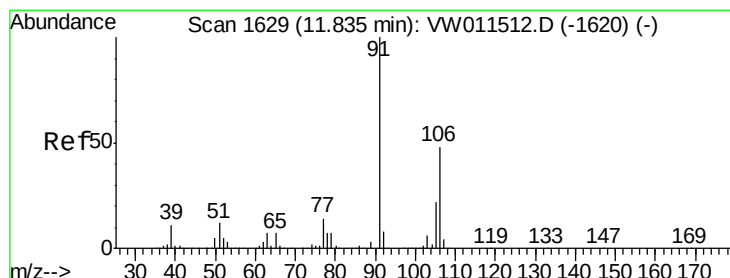
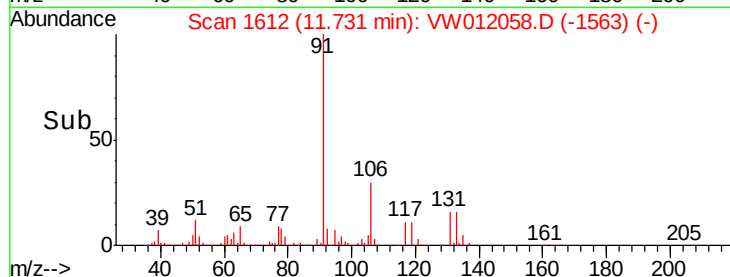
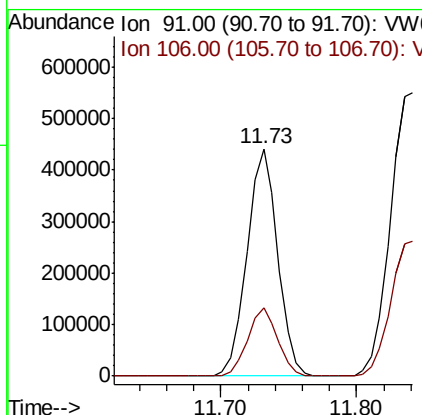
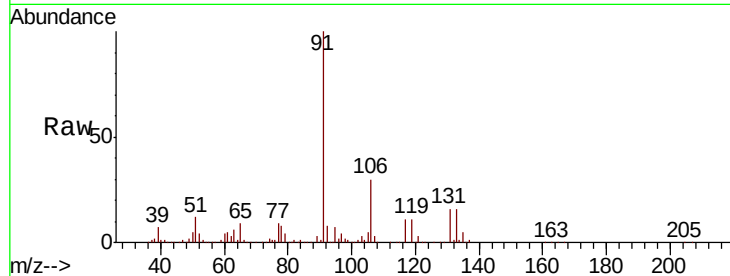




#67
Ethyl Benzene
Concen: 54.057 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

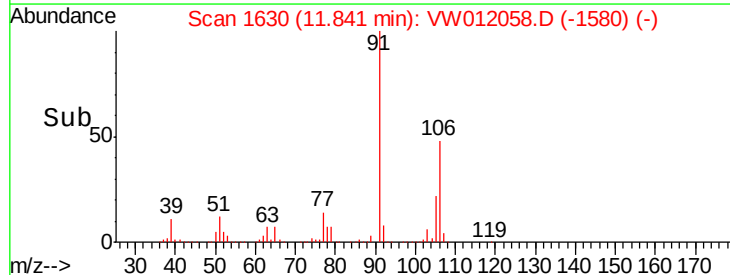
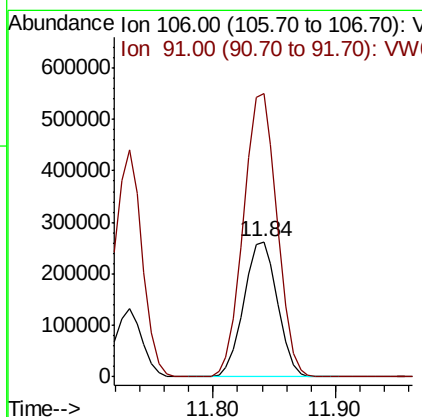
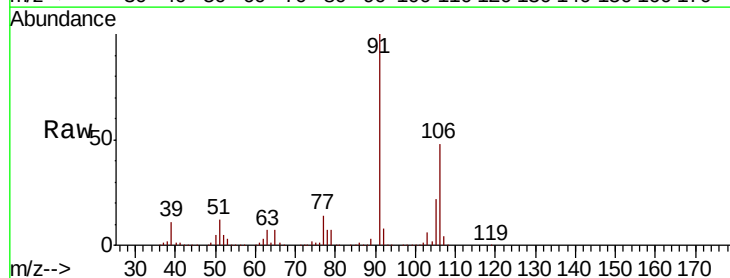
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

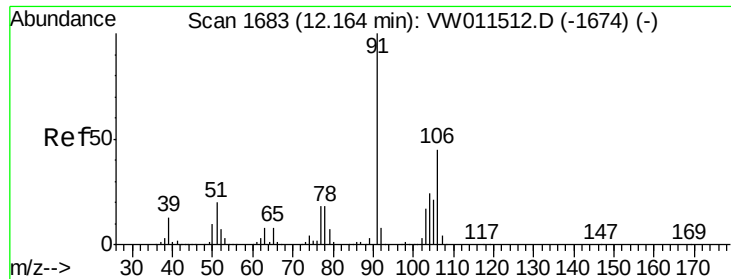
Tgt Ion: 91 Resp: 693884
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6



#68
m/p-Xylenes
Concen: 107.346 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion: 106 Resp: 501100
Ion Ratio Lower Upper
106 100
91 209.7 168.2 252.2

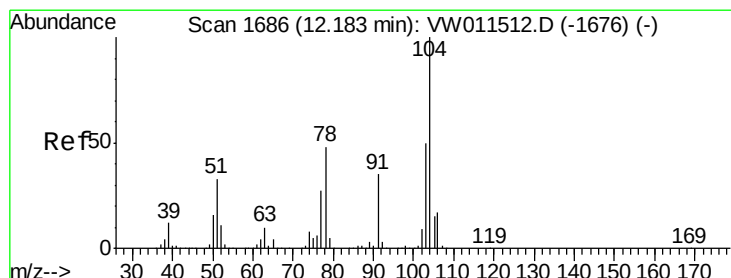
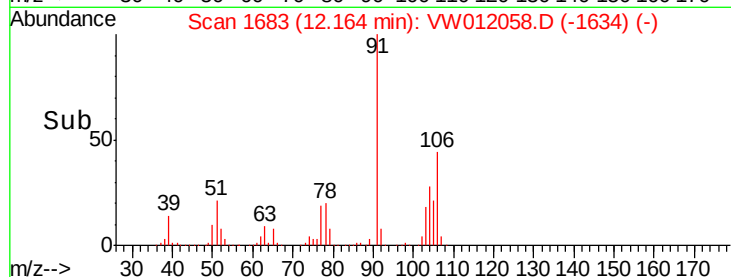
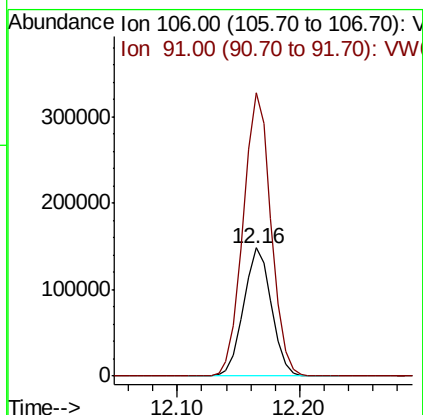
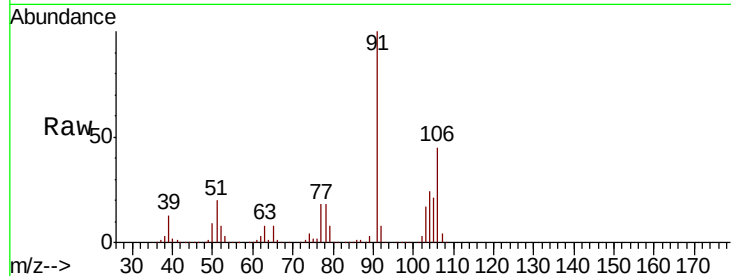




#69
o-Xylene
Concen: 53.868 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

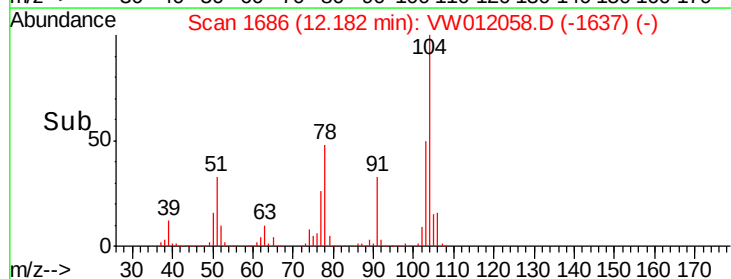
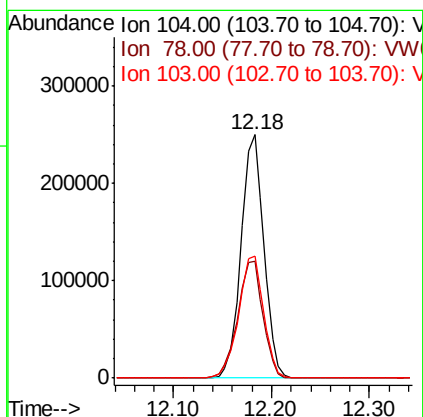
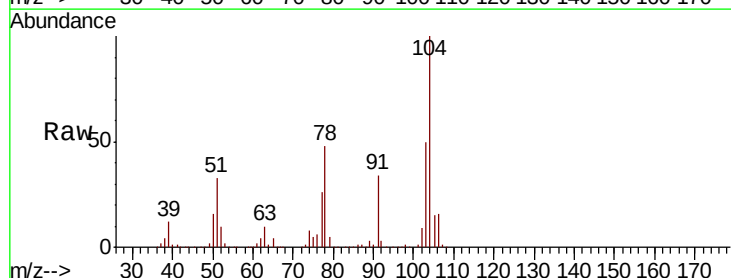
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

