

Data File : VW012715.D
Acq On : 07 Sep 2019 12:34
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

Quant Time: Sep 08 05:07:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	133835	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.88	113	101828	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.32	98	421762	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	144733	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62422	49.273	ug/l	100
3) Chloromethane	2.21	50	70471	45.771	ug/l	98
4) Vinyl Chloride	2.35	62	88445	46.851	ug/l	99
5) Bromomethane	2.78	94	50920	49.673	ug/l	97
6) Chloroethane	2.92	64	54480	48.362	ug/l	99
7) Trichlorofluoromethane	3.25	101	61921	47.532	ug/l	94
8) Diethyl Ether	3.68	74	58460	53.393	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	102187	49.985	ug/l	99
10) Methyl Iodide	4.26	142	123430	47.961	ug/l	99
11) Tert butyl alcohol	5.20	59	23836	119.315	ug/l #	68
12) 1,1-Dichloroethene	4.03	96	94151	48.787	ug/l	97
13) Acrolein	3.90	56	47361	223.404	ug/l	99
14) Allyl chloride	4.67	41	201354	50.437	ug/l	100
15) Acrylonitrile	5.37	53	162261	253.730	ug/l	99
16) Acetone	4.14	43	196747	276.396	ug/l	97
17) Carbon Disulfide	4.38	76	197584	48.234	ug/l	100
18) Methyl Acetate	4.67	43	85389	51.129	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	191888	50.137	ug/l	98
20) Methylene Chloride	4.92	84	106635	47.883	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	92557	47.004	ug/l	98
22) Diisopropyl ether	6.31	45	414730	52.379	ug/l	97
23) Vinyl Acetate	6.25	43	1365990	272.221	ug/l	100
24) 1,1-Dichloroethane	6.21	63	211248	49.550	ug/l	99
25) 2-Butanone	7.17	43	252417	241.554	ug/l	98
26) 2,2-Dichloropropane	7.16	77	139061	51.644	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	117728	51.562	ug/l	99
28) Bromochloromethane	7.51	49	100167	51.168	ug/l	99
29) Tetrahydrofuran	7.53	42	148586	258.487	ug/l	99
30) Chloroform	7.67	83	196265	46.451	ug/l	98
31) Cyclohexane	7.95	56	179858	46.861	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	169158	49.390	ug/l	99
36) 1,1-Dichloropropene	8.08	75	159283	51.450	ug/l	99
37) Ethyl Acetate	7.25	43	103186	52.285	ug/l	99
38) Carbon Tetrachloride	8.06	117	158508	51.940	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	174843	50.285	ug/l	97
40) Benzene	8.32	78	435725	50.728	ug/l	99
41) Methacrylonitrile	7.48	41	63489	47.531	ug/l	96
42) 1,2-Dichloroethane	8.40	62	155730	51.516	ug/l	100
43) Isopropyl Acetate	8.42	43	198552	53.103	ug/l	100
44) Trichloroethene	9.09	130	112766	50.931	ug/l	93
45) 1,2-Dichloropropane	9.37	63	122879	51.579	ug/l	98
46) Dibromomethane	9.46	93	59503	52.745	ug/l	99
47) Bromodichloromethane	9.64	83	162395	52.323	ug/l	99
48) Methyl methacrylate	9.43	41	92627	51.839	ug/l	99
49) 1,4-Dioxane	9.47	88	22851	1025.460	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	519127	264.598	ug/l	100
52) Toluene	10.38	92	271884	50.715	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	167901	52.609	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	190507	52.620	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87969	52.086	ug/l	99
56) Ethyl methacrylate	10.65	69	131962	53.377	ug/l	98
57) 1,3-Dichloropropane	10.93	76	160935	51.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	334208	254.639	ug/l	99
59) 2-Hexanone	10.97	43	377778	263.561	ug/l	100
60) Dibromochloromethane	11.13	129	103548	52.131	ug/l	100
61) 1,2-Dibromoethane	11.23	107	80123	51.745	ug/l	99
64) Tetrachloroethene	10.86	164	92980	50.595	ug/l	96
65) Chlorobenzene	11.66	112	289222	50.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111575	52.340	ug/l	100
67) Ethyl Benzene	11.73	91	558369	51.989	ug/l	98
68) m/p-Xylenes	11.83	106	398268	102.734	ug/l	99
69) o-Xylene	12.16	106	191515	52.364	ug/l	97
70) Styrene	12.18	104	339162	52.479	ug/l	99
71) Bromoform	12.35	173	63522	53.634	ug/l #	97
73) Isopropylbenzene	12.46	105	550904	50.841	ug/l	99
74) N-amyl acetate	12.27	43	180112	52.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	107514	49.406	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	149206	96.583	ug/l #	100
77) Bromobenzene	12.74	156	123322	50.234	ug/l	99
78) n-propylbenzene	12.80	91	663758	51.218	ug/l	100
79) 2-Chlorotoluene	12.89	91	374808	50.379	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	454985	49.831	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37264	51.019	ug/l	98
82) 4-Chlorotoluene	12.99	91	397295	50.486	ug/l	99
83) tert-Butylbenzene	13.21	119	409038	50.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	460312	50.032	ug/l	100
85) sec-Butylbenzene	13.38	105	572820	51.131	ug/l	100
86) p-Isopropyltoluene	13.50	119	521136	50.927	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	242082	50.169	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	240305	50.048	ug/l	99
89) n-Butylbenzene	13.82	91	512772	51.616	ug/l	100
90) Hexachloroethane	14.09	117	93062	52.095	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	219574	50.557	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20451	51.353	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	162812	53.844	ug/l	99
94) Hexachlorobutadiene	15.24	225	106506	50.888	ug/l	99
95) Naphthalene	15.36	128	323451	50.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144083	53.983	ug/l	100

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

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ICVVW090719

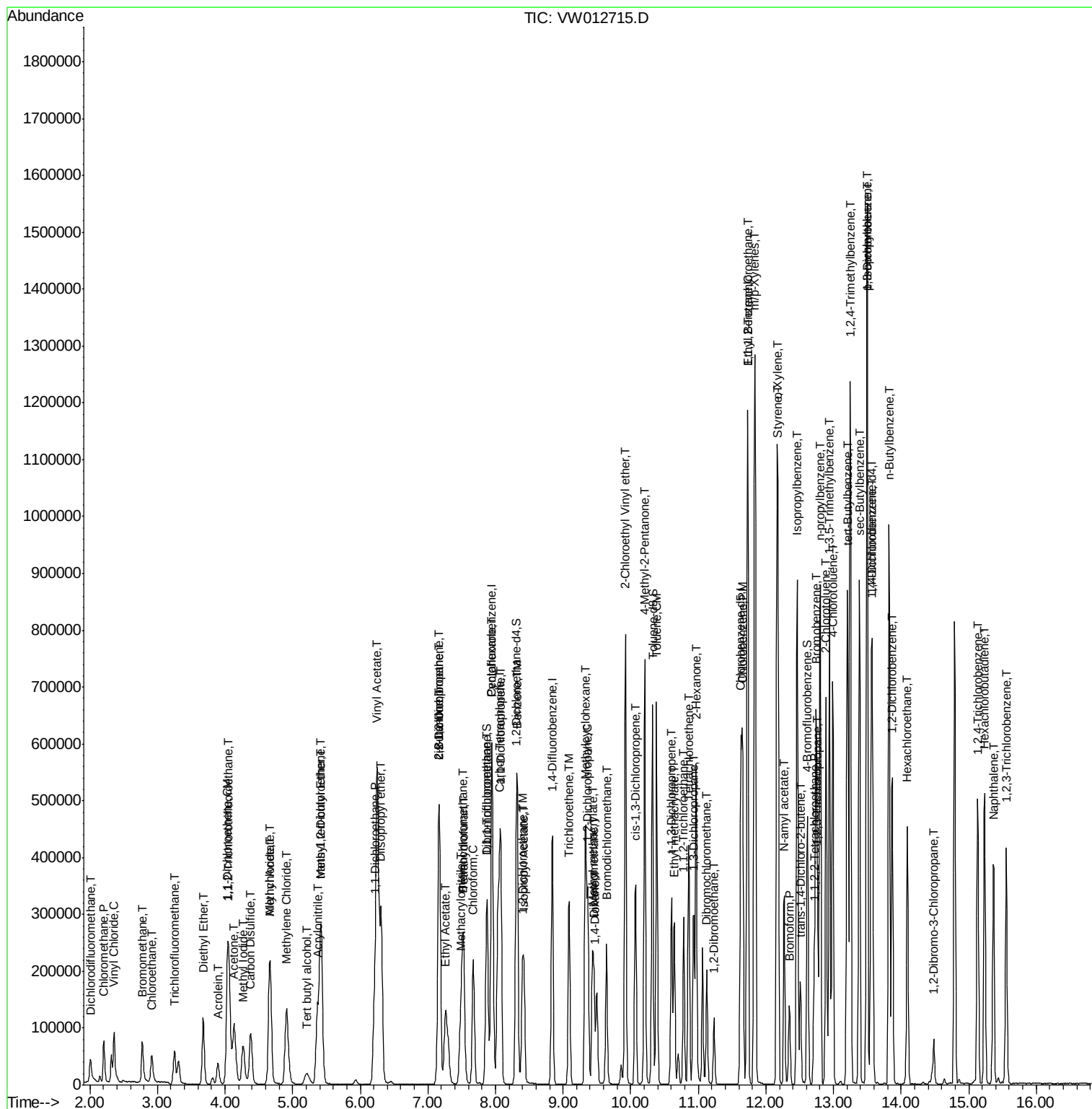
Quant Time: Sep 08 05:07:58 2019

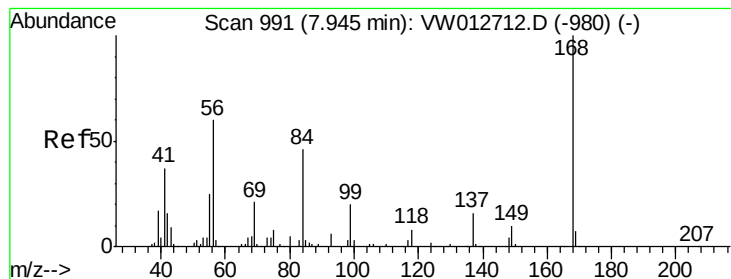
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W090719S.M

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QLast Update : Sun Sep 08 05:04:40 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

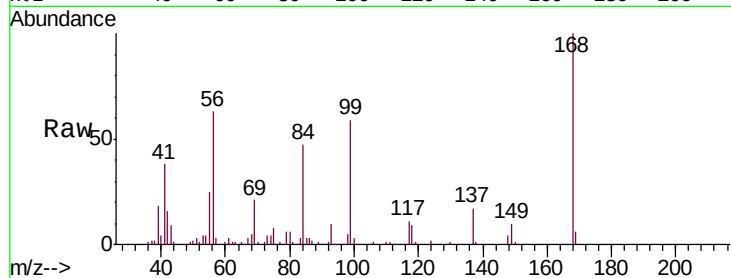
ICVW090719

Tgt Ion:168 Resp: 233688

Ion Ratio Lower Upper

168 100

99 59.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

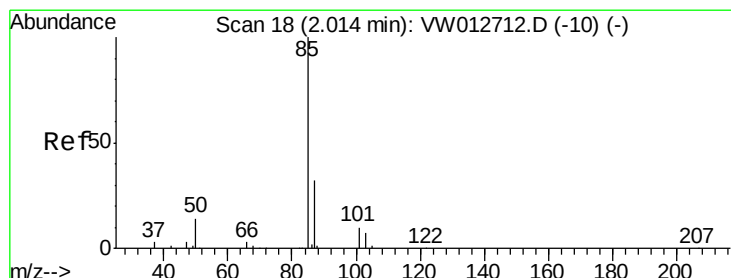
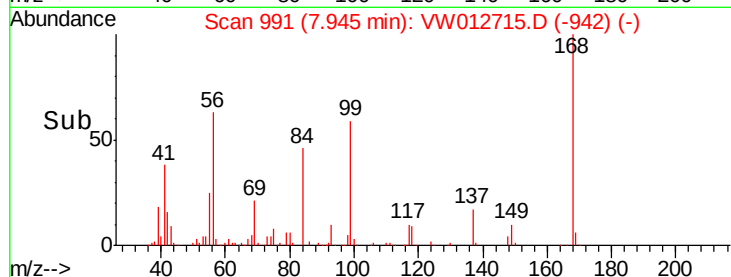
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.273 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012715.D

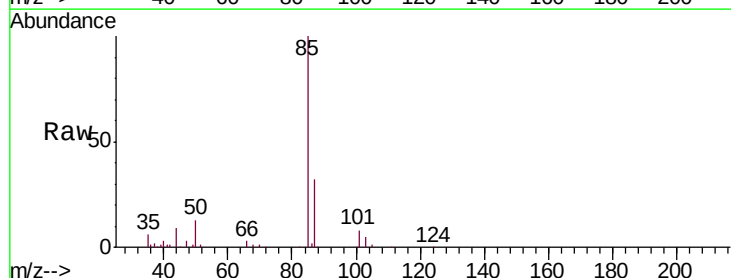
Acq: 07 Sep 2019 12:34

Tgt Ion: 85 Resp: 62422

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

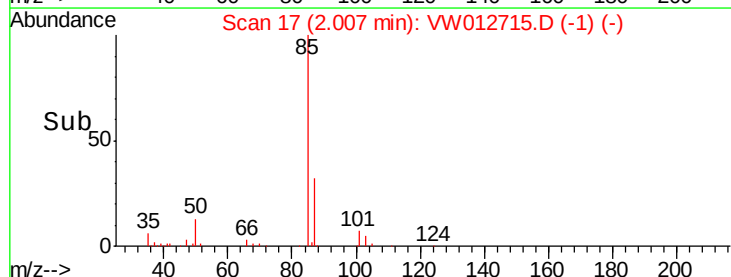
15000

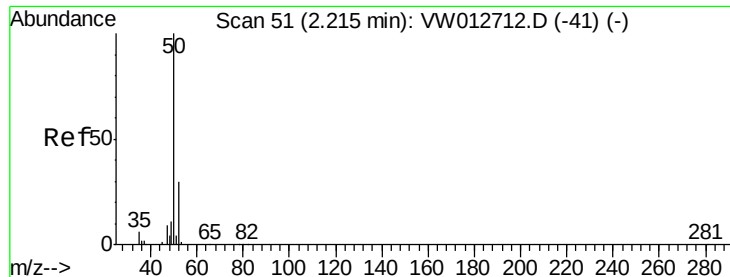
10000

5000

0

Time-->





#3

Chloromethane

Concen: 45.771 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

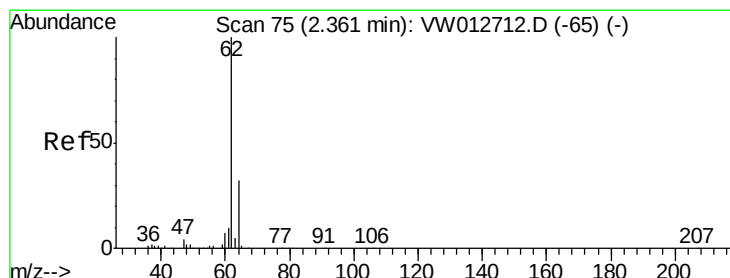
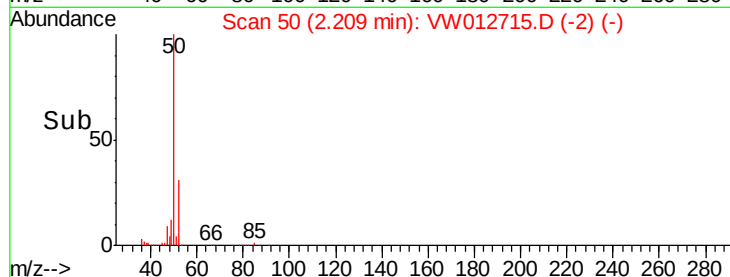
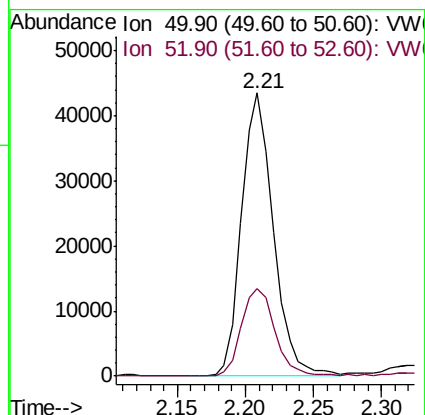
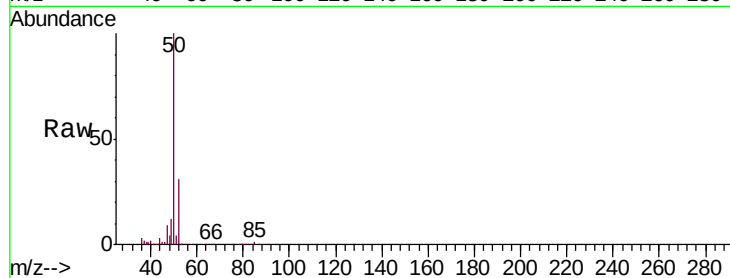
ICVW090719

Tgt Ion: 50 Resp: 70471

Ion Ratio Lower Upper

50 100

52 31.1 24.2 36.2



#4

Vinyl Chloride

Concen: 46.851 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012715.D

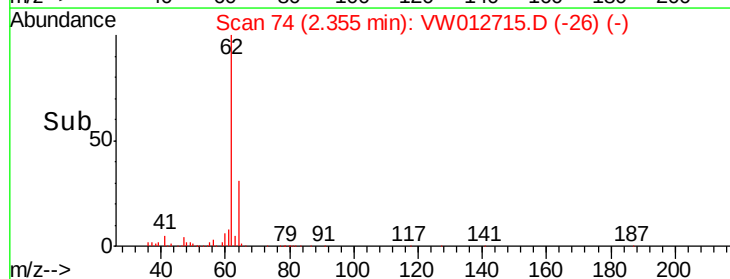
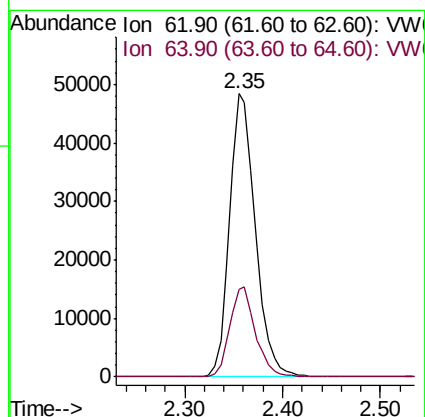
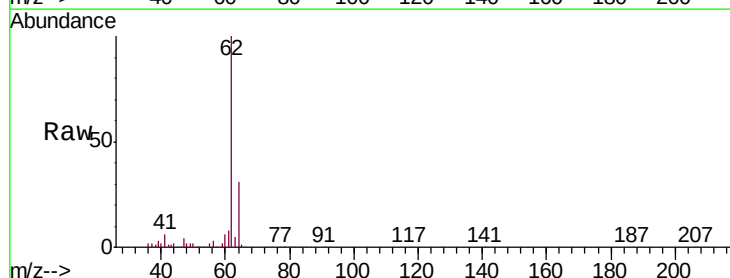
Acq: 07 Sep 2019 12:34

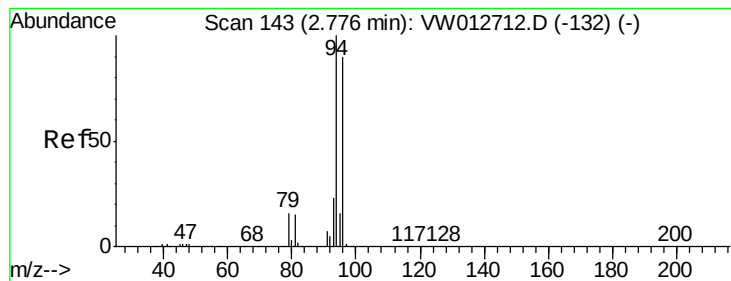
Tgt Ion: 62 Resp: 88445

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 49.673 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

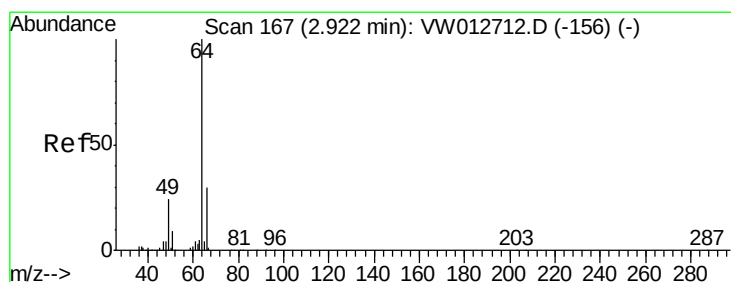
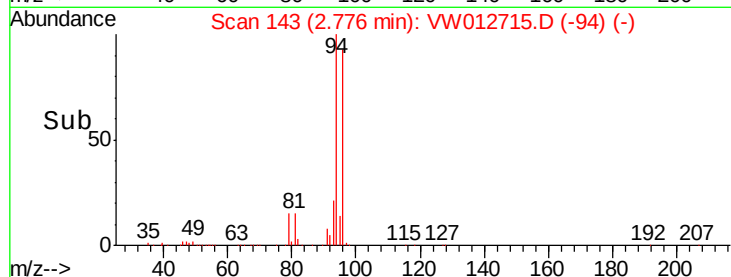
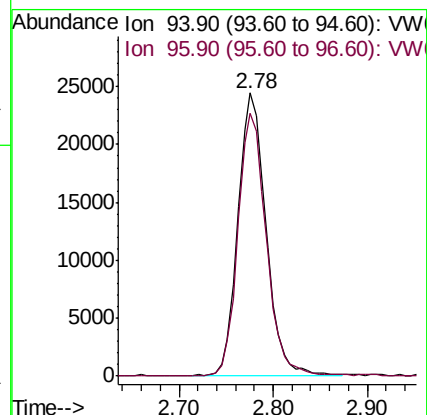
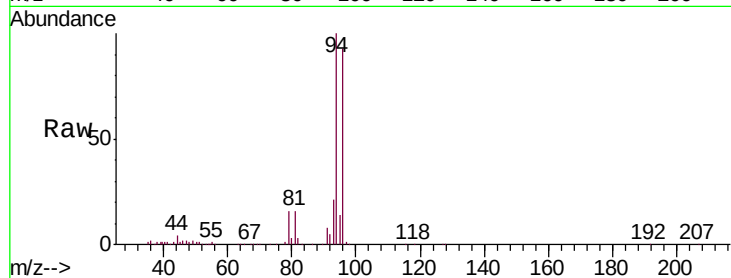
ICVW090719

Tgt Ion: 94 Resp: 50920

Ion Ratio Lower Upper

94 100

96 92.9 72.1 108.1



#6

Chloroethane

Concen: 48.362 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012715.D

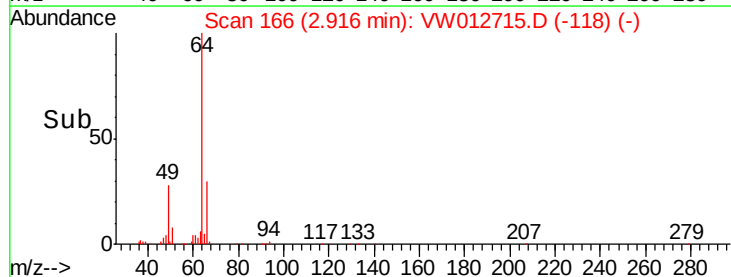
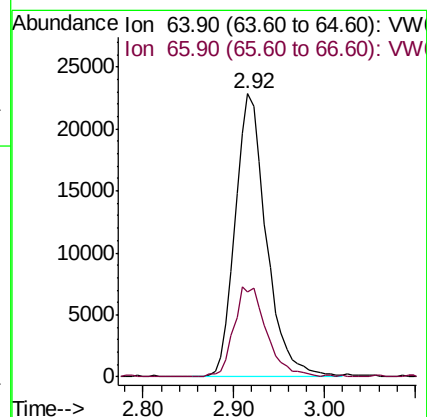
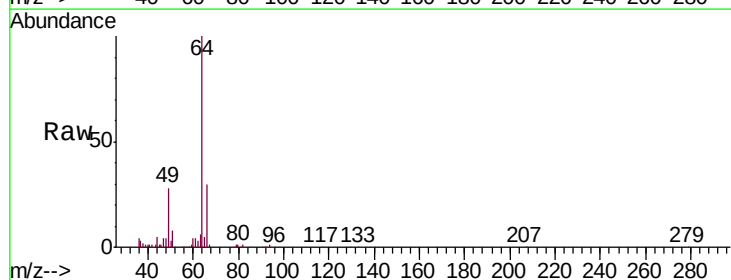
Acq: 07 Sep 2019 12:34

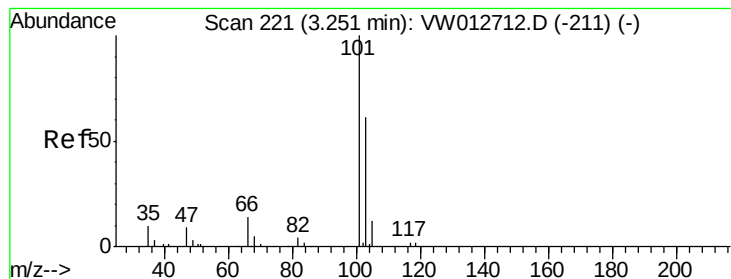
Tgt Ion: 64 Resp: 54480

Ion Ratio Lower Upper

64 100

66 29.3 23.8 35.6



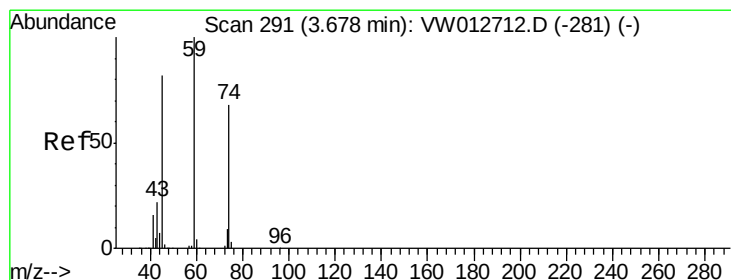
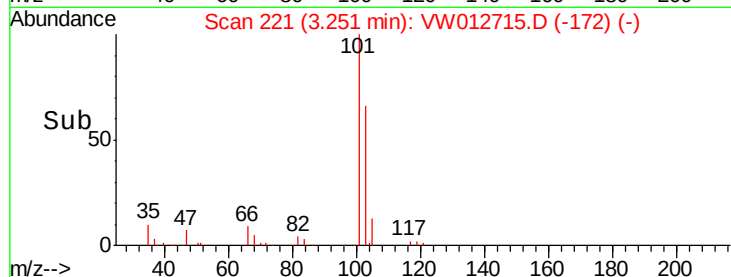
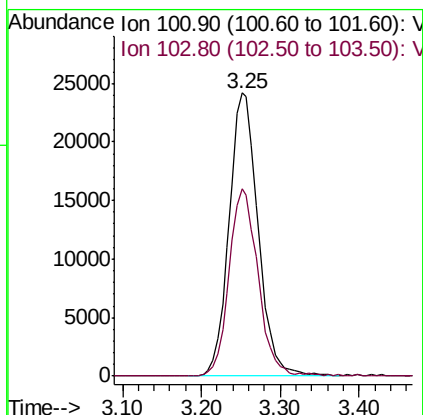
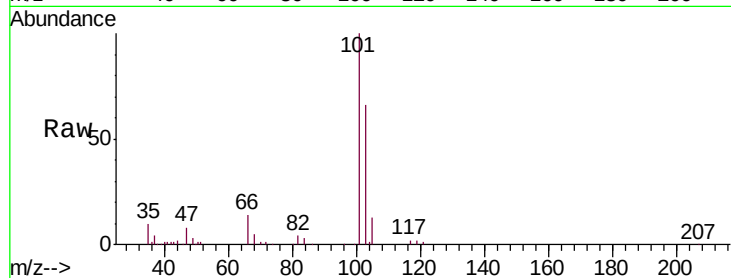


#7

Trichlorofluoromethane
 Concen: 47.532 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
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 ClientSampleId :
 ICVVW090719

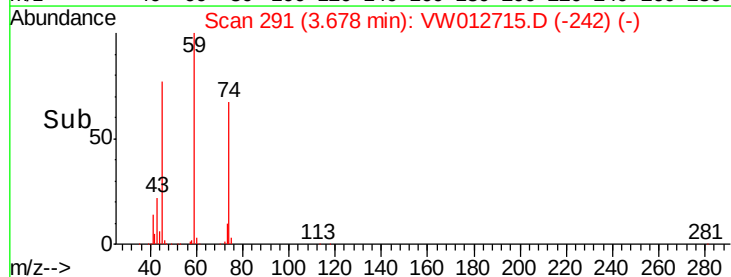
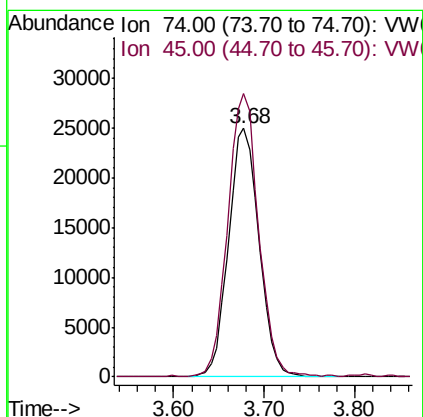
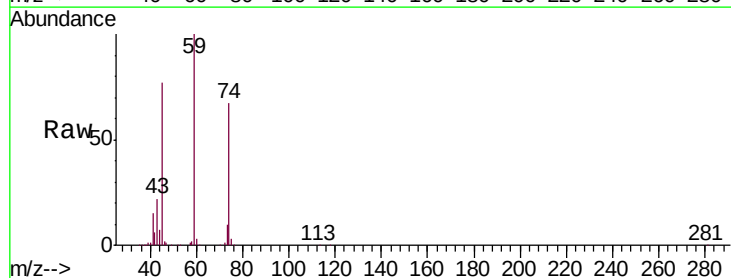
Tgt Ion:101 Resp: 61921
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.0 73.4

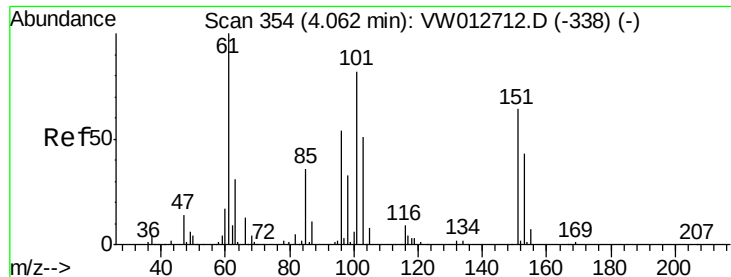


#8

Diethyl Ether
 Concen: 53.393 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 74 Resp: 58460
 Ion Ratio Lower Upper
 74 100
 45 115.1 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.985 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

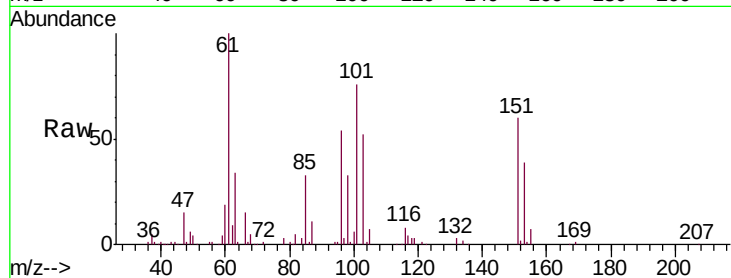
Tgt Ion:101 Resp: 102187

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.2

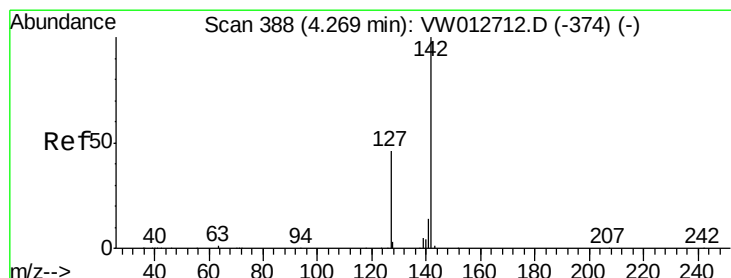
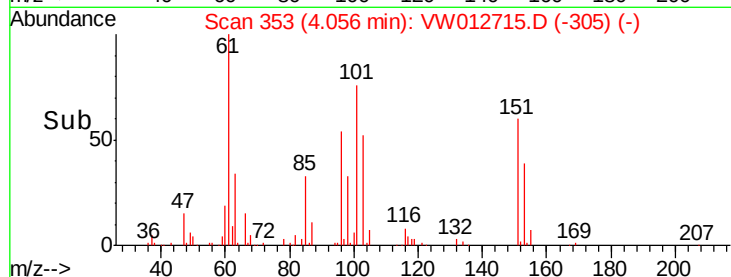
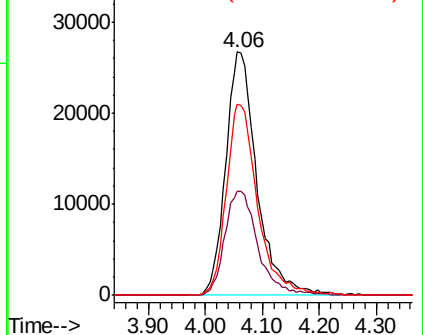
151 78.8 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.961 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

