

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011048.D
 Acq On : 28 Jun 2019 06:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 08:36:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	311058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	135977	60.08	ug/l	0.00
Spiked Amount			Recovery	=	120.16%	
35) Dibromofluoromethane	7.88	113	99237	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	10.32	98	394178	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.61	95	145743	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	50758	38.894	ug/l	97
3) Chloromethane	2.21	50	83141	47.523	ug/l	96
4) Vinyl Chloride	2.35	62	98959	43.443	ug/l	98
5) Bromomethane	2.76	94	53626	47.296	ug/l	99
6) Chloroethane	2.91	64	56910	47.387	ug/l	99
7) Trichlorofluoromethane	3.24	101	25460	38.034	ug/l	88
8) Diethyl Ether	3.67	74	61610	58.115	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	82744	43.951	ug/l	100
10) Methyl Iodide	4.26	142	133862	50.821	ug/l	99
11) Tert butyl alcohol	5.17	59	45602	277.443	ug/l	98
12) 1,1-Dichloroethene	4.04	96	89566	45.705	ug/l	94
13) Acrolein	3.88	56	17209	134.264	ug/l	98
14) Allyl chloride	4.65	41	149492	47.397	ug/l	99
15) Acrylonitrile	5.35	53	162937	312.106	ug/l	100
16) Acetone	4.12	43	148862	269.476	ug/l	98
17) Carbon Disulfide	4.38	76	251400	45.220	ug/l	100
18) Methyl Acetate	4.66	43	94670	66.159	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	166739	60.116	ug/l	95
20) Methylene Chloride	4.92	84	115058	51.263	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	100108	49.575	ug/l	99
22) Diisopropyl ether	6.31	45	432141	56.936	ug/l	96
23) Vinyl Acetate	6.24	43	1241111	265.388	ug/l	99
24) 1,1-Dichloroethane	6.21	63	209971	52.410	ug/l	100
25) 2-Butanone	7.16	43	257363	306.498	ug/l	100
26) 2,2-Dichloropropane	7.16	77	74540	35.835	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	117988	54.267	ug/l	96
28) Bromochloromethane	7.51	49	103659	55.580	ug/l	99
29) Tetrahydrofuran	7.52	42	170913	326.973	ug/l	99
30) Chloroform	7.67	83	197464	54.253	ug/l	96
31) Cyclohexane	7.95	56	183149	42.308	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	133518	49.091	ug/l	99
36) 1,1-Dichloropropene	8.08	75	144928	43.349	ug/l	100
37) Ethyl Acetate	7.25	43	110960	57.050	ug/l	97
38) Carbon Tetrachloride	8.06	117	118743	43.128	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	168136	40.864	ug/l	99
40) Benzene	8.32	78	447334	48.647	ug/l	100
41) Methacrylonitrile	7.48	41	63357	53.542	ug/l	95
42) 1,2-Dichloroethane	8.40	62	159835	53.012	ug/l	100
43) Isopropyl Acetate	8.42	43	211992	57.617	ug/l	99
44) Trichloroethene	9.09	130	104491	47.018	ug/l	94
45) 1,2-Dichloropropane	9.37	63	128659	51.523	ug/l	98
46) Dibromomethane	9.46	93	62796	53.770	ug/l	99
47) Bromodichloromethane	9.64	83	151325	52.335	ug/l	99
48) Methyl methacrylate	9.43	41	103192	57.843	ug/l	97
49) 1,4-Dioxane	9.44	88	22983	1170.434	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	575922	297.362	ug/l	100
52) Toluene	10.38	92	275507	48.937	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	151858	50.422	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	179877	50.068	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	89122	54.014	ug/l	98
56) Ethyl methacrylate	10.65	69	144238	58.378	ug/l	99
57) 1,3-Dichloropropane	10.93	76	169896	54.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	327531	261.997	ug/l	100
59) 2-Hexanone	10.97	43	401171	297.022	ug/l	100
60) Dibromochloromethane	11.13	129	94103	54.387	ug/l	99
61) 1,2-Dibromoethane	11.23	107	85163	55.134	ug/l	100
64) Tetrachloroethene	10.86	164	118361	59.104	ug/l	98
65) Chlorobenzene	11.66	112	285071	47.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	102325	50.595	ug/l	99
67) Ethyl Benzene	11.73	91	526431	46.142	ug/l	100
68) m/p-Xylenes	11.84	106	381543	92.163	ug/l	99
69) o-Xylene	12.16	106	184790	47.923	ug/l	99
70) Styrene	12.18	104	329870	49.230	ug/l	100
71) Bromoform	12.35	173	54042	54.812	ug/l #	100
73) Isopropylbenzene	12.46	105	490728	45.874	ug/l	99
74) N-amyl acetate	12.27	43	196754	54.767	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	112823	53.708	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	143030	94.876	ug/l #	100
77) Bromobenzene	12.75	156	117177	49.835	ug/l	100
78) n-propylbenzene	12.80	91	595745	44.972	ug/l	99
79) 2-Chlorotoluene	12.89	91	357351	47.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	426325	47.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	29043	41.730	ug/l	98
82) 4-Chlorotoluene	12.99	91	372208	47.193	ug/l	100
83) tert-Butylbenzene	13.21	119	343899	45.484	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	434247	47.384	ug/l	100
85) sec-Butylbenzene	13.38	105	492377	44.829	ug/l	100
86) p-Isopropyltoluene	13.50	119	444955	45.018	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	220504	47.409	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	222935	48.016	ug/l	98
89) n-Butylbenzene	13.82	91	432004	43.002	ug/l	100
90) Hexachloroethane	14.10	117	78942	46.679	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	208678	49.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20214	56.620	ug/l	98

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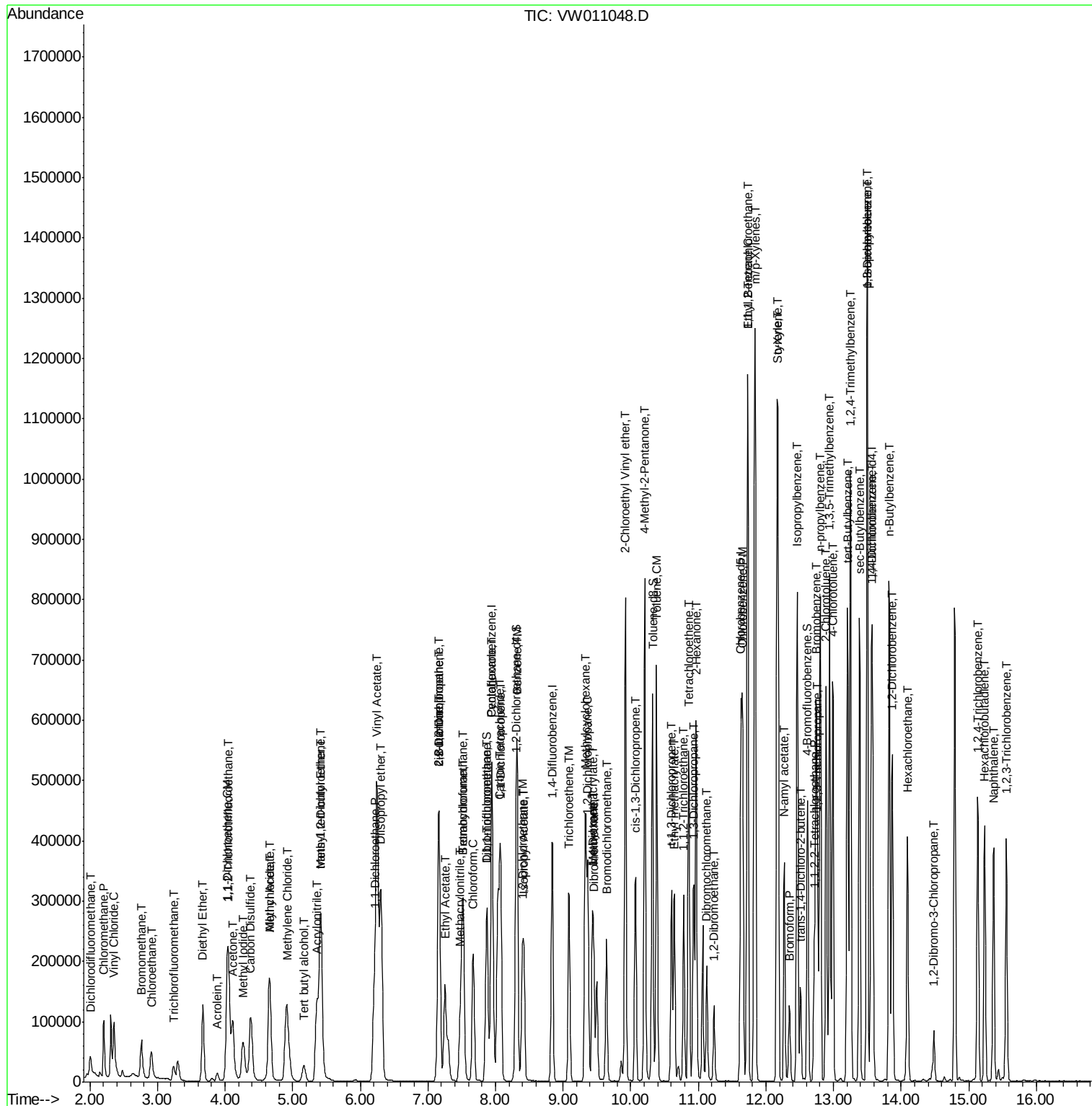
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	140716	47.877	ug/l	98
94) Hexachlorobutadiene	15.24	225	77588	43.524	ug/l	99
95) Naphthalene	15.37	128	317093	57.435	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	131291	50.026	ug/l	99

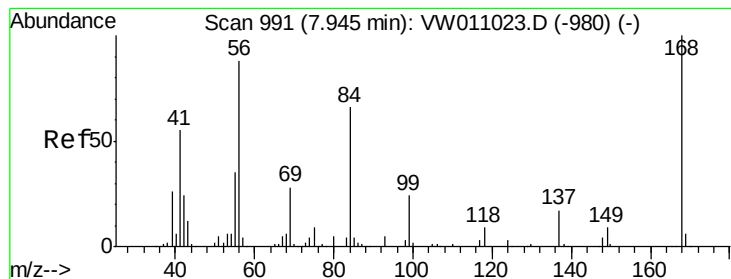
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

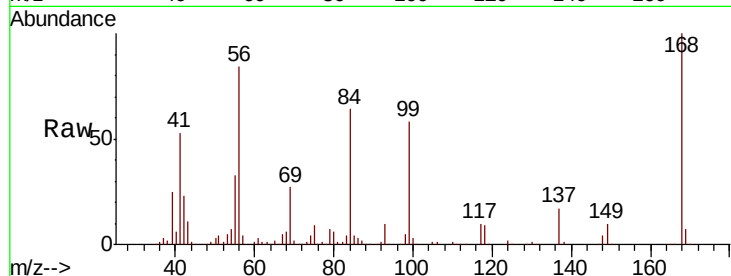
VSTDCCC050EC

Tot Ion:168 Resp: 173118

Ion Ratio Lower Upper

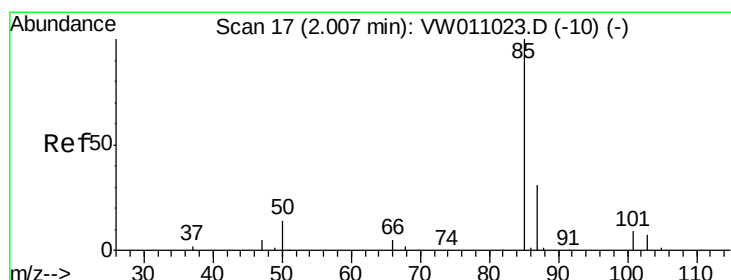
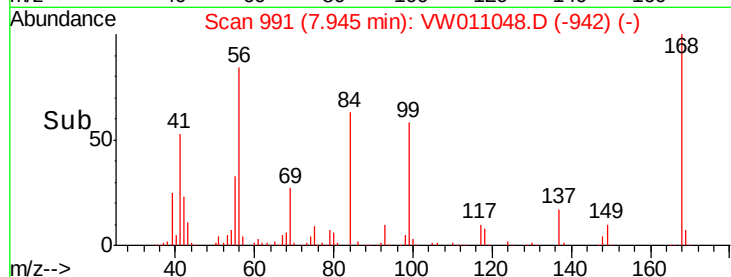
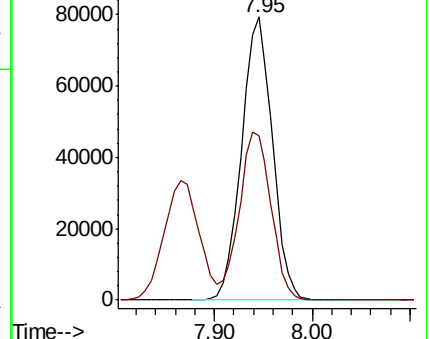
168 100

99 58.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 38.894 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011048.D

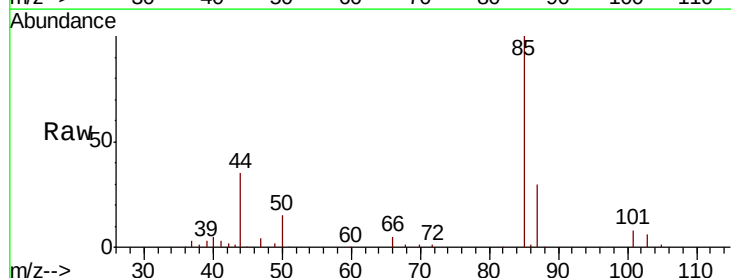
Acq: 28 Jun 2019 06:29

Tgt Ion: 85 Resp: 50758

Ion Ratio Lower Upper

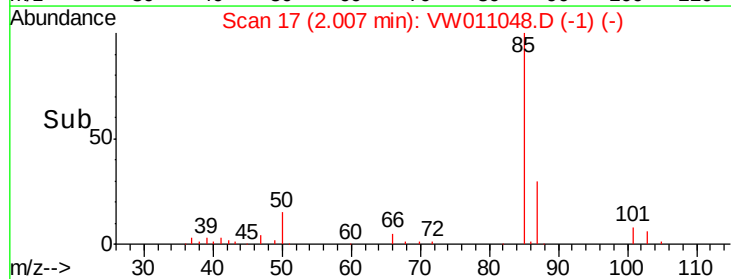
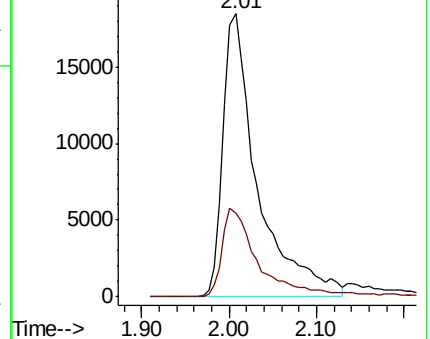
85 100

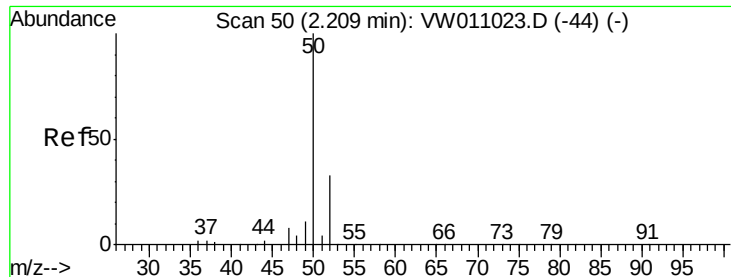
87 29.7 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.523 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

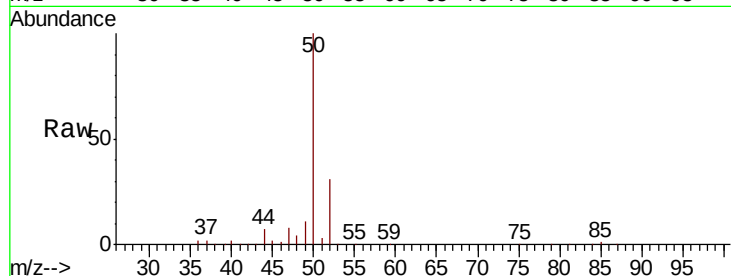
VSTDCCC050EC

Tot Ion: 50 Resp: 83141

Ion Ratio Lower Upper

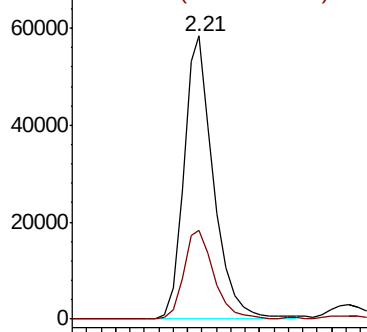
50 100

52 31.2 26.6 40.0

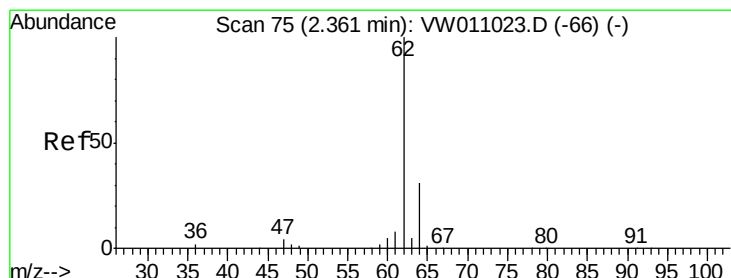
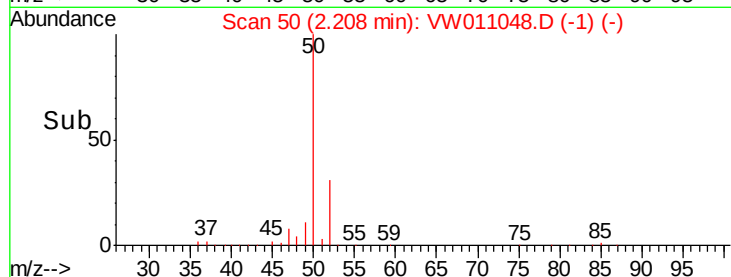


Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



Time-->



#4

Vinyl Chloride

Concen: 43.443 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011048.D

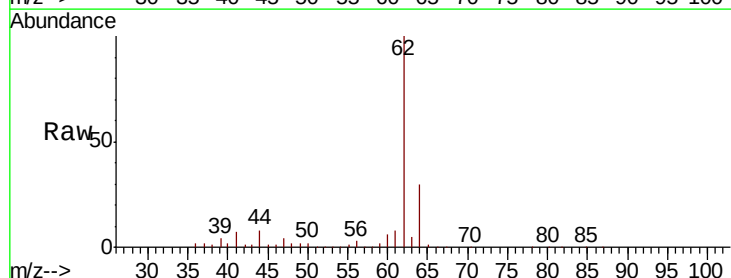
Acq: 28 Jun 2019 06:29

Tgt Ion: 62 Resp: 98959

Ion Ratio Lower Upper

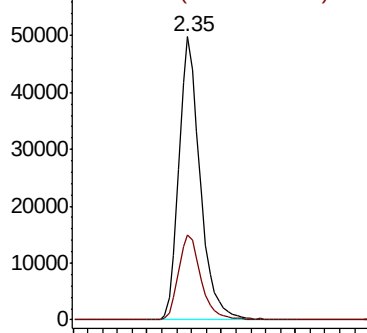
62 100

64 30.0 24.8 37.2

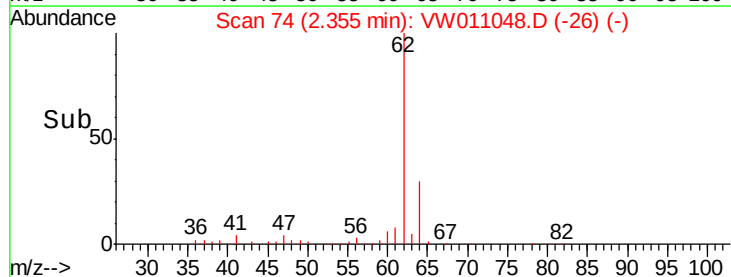


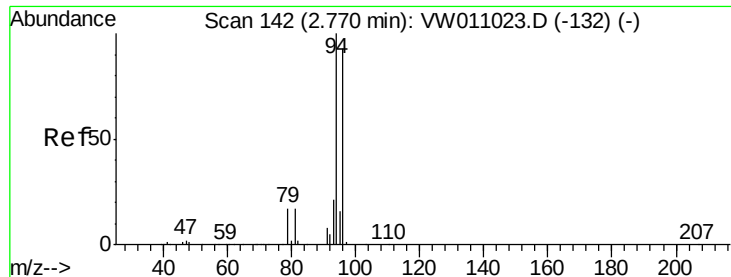
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



Time-->





#5

Bromomethane

Concen: 47.296 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011048.D

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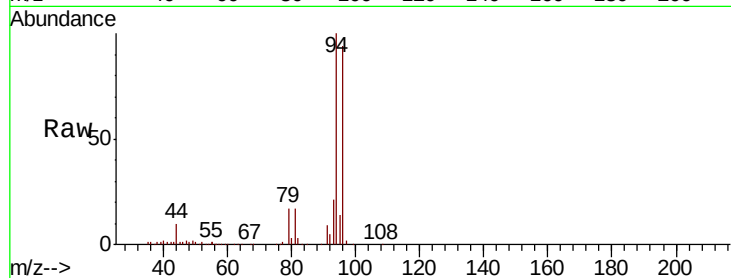
VSTDCCC050EC

Tot Ion: 94 Resp: 53626

Ion Ratio Lower Upper

94 100

96 93.4 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

20000

15000

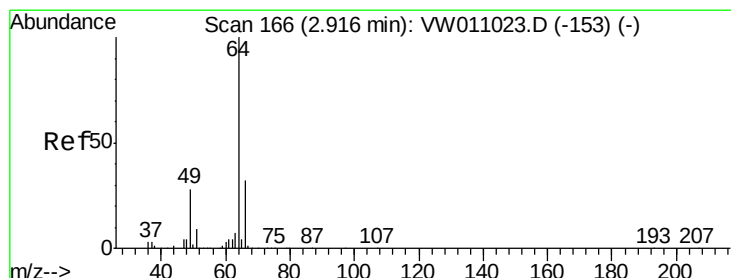
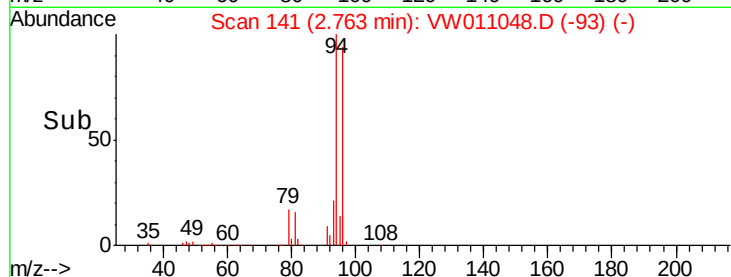
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 47.387 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011048.D

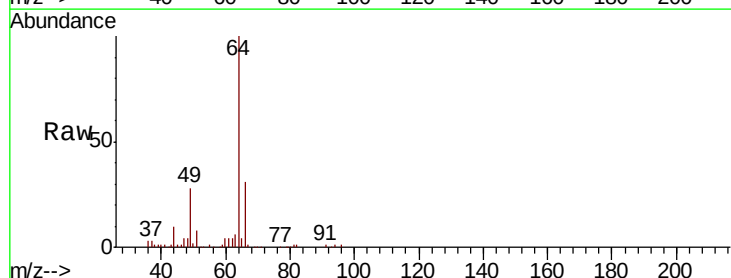
Acq: 28 Jun 2019 06:29

Tgt Ion: 64 Resp: 56910

Ion Ratio Lower Upper

64 100

66 31.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

20000

15000

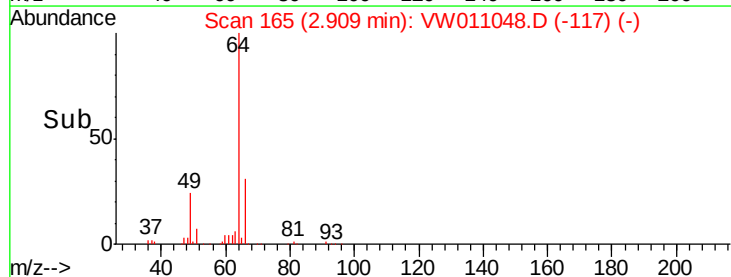
10000

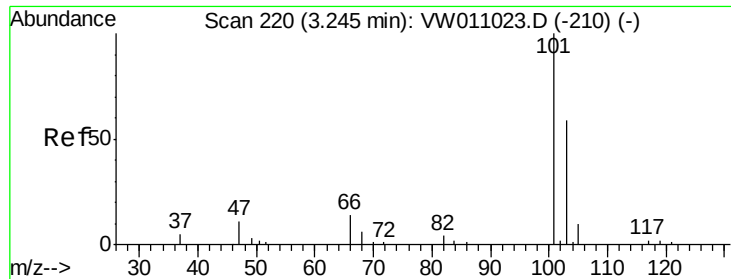
5000

0

2.80 2.90 3.00 3.10

Time-->



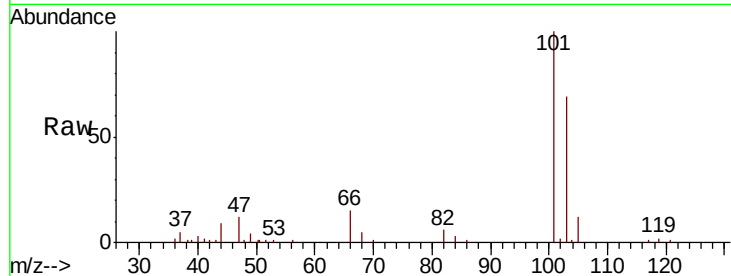


#7

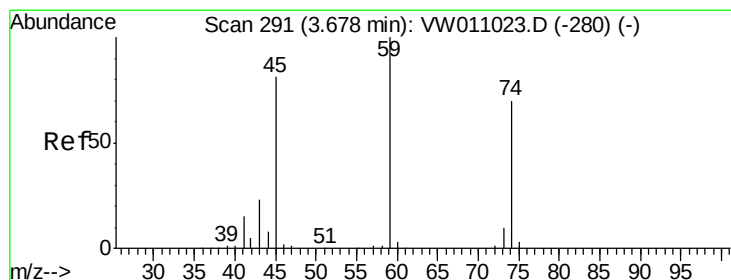
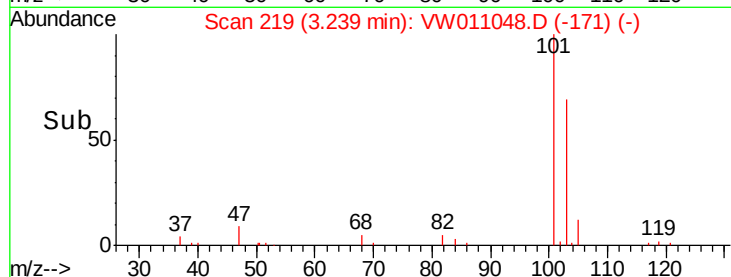
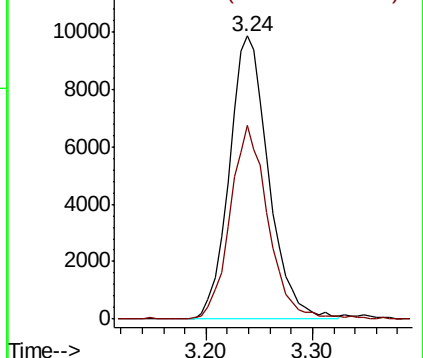
Trichlorofluoromethane
 Concen: 38.034 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Instrument :
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Tot Ion:101 Resp: 25460
 Ion Ratio Lower Upper
 101 100
 103 68.7 47.5 71.3



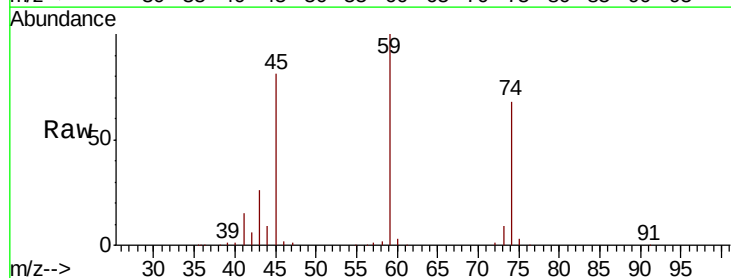
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



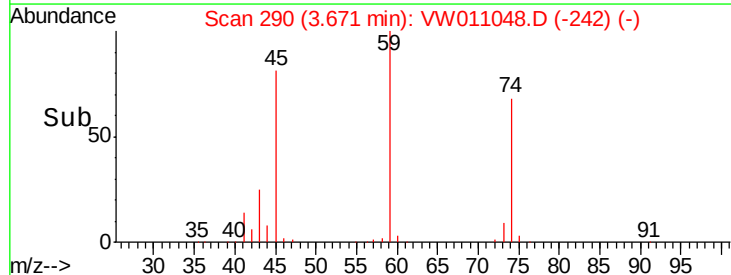
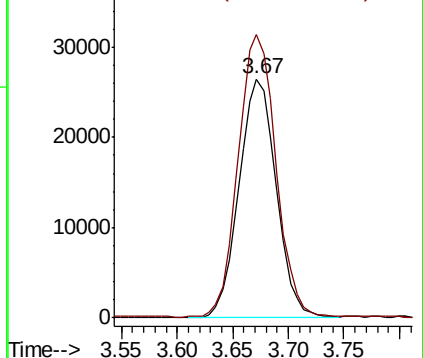
#8

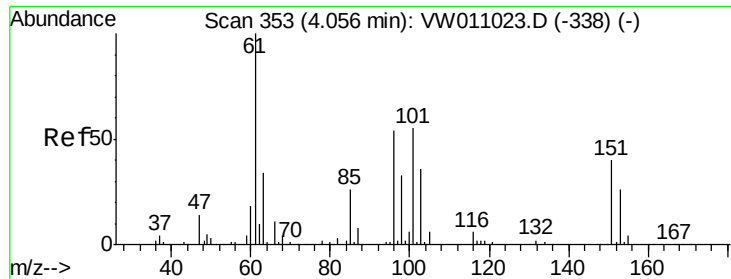
Diethyl Ether
 Concen: 58.115 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011048.D
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Tgt Ion: 74 Resp: 61610
 Ion Ratio Lower Upper
 74 100
 45 120.0 59.5 178.5



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.951 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011048.D

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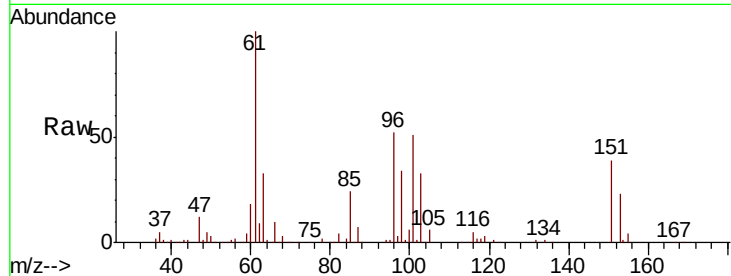
Tot Ion:101 Resp: 82744

Ion Ratio Lower Upper

101 100

85 45.7 36.6 55.0

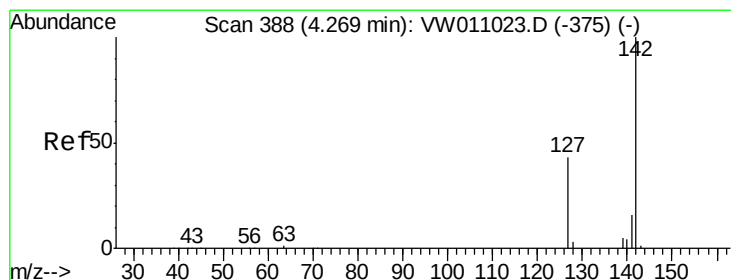
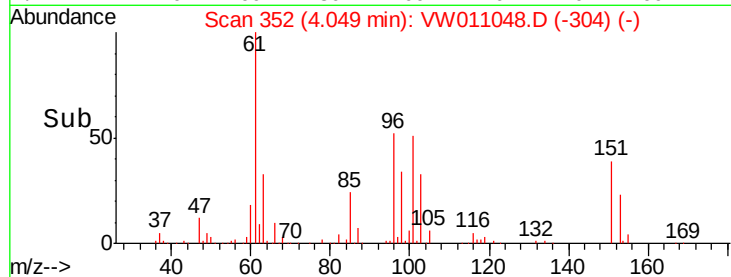
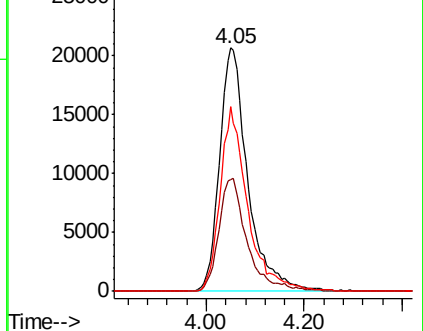
151 73.8 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.821 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