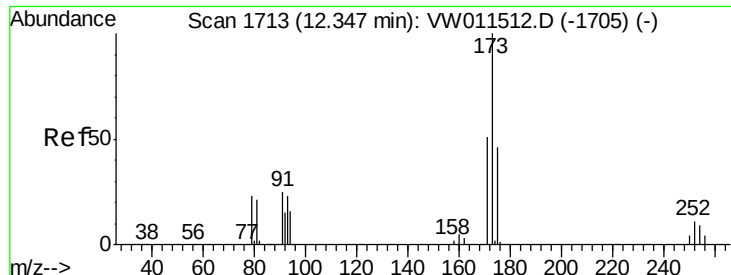
Tgt Ion:106 Resp: 233671
Ion Ratio Lower Upper
106 100
91 221.8 110.5 331.5



#70
Styrene
Concen: 53.997 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion:104 Resp: 404989
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 52.882 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

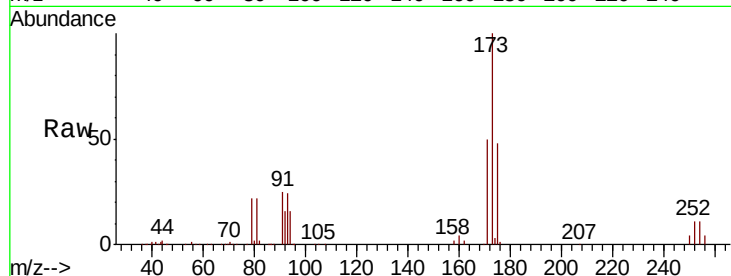
Tgt Ion:173 Resp: 63297

Ion Ratio Lower Upper

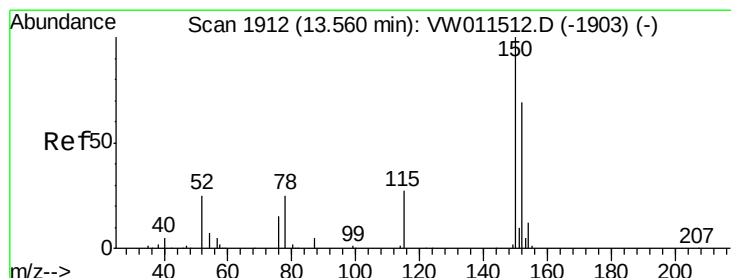
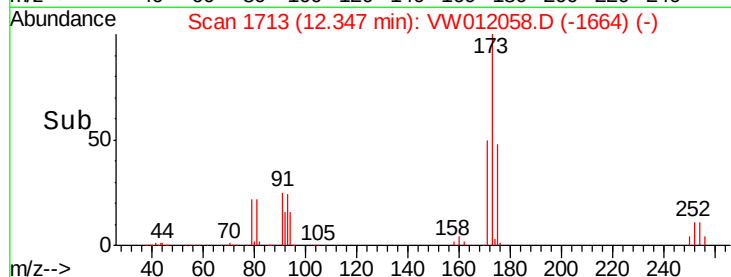
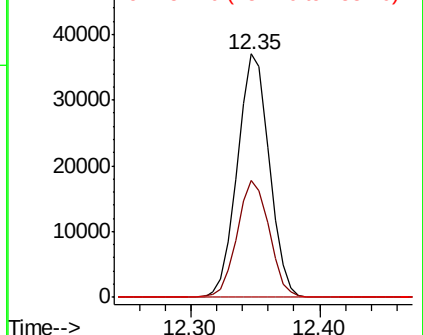
173 100

175 48.5 23.6 71.0

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

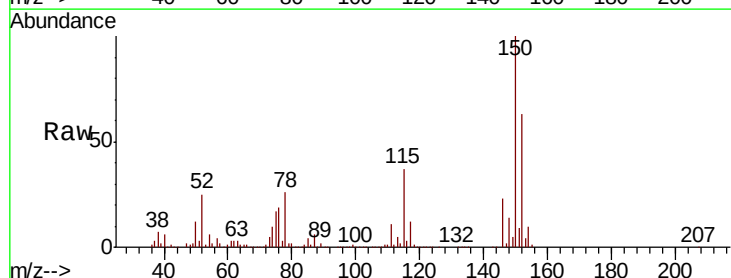
Tgt Ion:152 Resp: 162343

Ion Ratio Lower Upper

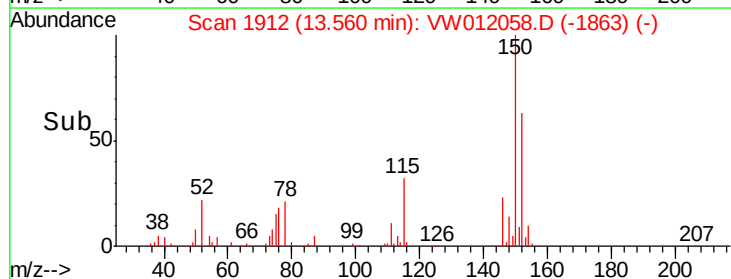
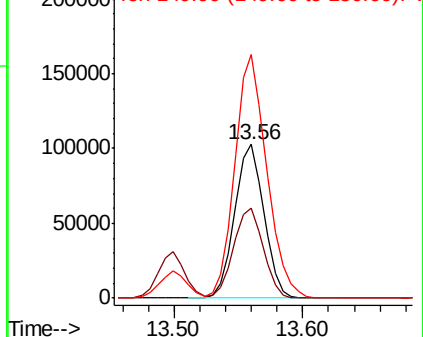
152 100

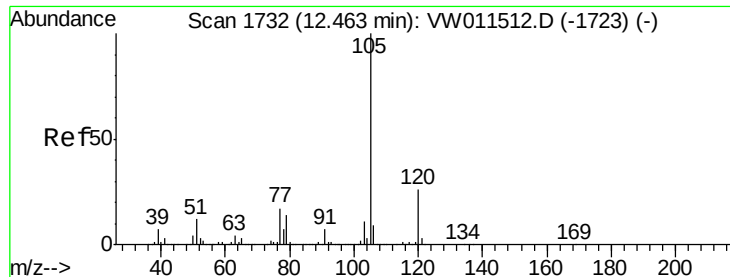
115 59.4 30.5 91.5

150 172.0 0.0 352.6



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: 54.161 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

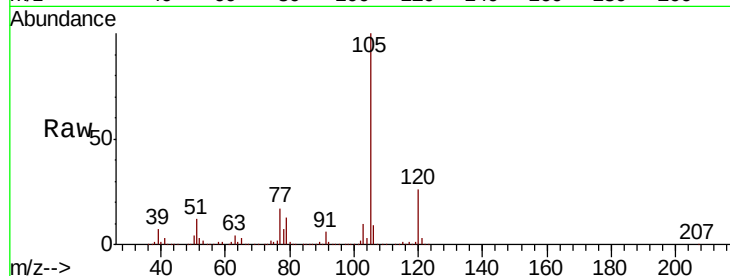
VSTDCCC050

Tgt Ion:105 Resp: 655950

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

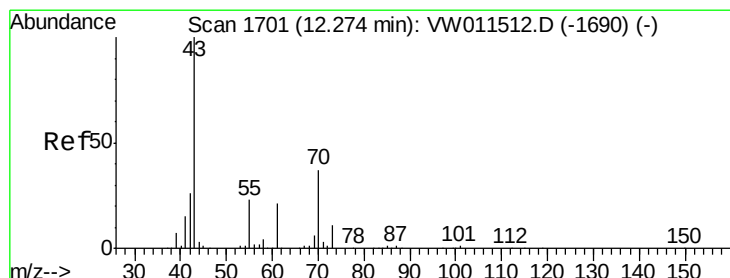
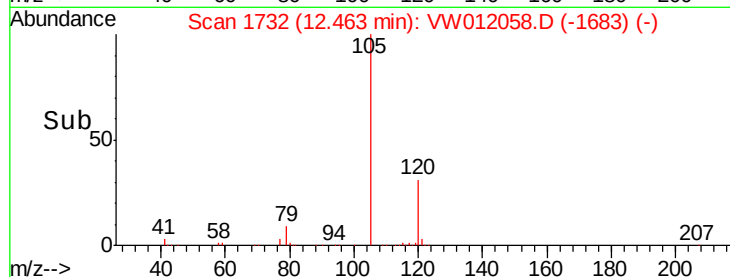
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.632 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Tgt Ion: 43 Resp: 199564