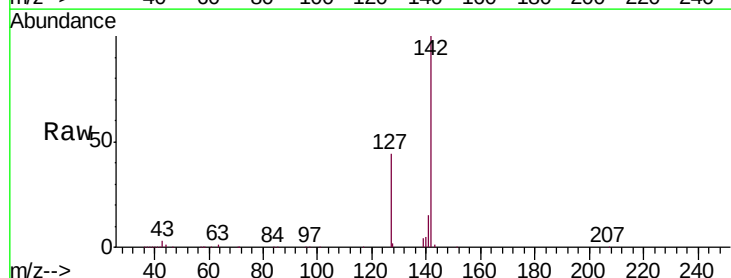
Tgt Ion:142 Resp: 123430

Ion Ratio Lower Upper

142 100

127 45.9 36.0 54.0

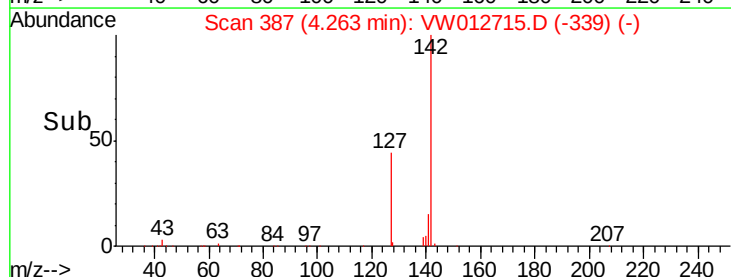
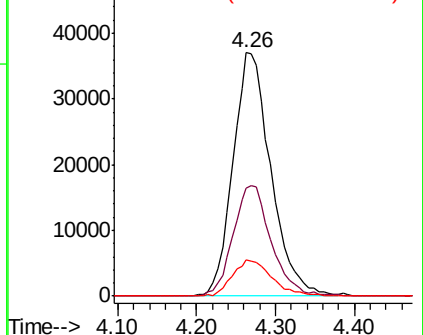
141 15.4 12.2 18.4

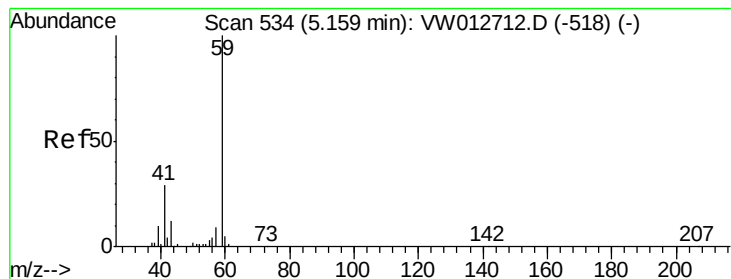


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



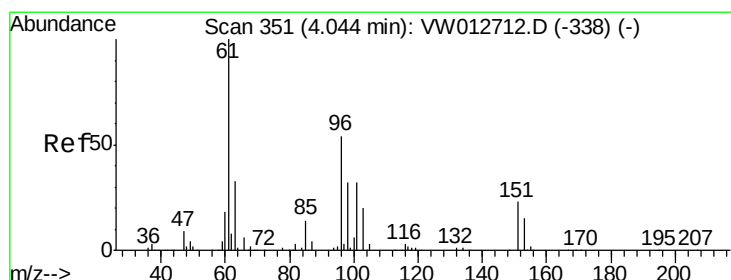
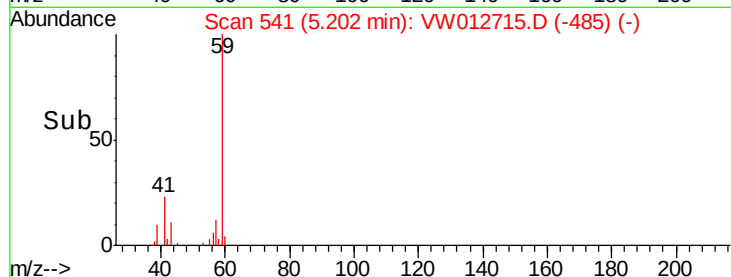
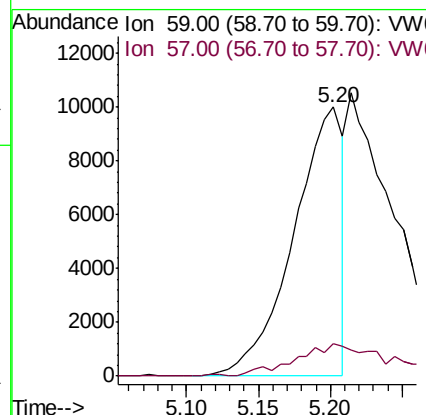
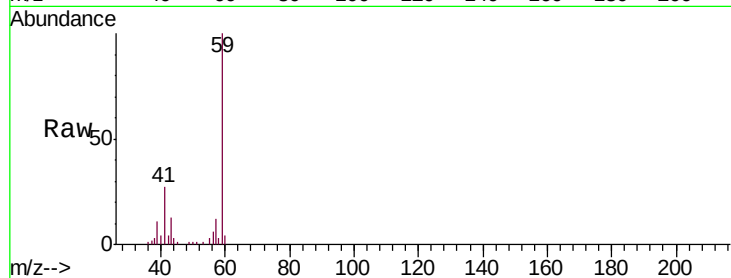


#11

Tert butyl alcohol
 Concen: 119.315 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.04 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

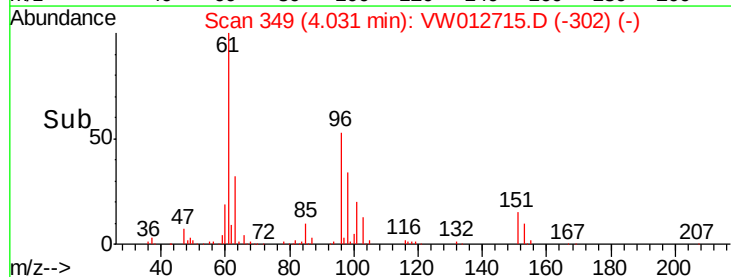
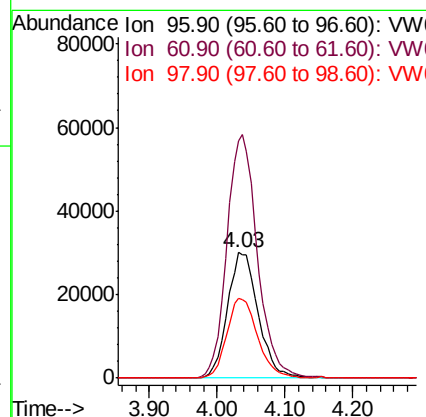
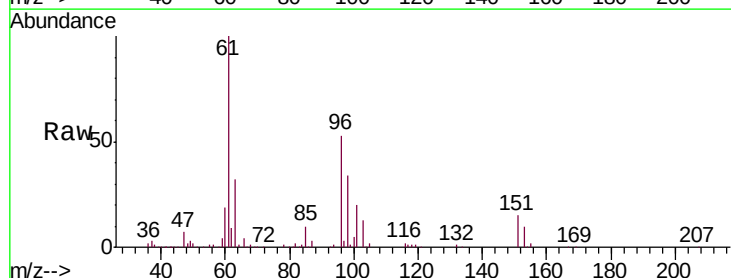
Tgt Ion: 59 Resp: 23836
 Ion Ratio Lower Upper
 59 100
 57 22.2 8.2 12.4#

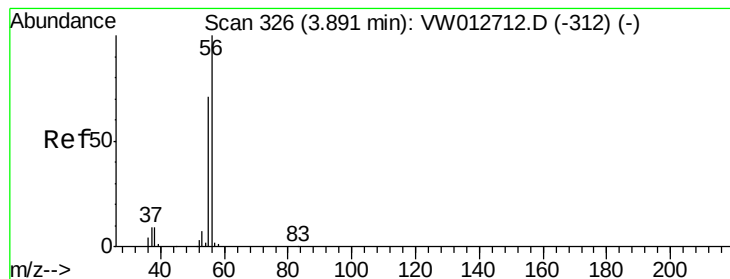


#12

1,1-Dichloroethene
 Concen: 48.787 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 96 Resp: 94151
 Ion Ratio Lower Upper
 96 100
 61 188.8 147.8 221.6
 98 63.9 47.9 71.9





#13

Acrolein

Concen: 223.404 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

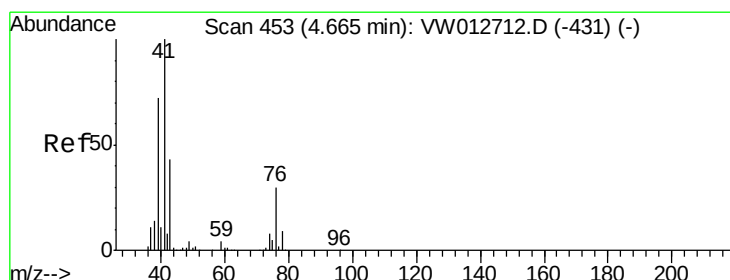
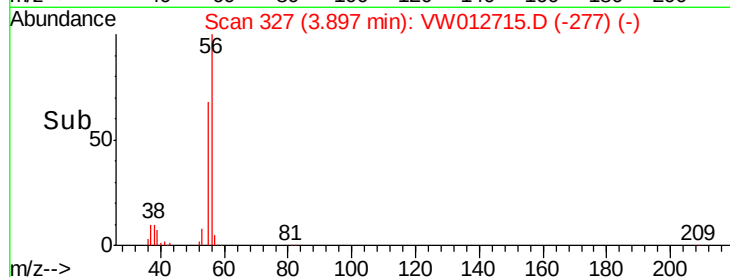
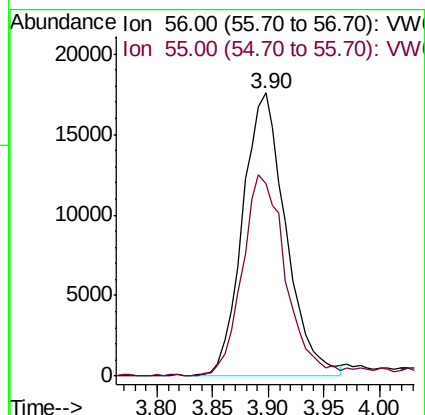
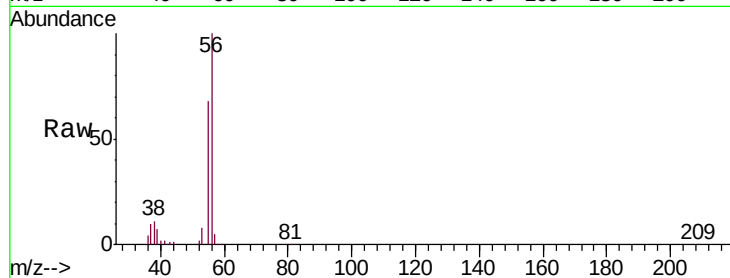
ICVW090719

Tgt Ion: 56 Resp: 47361

Ion Ratio Lower Upper

56 100

55 72.3 56.9 85.3



#14

Allyl chloride

Concen: 50.437 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

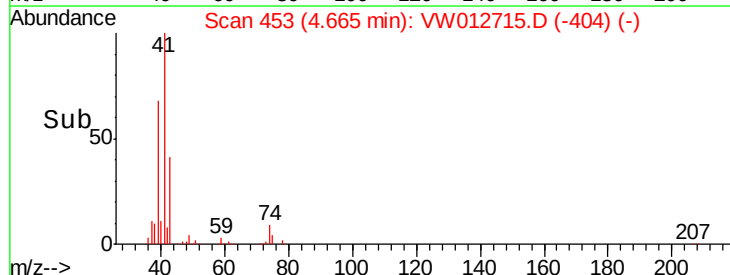
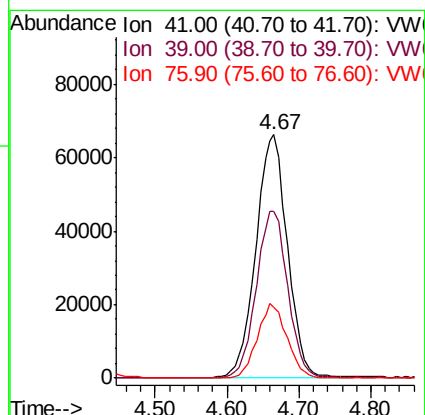
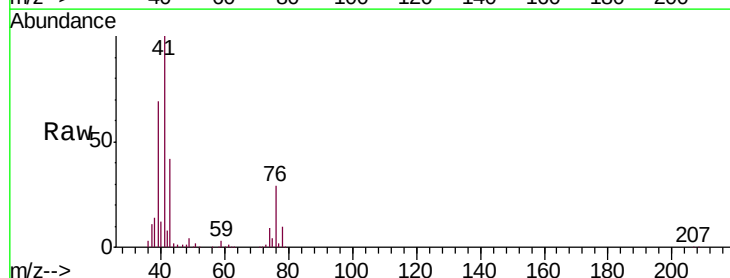
Tgt Ion: 41 Resp: 201354

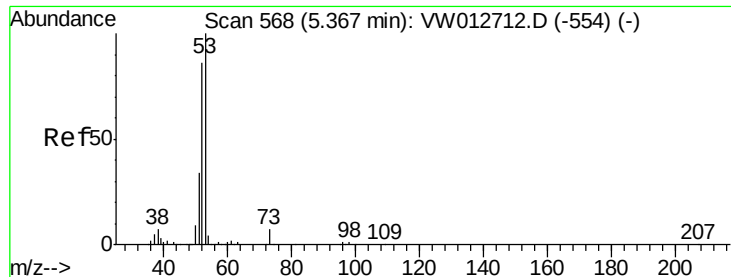
Ion Ratio Lower Upper

41 100

39 68.6 55.0 82.6

76 28.8 23.0 34.4





#15

Acrylonitrile

Concen: 253.730 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

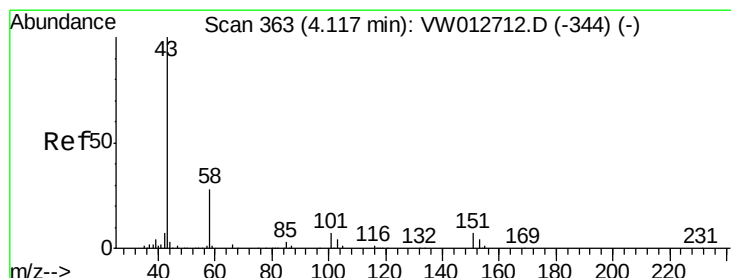
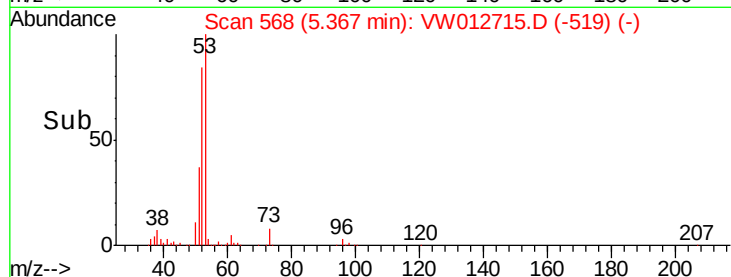
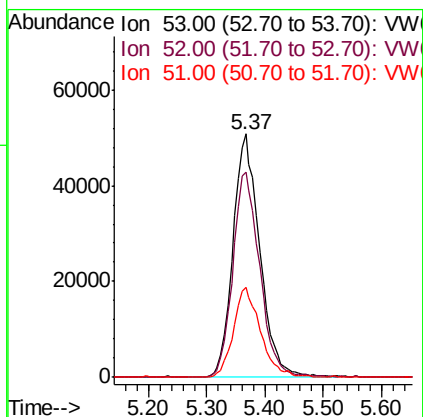
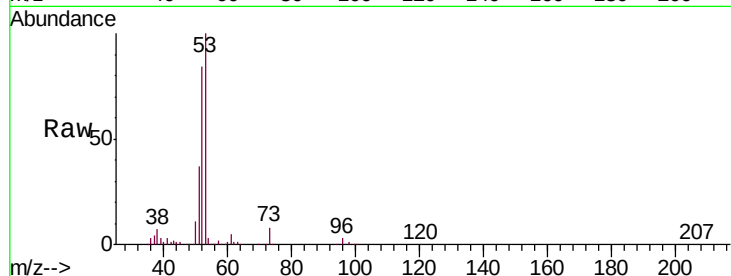
Tgt Ion: 53 Resp: 162261

Ion Ratio Lower Upper

53 100

52 84.4 67.0 100.4

51 37.3 29.8 44.8



#16

Acetone

Concen: 276.396 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012715.D

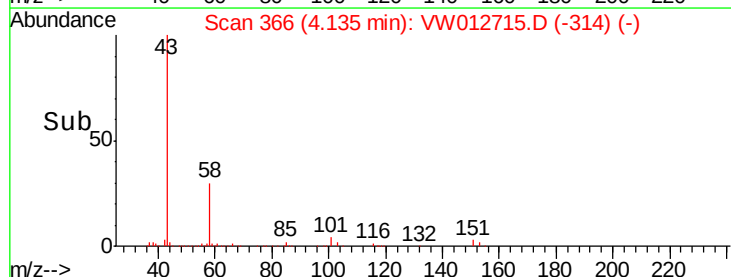
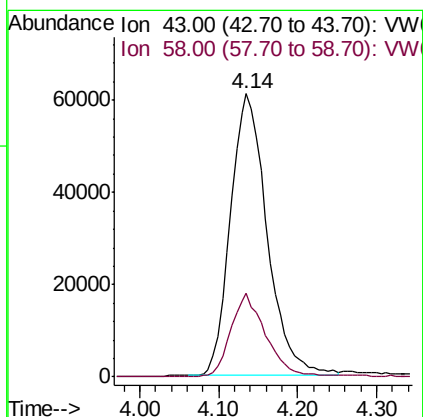
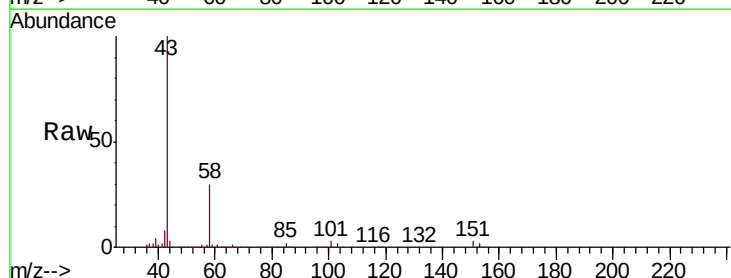
Acq: 07 Sep 2019 12:34

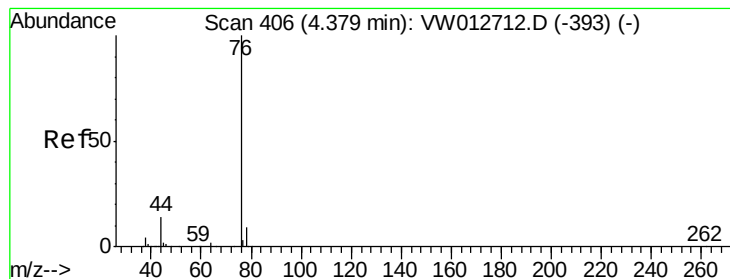
Tgt Ion: 43 Resp: 196747

Ion Ratio Lower Upper

43 100

58 29.9 22.6 33.8





#17

Carbon Disulfide

Concen: 48.234 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

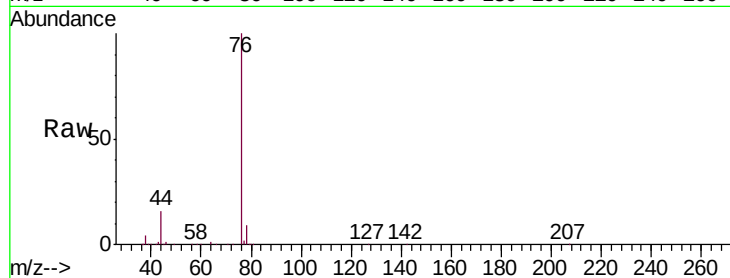
ICVW090719

Tgt Ion: 76 Resp: 197584

Ion Ratio Lower Upper

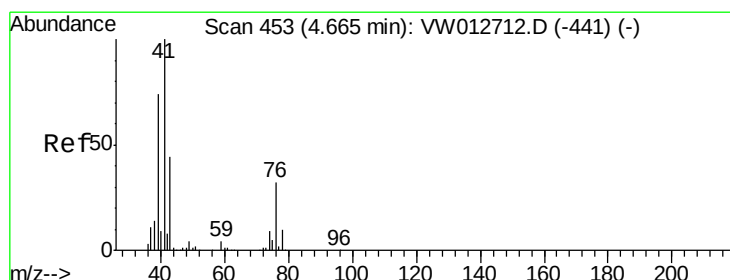
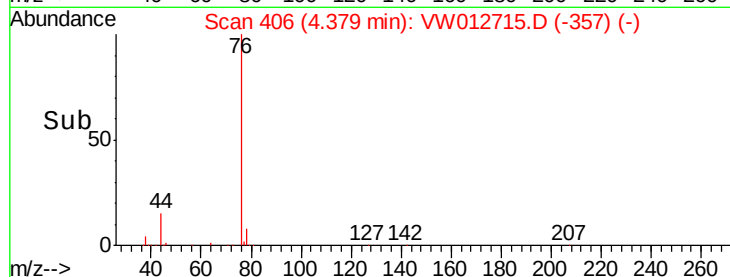
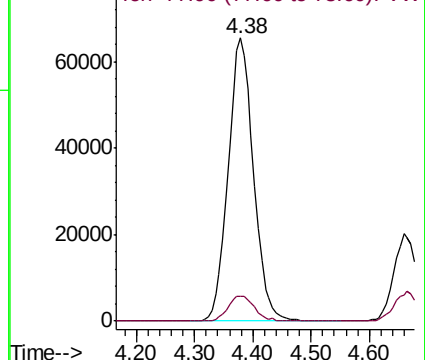
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 51.129 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012715.D

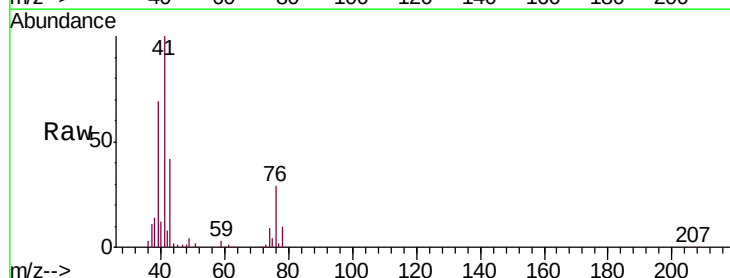
Acq: 07 Sep 2019 12:34

Tgt Ion: 43 Resp: 85389

Ion Ratio Lower Upper

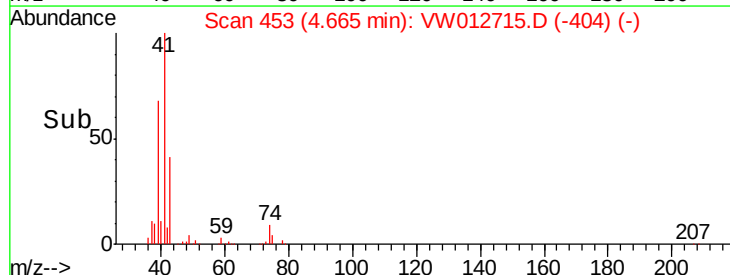
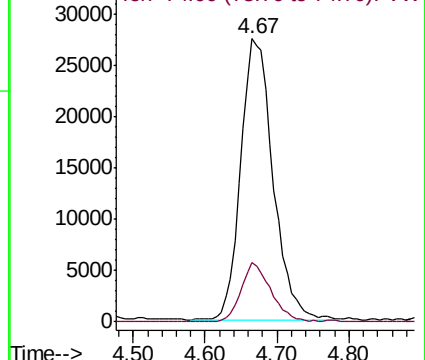
43 100

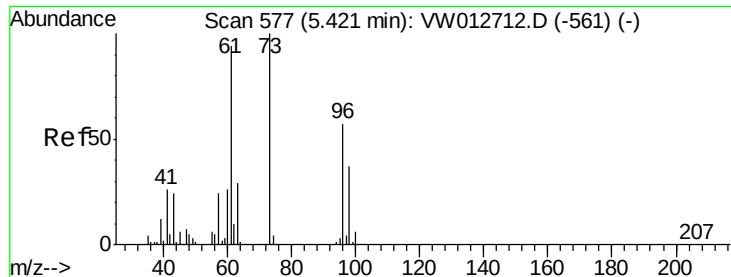
74 19.5 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

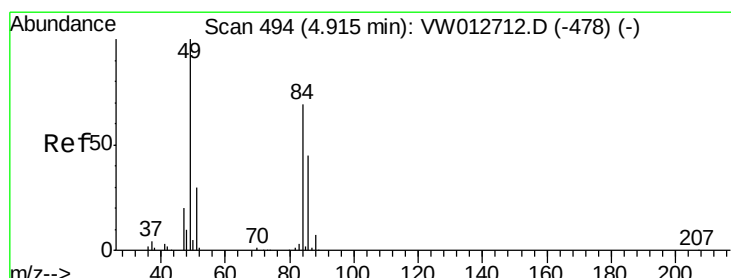
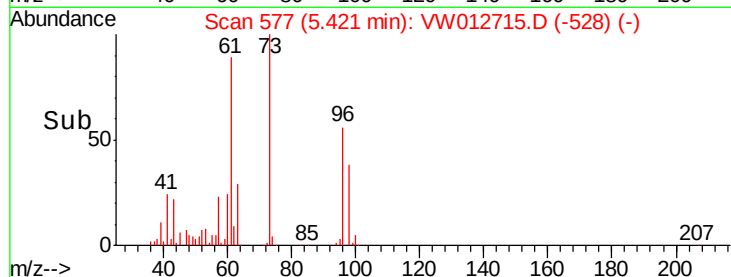
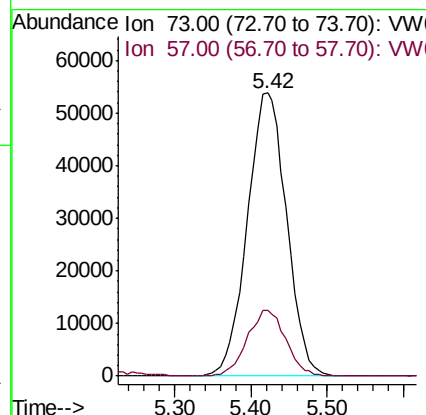
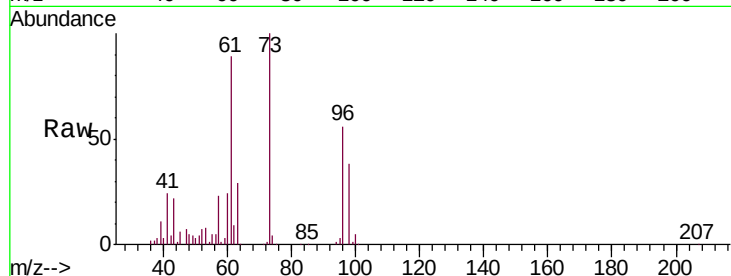




#19
Methyl tert-butyl Ether
Concen: 50.137 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

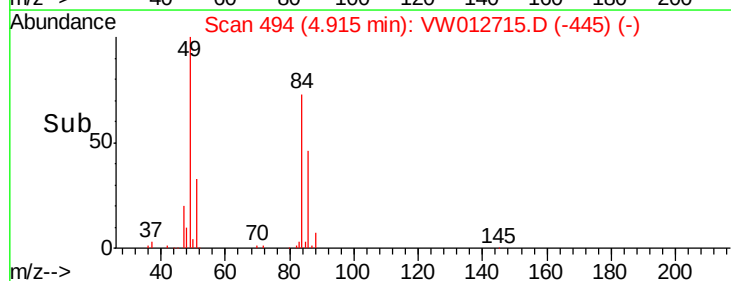
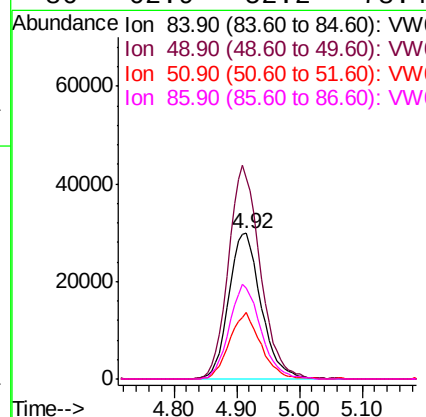
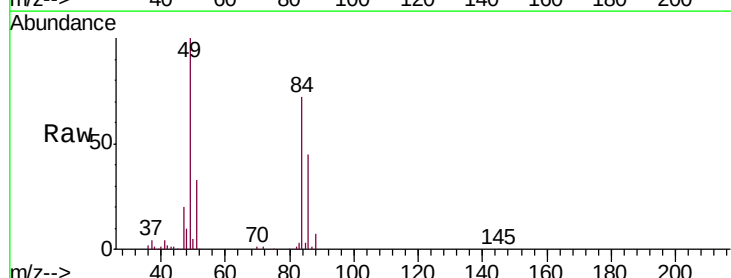
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

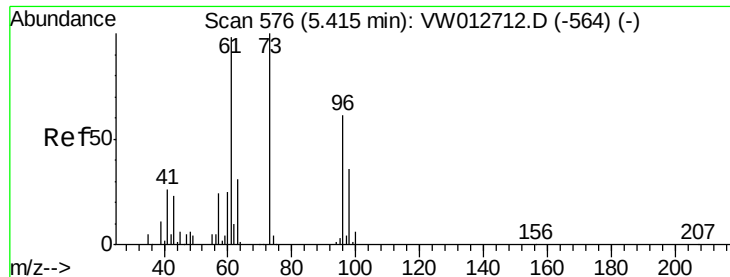
Tgt Ion: 73 Resp: 191888
Ion Ratio Lower Upper
73 100
57 23.2 19.2 28.8



#20
Methylene Chloride
Concen: 47.883 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 84 Resp: 106635
Ion Ratio Lower Upper
84 100
49 138.2 115.4 173.0
51 45.9 34.9 52.3
86 62.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.004 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

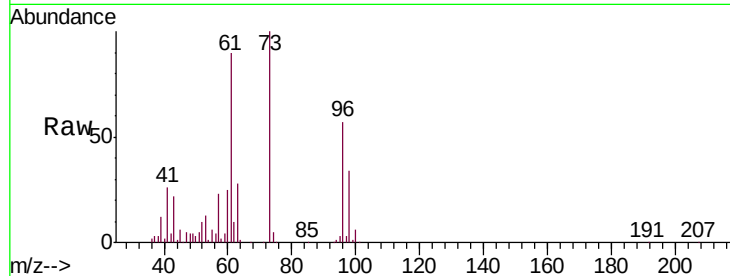
Tgt Ion: 96 Resp: 92557

Ion Ratio Lower Upper

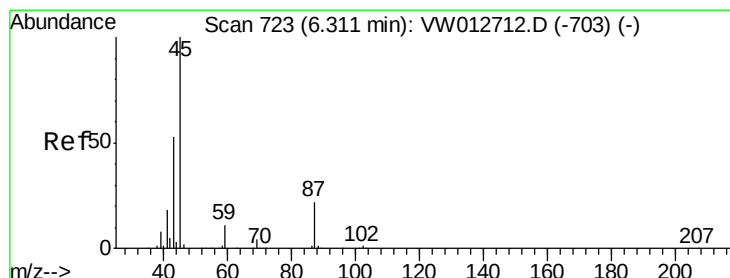
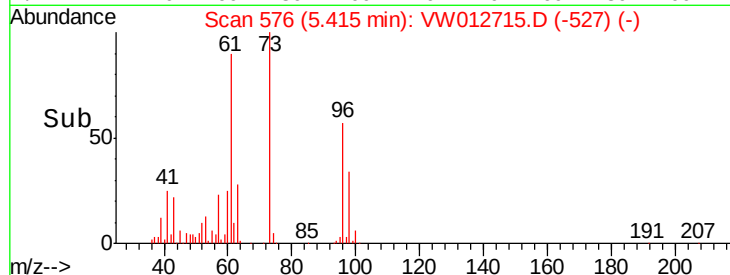
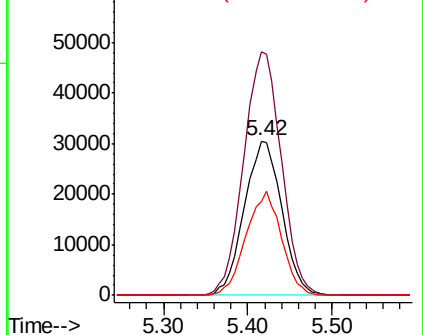
96 100

61 157.7 129.2 193.8

98 60.5 48.0 72.0



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: 52.379 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Tgt Ion: 45 Resp: 414730