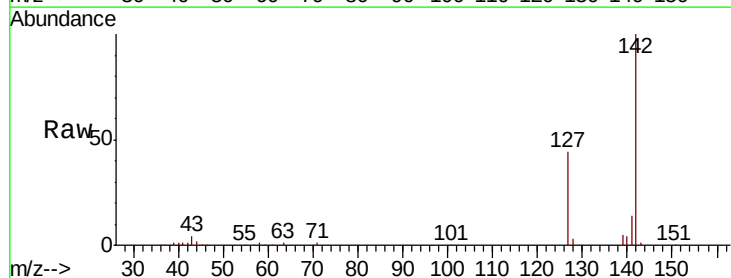
Tgt Ion:142 Resp: 133862

Ion Ratio Lower Upper

142 100

127 45.9 35.8 53.8

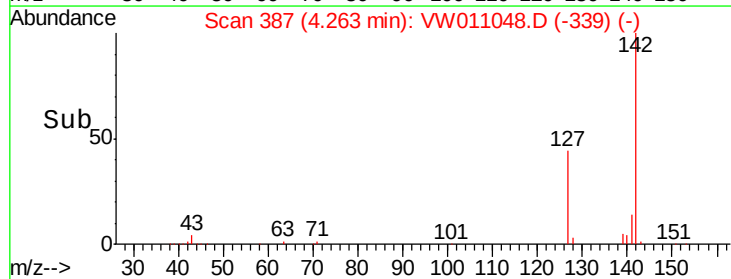
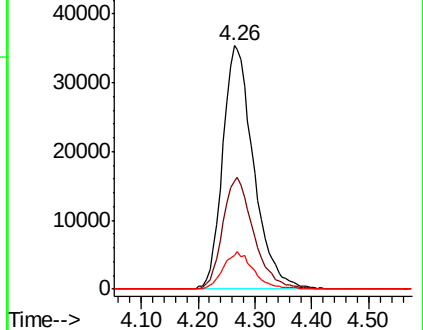
141 15.1 12.2 18.2

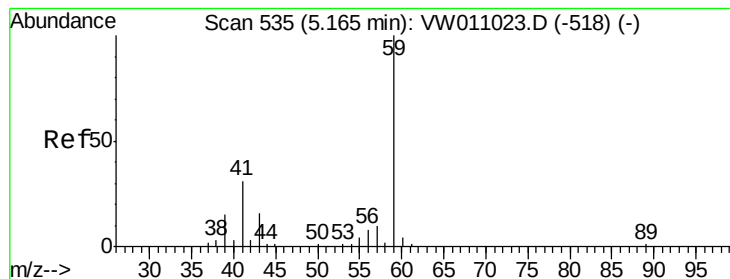


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



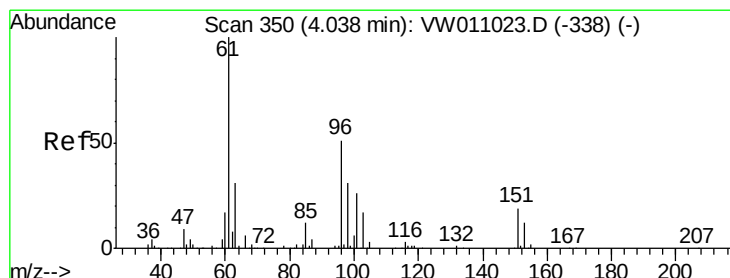
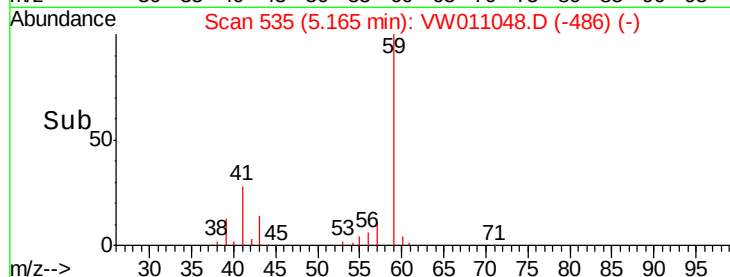
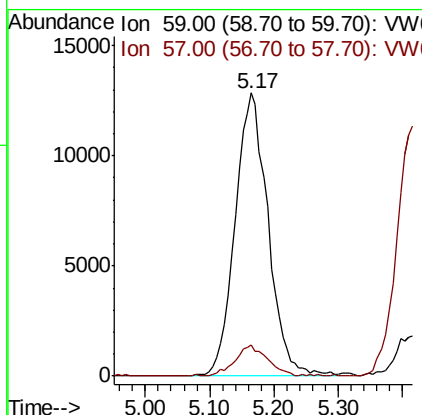
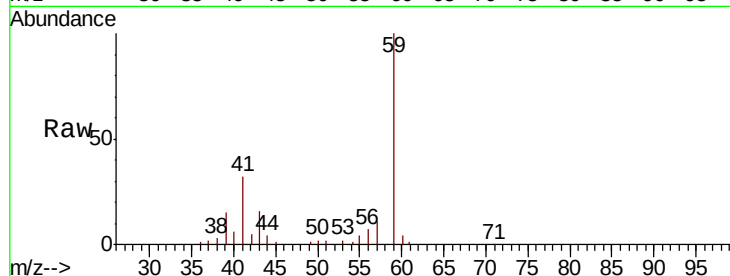


#11

Tert butyl alcohol
 Concen: 277.443 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

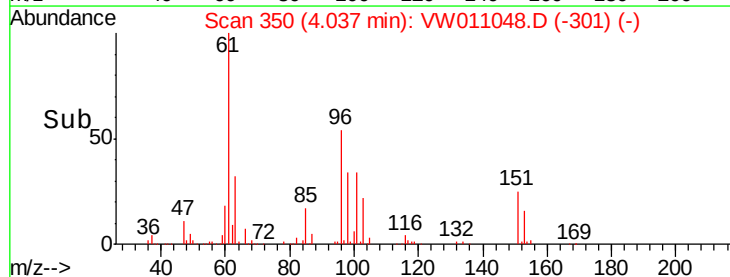
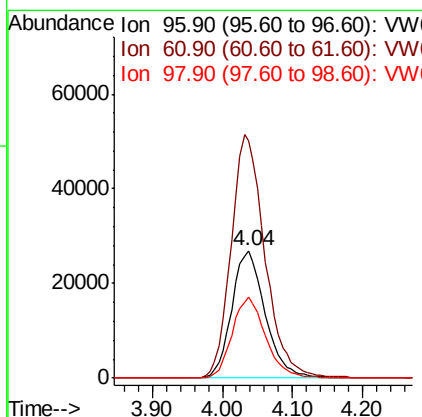
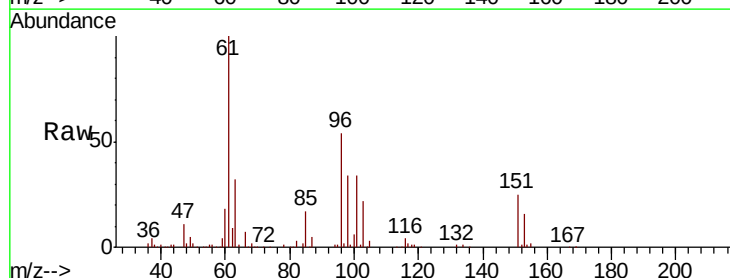
Tot Ion: 59 Resp: 45602
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.0 13.4

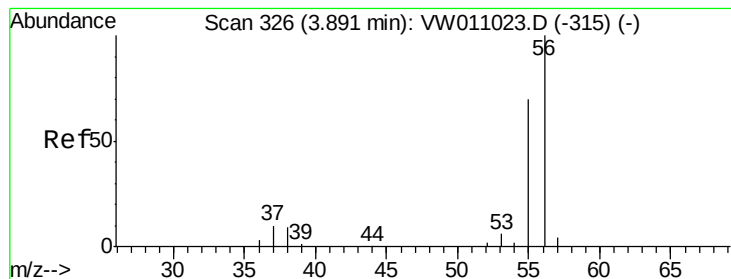


#12

1,1-Dichloroethene
 Concen: 45.705 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion: 96 Resp: 89566
 Ion Ratio Lower Upper
 96 100
 61 185.4 156.0 234.0
 98 63.6 48.7 73.1





#13

Acrolein

Concen: 134.264 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

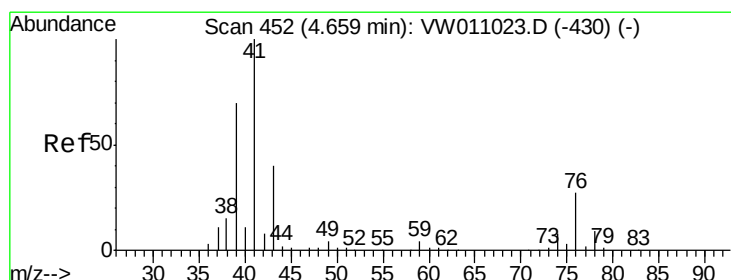
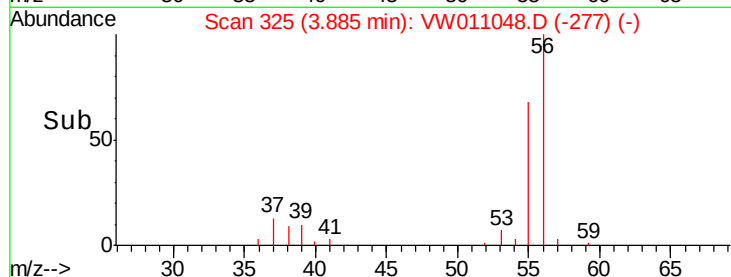
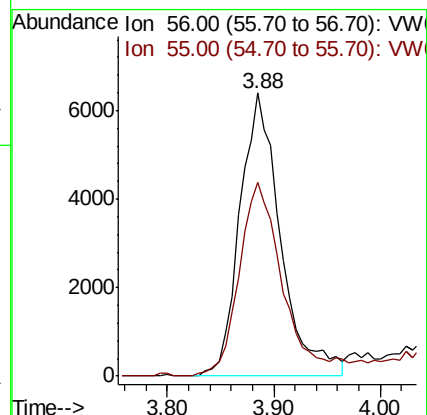
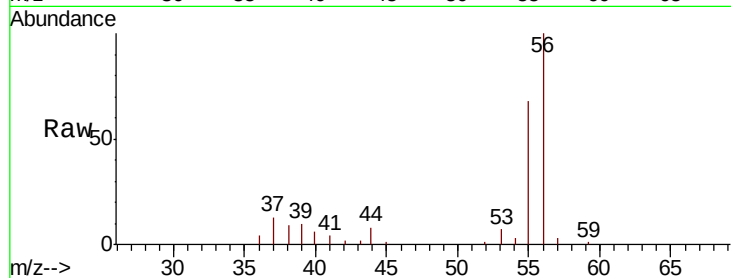
VSTDCCC050EC

Tot Ion: 56 Resp: 17209

Ion Ratio Lower Upper

56 100

55 71.3 55.7 83.5



#14

Allyl chloride

Concen: 47.397 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

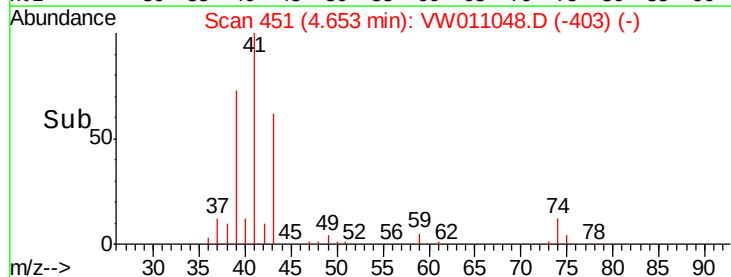
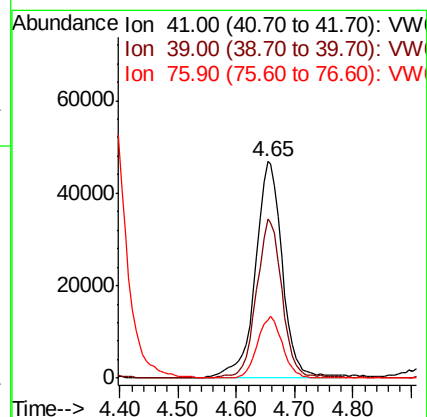
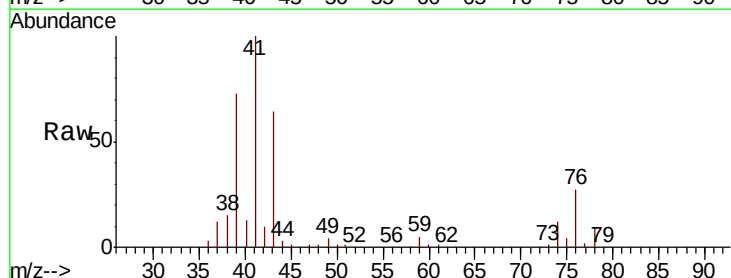
Tgt Ion: 41 Resp: 149492

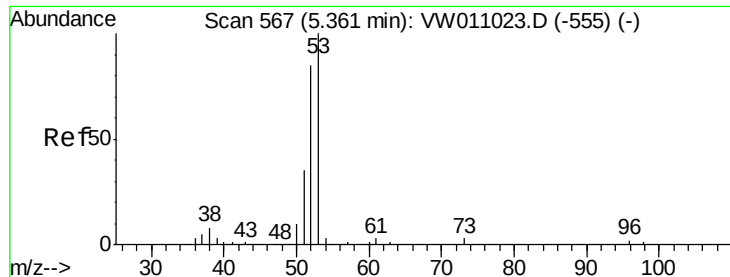
Ion Ratio Lower Upper

41 100

39 69.2 55.4 83.2

76 26.2 22.0 33.0





#15

Acrylonitrile

Concen: 312.106 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

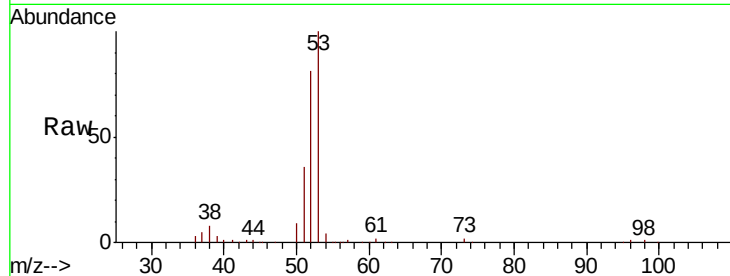
MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 162937

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	37.2	29.8	44.6

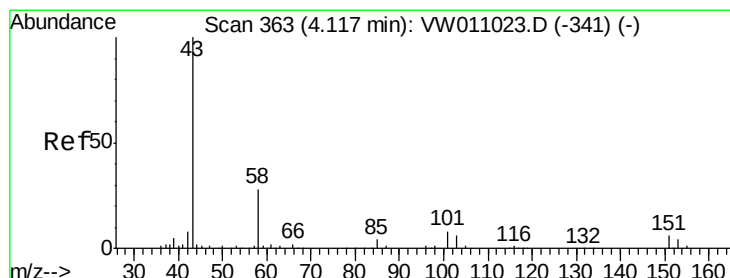
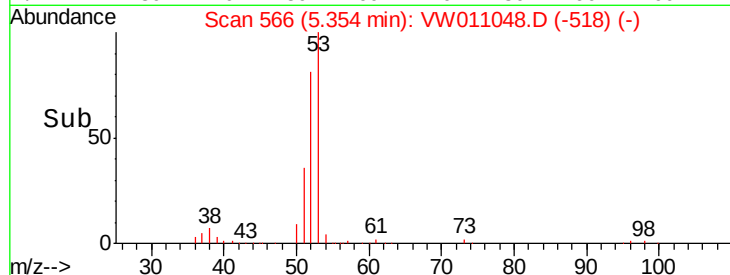
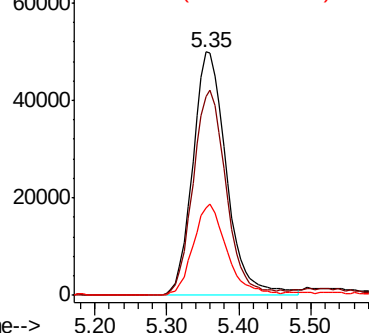


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 269.476 ug/l

RT: 4.12 min Scan# 363

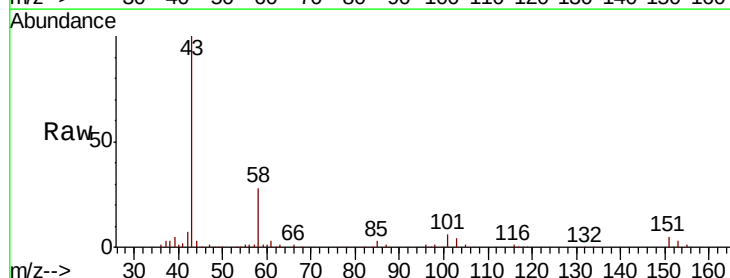
Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Tgt Ion: 43 Resp: 148862

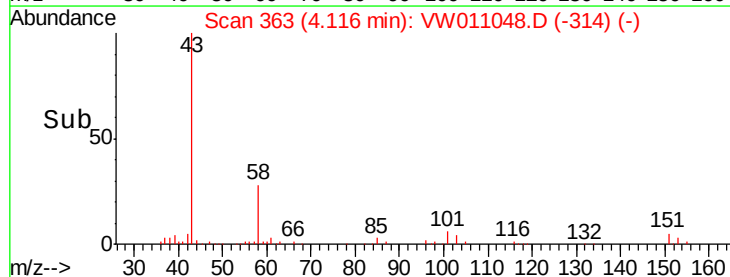
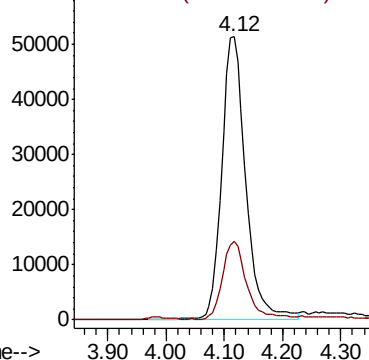
Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.5	33.7

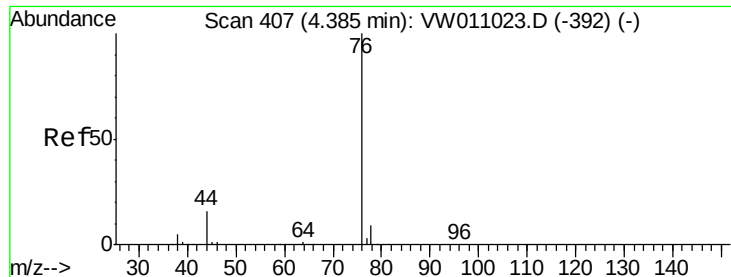


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 45.220 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

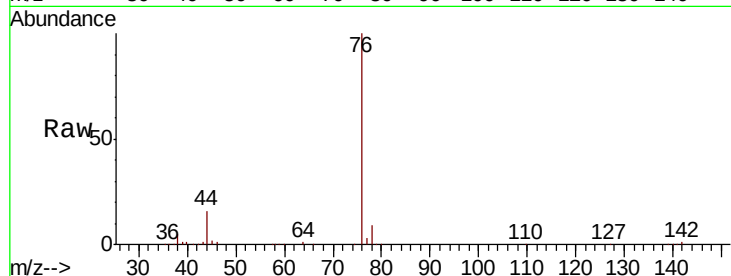
VSTDCCC050EC

Tot Ion: 76 Resp: 251400

Ion Ratio Lower Upper

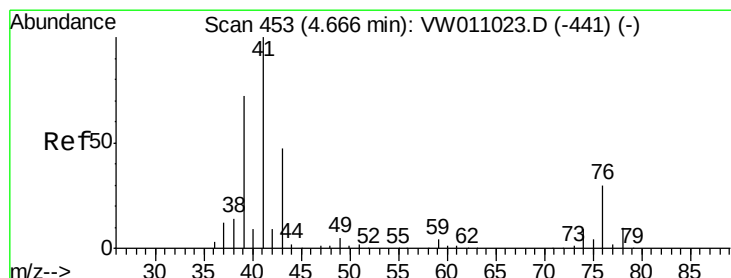
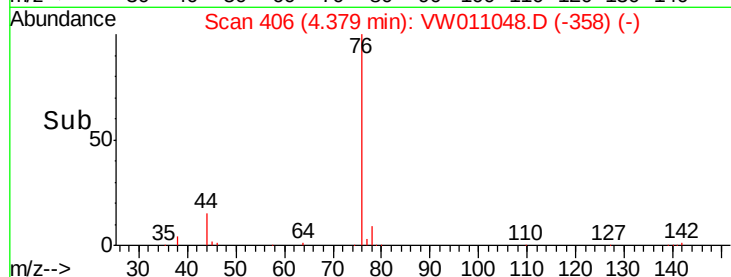
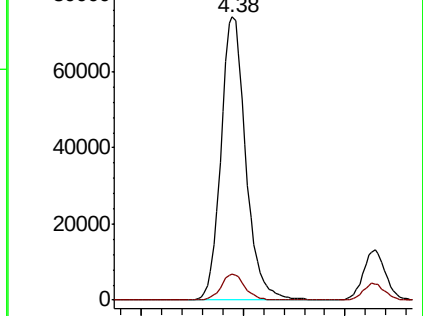
76 100

78 9.1 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: 66.159 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011048.D

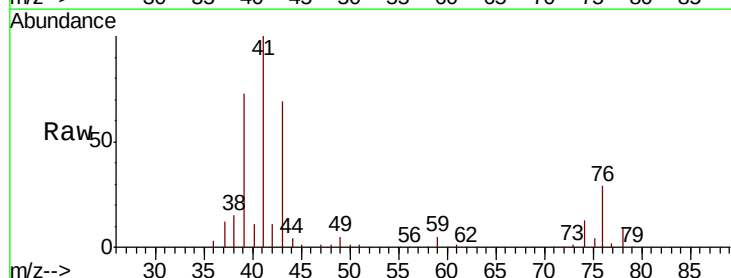
Acq: 28 Jun 2019 06:29

Tgt Ion: 43 Resp: 94670

Ion Ratio Lower Upper

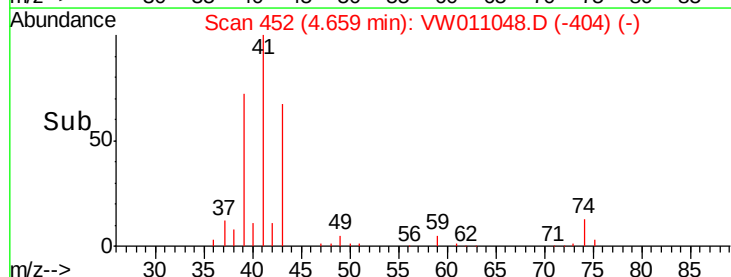
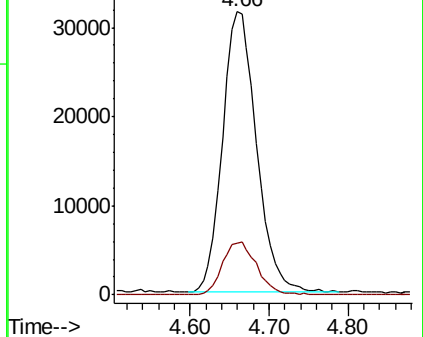
43 100

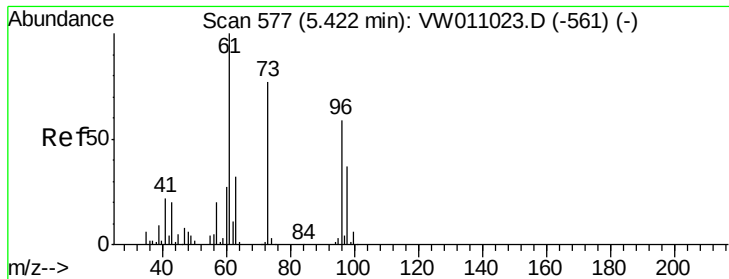
74 19.3 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

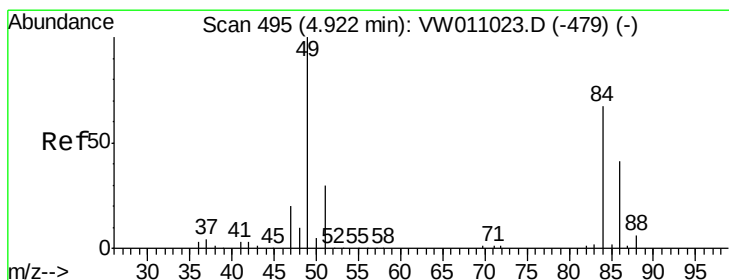
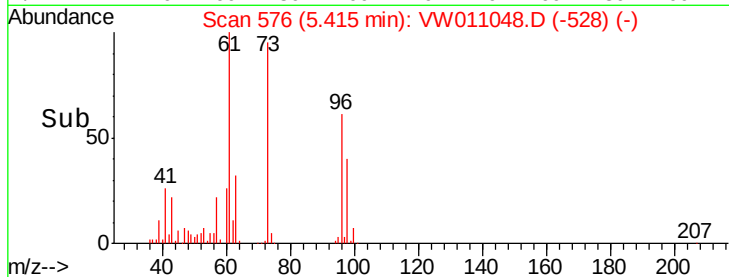
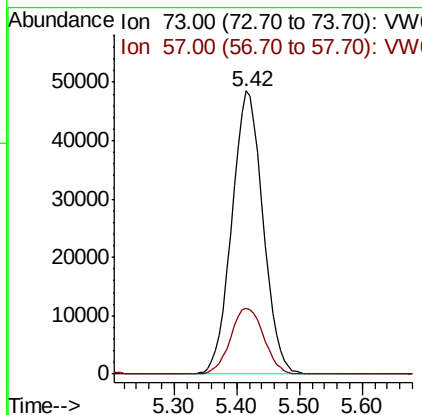
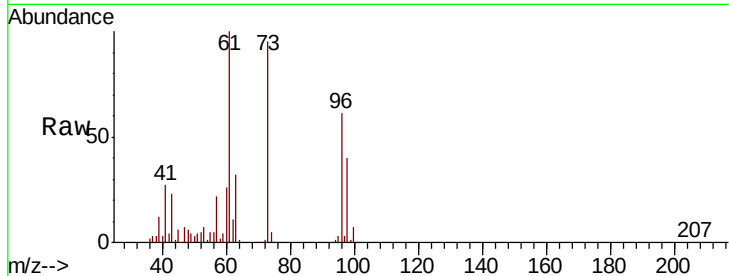




#19
Methyl tert-butyl Ether
Concen: 60.116 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

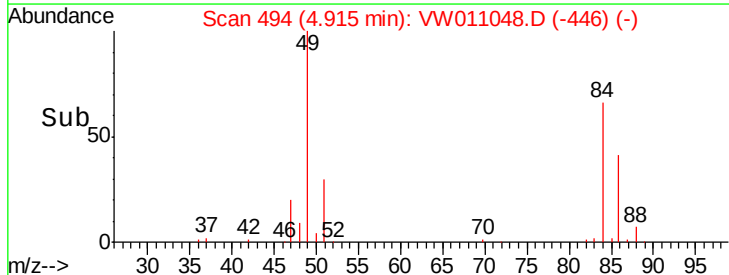
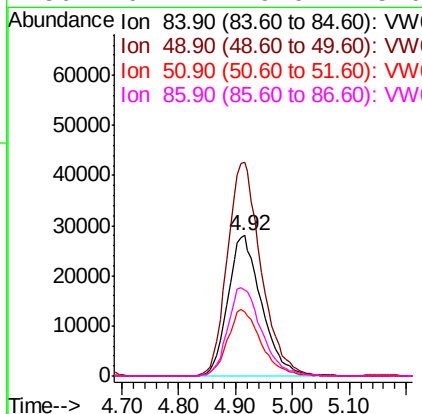
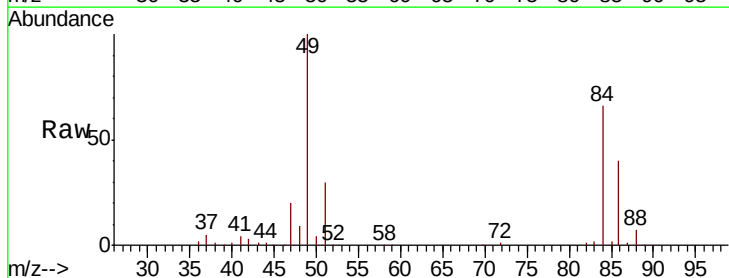
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

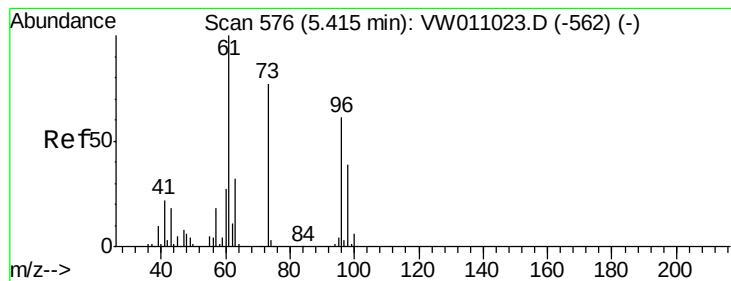
Tot Ion: 73 Resp: 166739
Ion Ratio Lower Upper
73 100
57 23.4 20.8 31.2



#20
Methylene Chloride
Concen: 51.263 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 84 Resp: 115058
Ion Ratio Lower Upper
84 100
49 152.0 119.6 179.4
51 46.0 35.6 53.4
86 61.4 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 49.575 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

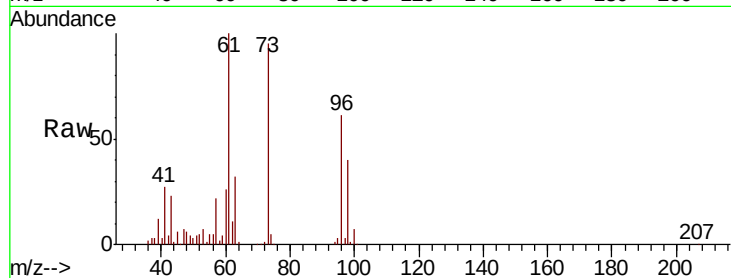
Tot Ion: 96 Resp: 100108

Ion Ratio Lower Upper

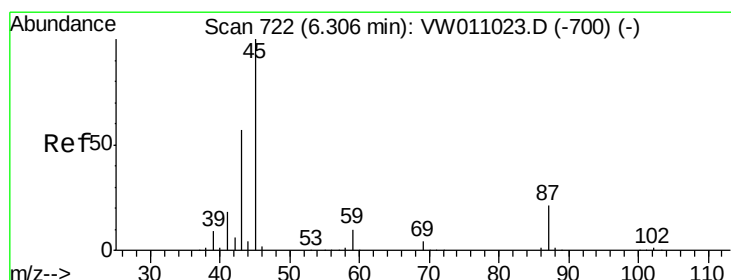
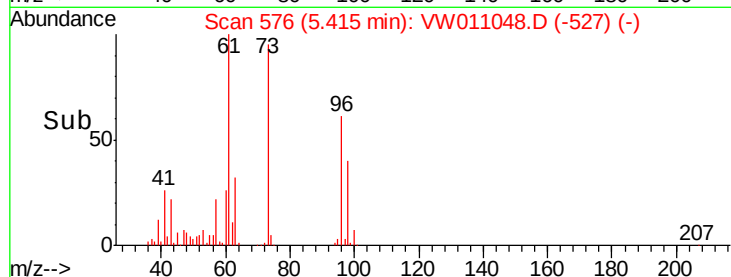
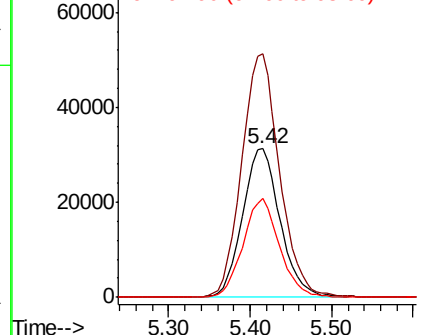
96 100

61 163.7 131.0 196.4

98 66.2 50.8 76.2



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: 56.936 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Tgt Ion: 45 Resp: 432141

