

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011050.D
 Acq On : 28 Jun 2019 09:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 01:47:54 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	222921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154944	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	136327	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
35) Dibromofluoromethane	7.88	113	108322	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	10.32	98	455628	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	162173	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	91089	54.204	ug/l	92
3) Chloromethane	2.21	50	109535	48.622	ug/l	99
4) Vinyl Chloride	2.36	62	150190	51.203	ug/l	99
5) Bromomethane	2.77	94	72597	49.723	ug/l	98
6) Chloroethane	2.92	64	81745	52.860	ug/l	99
7) Trichlorofluoromethane	3.25	101	49291	57.184	ug/l	85
8) Diethyl Ether	3.67	74	64944	47.574	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125070	51.591	ug/l	99
10) Methyl Iodide	4.27	142	170024	50.128	ug/l	99
11) Tert butyl alcohol	5.16	59	42360	200.141	ug/l	99
12) 1,1-Dichloroethene	4.04	96	128925	51.092	ug/l	99
13) Acrolein	3.89	56	40770	247.022	ug/l	96
14) Allyl chloride	4.66	41	224191	55.201	ug/l	98
15) Acrylonitrile	5.36	53	158010	235.049	ug/l	99
16) Acetone	4.12	43	182429	256.461	ug/l	97
17) Carbon Disulfide	4.38	76	377168	52.686	ug/l	100
18) Methyl Acetate	4.66	43	76693	41.622	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	172181	48.209	ug/l	94
20) Methylene Chloride	4.92	84	130928	45.302	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	131490	50.569	ug/l	99
22) Diisopropyl ether	6.31	45	482759	49.395	ug/l	96
23) Vinyl Acetate	6.25	43	1501984	249.418	ug/l	99
24) 1,1-Dichloroethane	6.21	63	254477	49.328	ug/l	99
25) 2-Butanone	7.17	43	253319	234.283	ug/l	99
26) 2,2-Dichloropropane	7.16	77	129132	48.210	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	136787	48.857	ug/l	100
28) Bromochloromethane	7.51	49	101813	42.394	ug/l	99
29) Tetrahydrofuran	7.52	42	154361	229.332	ug/l	99
30) Chloroform	7.67	83	231251	49.341	ug/l	98
31) Cyclohexane	7.95	56	271996	48.794	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178798	51.053	ug/l	99
36) 1,1-Dichloropropene	8.08	75	200032	51.215	ug/l	99
37) Ethyl Acetate	7.25	43	104570	46.023	ug/l	99
38) Carbon Tetrachloride	8.07	117	168913	52.515	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	253349	52.708	ug/l	96
40) Benzene	8.32	78	540526	50.317	ug/l	99
41) Methacrylonitrile	7.48	41	67643	48.932	ug/l	98
42) 1,2-Dichloroethane	8.40	62	171333	48.643	ug/l	99
43) Isopropyl Acetate	8.42	43	202017	46.999	ug/l	100
44) Trichloroethene	9.09	130	129653	49.939	ug/l	93
45) 1,2-Dichloropropane	9.37	63	143942	49.342	ug/l	97
46) Dibromomethane	9.45	93	64804	47.499	ug/l	99
47) Bromodichloromethane	9.64	83	169850	50.283	ug/l	99
48) Methyl methacrylate	9.43	41	99072	47.537	ug/l	100
49) 1,4-Dioxane	9.44	88	21122	920.767	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	530342	234.397	ug/l	100
52) Toluene	10.38	92	334646	50.882	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176377	50.130	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	212864	50.717	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92732	48.109	ug/l	98
56) Ethyl methacrylate	10.65	69	139129	48.201	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175879	47.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	290678	199.036	ug/l	100
59) 2-Hexanone	10.97	43	384666	243.791	ug/l	100
60) Dibromochloromethane	11.13	129	100231	49.587	ug/l	99
61) 1,2-Dibromoethane	11.23	107	86322	47.837	ug/l	100
64) Tetrachloroethene	10.86	164	108143	49.543	ug/l	96
65) Chlorobenzene	11.66	112	327674	50.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	114051	51.737	ug/l	99
67) Ethyl Benzene	11.73	91	649245	52.208	ug/l	99
68) m/p-Xylenes	11.84	106	467074	103.509	ug/l	99
69) o-Xylene	12.16	106	215756	51.334	ug/l	98
70) Styrene	12.18	104	378530	51.828	ug/l	100
71) Bromoform	12.35	173	53502	49.785	ug/l #	99
73) Isopropylbenzene	12.46	105	619091	53.335	ug/l	100
74) N-amyl acetate	12.27	43	193730	49.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111842	49.066	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	145343	88.851	ug/l #	100
77) Bromobenzene	12.74	156	130192	51.028	ug/l	99
78) n-propylbenzene	12.80	91	767315	53.381	ug/l	99
79) 2-Chlorotoluene	12.89	91	424329	51.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	525116	53.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34669	45.497	ug/l	99
82) 4-Chlorotoluene	12.99	91	448651	52.426	ug/l	100
83) tert-Butylbenzene	13.21	119	438720	53.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	521954	52.488	ug/l	99
85) sec-Butylbenzene	13.38	105	641478	53.824	ug/l	100
86) p-Isopropyltoluene	13.50	119	574166	53.536	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	258763	51.272	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	254520	50.521	ug/l	99
89) n-Butylbenzene	13.82	91	588300	53.968	ug/l	100
90) Hexachloroethane	14.10	117	98387	53.616	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	227397	50.167	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18373	47.428	ug/l	98

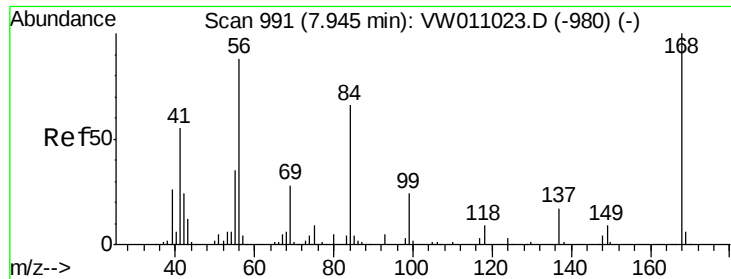
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	166558	52.226	ug/l	100
94) Hexachlorobutadiene	15.24	225	101886	52.673	ug/l	99
95) Naphthalene	15.37	128	305707	51.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144861	50.869	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

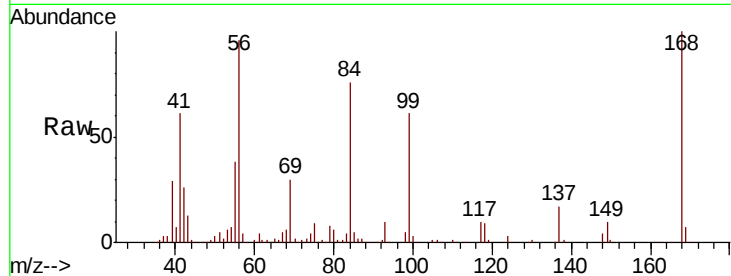
VSTDCCC050

Tot Ion:168 Resp: 222921

Ion Ratio Lower Upper

168 100

99 60.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

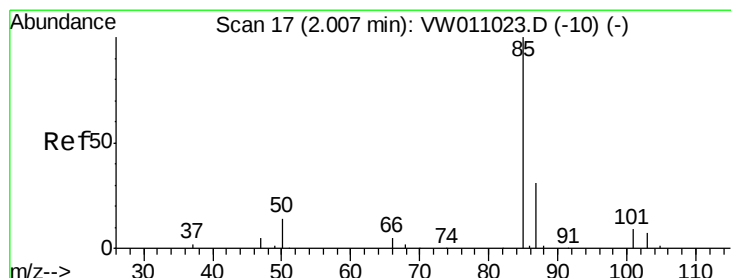
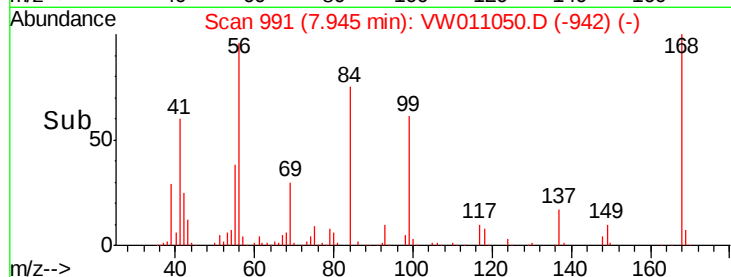
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 54.204 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011050.D

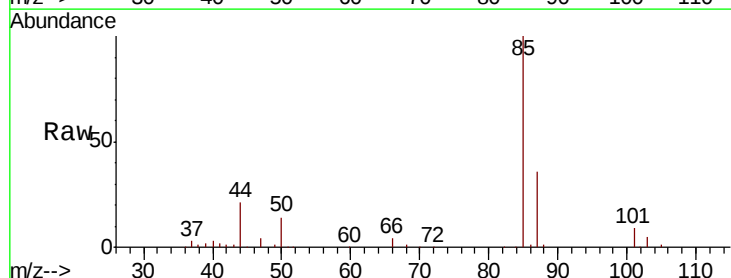
Acq: 28 Jun 2019 09:56

Tgt Ion: 85 Resp: 91089

Ion Ratio Lower Upper

85 100

87 35.6 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

20000

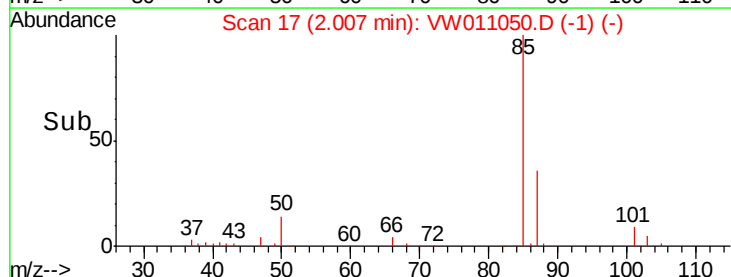
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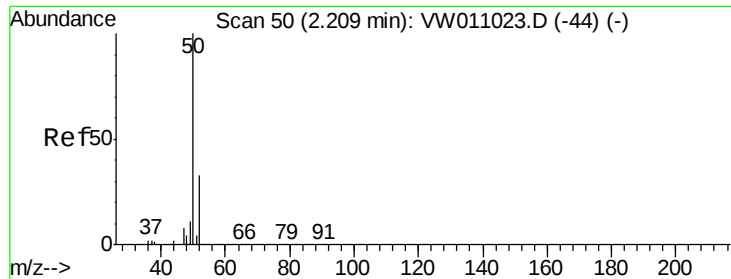
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 48.622 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

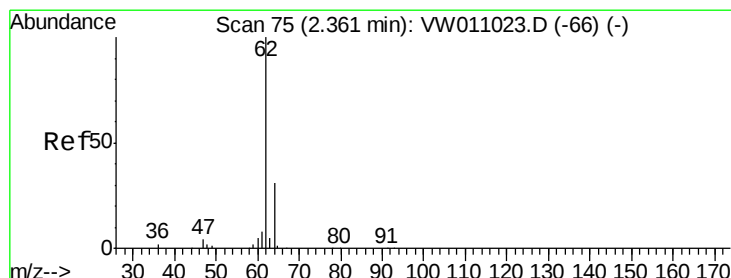
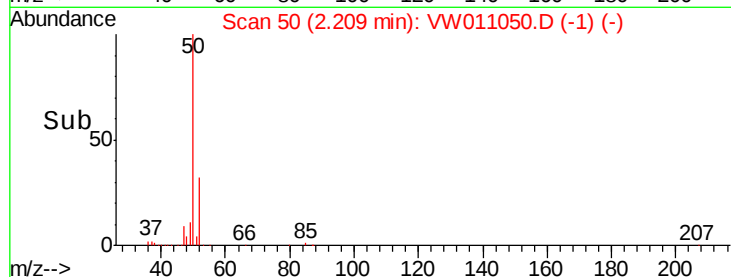
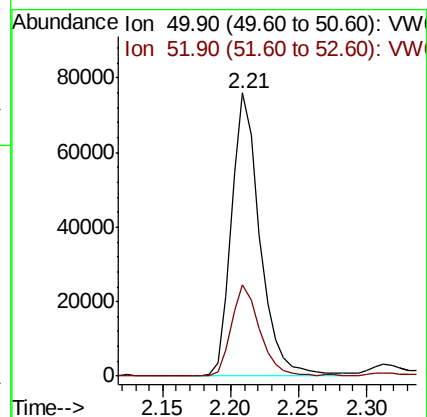
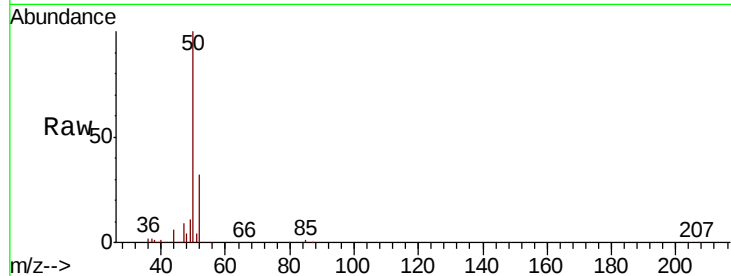
VSTDCCC050

Tot Ion: 50 Resp: 109535

Ion Ratio Lower Upper

50 100

52 32.6 26.6 40.0



#4

Vinyl Chloride

Concen: 51.203 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011050.D

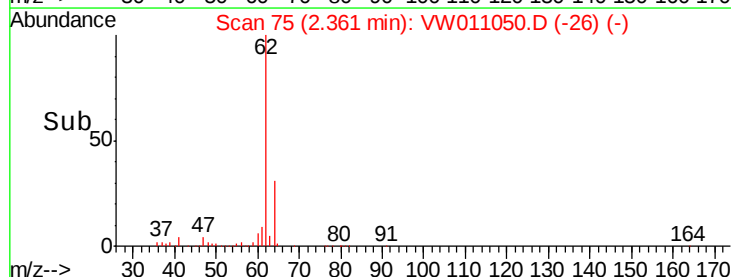
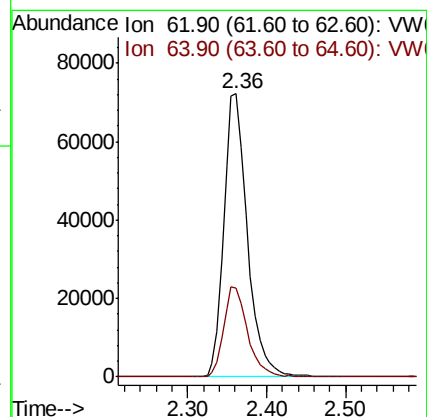
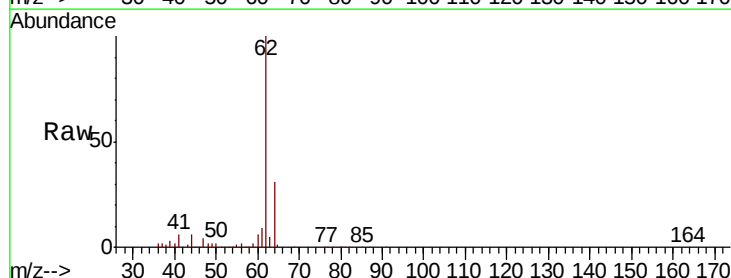
Acq: 28 Jun 2019 09:56

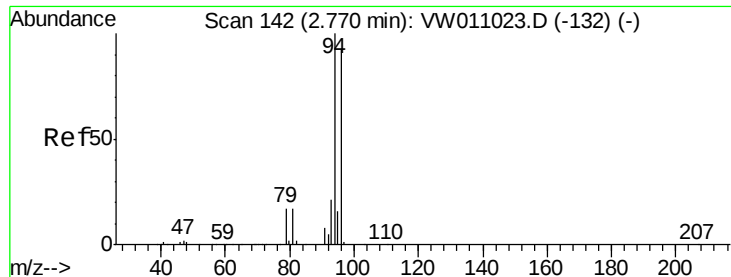
Tgt Ion: 62 Resp: 150190

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2





#5

Bromomethane

Concen: 49.723 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

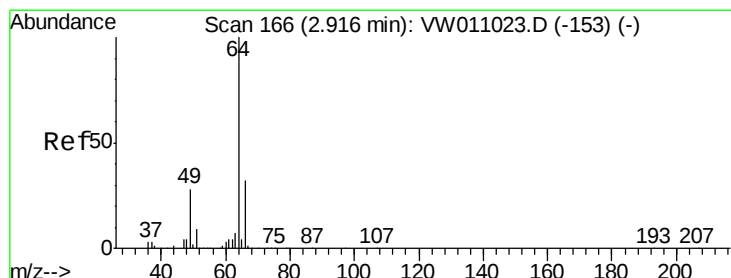
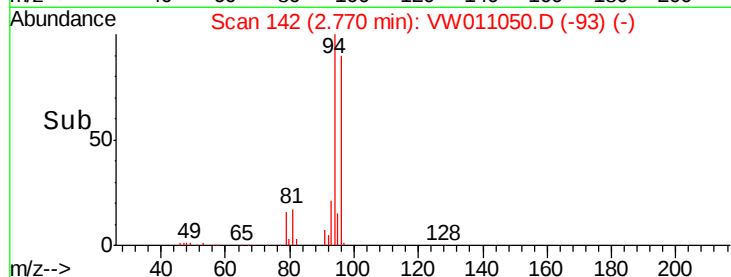
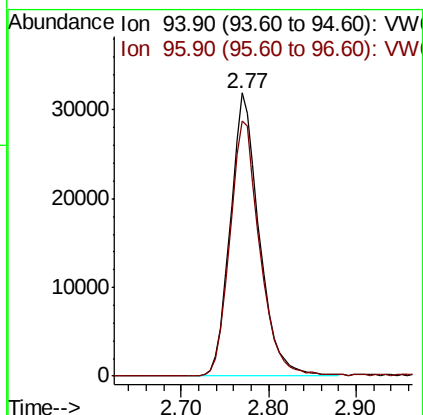
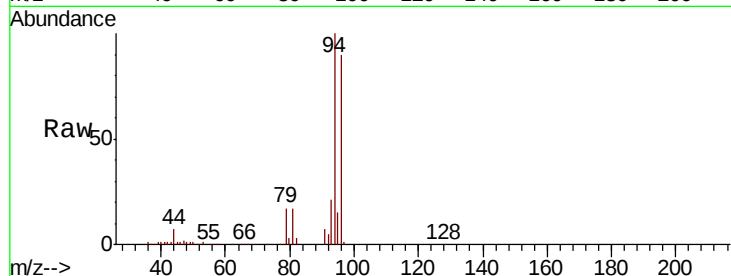
VSTDCCC050

Tot Ion: 94 Resp: 72597

Ion Ratio Lower Upper

94 100

96 90.6 74.2 111.2



#6

Chloroethane

Concen: 52.860 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW011050.D

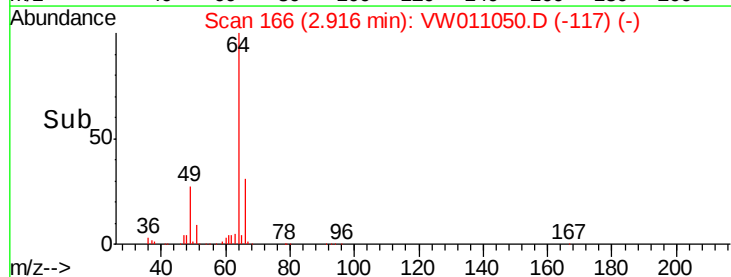
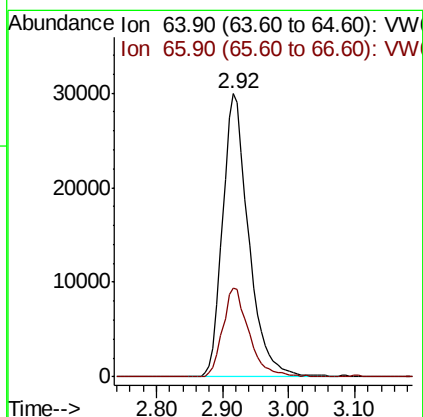
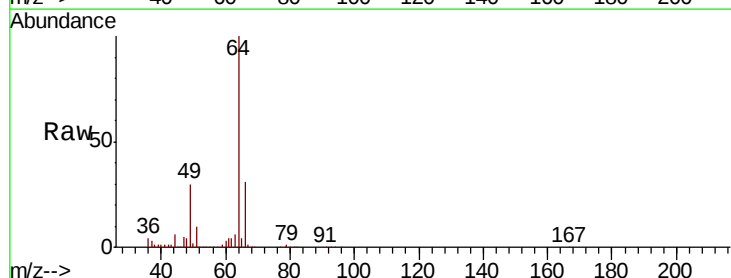
Acq: 28 Jun 2019 09:56

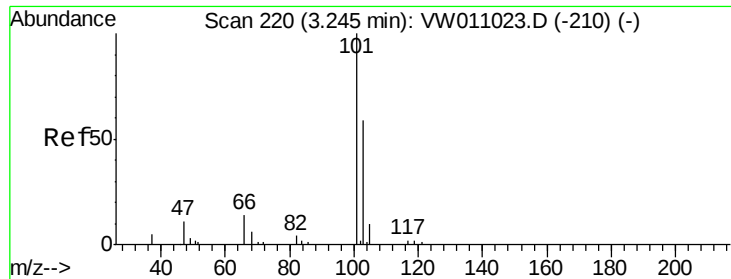
Tgt Ion: 64 Resp: 81745

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5



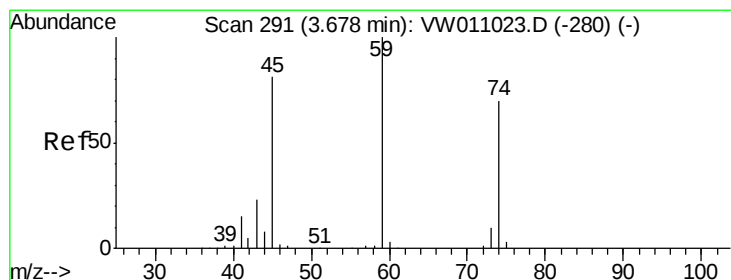
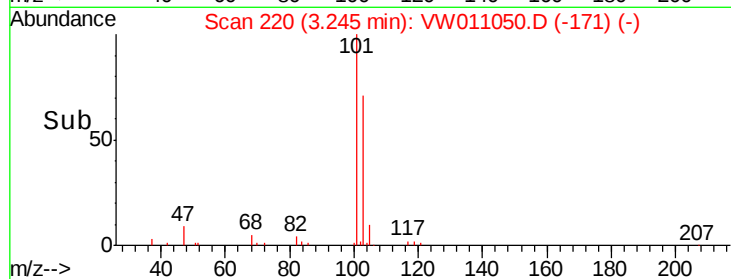
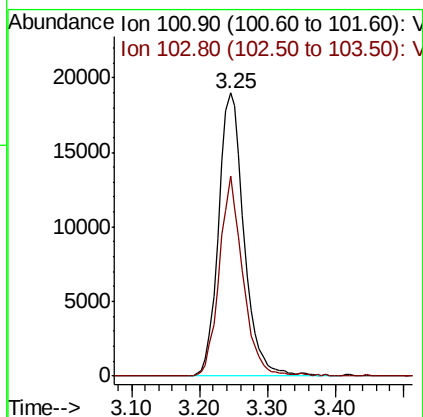
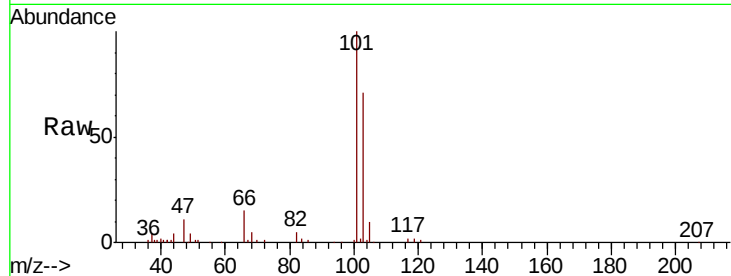