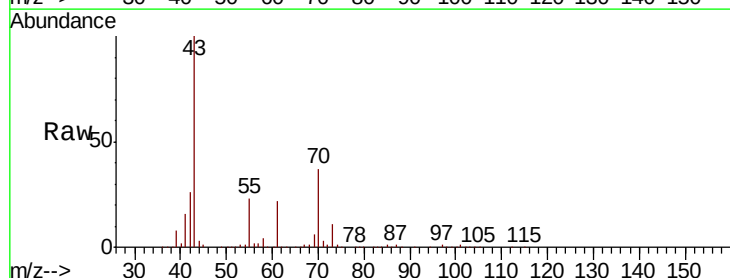
Ion Ratio Lower Upper

43 100

70 36.3 28.6 43.0

55 22.3 17.8 26.8

61 21.6 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

200000

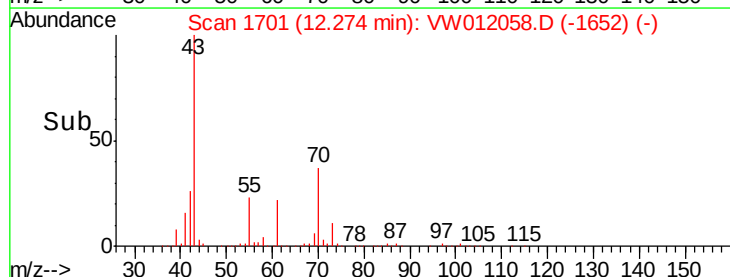
150000

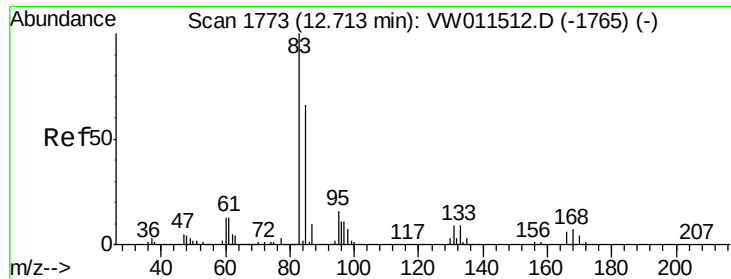
100000

50000

0

Time-->

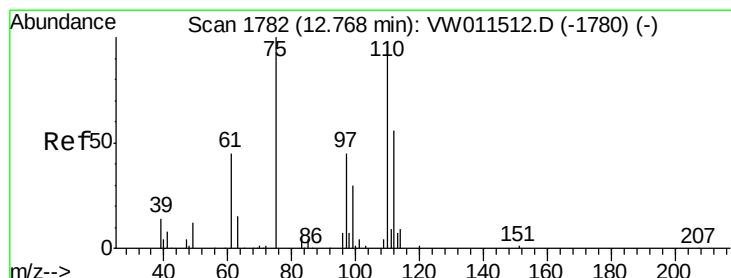
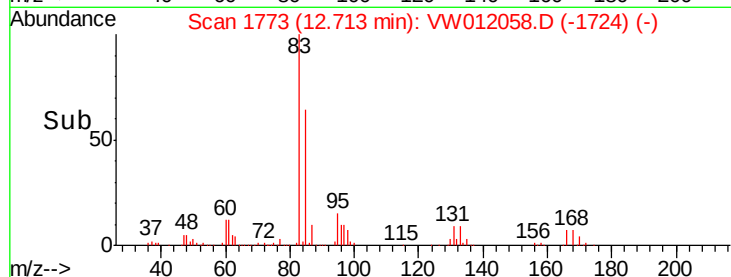
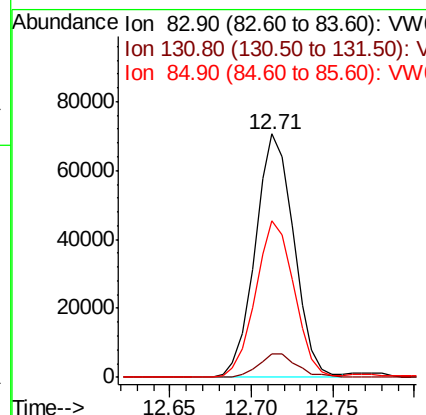
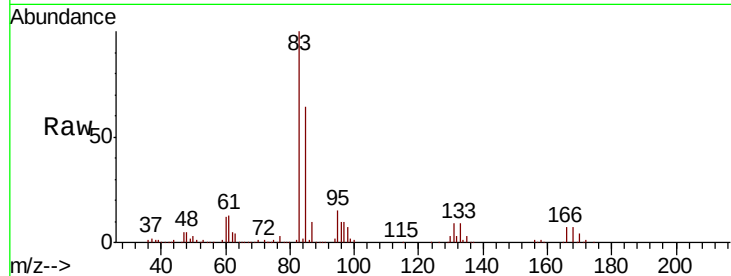




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.217 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

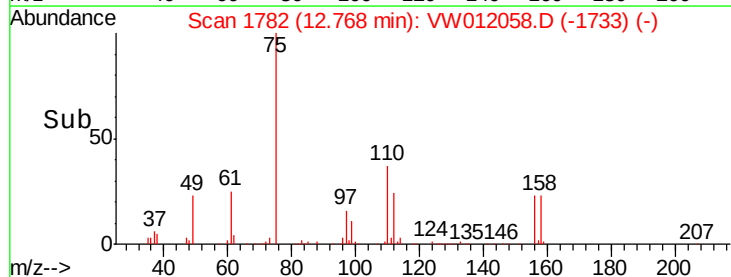
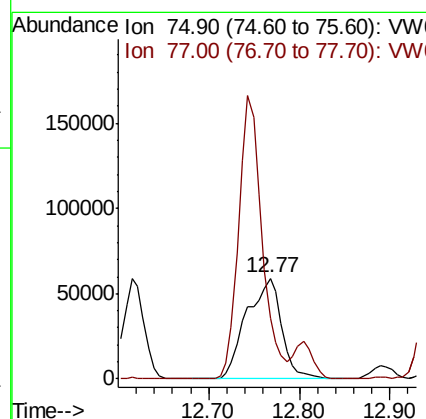
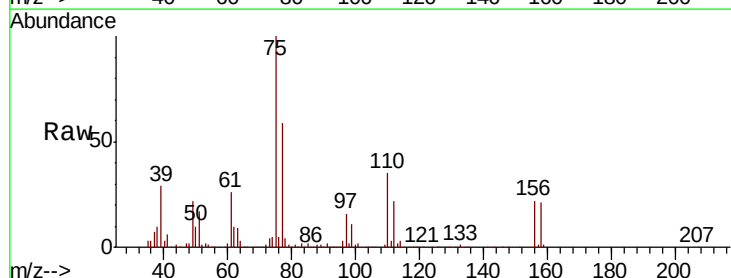
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

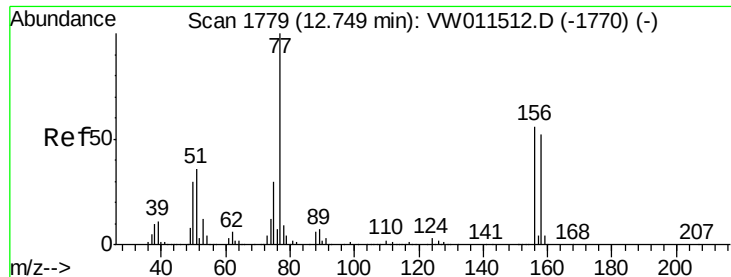
Tgt Ion: 83 Resp: 116678
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.6
 85 64.2 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 91.947 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 75 Resp: 157945
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.297 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

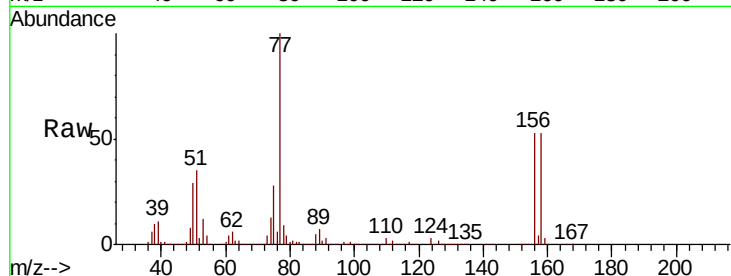
Tgt Ion:156 Resp: 139997

Ion Ratio Lower Upper

156 100

77 213.4 106.5 319.4

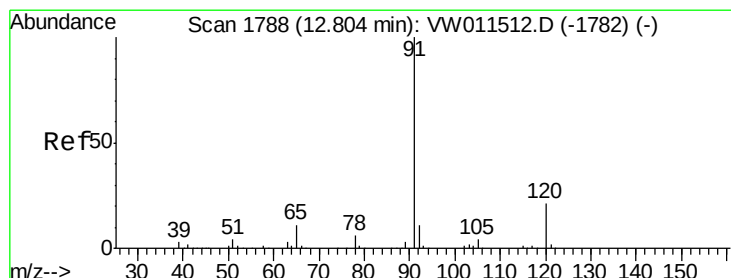
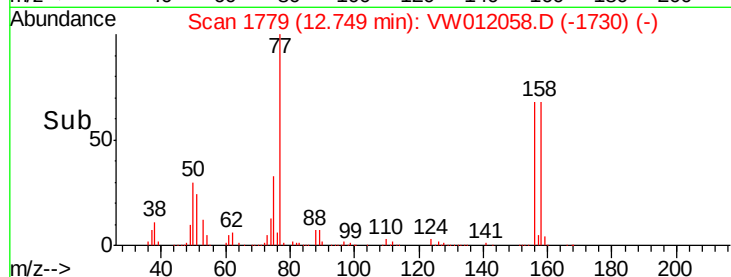
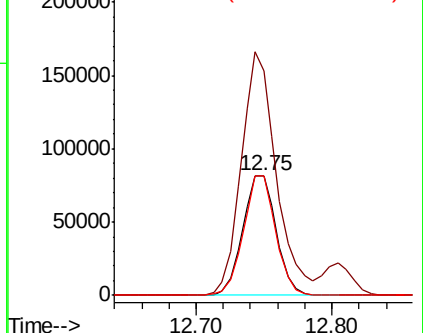
158 97.0 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.313 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012058.D