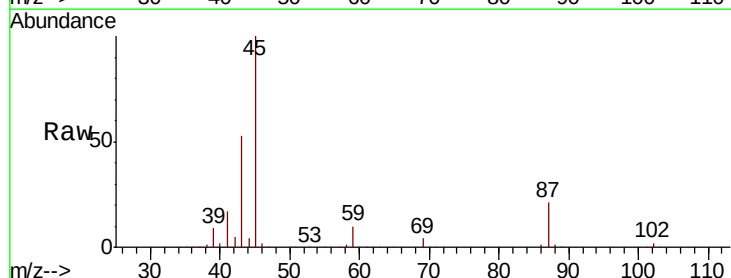
Ion Ratio Lower Upper

45 100

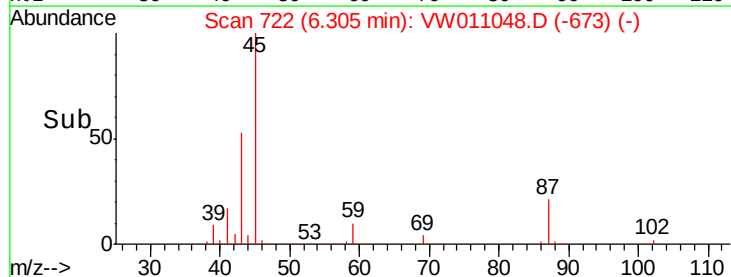
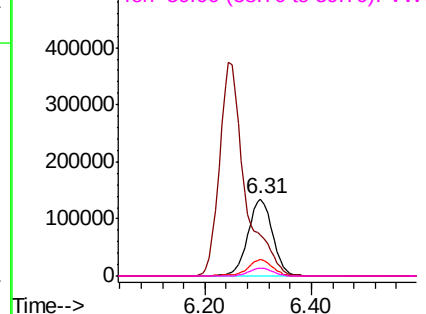
43 53.4 45.8 68.6

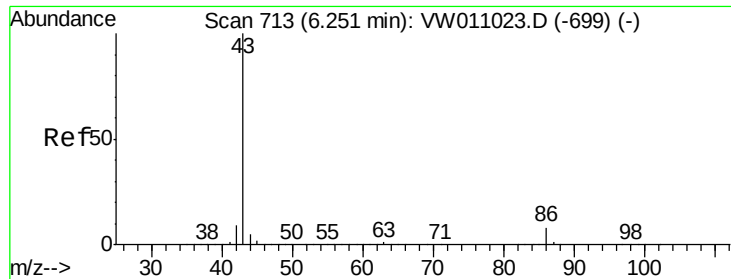
87 21.0 17.1 25.7

59 10.1 8.2 12.4



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





#23

Vinyl Acetate

Concen: 265.388 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

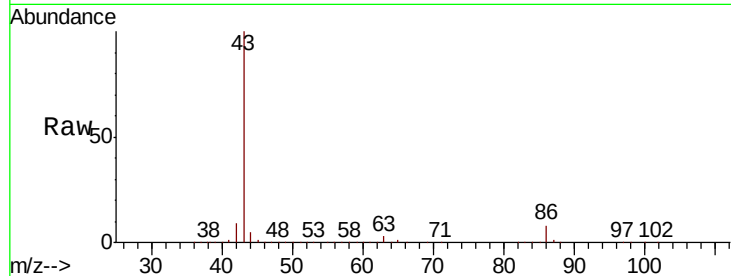
VSTDCCC050EC

Tot Ion: 43 Resp: 1241111

Ion Ratio Lower Upper

43 100

86 8.0 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.24

400000

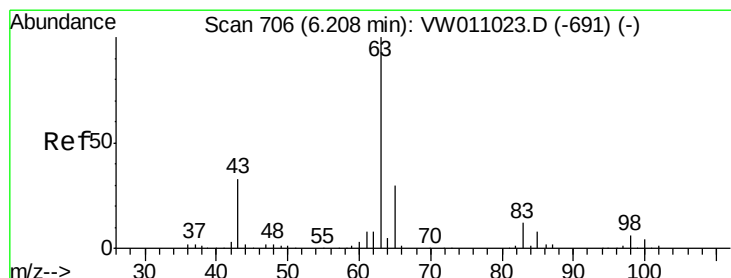
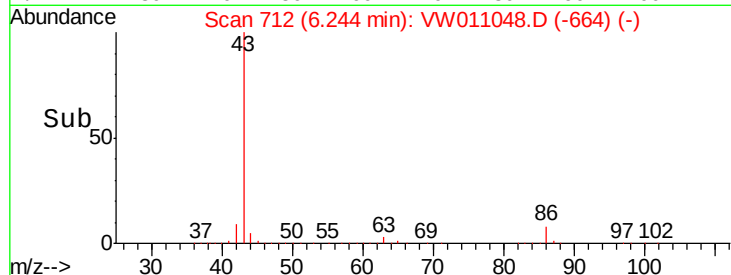
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.410 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

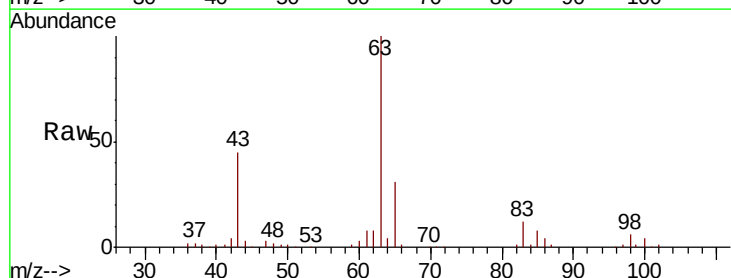
Tgt Ion: 63 Resp: 209971

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 3.9 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

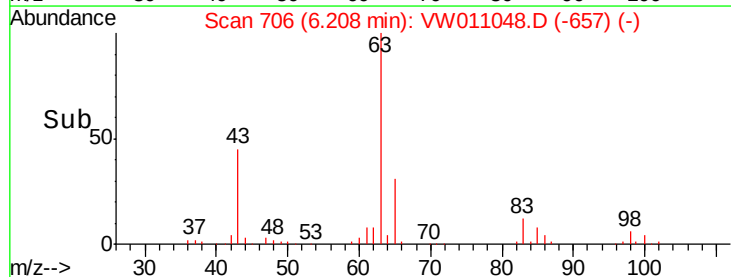
60000

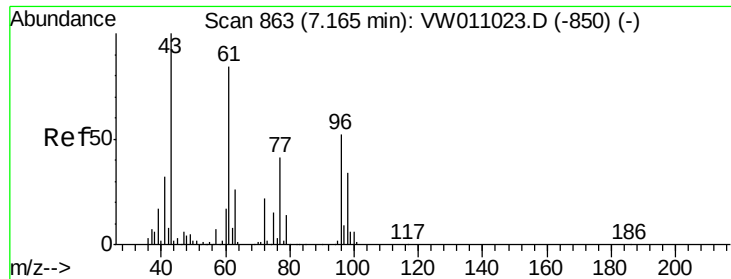
40000

20000

0

Time-->





#25

2-Butanone

Concen: 306.498 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

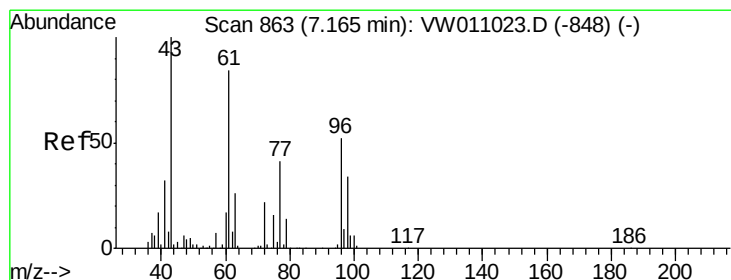
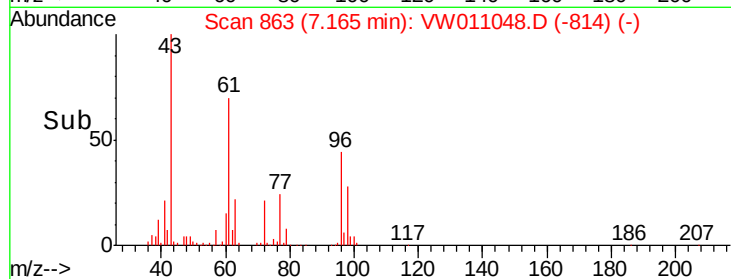
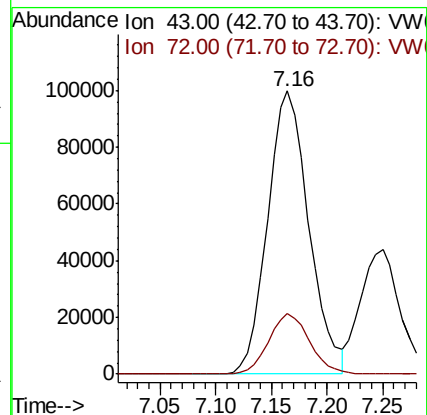
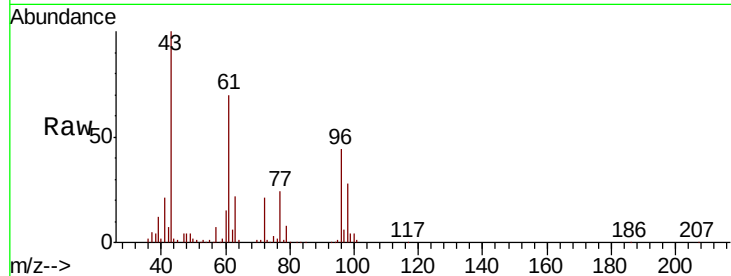
VSTDCCC050EC

Tot Ion: 43 Resp: 257363

Ion Ratio Lower Upper

43 100

72 21.3 17.2 25.8



#26

2,2-Dichloropropane

Concen: 35.835 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011048.D

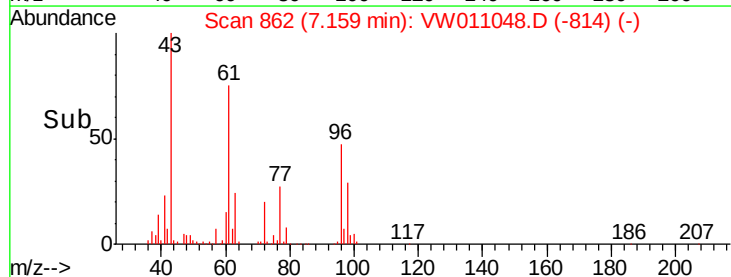
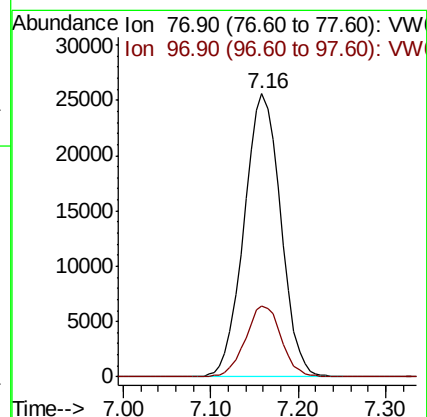
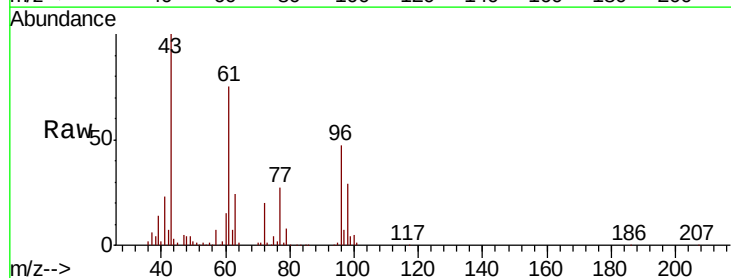
Acq: 28 Jun 2019 06:29

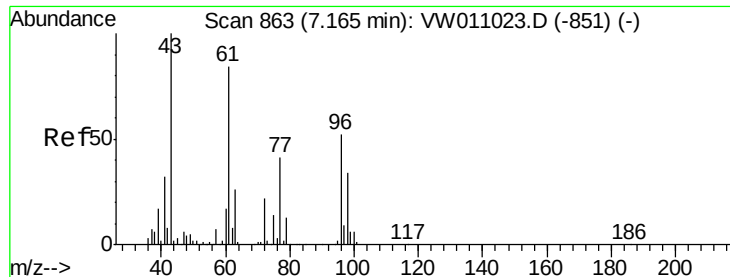
Tgt Ion: 77 Resp: 74540

Ion Ratio Lower Upper

77 100

97 24.4 10.9 32.7



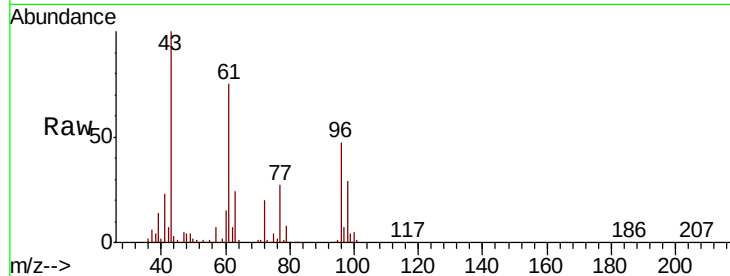


#27

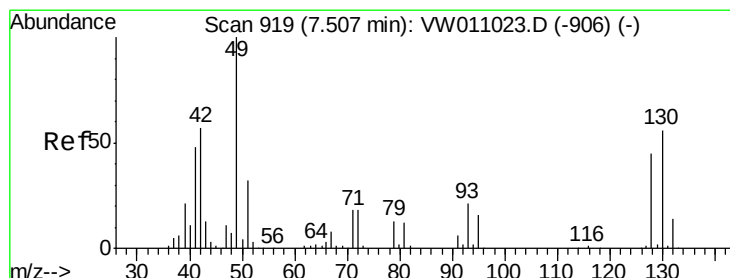
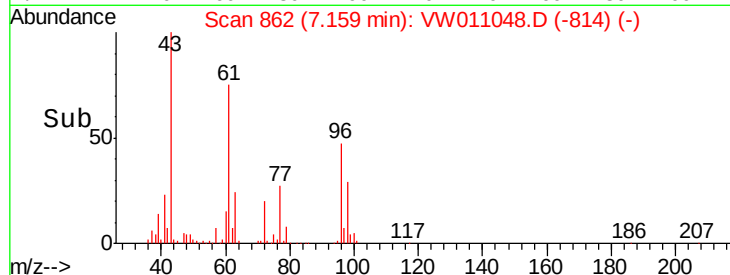
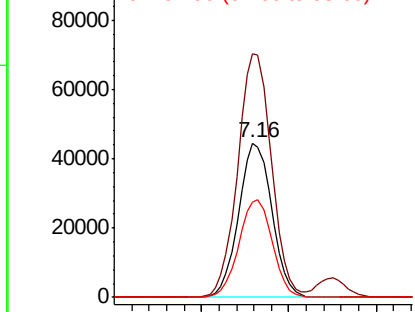
cis-1,2-Dichloroethene
 Concen: 54.267 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 117988
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 330.4
 98 63.4 0.0 129.4



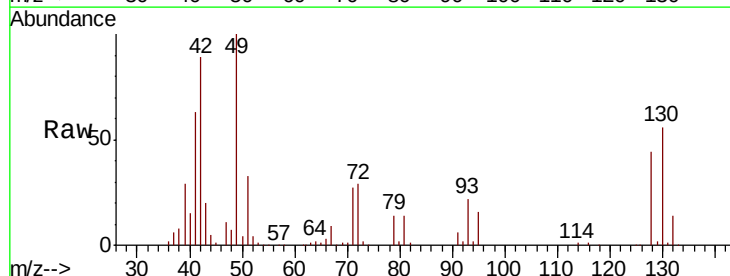
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



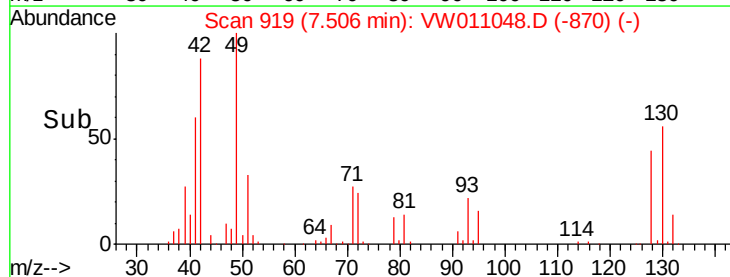
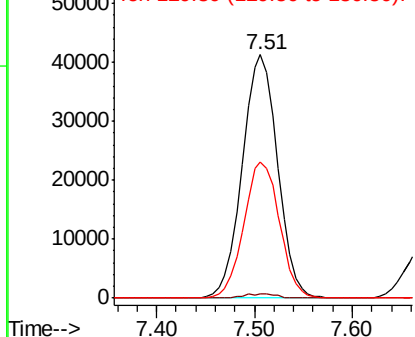
#28

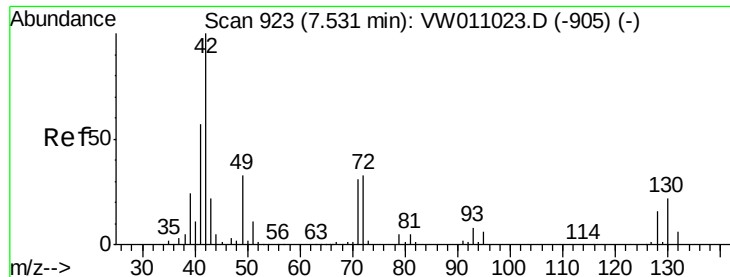
Bromochloromethane
 Concen: 55.580 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion: 49 Resp: 103659
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 56.6 46.1 69.1



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





#29

Tetrahydrofuran

Concen: 326.973 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

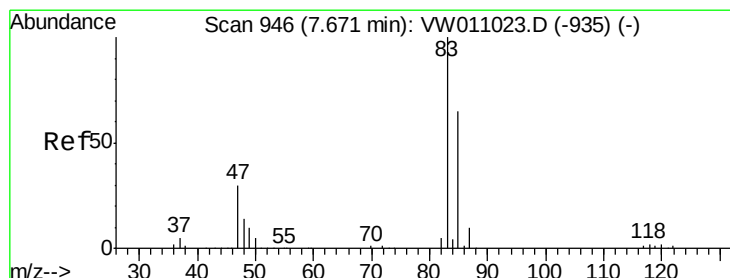
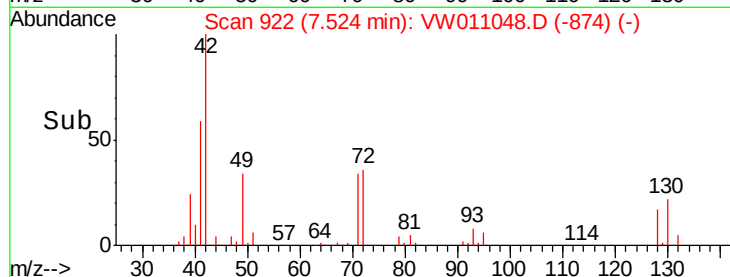
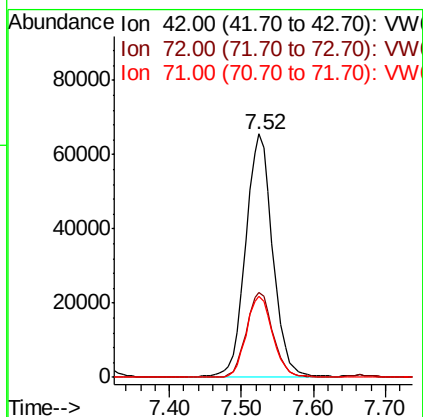
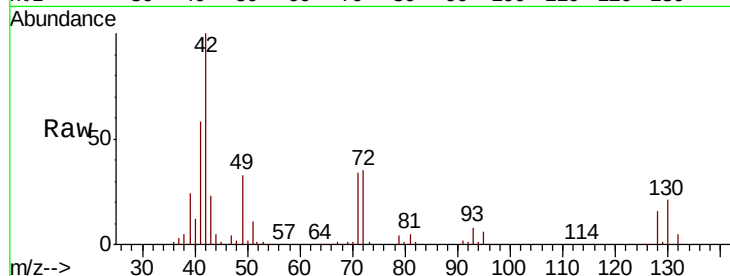
Tot Ion: 42 Resp: 170913

Ion Ratio Lower Upper

42 100

72 34.5 27.4 41.0

71 32.8 25.6 38.4



#30

Chloroform

Concen: 54.253 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW011048.D

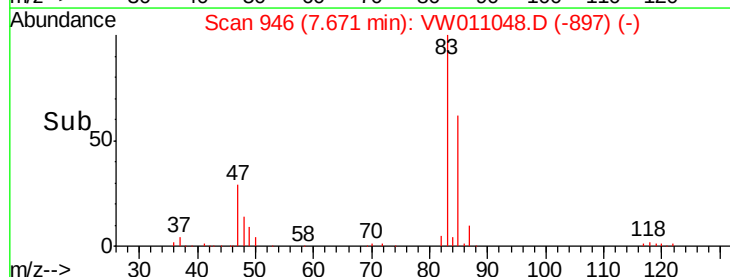
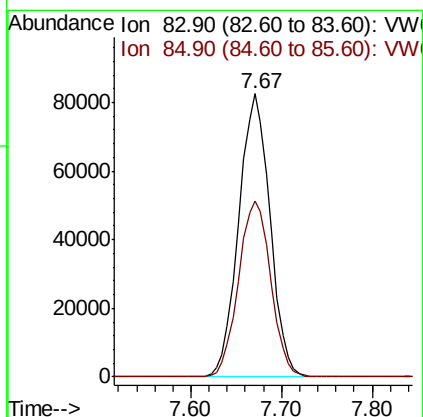
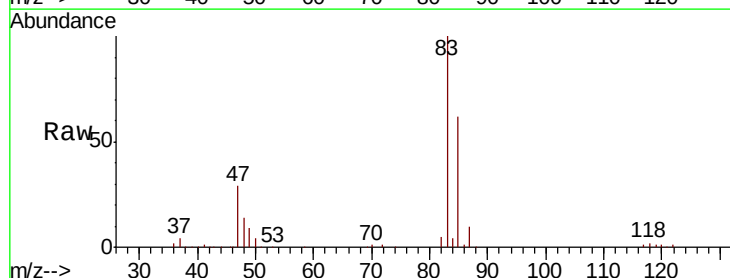
Acq: 28 Jun 2019 06:29

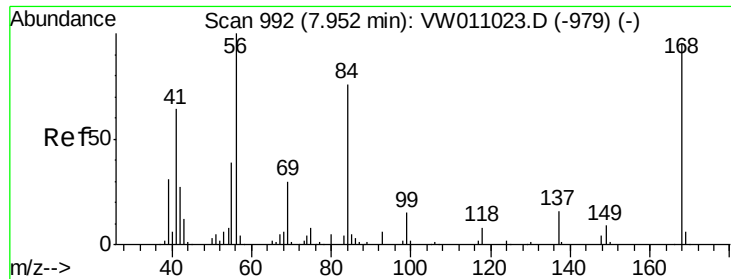
Tgt Ion: 83 Resp: 197464

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.4

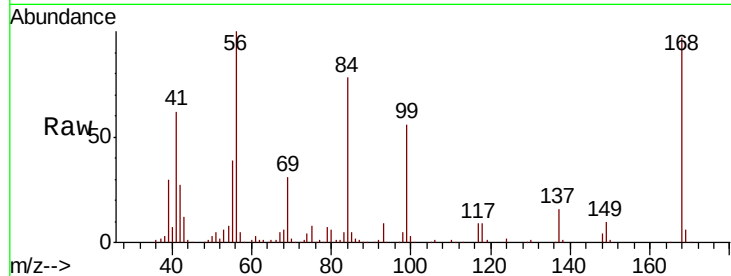




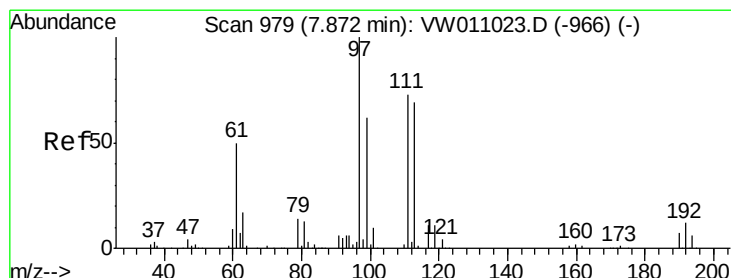
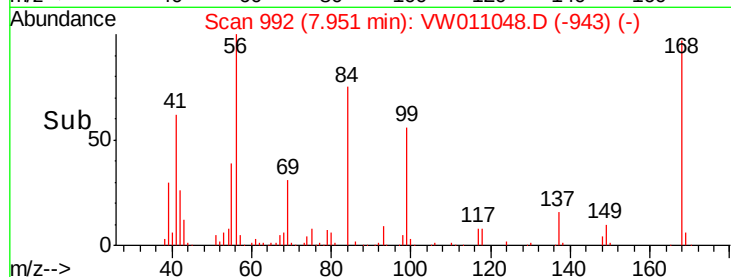
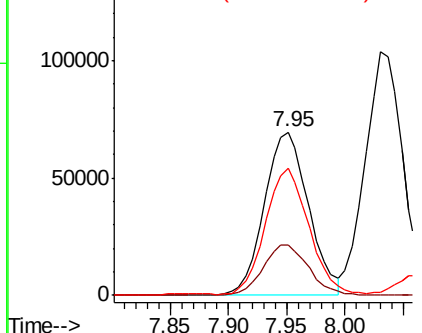
#31
Cyclohexane
Concen: 42.308 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 183149
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.2
84 76.2 60.6 90.8

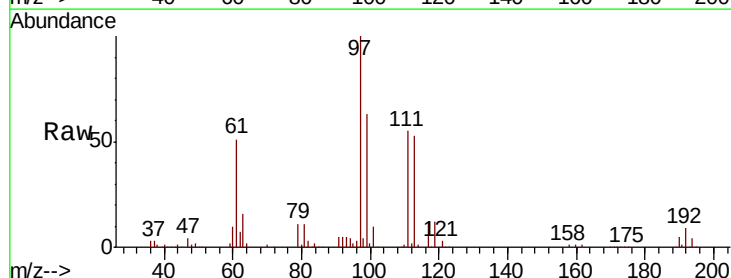


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

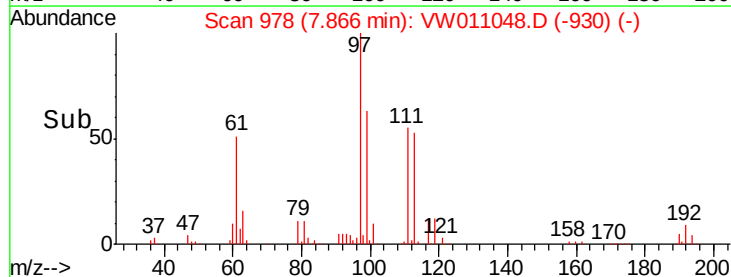
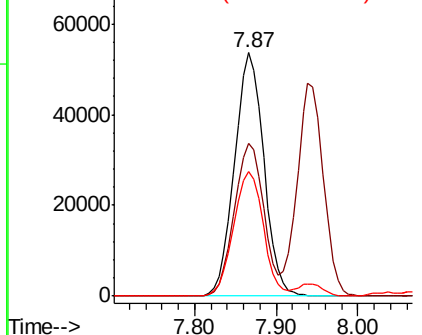


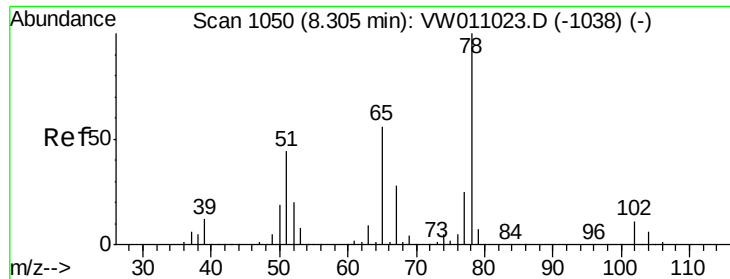
#32
1,1,1-Trichloroethane
Concen: 49.091 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 97 Resp: 133518
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 52.1 41.4 62.2



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

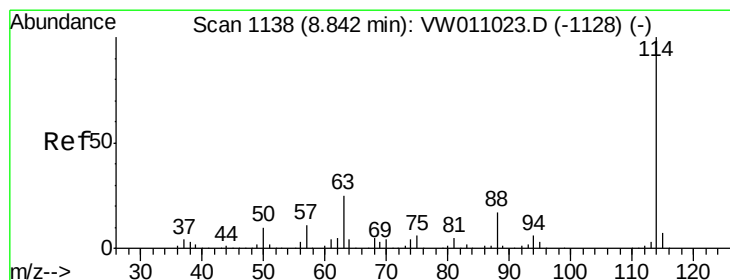
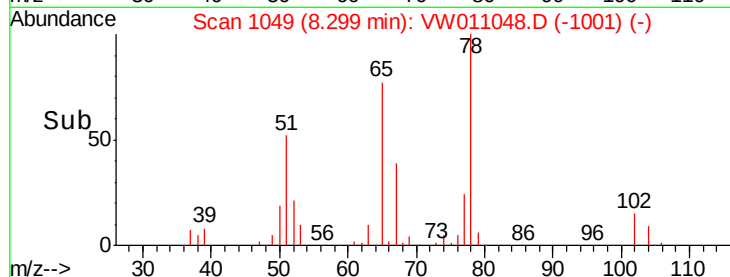
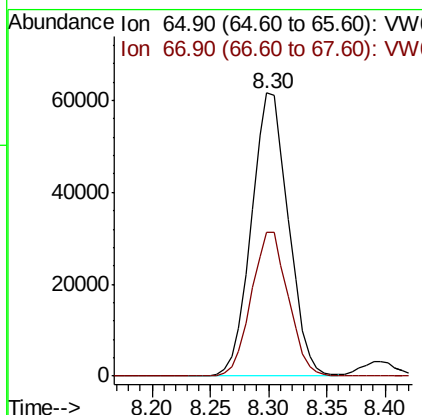
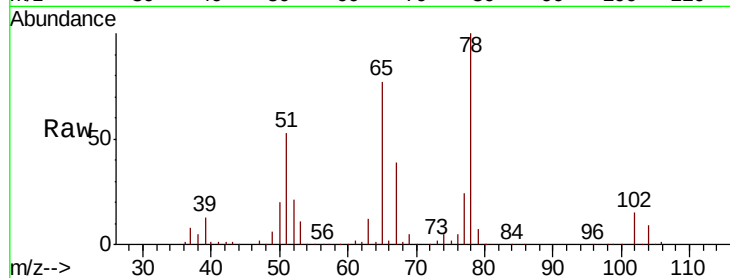




#33
 1,2-Dichloroethane-d4
 Concen: 60.084 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

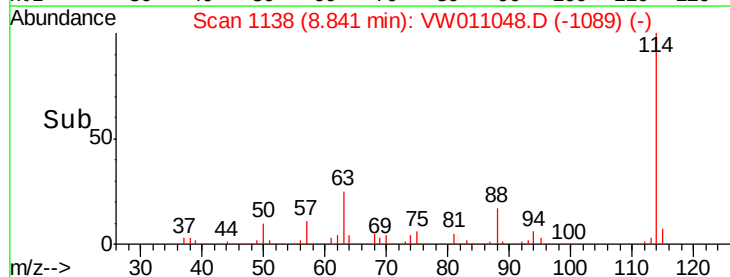
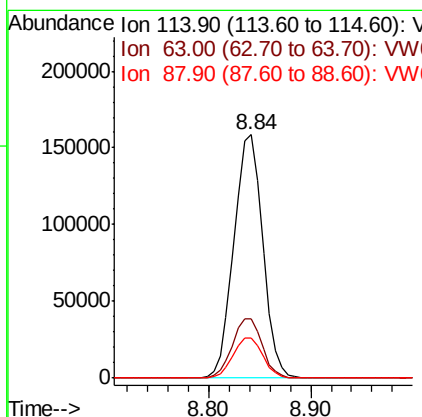
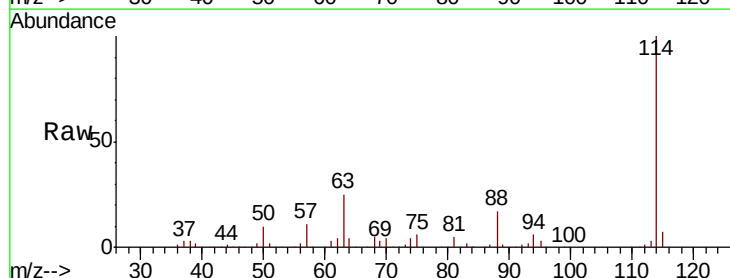
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

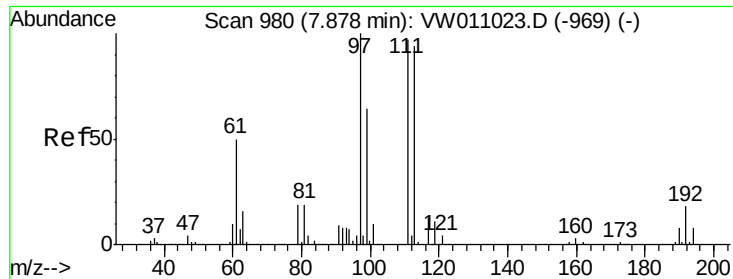
Tot Ion: 65 Resp: 135977
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion: 114 Resp: 311058
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.6
 88 16.7 0.0 34.0