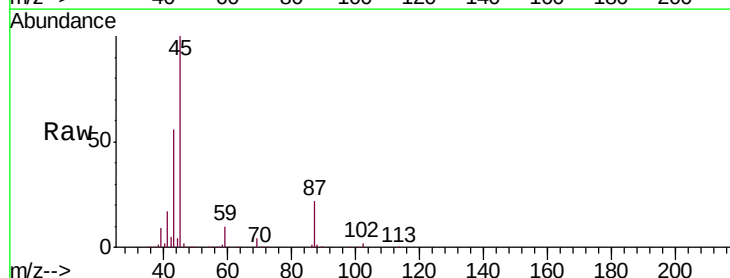
Ion Ratio Lower Upper

45 100

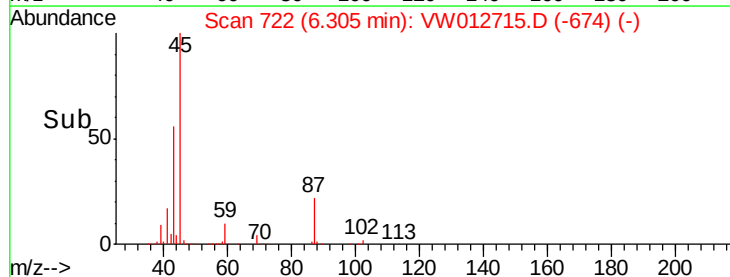
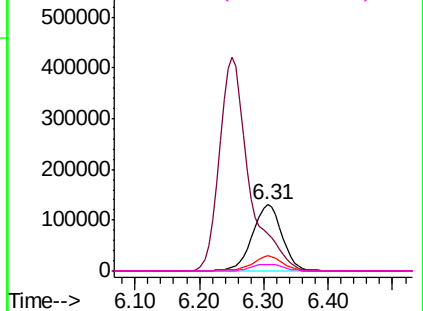
43 55.8 42.3 63.5

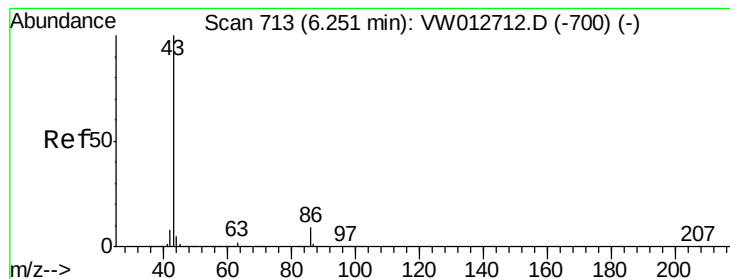
87 22.4 18.2 27.2

59 10.3 8.5 12.7



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: 272.221 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

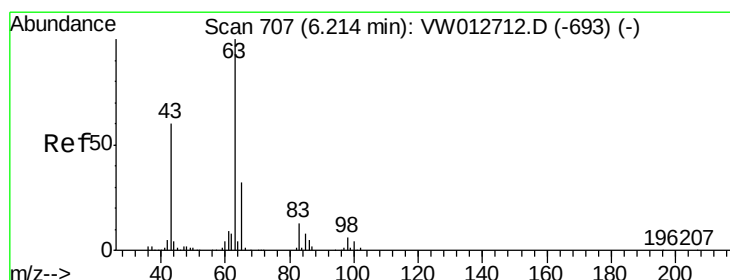
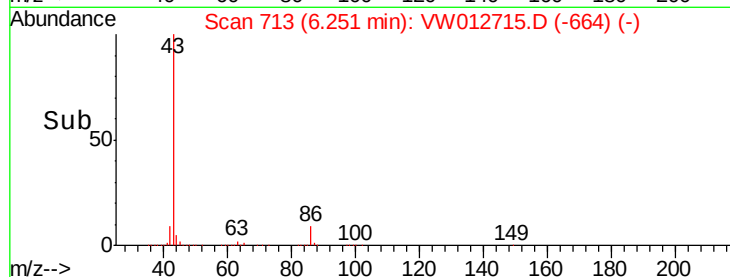
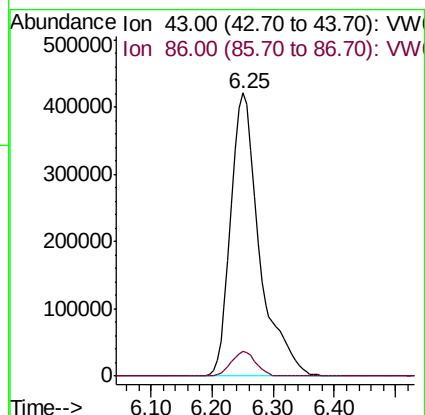
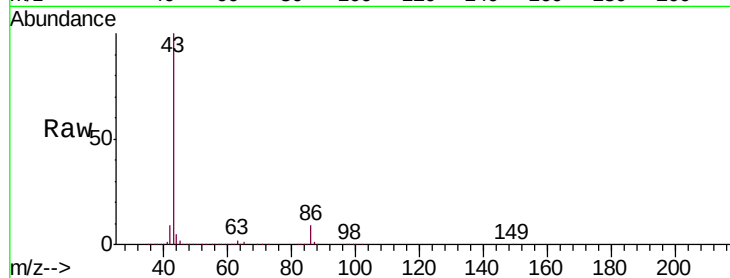
ICVW090719

Tgt Ion: 43 Resp: 1365990

Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.6



#24

1,1-Dichloroethane

Concen: 49.550 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

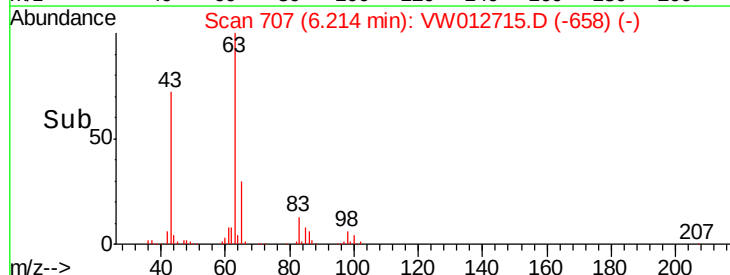
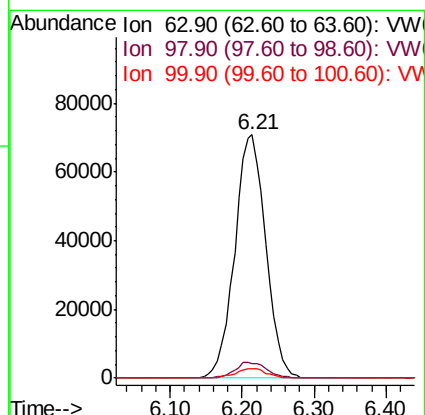
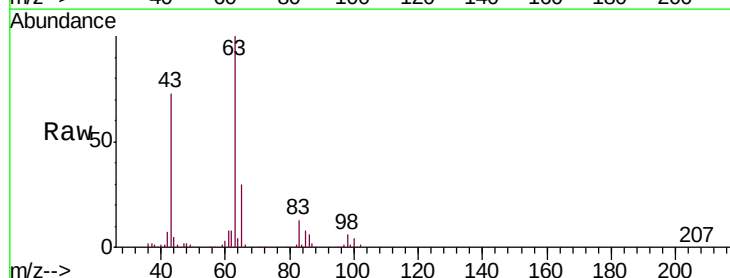
Tgt Ion: 63 Resp: 211248

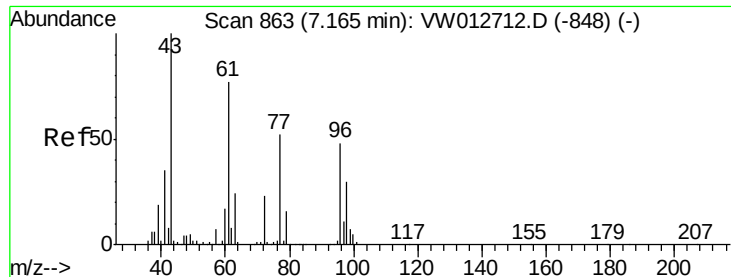
Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.3

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 241.554 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

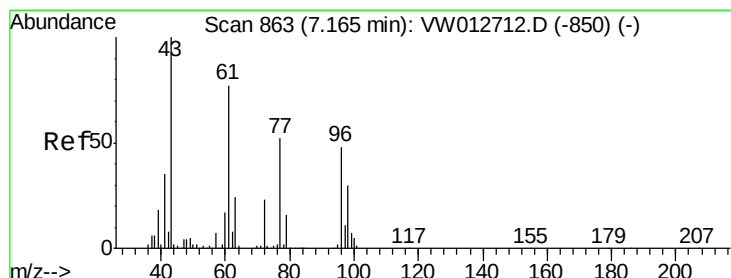
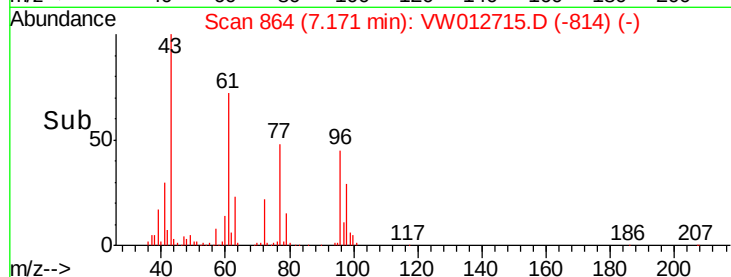
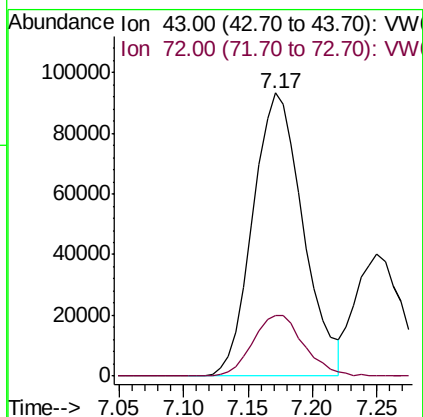
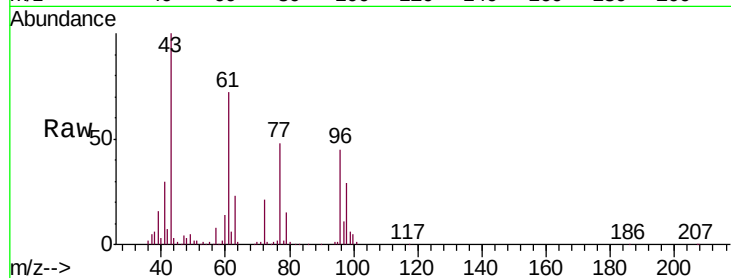
ICVW090719

Tgt Ion: 43 Resp: 252417

Ion Ratio Lower Upper

43 100

72 21.5 18.0 27.0



#26

2,2-Dichloropropane

Concen: 51.644 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012715.D

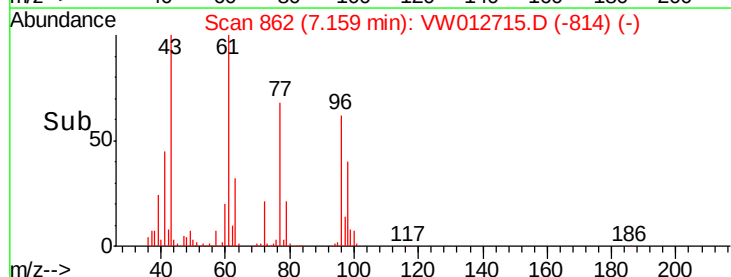
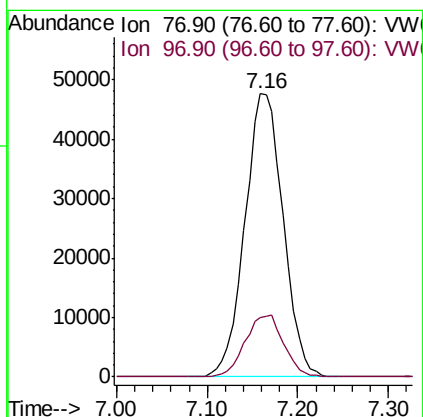
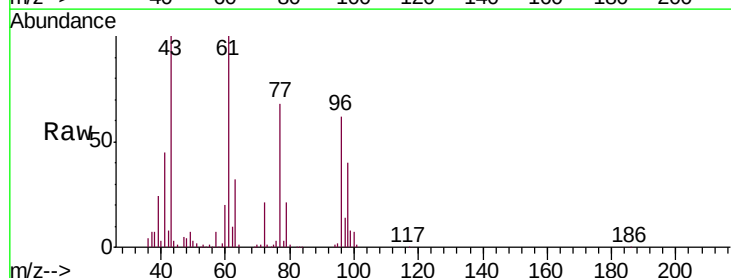
Acq: 07 Sep 2019 12:34

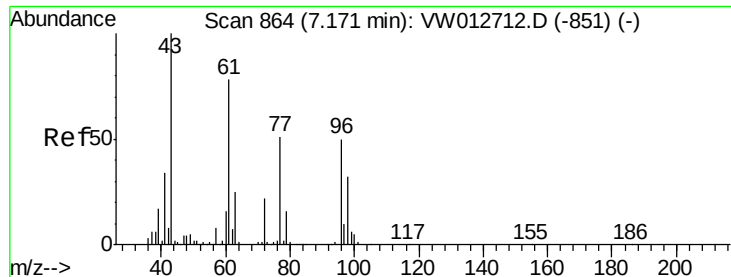
Tgt Ion: 77 Resp: 139061

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1



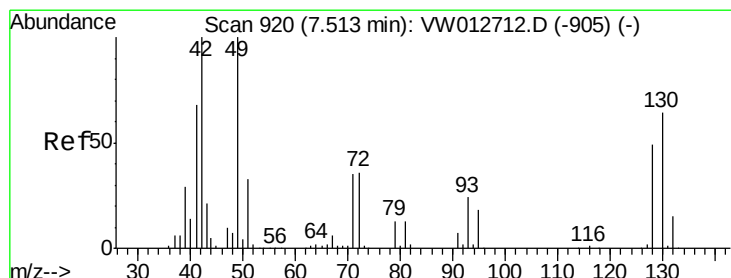
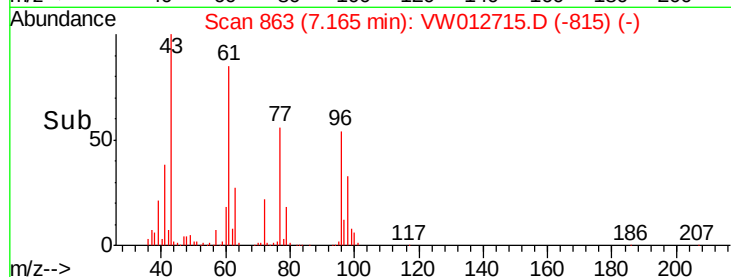
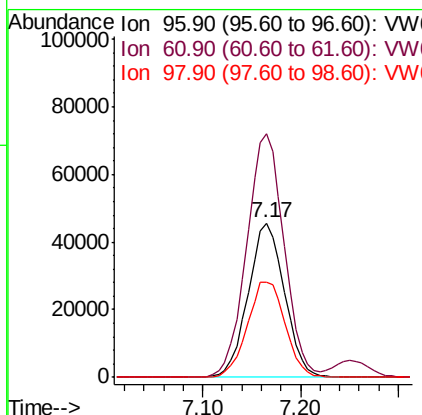
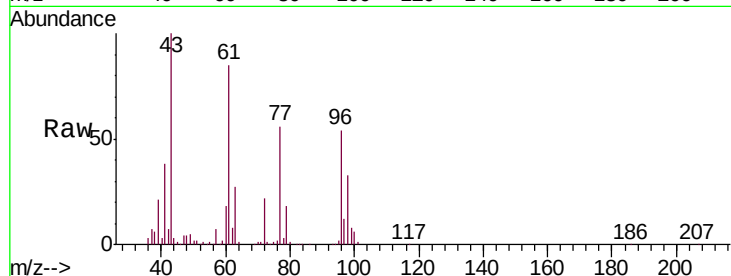


#27

cis-1,2-Dichloroethene
Concen: 51.562 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

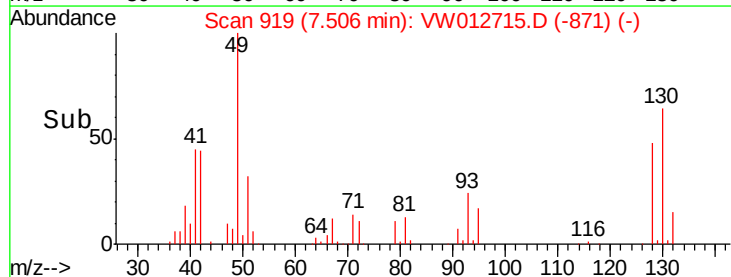
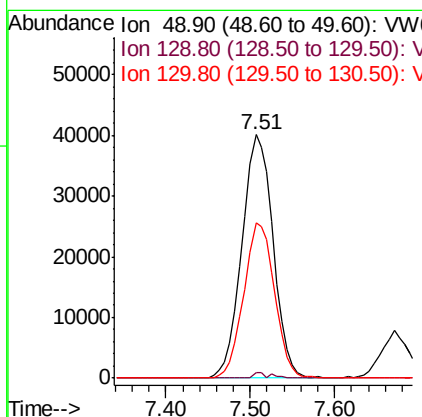
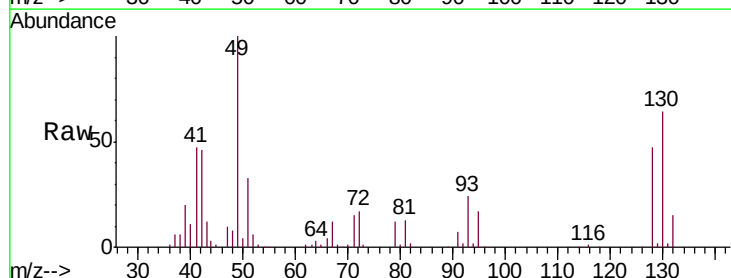
Tgt Ion: 96 Resp: 117728
Ion Ratio Lower Upper
96 100
61 161.3 0.0 325.8
98 64.5 0.0 127.0

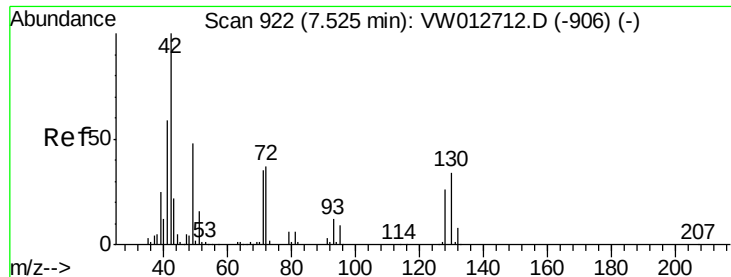


#28

Bromochloromethane
Concen: 51.168 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 49 Resp: 100167
Ion Ratio Lower Upper
49 100
129 0.6 0.0 0.8
130 63.0 49.8 74.8

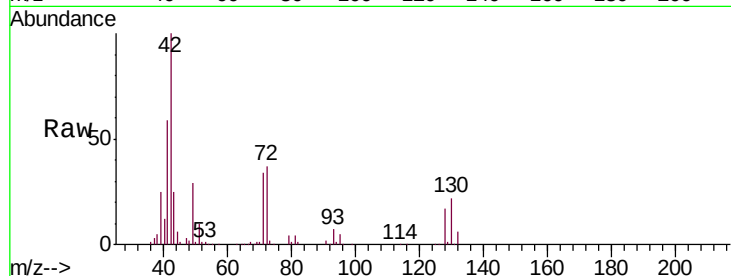




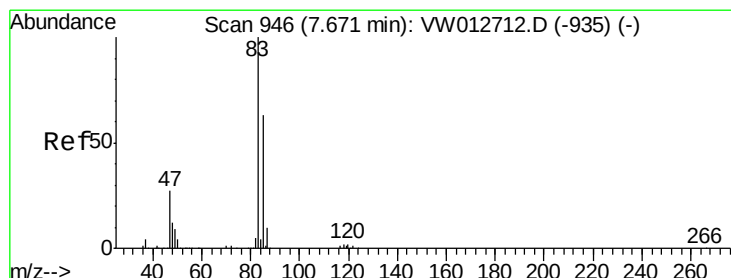
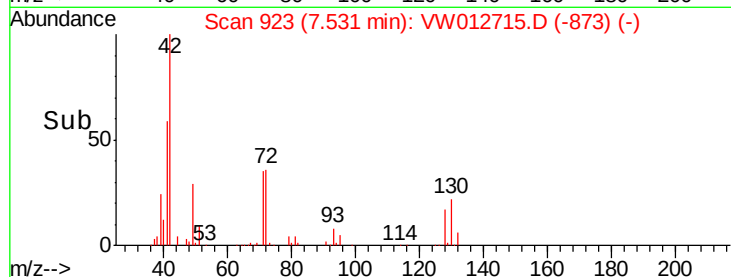
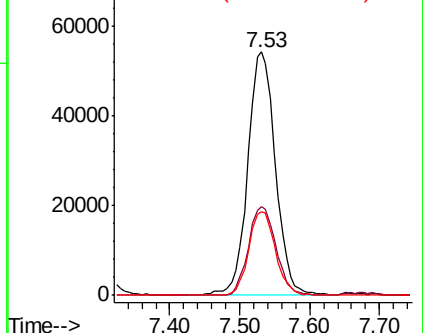
#29
Tetrahydrofuran
Concen: 258.487 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

Tgt Ion: 42 Resp: 148586
Ion Ratio Lower Upper
42 100
72 36.3 28.4 42.6
71 33.5 27.1 40.7

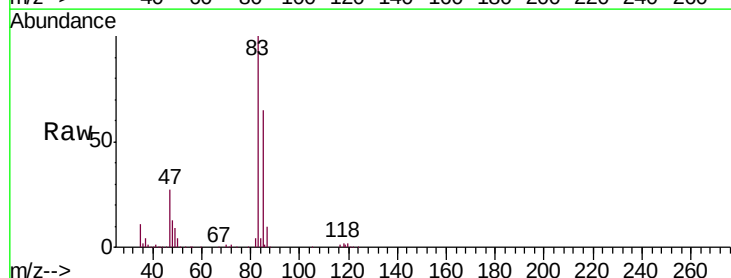


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

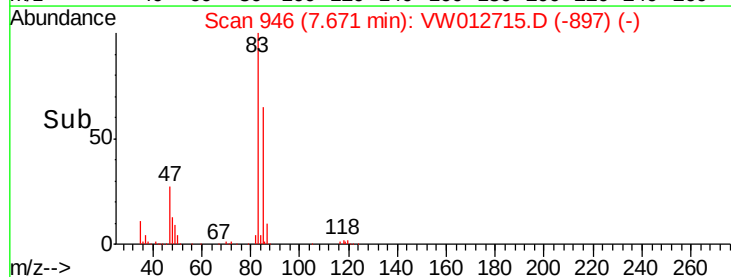
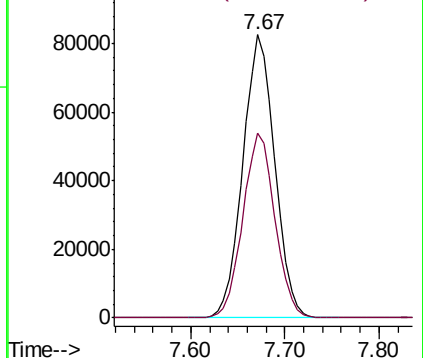


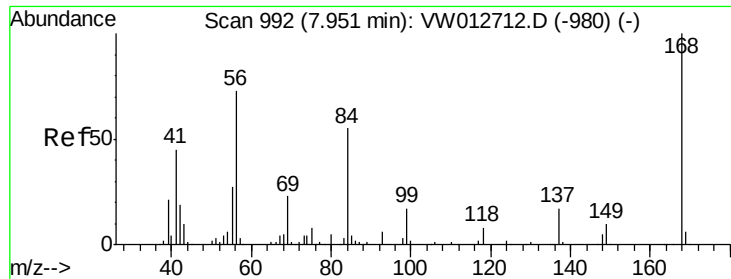
#30
Chloroform
Concen: 46.451 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 83 Resp: 196265
Ion Ratio Lower Upper
83 100
85 65.1 50.6 76.0



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

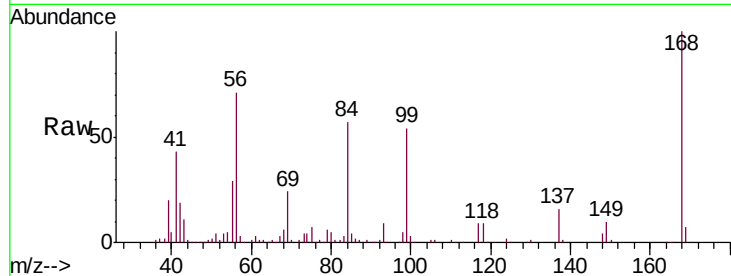




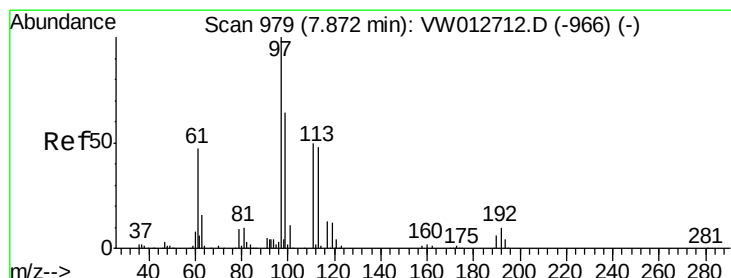
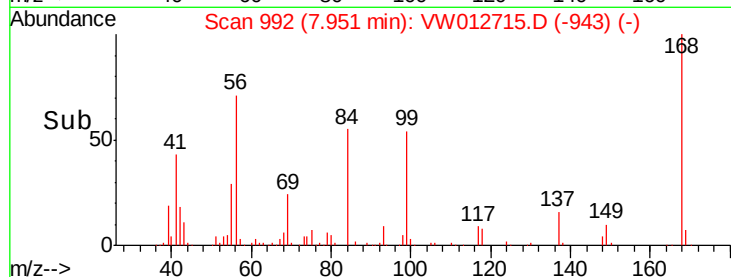
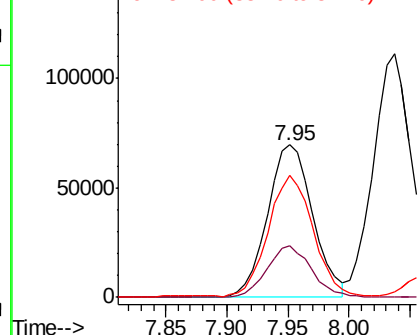
#31
Cyclohexane
Concen: 46.861 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Instrument :
MSVOA_W
ClientSampled :
ICVW090719

Tgt Ion: 56 Resp: 179858
Ion Ratio Lower Upper
56 100
69 34.0 25.7 38.5
84 78.4 60.4 90.6

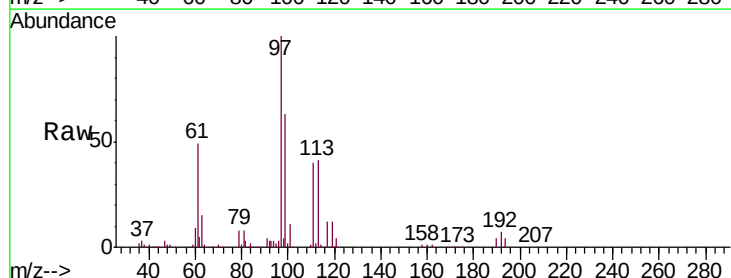


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

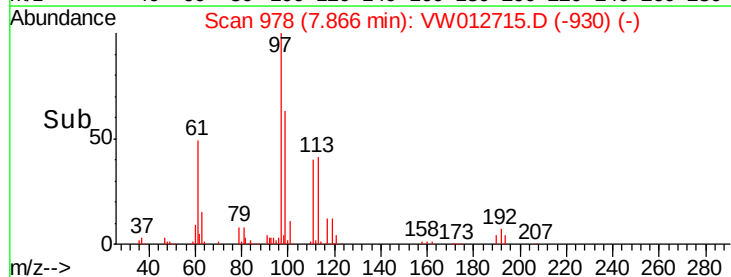
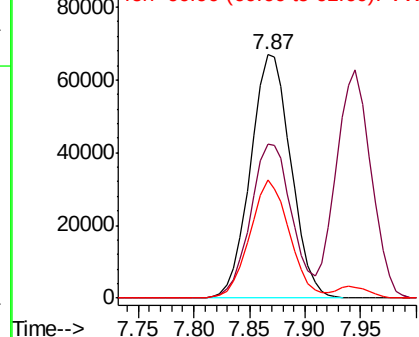


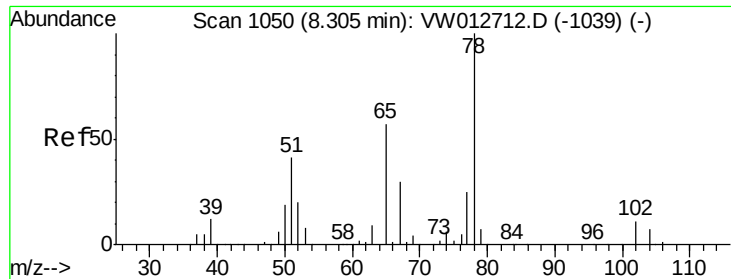
#32
1,1,1-Trichloroethane
Concen: 49.390 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 97 Resp: 169158
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 47.5 37.9 56.9



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

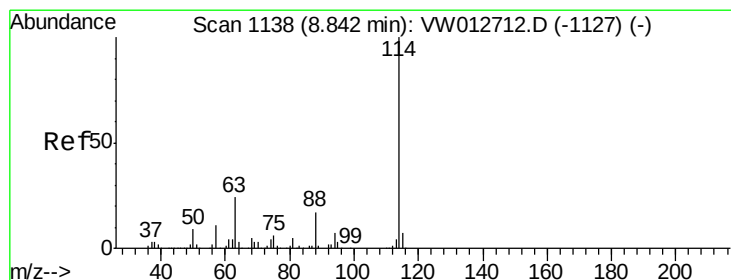
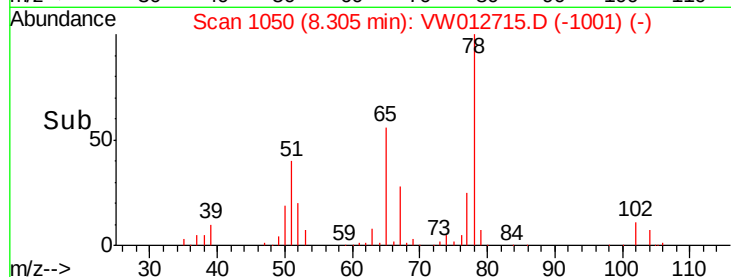
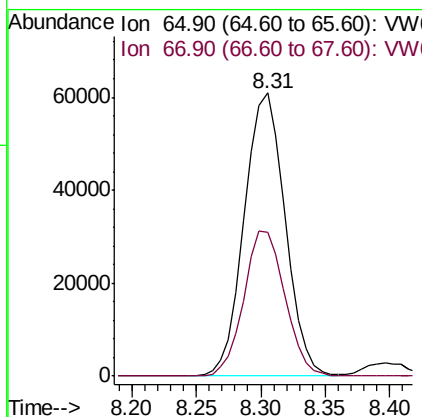
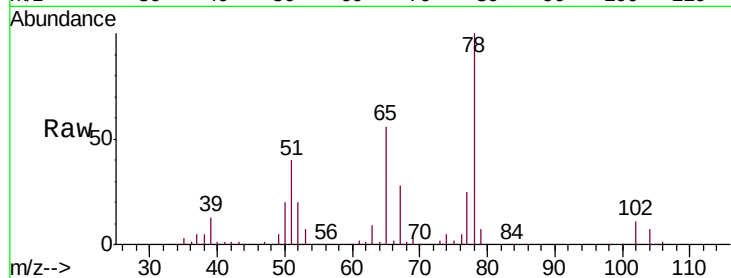




#33
 1,2-Dichloroethane-d4
 Concen: 51.257 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

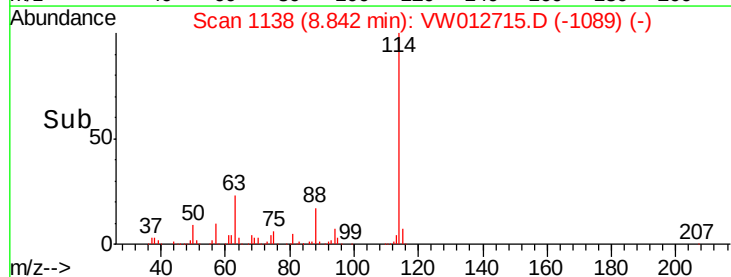
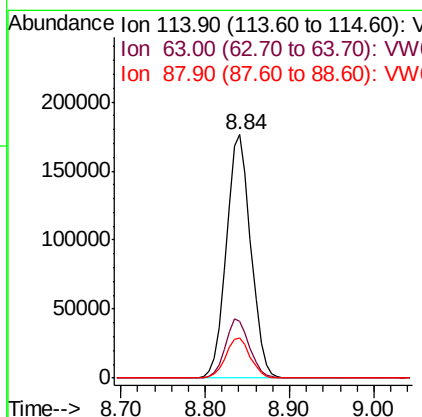
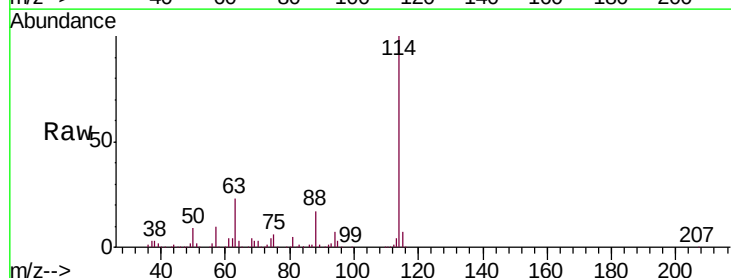
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