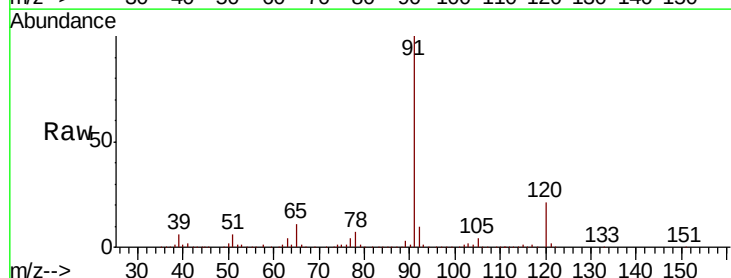
Acq: 21 Aug 2019 08:57

Tgt Ion: 91 Resp: 800541

Ion Ratio Lower Upper

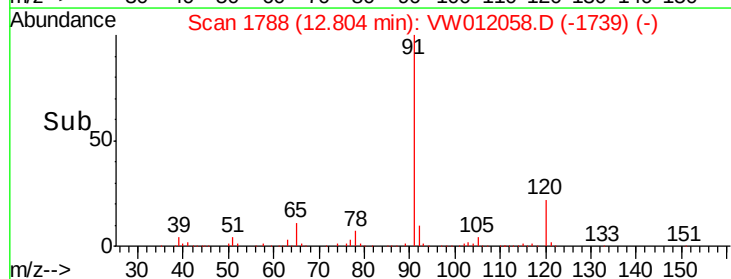
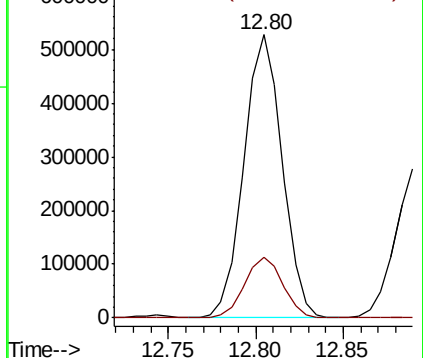
91 100

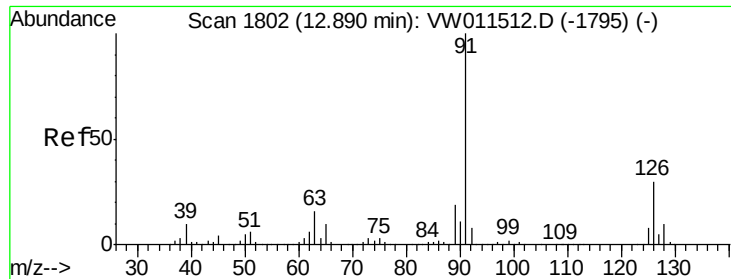
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.086 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

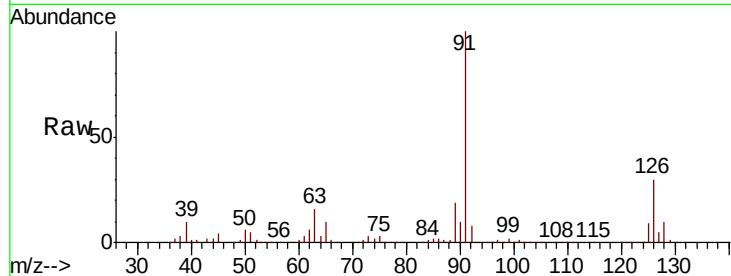
VSTDCCC050

Tgt Ion: 91 Resp: 450771

Ion Ratio Lower Upper

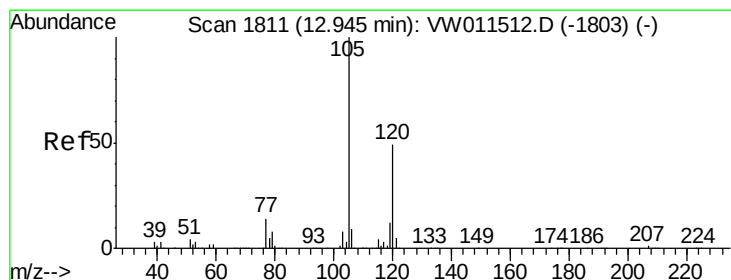
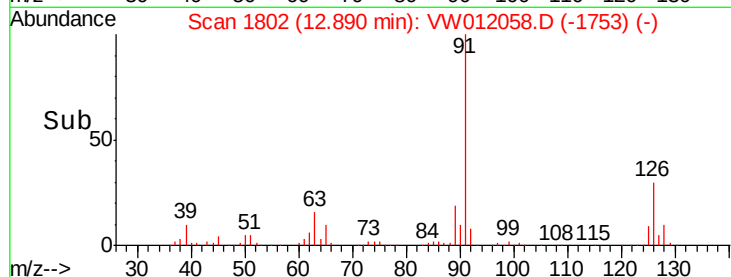
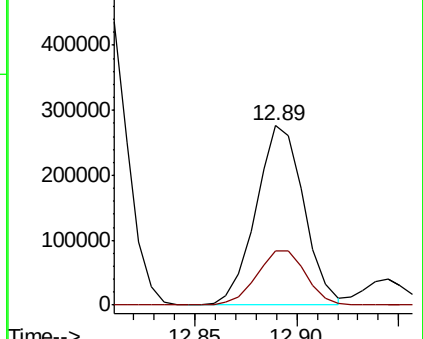
91 100

126 31.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.250 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012058.D

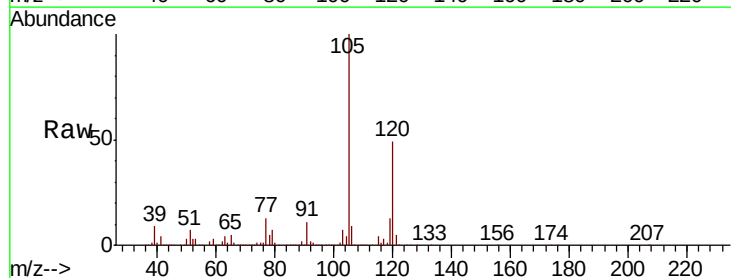
Acq: 21 Aug 2019 08:57

Tgt Ion: 105 Resp: 550756

Ion Ratio Lower Upper

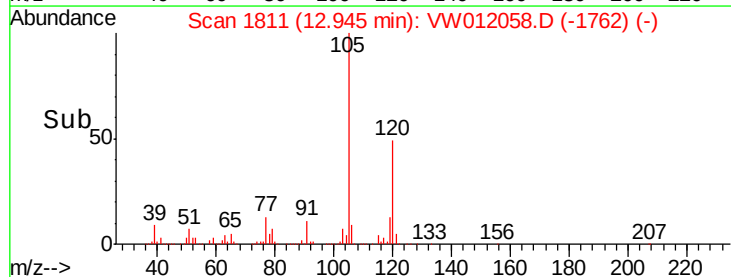
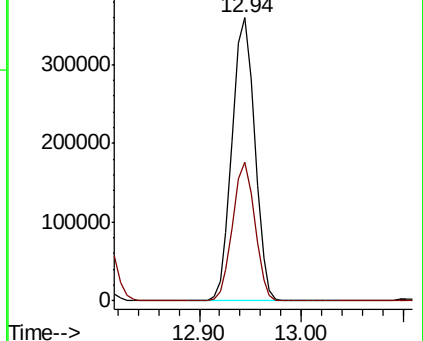
105 100

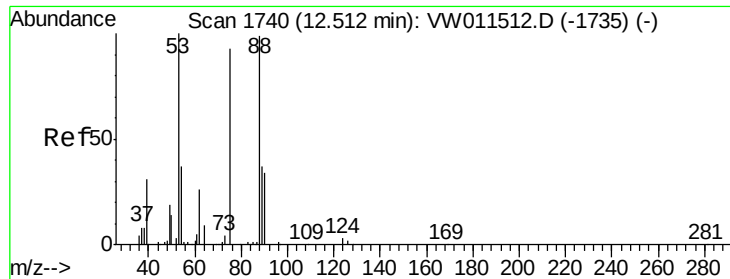
120 48.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.635 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

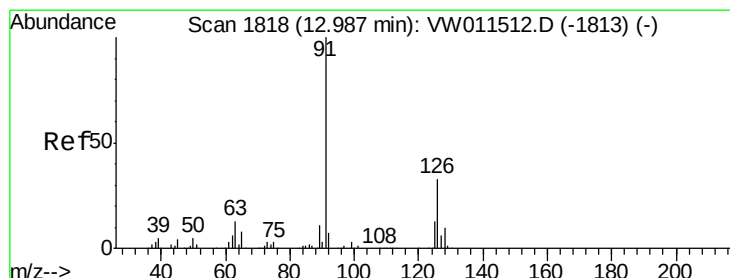
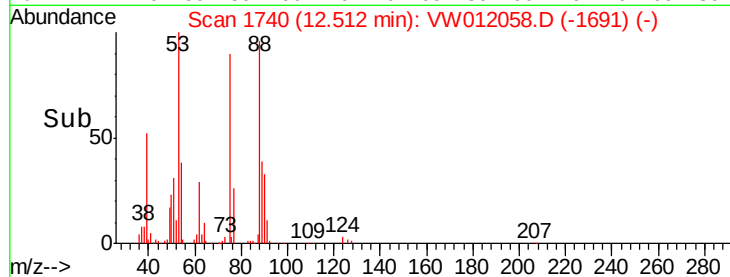
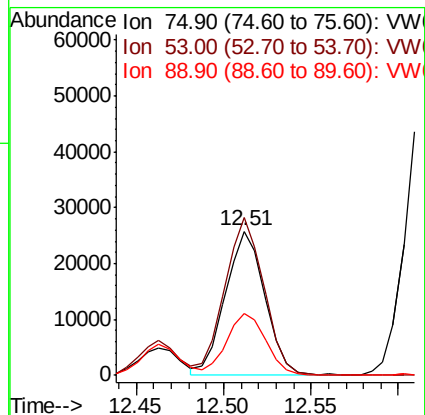
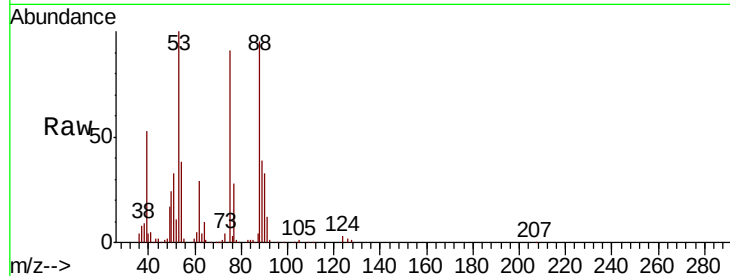
Tgt Ion: 75 Resp: 39977