#7

Trichlorofluoromethane
 Concen: 57.184 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Instrument :
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 ClientSampleId :
 VSTDCCC050

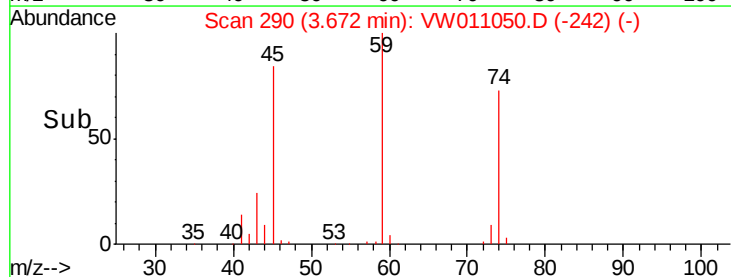
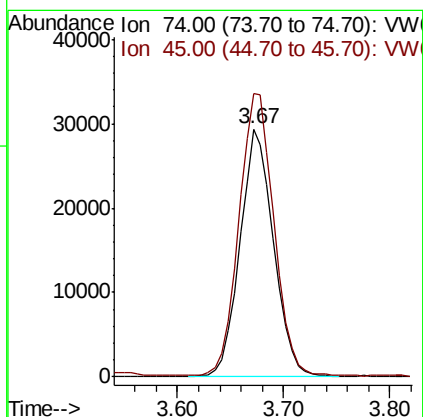
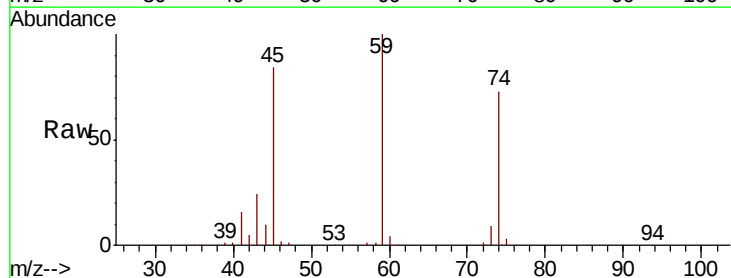
Tot Ion:101 Resp: 49291
 Ion Ratio Lower Upper
 101 100
 103 70.8 47.5 71.3

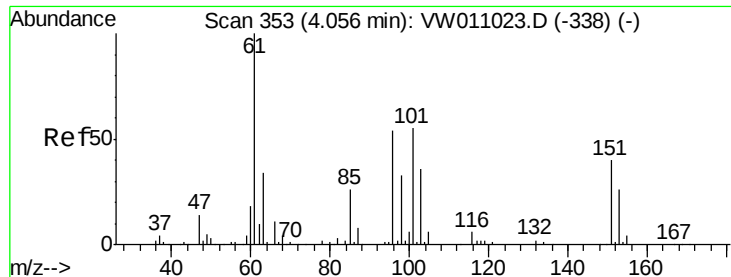


#8

Diethyl Ether
 Concen: 47.574 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 74 Resp: 64944
 Ion Ratio Lower Upper
 74 100
 45 119.0 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.591 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

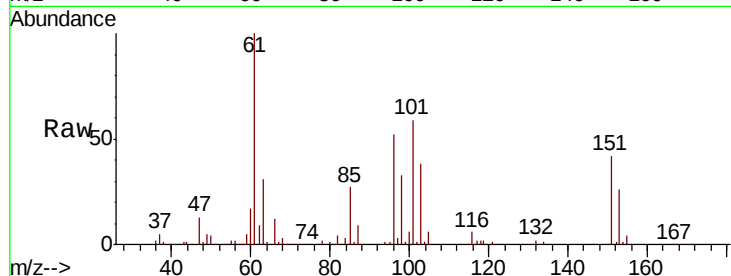
Tot Ion:101 Resp: 125070

Ion Ratio Lower Upper

101 100

85 45.4 36.6 55.0

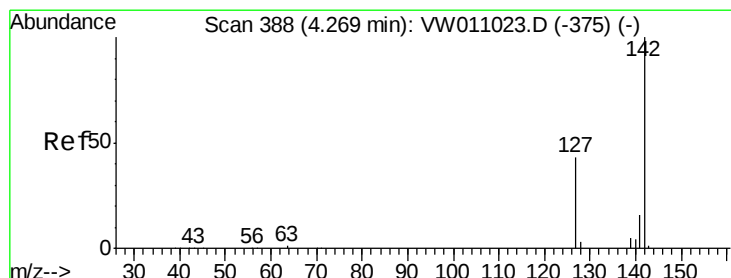
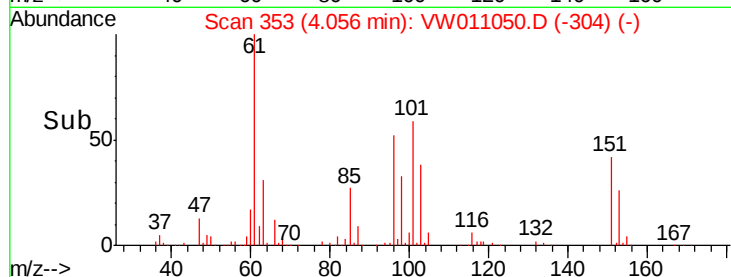
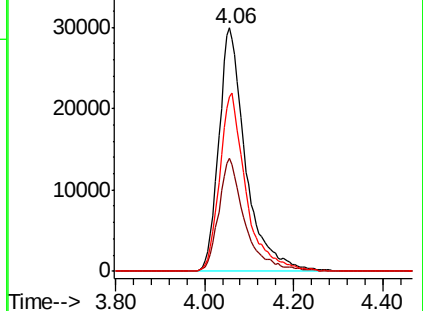
151 72.3 58.9 88.3



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: 50.128 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

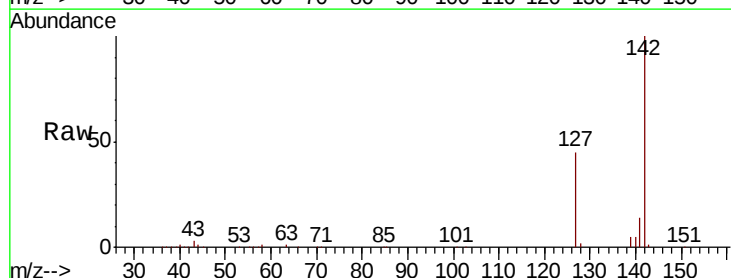
Tgt Ion:142 Resp: 170024

Ion Ratio Lower Upper

142 100

127 44.6 35.8 53.8

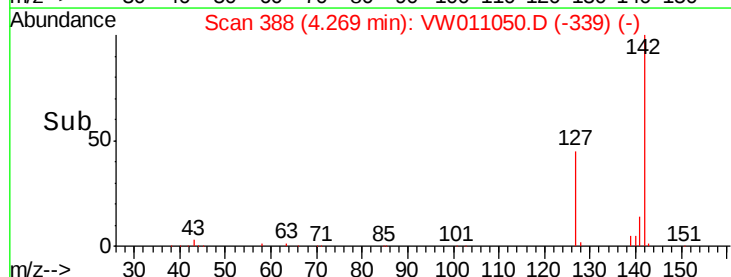
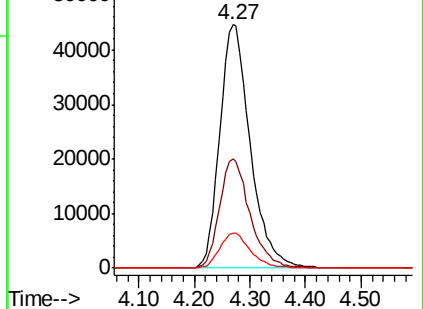
141 14.5 12.2 18.2

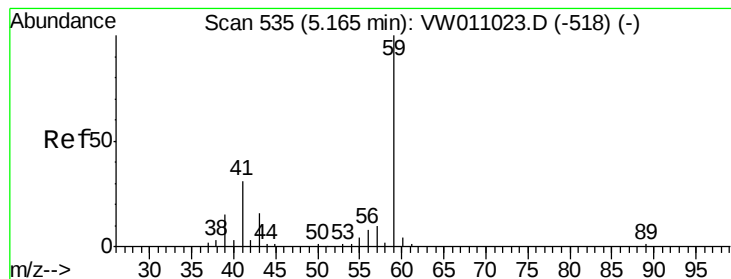


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



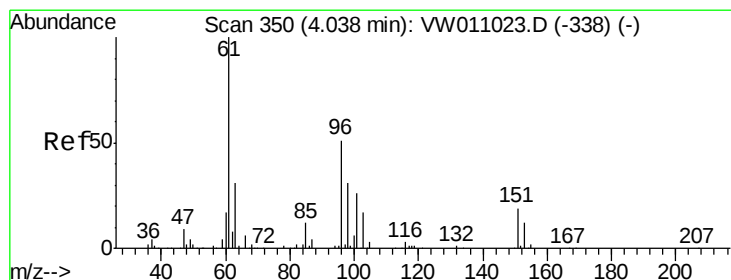
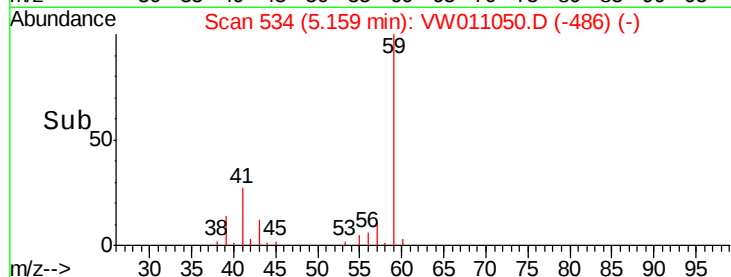
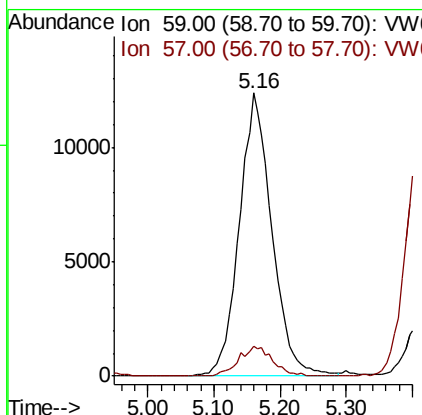
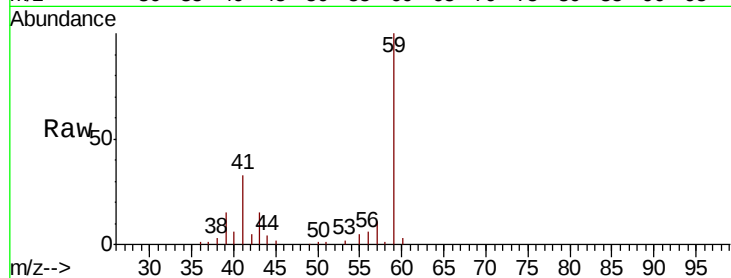


#11

Tert butyl alcohol
 Concen: 200.141 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

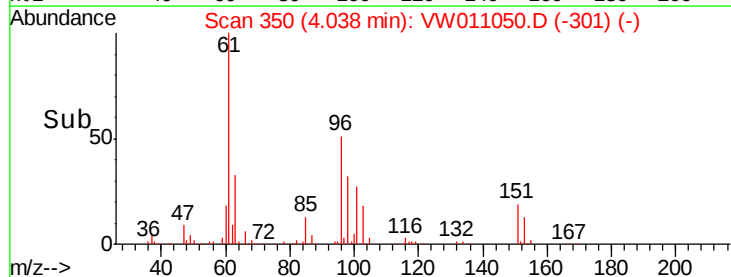
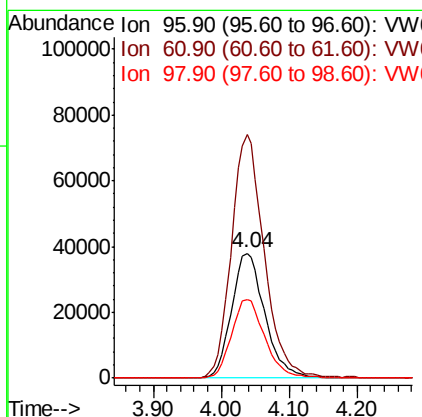
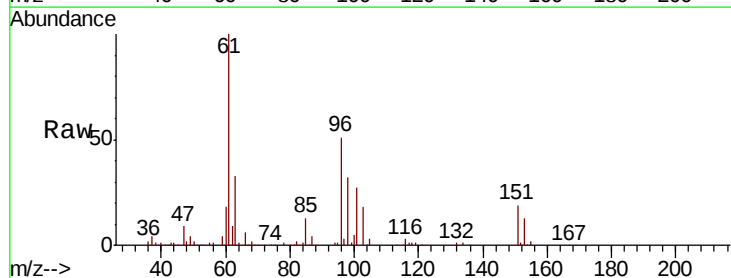
Tot Ion: 59 Resp: 42360
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.0 13.4

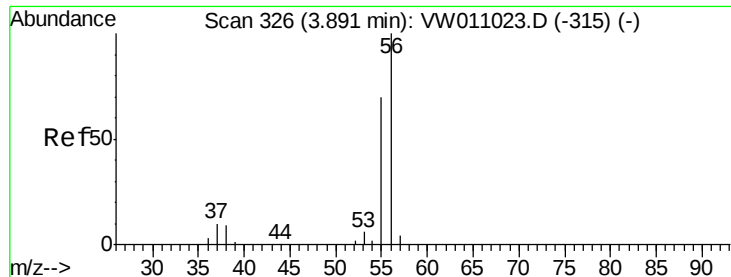


#12

1,1-Dichloroethene
 Concen: 51.092 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 96 Resp: 128925
 Ion Ratio Lower Upper
 96 100
 61 195.3 156.0 234.0
 98 62.7 48.7 73.1

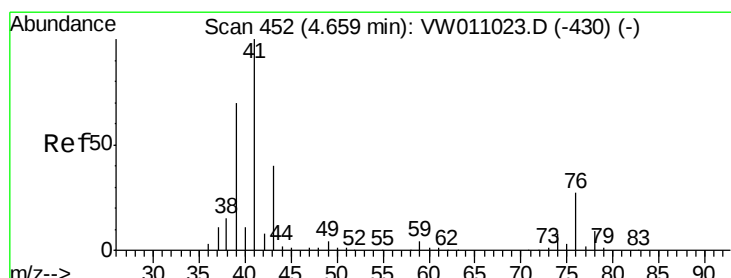
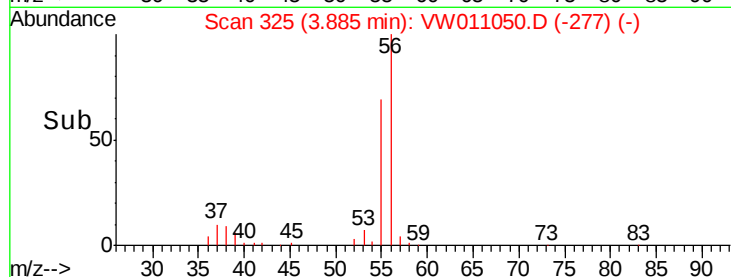
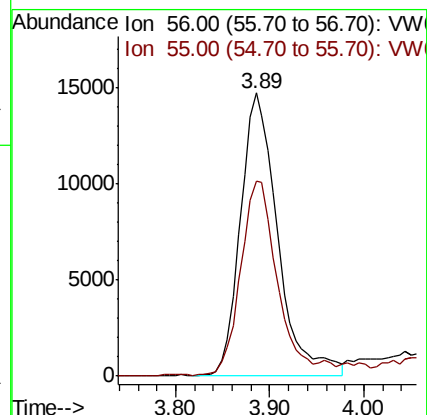
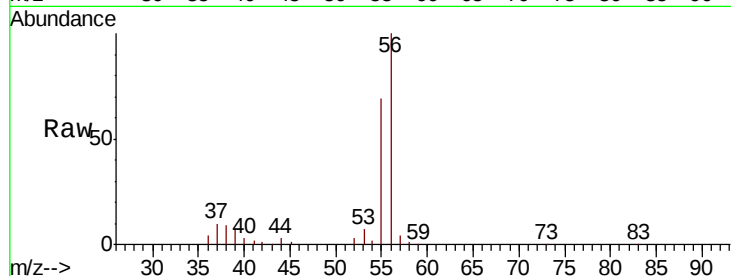




#13
Acrolein
Concen: 247.022 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

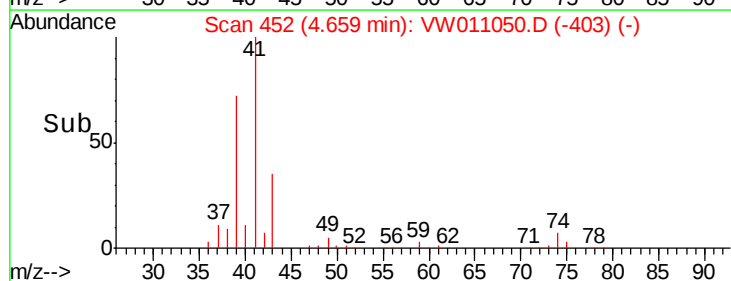
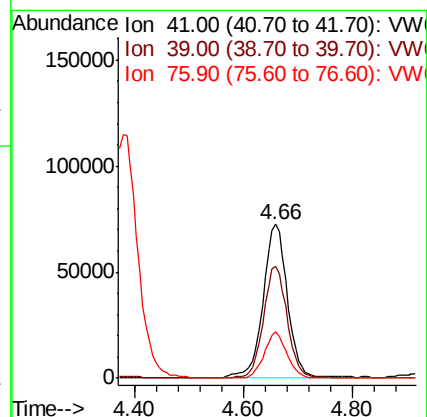
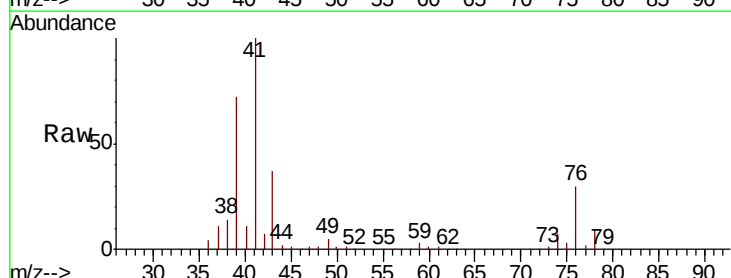
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

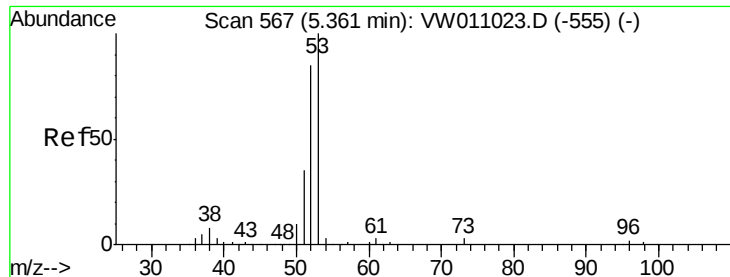
Tot Ion: 56 Resp: 40770
Ion Ratio Lower Upper
56 100
55 66.4 55.7 83.5



#14
Allyl chloride
Concen: 55.201 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 41 Resp: 224191
Ion Ratio Lower Upper
41 100
39 71.1 55.4 83.2
76 27.8 22.0 33.0





#15

Acrylonitrile

Concen: 235.049 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

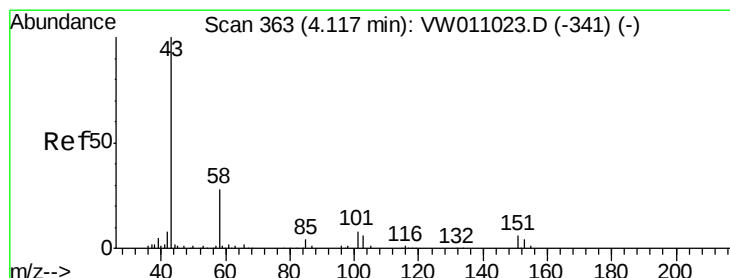
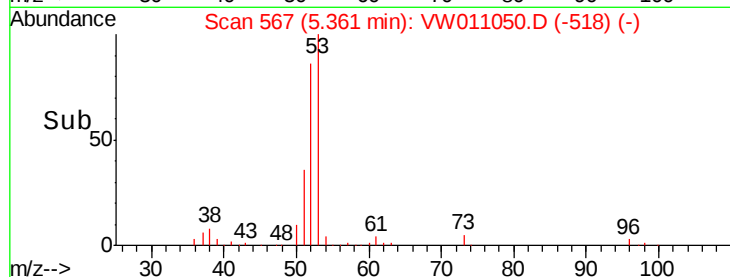
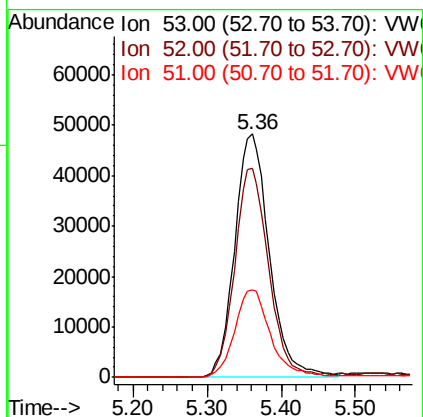
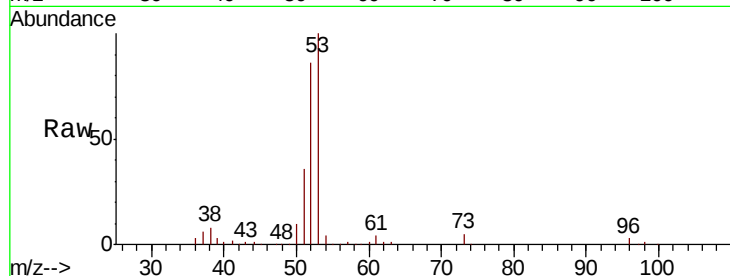
Tot Ion: 53 Resp: 158010