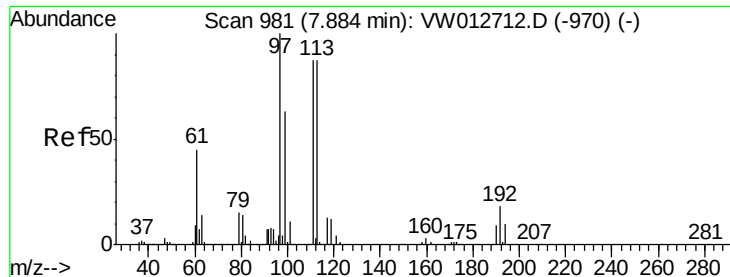
Tgt Ion: 65 Resp: 133835
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 114 Resp: 348426
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.2
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.157 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

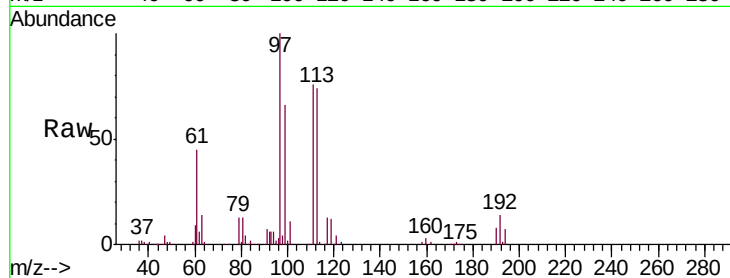
Tgt Ion: 113 Resp: 101828

Ion Ratio Lower Upper

113 100

111 102.6 80.2 120.4

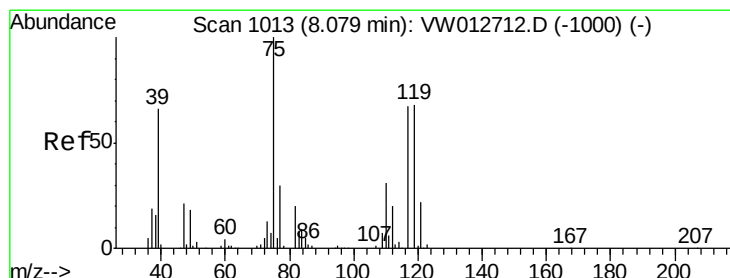
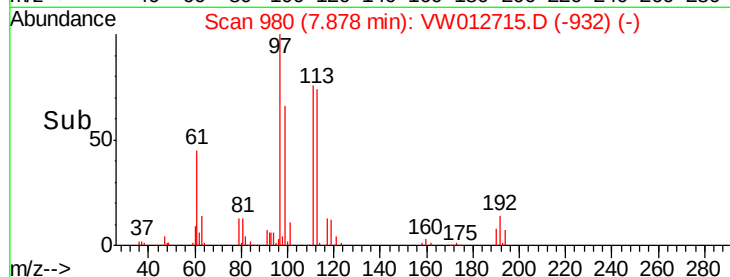
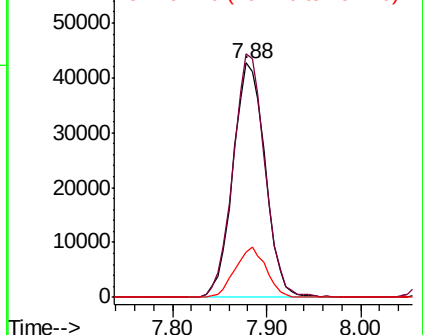
192 20.8 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.450 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

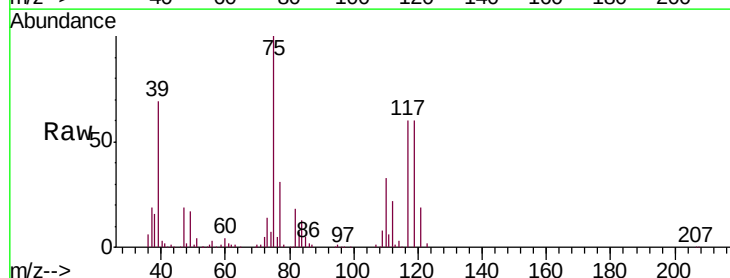
Tgt Ion: 75 Resp: 159283

Ion Ratio Lower Upper

75 100

110 31.7 15.9 47.7

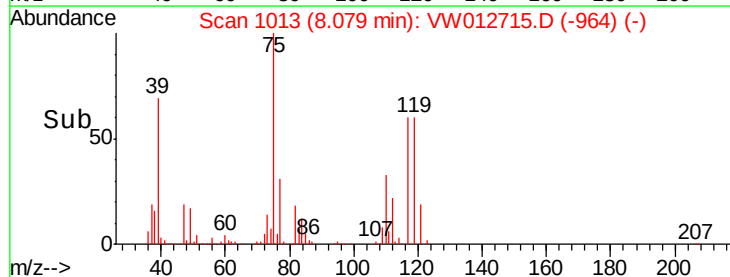
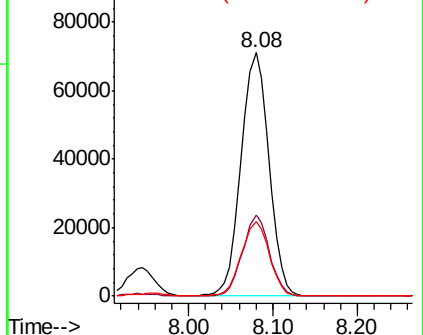
77 30.7 25.0 37.4

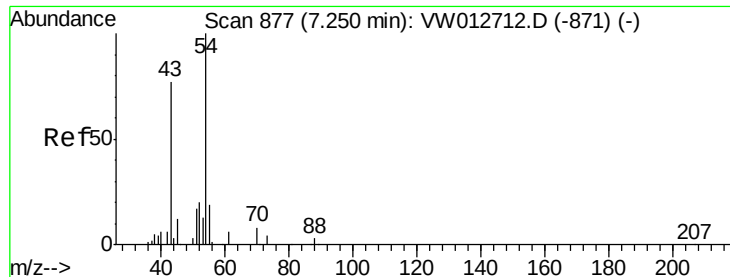


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

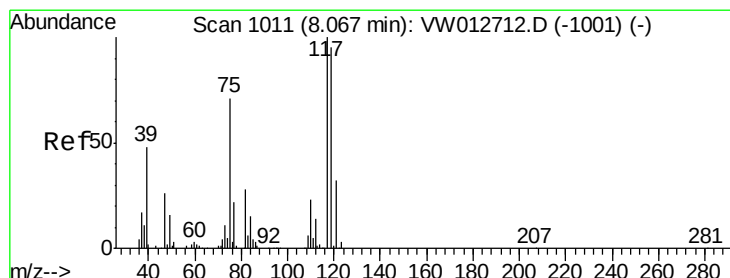
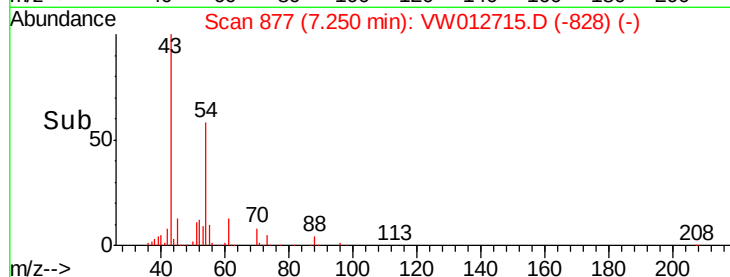
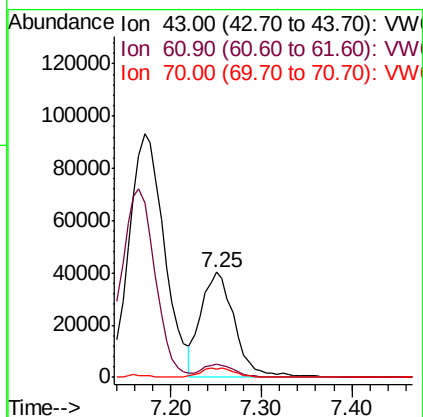
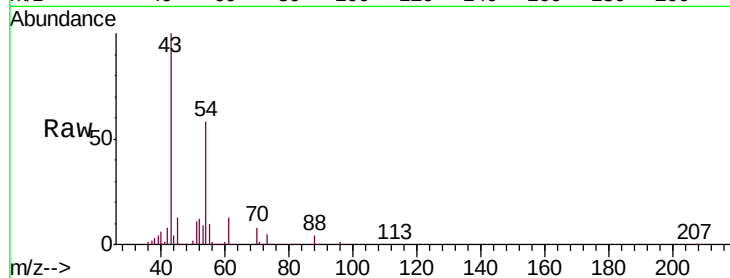




#37
Ethyl Acetate
Concen: 52.285 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

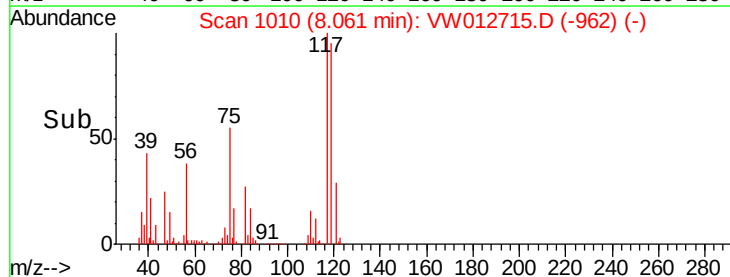
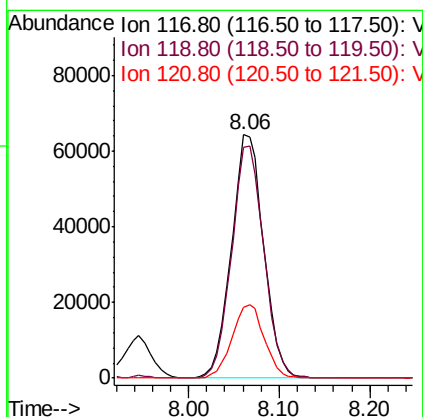
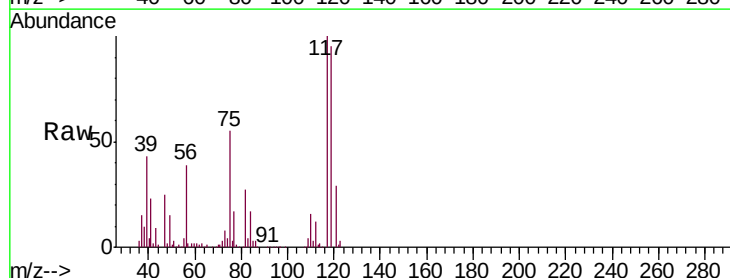
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

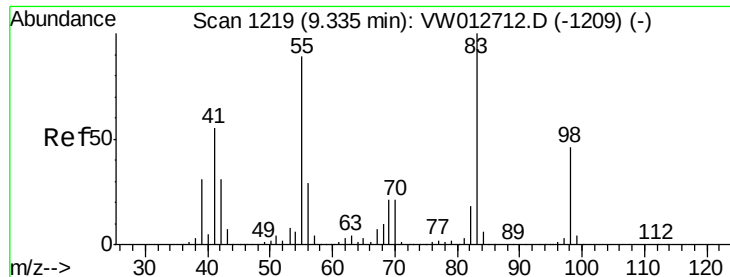
Tgt Ion: 43 Resp: 103186
Ion Ratio Lower Upper
43 100
61 12.3 9.5 14.3
70 9.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 51.940 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 117 Resp: 158508
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2
121 29.3 25.4 38.2

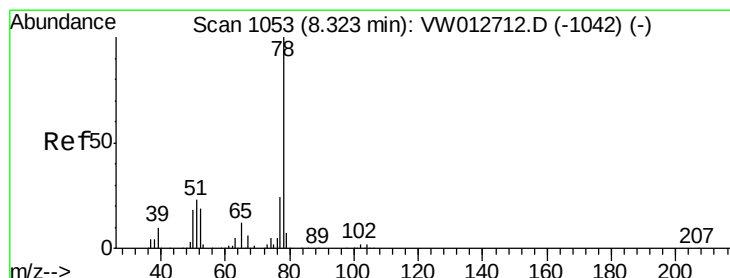
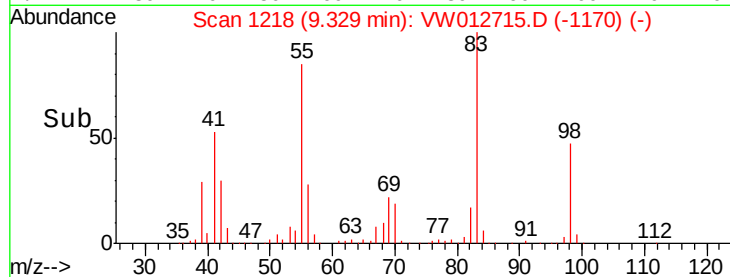
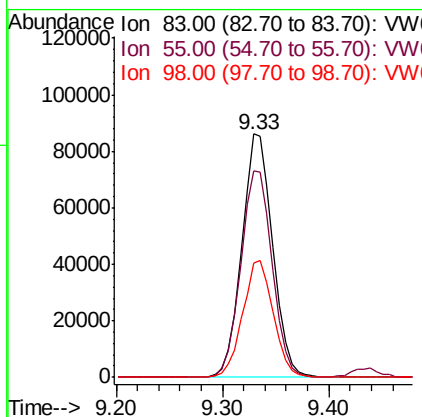
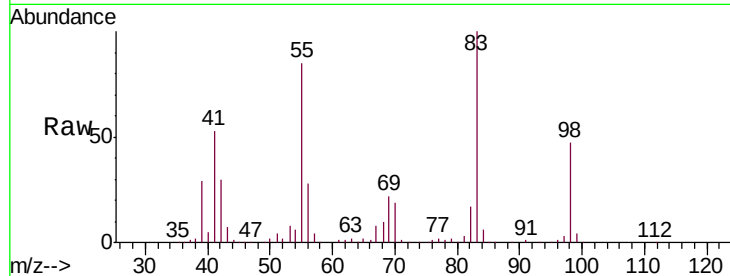




#39
Methylcyclohexane
Concen: 50.285 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

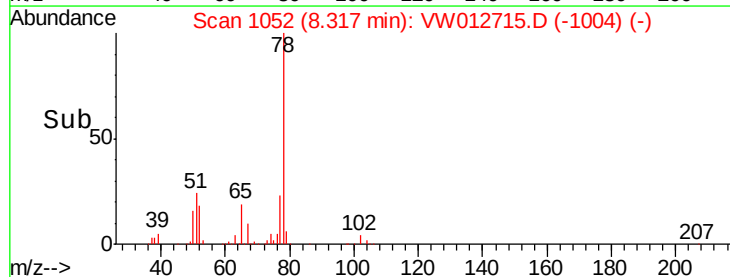
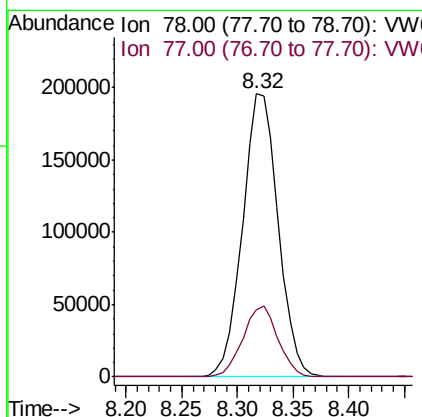
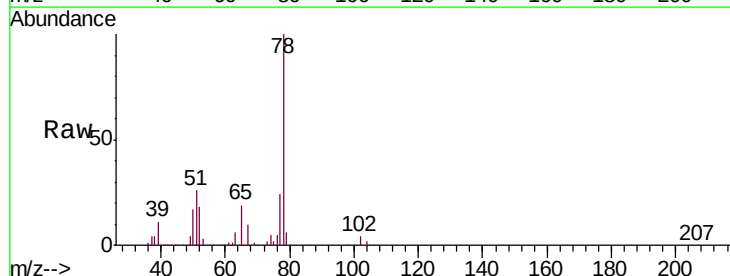
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

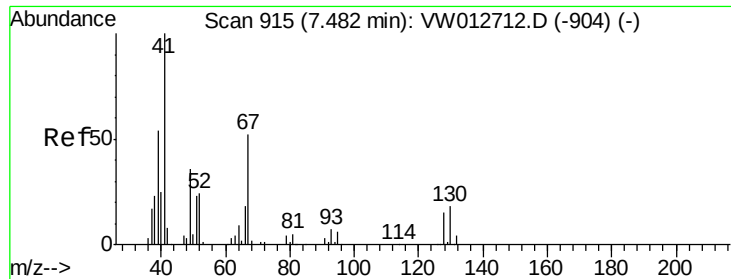
Tgt Ion: 83 Resp: 174843
Ion Ratio Lower Upper
83 100
55 85.0 71.0 106.4
98 47.2 36.9 55.3



#40
Benzene
Concen: 50.728 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 78 Resp: 435725
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

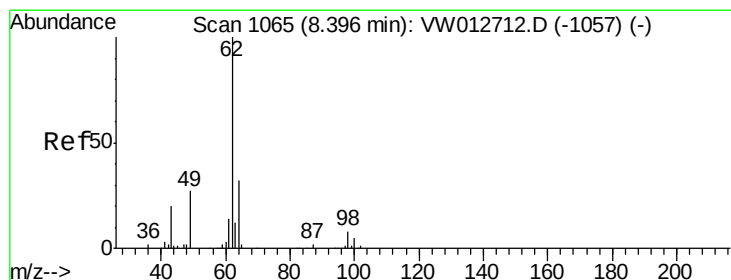
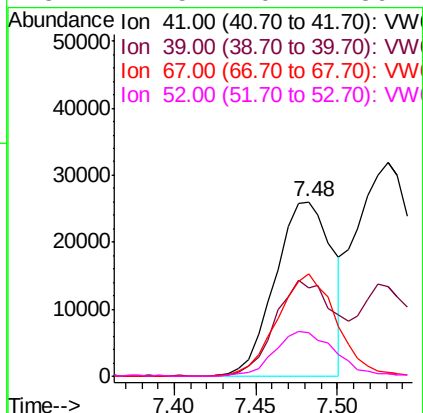
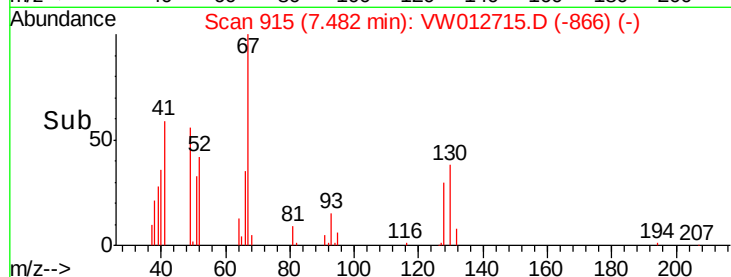
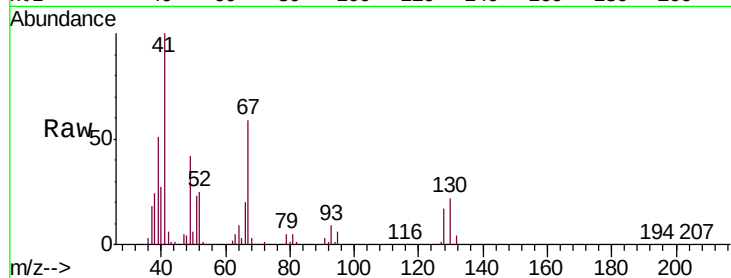




#41
Methacrylonitrile
Concen: 47.531 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

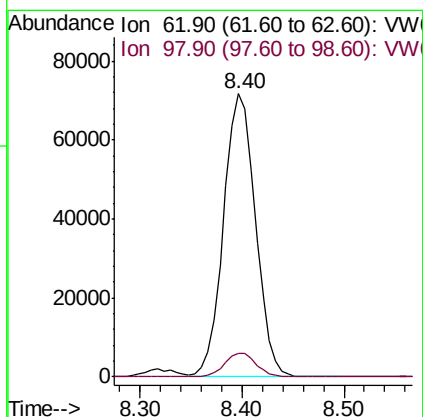
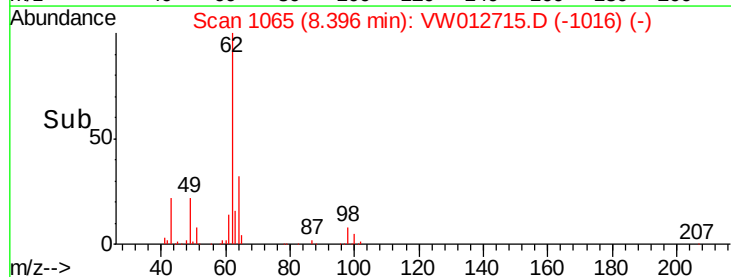
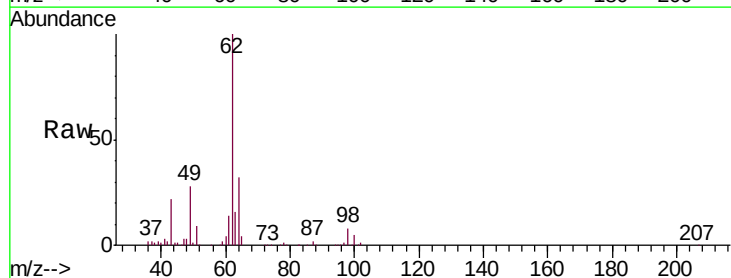
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

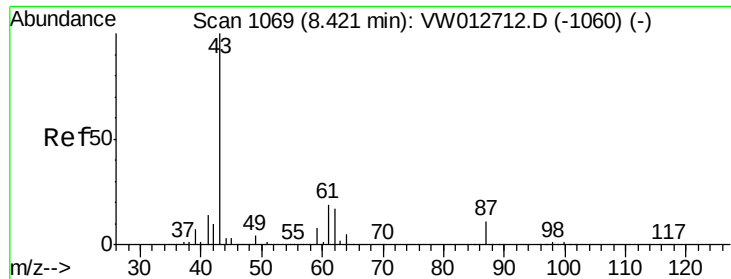
Tgt Ion:	41	Resp:	63489
Ion	Ratio	Lower	Upper
41	100		
39	58.2	47.5	71.3
67	61.1	45.1	67.7
52	27.5	20.2	30.2



#42
1,2-Dichloroethane
Concen: 51.516 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion:	62	Resp:	155730
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 53.103 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

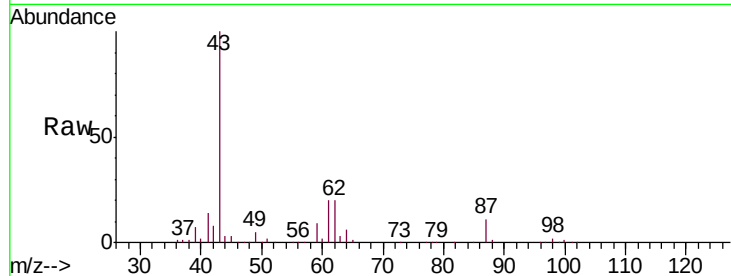
Tgt Ion: 43 Resp: 198552

Ion Ratio Lower Upper

43 100

61 25.8 20.6 30.8

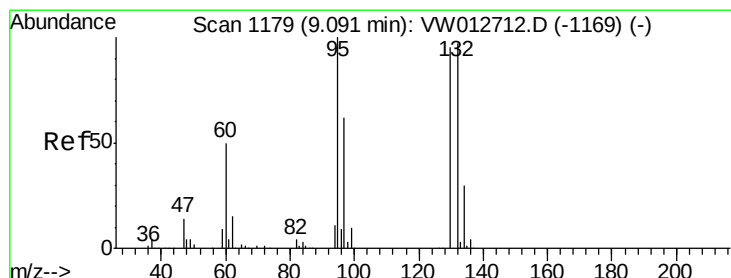
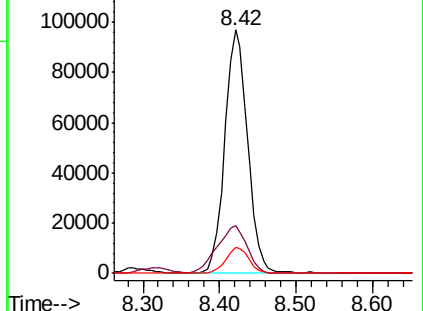
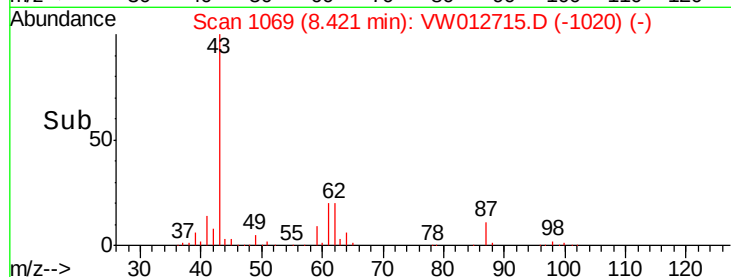
87 10.8 8.6 13.0



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: 50.931 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012715.D

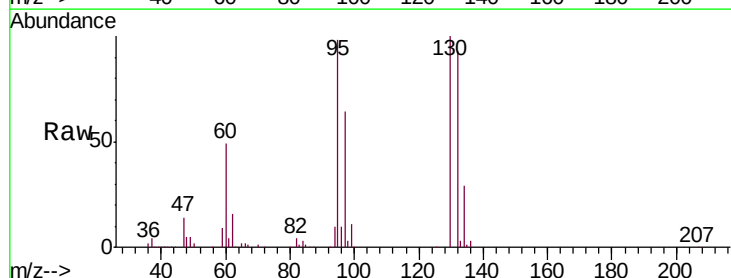
Acq: 07 Sep 2019 12:34

Tgt Ion: 130 Resp: 112766

Ion Ratio Lower Upper

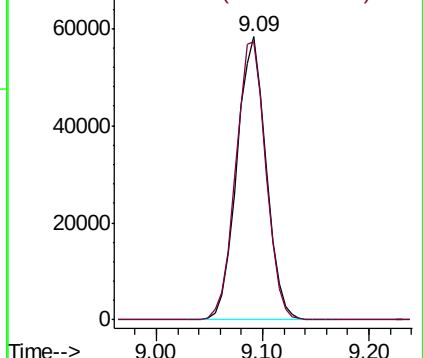
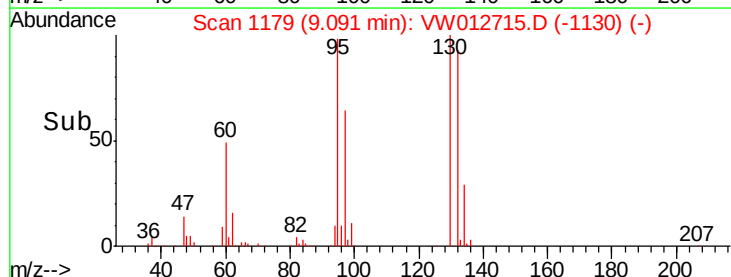
130 100

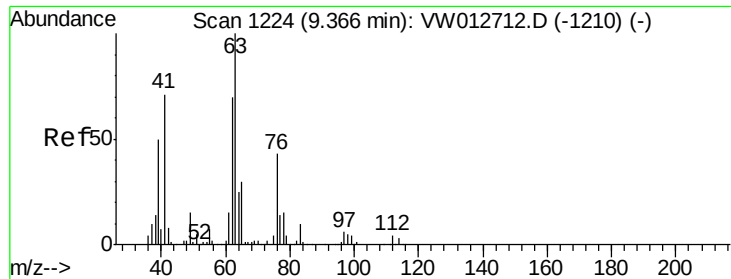
95 98.5 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

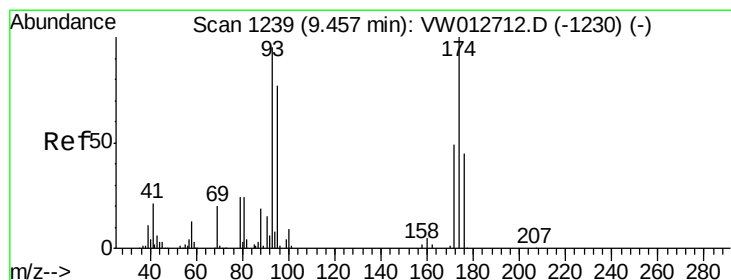
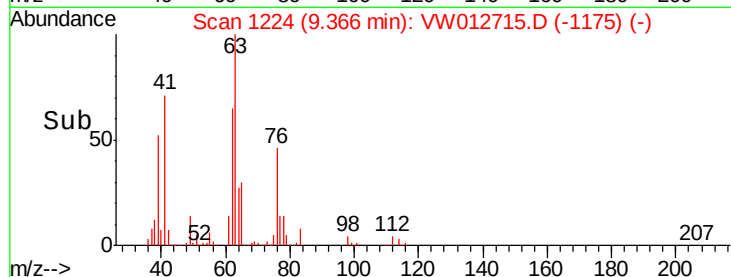
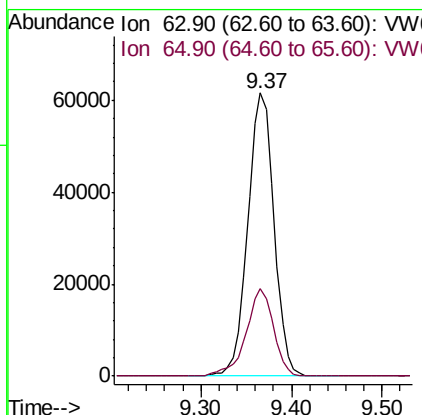
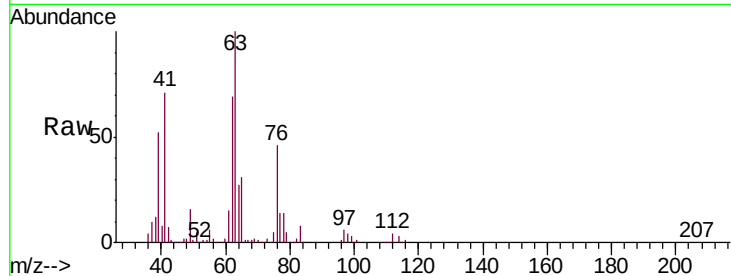




#45
 1,2-Dichloropropane
 Concen: 51.579 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

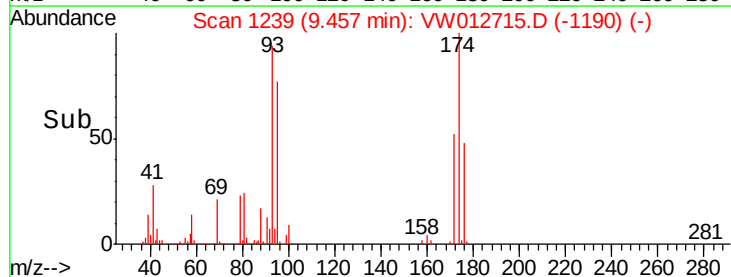
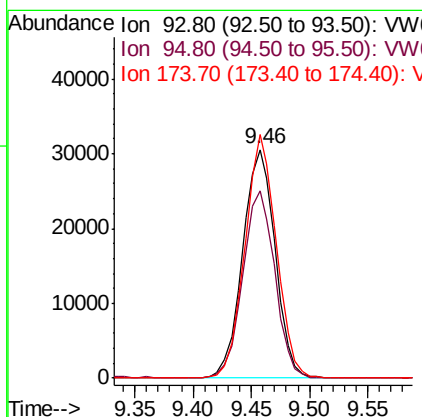
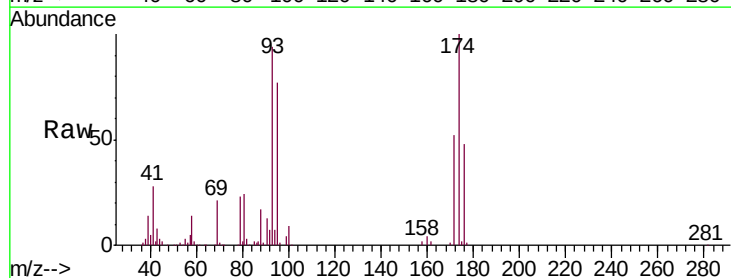
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