Ion Ratio Lower Upper

75 100

53 110.3 88.0 132.0

89 43.2 35.3 52.9



#82

4-Chlorotoluene

Concen: 52.929 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012058.D

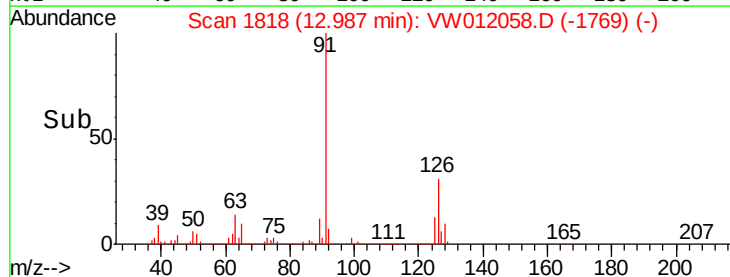
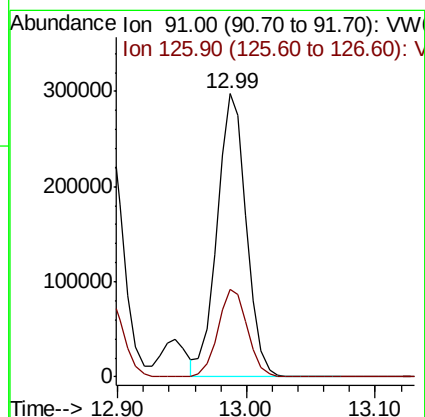
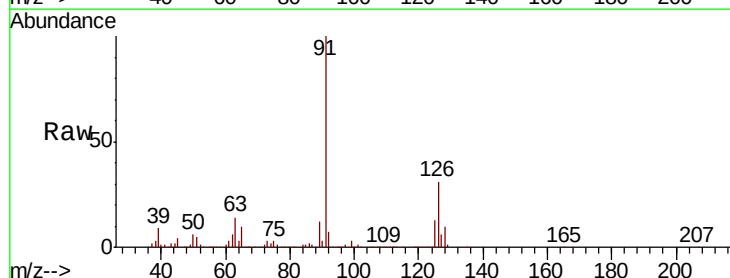
Acq: 21 Aug 2019 08:57

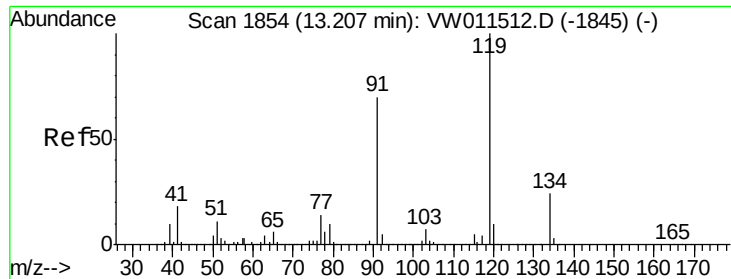
Tgt Ion: 91 Resp: 471553

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8

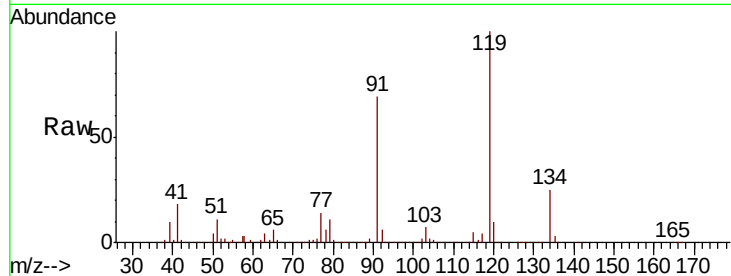




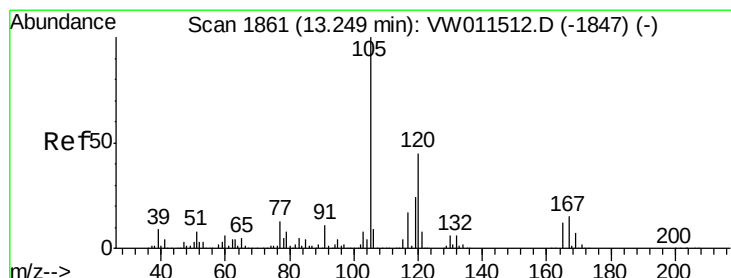
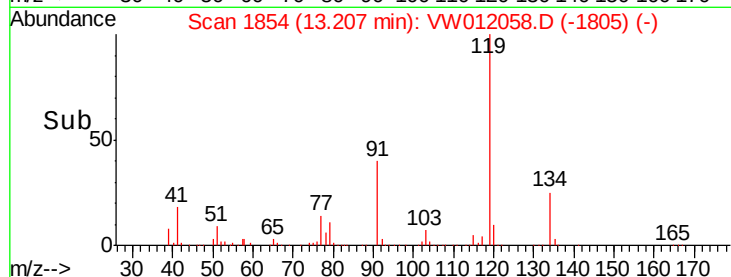
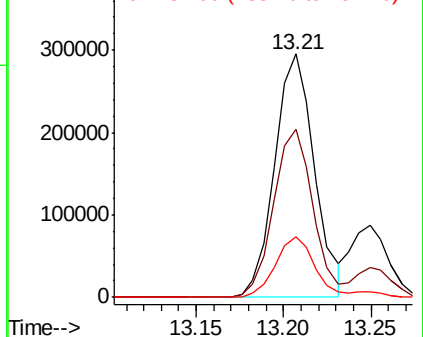
#83
 tert-Butylbenzene
 Concen: 55.259 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 469134
 Ion Ratio Lower Upper
 119 100
 91 68.1 34.5 103.6
 134 24.7 12.4 37.4

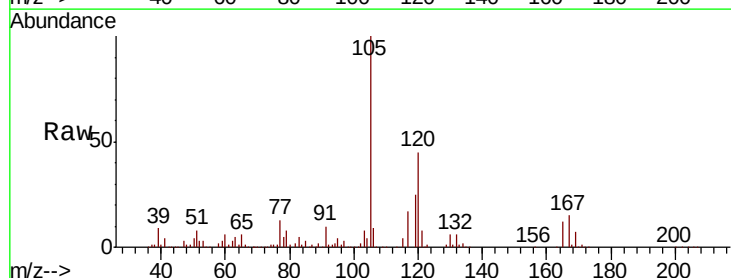


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

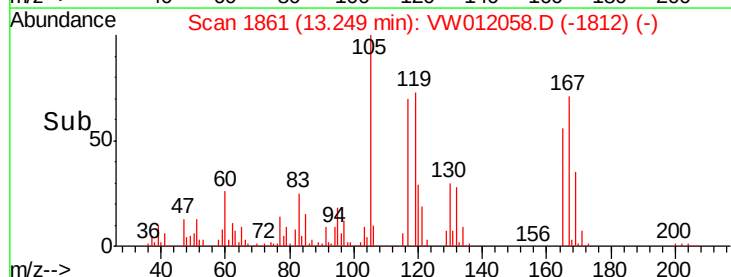
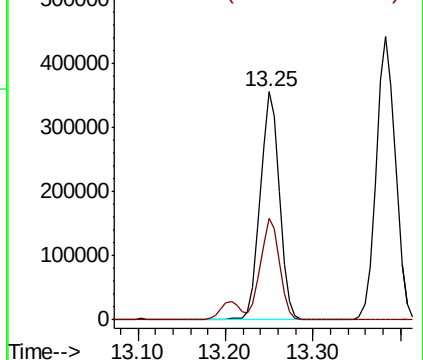


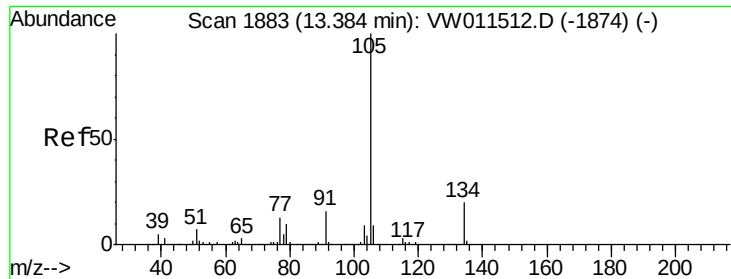
#84
 1,2,4-Trimethylbenzene
 Concen: 53.275 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion:105 Resp: 544839
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.312 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

Instrument :

MSVOA_W

ClientSampleId :