Ion Ratio Lower Upper

53 100

52 84.1 66.3 99.5

51 37.1 29.8 44.6



#16

Acetone

Concen: 256.461 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011050.D

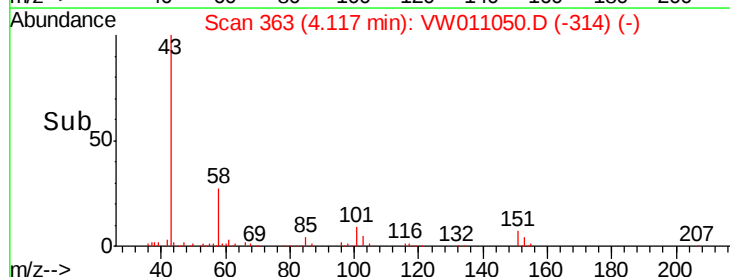
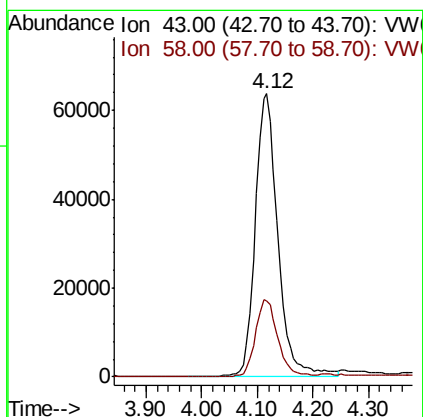
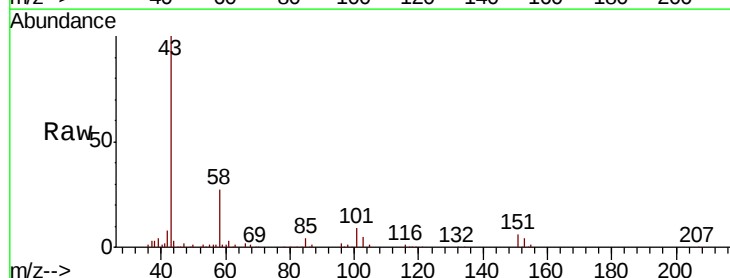
Acq: 28 Jun 2019 09:56

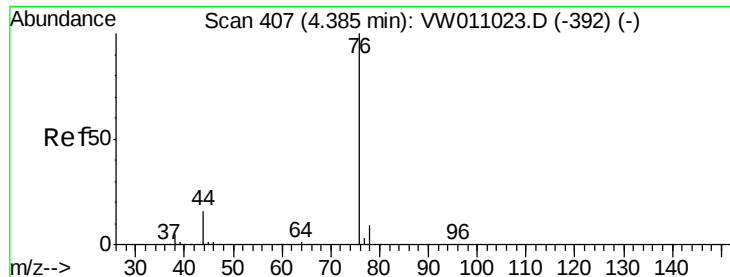
Tgt Ion: 43 Resp: 182429

Ion Ratio Lower Upper

43 100

58 26.7 22.5 33.7

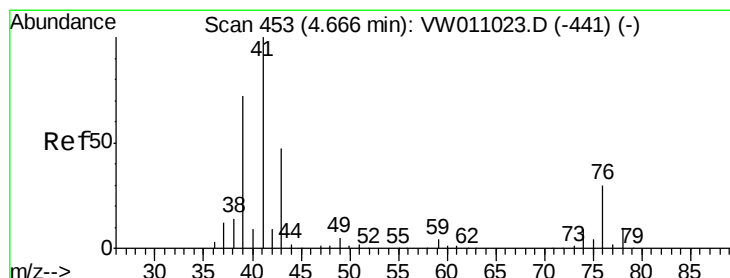
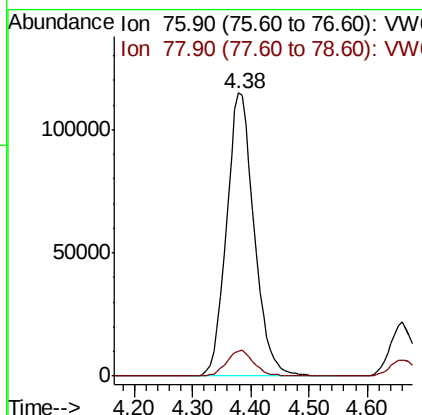
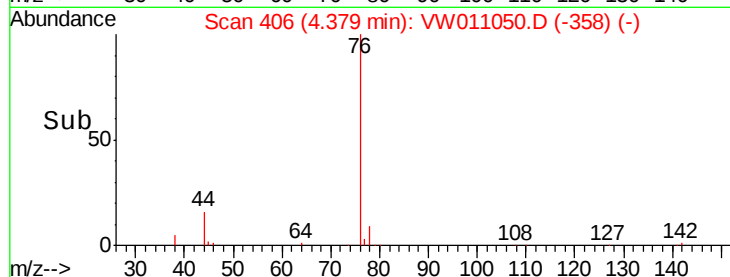
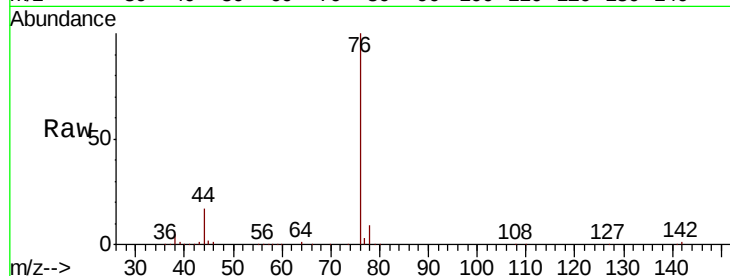




#17
Carbon Disulfide
Concen: 52.686 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

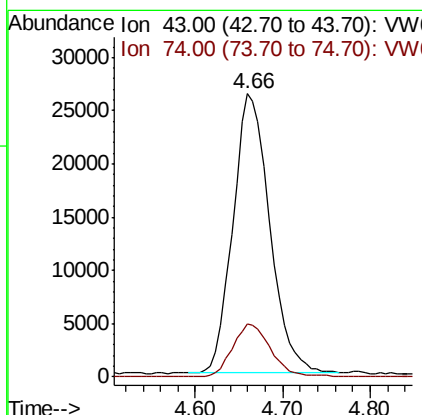
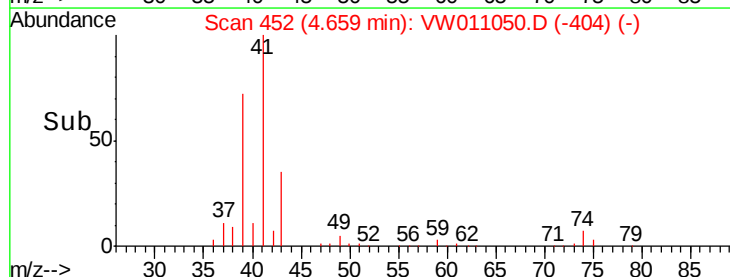
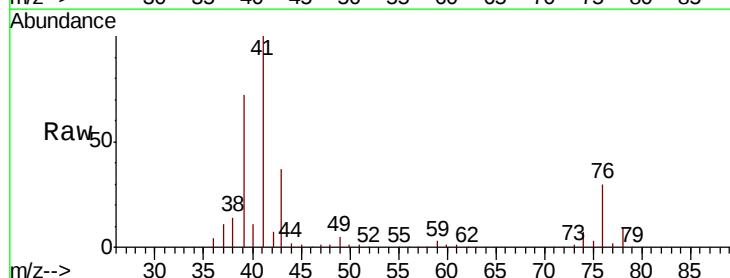
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

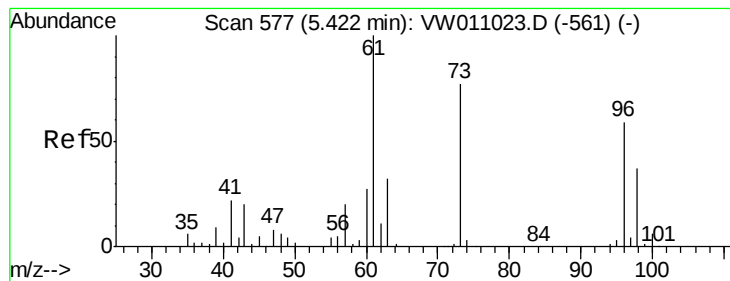
Tot Ion: 76 Resp: 377168
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 41.622 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 43 Resp: 76693
Ion Ratio Lower Upper
43 100
74 19.7 15.8 23.8



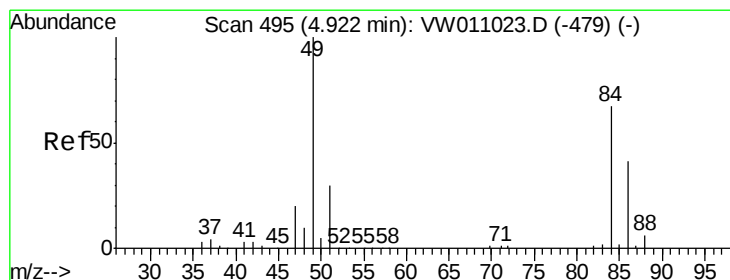
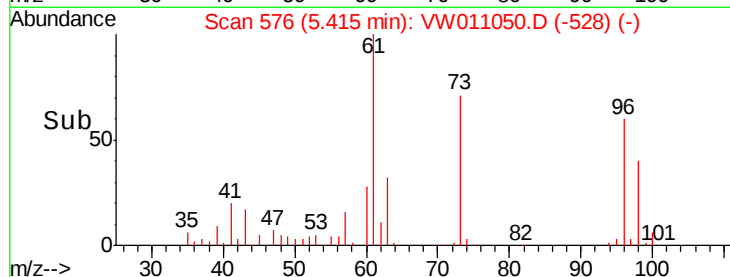
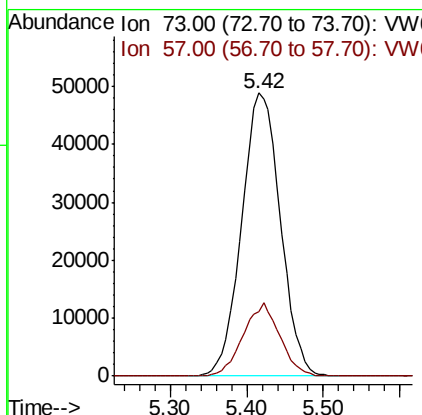
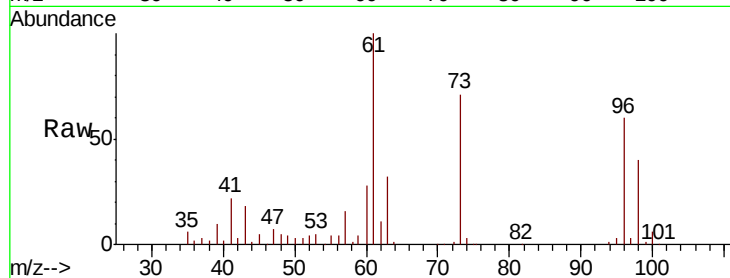


#19

Methyl tert-butyl Ether
 Concen: 48.209 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

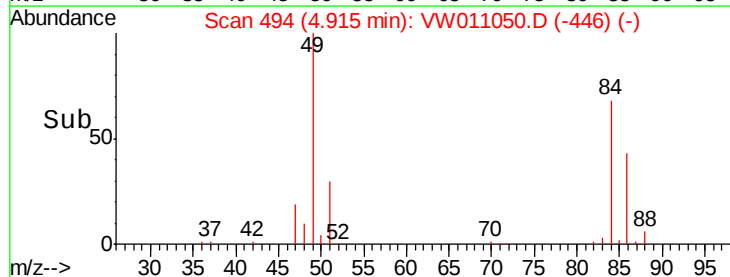
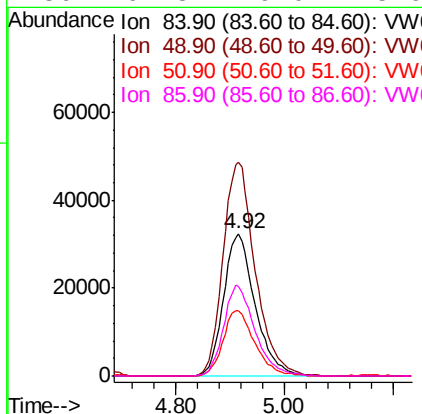
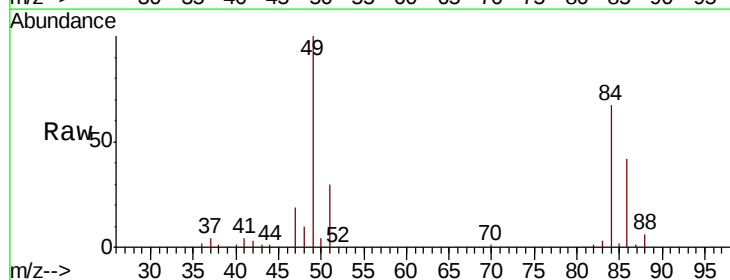
Tot Ion: 73 Resp: 172181
 Ion Ratio Lower Upper
 73 100
 57 22.9 20.8 31.2

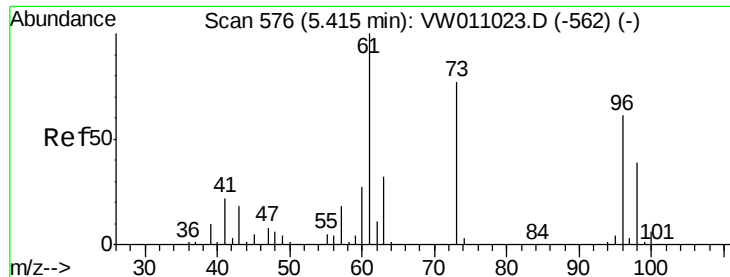


#20

Methylene Chloride
 Concen: 45.302 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 84 Resp: 130928
 Ion Ratio Lower Upper
 84 100
 49 149.8 119.6 179.4
 51 45.6 35.6 53.4
 86 62.8 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 50.569 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

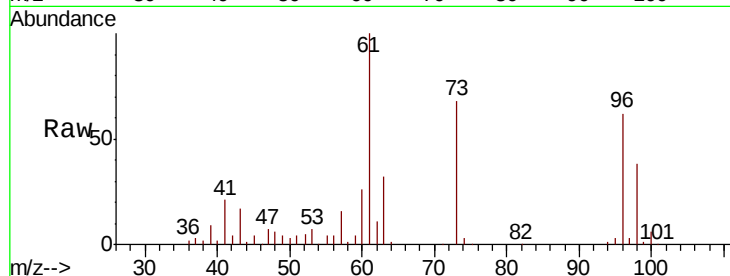
Tot Ion: 96 Resp: 131490

Ion Ratio Lower Upper

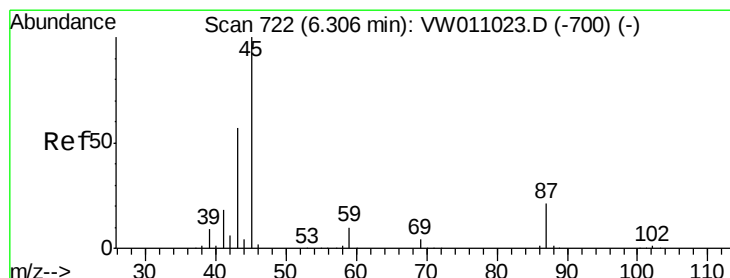
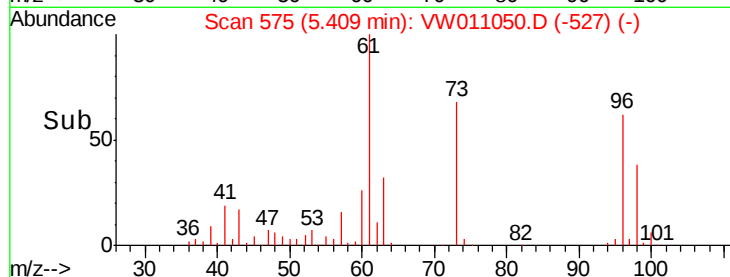
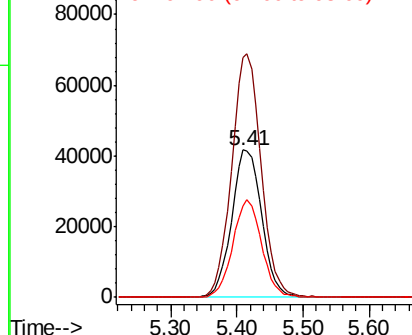
96 100

61 162.5 131.0 196.4

98 62.0 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: 49.395 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Tgt Ion: 45 Resp: 482759

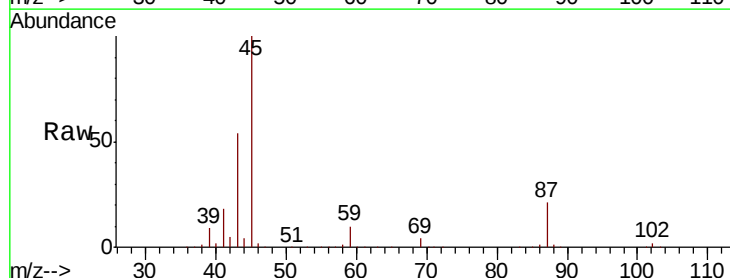
Ion Ratio Lower Upper

45 100

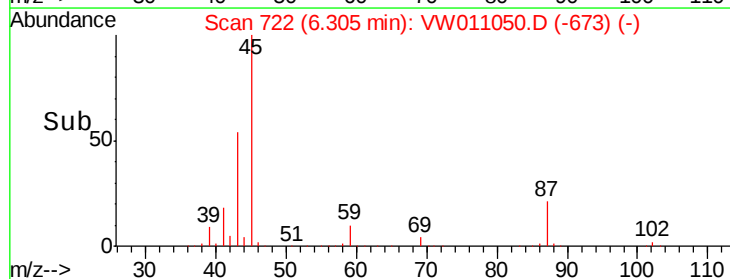
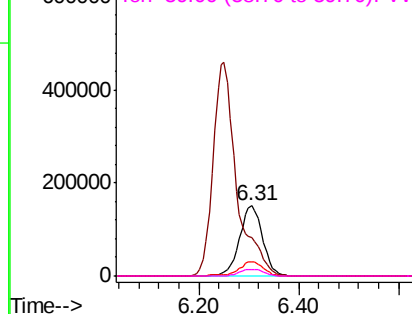
43 53.7 45.8 68.6

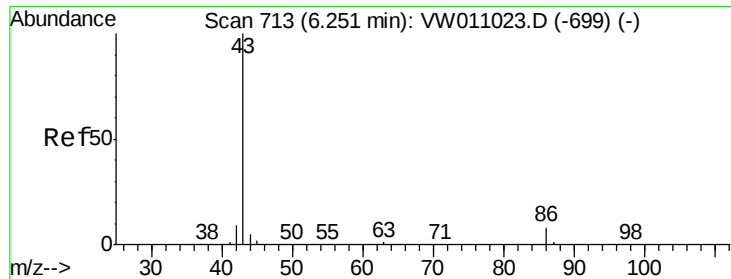
87 20.7 17.1 25.7

59 10.0 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: 249.418 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

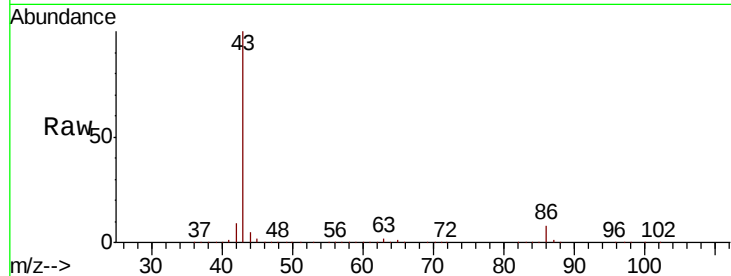
VSTDCCC050

Tot Ion: 43 Resp: 1501984

Ion Ratio Lower Upper

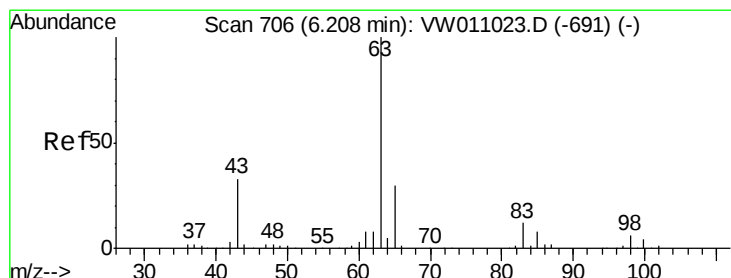
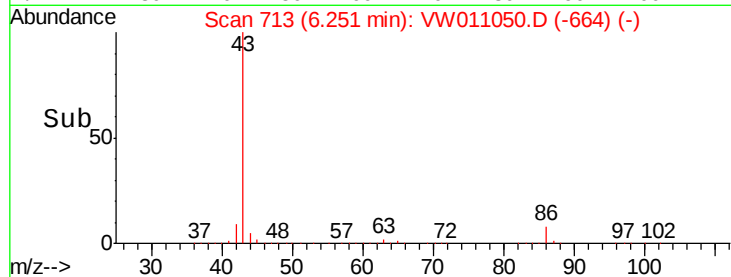
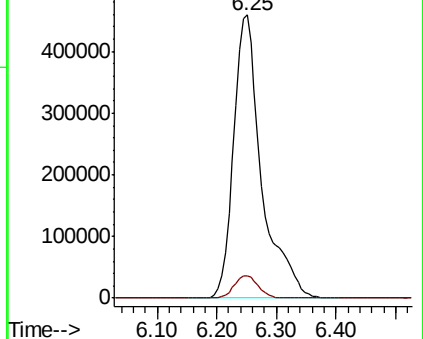
43 100