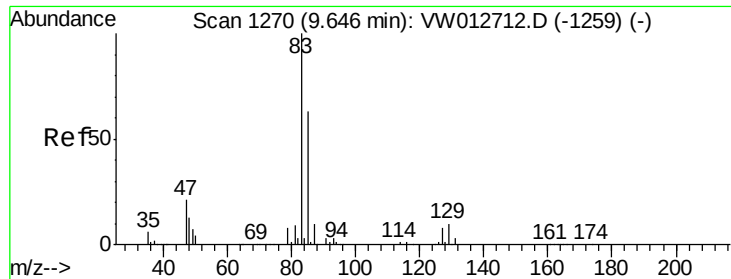
Tgt Ion: 63 Resp: 122879
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.8 35.8



#46
 Dibromomethane
 Concen: 52.745 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 93 Resp: 59503
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.2 97.8
 174 103.1 84.2 126.4

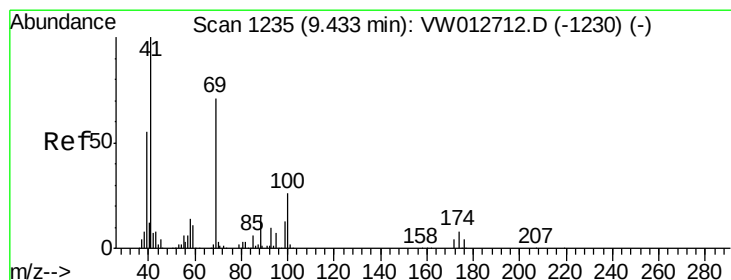
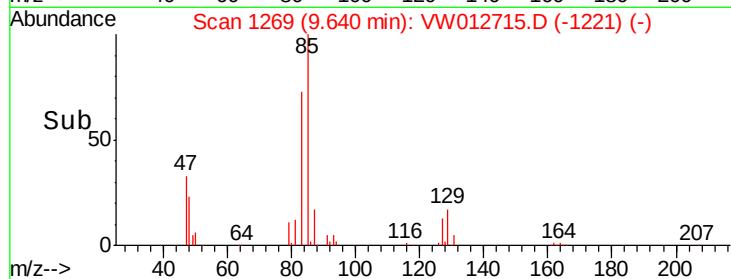
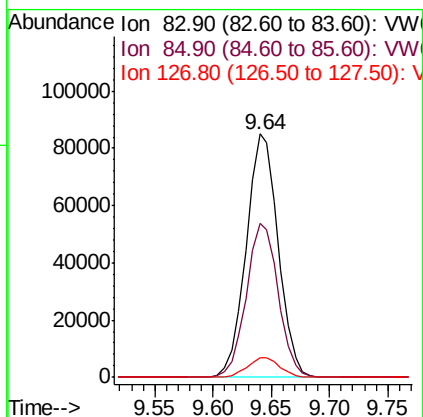
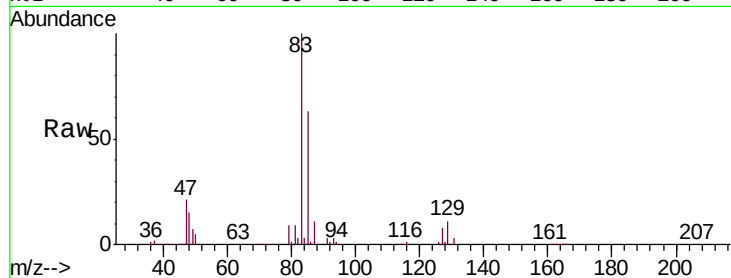




#47
 Bromodichloromethane
 Concen: 52.323 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

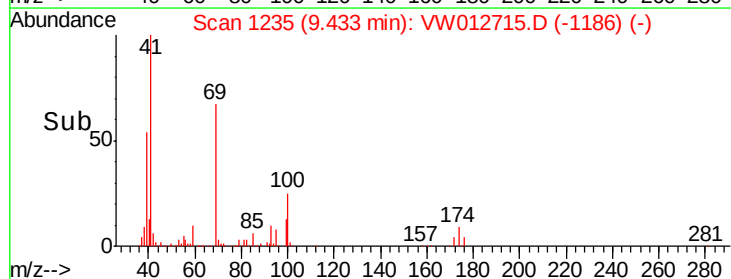
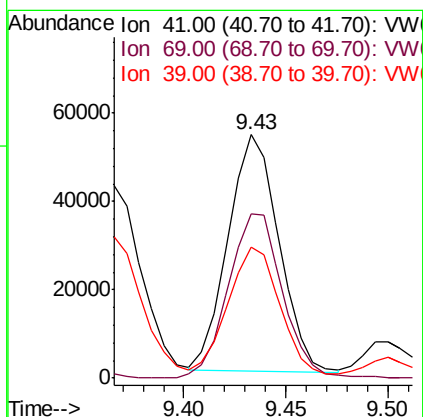
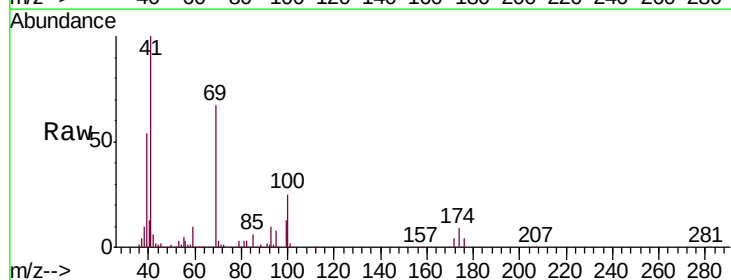
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

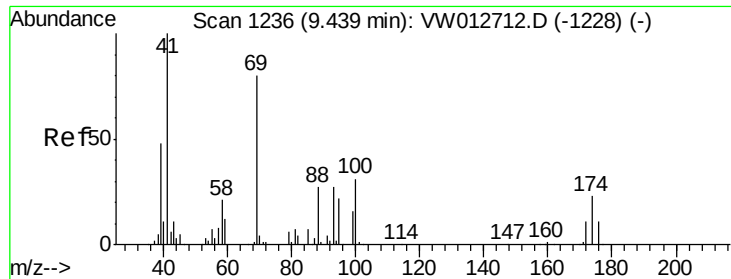
Tgt Ion: 83 Resp: 162395
 Ion Ratio Lower Upper
 83 100
 85 63.4 50.2 75.2
 127 8.0 6.6 9.8



#48
 Methyl methacrylate
 Concen: 51.839 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 41 Resp: 92627
 Ion Ratio Lower Upper
 41 100
 69 73.8 59.8 89.8
 39 58.0 47.0 70.6

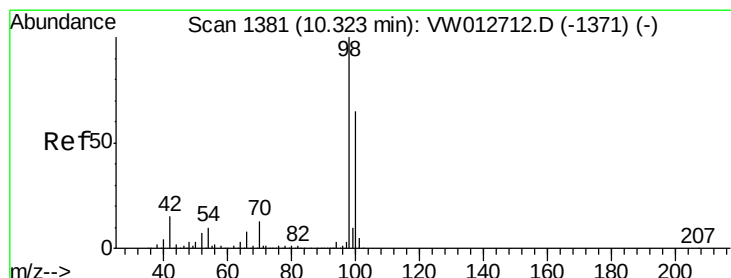
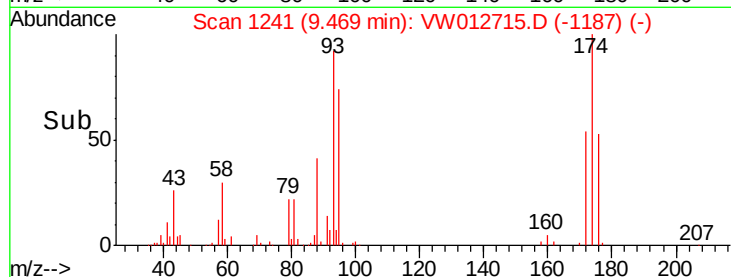
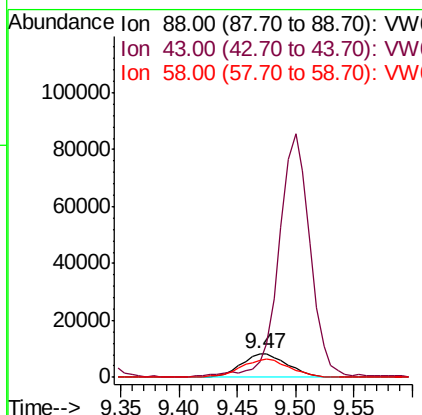
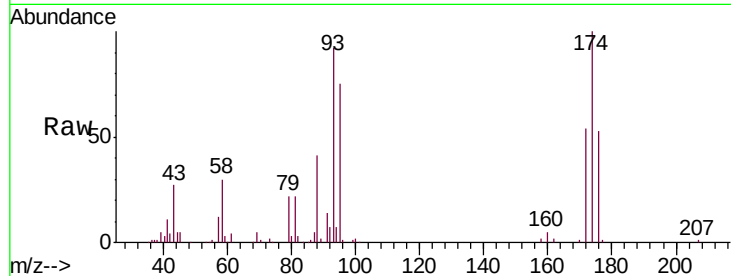




#49
 1,4-Dioxane
 Concen: 1025.460 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. 0.03 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

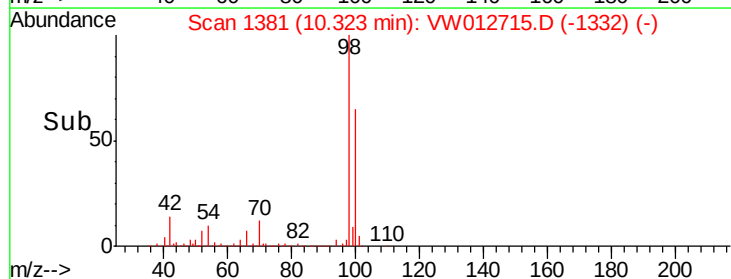
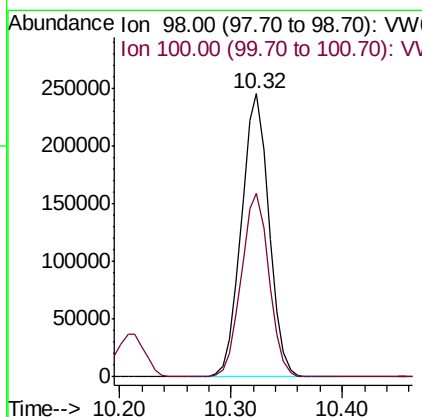
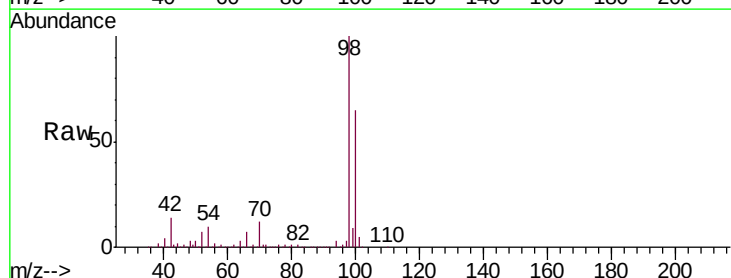
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

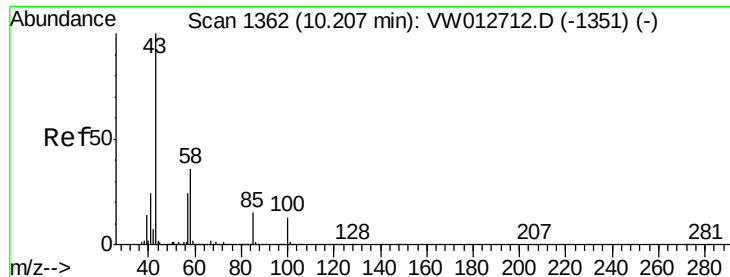
Tgt Ion: 88 Resp: 22851
 Ion Ratio Lower Upper
 88 100
 43 0.0 34.8 52.2#
 58 82.7 64.1 96.1



#50
 Toluene-d8
 Concen: 51.969 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 98 Resp: 421762
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.2 78.4

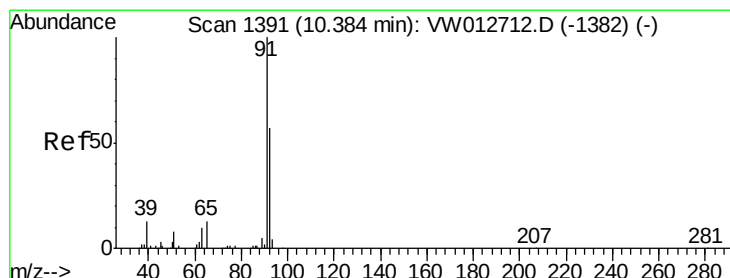
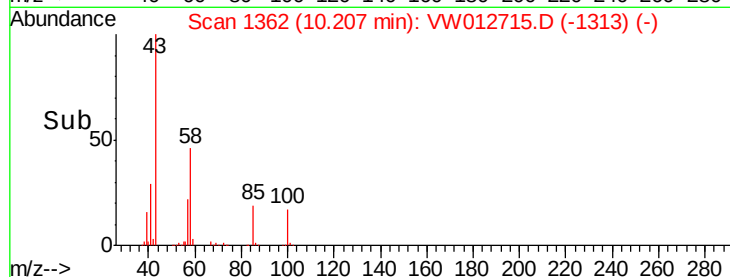
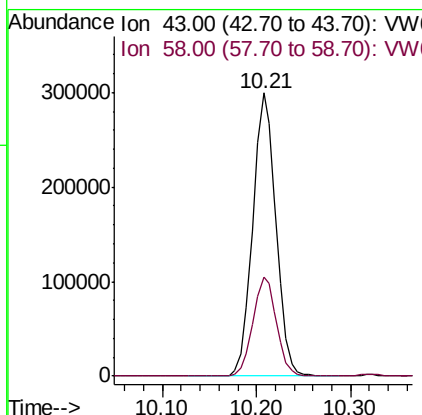
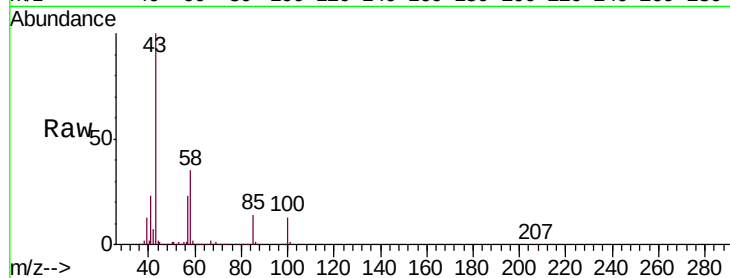




#51
 4-Methyl-2-Pentanone
 Concen: 264.598 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

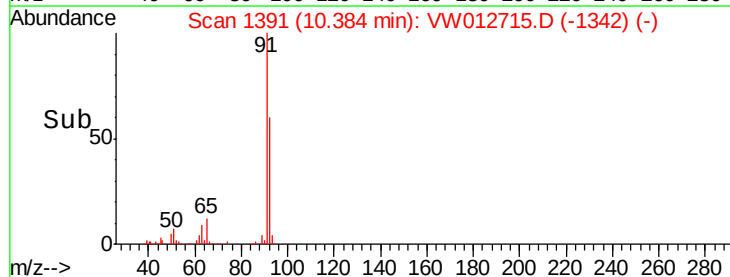
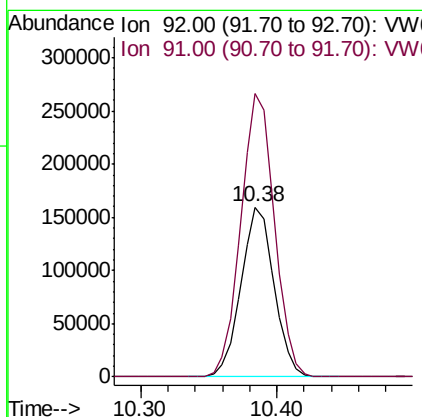
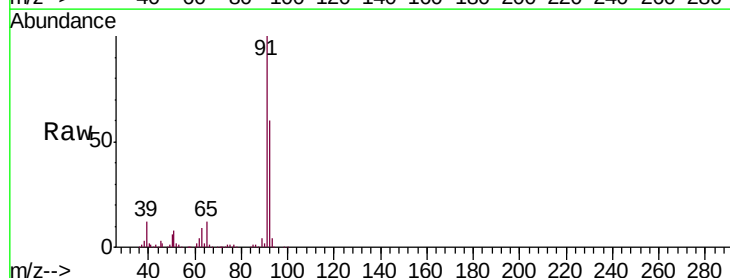
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

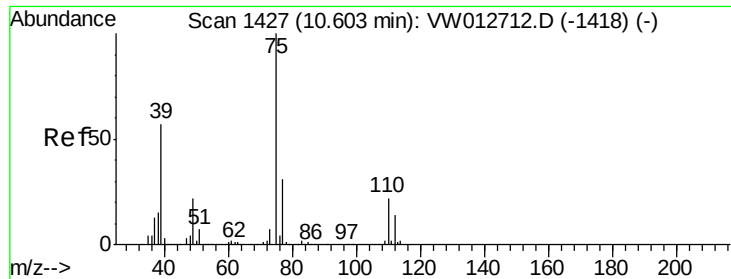
Tgt Ion: 43 Resp: 519127
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.4 42.6



#52
 Toluene
 Concen: 50.715 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 92 Resp: 271884
 Ion Ratio Lower Upper
 92 100
 91 169.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.609 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

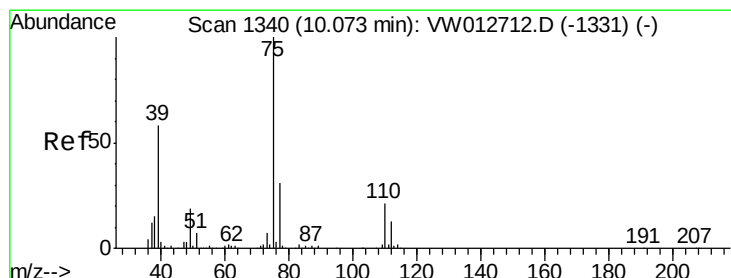
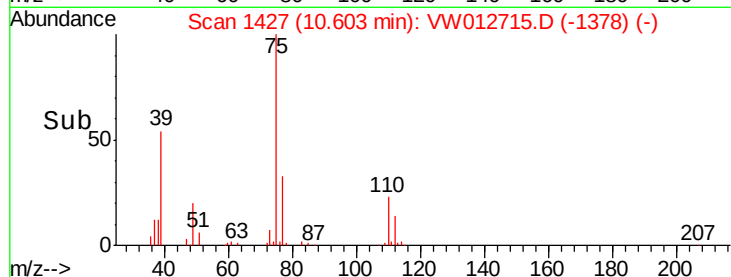
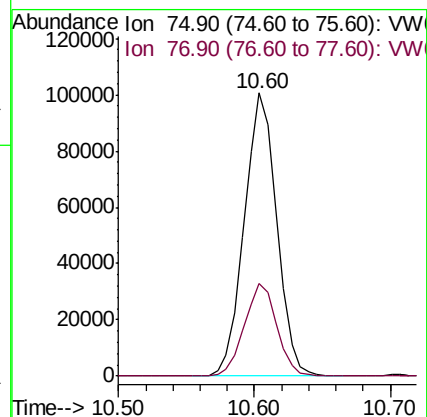
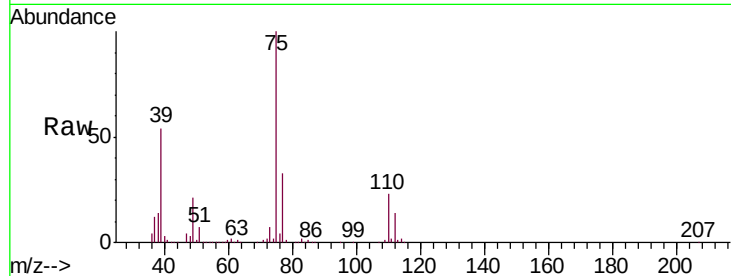
ICVW090719

Tgt Ion: 75 Resp: 167901

Ion Ratio Lower Upper

75 100

77 32.9 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 52.620 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

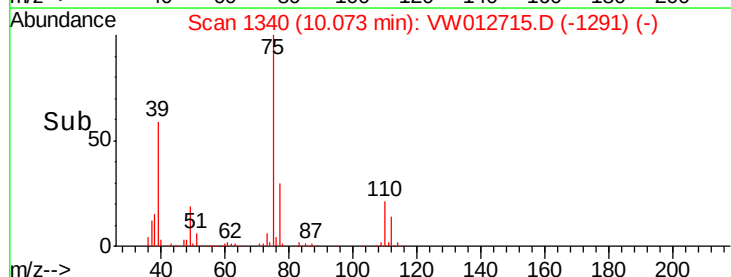
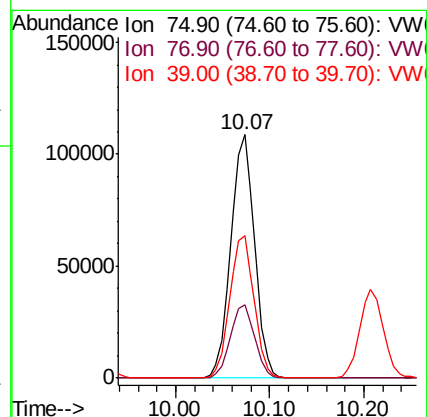
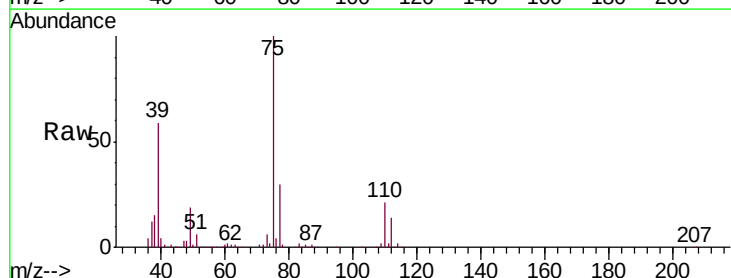
Tgt Ion: 75 Resp: 190507

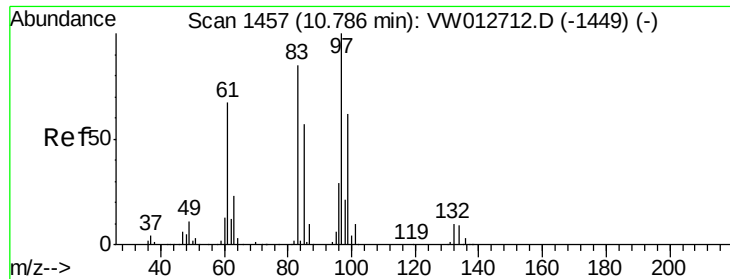
Ion Ratio Lower Upper

75 100

77 30.1 24.6 36.8

39 58.6 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 52.086 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

Tgt Ion: 97 Resp: 87969

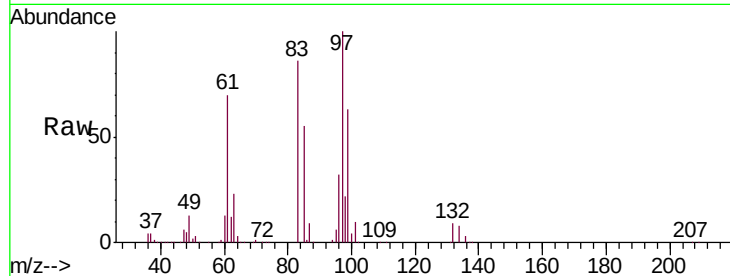
Ion Ratio Lower Upper

97 100

83 85.9 68.1 102.1

85 55.2 45.3 67.9

99 62.7 50.0 75.0

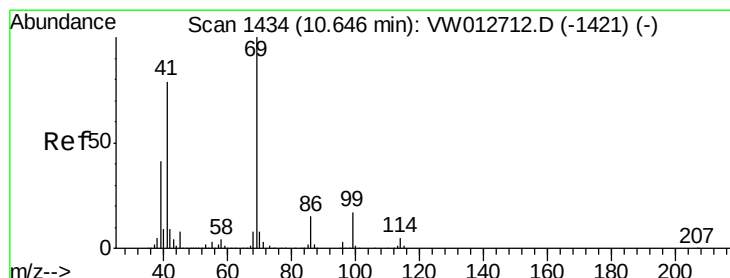
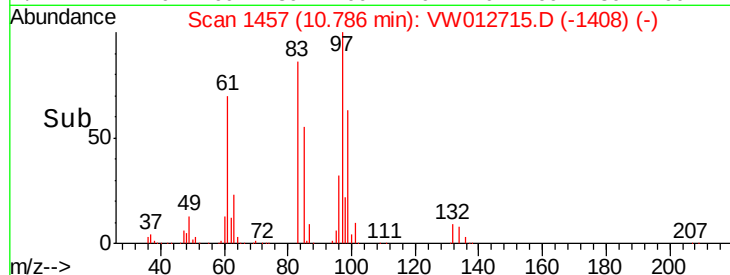
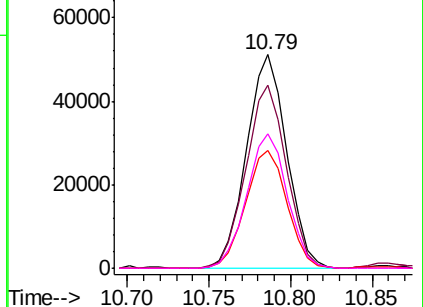


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 53.377 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

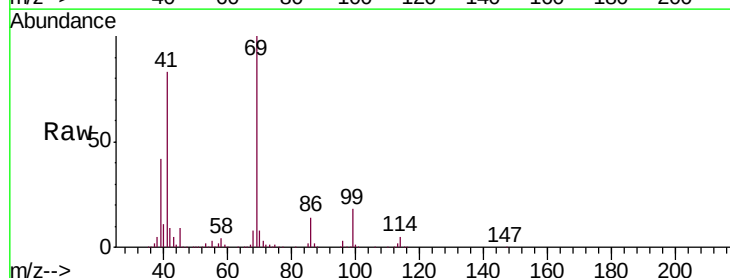
Tgt Ion: 69 Resp: 131962

Ion Ratio Lower Upper

69 100

41 82.3 64.4 96.6

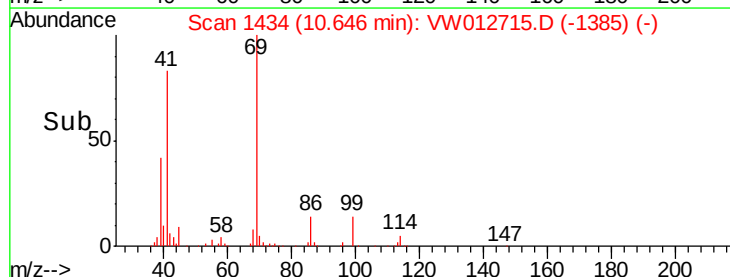
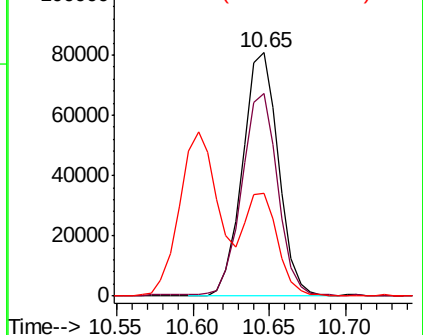
39 37.9 31.1 46.7

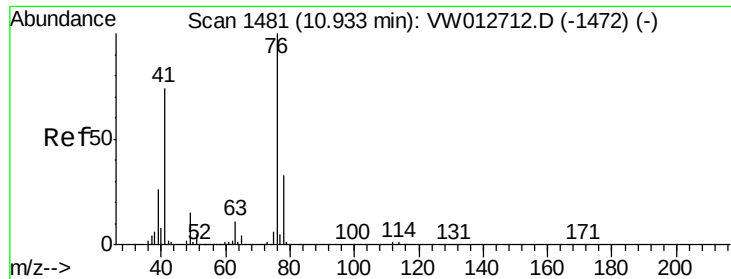


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

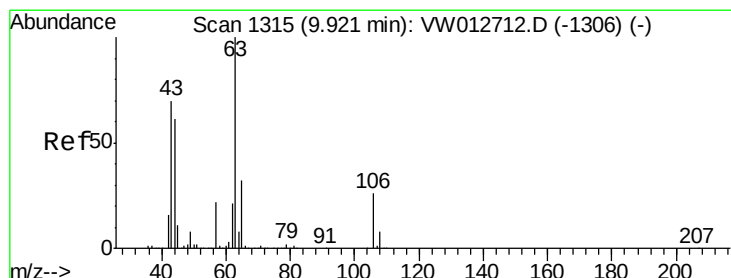
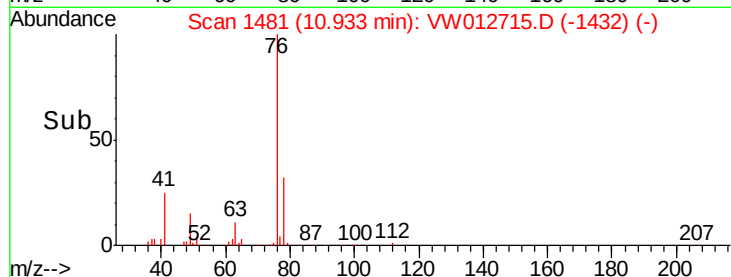
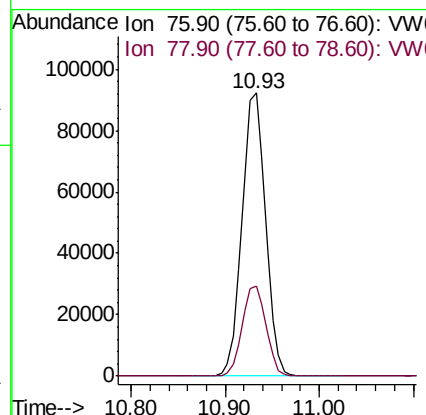
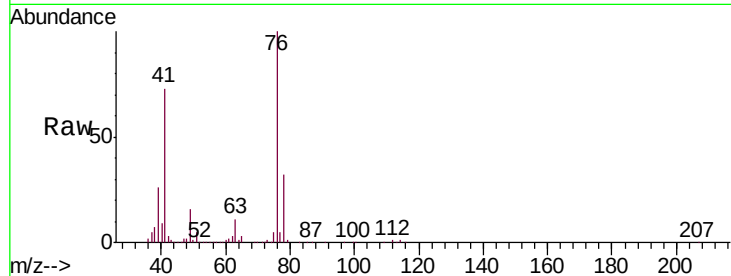




#57
 1,3-Dichloropropane
 Concen: 51.507 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

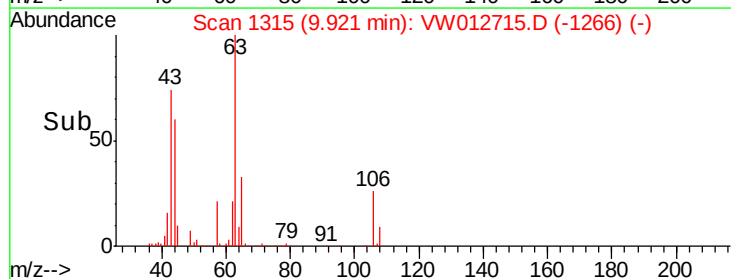
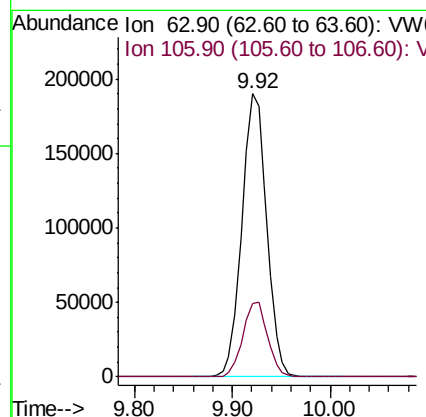
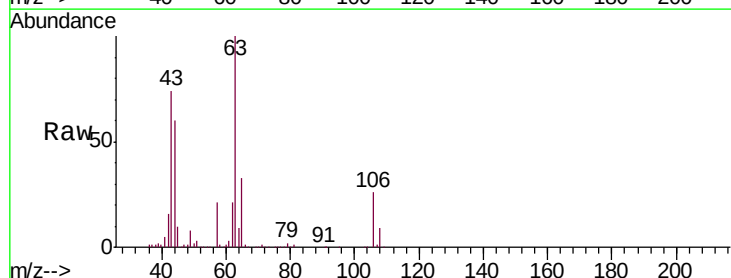
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

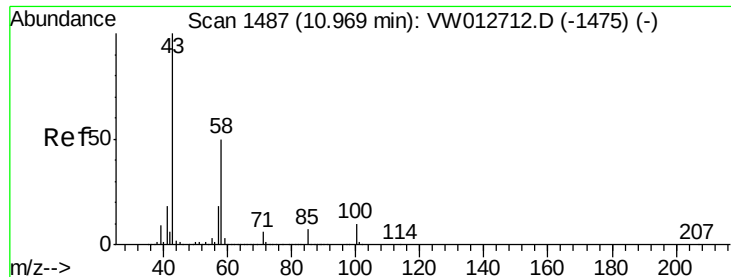
Tgt Ion: 76 Resp: 160935
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.639 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 63 Resp: 334208
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.5 30.7