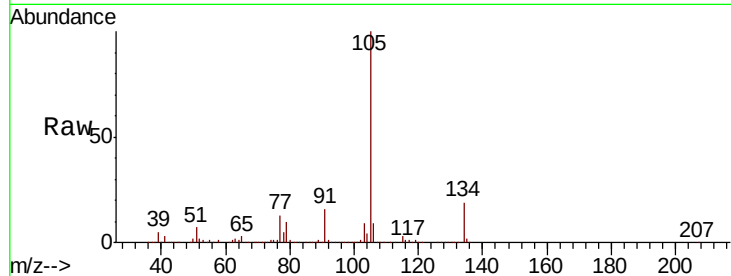
VSTDCCC050

Tgt Ion:105 Resp: 670038

Ion Ratio Lower Upper

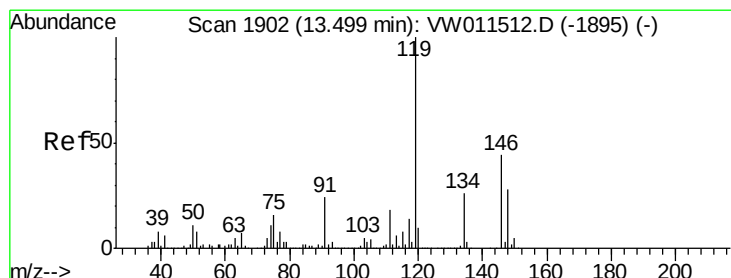
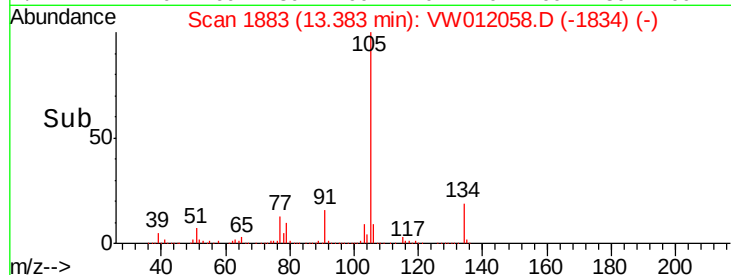
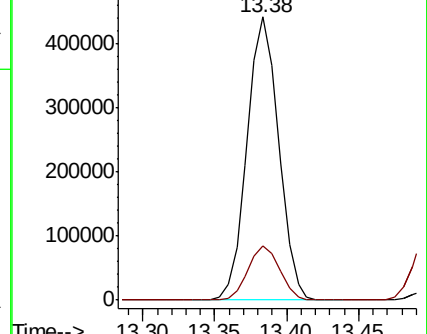
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.776 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012058.D

Acq: 21 Aug 2019 08:57

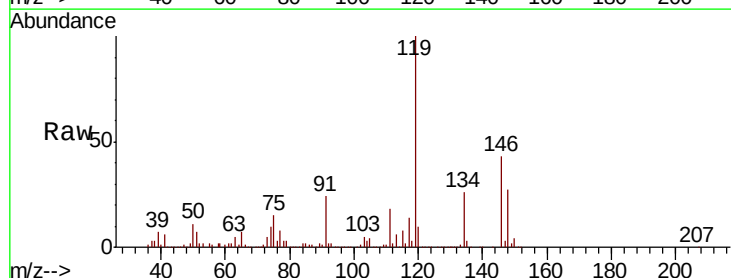
Tgt Ion:119 Resp: 602040

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

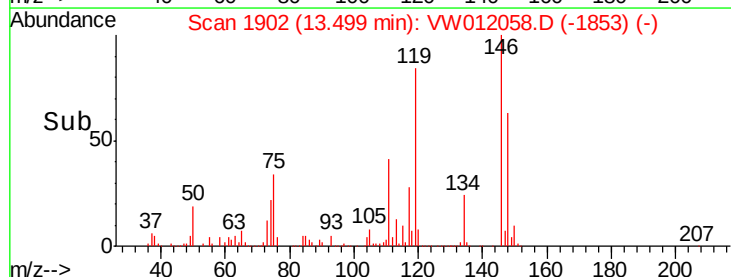
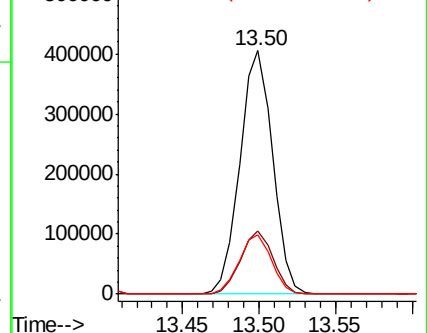
91 24.2 12.1 36.3

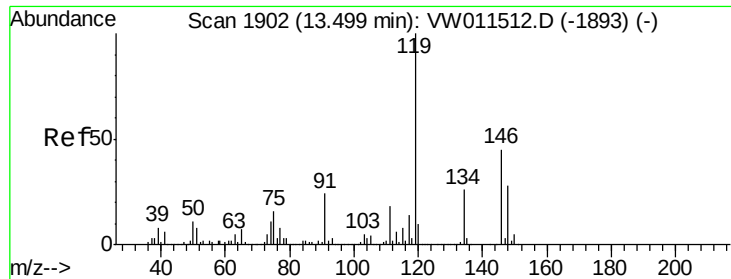


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

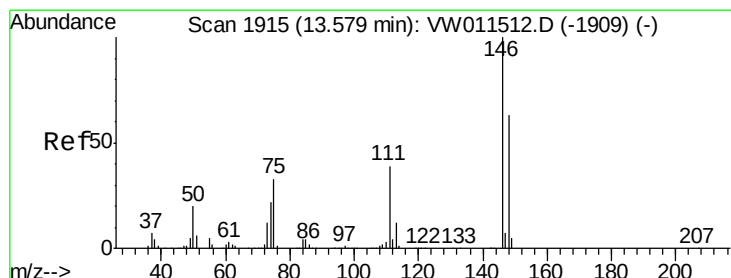
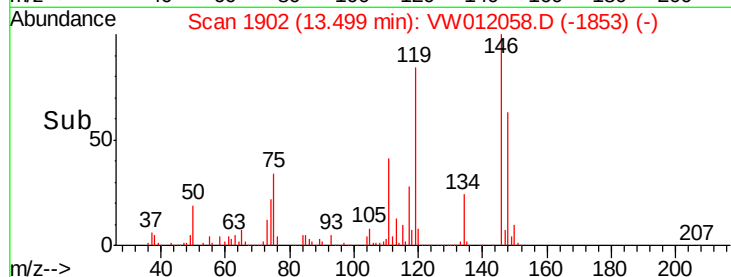
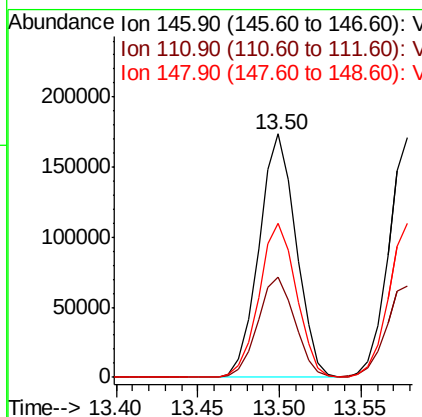
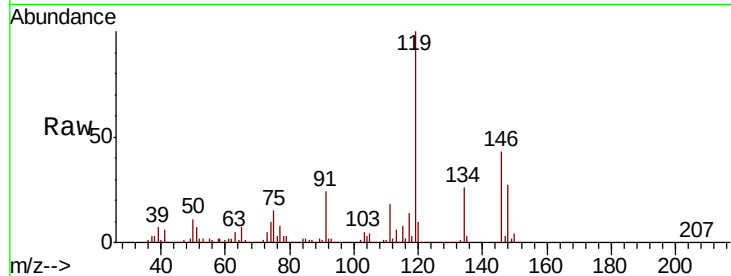




#87
 1,3-Dichlorobenzene
 Concen: 51.991 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

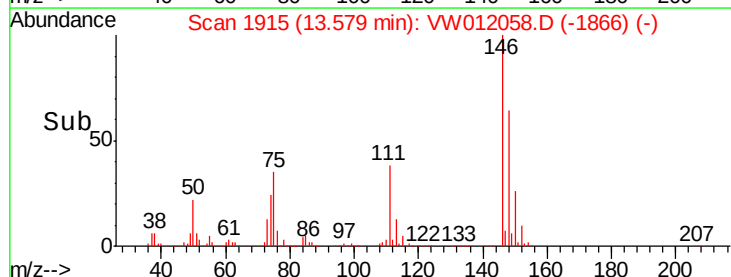
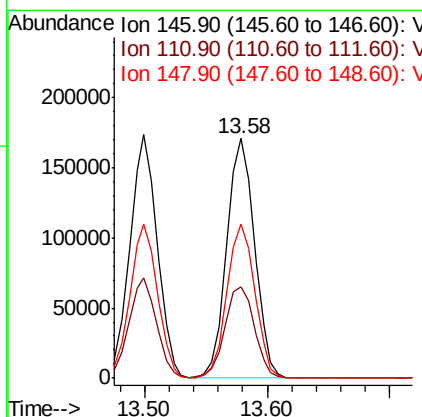
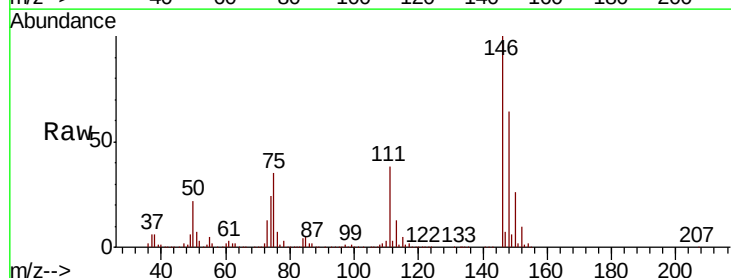
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

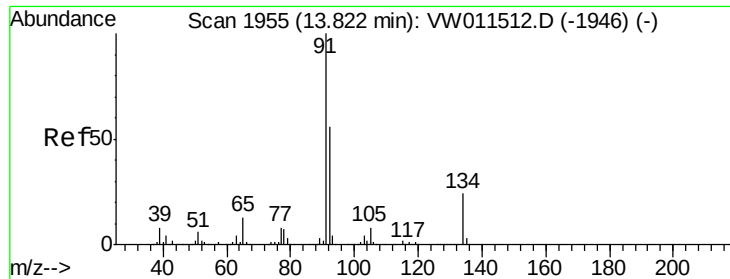
Tgt Ion:146 Resp: 272894
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.6
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.515 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion:146 Resp: 268983
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.2
 148 64.2 31.9 95.9