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



#24

1,1-Dichloroethane

Concen: 49.328 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

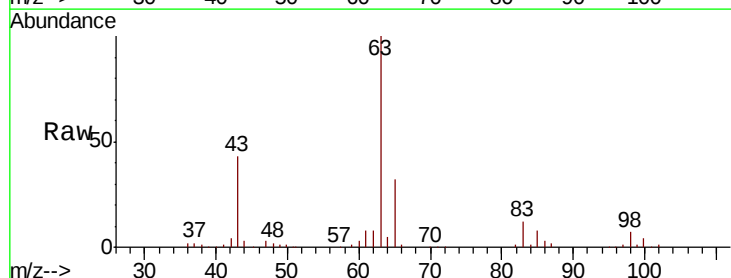
Tgt Ion: 63 Resp: 254477

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

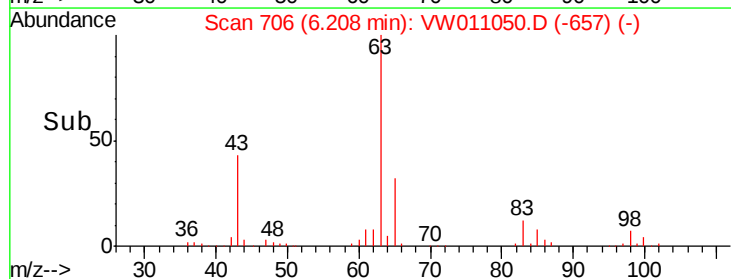
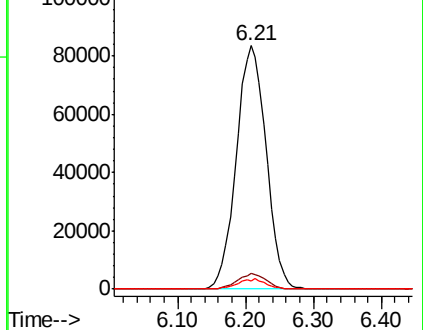
100 3.6 2.1 6.2

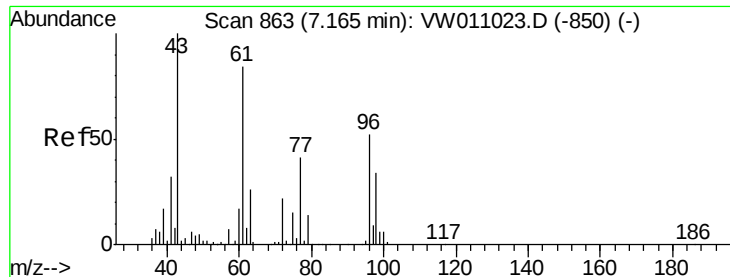


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 234.283 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

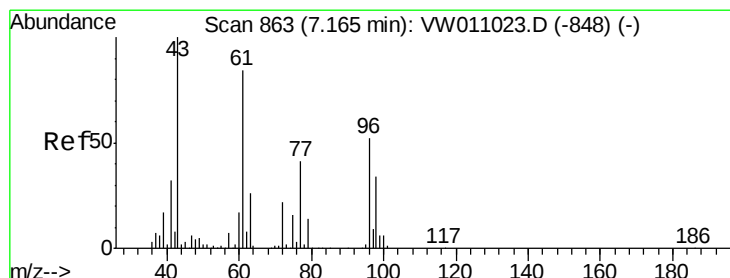
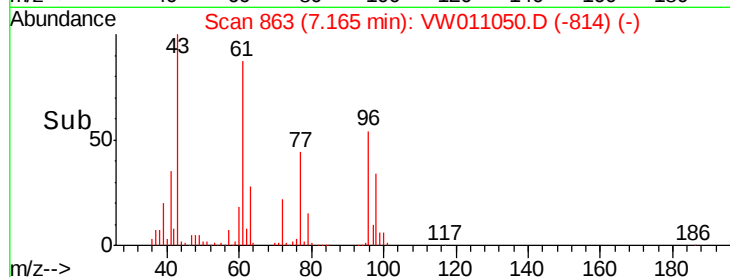
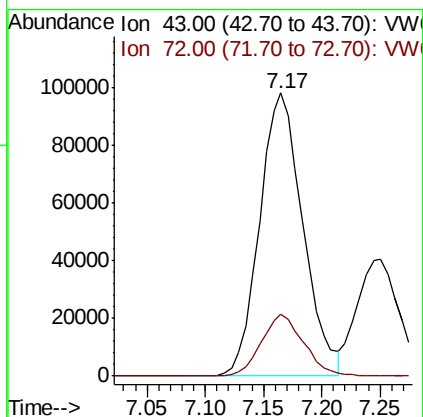
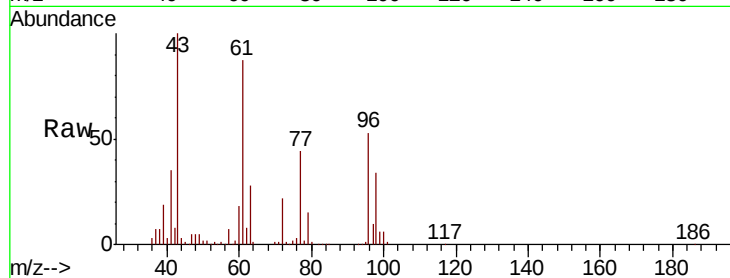
VSTDCCC050

Tot Ion: 43 Resp: 253319

Ion Ratio Lower Upper

43 100

72 22.0 17.2 25.8



#26

2,2-Dichloropropane

Concen: 48.210 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011050.D

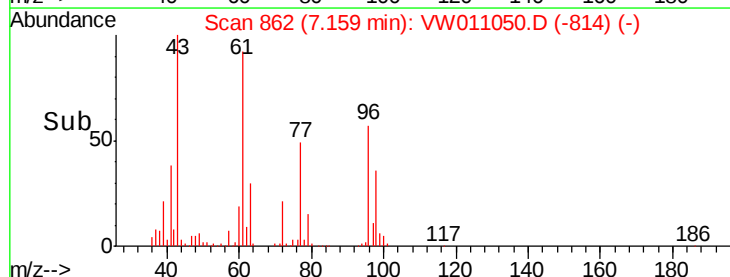
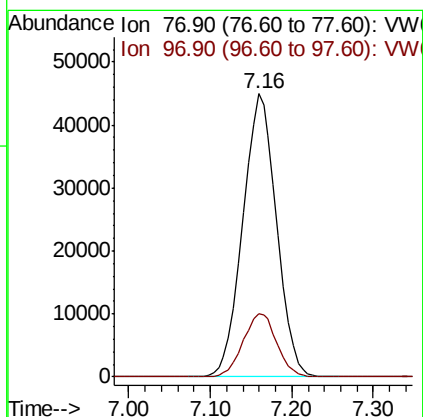
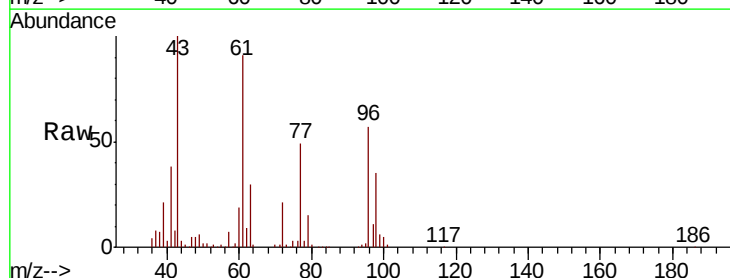
Acq: 28 Jun 2019 09:56

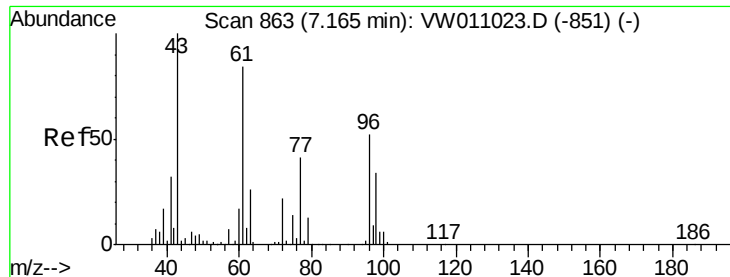
Tgt Ion: 77 Resp: 129132

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.7



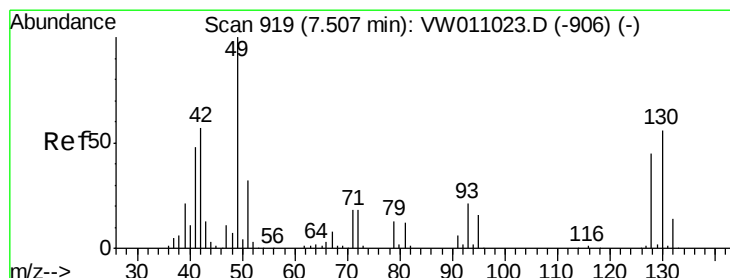
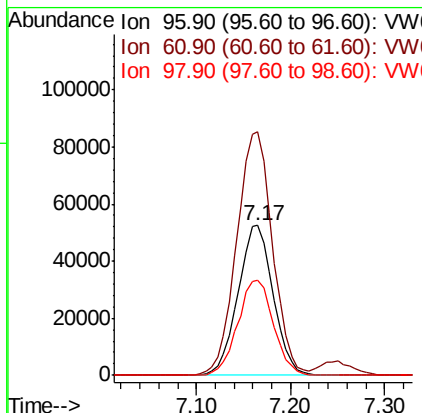
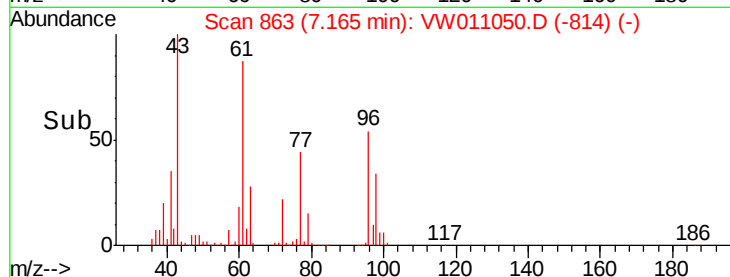
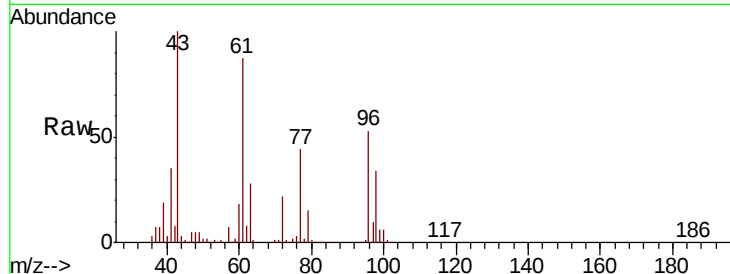


#27

cis-1,2-Dichloroethene
Concen: 48.857 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

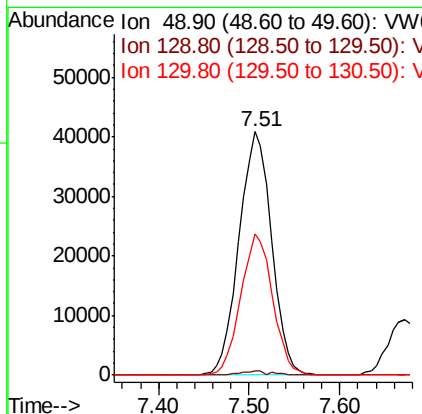
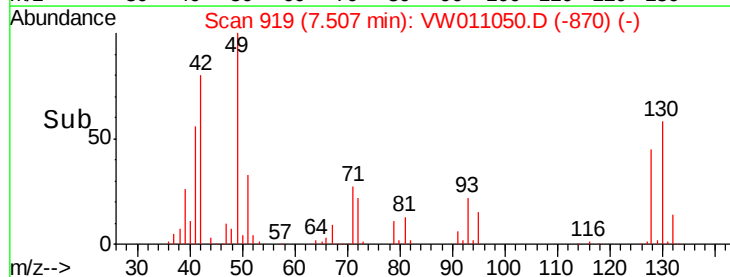
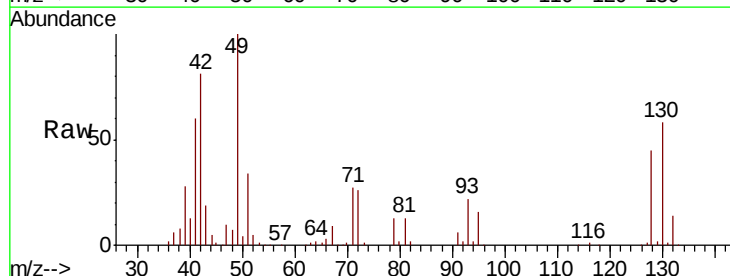
Tot Ion: 96 Resp: 136787
Ion Ratio Lower Upper
96 100
61 165.9 0.0 330.4
98 64.7 0.0 129.4

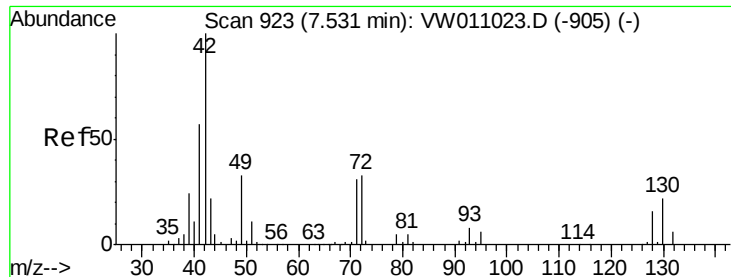


#28

Bromochloromethane
Concen: 42.394 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 49 Resp: 101813
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.4
130 56.7 46.1 69.1

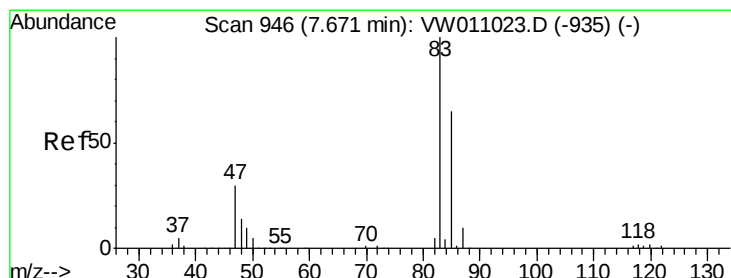
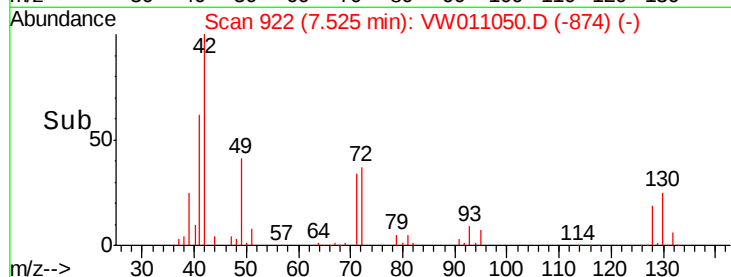
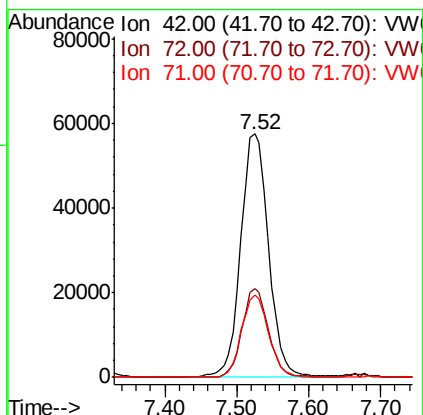
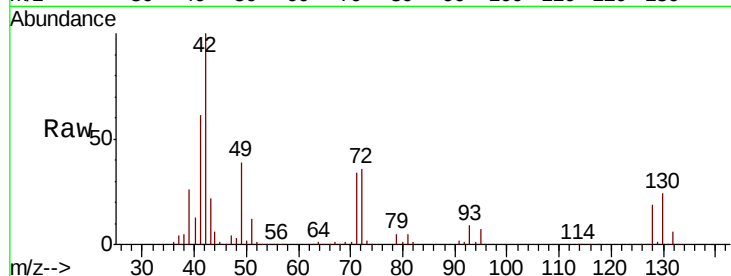




#29
Tetrahydrofuran
Concen: 229.332 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

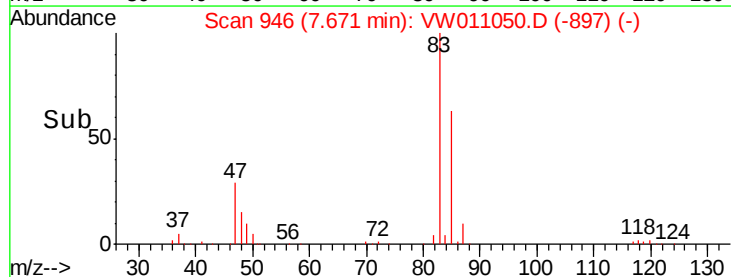
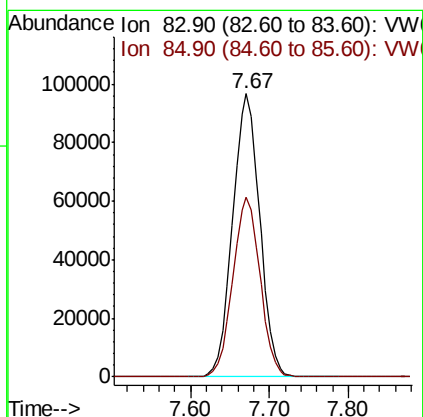
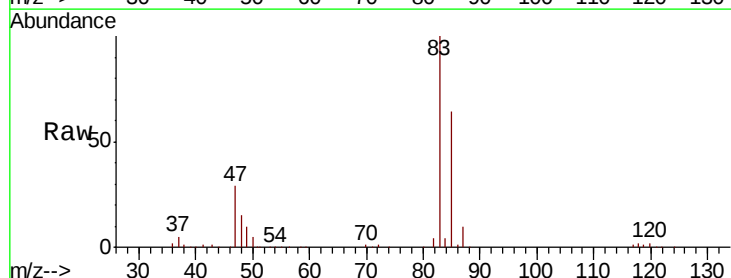
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

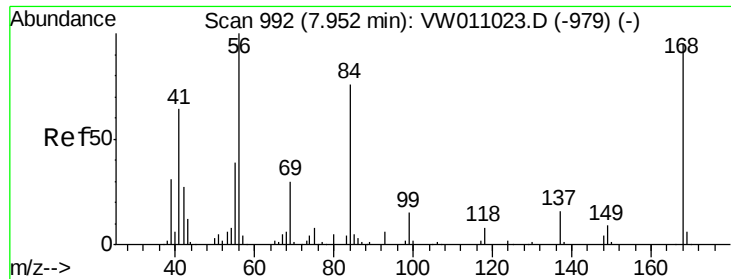
Tot Ion: 42 Resp: 154361
Ion Ratio Lower Upper
42 100
72 34.5 27.4 41.0
71 32.9 25.6 38.4



#30
Chloroform
Concen: 49.341 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 83 Resp: 231251
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4

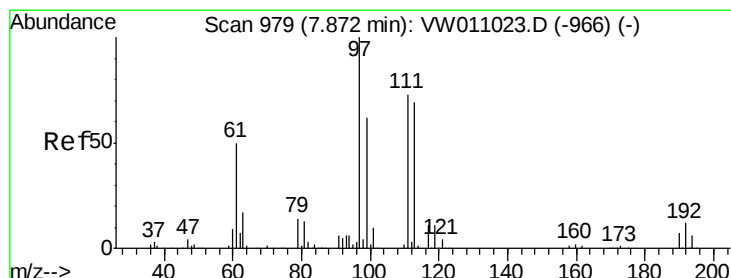
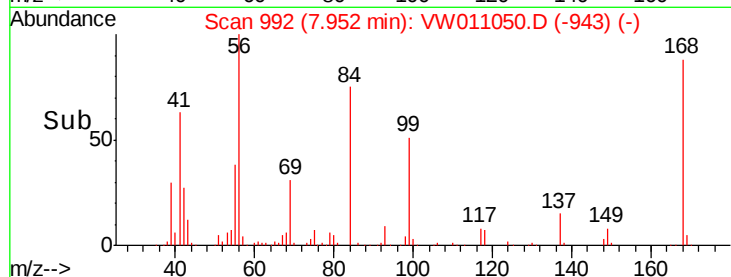
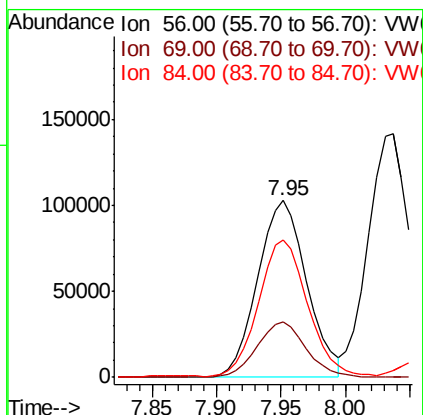
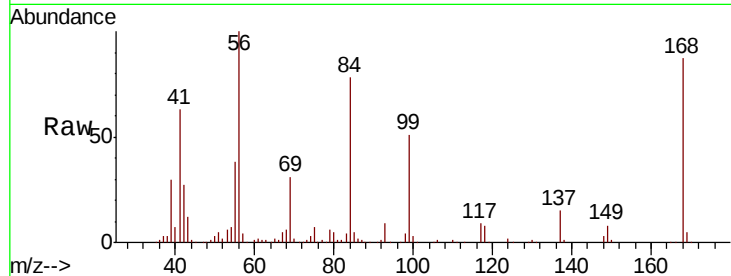




#31
Cyclohexane
Concen: 48.794 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