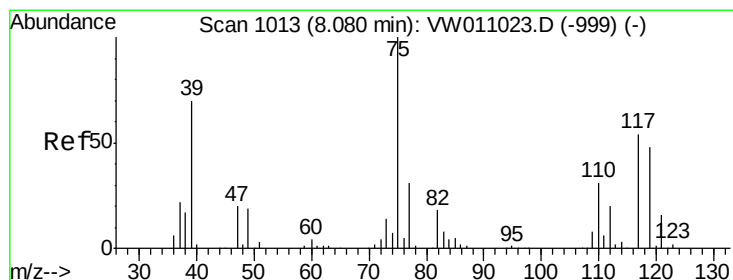
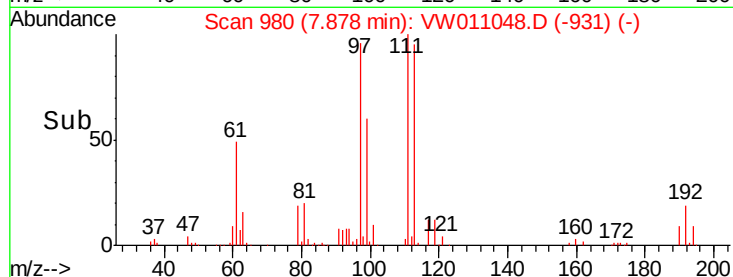
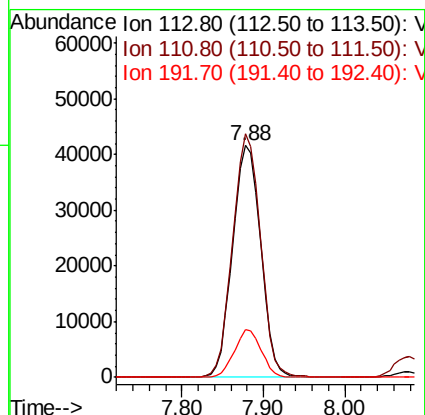
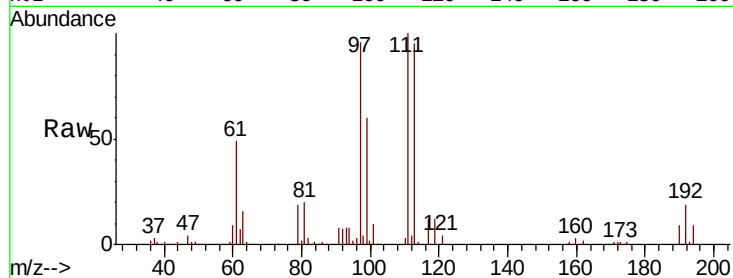




#35
 Dibromofluoromethane
 Concen: 52.245 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

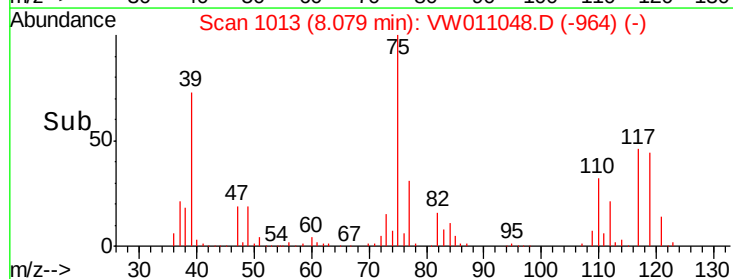
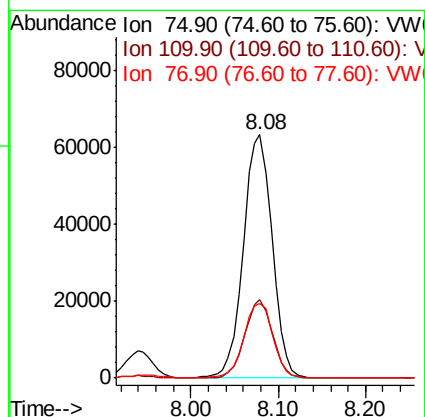
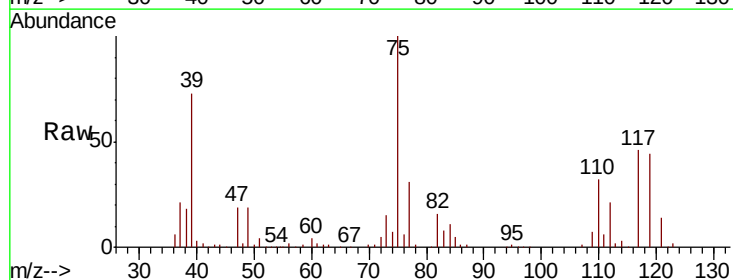
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

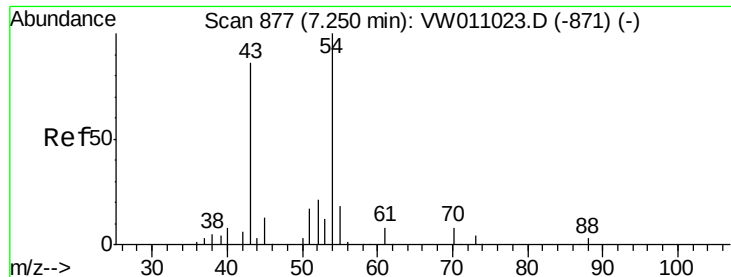
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.8	125.6
192	19.5	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 43.349 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	15.5	46.5
77	31.2	24.9	37.3

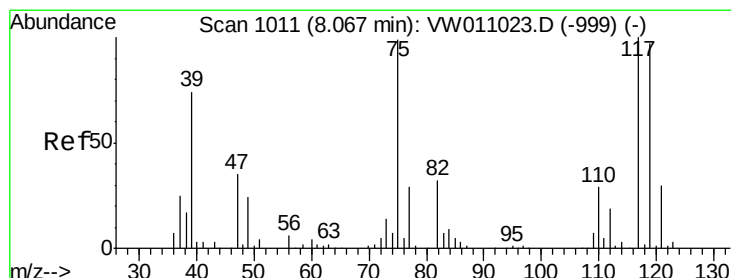
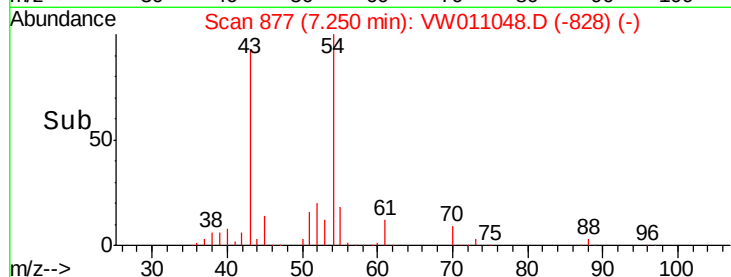
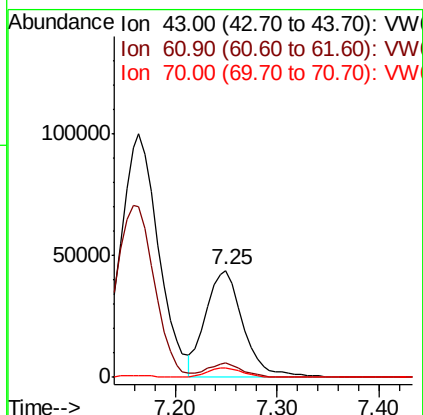
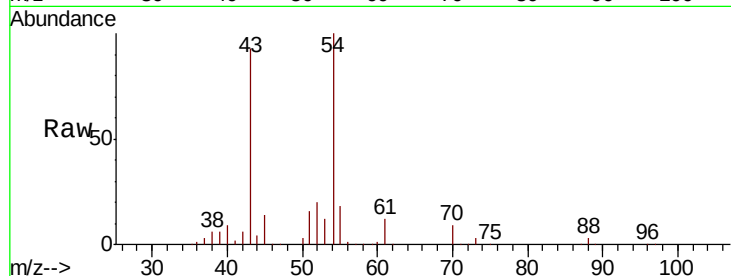




#37
Ethyl Acetate
Concen: 57.050 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

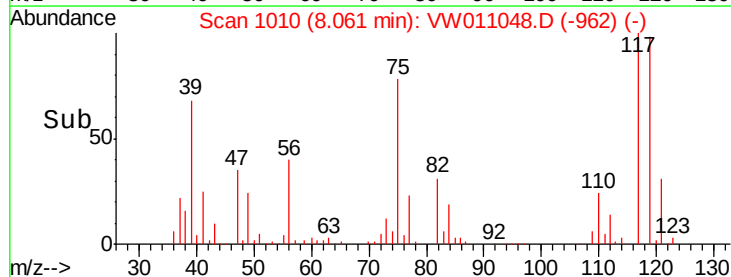
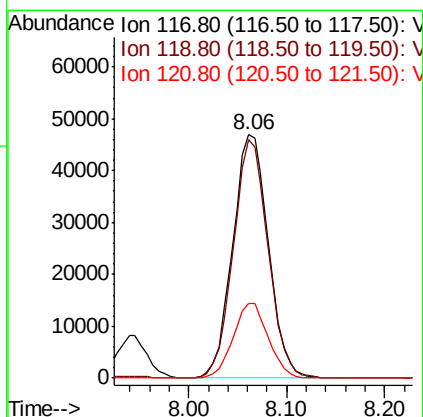
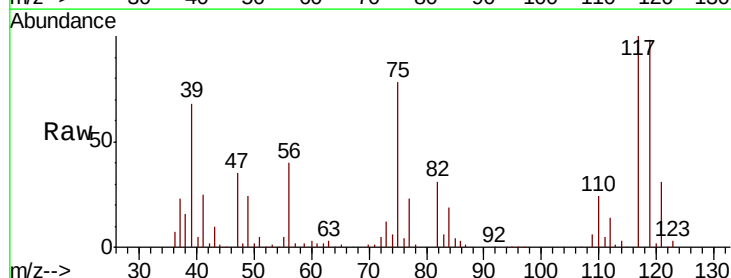
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

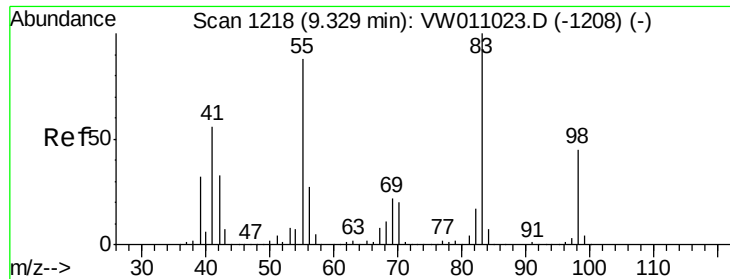
Tot Ion: 43 Resp: 110960
Ion Ratio Lower Upper
43 100
61 12.6 9.0 13.4
70 8.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 43.128 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 117 Resp: 118743
Ion Ratio Lower Upper
117 100
119 98.2 77.7 116.5
121 30.5 23.9 35.9

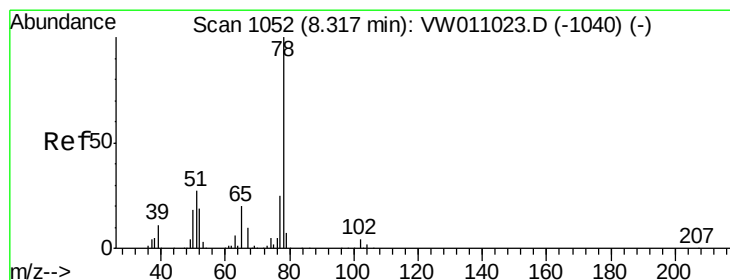
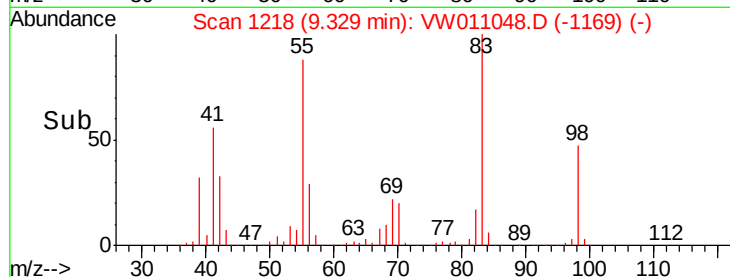
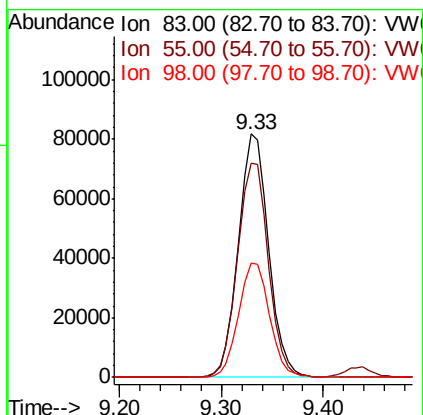
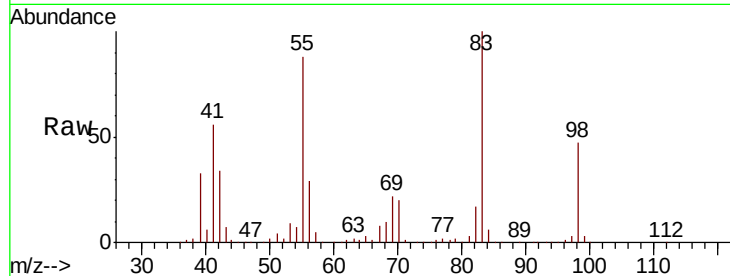




#39
Methylvlcyclohexane
Concen: 40.864 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

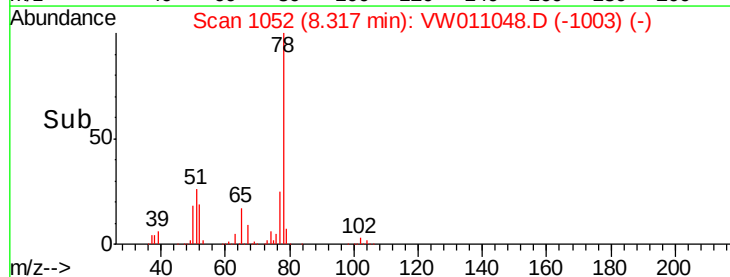
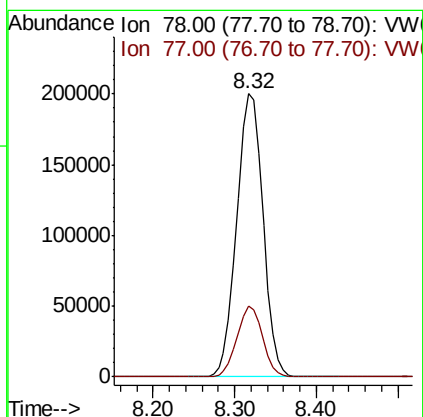
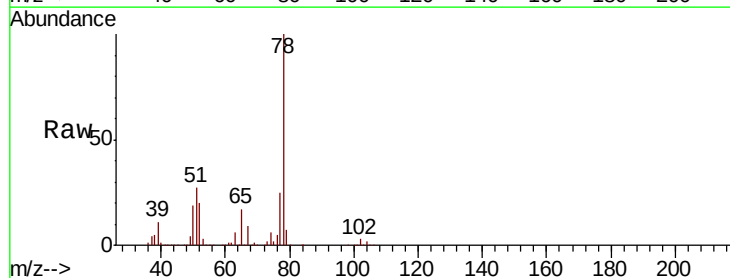
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

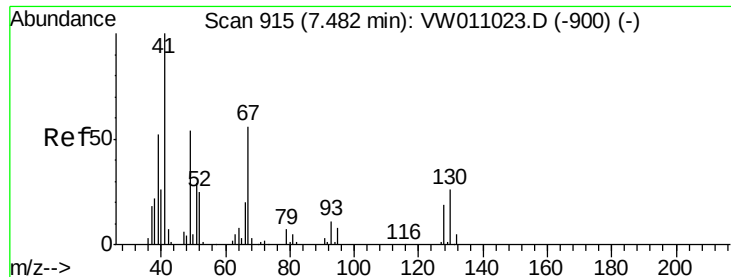
Tot Ion: 83 Resp: 168136
Ion Ratio Lower Upper
83 100
55 88.2 70.7 106.1
98 46.8 36.4 54.6



#40
Benzene
Concen: 48.647 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 78 Resp: 447334
Ion Ratio Lower Upper
78 100
77 24.8 19.7 29.5

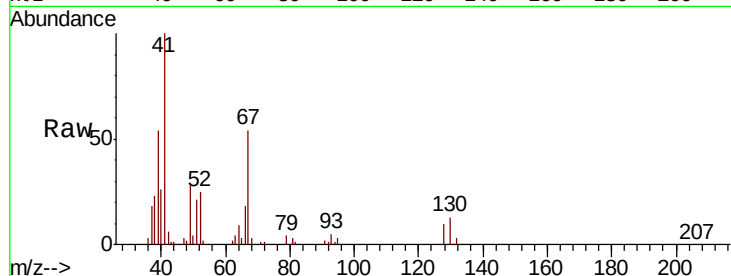




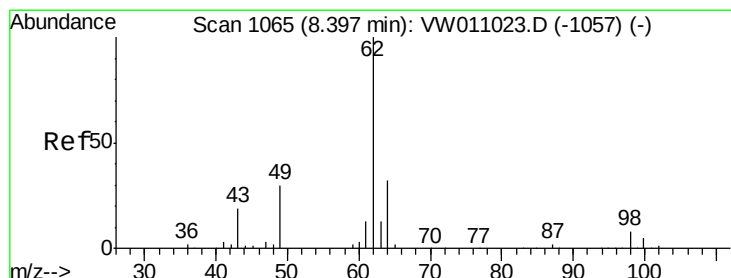
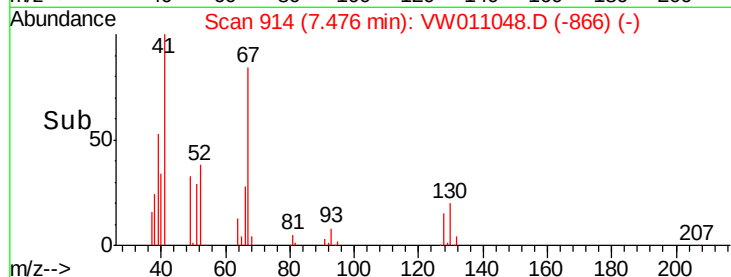
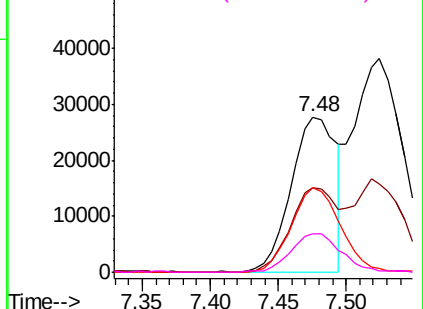
#41
Methacrylonitrile
Concen: 53.542 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	63357
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.1	63.1
67	60.6	44.2	66.2
52	28.2	21.0	31.6

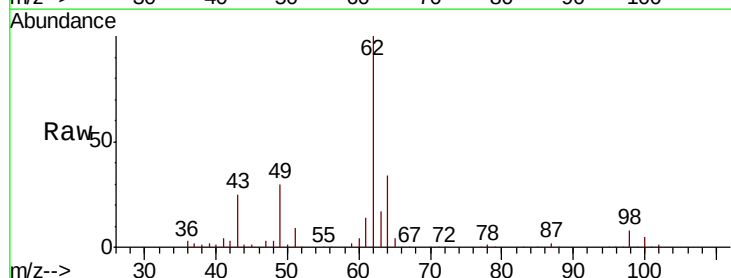


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

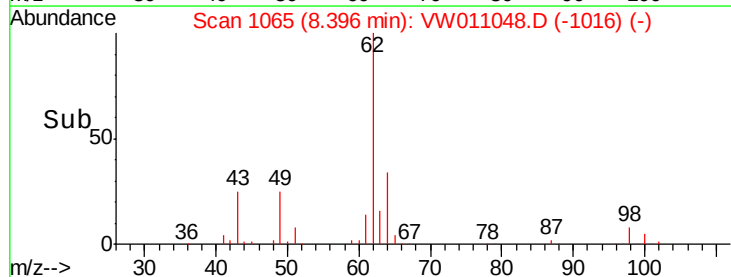
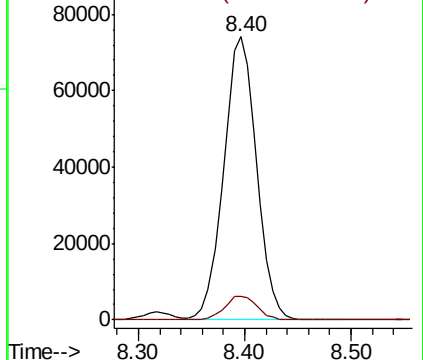


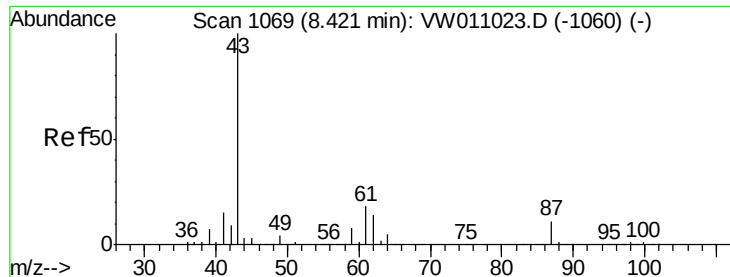
#42
1,2-Dichloroethane
Concen: 53.012 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion:	62	Resp:	159835
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 57.617 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

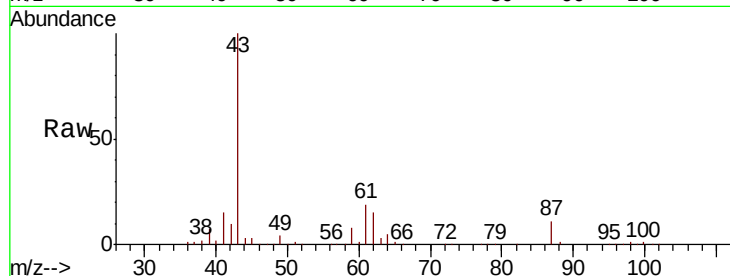
Tot Ion: 43 Resp: 211992

Ion Ratio Lower Upper

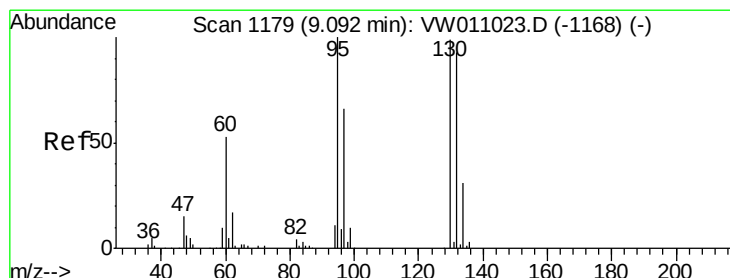
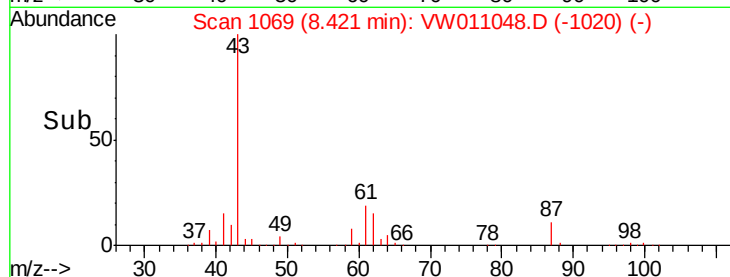
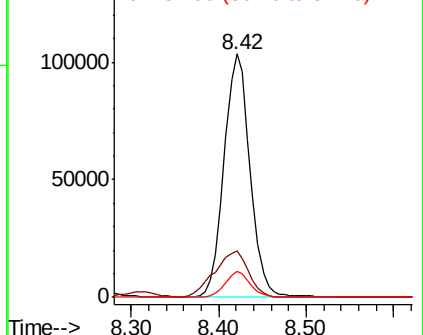
43 100

61 25.4 21.0 31.6

87 10.2 8.2 12.4



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: 47.018 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011048.D

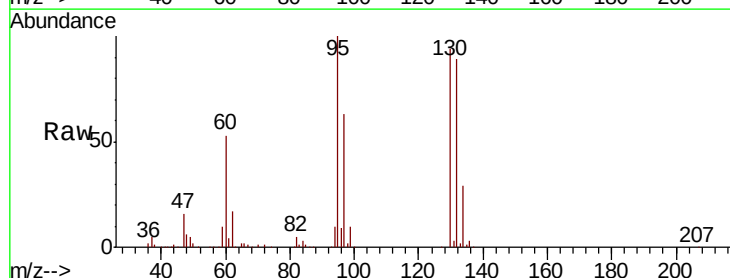
Acq: 28 Jun 2019 06:29

Tgt Ion:130 Resp: 104491

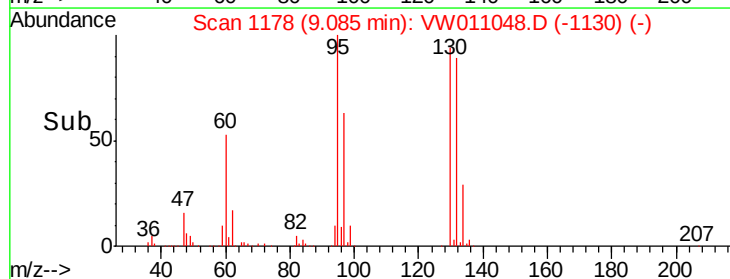
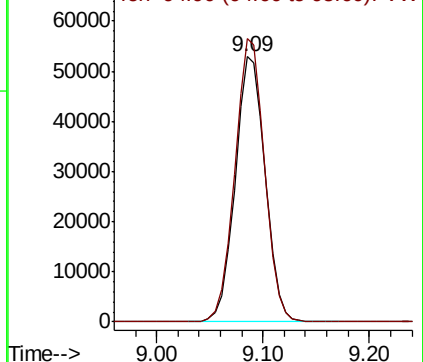
Ion Ratio Lower Upper

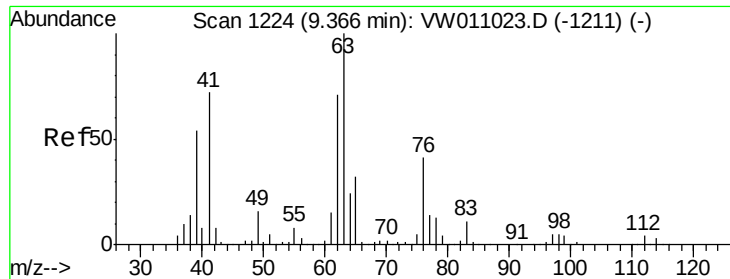
130 100

95 106.8 0.0 202.0



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

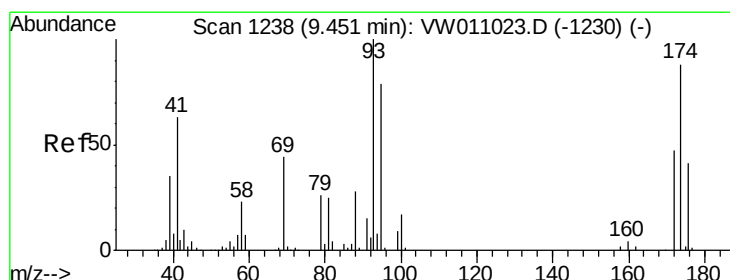
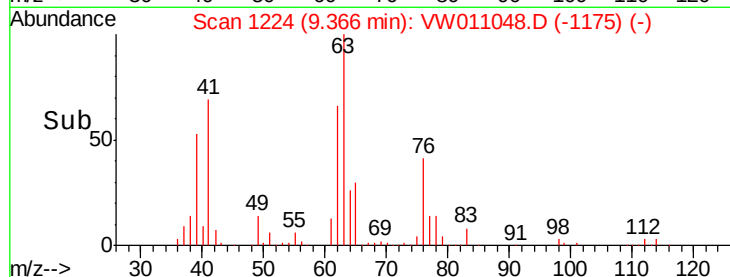
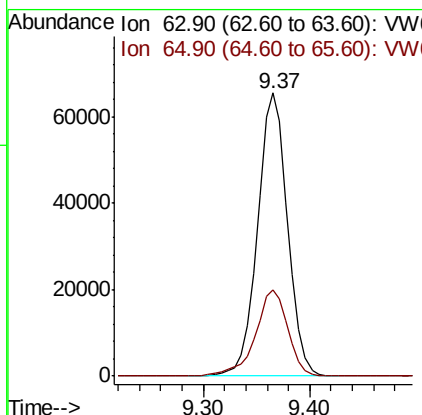
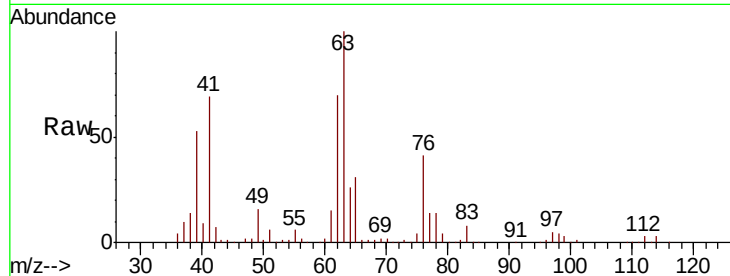




#45
 1,2-Dichloropropane
 Concen: 51.523 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

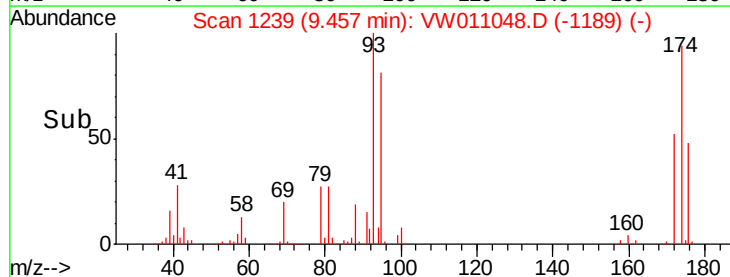
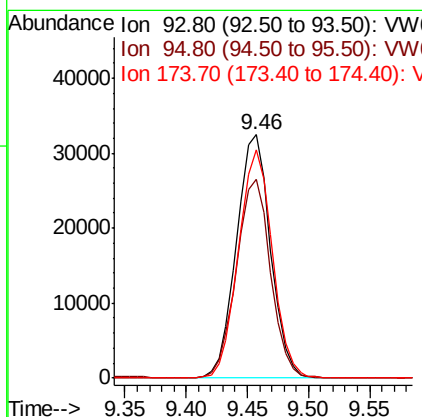
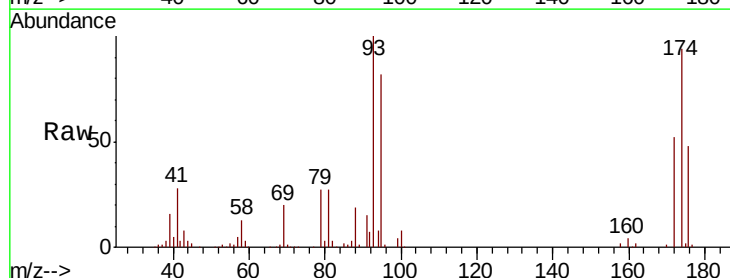
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

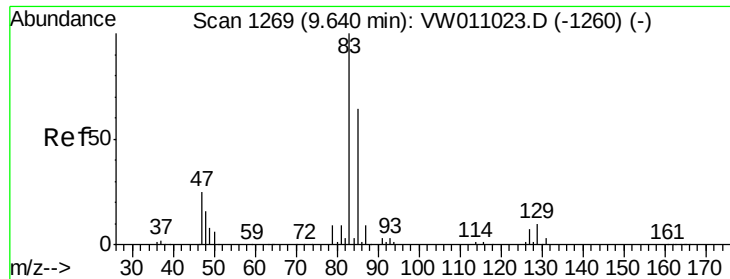
Tot Ion: 63 Resp: 128659
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.6 38.4



#46
 Dibromomethane
 Concen: 53.770 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion: 93 Resp: 62796
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.6
 174 93.4 75.4 113.0