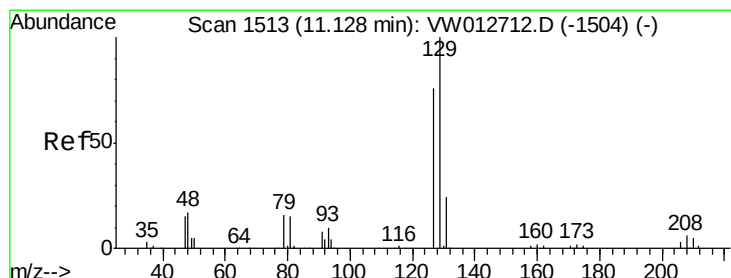
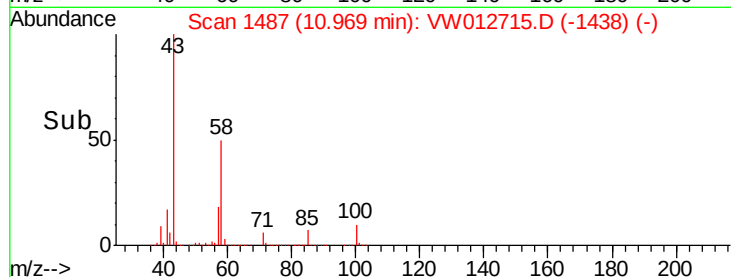
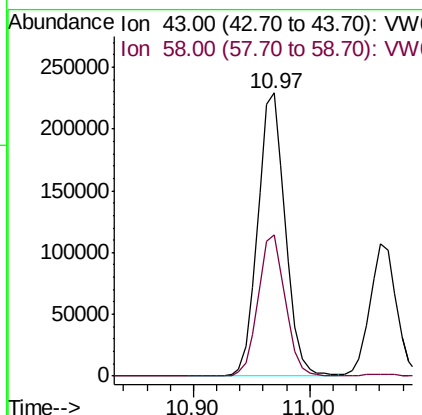
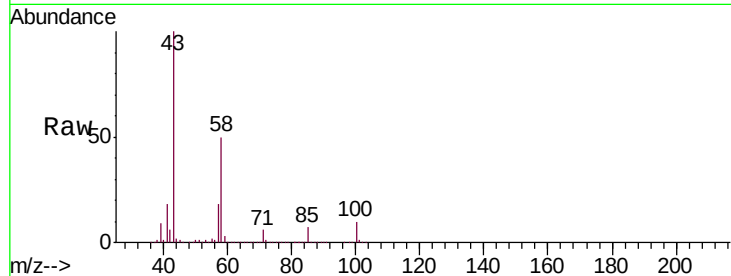




#59
2-Hexanone
Concen: 263.561 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

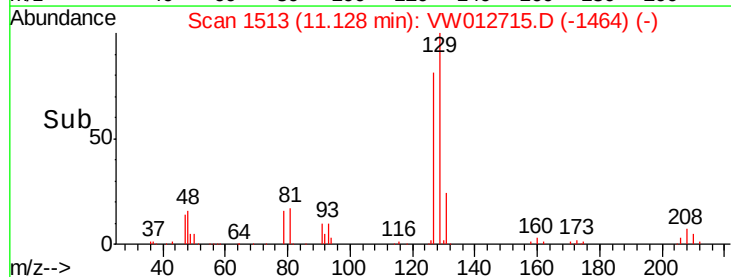
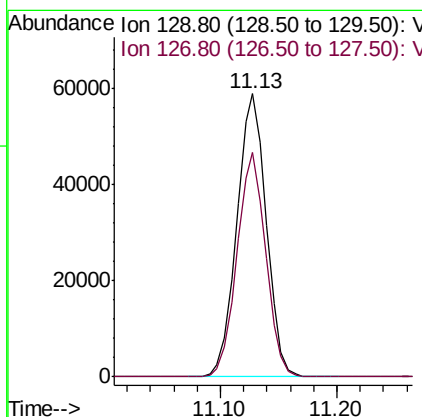
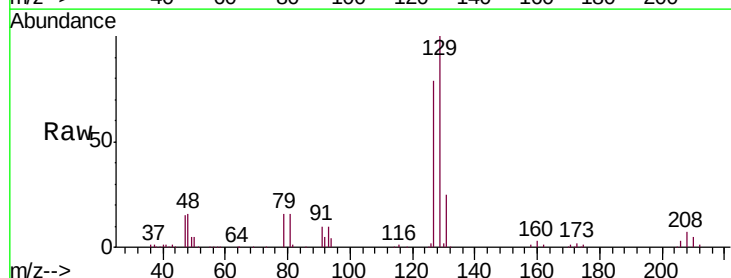
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

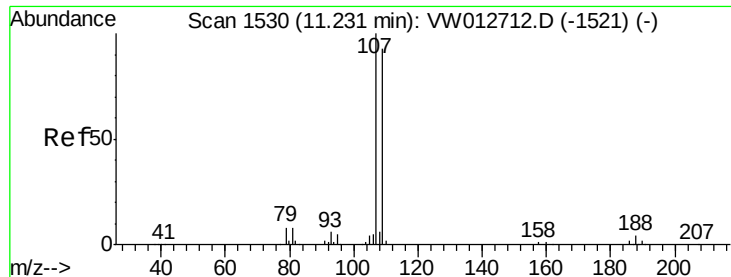
Tgt Ion: 43 Resp: 377778
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 52.131 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 129 Resp: 103548
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

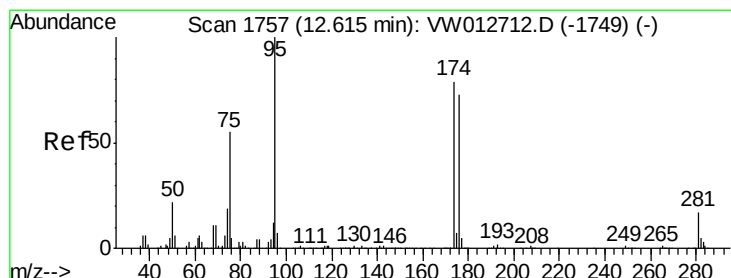
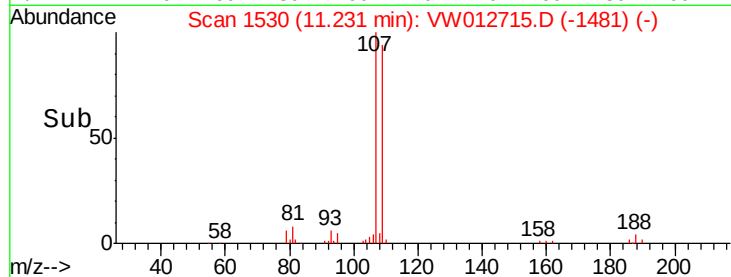
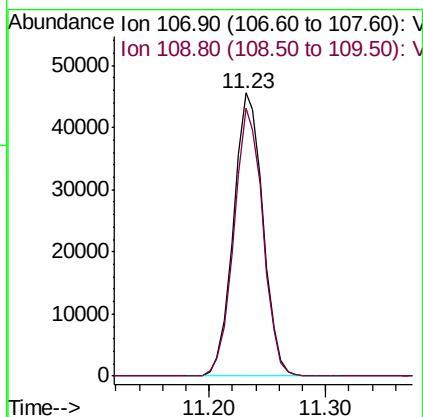
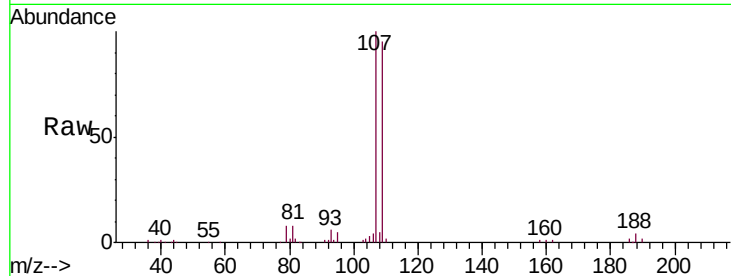




#61
 1,2-Dibromoethane
 Concen: 51.745 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

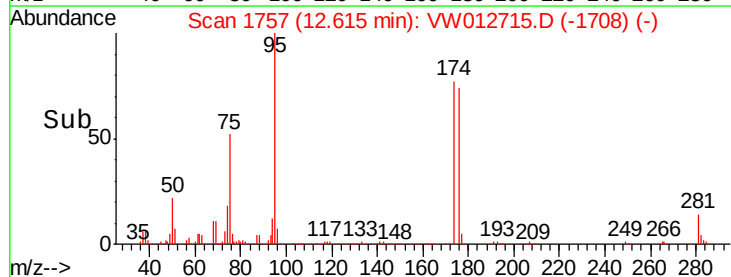
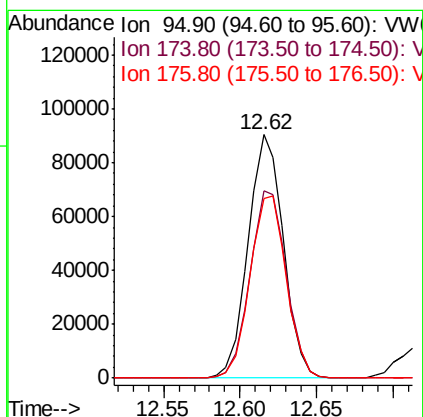
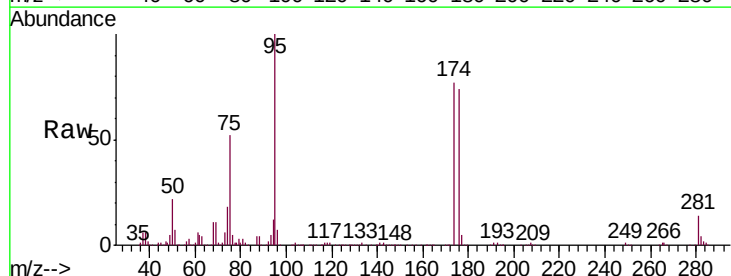
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

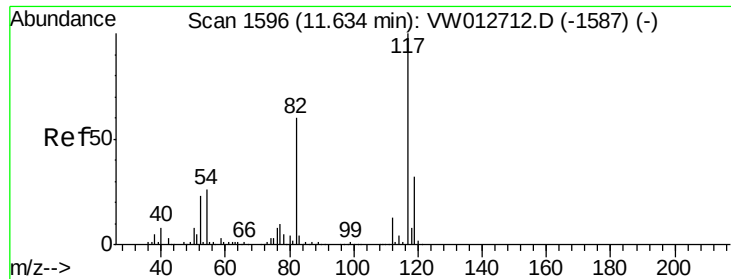
Tgt Ion: 107 Resp: 80123
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.125 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 95 Resp: 144733
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 161.0
 176 77.3 0.0 156.4

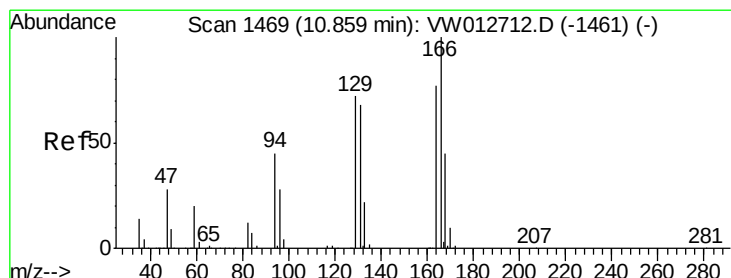
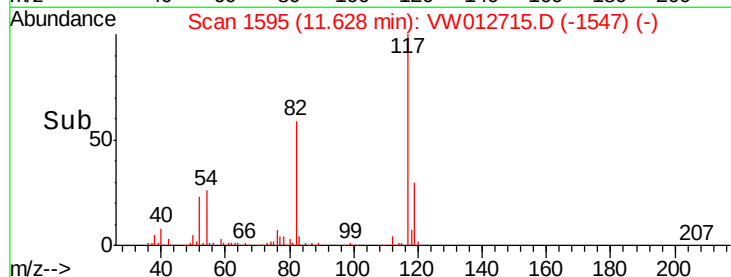
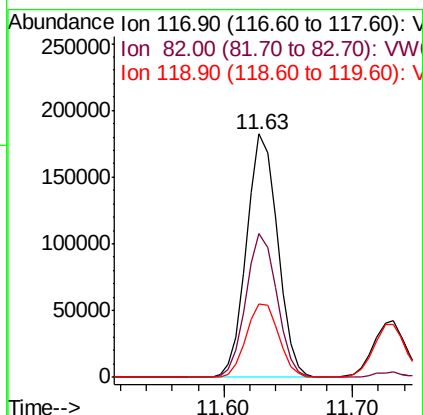
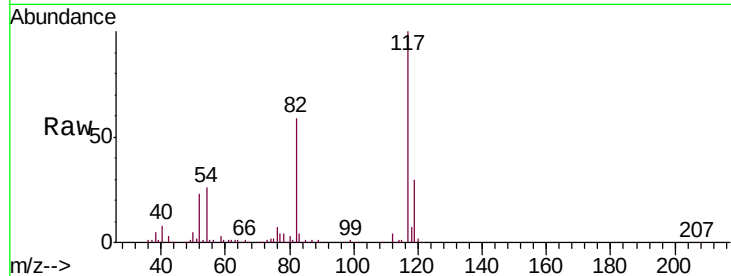




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

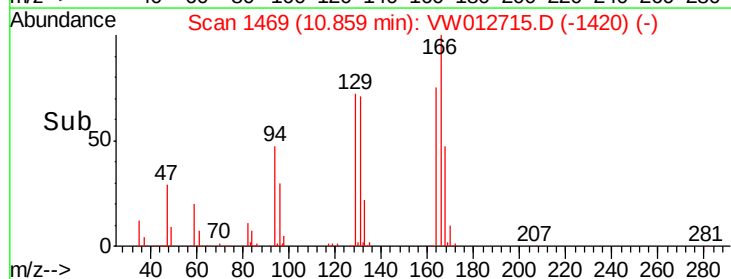
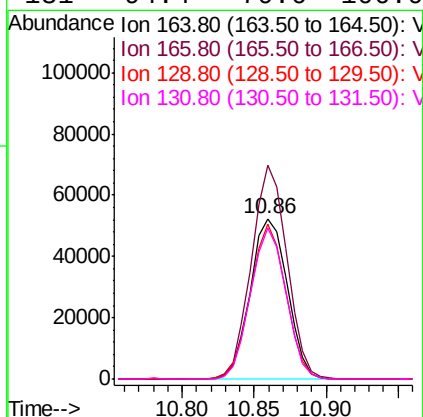
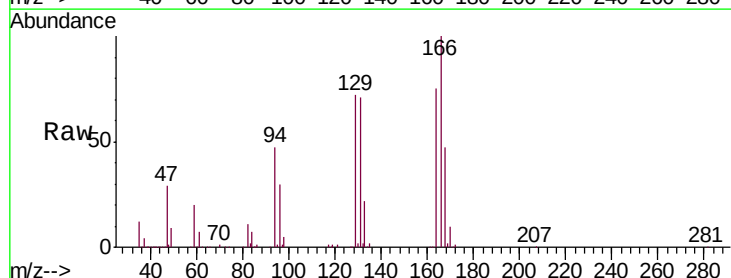
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

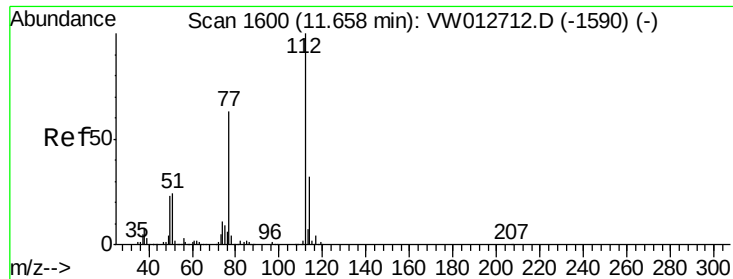
Tgt Ion:117 Resp: 302866
Ion Ratio Lower Upper
117 100
82 59.0 48.2 72.4
119 30.4 25.8 38.6



#64
Tetrachloroethene
Concen: 50.595 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion:164 Resp: 92980
Ion Ratio Lower Upper
164 100
166 133.1 103.6 155.4
129 96.4 74.6 112.0
131 94.4 70.6 106.0

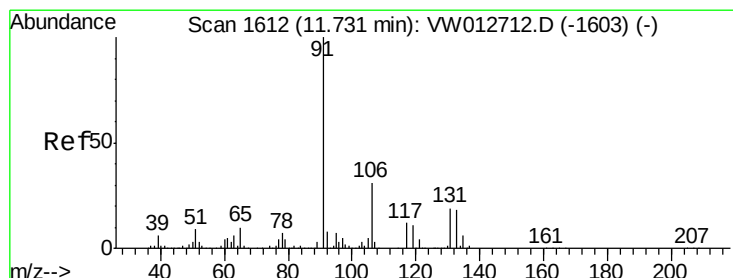
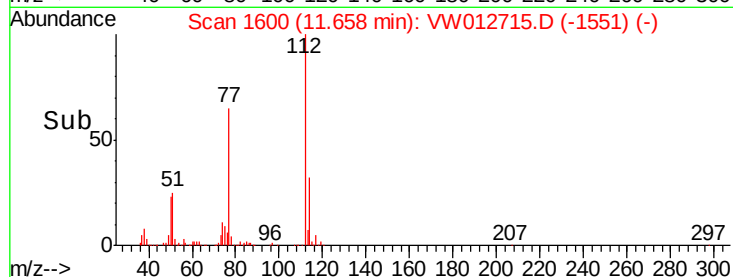
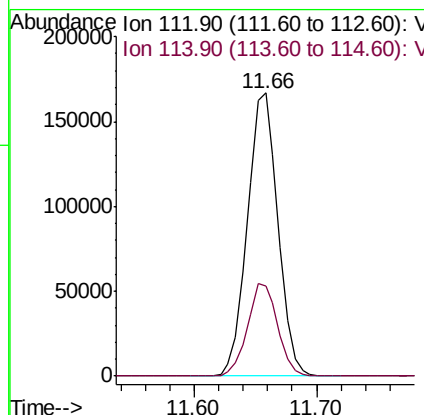
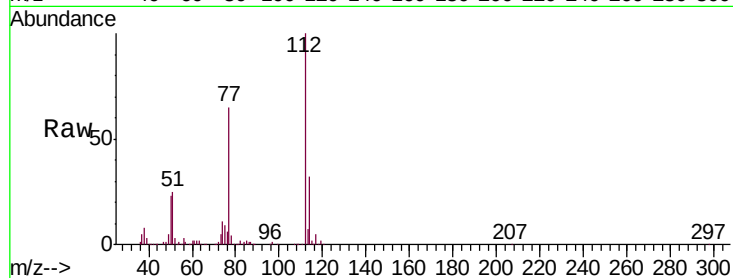




#65
Chlorobenzene
Concen: 50.525 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

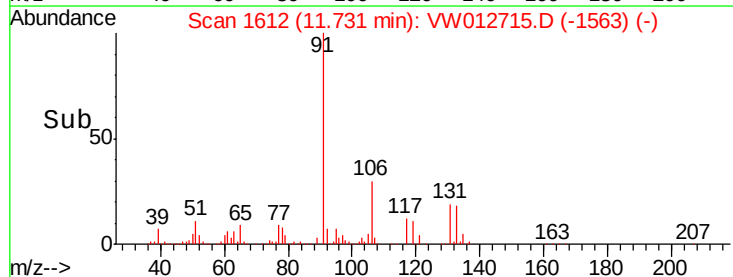
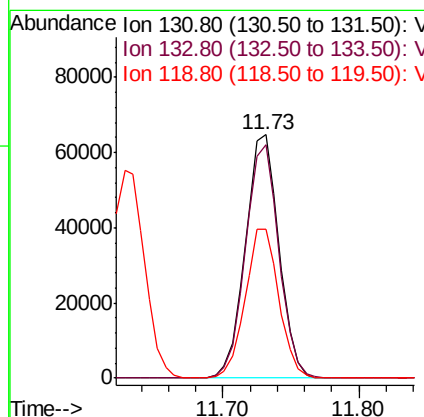
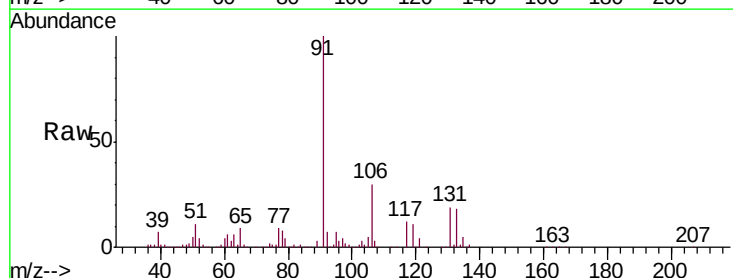
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

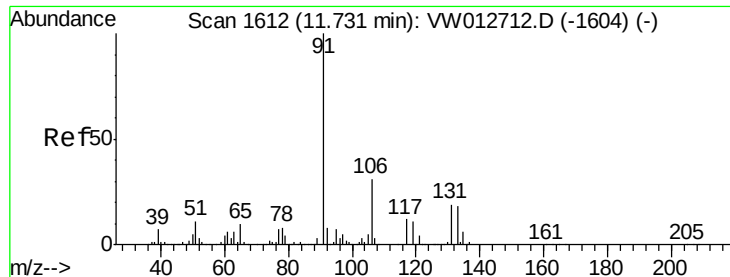
Tgt Ion:112 Resp: 289222
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.340 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion:131 Resp: 111575
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 61.5 30.6 92.0

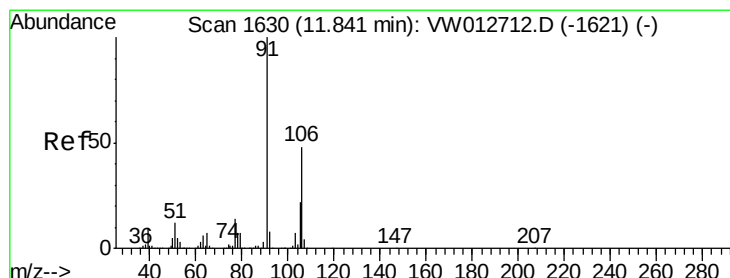
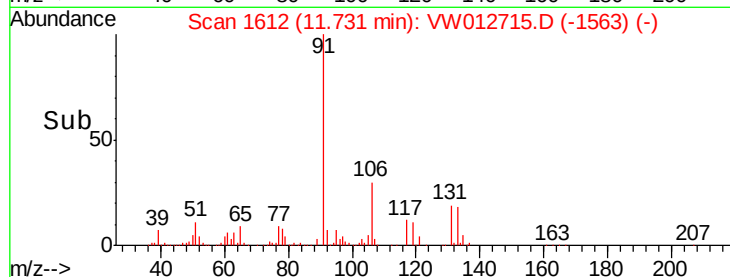
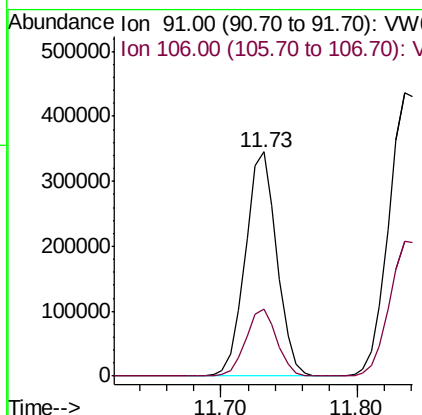
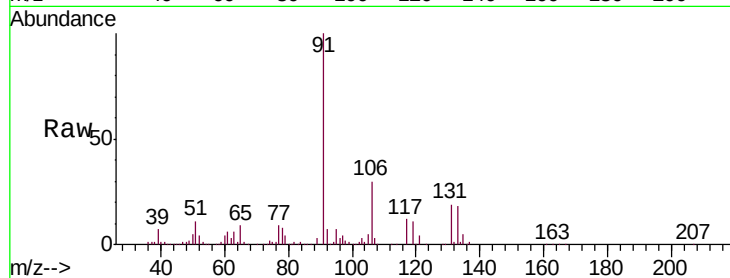




#67
Ethyl Benzene
Concen: 51.989 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

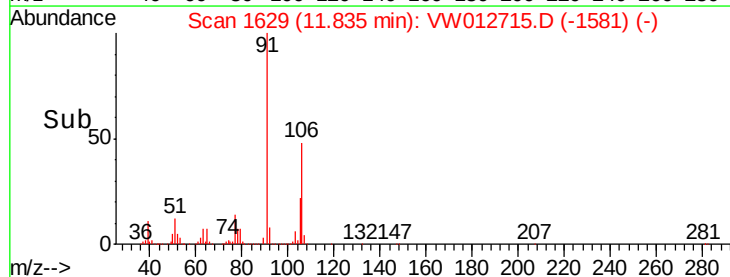
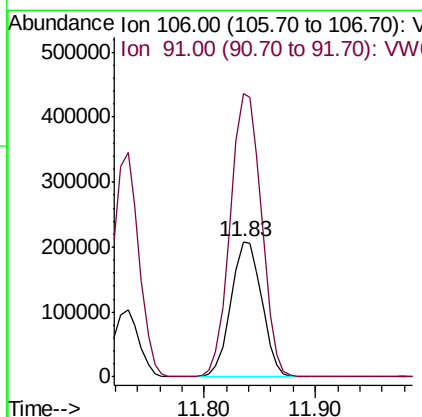
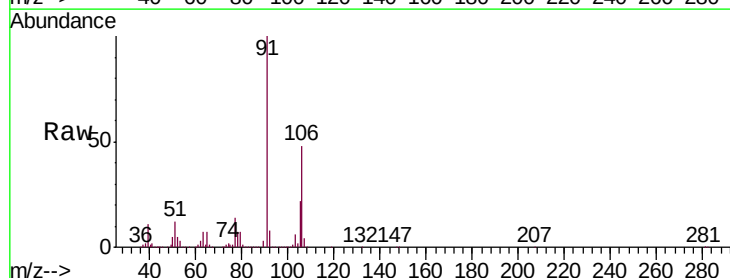
Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

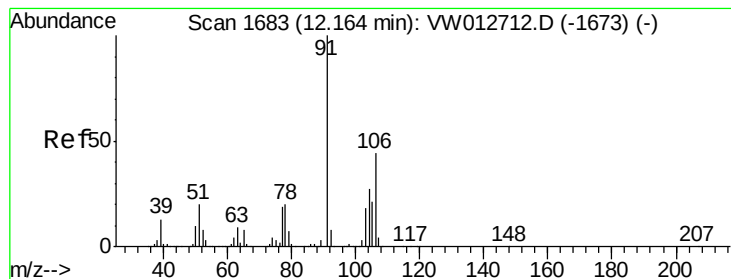
Tgt Ion: 91 Resp: 558369
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6



#68
m/p-Xylenes
Concen: 102.734 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion: 106 Resp: 398268
Ion Ratio Lower Upper
106 100
91 211.6 168.2 252.4





#69

o-Xylene

Concen: 52.364 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

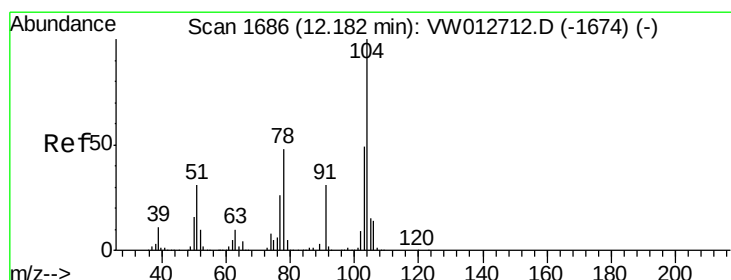
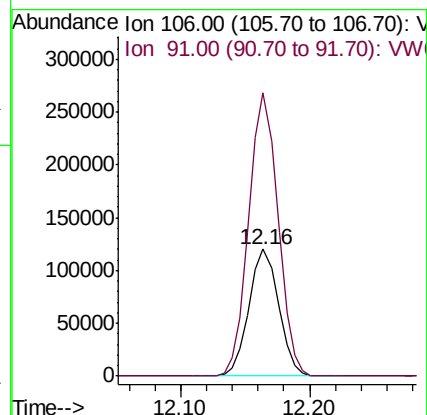
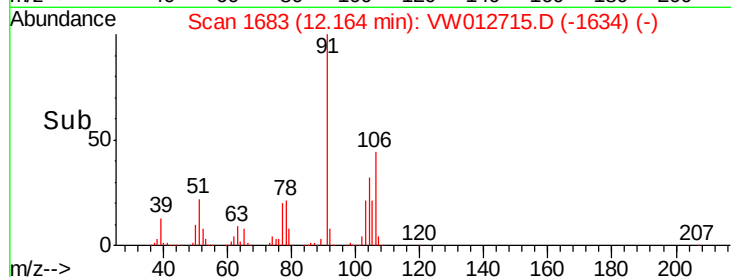
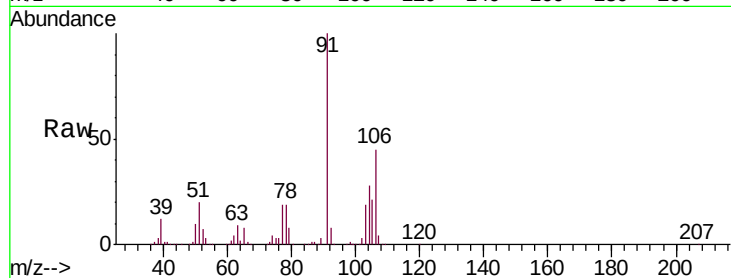
ICVW090719

Tgt Ion:106 Resp: 191515

Ion Ratio Lower Upper

106 100

91 220.3 112.3 336.8



#70

Styrene

Concen: 52.479 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

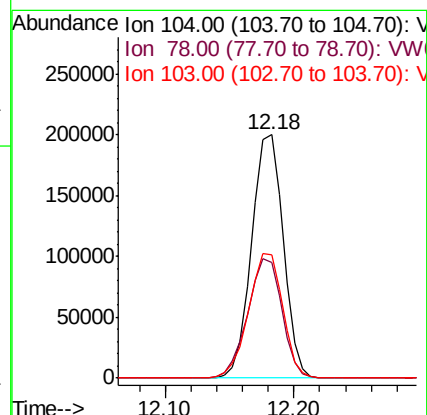
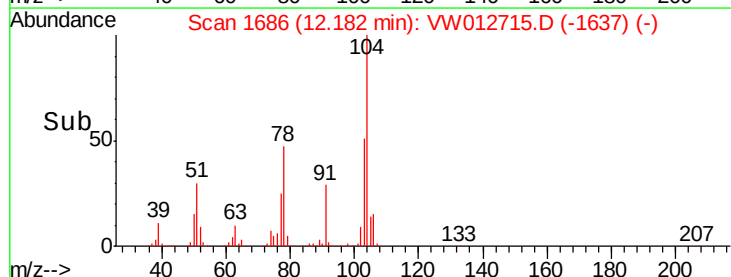
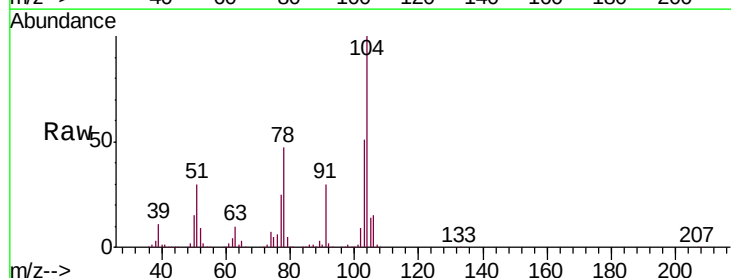
Tgt Ion:104 Resp: 339162

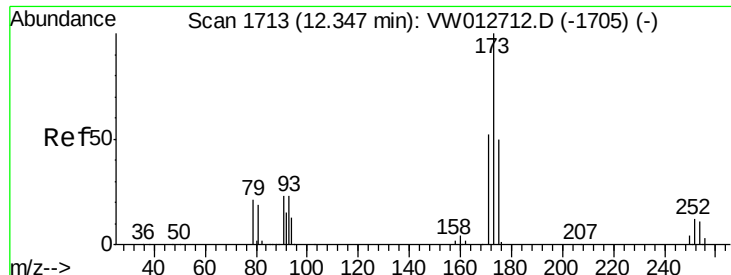
Ion Ratio Lower Upper

104 100

78 53.3 43.3 64.9

103 55.1 44.0 66.0

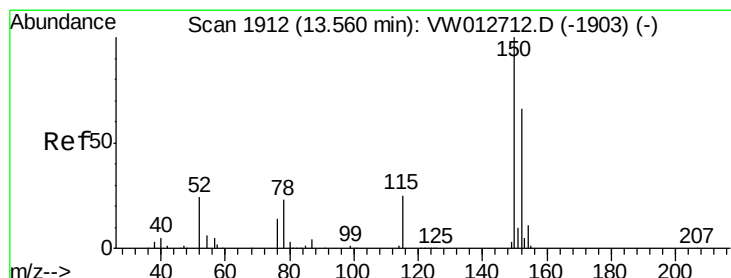
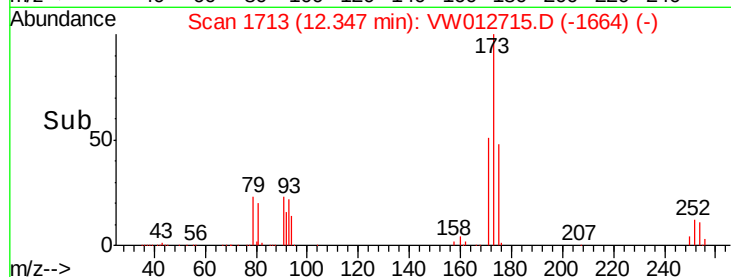
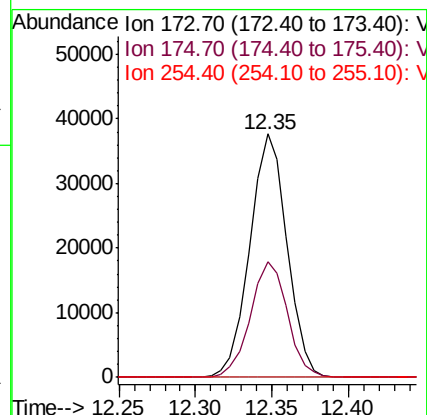
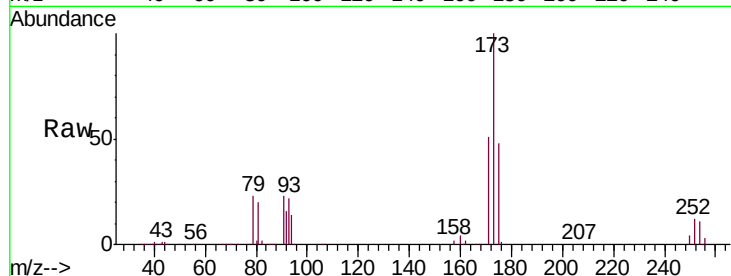