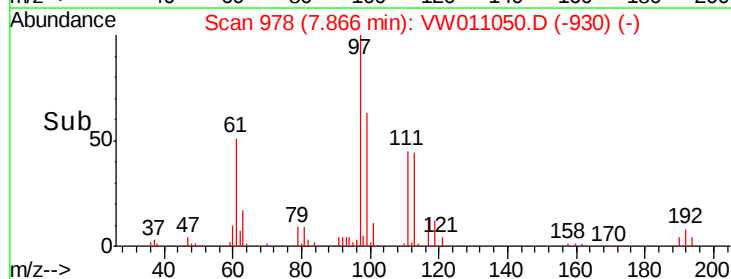
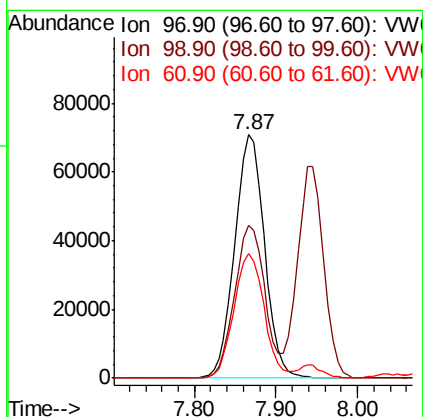
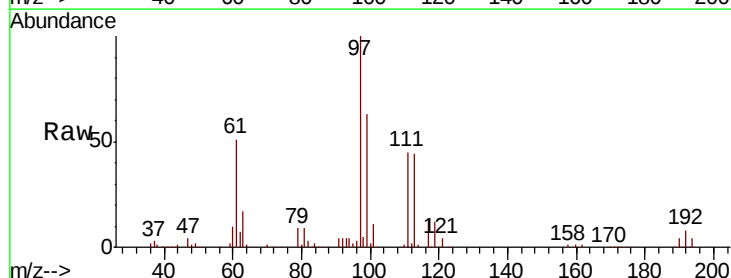
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

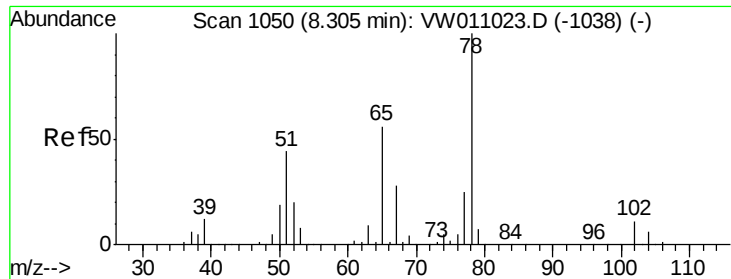
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.2	36.2
84	76.7	60.6	90.8



#32
1,1,1-Trichloroethane
Concen: 51.053 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	52.3	41.4	62.2

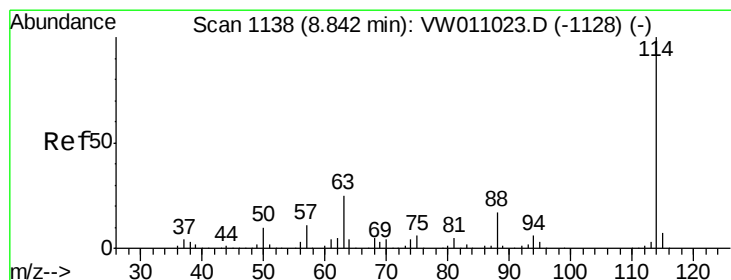
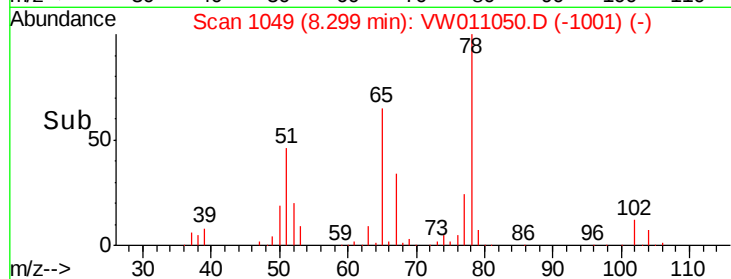
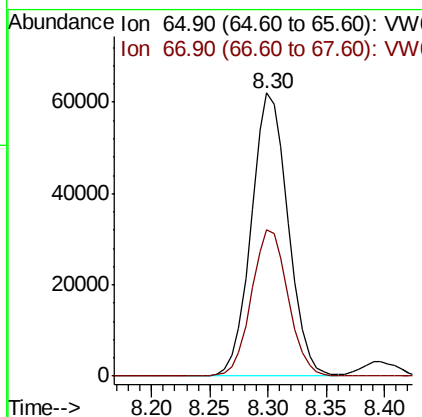
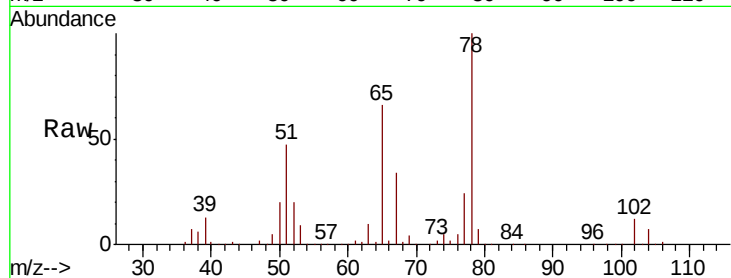




#33
 1,2-Dichloroethane-d4
 Concen: 46.781 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

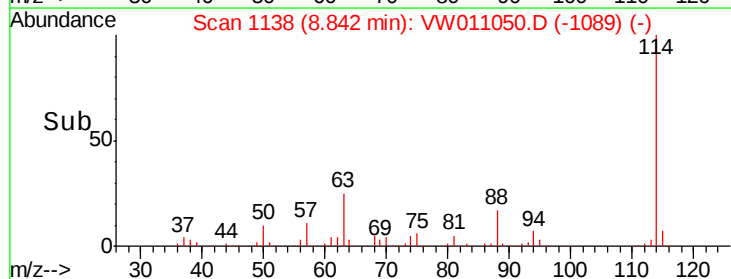
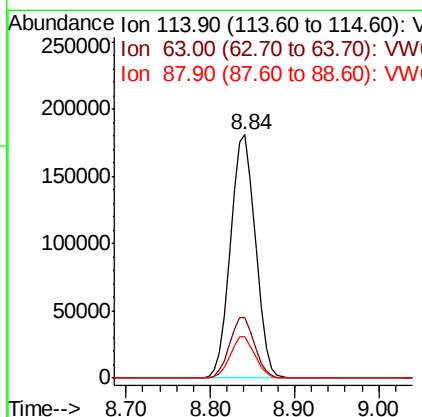
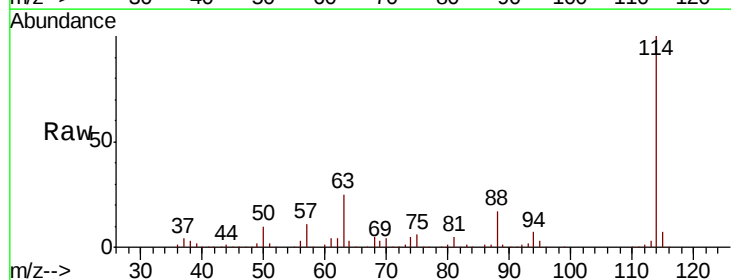
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

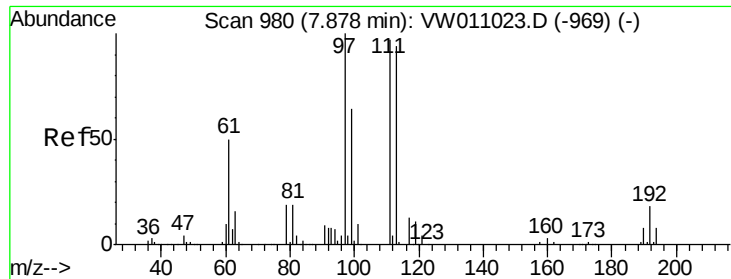
Tot Ion: 65 Resp: 136327
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 114 Resp: 363385
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.6
 88 16.9 0.0 34.0

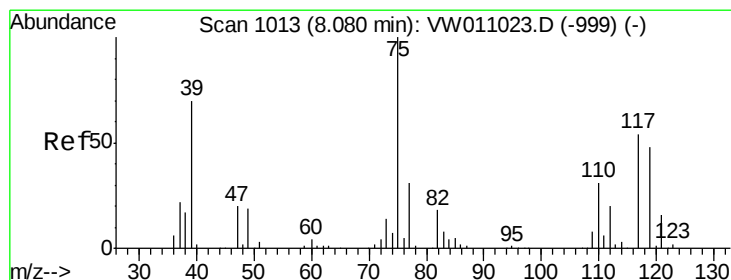
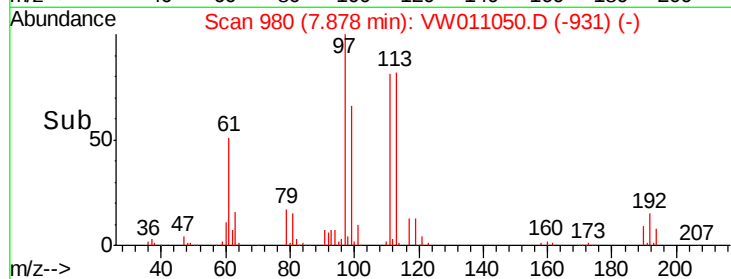
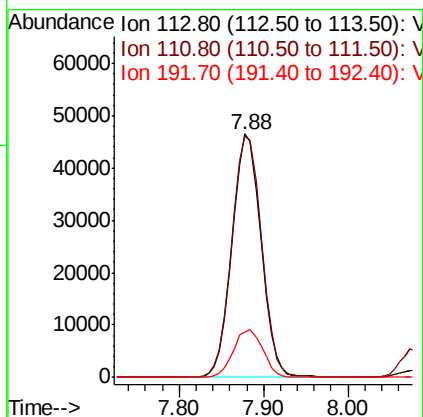
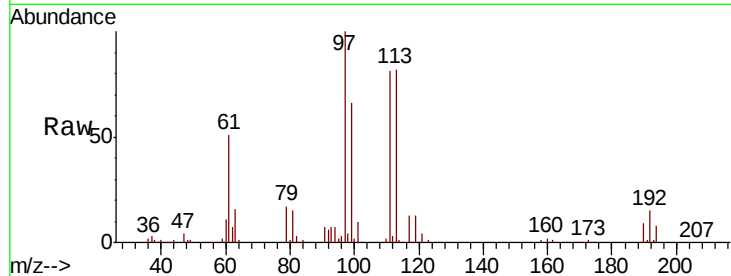




#35
 Dibromofluoromethane
 Concen: 48.816 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

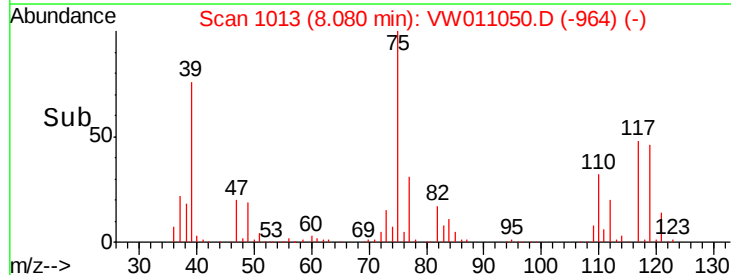
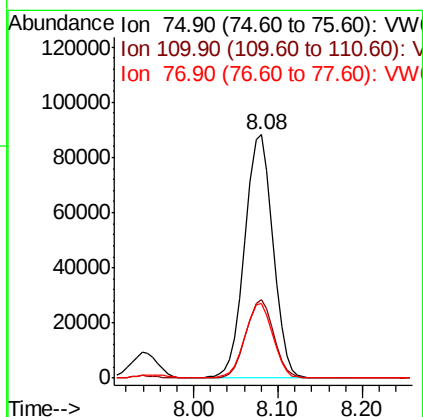
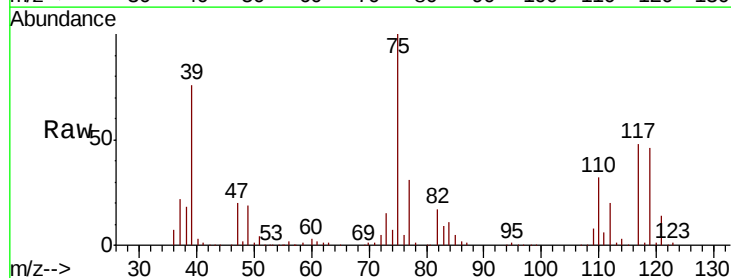
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

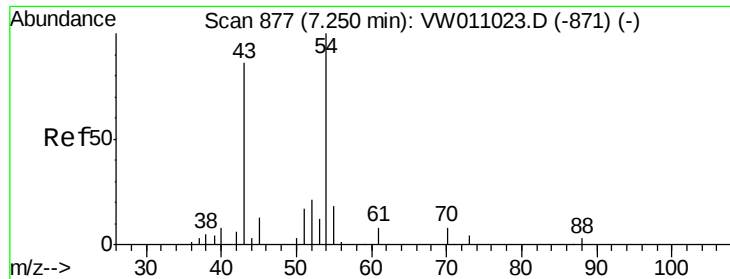
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	19.8	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 51.215 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.5	46.5
77	30.8	24.9	37.3

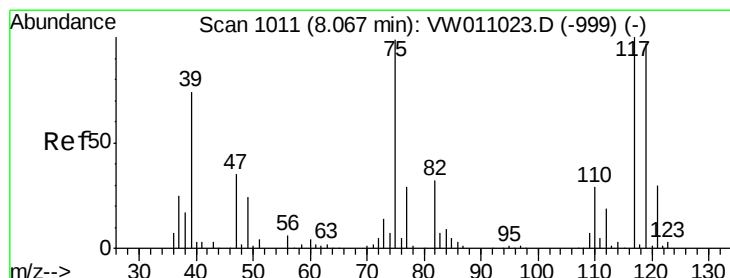
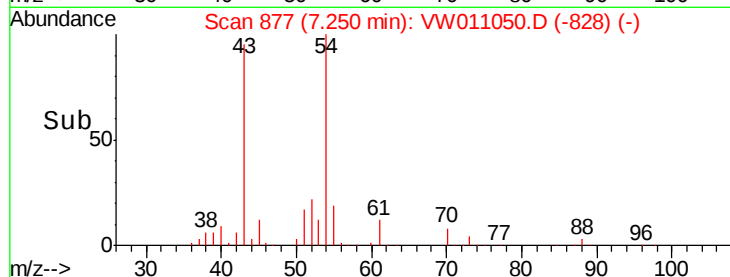
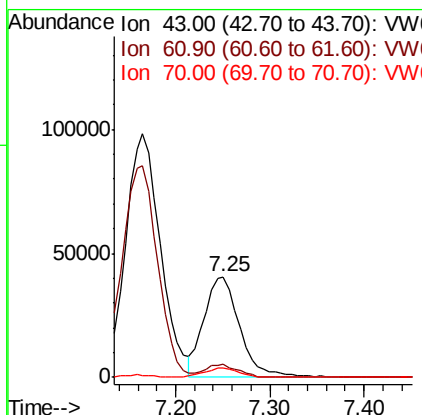
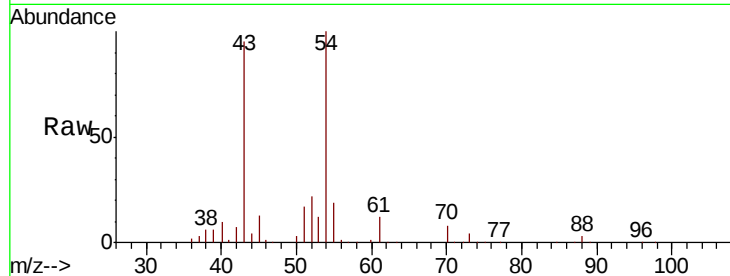




#37
Ethyl Acetate
Concen: 46.023 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

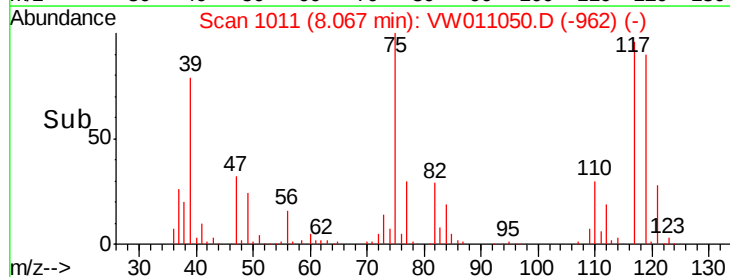
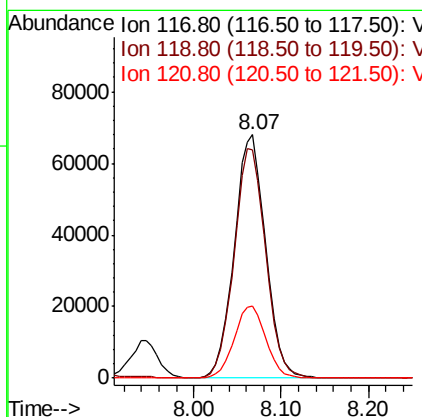
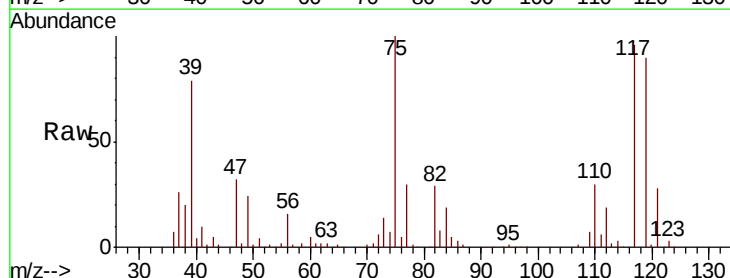
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

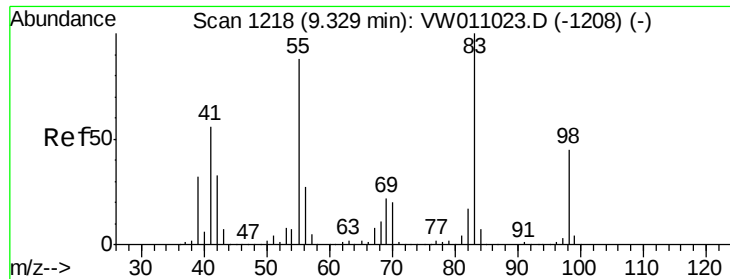
Tot Ion: 43 Resp: 104570
Ion Ratio Lower Upper
43 100
61 11.6 9.0 13.4
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.515 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 117 Resp: 168913
Ion Ratio Lower Upper
117 100
119 93.6 77.7 116.5
121 29.5 23.9 35.9

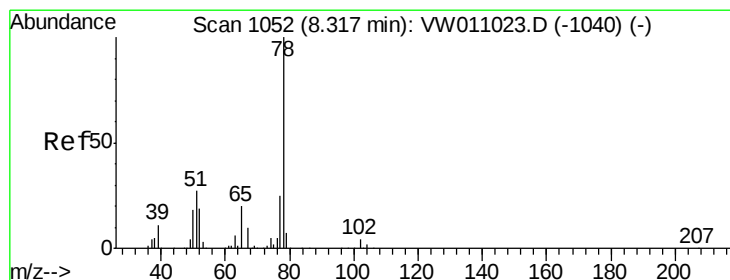
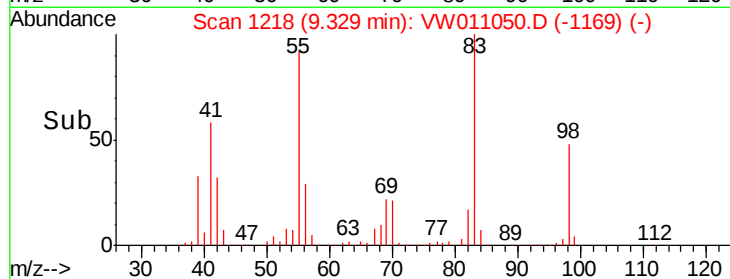
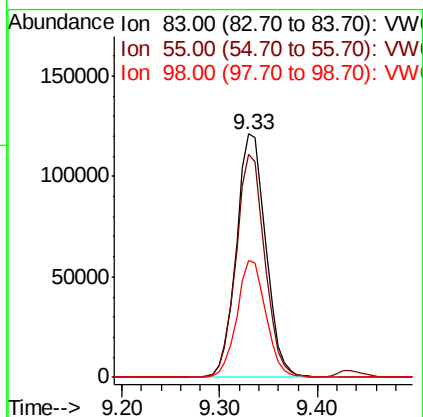
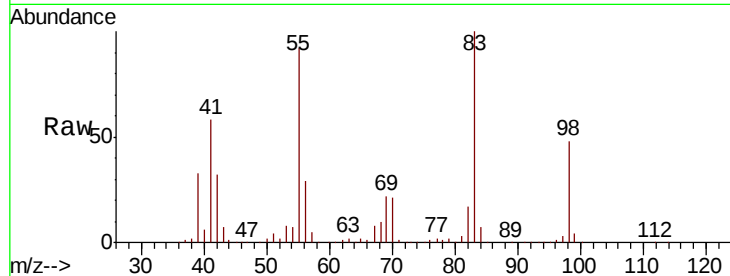




#39
Methvlcvclohexane
Concen: 52.708 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

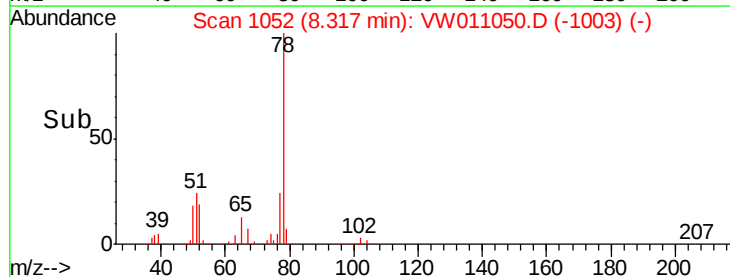
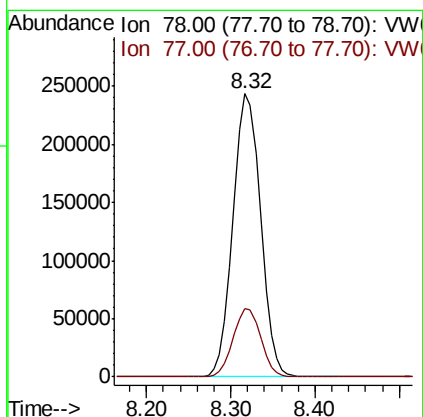
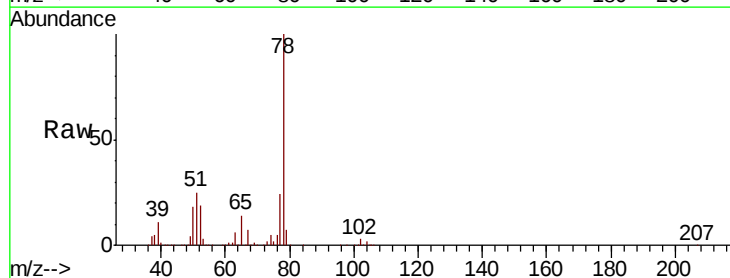
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