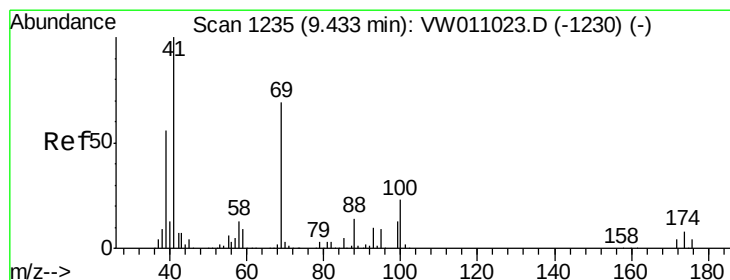
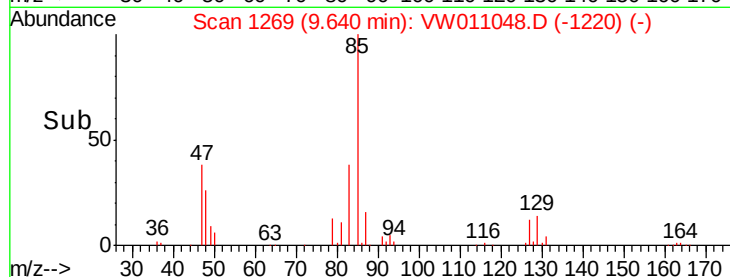
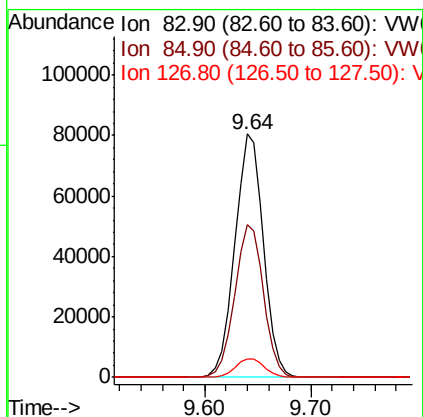
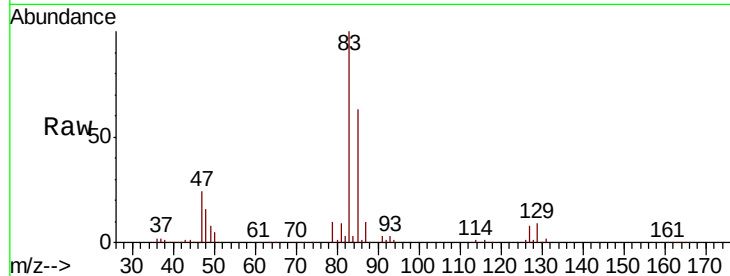




#47
Bromodichloromethane
Concen: 52.335 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

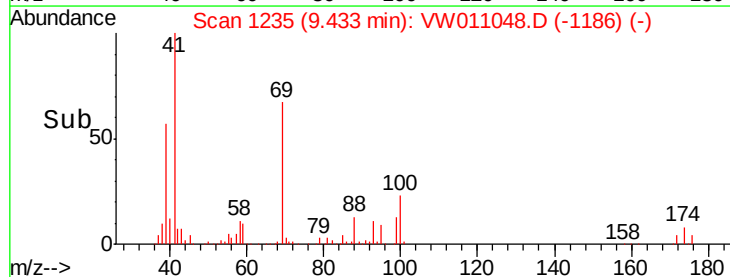
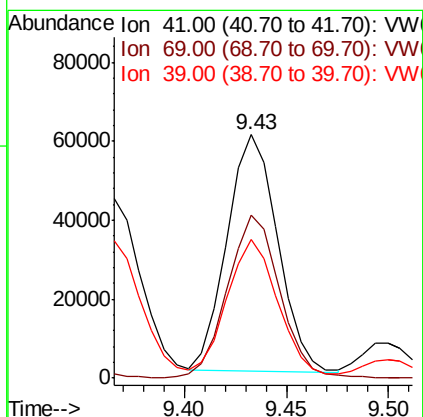
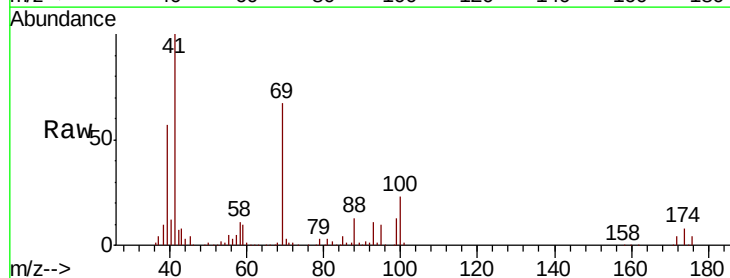
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

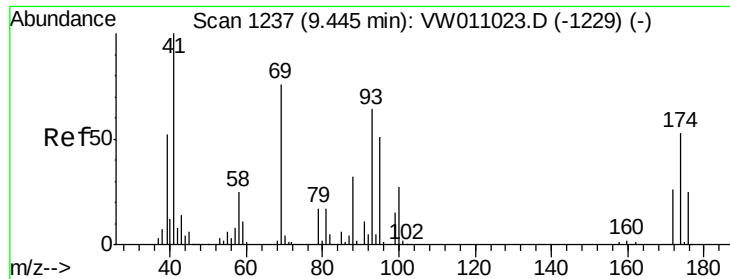
Tot Ion: 83 Resp: 151325
Ion Ratio Lower Upper
83 100
85 62.9 51.0 76.4
127 7.6 5.8 8.8



#48
Methyl methacrylate
Concen: 57.843 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 41 Resp: 103192
Ion Ratio Lower Upper
41 100
69 71.6 56.7 85.1
39 59.8 45.0 67.6





#49

1,4-Dioxane

Concen: 1170.434 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

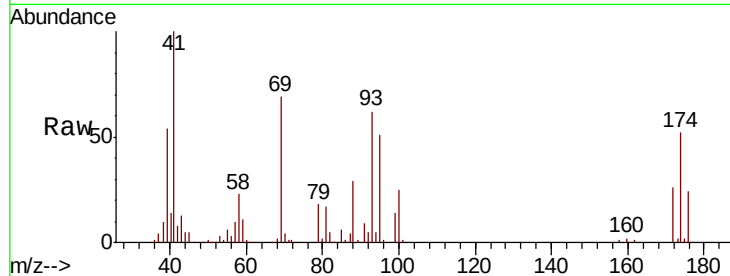
Tot Ion: 88 Resp: 22983

Ion Ratio Lower Upper

88 100

43 44.2 34.4 51.6

58 85.0 65.2 97.8

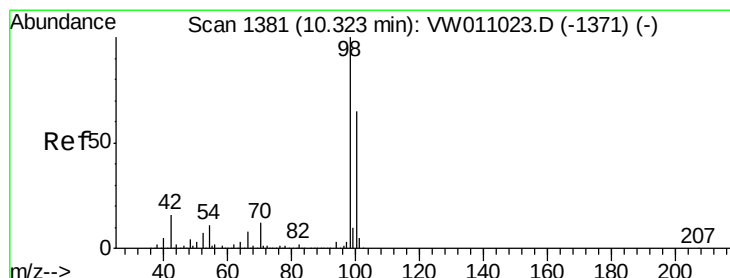
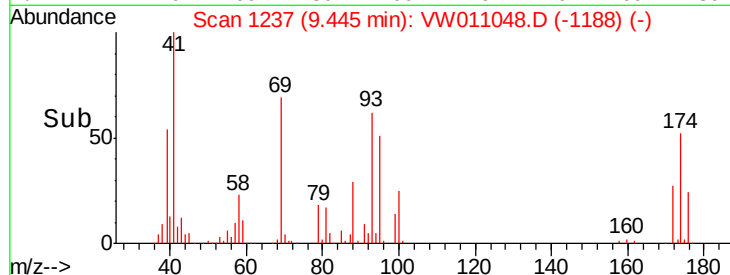
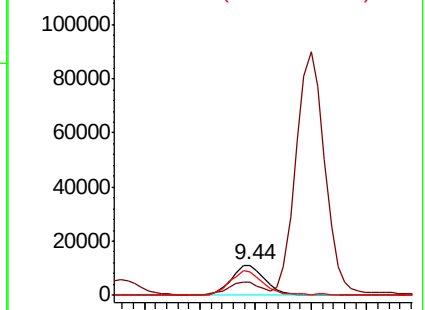


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.415 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011048.D

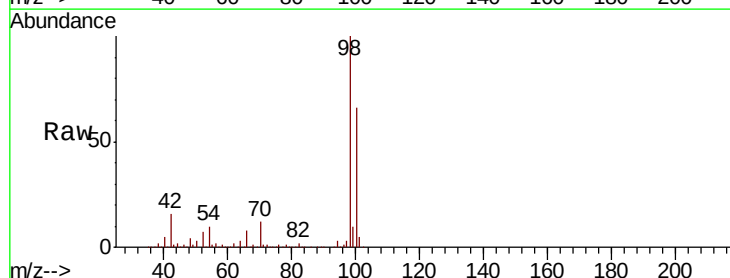
Acq: 28 Jun 2019 06:29

Tgt Ion: 98 Resp: 394178

Ion Ratio Lower Upper

98 100

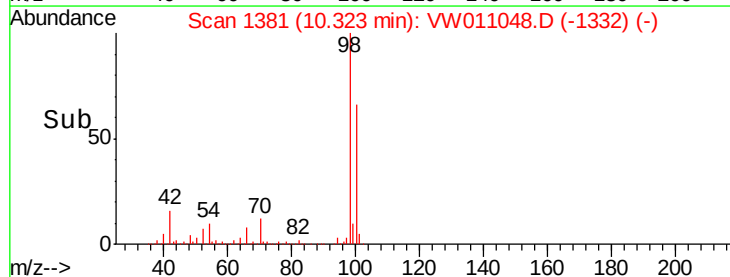
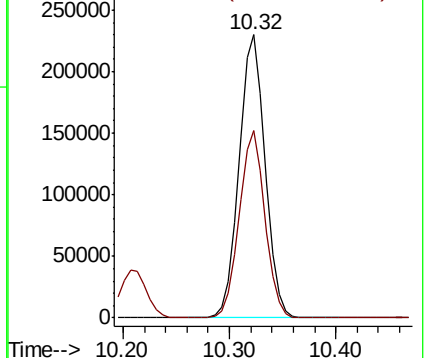
100 65.4 52.3 78.5

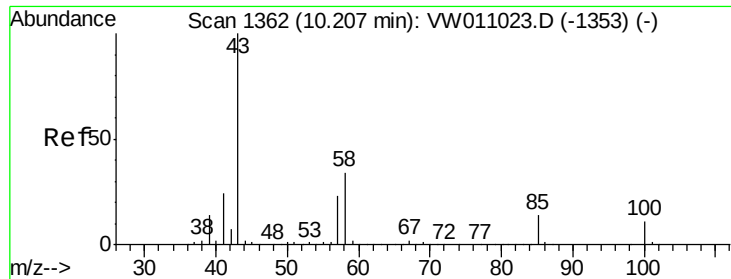


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

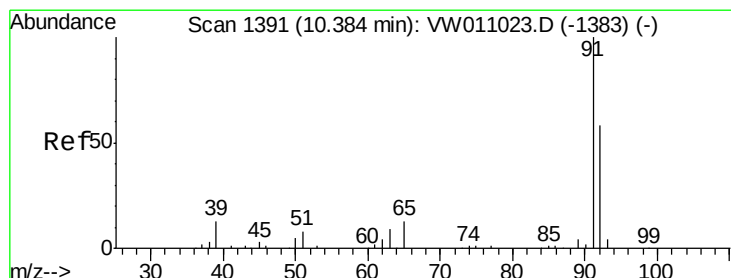
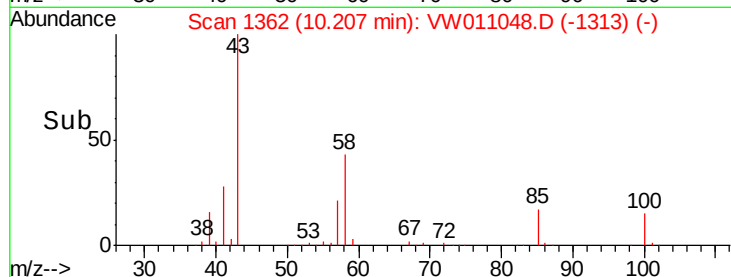
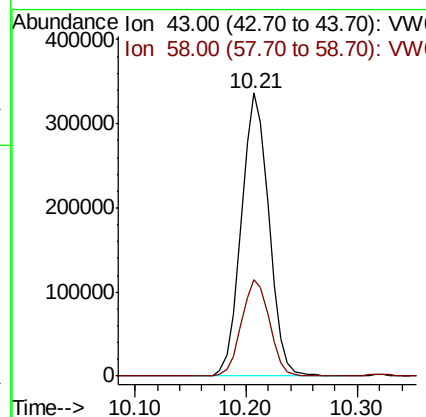
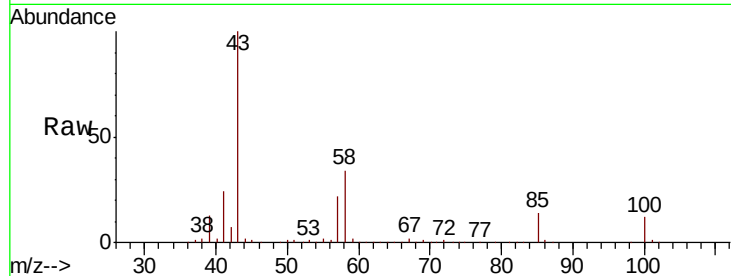




#51
4-Methyl-2-Pentanone
Concen: 297.362 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

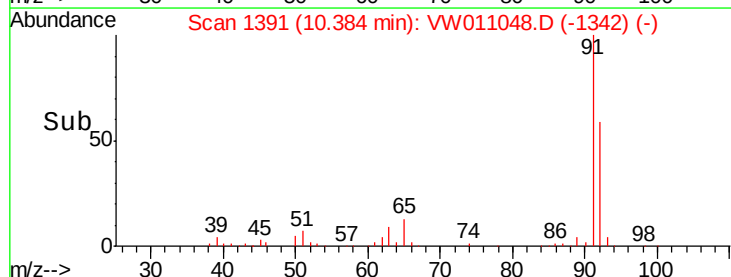
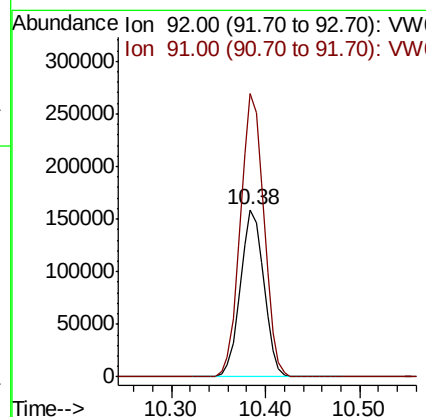
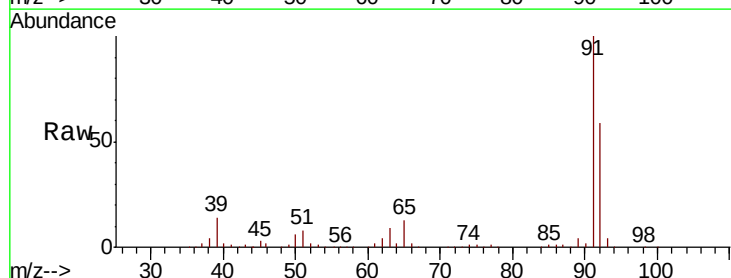
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

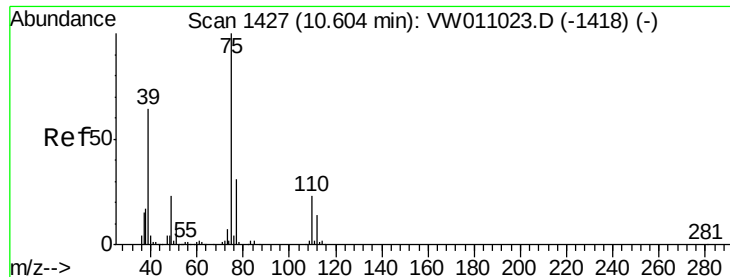
Tot Ion: 43 Resp: 575922
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.6



#52
Toluene
Concen: 48.937 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 92 Resp: 275507
Ion Ratio Lower Upper
92 100
91 170.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 50.422 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

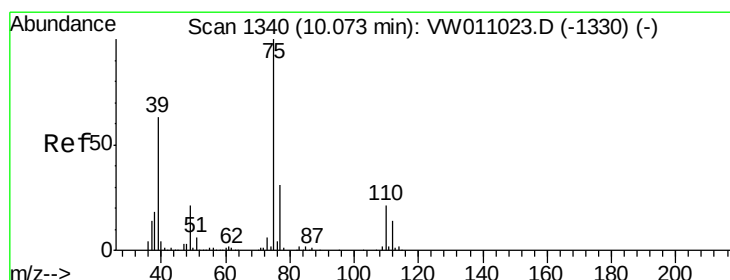
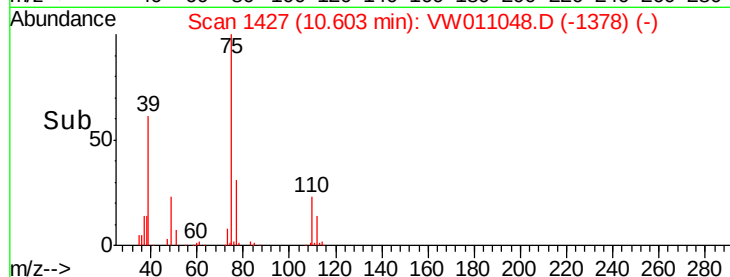
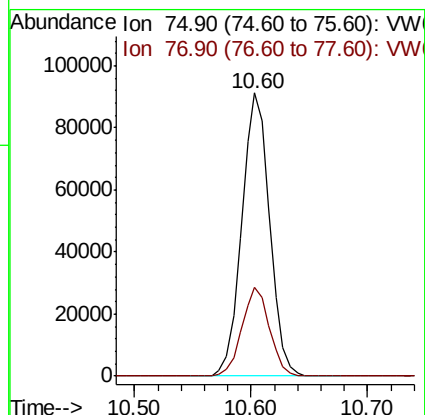
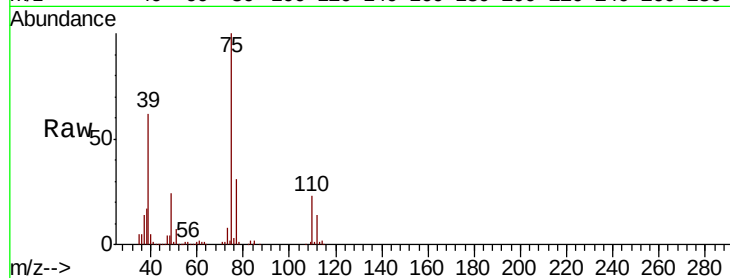
VSTDCCC050EC

Tot Ion: 75 Resp: 151858

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 50.068 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

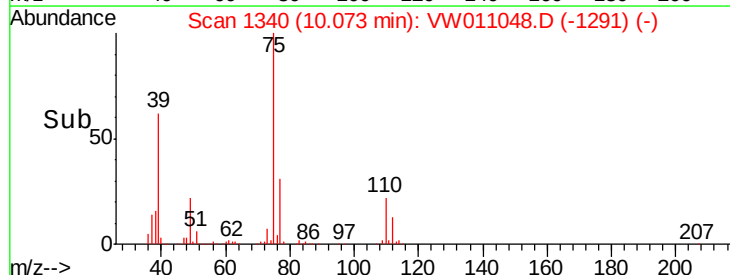
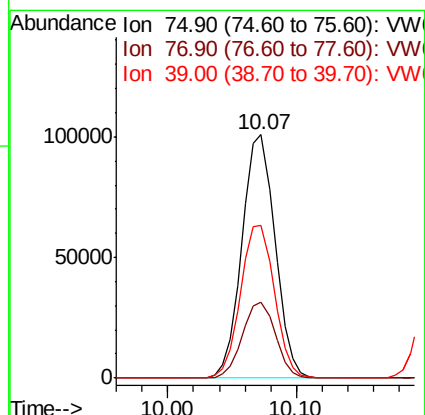
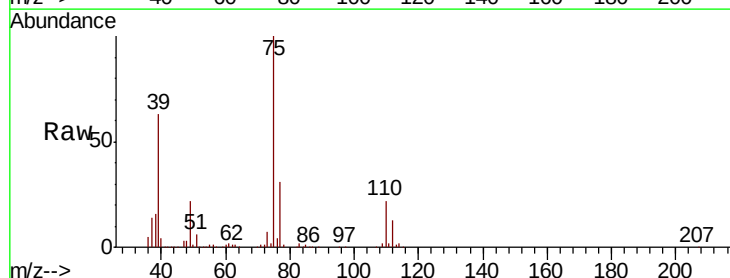
Tgt Ion: 75 Resp: 179877

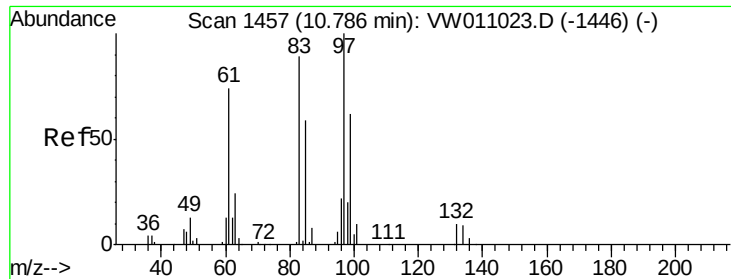
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 62.5 50.0 75.0

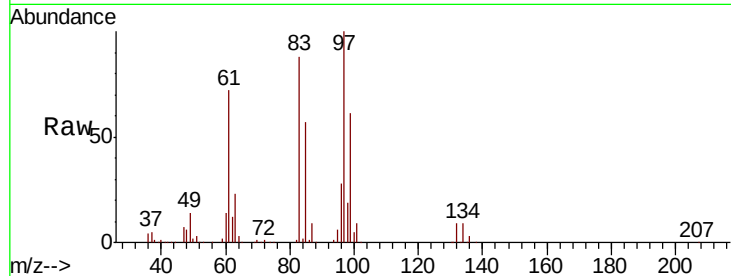




#55
 1,1,2-Trichloroethane
 Concen: 54.014 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 89122
 Ion Ratio Lower Upper
 97 100
 83 87.8 70.9 106.3
 85 56.8 47.2 70.8
 99 60.7 50.0 75.0



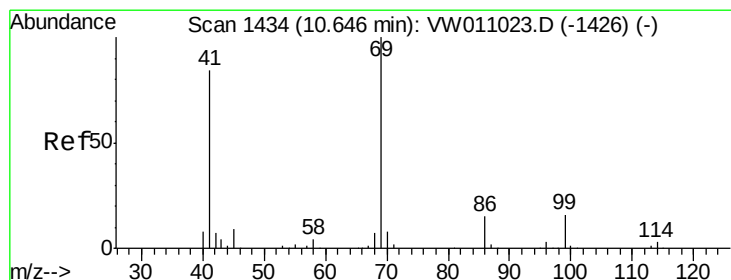
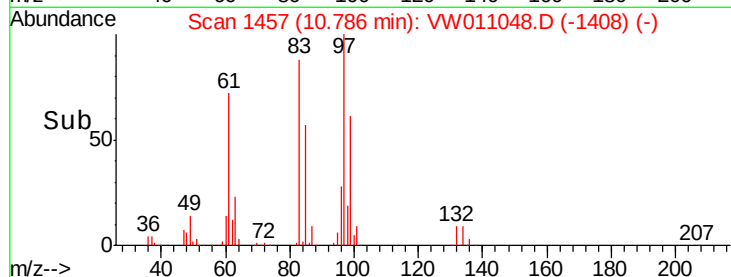
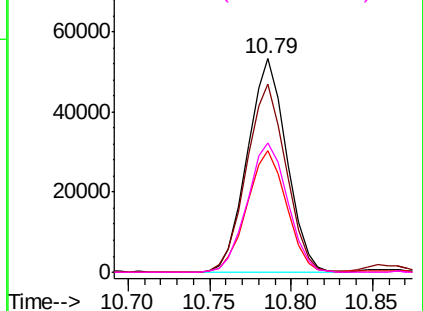
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

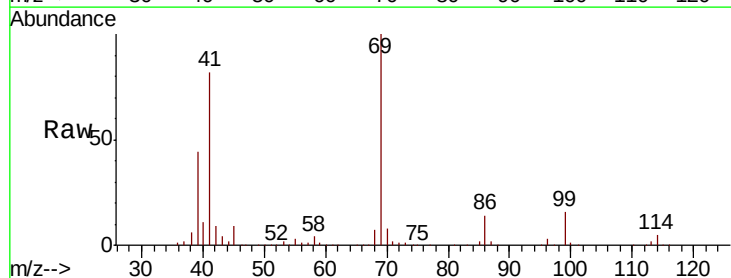
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 58.378 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion: 69 Resp: 144238
 Ion Ratio Lower Upper
 69 100
 41 83.8 67.9 101.9
 39 40.4 33.2 49.8

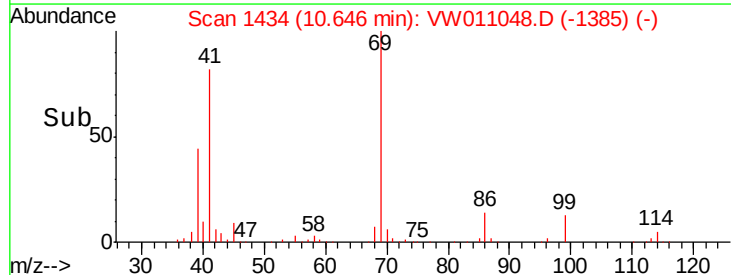
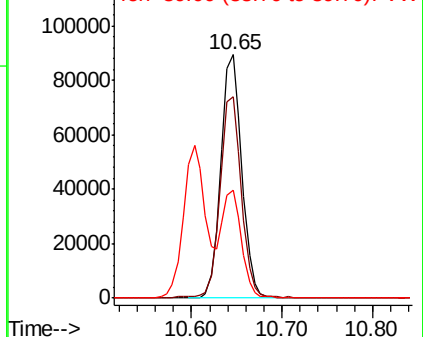


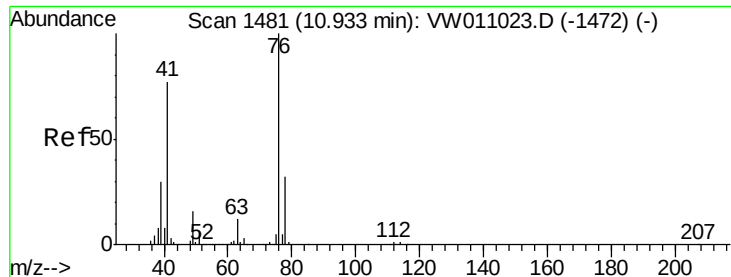
Abundance

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: 54.132 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

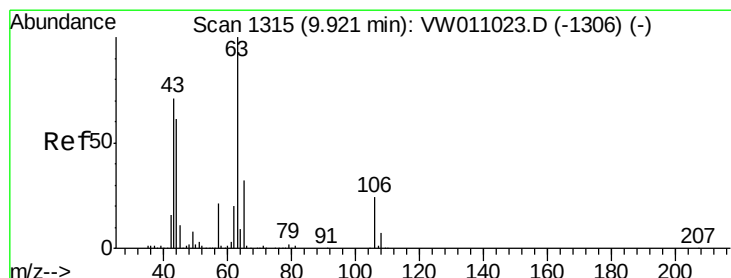
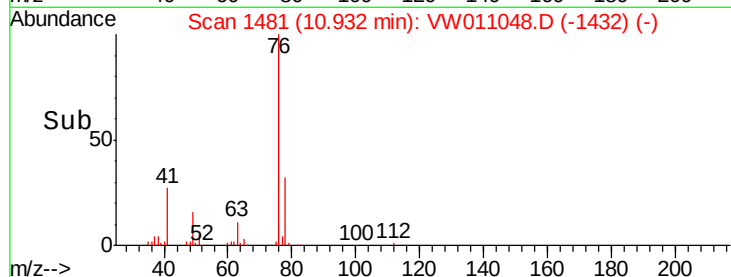
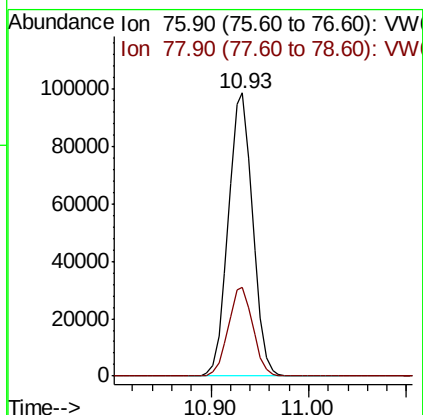
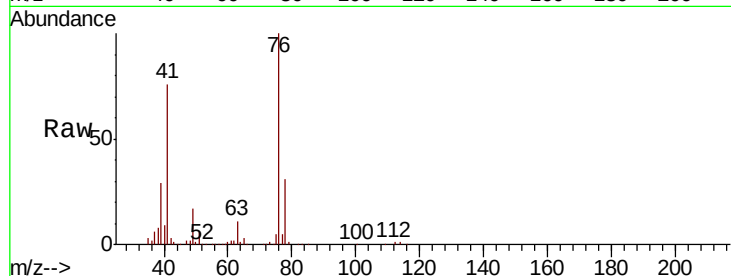
VSTDCCC050EC

Tot Ion: 76 Resp: 169896

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 261.997 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW011048.D

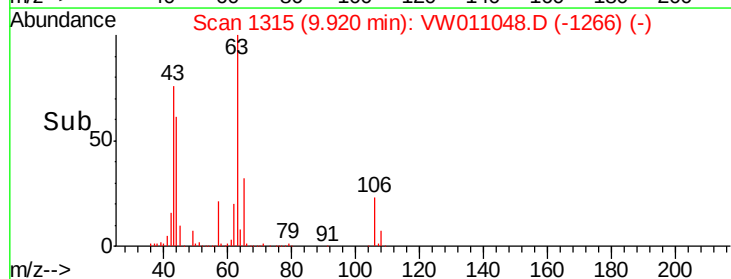
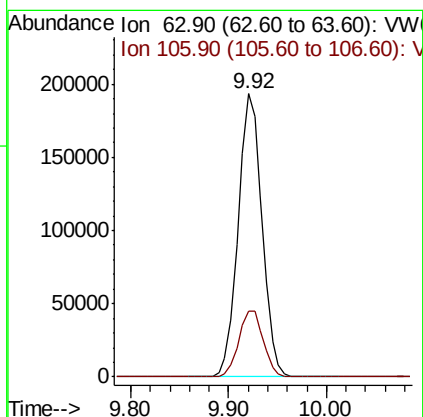
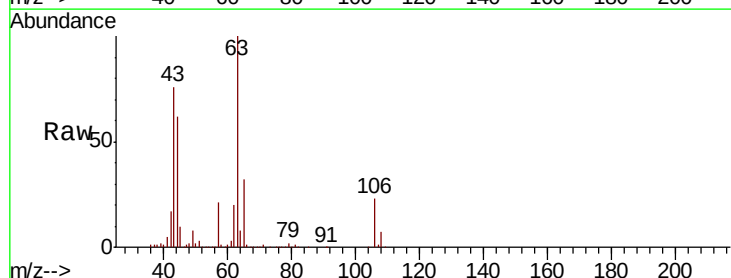
Acq: 28 Jun 2019 06:29

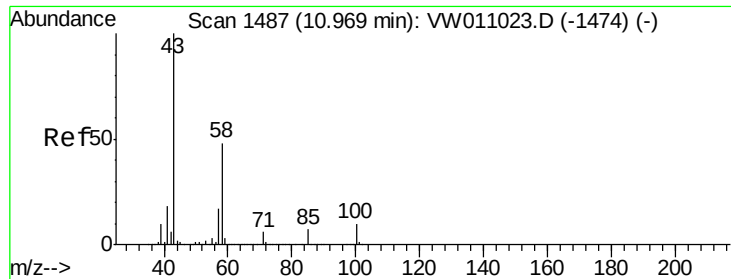
Tgt Ion: 63 Resp: 327531

Ion Ratio Lower Upper

63 100

106 24.0 19.4 29.0

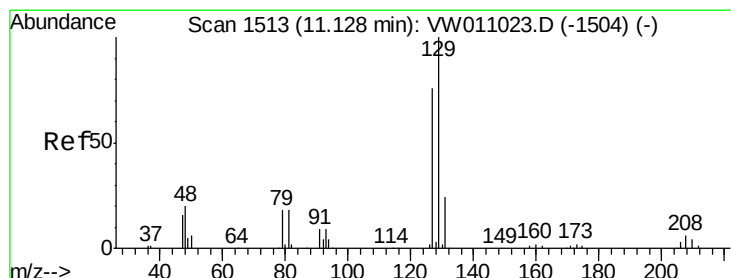
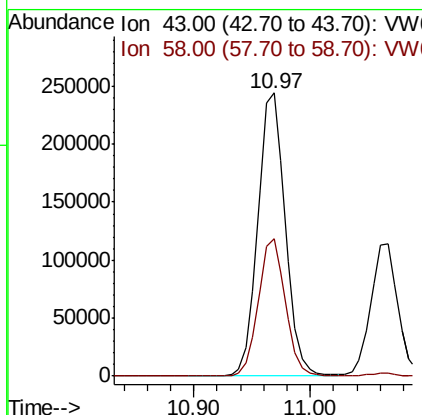
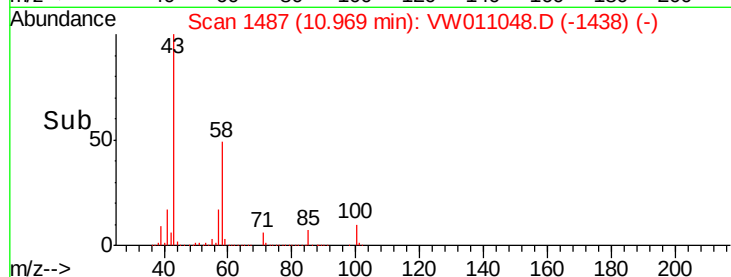
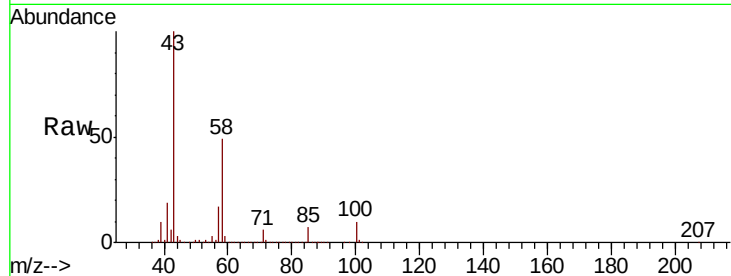