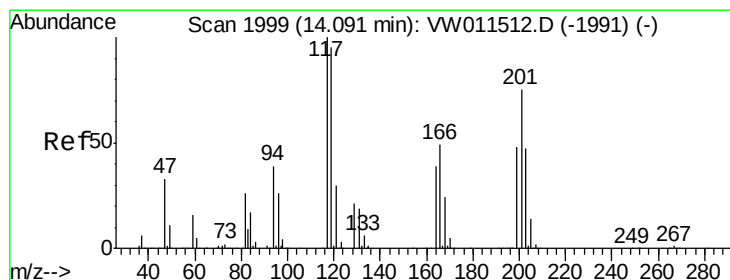
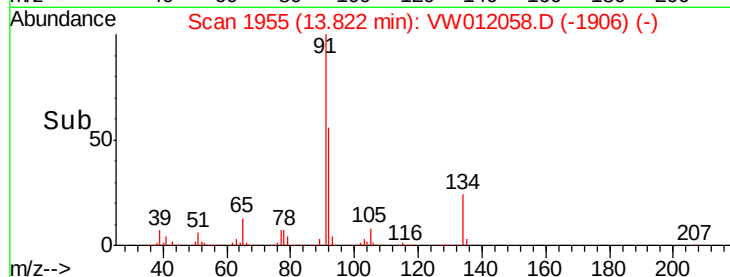
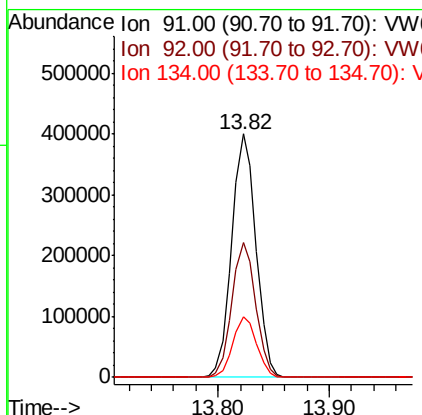
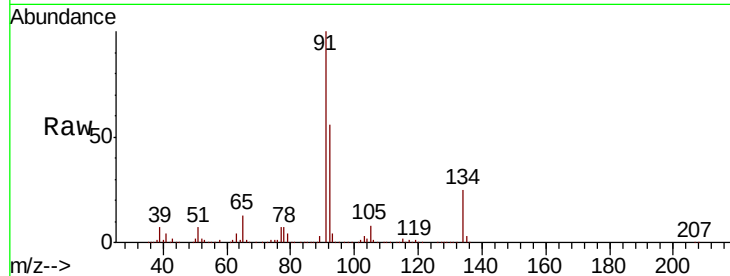




#89
 n-Butylbenzene
 Concen: 54.757 ug/l
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

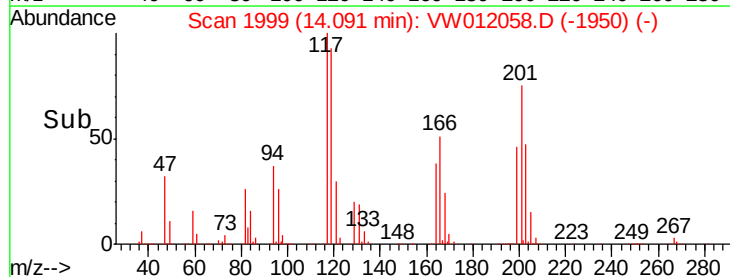
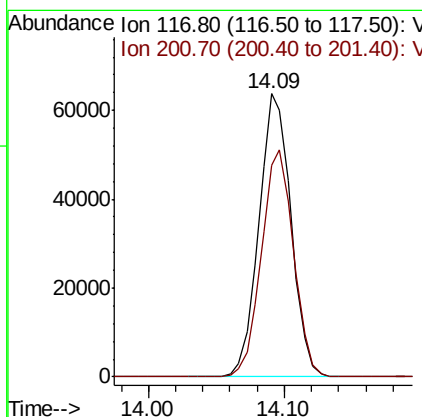
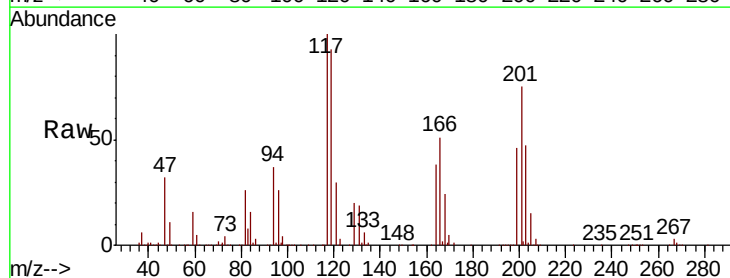
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

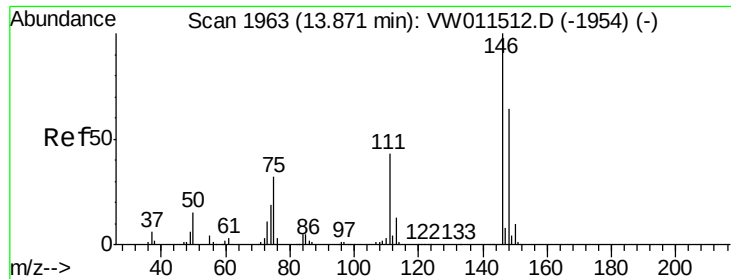
Tgt Ion: 91 Resp: 600592
 Ion Ratio Lower Upper
 91 100
 92 54.7 27.5 82.4
 134 24.6 12.2 36.6



#90
 Hexachloroethane
 Concen: 54.306 ug/l
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion: 117 Resp: 105544
 Ion Ratio Lower Upper
 117 100
 201 80.3 39.4 118.2

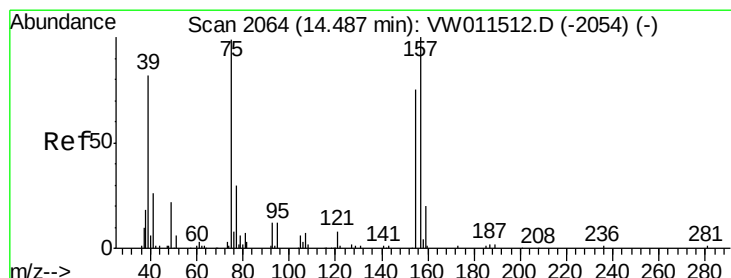
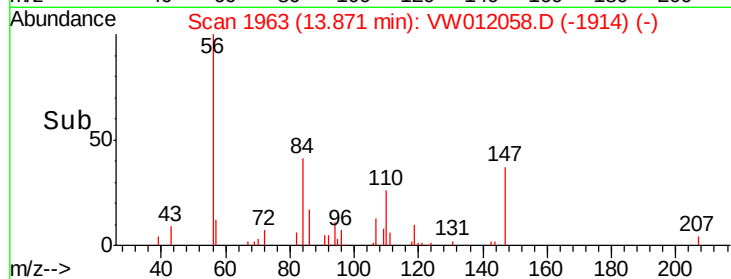
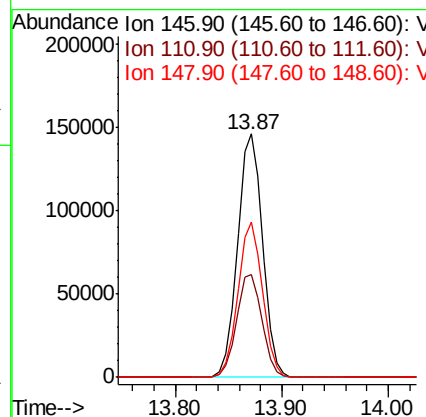
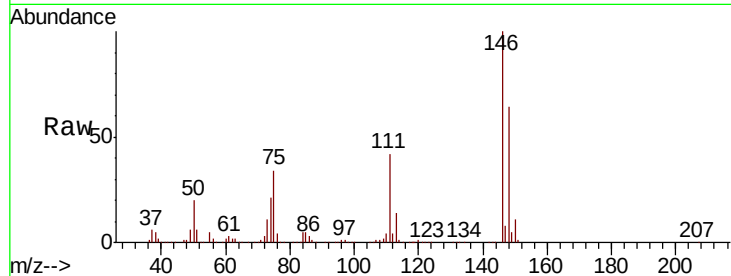




#91
 1,2-Dichlorobenzene
 Concen: 51.870 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

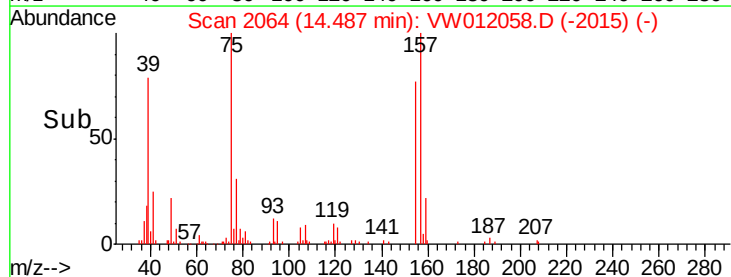
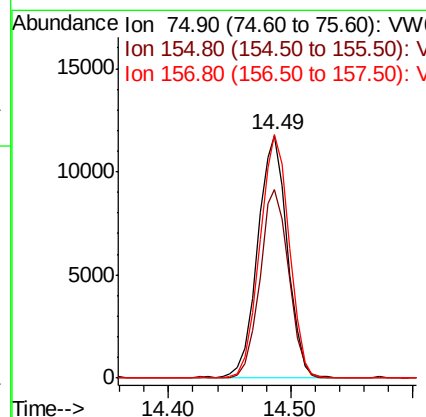
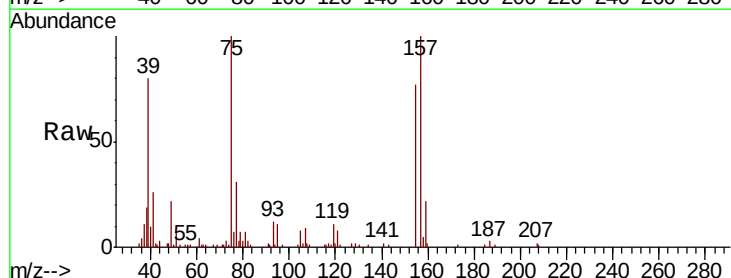
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