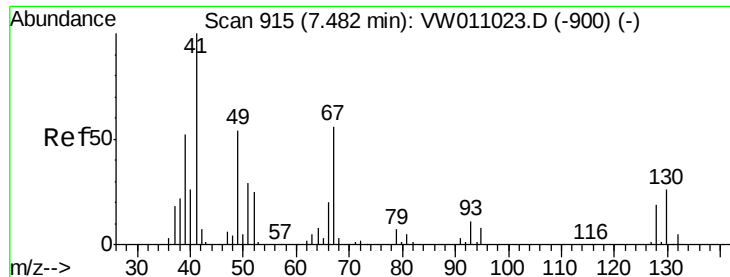
Tot Ion: 83 Resp: 253349
Ion Ratio Lower Upper
83 100
55 91.7 70.7 106.1
98 47.9 36.4 54.6



#40
Benzene
Concen: 50.317 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 78 Resp: 540526
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5





#41

Methacrylonitrile

Concen: 48.932 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 67643

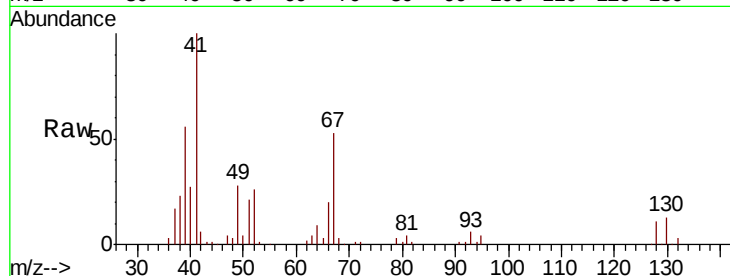
Ion Ratio Lower Upper

41 100

39 54.0 42.1 63.1

67 53.6 44.2 66.2

52 25.3 21.0 31.6

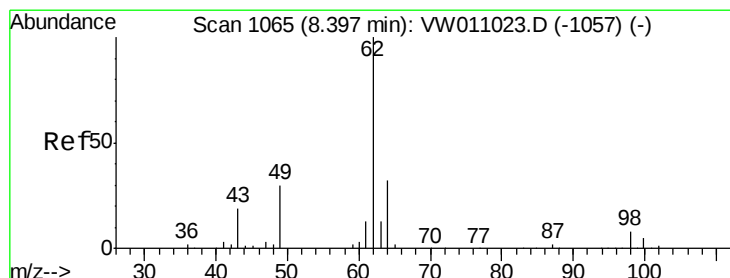
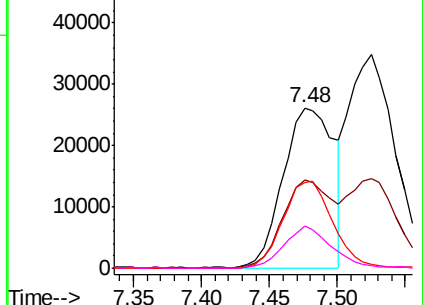
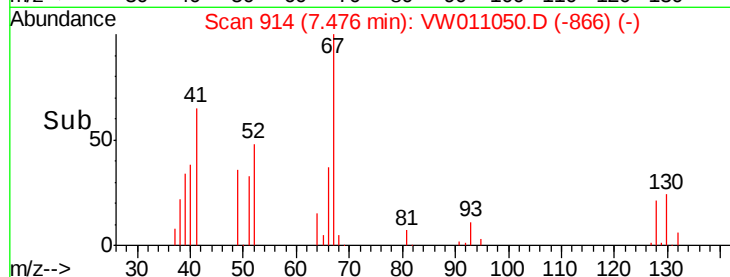


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 48.643 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW011050.D

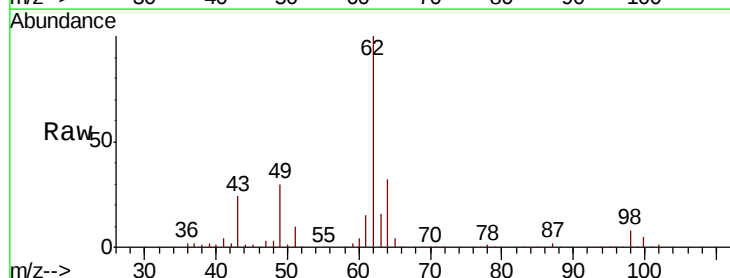
Acq: 28 Jun 2019 09:56

Tgt Ion: 62 Resp: 171333

Ion Ratio Lower Upper

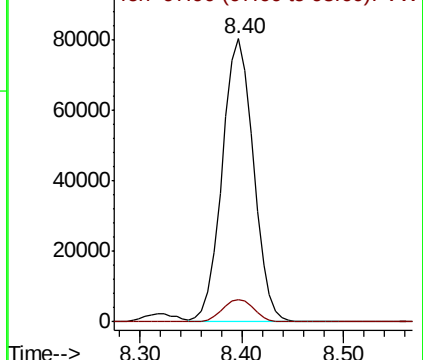
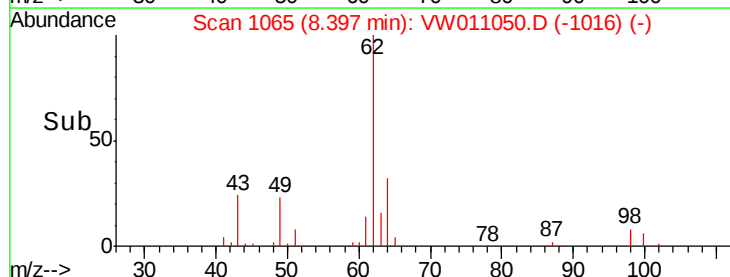
62 100

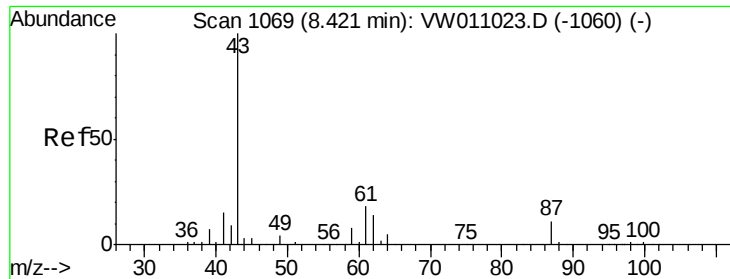
98 8.1 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 46.999 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

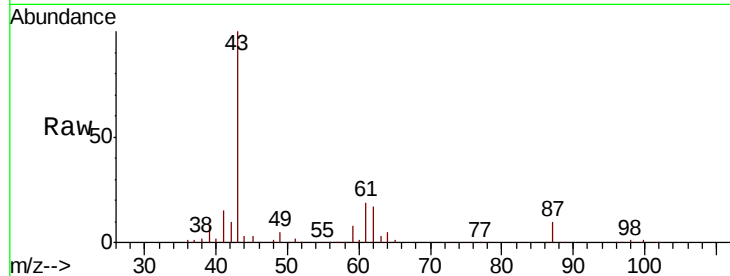
Tot Ion: 43 Resp: 202017

Ion Ratio Lower Upper

43 100

61 26.4 21.0 31.6

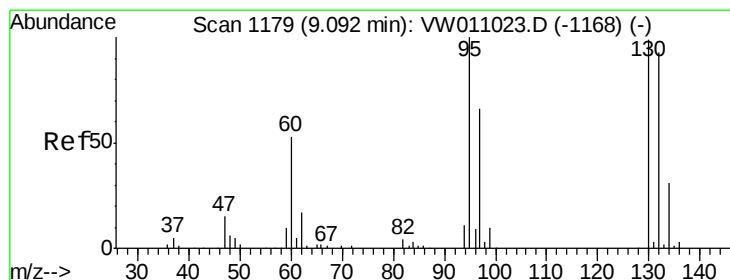
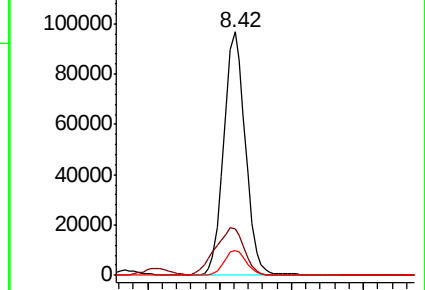
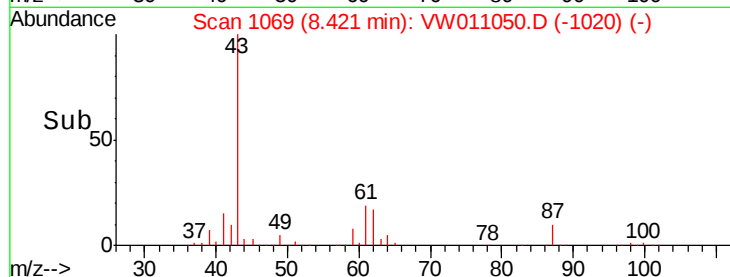
87 10.5 8.2 12.4



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: 49.939 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011050.D

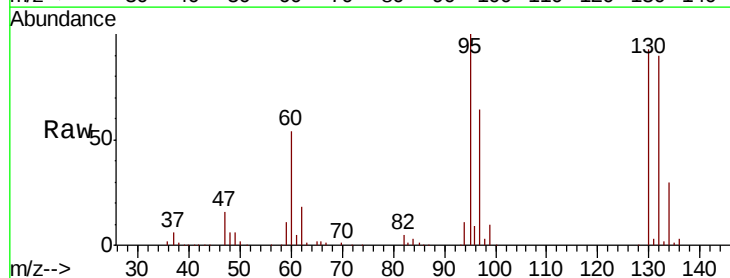
Acq: 28 Jun 2019 09:56

Tgt Ion: 130 Resp: 129653

Ion Ratio Lower Upper

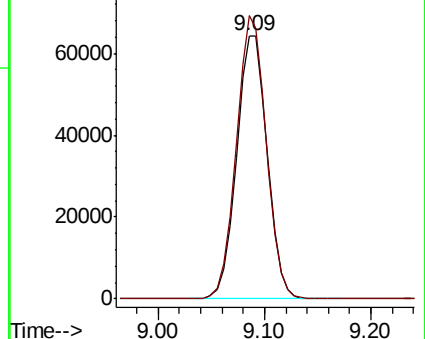
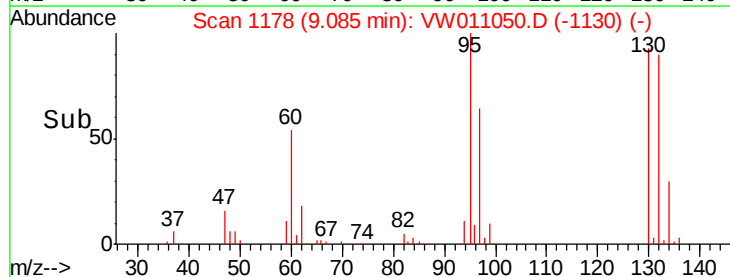
130 100

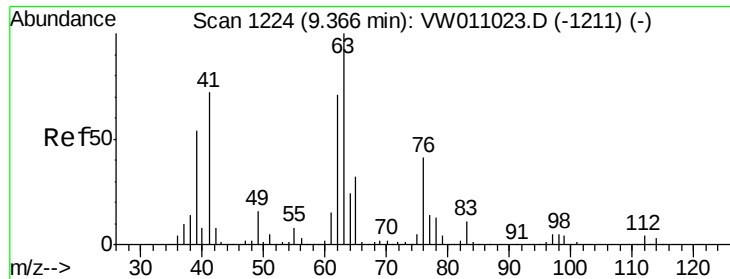
95 107.6 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

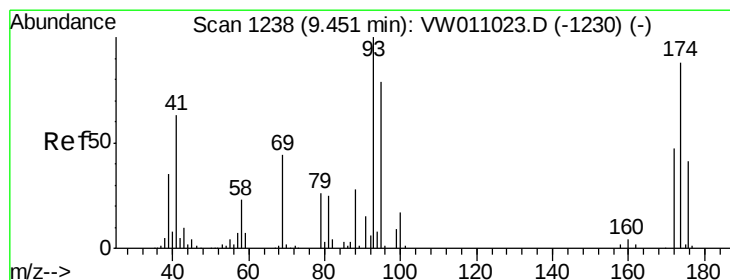
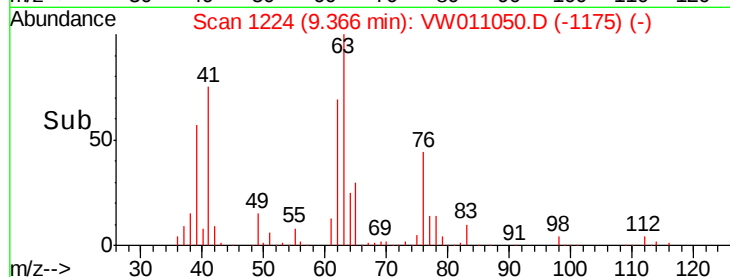
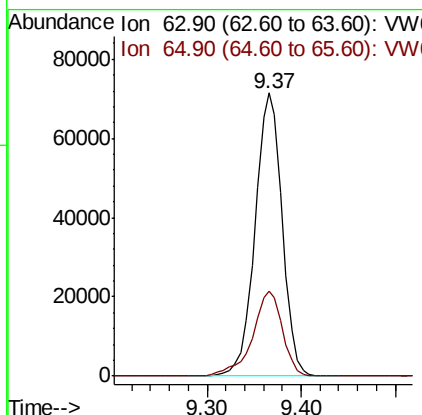
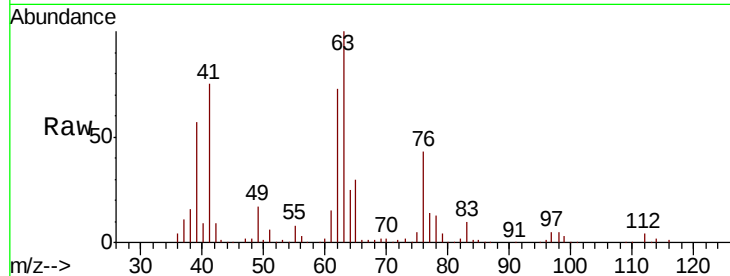




#45
 1,2-Dichloropropane
 Concen: 49.342 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

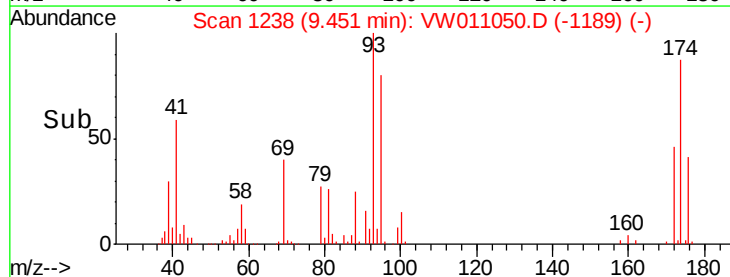
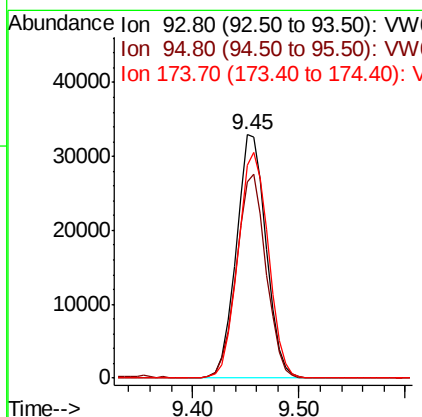
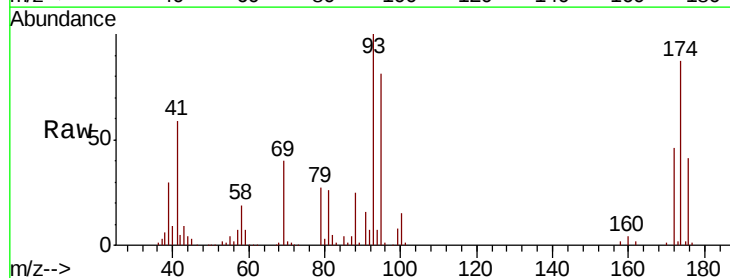
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

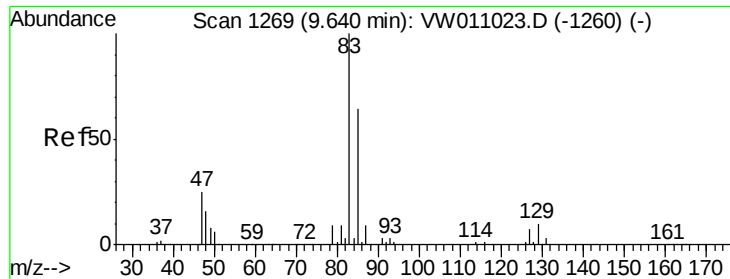
Tot Ion: 63 Resp: 143942
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.6 38.4



#46
 Dibromomethane
 Concen: 47.499 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 93 Resp: 64804
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.6
 174 94.6 75.4 113.0

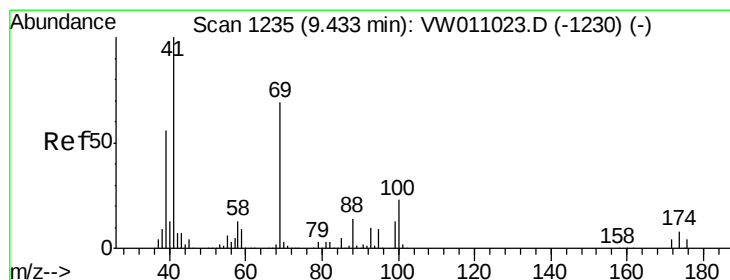
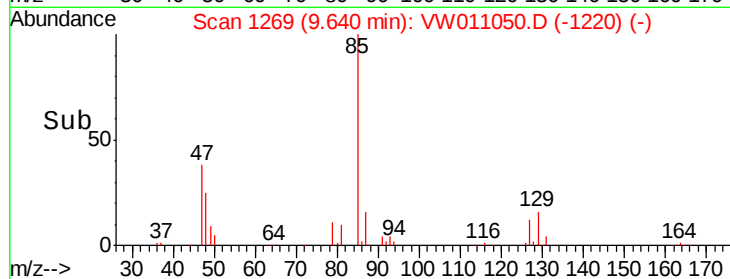
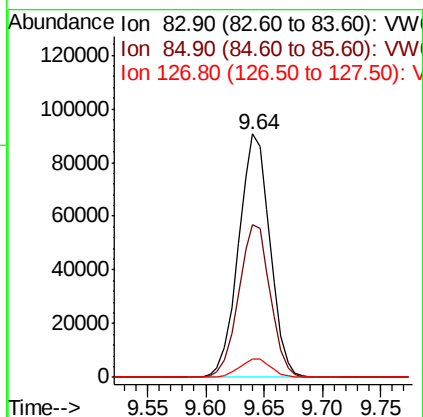
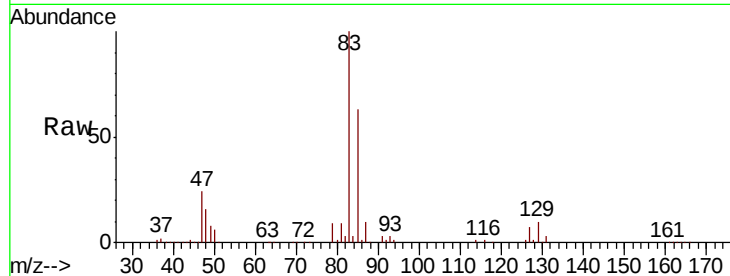




#47
 Bromodichloromethane
 Concen: 50.283 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

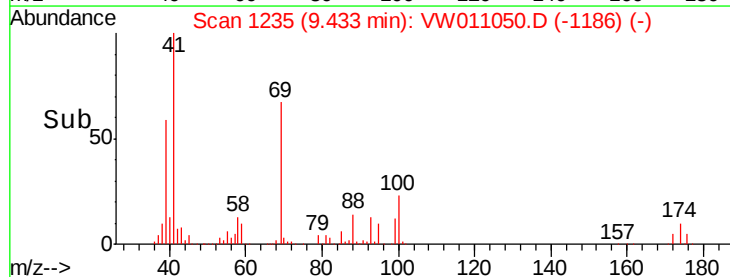
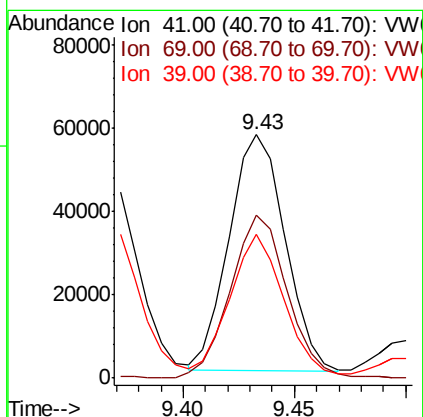
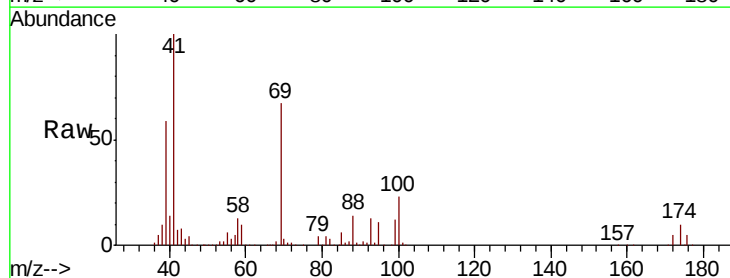
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

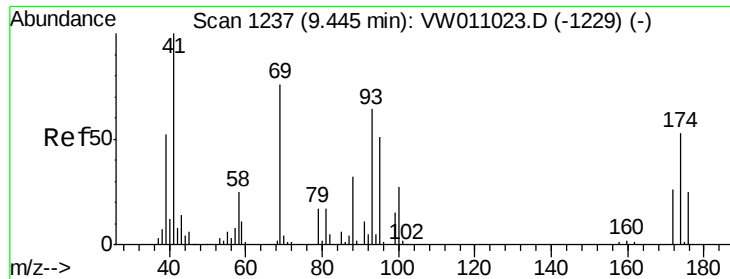
Tot Ion: 83 Resp: 169850
 Ion Ratio Lower Upper
 83 100
 85 62.9 51.0 76.4
 127 7.3 5.8 8.8