#59
2-Hexanone
Concen: 297.022 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

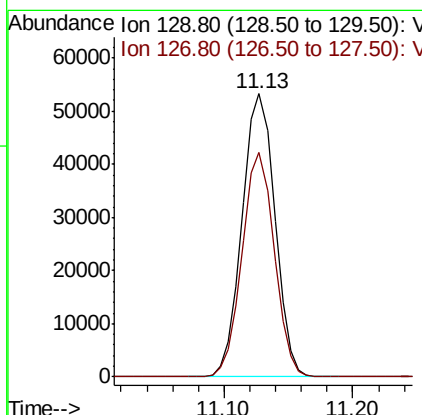
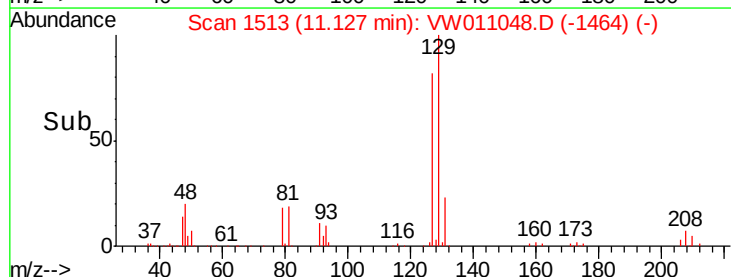
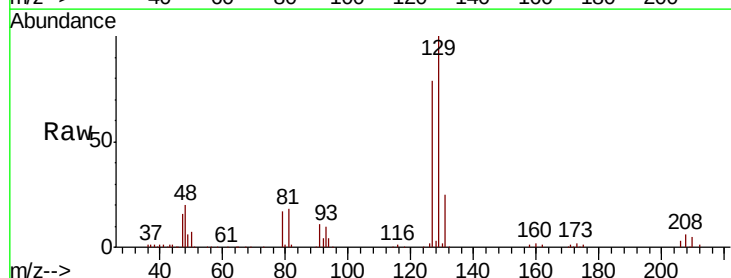
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

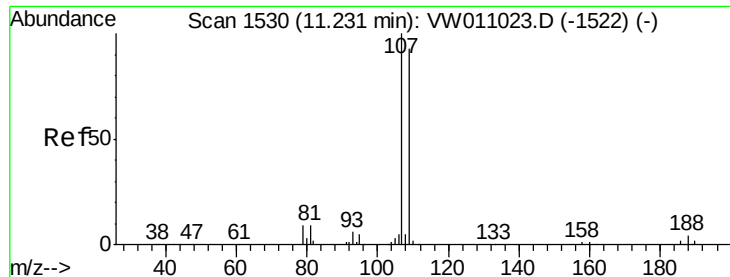
Tot Ion: 43 Resp: 401171
Ion Ratio Lower Upper
43 100
58 47.9 23.8 71.5



#60
Dibromochloromethane
Concen: 54.387 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion:129 Resp: 94103
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1





#61

1,2-Dibromoethane

Concen: 55.134 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

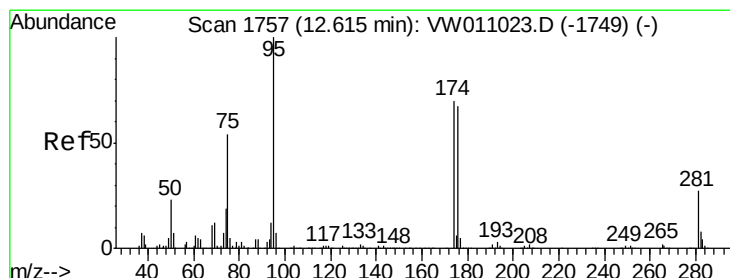
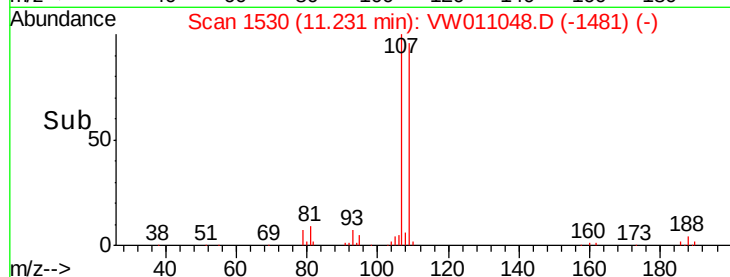
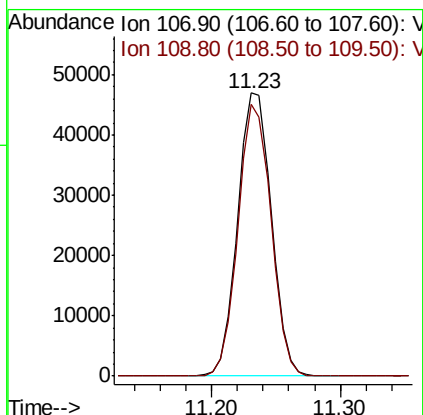
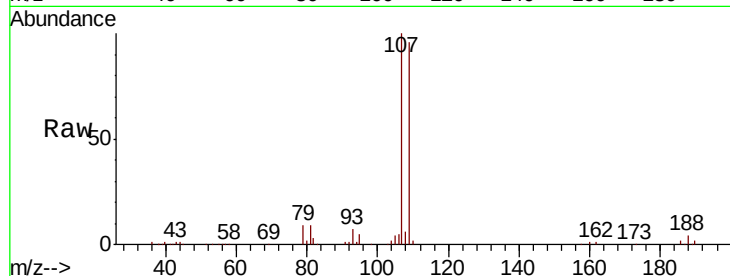
VSTDCCC050EC

Tot Ion:107 Resp: 85163

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 50.965 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

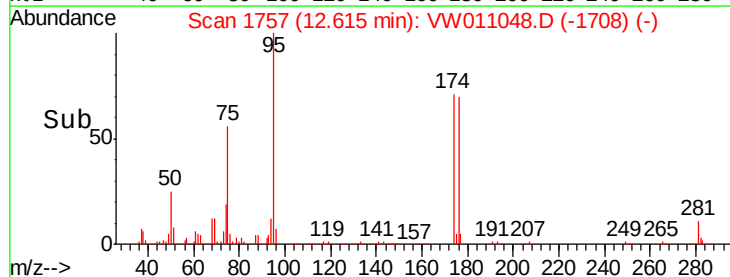
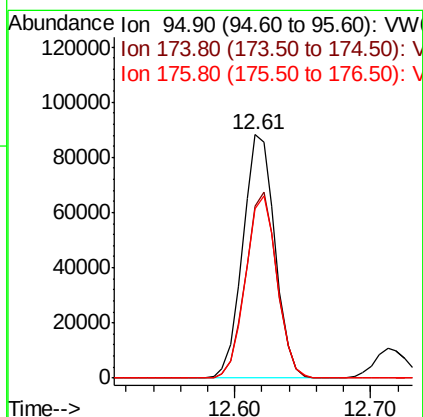
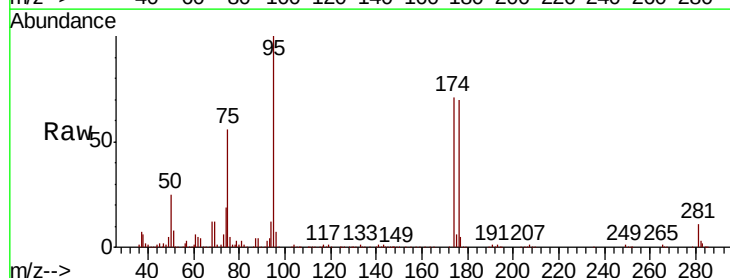
Tgt Ion: 95 Resp: 145743

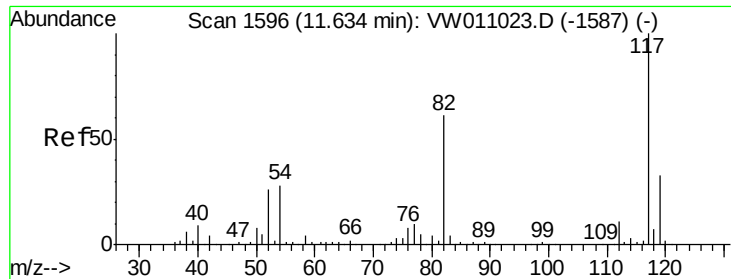
Ion Ratio Lower Upper

95 100

174 74.5 0.0 149.2

176 73.8 0.0 143.6

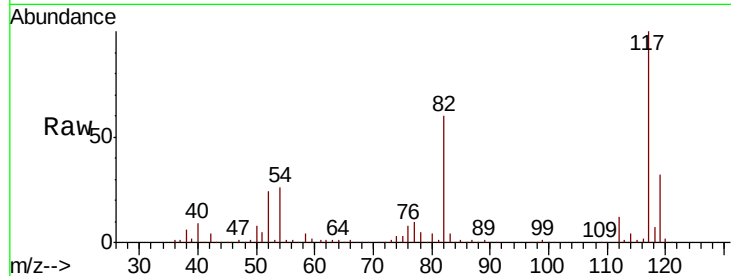




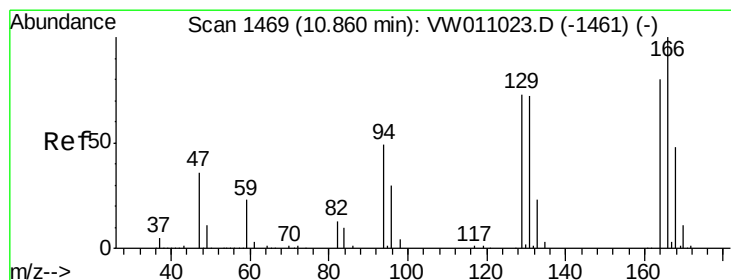
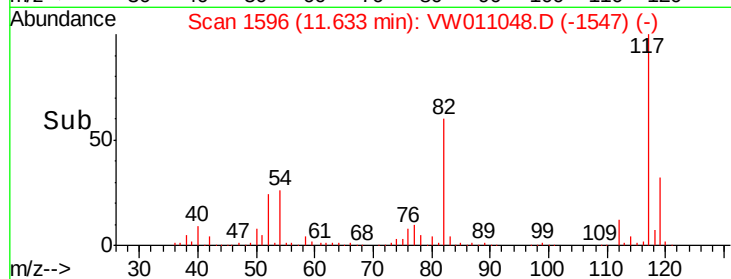
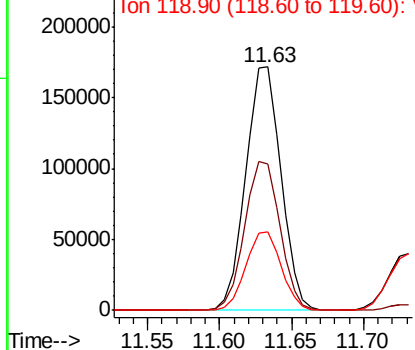
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 290998
Ion Ratio Lower Upper
117 100
82 60.0 48.6 73.0
119 32.1 26.1 39.1



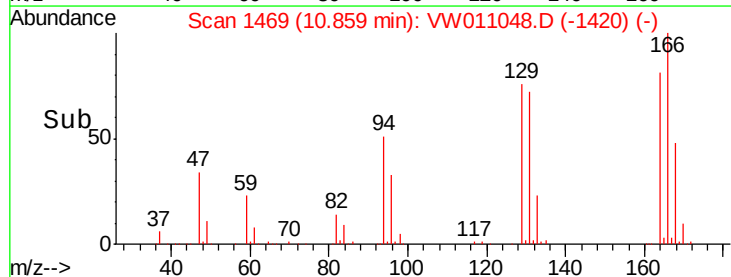
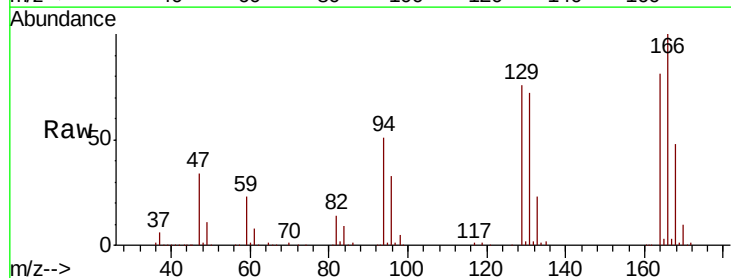
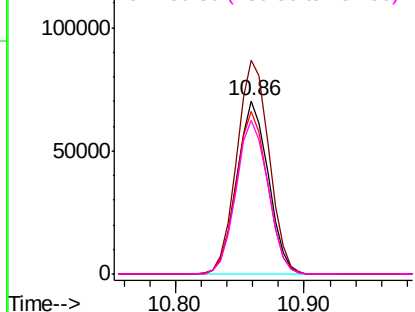
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

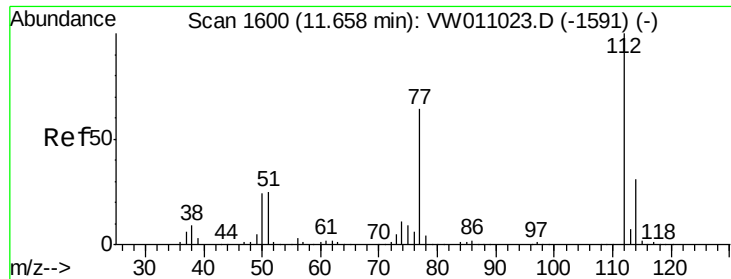


#64
Tetrachloroethene
Concen: 59.104 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion:164 Resp: 118361
Ion Ratio Lower Upper
164 100
166 123.6 99.8 149.6
129 94.4 73.0 109.4
131 88.9 71.4 107.0

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

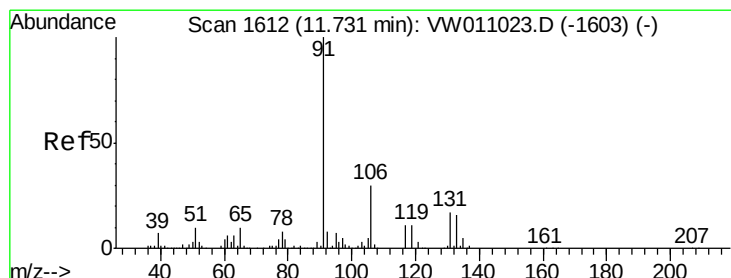
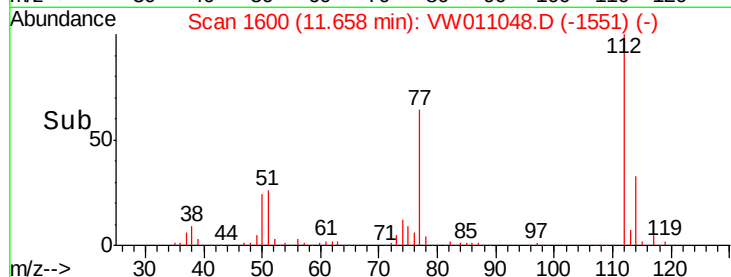
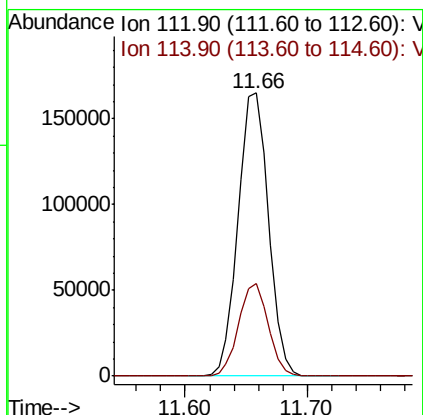
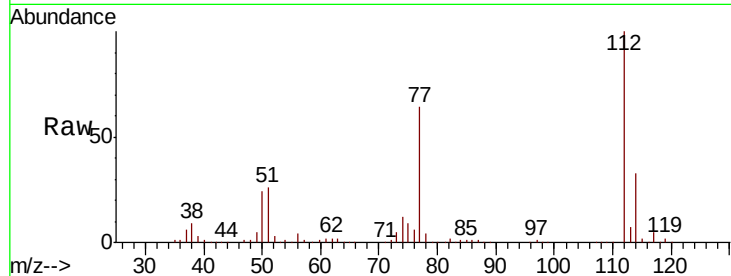




#65
Chlorobenzene
Concen: 47.857 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

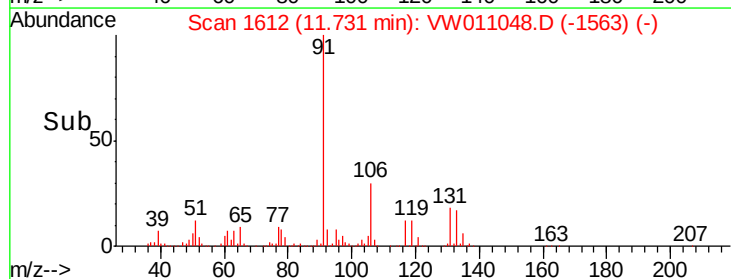
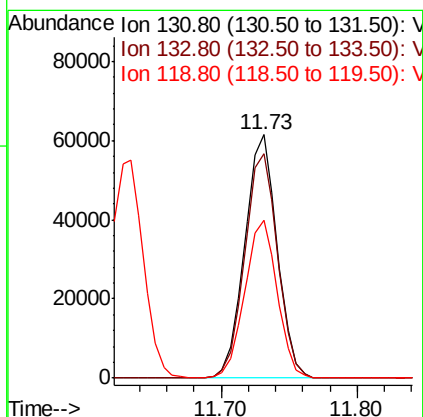
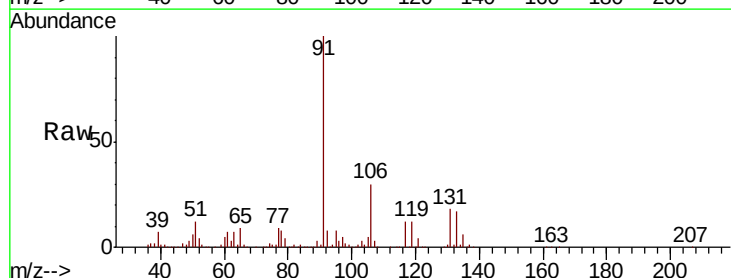
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

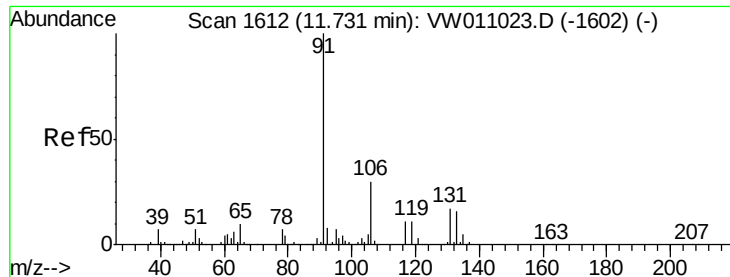
Tot Ion:112 Resp: 285071
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.595 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion:131 Resp: 102325
Ion Ratio Lower Upper
131 100
133 93.8 47.7 143.1
119 65.1 33.1 99.2

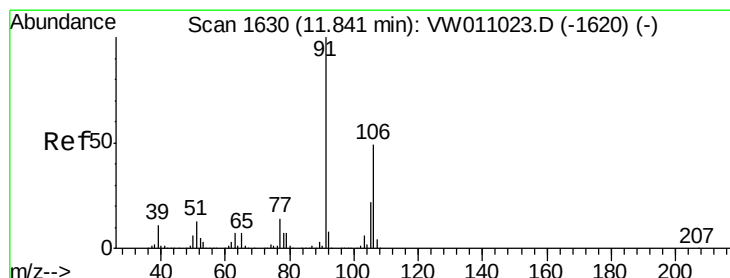
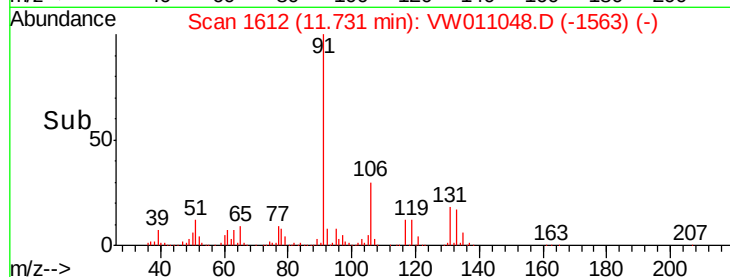
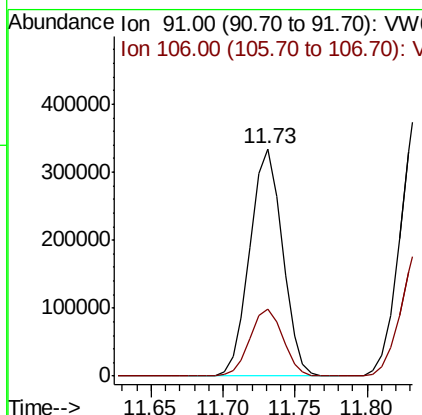
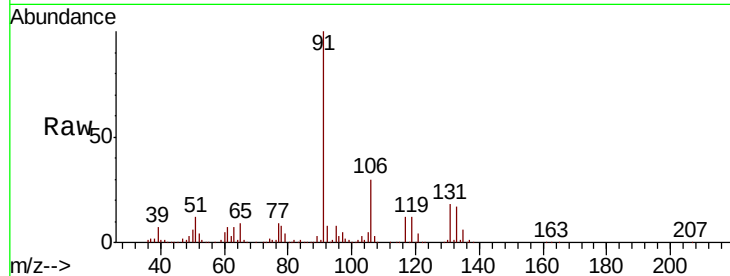




#67
Ethyl Benzene
Concen: 46.142 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

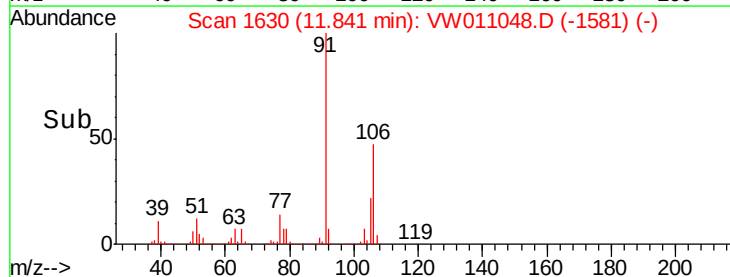
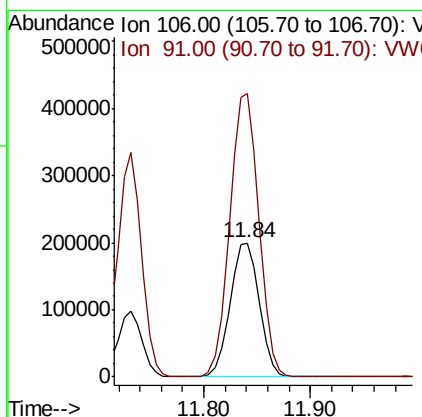
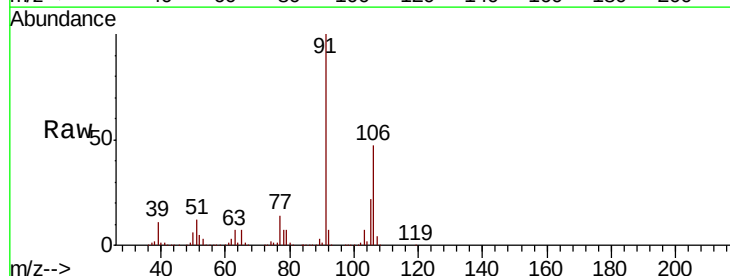
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

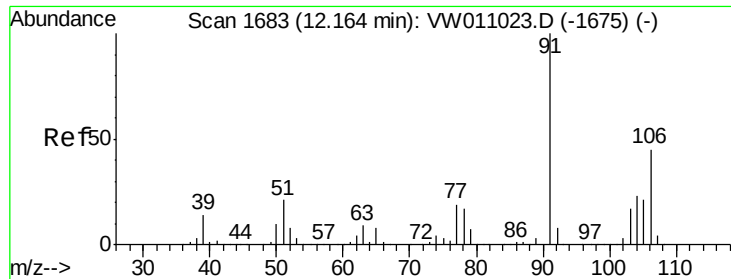
Tot Ion: 91 Resp: 526431
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 92.163 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 106 Resp: 381543
Ion Ratio Lower Upper
106 100
91 210.9 167.5 251.3

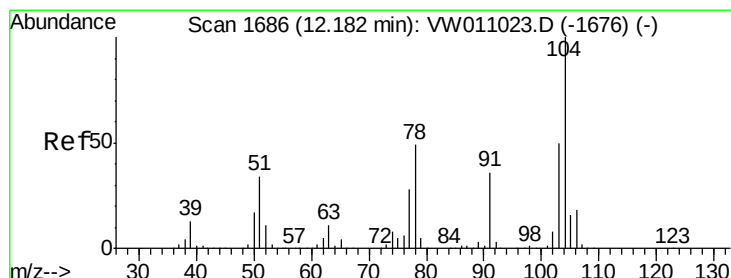
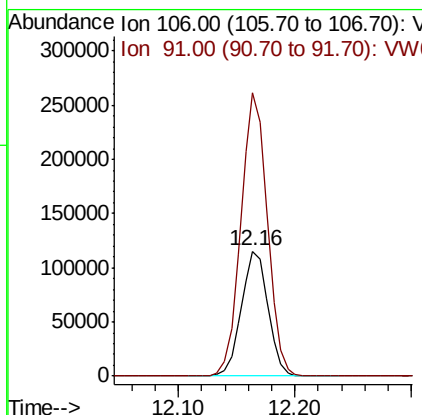
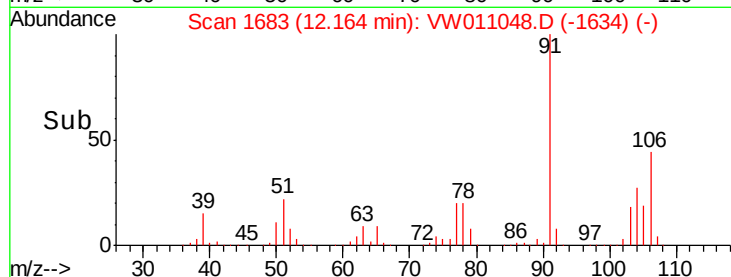
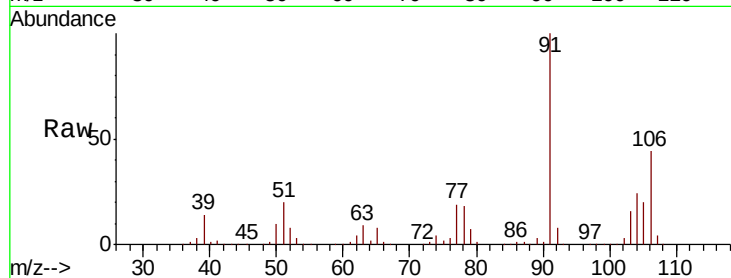




#69
o-Xylene
Concen: 47.923 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

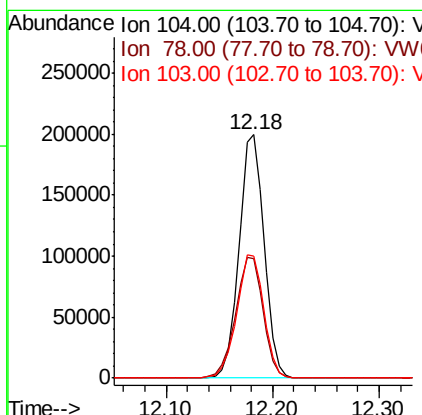
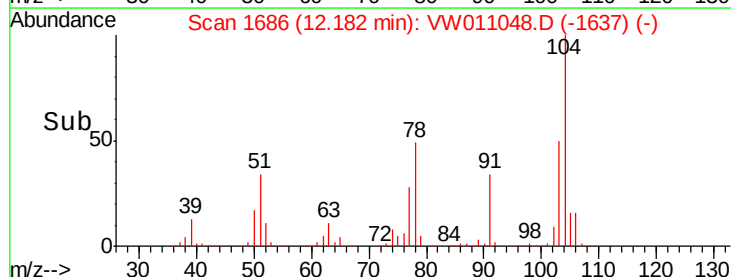
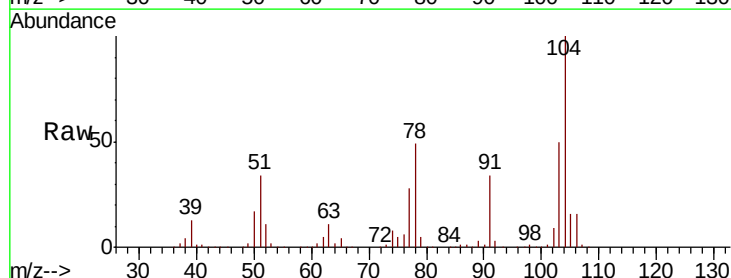
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

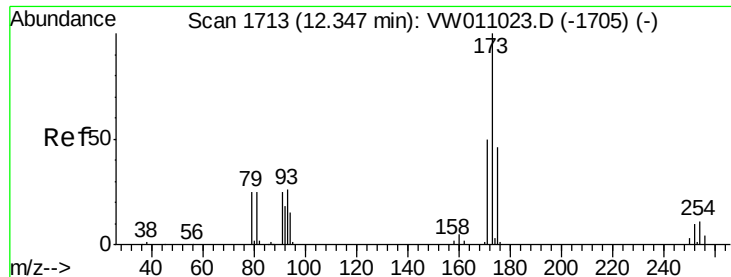
Tot Ion:106 Resp: 184790
Ion Ratio Lower Upper
106 100
91 223.9 110.8 332.3



#70
Styrene
Concen: 49.230 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion:104 Resp: 329870
Ion Ratio Lower Upper
104 100
78 54.4 43.7 65.5
103 54.8 43.9 65.9





#71

Bromoform

Concen: 54.812 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

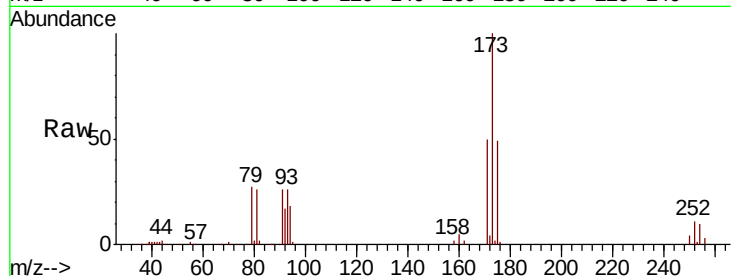
Tot Ion:173 Resp: 54042

Ion Ratio Lower Upper

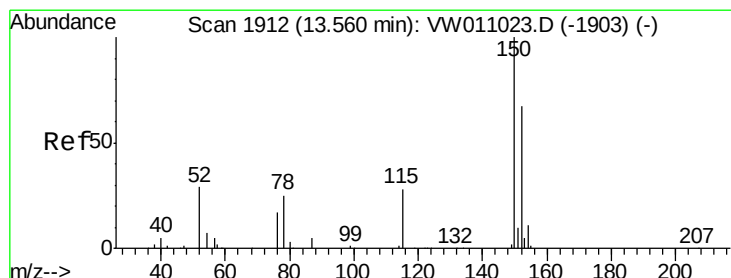
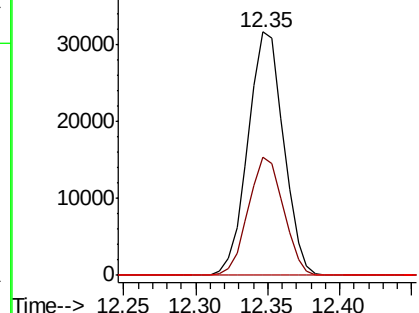
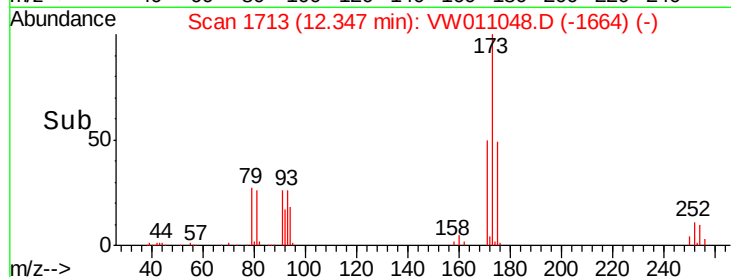
173 100