#71
 Bromoform
 Concen: 53.634 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

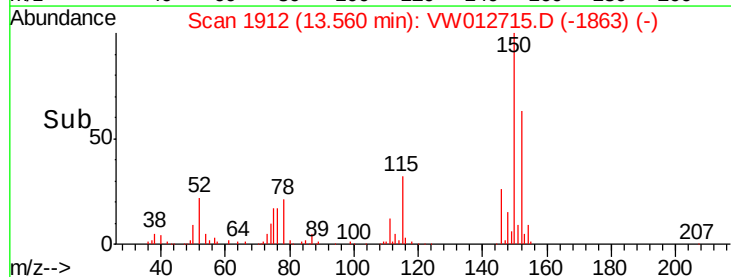
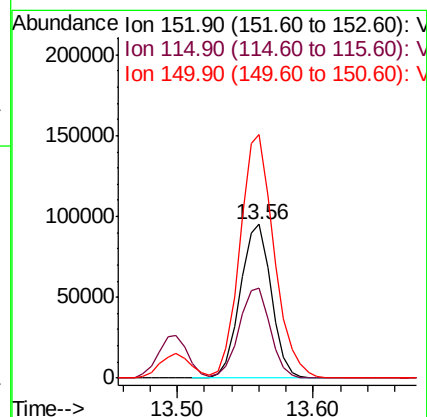
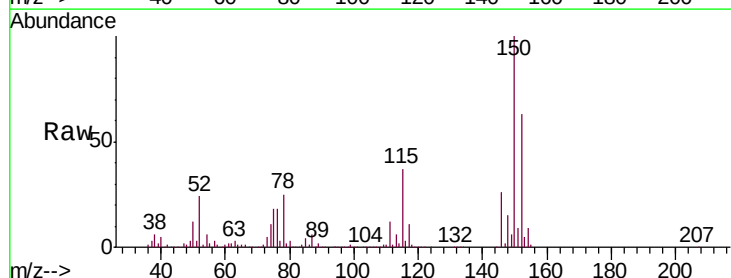
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

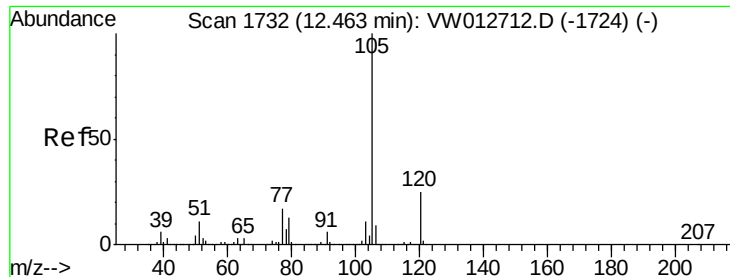
Tgt Ion:173 Resp: 63522
 Ion Ratio Lower Upper
 173 100
 175 47.3 24.8 74.3
 254 0.1 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion:152 Resp: 151078
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.0 90.1
 150 174.4 0.0 349.0





#73

Isopropylbenzene

Concen: 50.841 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

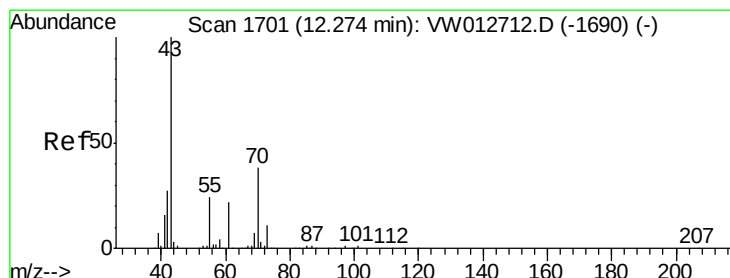
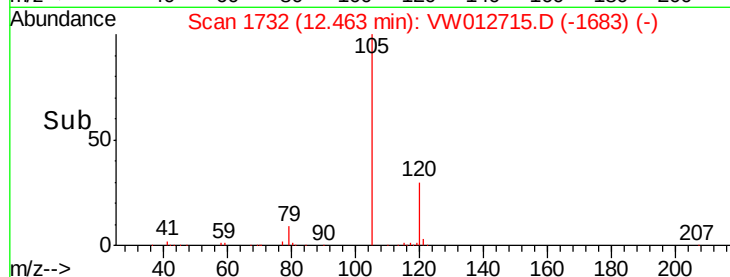
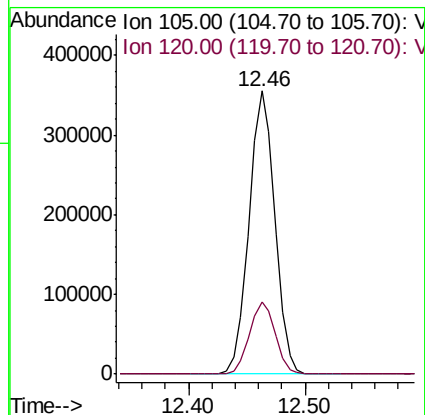
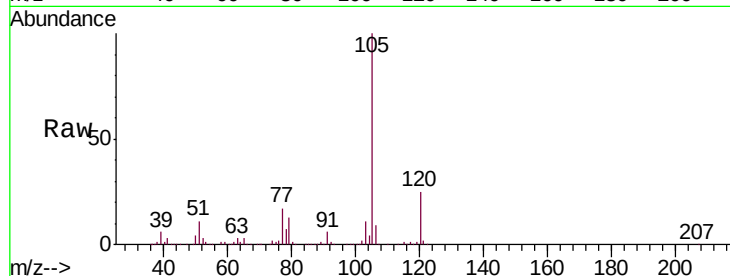
ICVW090719

Tgt Ion: 105 Resp: 550904

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



#74

N-ethyl acetate

Concen: 52.367 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Tgt Ion: 43 Resp: 180112

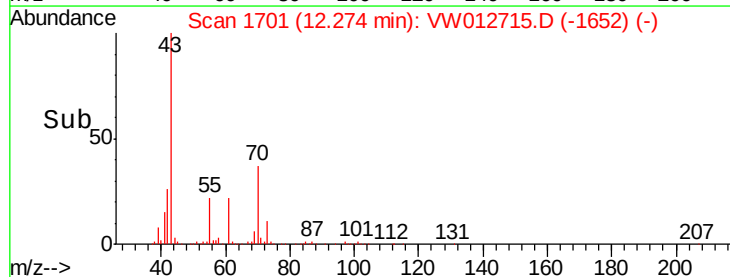
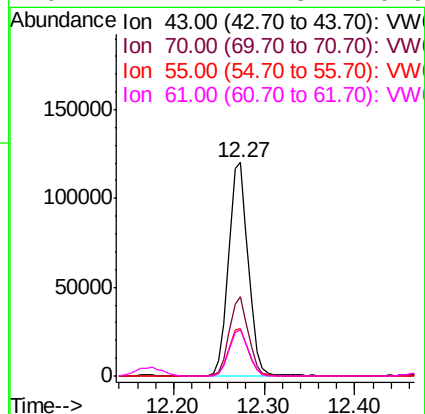
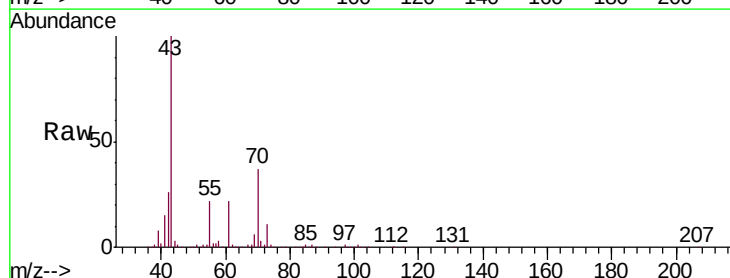
Ion Ratio Lower Upper

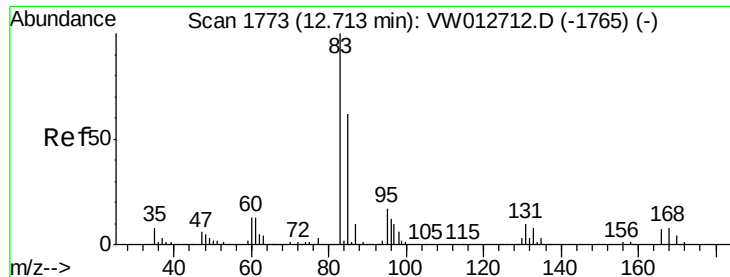
43 100

70 36.3 29.4 44.0

55 22.7 18.6 27.8

61 21.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.406 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

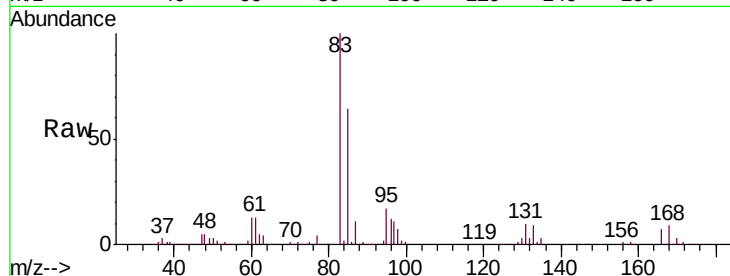
Tgt Ion: 83 Resp: 107514

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

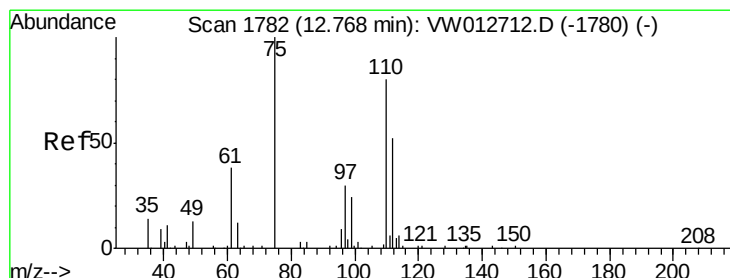
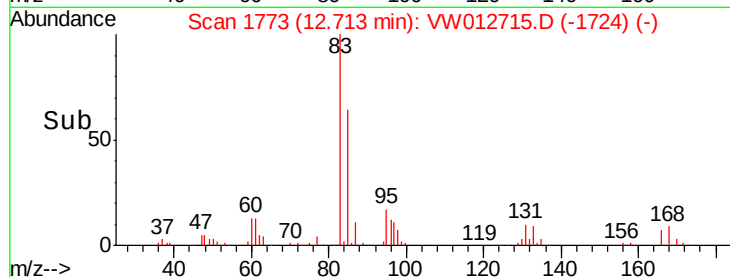
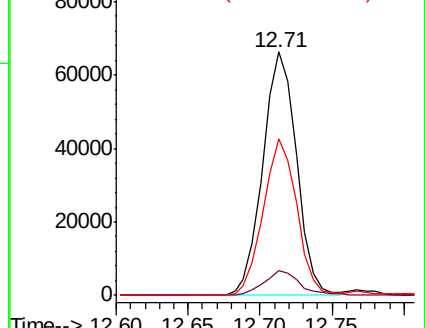
85 63.8 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 96.583 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012715.D

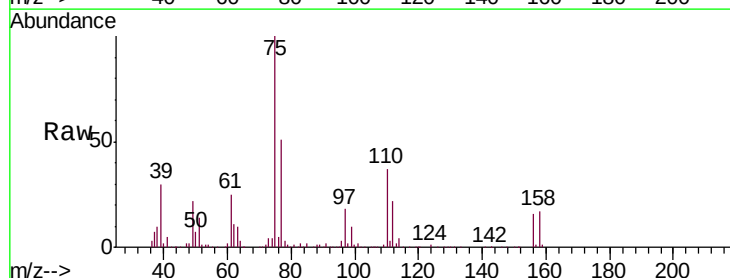
Acq: 07 Sep 2019 12:34

Tgt Ion: 75 Resp: 149206

Ion Ratio Lower Upper

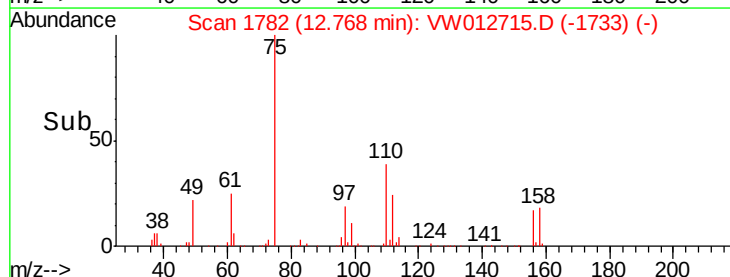
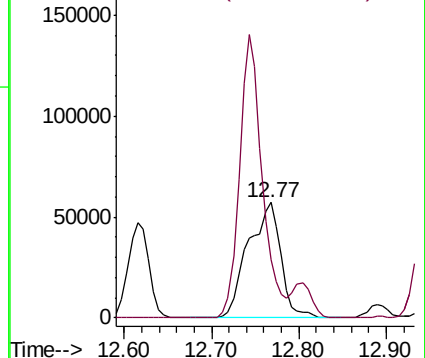
75 100

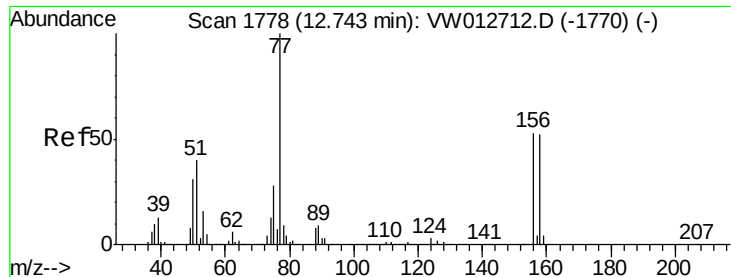
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.234 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

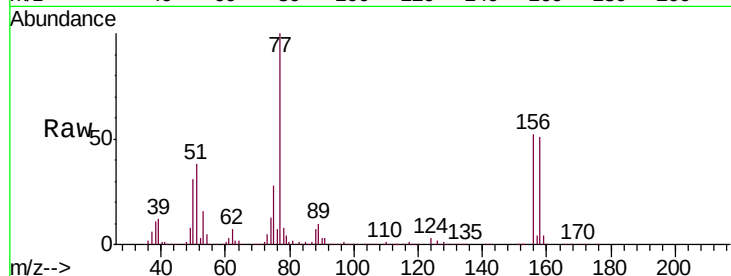
Tgt Ion:156 Resp: 123322

Ion Ratio Lower Upper

156 100

77 206.0 102.3 306.9

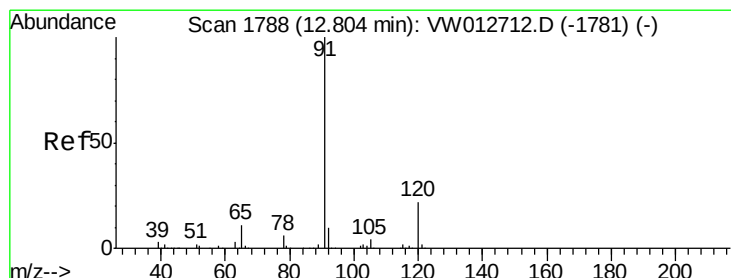
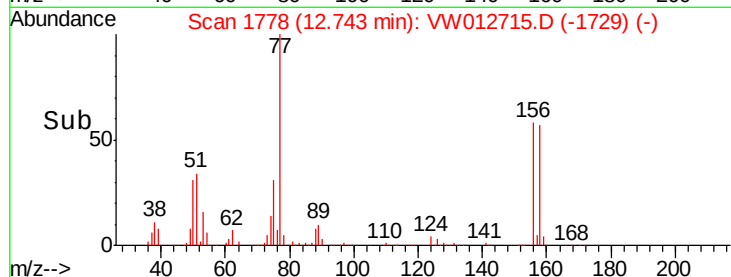
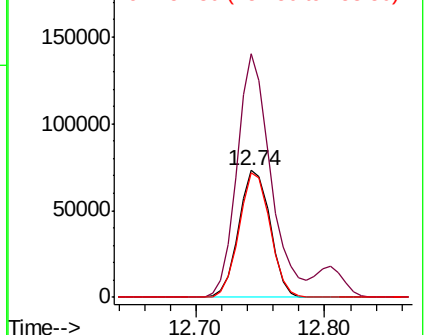
158 96.7 48.9 146.8



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: 51.218 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012715.D

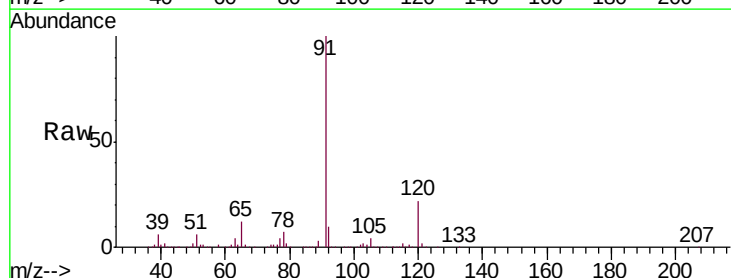
Acq: 07 Sep 2019 12:34

Tgt Ion: 91 Resp: 663758

Ion Ratio Lower Upper

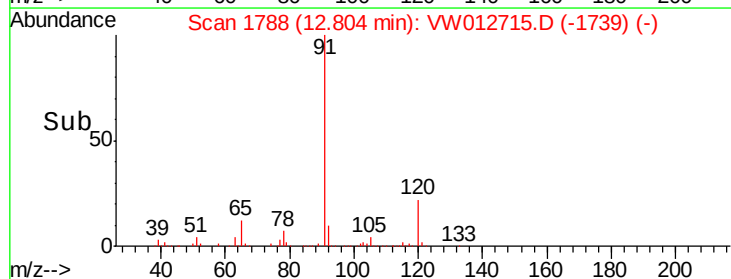
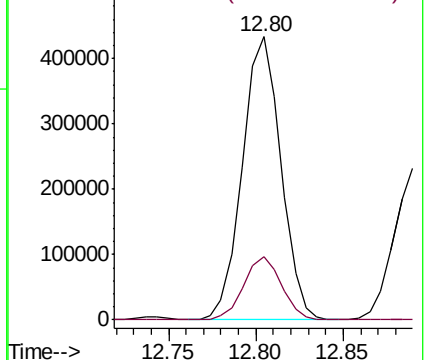
91 100

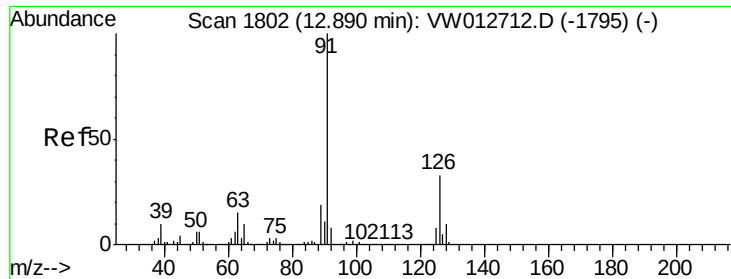
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.379 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

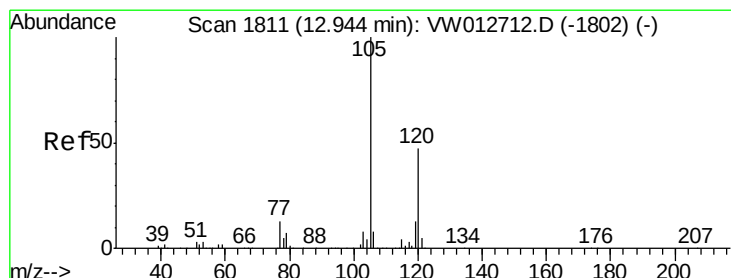
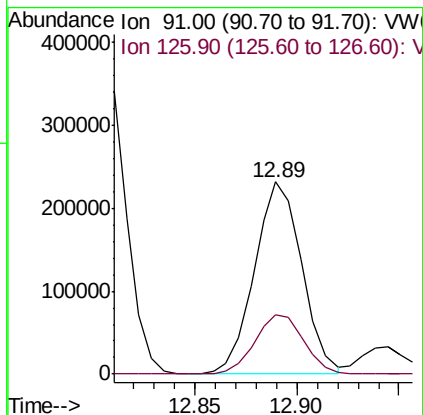
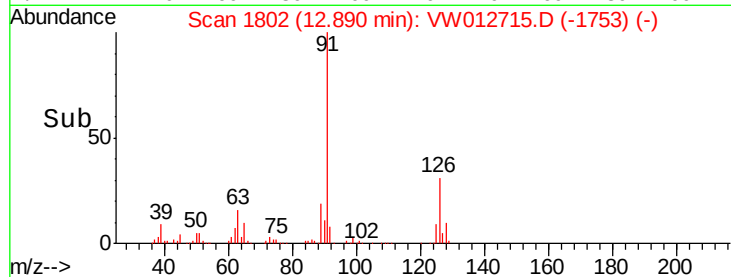
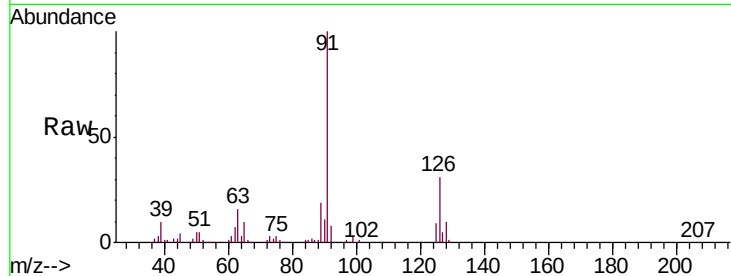
ICVW090719

Tgt Ion: 91 Resp: 374808

Ion Ratio Lower Upper

91 100

126 31.7 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 49.831 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012715.D

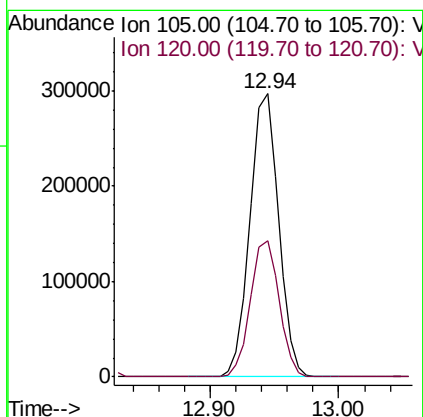
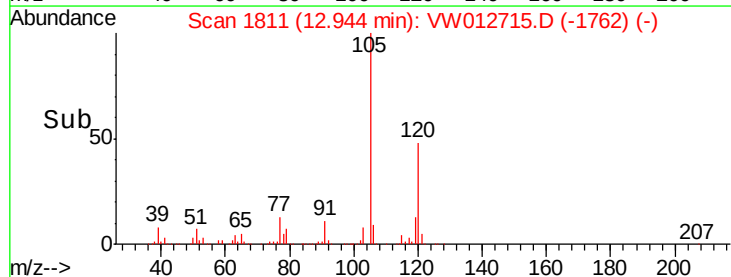
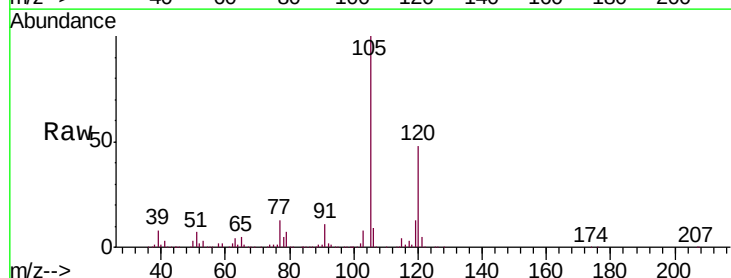
Acq: 07 Sep 2019 12:34

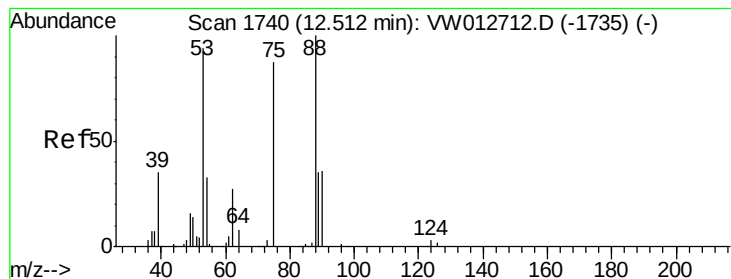
Tgt Ion: 105 Resp: 454985

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.019 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

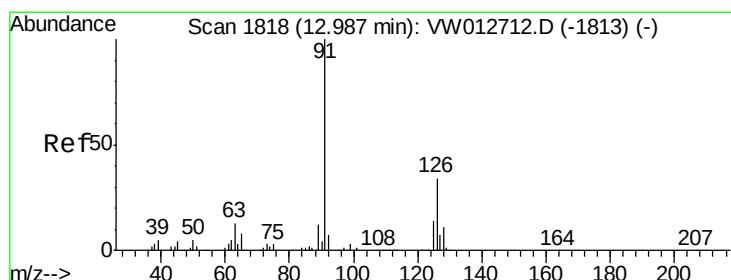
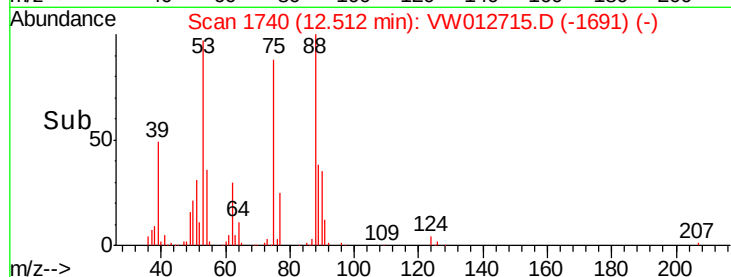
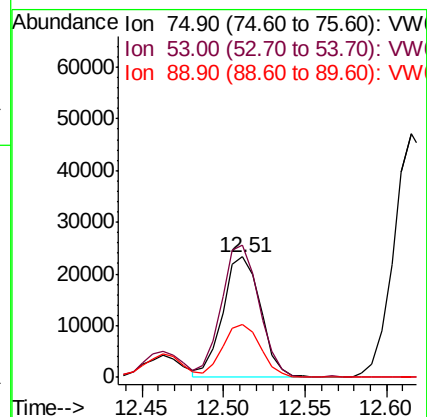
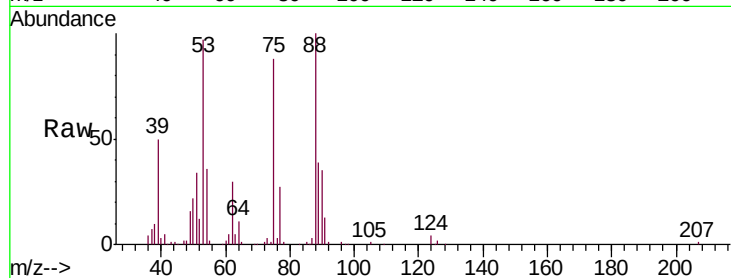
Tgt Ion: 75 Resp: 37264

Ion Ratio Lower Upper

75 100

53 112.0 87.6 131.4

89 44.1 35.5 53.3



#82

4-Chlorotoluene

Concen: 50.486 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012715.D

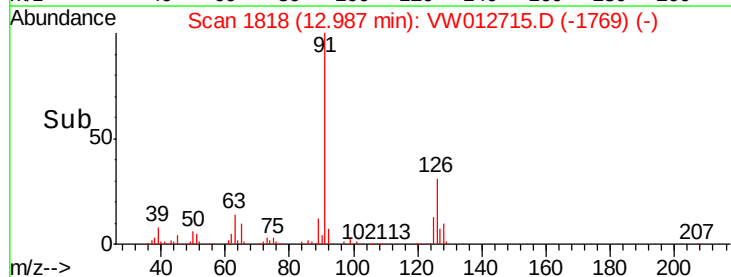
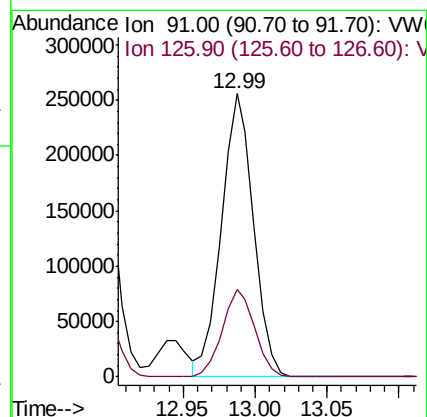
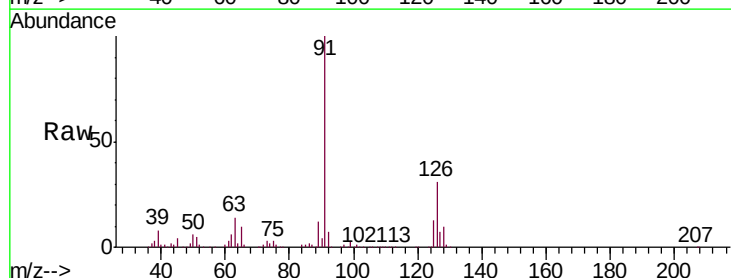
Acq: 07 Sep 2019 12:34

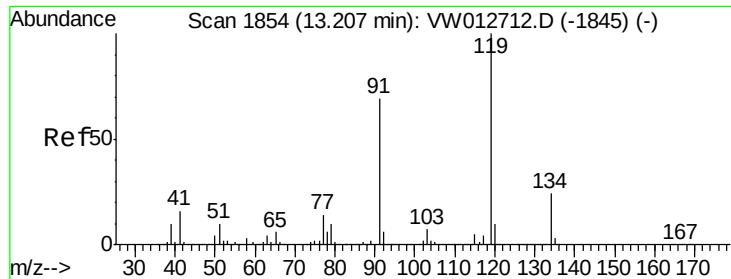
Tgt Ion: 91 Resp: 397295

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.6





#83

tert-Butylbenzene

Concen: 50.665 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

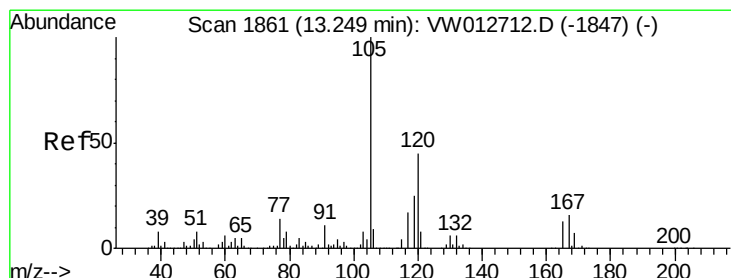
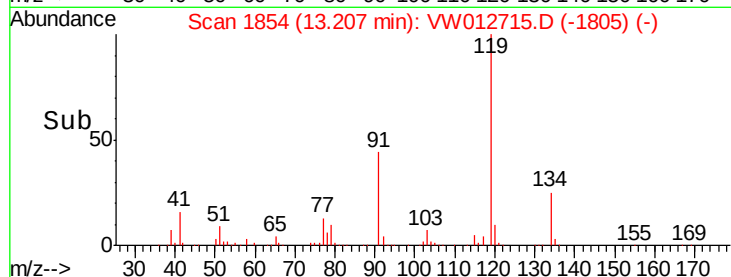
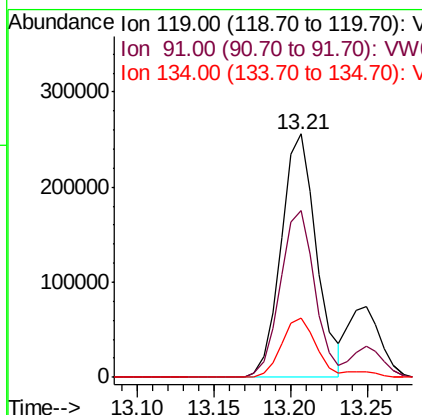
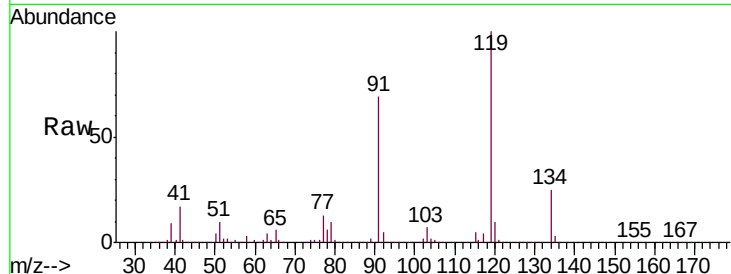
Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