#48
 Methyl methacrylate
 Concen: 47.537 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 41 Resp: 99072
 Ion Ratio Lower Upper
 41 100
 69 70.4 56.7 85.1
 39 56.1 45.0 67.6





#49

1,4-Dioxane

Concen: 920.767 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

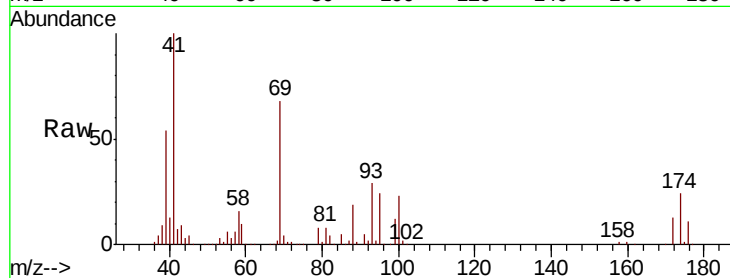
Tot Ion: 88 Resp: 21122

Ion Ratio Lower Upper

88 100

43 46.5 34.4 51.6

58 81.3 65.2 97.8

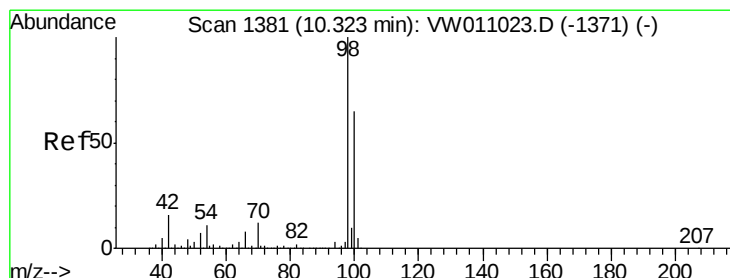
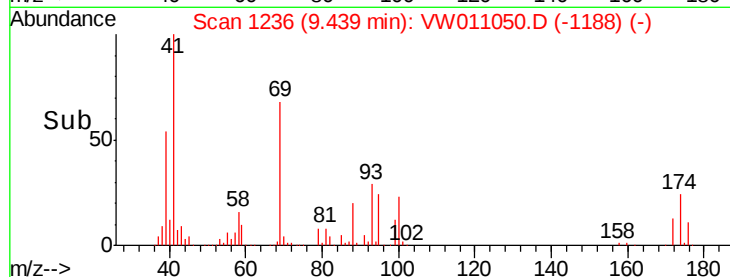
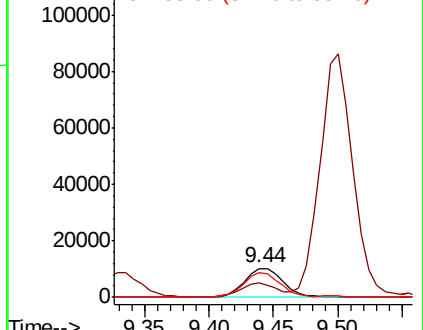


Abundance

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: 49.883 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011050.D

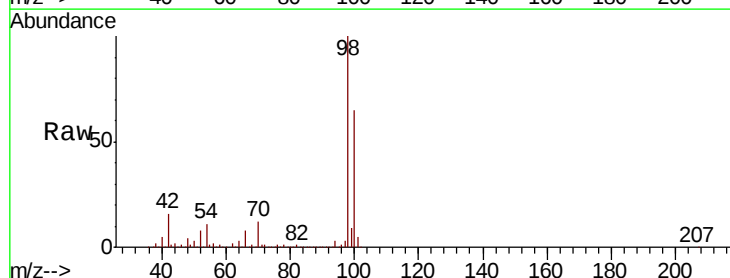
Acq: 28 Jun 2019 09:56

Tgt Ion: 98 Resp: 455628

Ion Ratio Lower Upper

98 100

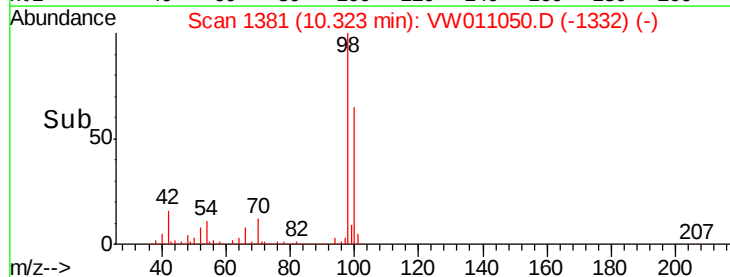
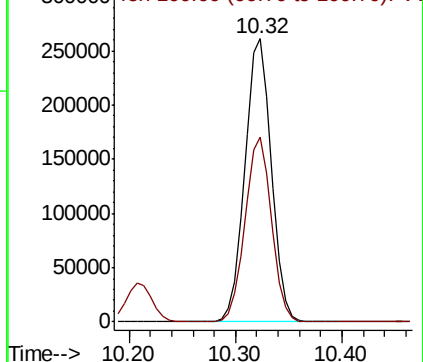
100 65.3 52.3 78.5

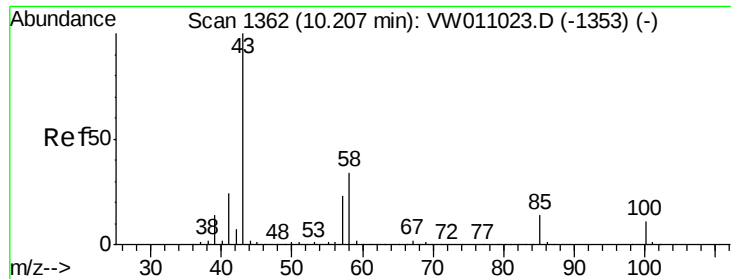


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 234.397 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

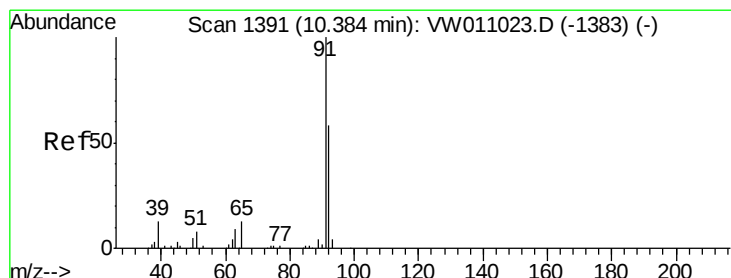
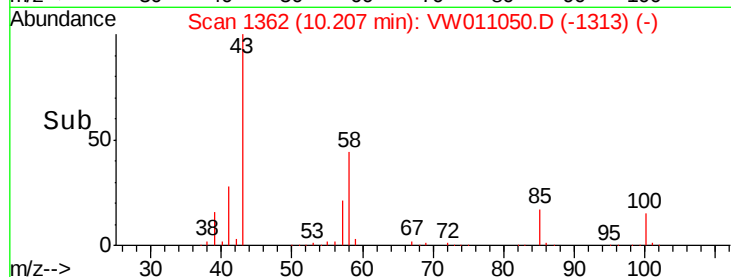
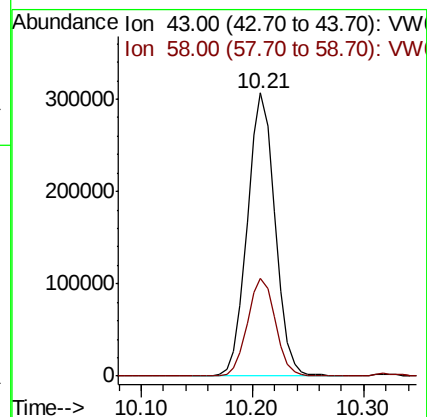
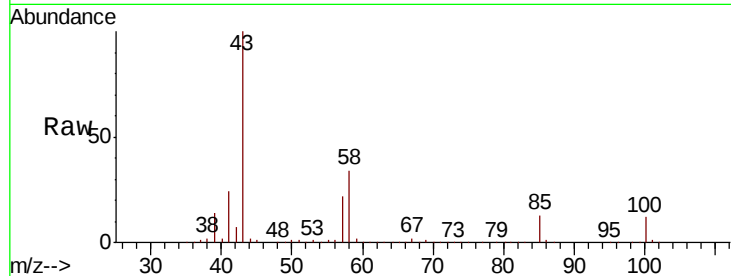
VSTDCCC050

Tot Ion: 43 Resp: 530342

Ion Ratio Lower Upper

43 100

58 34.9 27.8 41.6



#52

Toluene

Concen: 50.882 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011050.D

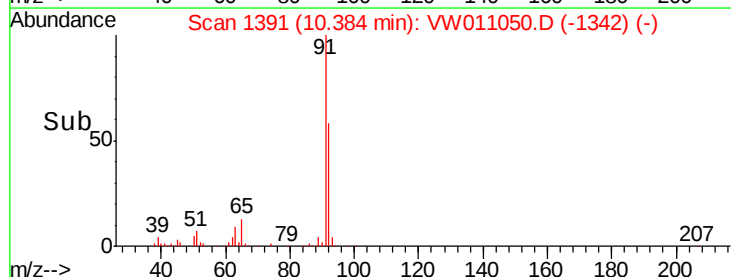
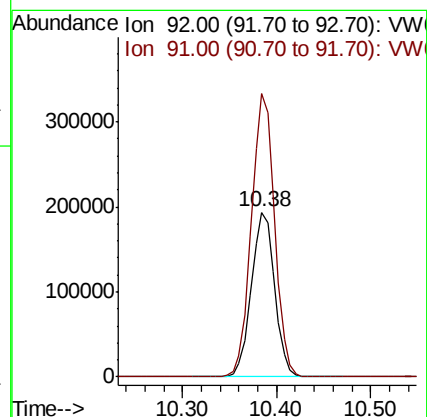
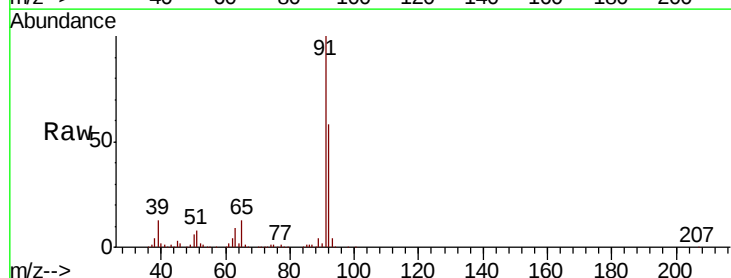
Acq: 28 Jun 2019 09:56

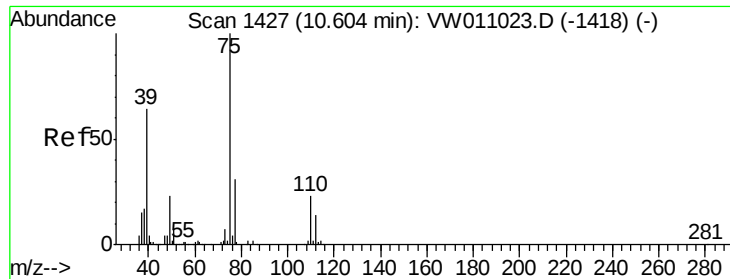
Tgt Ion: 92 Resp: 334646

Ion Ratio Lower Upper

92 100

91 171.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 50.130 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

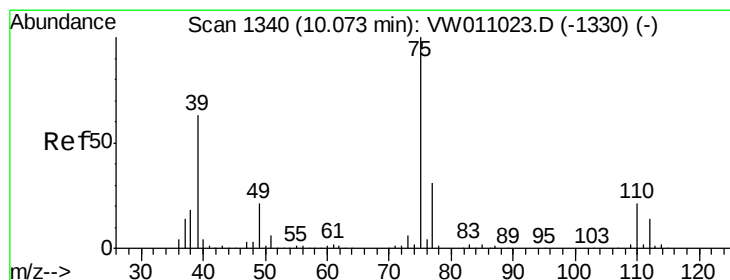
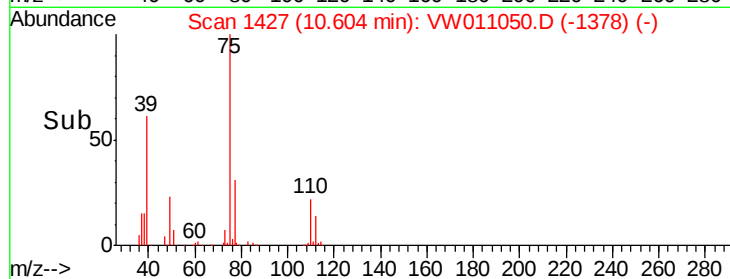
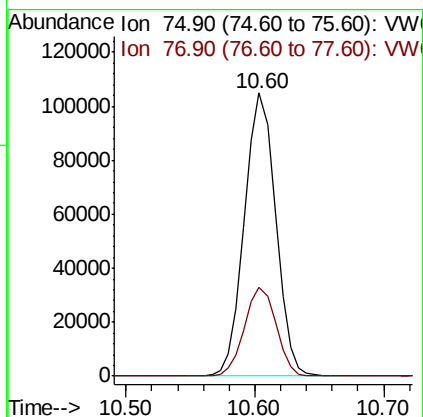
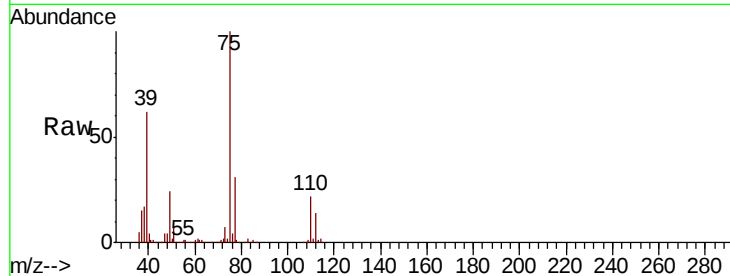
VSTDCCC050

Tot Ion: 75 Resp: 176377

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 50.717 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

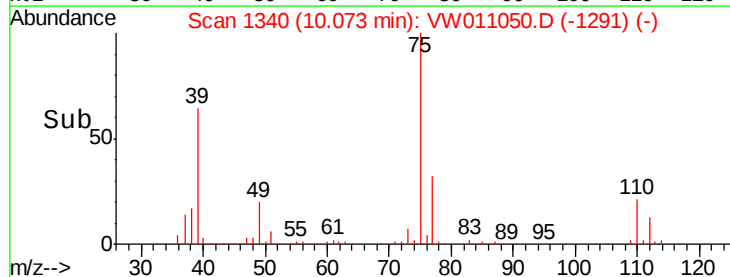
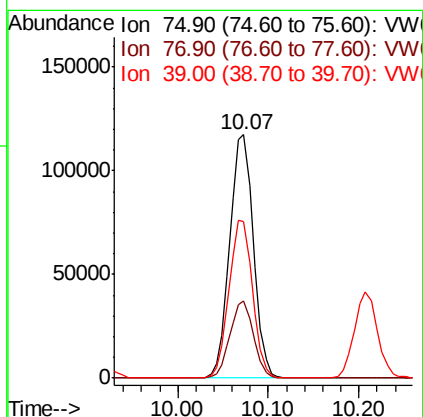
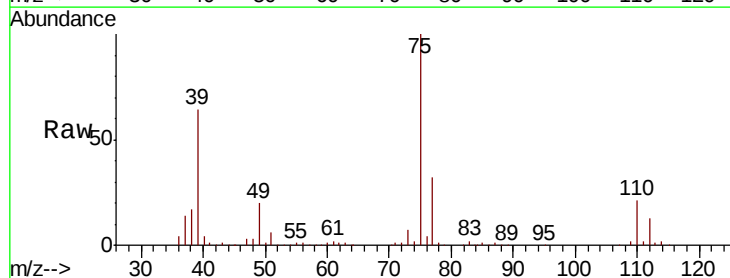
Tgt Ion: 75 Resp: 212864

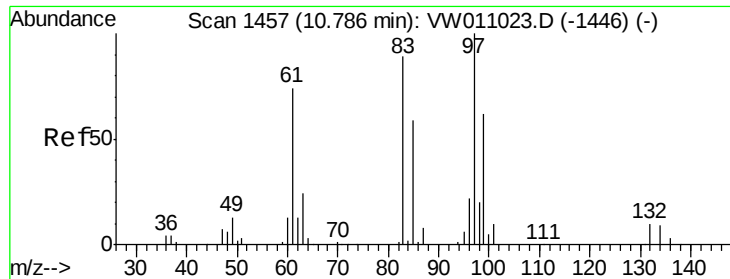
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 64.2 50.0 75.0



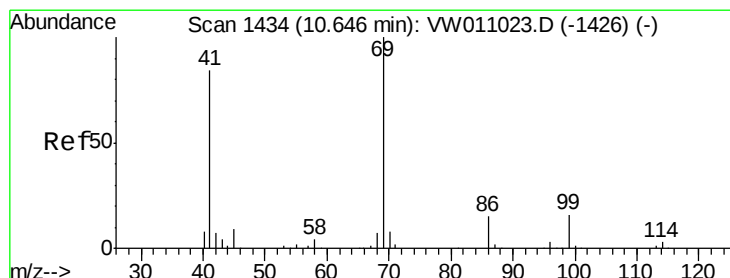
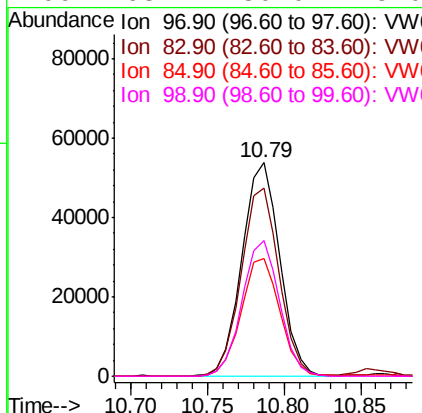
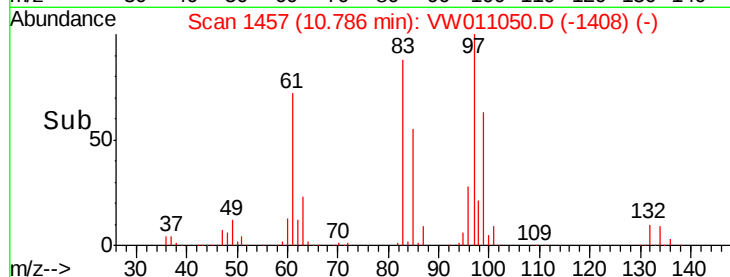
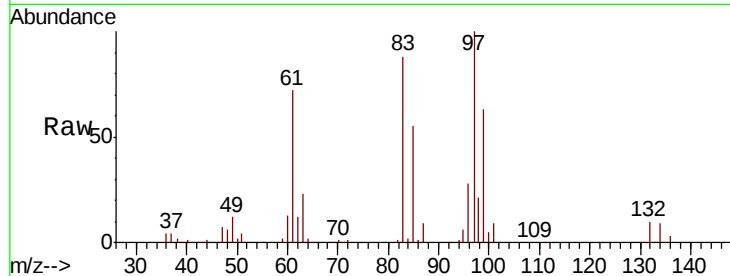


#55
 1,1,2-Trichloroethane
 Concen: 48.109 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 92732

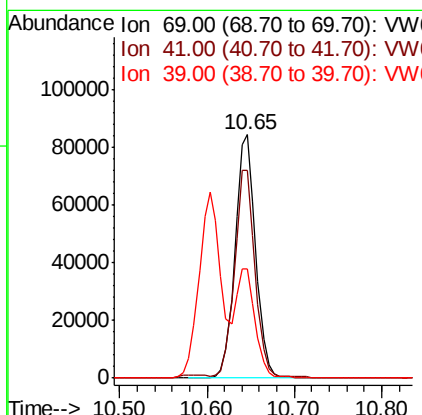
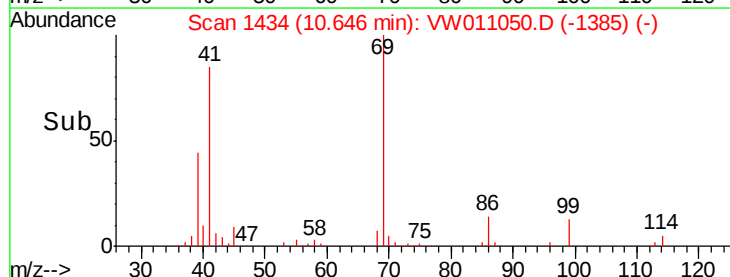
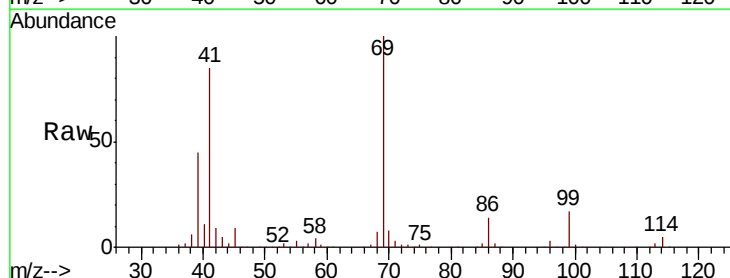
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.9	106.3
85	55.4	47.2	70.8
99	63.4	50.0	75.0

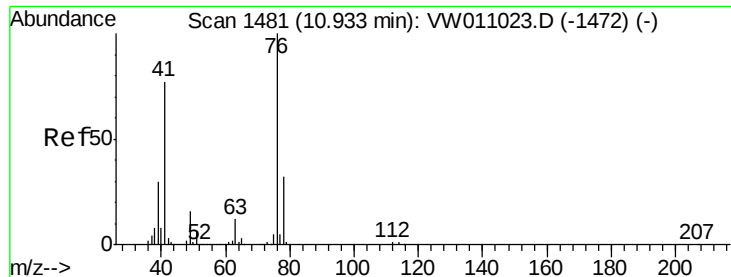


#56
 Ethyl methacrylate
 Concen: 48.201 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 69 Resp: 139129