175 48.3 24.1 72.2

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

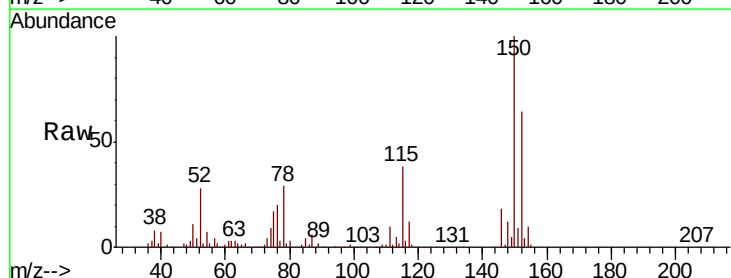
Tgt Ion:152 Resp: 142795

Ion Ratio Lower Upper

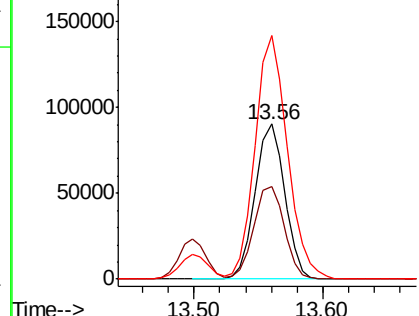
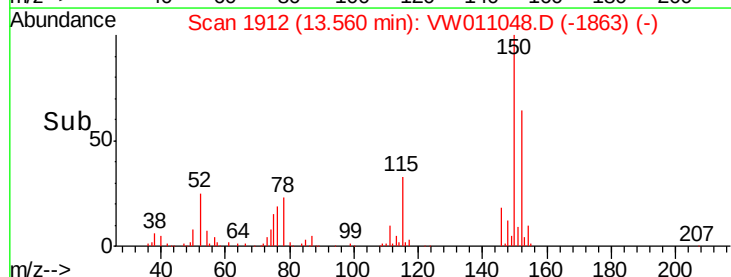
152 100

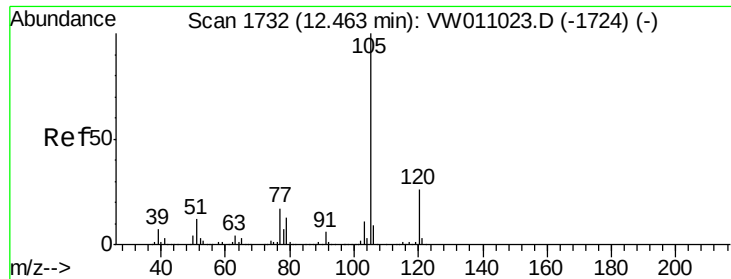
115 61.5 30.7 92.1

150 171.4 0.0 341.8



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





#73

Isopropylbenzene

Concen: 45.874 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

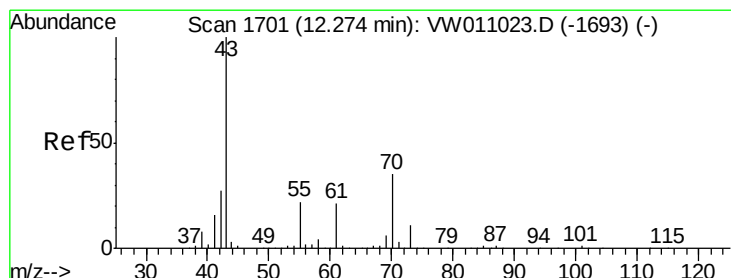
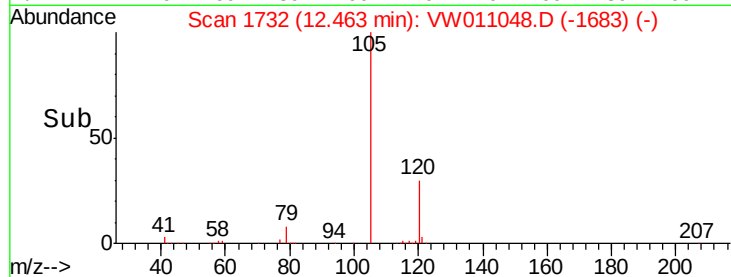
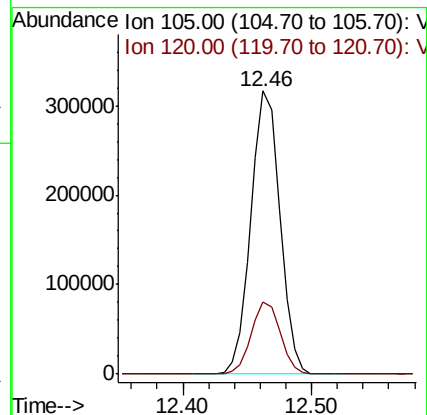
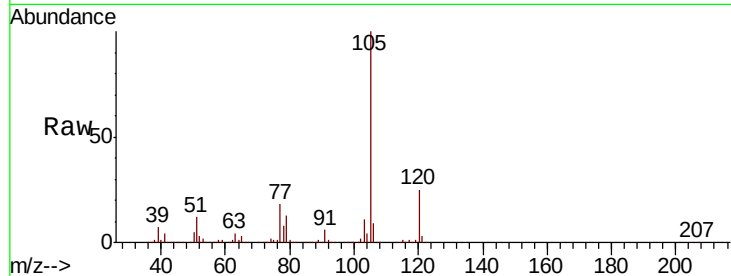
VSTDCCC050EC

Tot Ion:105 Resp: 490728

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



#74

N-ethyl acetate

Concen: 54.767 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Tgt Ion: 43 Resp: 196754

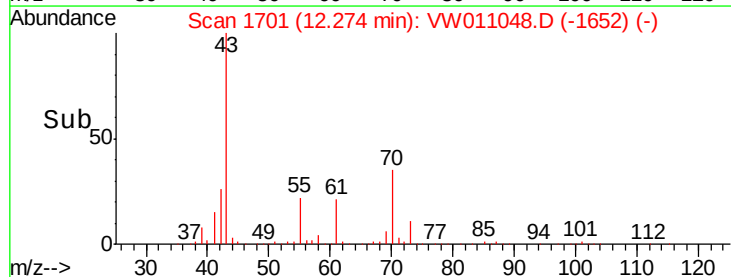
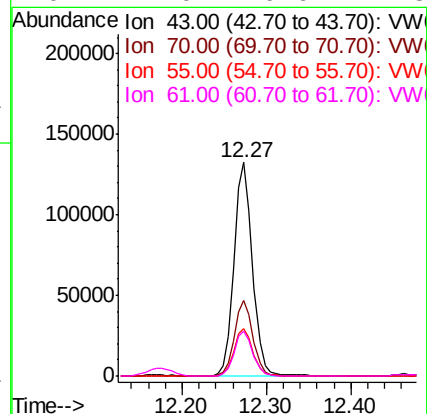
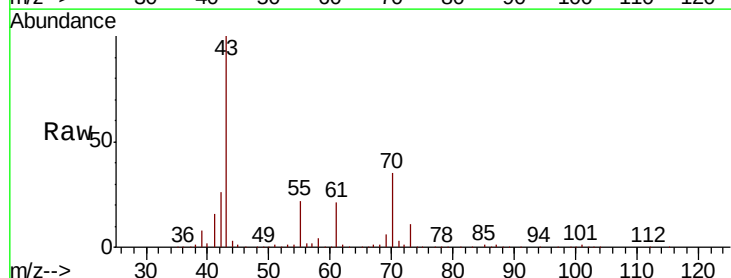
Ion Ratio Lower Upper

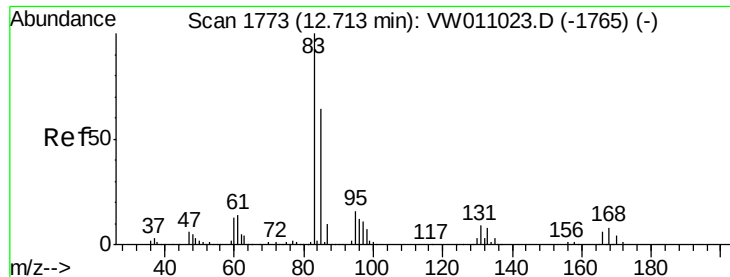
43 100

70 35.6 28.2 42.4

55 23.0 17.8 26.8

61 21.0 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.708 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

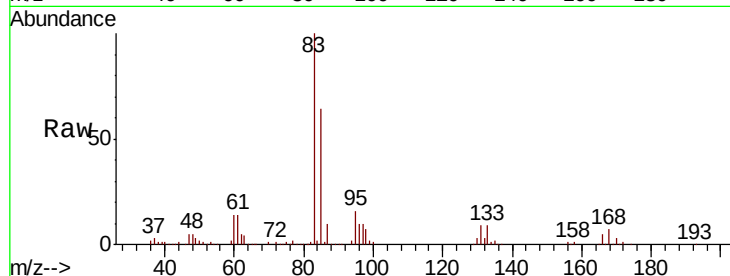
Tot Ion: 83 Resp: 112823

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

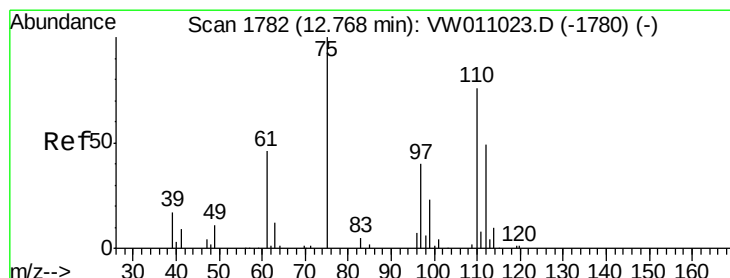
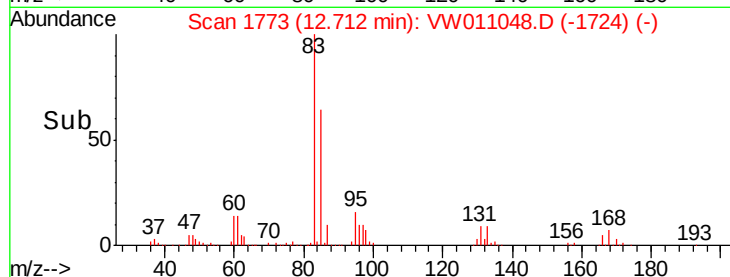
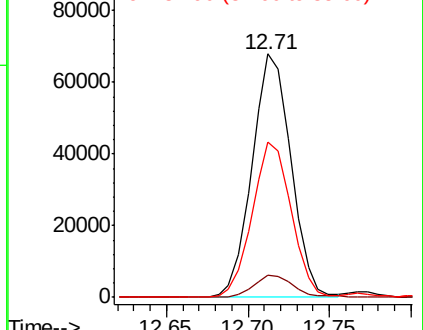
85 63.7 31.8 95.4



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: 94.876 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011048.D

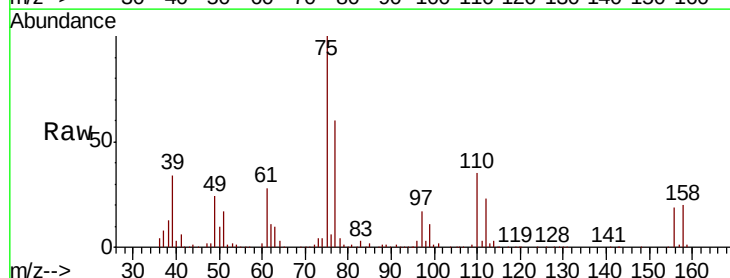
Acq: 28 Jun 2019 06:29

Tgt Ion: 75 Resp: 143030

Ion Ratio Lower Upper

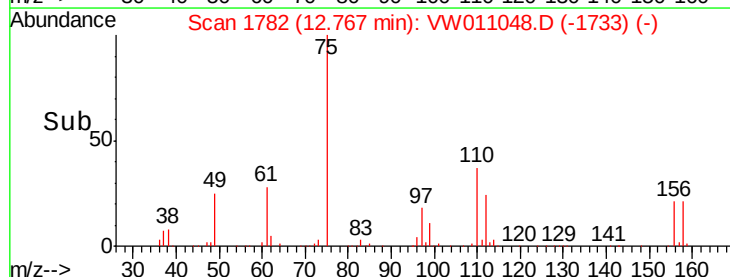
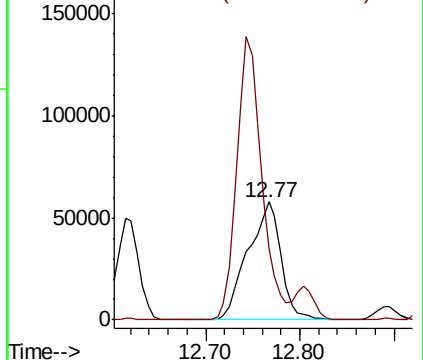
75 100

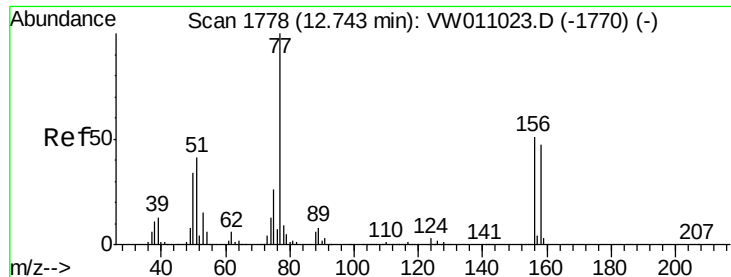
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.835 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

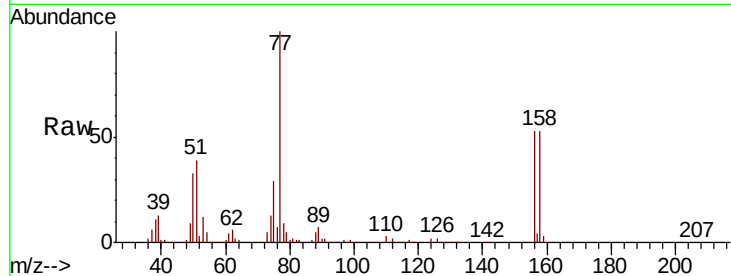
Tot Ion:156 Resp: 117177

Ion Ratio Lower Upper

156 100

77 218.8 109.5 328.5

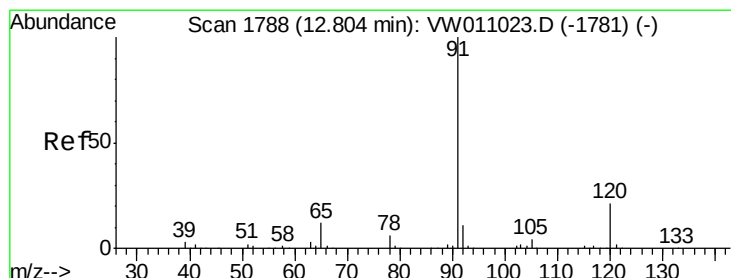
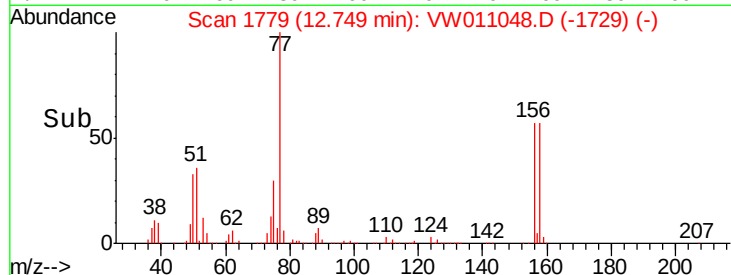
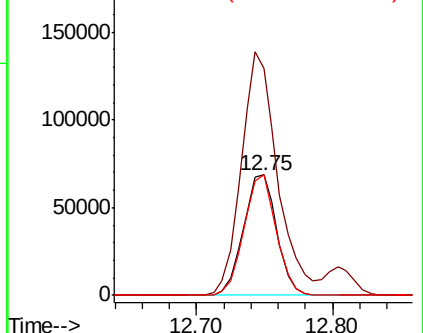
158 97.0 48.6 145.9



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: 44.972 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011048.D

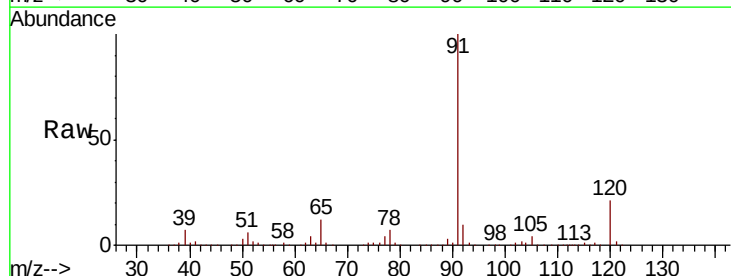
Acq: 28 Jun 2019 06:29

Tgt Ion: 91 Resp: 595745

Ion Ratio Lower Upper

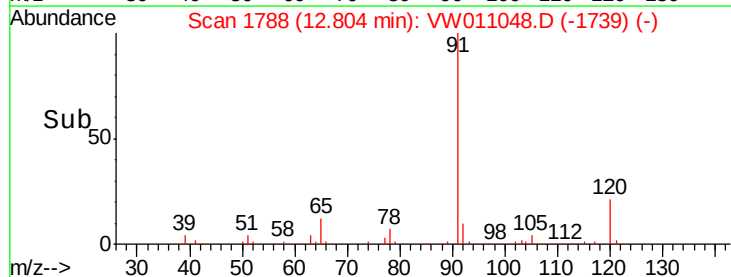
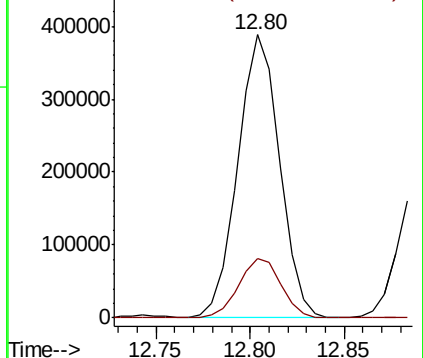
91 100

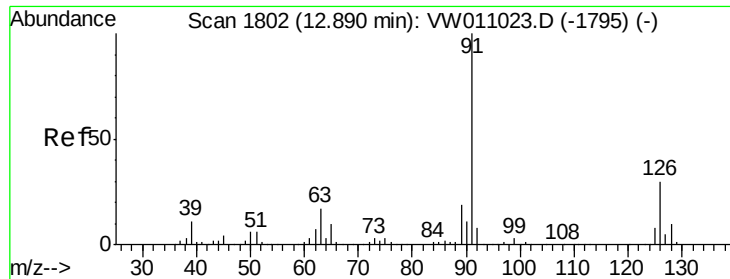
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.218 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

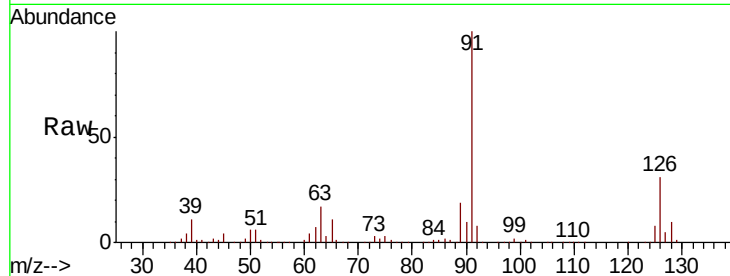
VSTDCCC050EC

Tot Ion: 91 Resp: 357351

Ion Ratio Lower Upper

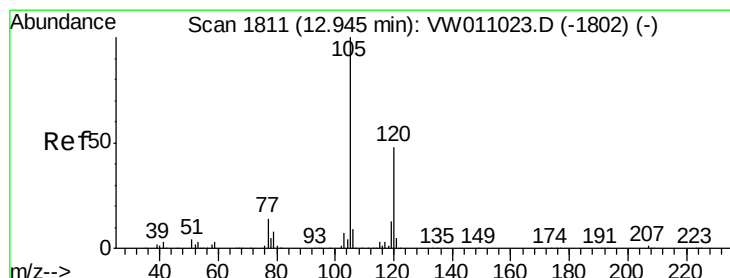
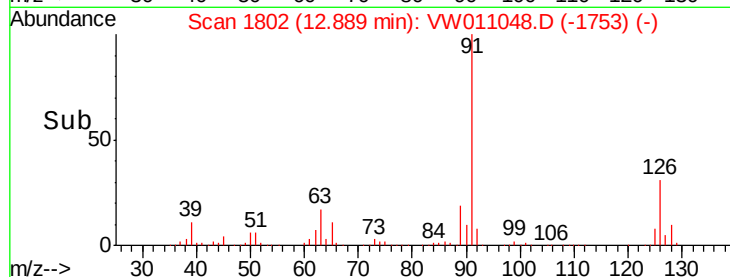
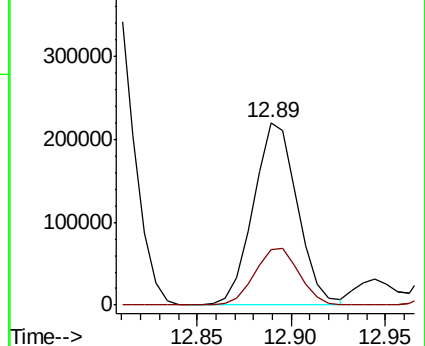
91 100

126 31.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.020 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011048.D

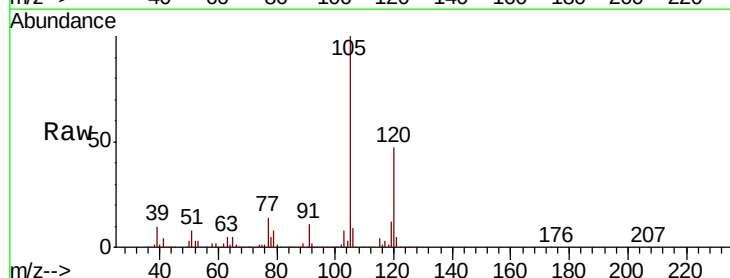
Acq: 28 Jun 2019 06:29

Tgt Ion:105 Resp: 426325

Ion Ratio Lower Upper

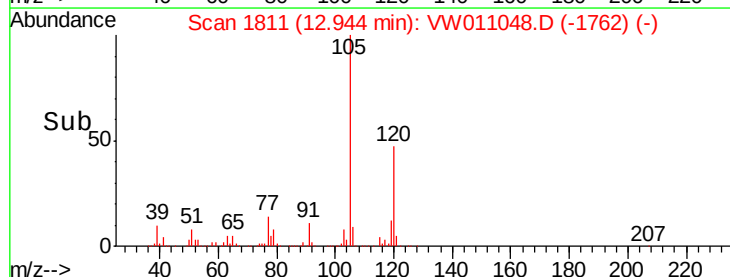
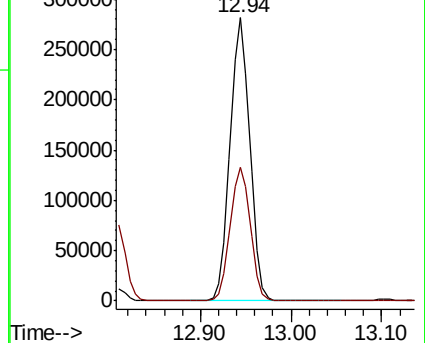
105 100

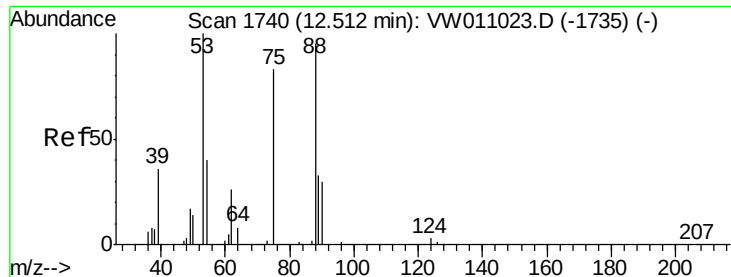
120 48.0 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

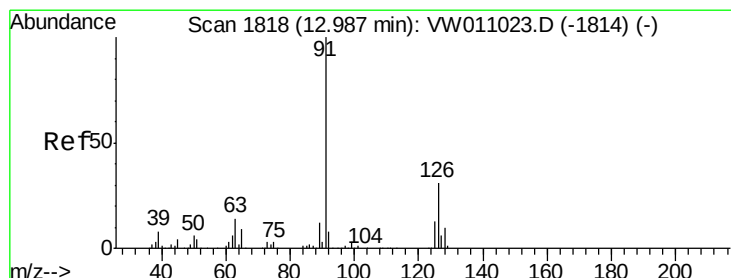
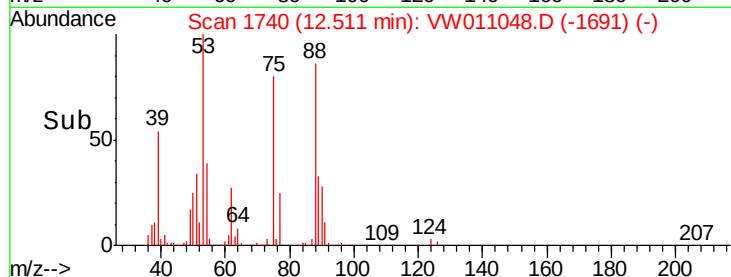
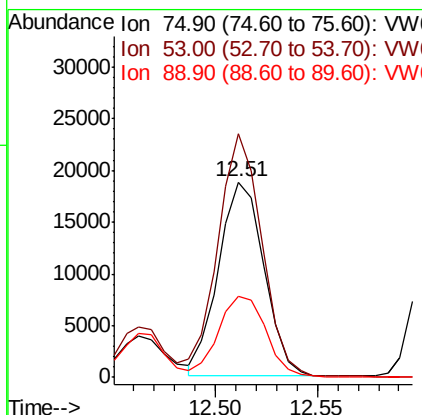
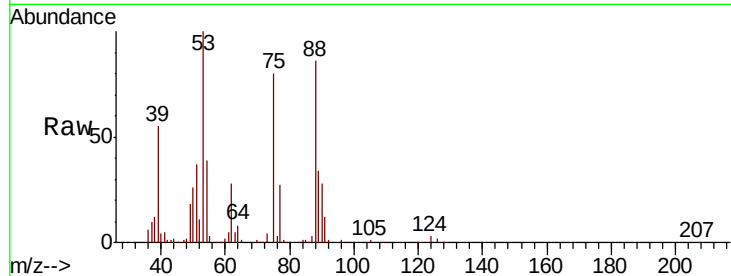




#81
trans-1,4-Dichloro-2-butene
Concen: 41.730 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

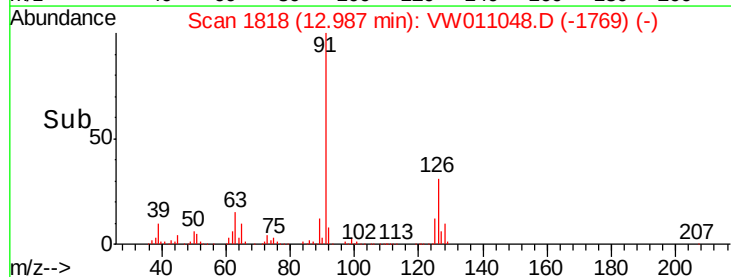
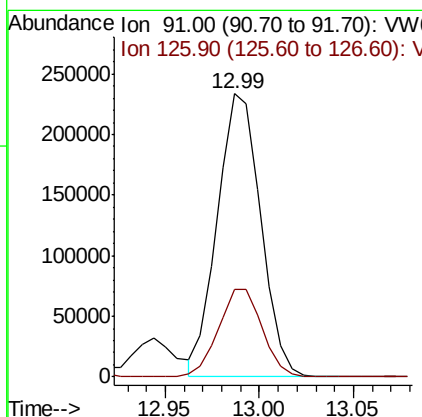
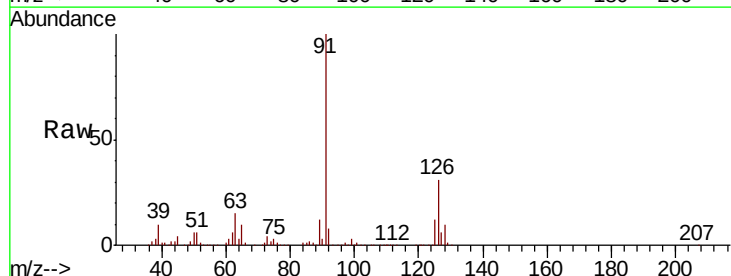
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

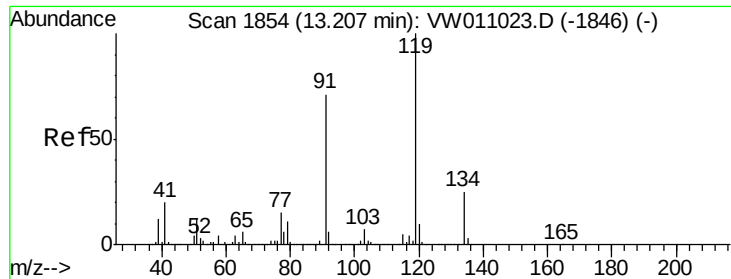
Tot Ion: 75 Resp: 29043
Ion Ratio Lower Upper
75 100
53 121.6 95.6 143.4
89 43.7 34.4 51.6



#82
4-Chlorotoluene
Concen: 47.193 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 91 Resp: 372208
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.1

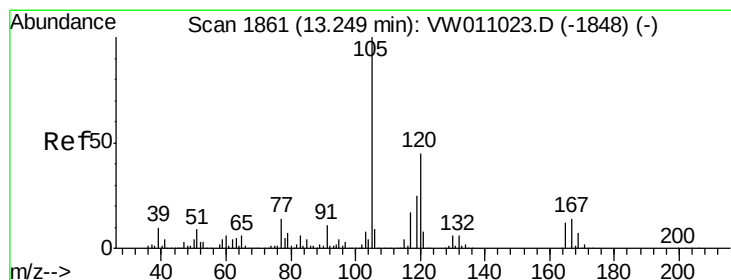
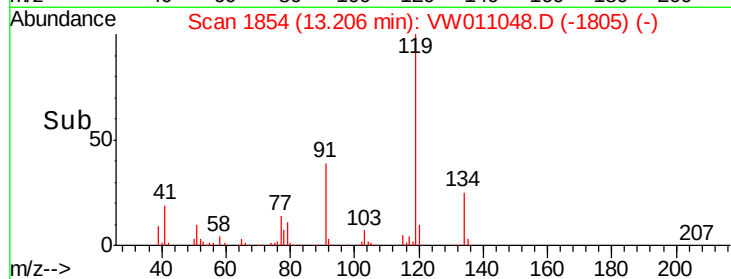
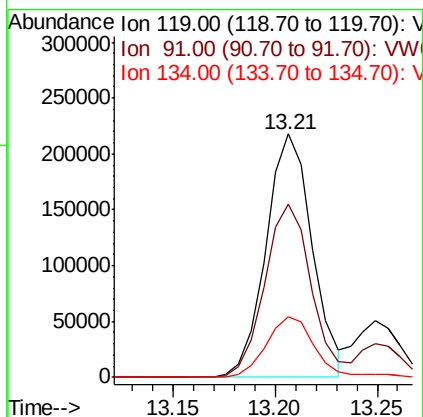
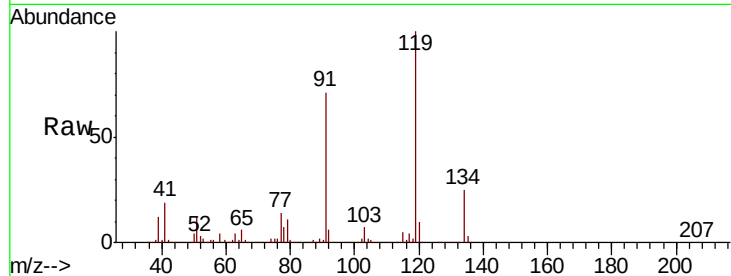




#83
 tert-Butylbenzene
 Concen: 45.484 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