Tgt Ion:119 Resp: 409038

Ion	Ratio	Lower	Upper
119	100		
91	67.5	34.2	102.5
134	24.4	12.3	36.9



#84

1,2,4-Trimethylbenzene

Concen: 50.032 ug/l

RT: 13.25 min Scan# 1861

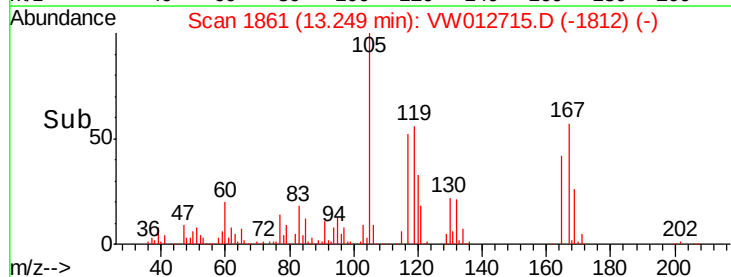
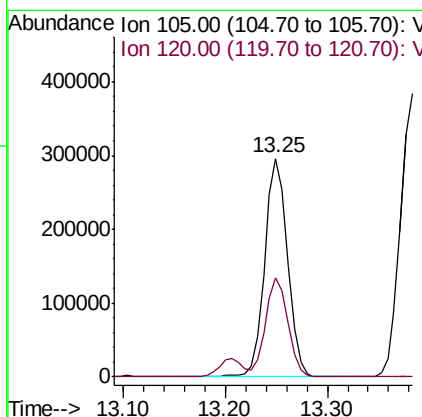
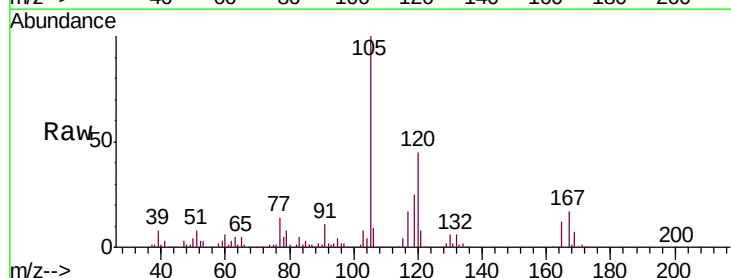
Delta R.T. -0.00 min

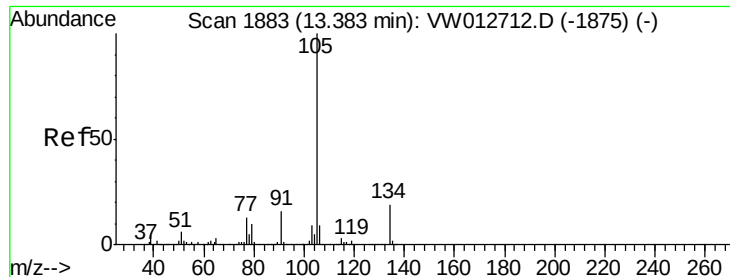
Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Tgt Ion:105 Resp: 460312

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.3





#85

sec-Butylbenzene

Concen: 51.131 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

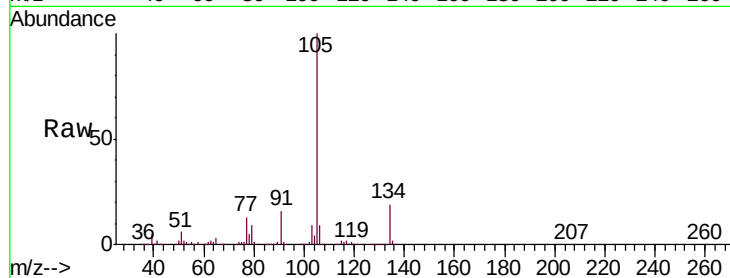
ICVW090719

Tgt Ion:105 Resp: 572820

Ion Ratio Lower Upper

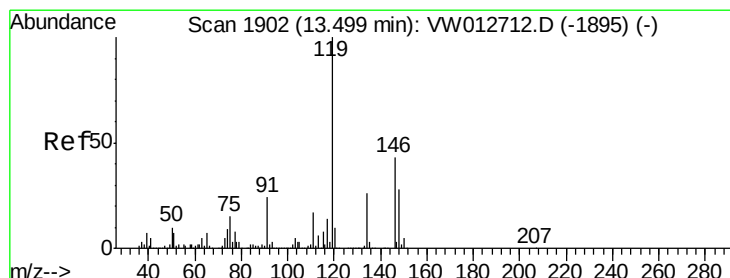
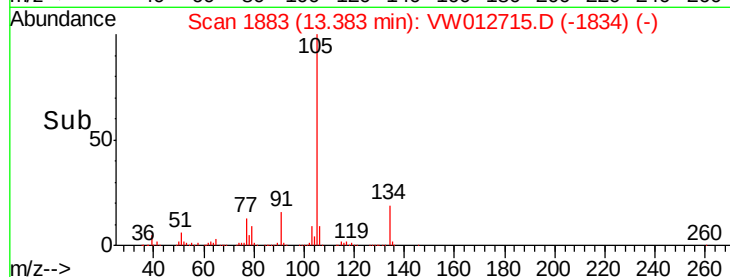
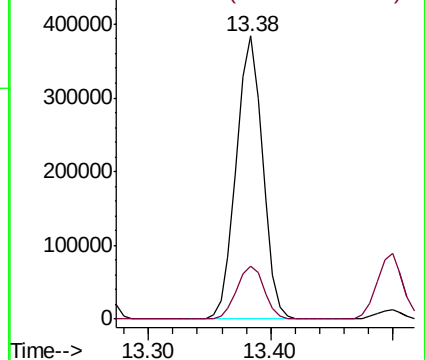
105 100

134 19.5 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.927 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

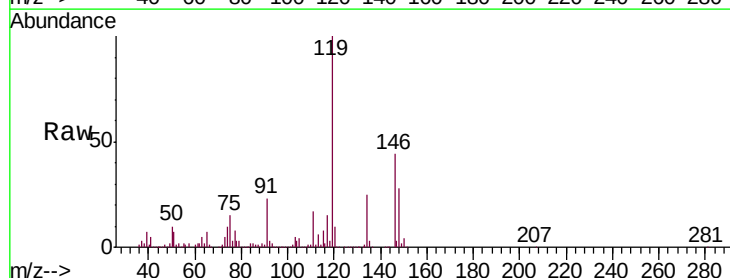
Tgt Ion:119 Resp: 521136

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

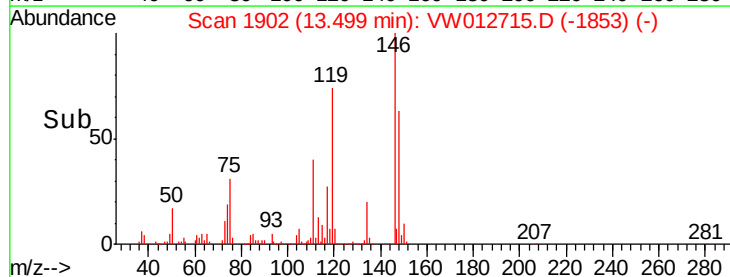
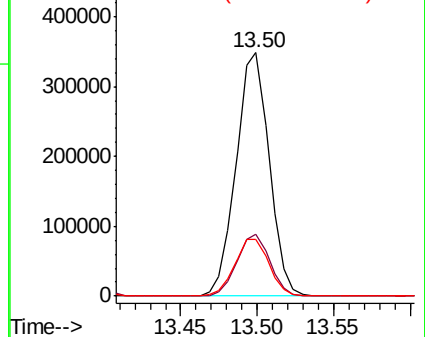
91 24.1 12.2 36.6

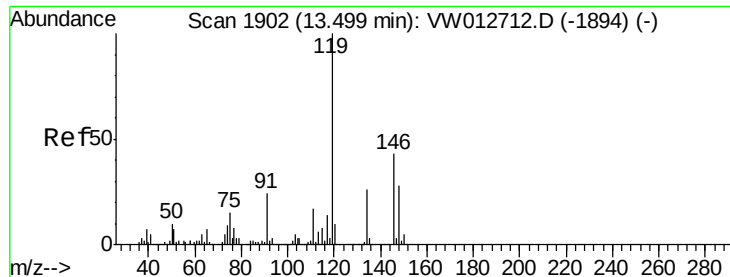


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

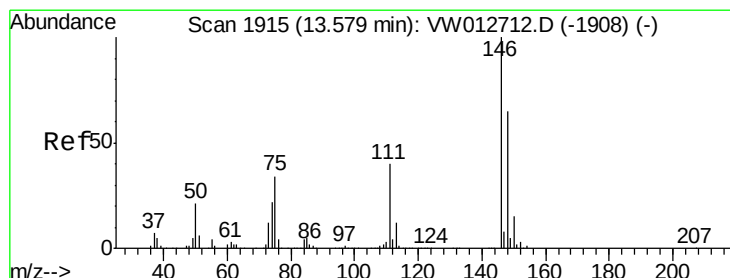
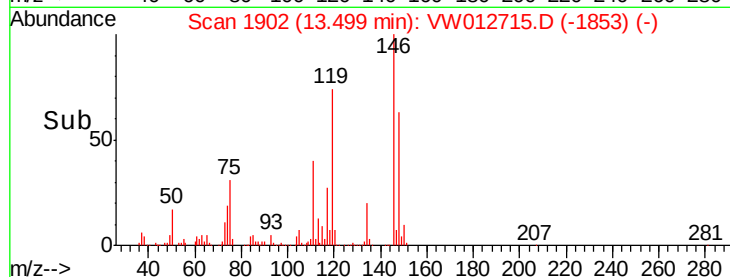
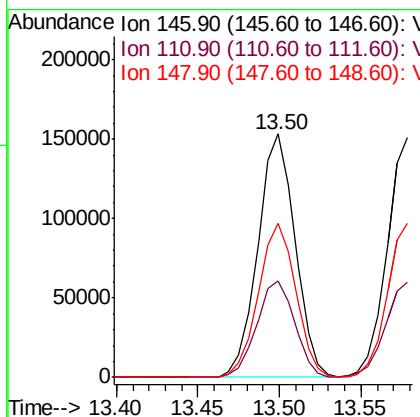
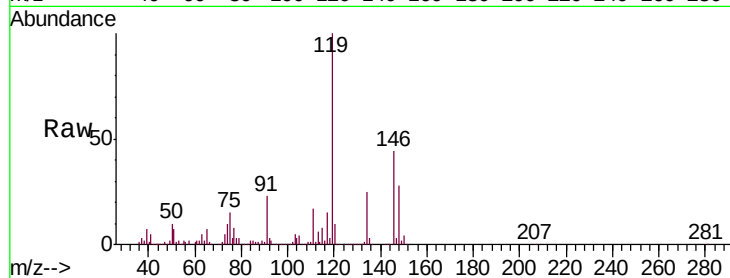




#87
 1,3-Dichlorobenzene
 Concen: 50.169 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

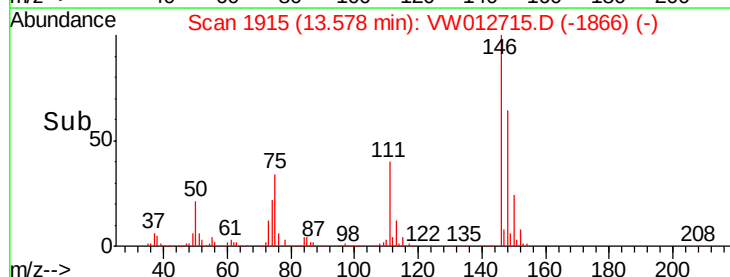
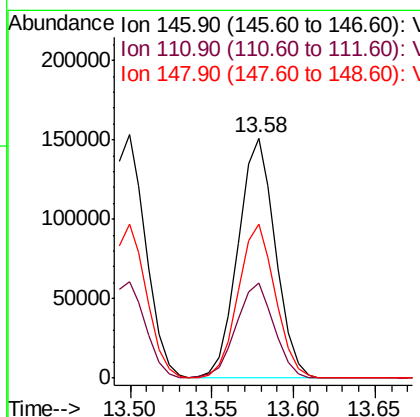
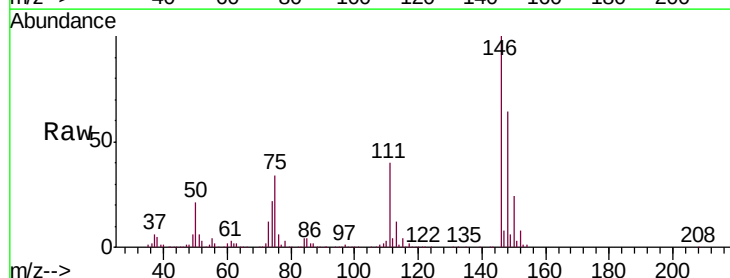
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

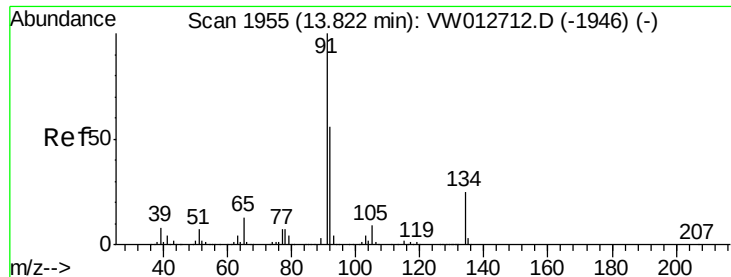
Tgt Ion:146 Resp: 242082
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.2
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.048 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion:146 Resp: 240305
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 51.616 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012715.D

Acq: 07 Sep 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

ICVW090719

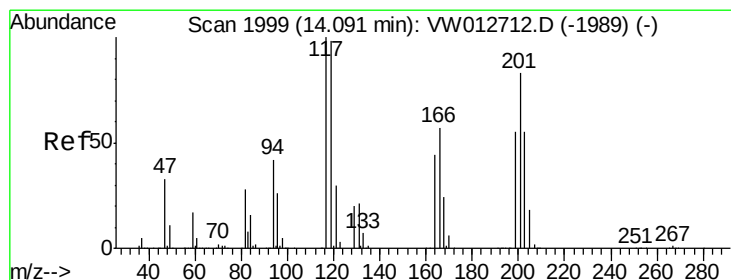
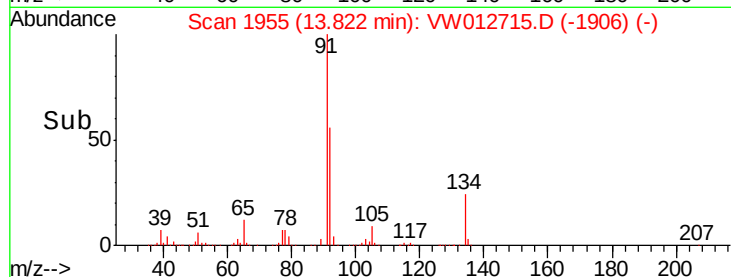
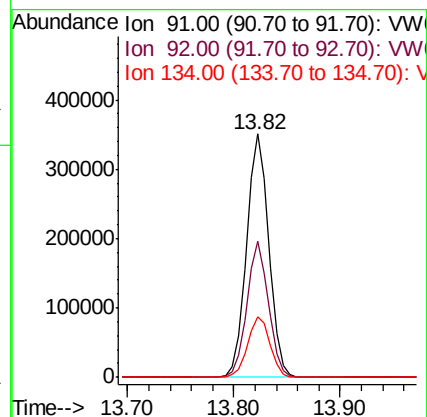
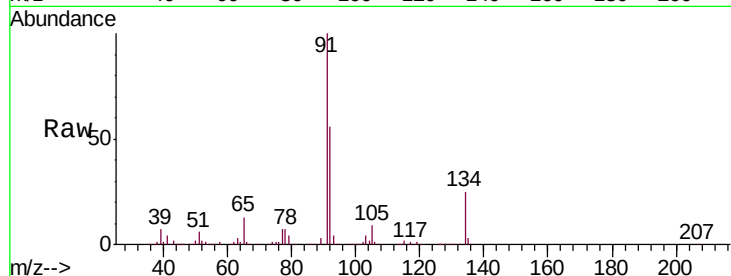
Tgt Ion: 91 Resp: 512772

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

134 25.0 12.7 38.1



#90

Hexachloroethane

Concen: 52.095 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012715.D

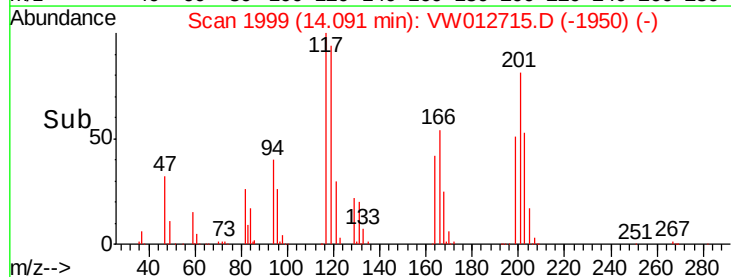
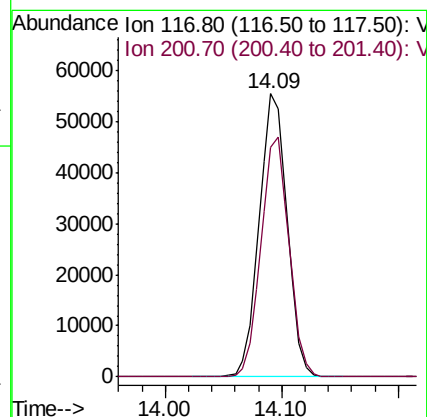
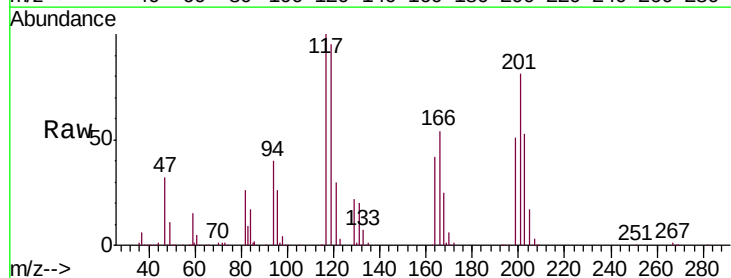
Acq: 07 Sep 2019 12:34

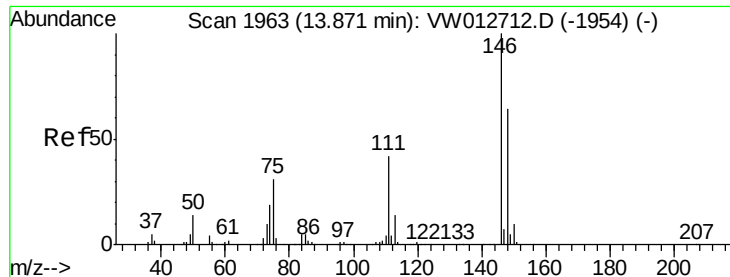
Tgt Ion: 117 Resp: 93062

Ion Ratio Lower Upper

117 100

201 84.9 42.8 128.4

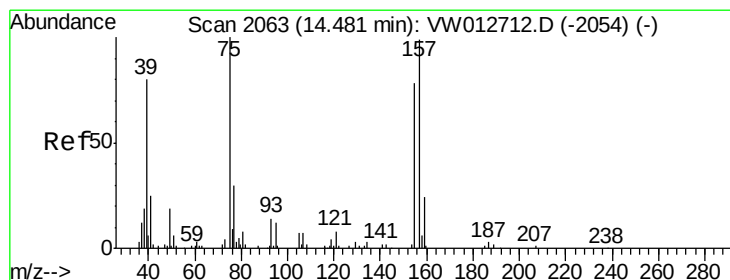
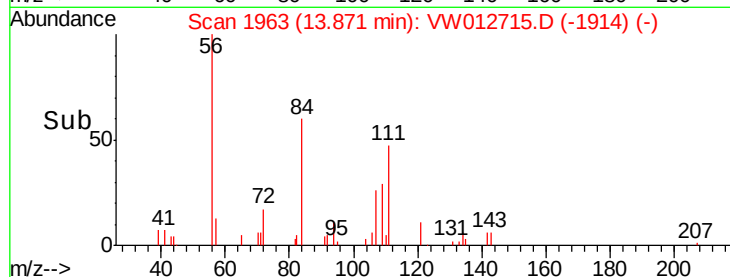
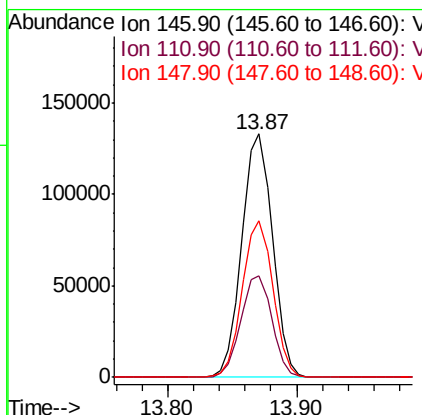
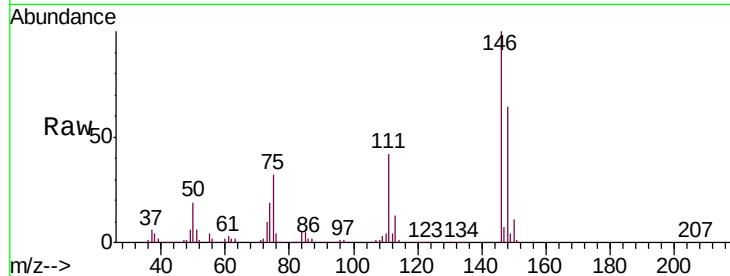




#91
 1,2-Dichlorobenzene
 Concen: 50.557 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

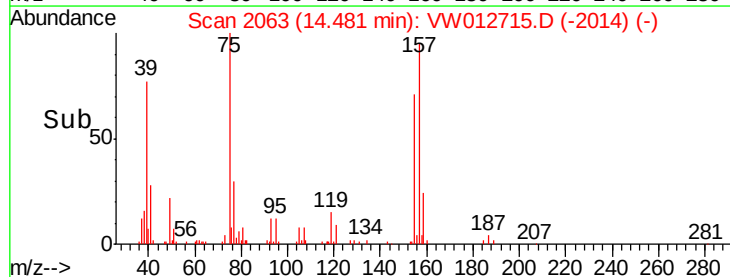
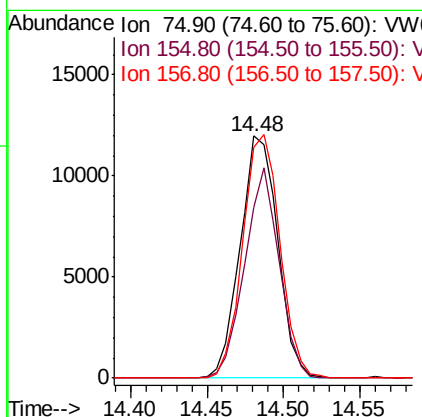
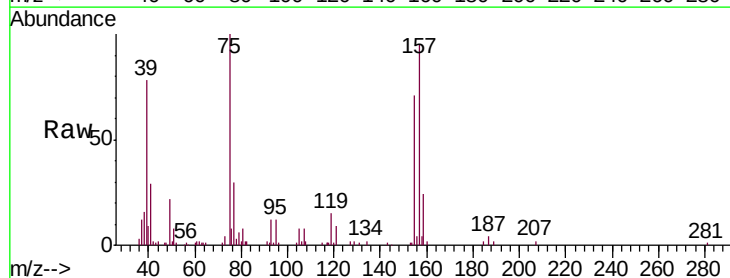
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

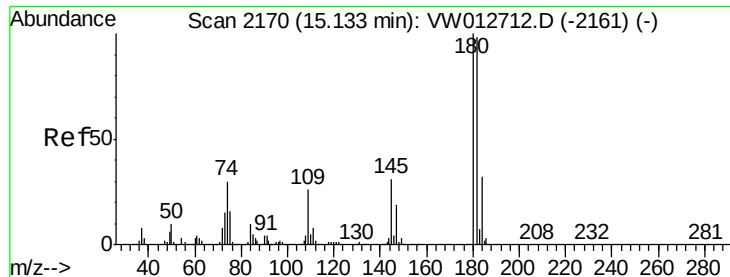
Tgt Ion: 146 Resp: 219574
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.9
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.353 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion: 75 Resp: 20451
 Ion Ratio Lower Upper
 75 100
 155 79.4 40.6 122.0
 157 99.4 52.5 157.5

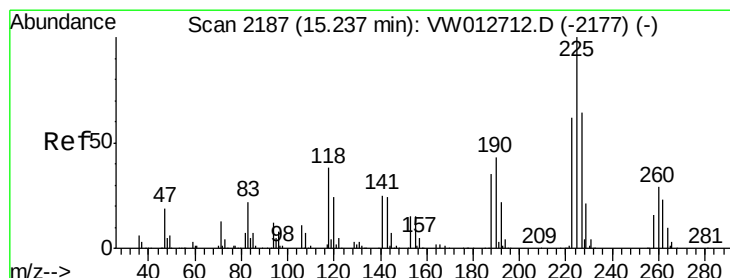
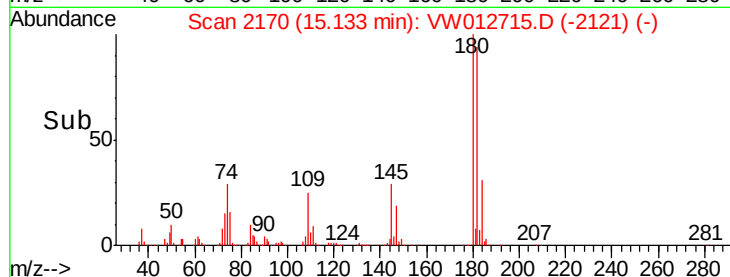
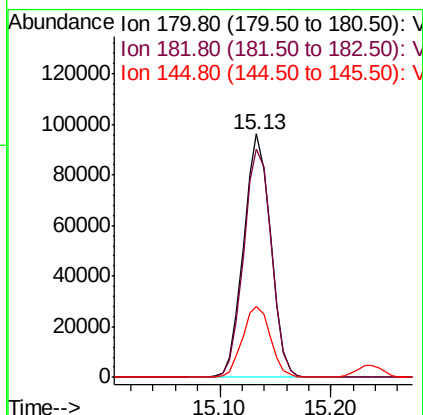
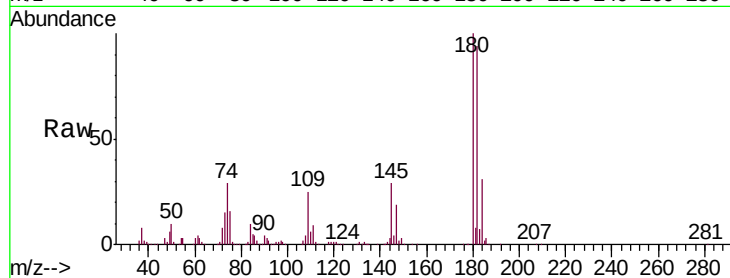




#93
 1,2,4-Trichlorobenzene
 Concen: 53.844 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

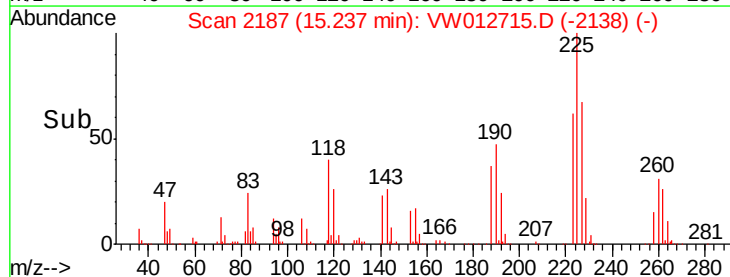
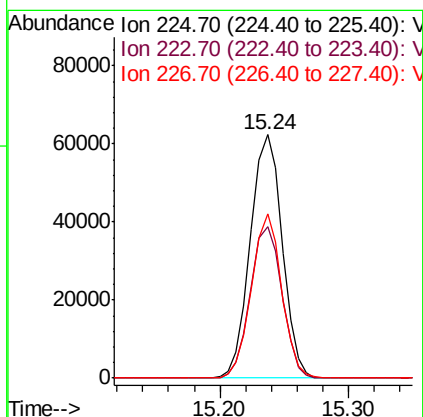
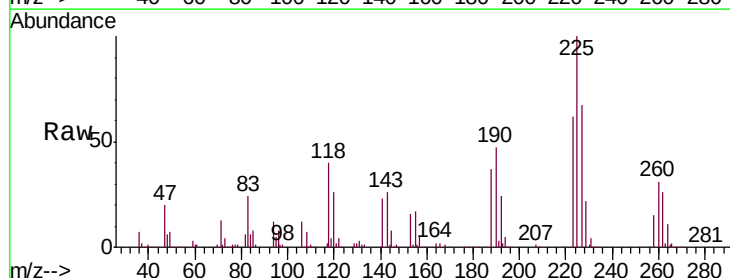
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090719

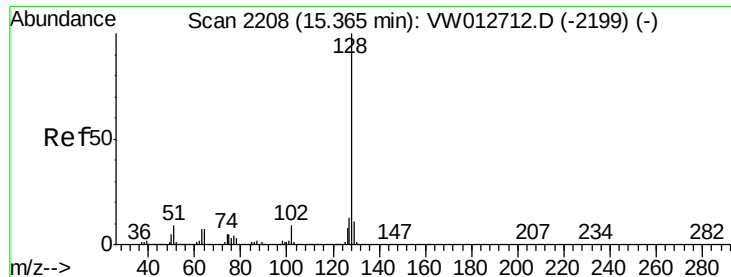
Tgt Ion:180 Resp: 162812
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.7 146.1
 145 30.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 50.888 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012715.D
 Acq: 07 Sep 2019 12:34

Tgt Ion:225 Resp: 106506
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.3
 227 63.8 31.4 94.2

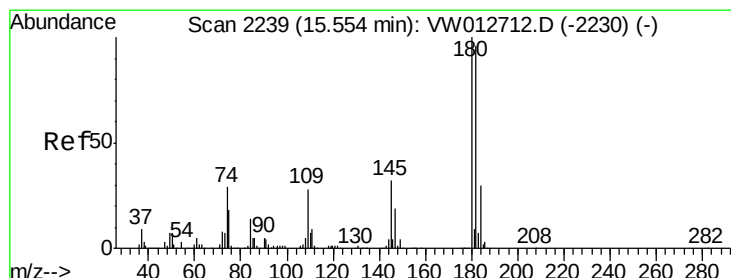
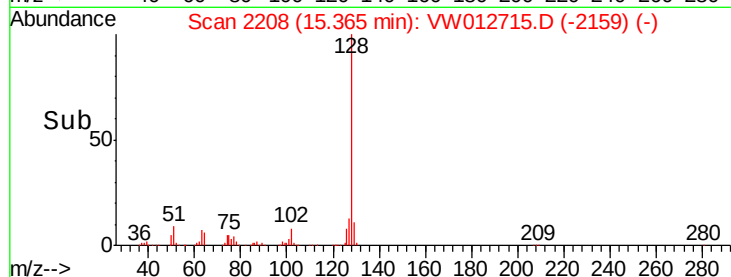
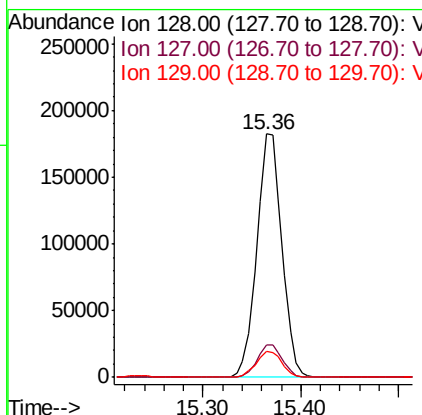
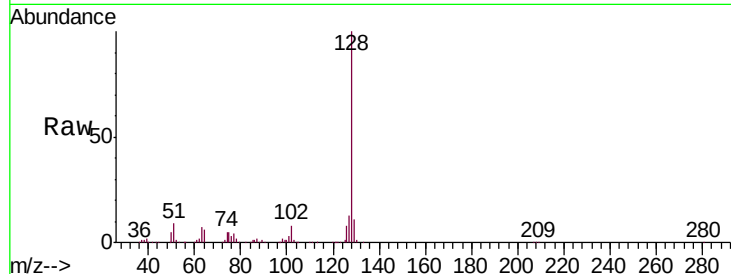




#95
Naphthalene
Concen: 50.939 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
ICVW090719

Tgt Ion:128 Resp: 323451
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.983 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW012715.D
Acq: 07 Sep 2019 12:34

Tgt Ion:180 Resp: 144083
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 31.4 15.4 46.2