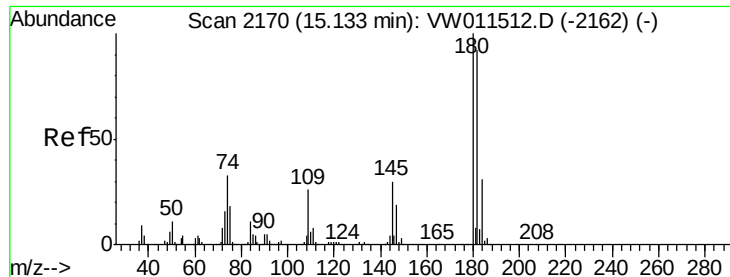
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	65.0
148	62.8	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.953 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.6	38.2	114.6
157	99.3	48.9	146.7

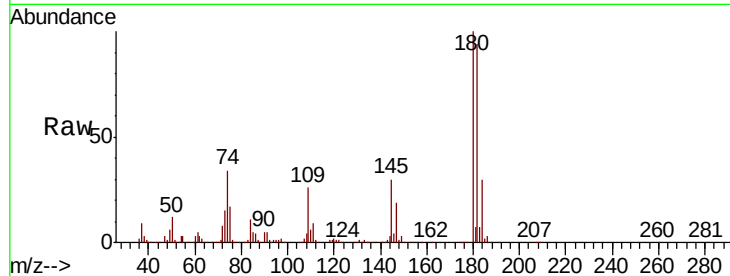




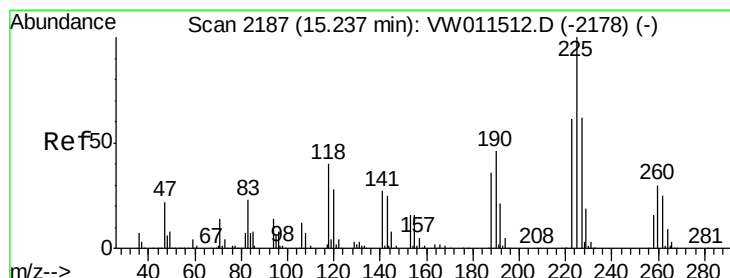
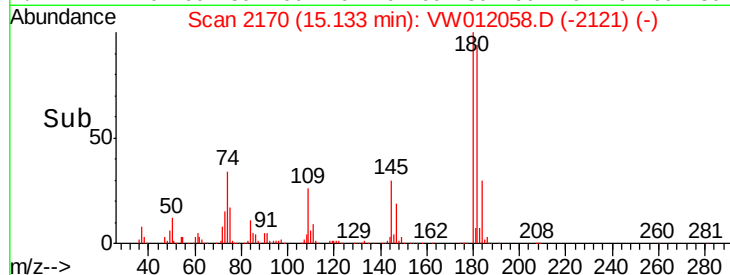
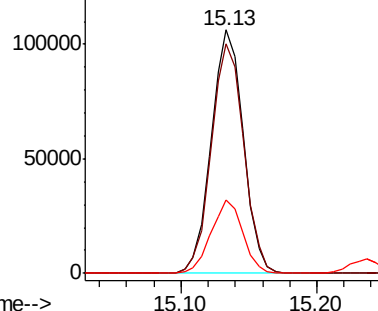
#93
 1,2,4-Trichlorobenzene
 Concen: 53.496 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 175030
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 29.9 15.4 46.1

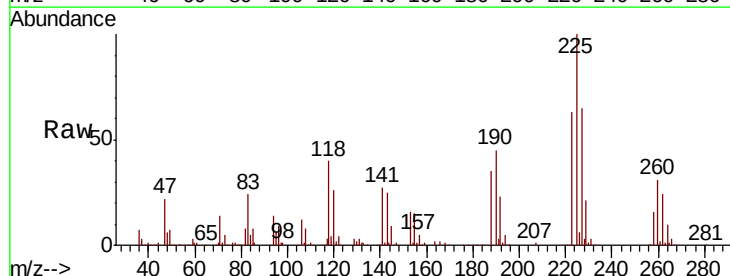


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

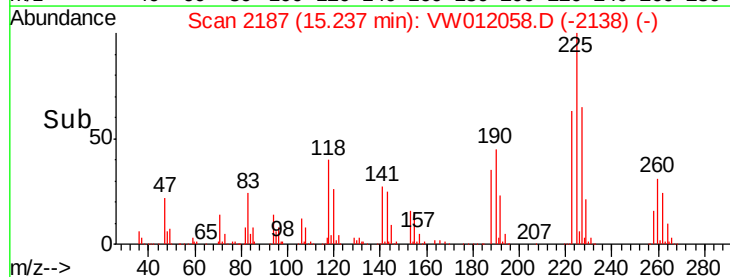
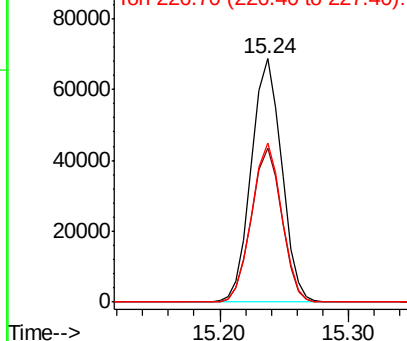


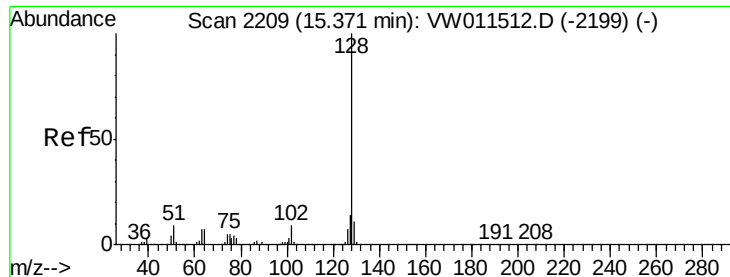
#94
 Hexachlorobutadiene
 Concen: 54.887 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012058.D
 Acq: 21 Aug 2019 08:57

Tgt Ion:225 Resp: 111989
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.8 92.3
 227 64.5 31.6 94.7



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

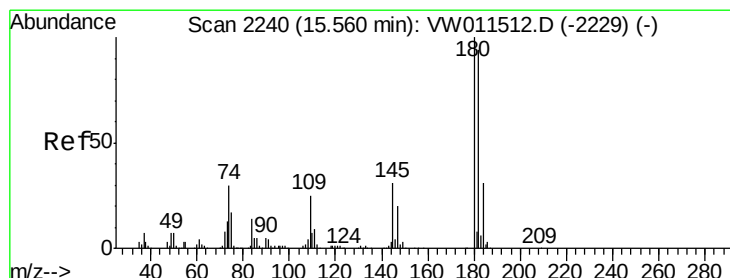
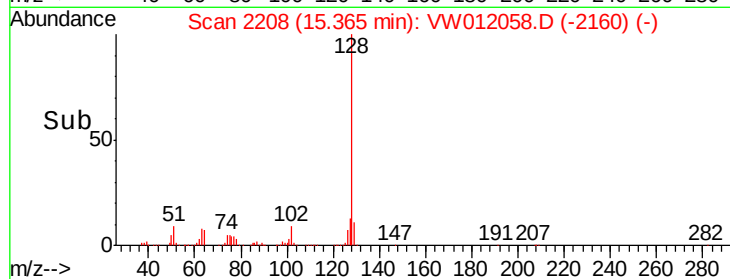
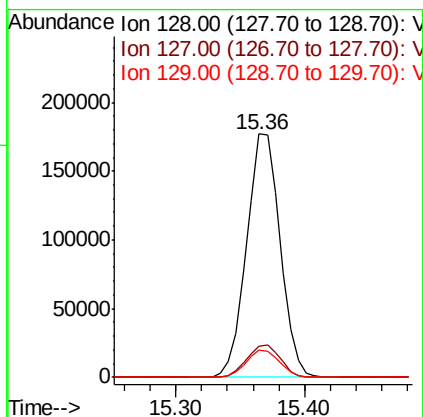
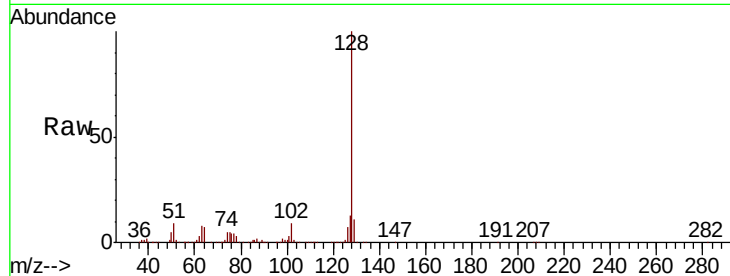




#95
Naphthalene
Concen: 49.586 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 317679
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.425 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012058.D
Acq: 21 Aug 2019 08:57

Tgt Ion:180 Resp: 153221
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 31.2 15.9 47.7