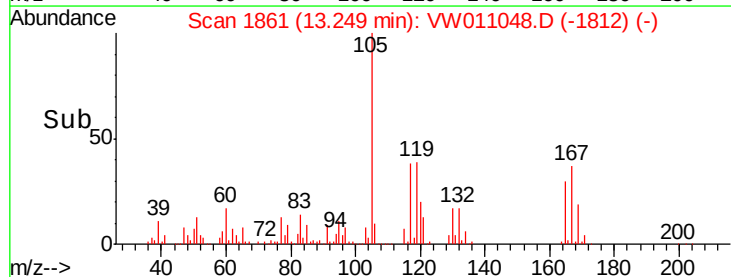
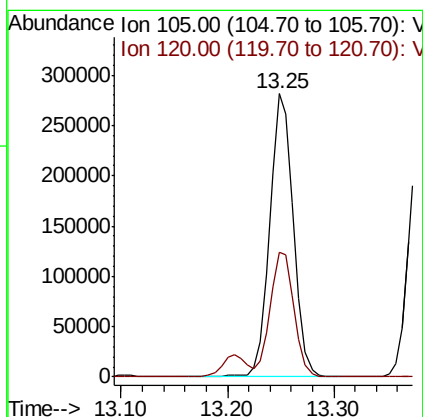
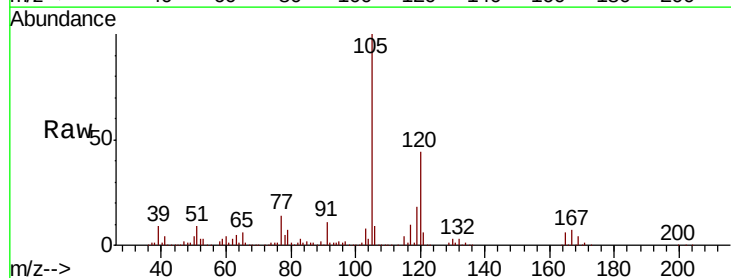
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

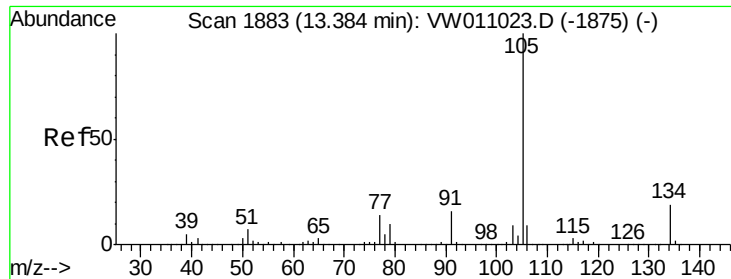
Tot Ion:119 Resp: 343899
 Ion Ratio Lower Upper
 119 100
 91 72.4 35.5 106.5
 134 26.4 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 47.384 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion:105 Resp: 434247
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.2

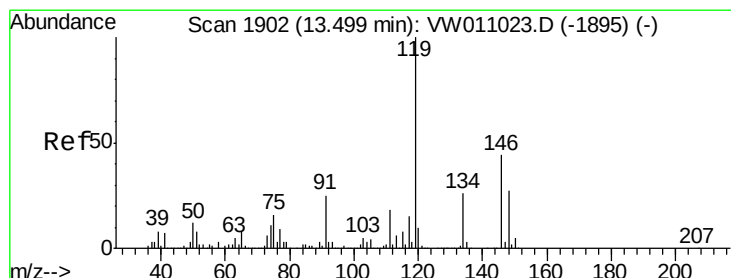
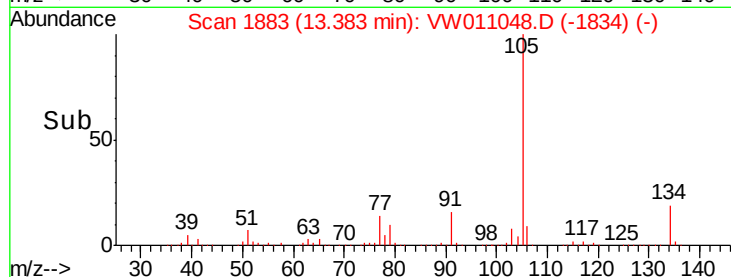
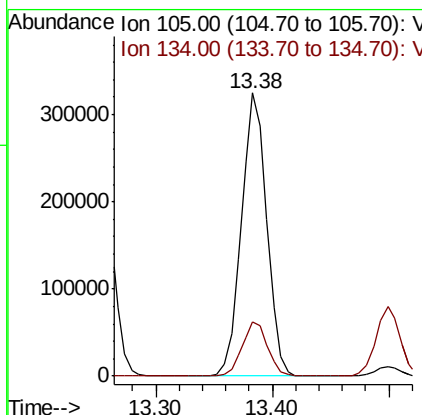
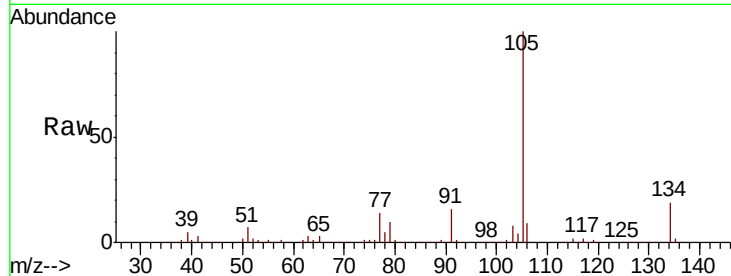




#85
 sec-Butylbenzene
 Concen: 44.829 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

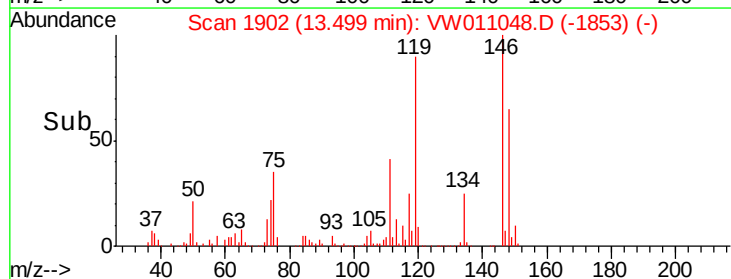
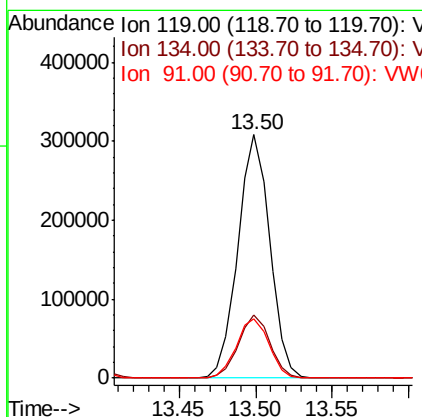
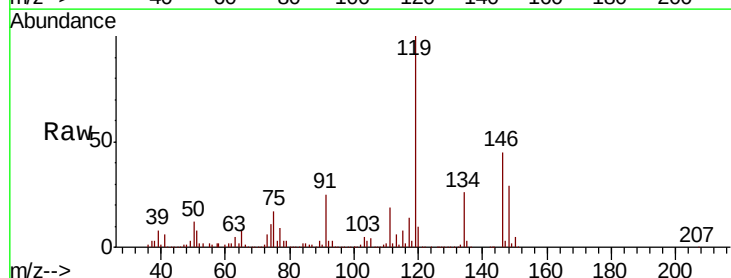
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

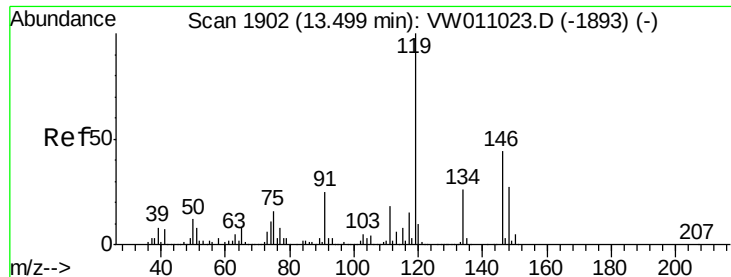
Tot Ion:105 Resp: 492377
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 45.018 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion:119 Resp: 444955
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.8 12.3 36.9

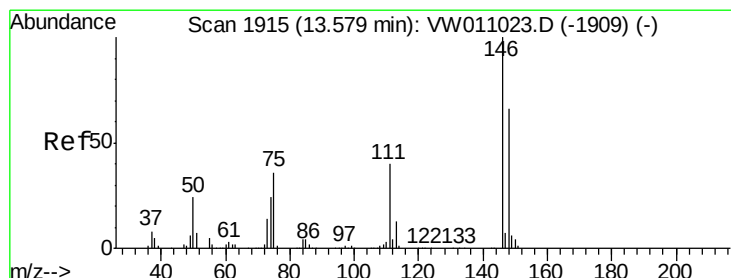
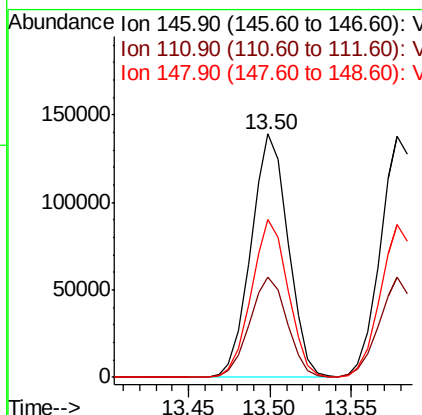
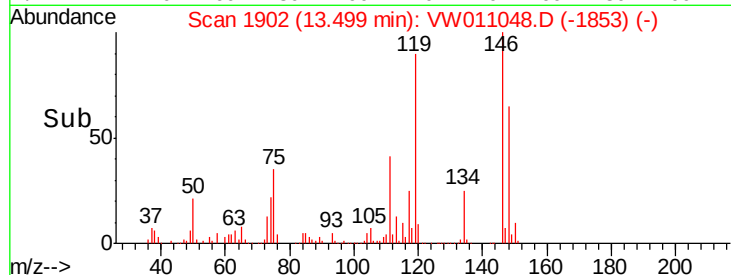
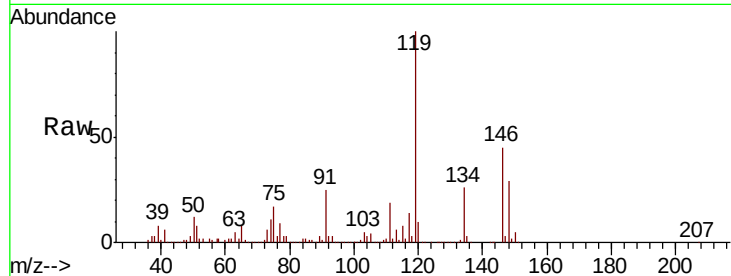




#87
 1,3-Dichlorobenzene
 Concen: 47.409 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

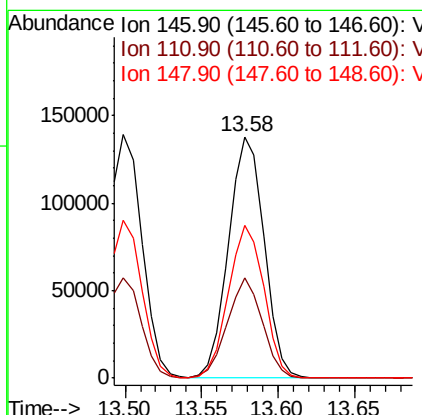
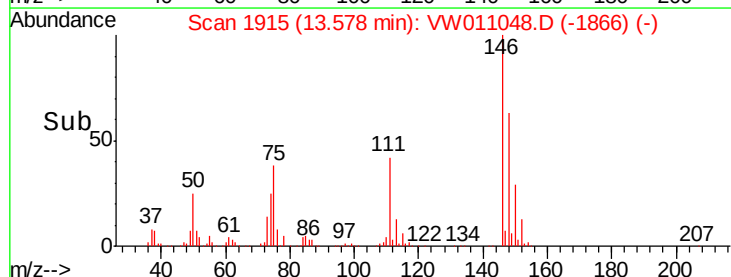
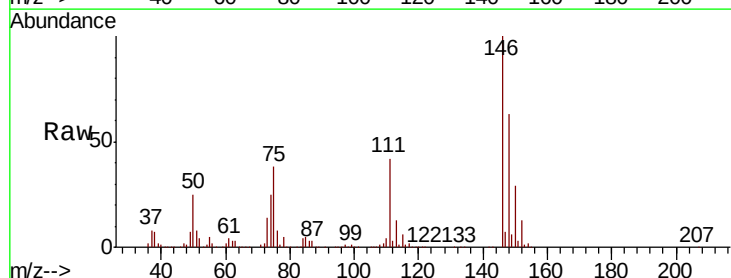
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

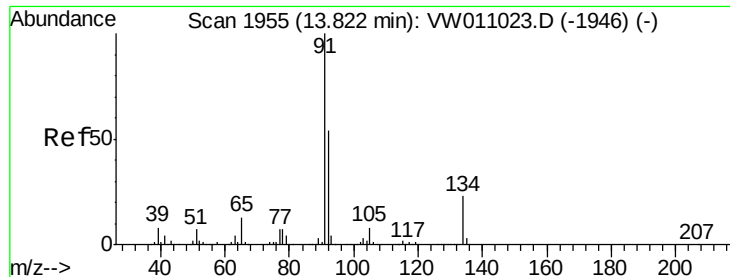
Tot Ion:146 Resp: 220504
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.8
 148 64.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.016 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion:146 Resp: 222935
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 63.1 32.4 97.2

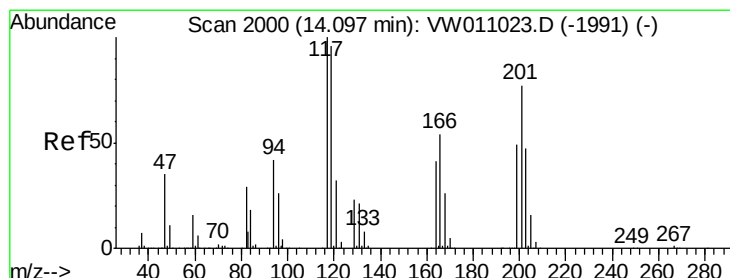
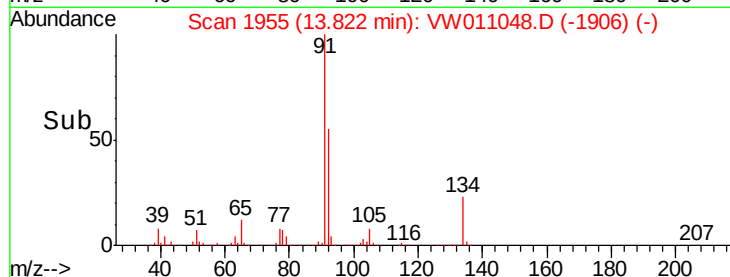
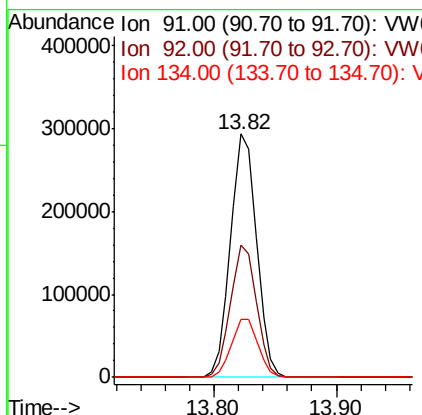
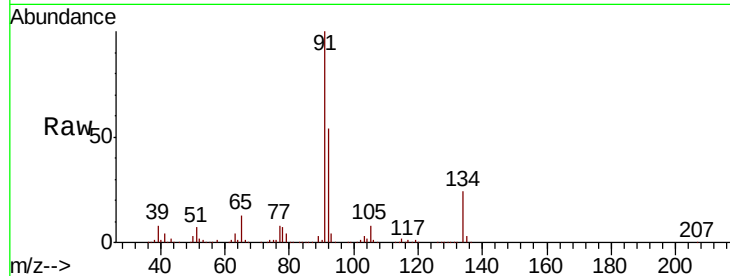




#89
n-Butylbenzene
Concen: 43.002 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

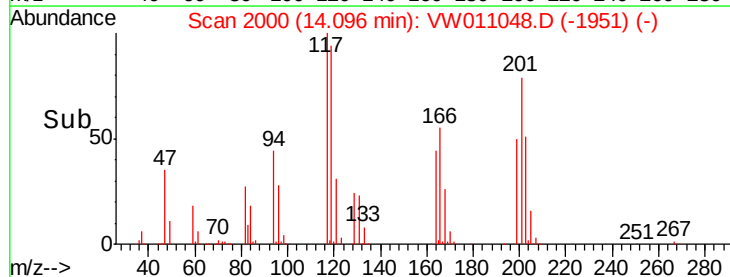
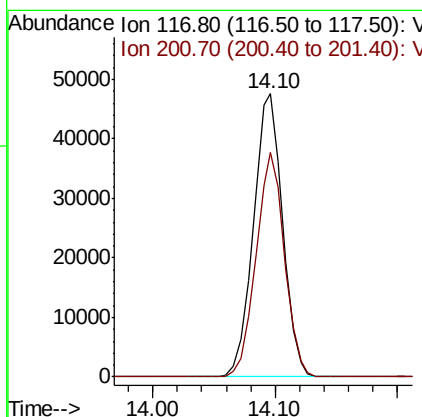
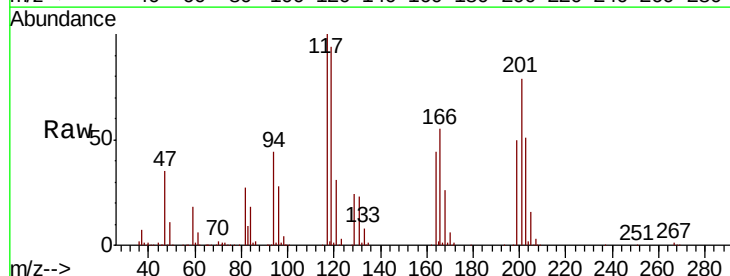
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

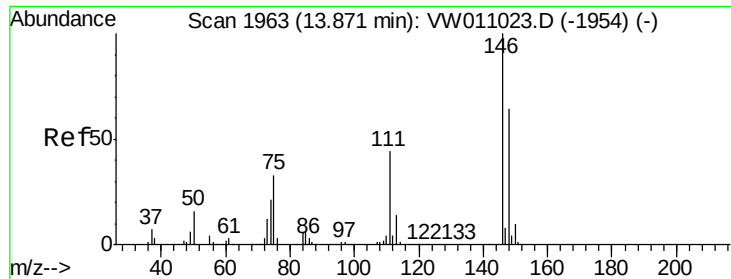
Tot Ion: 91 Resp: 432004
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 24.2 12.0 36.1



#90
Hexachloroethane
Concen: 46.679 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW011048.D
Acq: 28 Jun 2019 06:29

Tgt Ion: 117 Resp: 78942
Ion Ratio Lower Upper
117 100
201 77.1 38.0 114.0

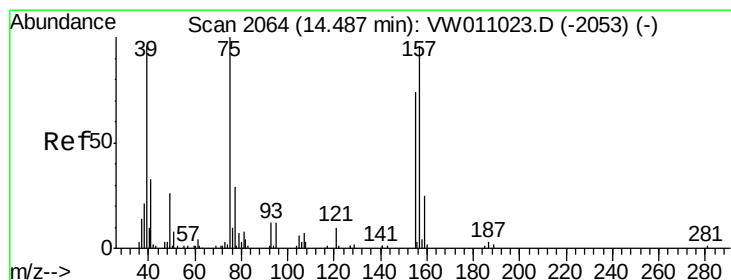
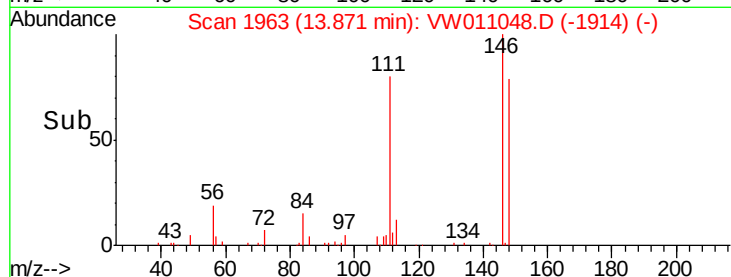
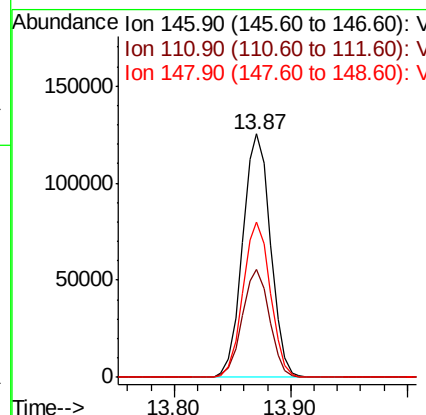
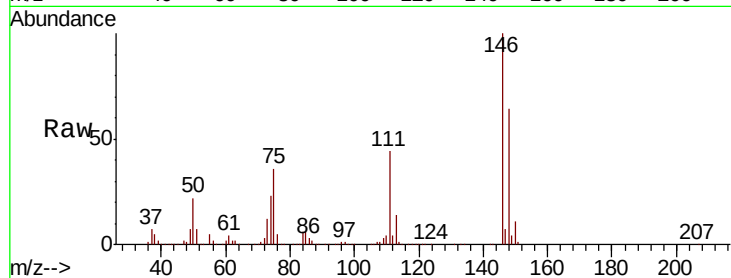




#91
 1,2-Dichlorobenzene
 Concen: 49.954 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

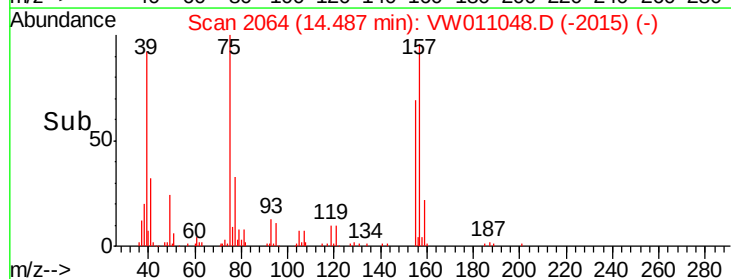
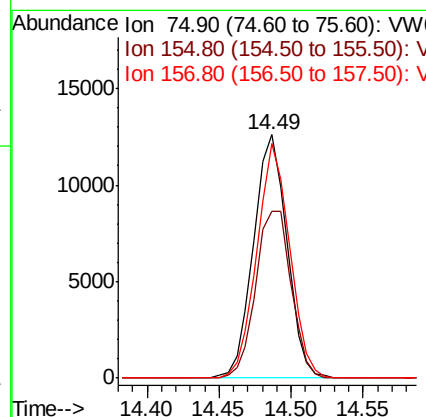
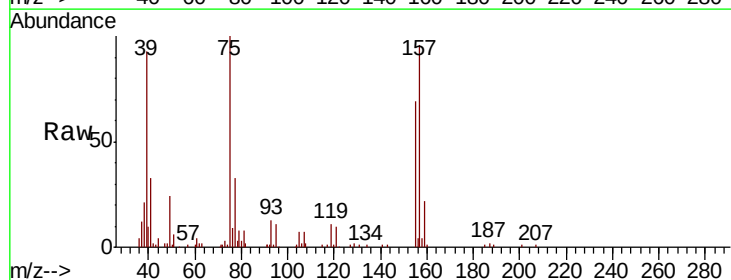
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

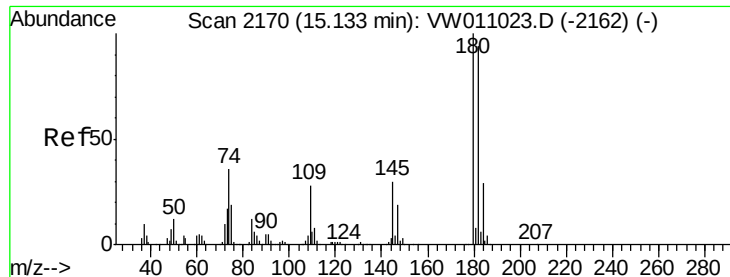
Tot Ion:146 Resp: 208678
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 62.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.620 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion: 75 Resp: 20214
 Ion Ratio Lower Upper
 75 100
 155 73.1 37.0 110.9
 157 94.4 45.9 137.7

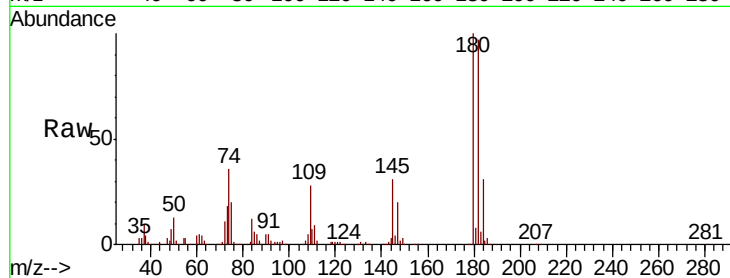




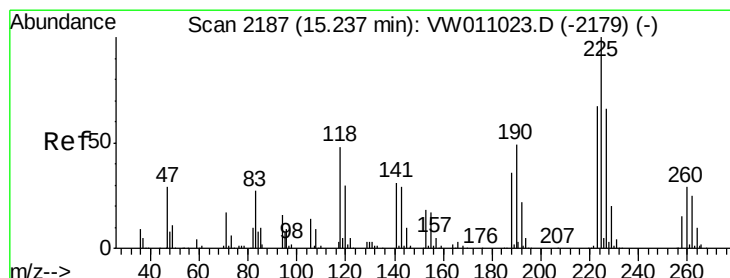
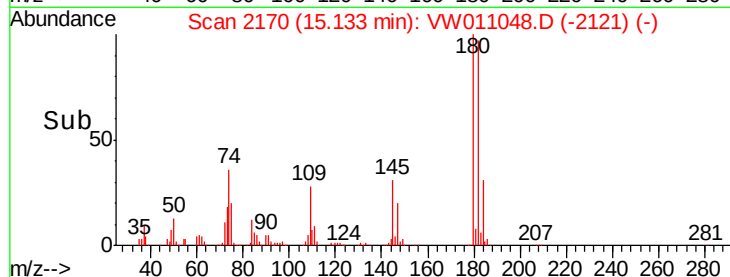
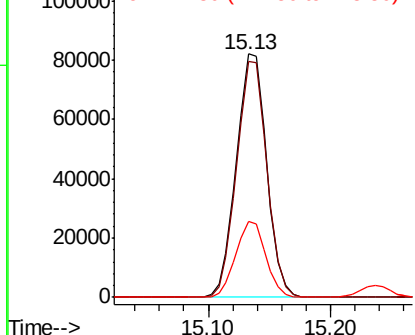
#93
 1,2,4-Trichlorobenzene
 Concen: 47.877 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 140716
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.4 142.2
 145 31.0 15.3 45.8

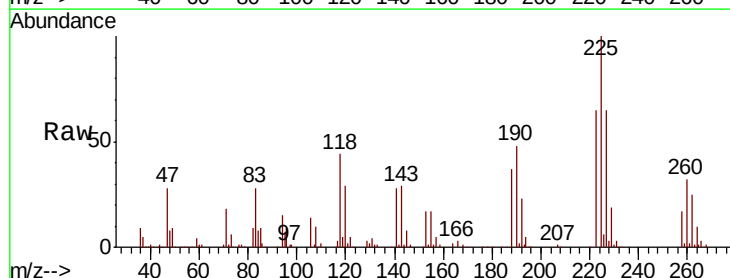


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

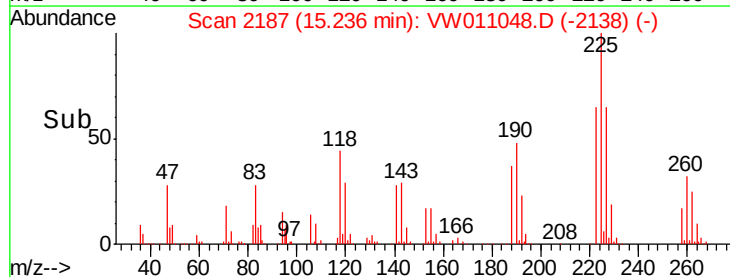
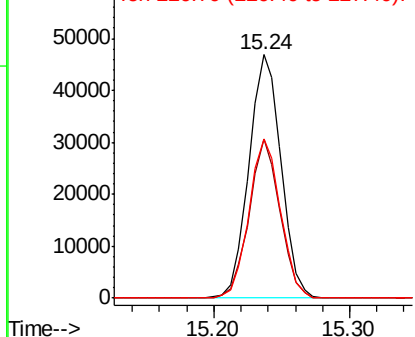


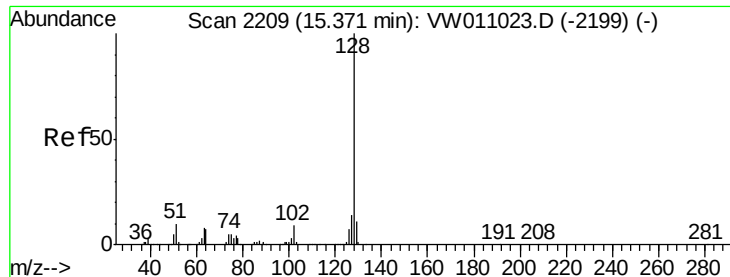
#94
 Hexachlorobutadiene
 Concen: 43.524 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011048.D
 Acq: 28 Jun 2019 06:29

Tgt Ion:225 Resp: 77588
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.9
 227 64.3 31.9 95.9



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





#95

Naphthalene

Concen: 57.435 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

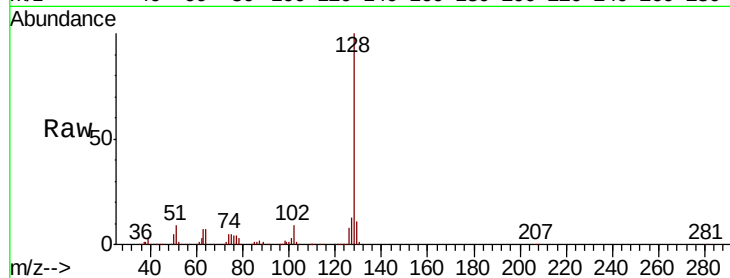
Tot Ion:128 Resp: 317093

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.9 8.8 13.2

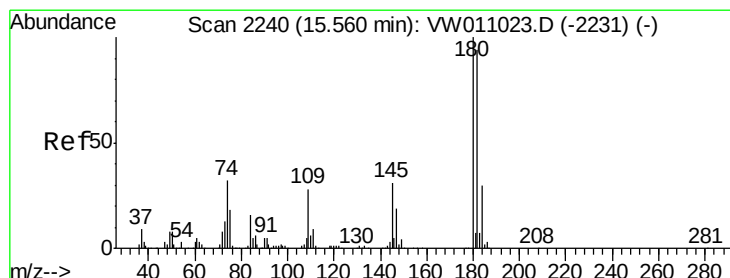
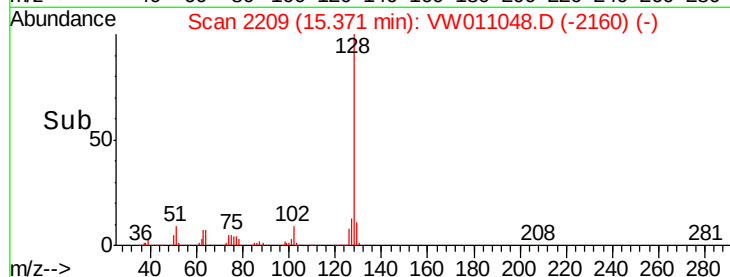
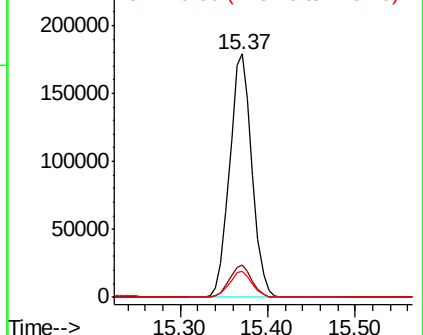


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.026 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011048.D

Acq: 28 Jun 2019 06:29

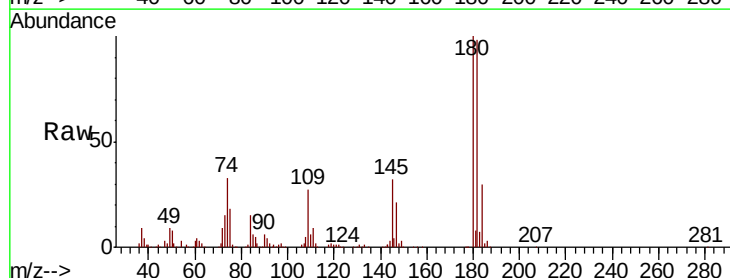
Tgt Ion:180 Resp: 131291

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.7

145 32.3 16.1 48.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