Ion	Ratio	Lower	Upper
69	100		
41	84.6	67.9	101.9
39	40.2	33.2	49.8





#57

1,3-Dichloropropane

Concen: 47.968 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

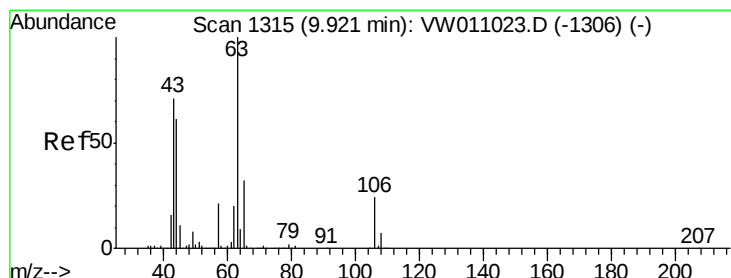
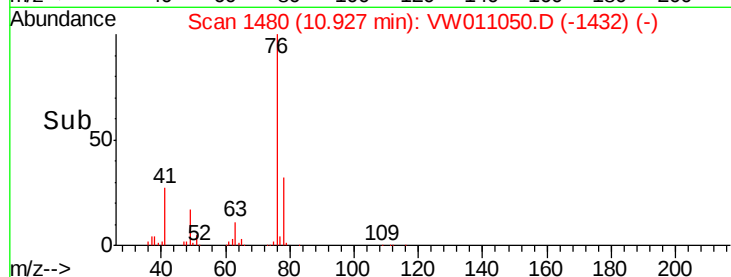
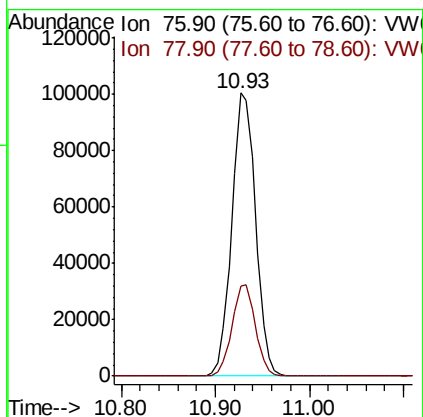
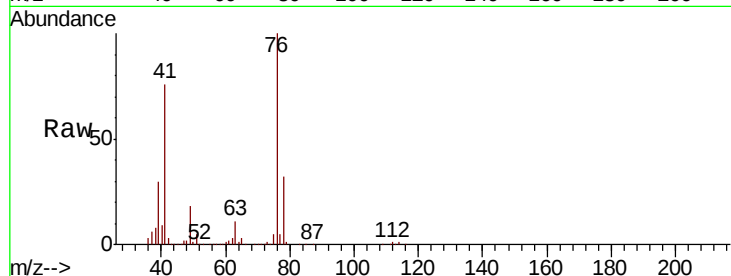
VSTDCCC050

Tot Ion: 76 Resp: 175879

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 199.036 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011050.D

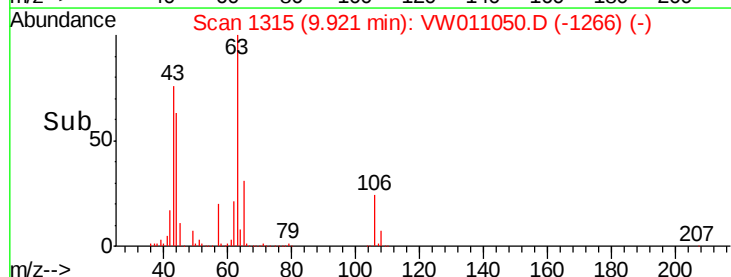
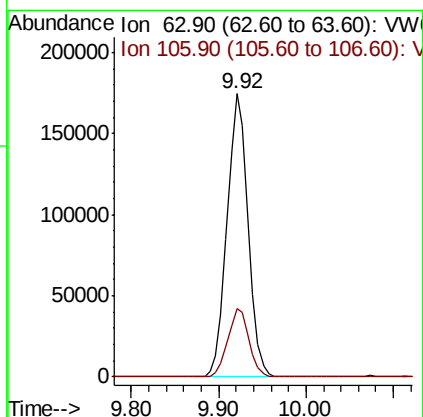
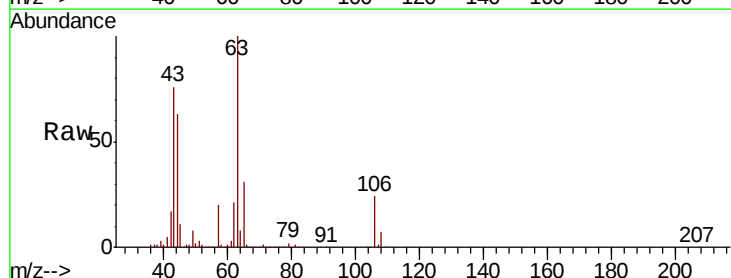
Acq: 28 Jun 2019 09:56

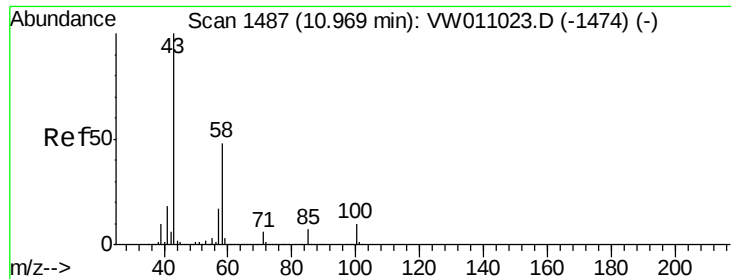
Tgt Ion: 63 Resp: 290678

Ion Ratio Lower Upper

63 100

106 24.3 19.4 29.0

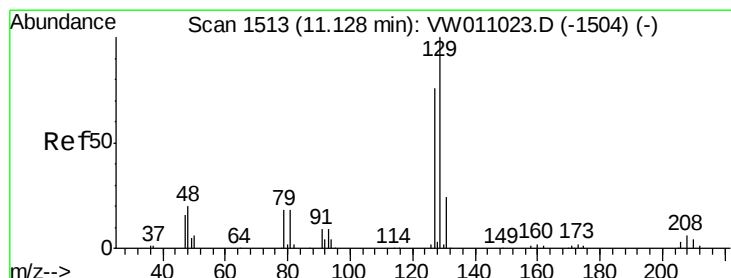
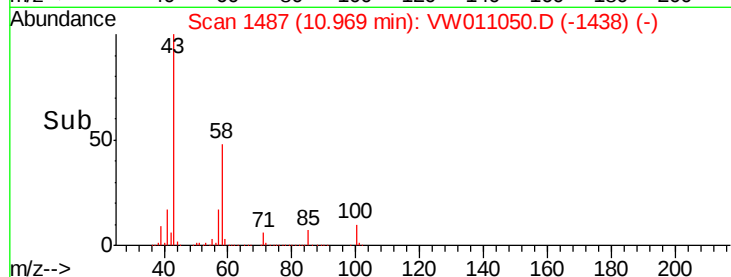
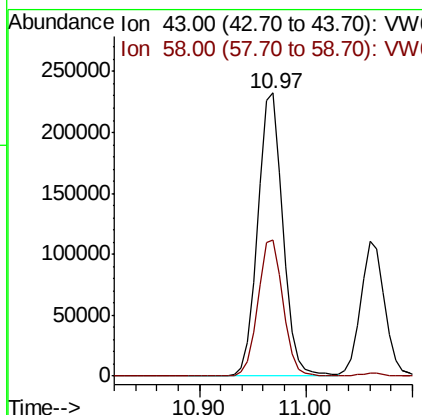
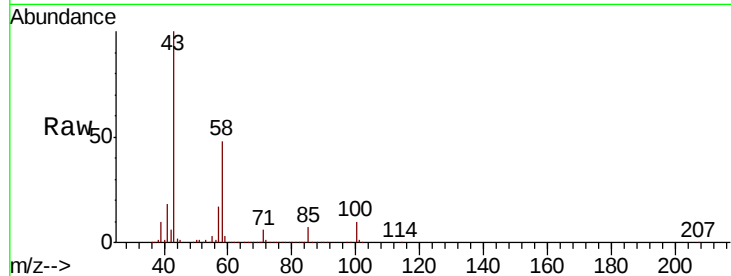




#59
2-Hexanone
Concen: 243.791 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

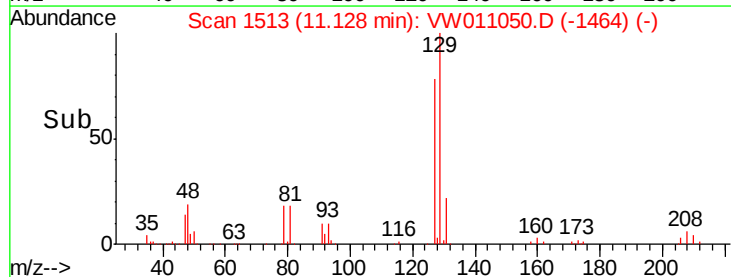
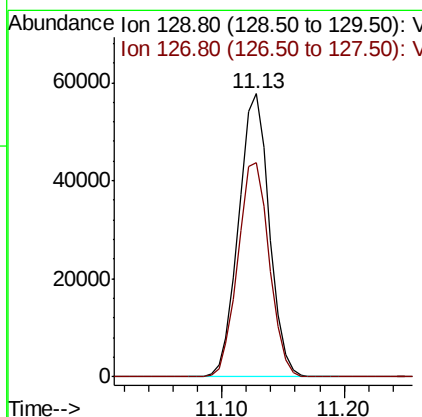
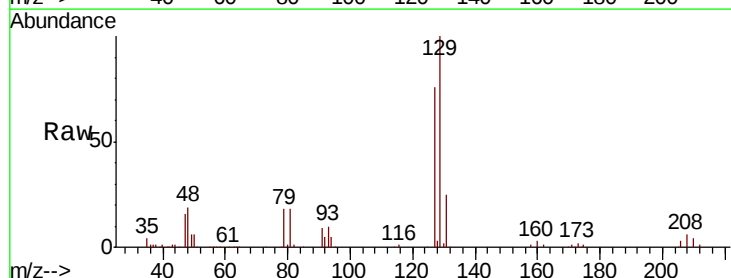
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

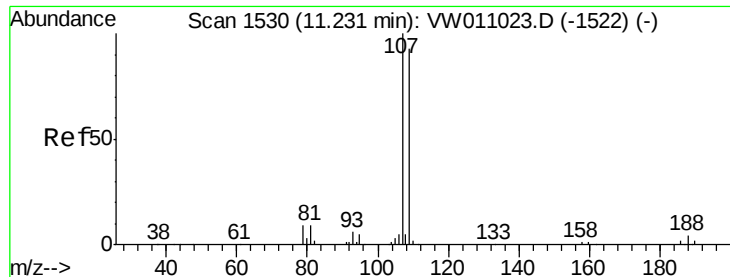
Tot Ion: 43 Resp: 384666
Ion Ratio Lower Upper
43 100
58 48.0 23.8 71.5



#60
Dibromochloromethane
Concen: 49.587 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 129 Resp: 100231
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1

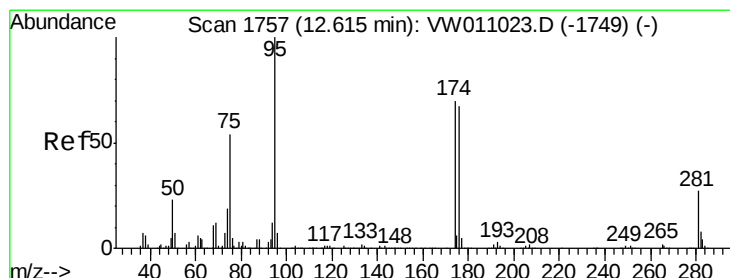
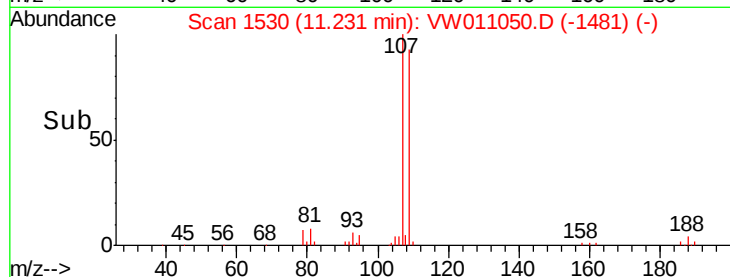
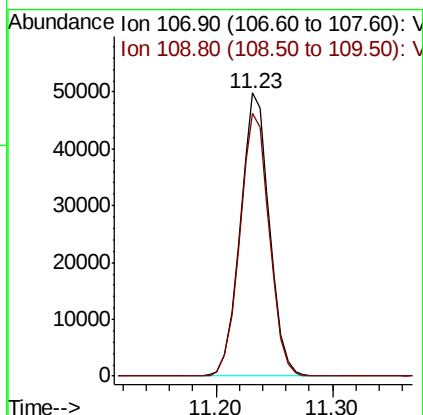
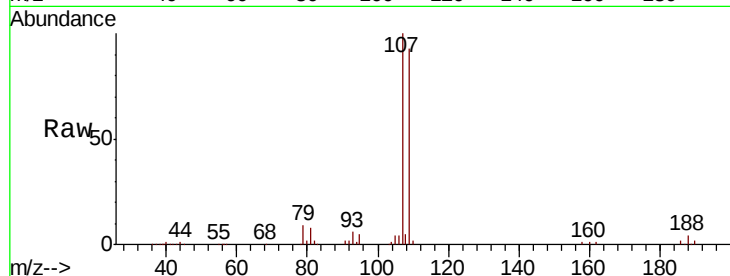




#61
 1,2-Dibromoethane
 Concen: 47.837 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

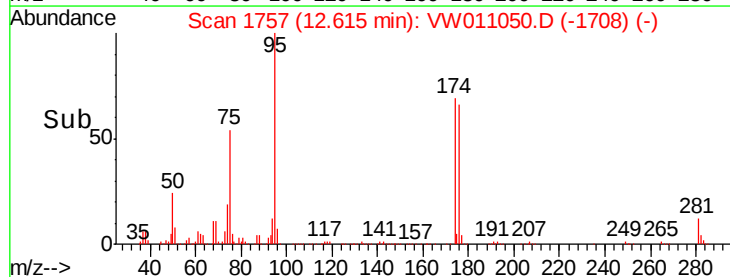
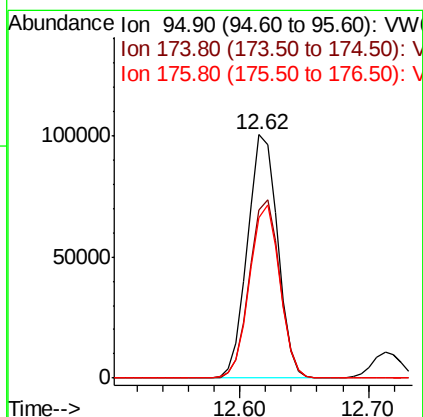
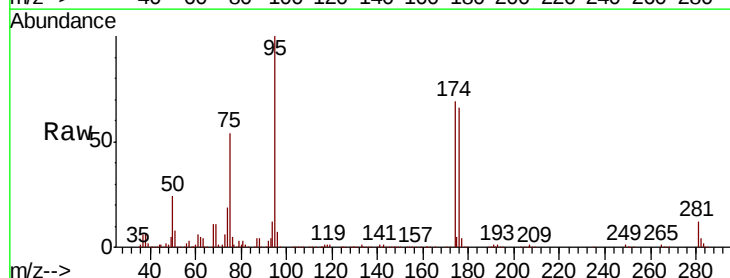
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

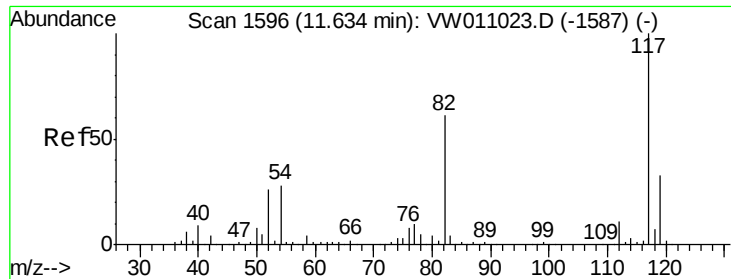
Tot Ion: 107 Resp: 86322
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.544 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 95 Resp: 162173
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 149.2
 176 71.2 0.0 143.6

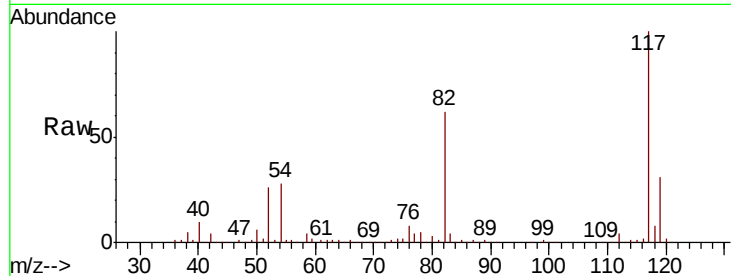




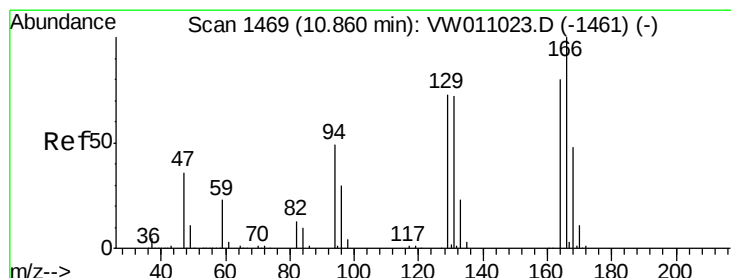
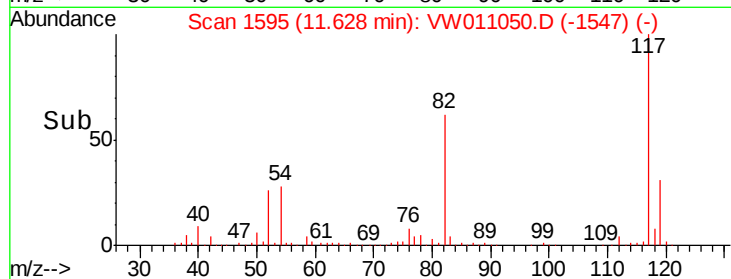
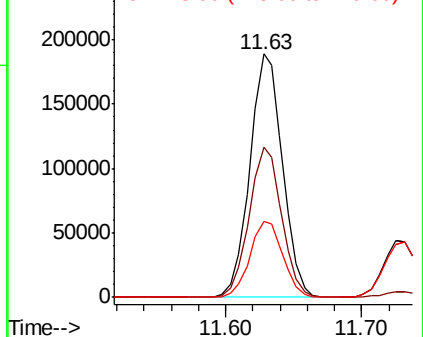
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 317185
Ion Ratio Lower Upper
117 100
82 61.6 48.6 73.0
119 31.3 26.1 39.1

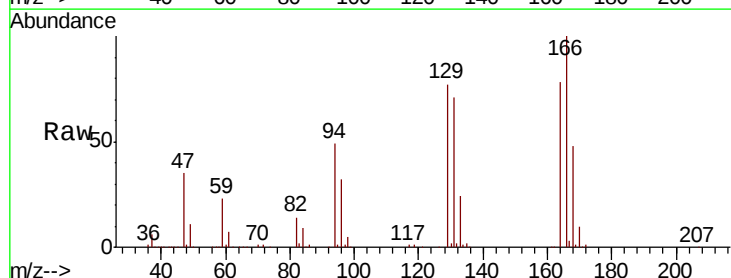


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

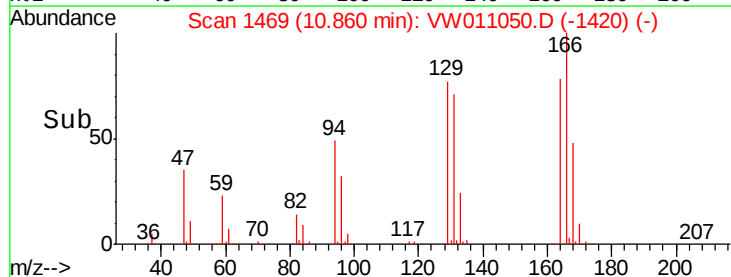
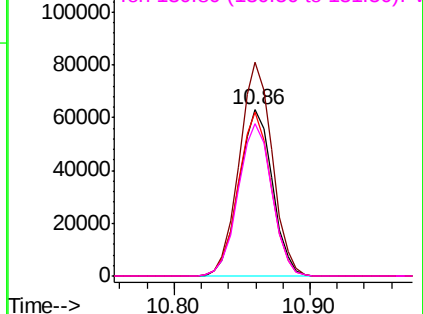


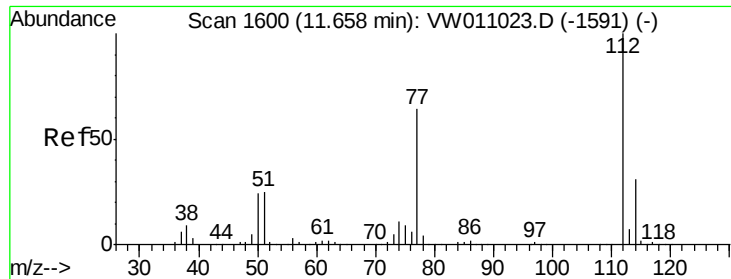
#64
Tetrachloroethene
Concen: 49.543 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion:164 Resp: 108143
Ion Ratio Lower Upper
164 100
166 128.4 99.8 149.6
129 98.6 73.0 109.4
131 91.3 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

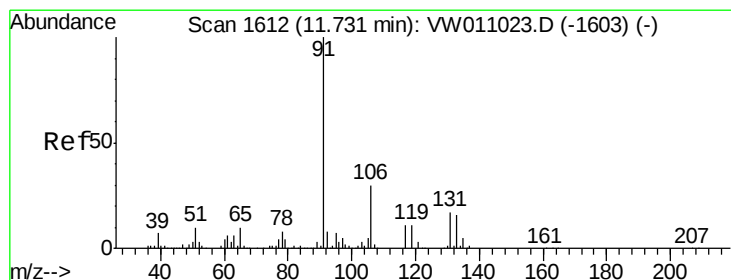
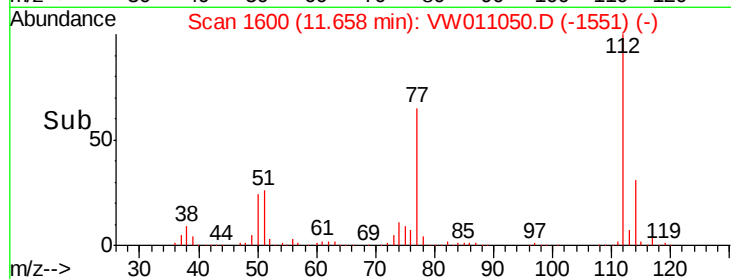
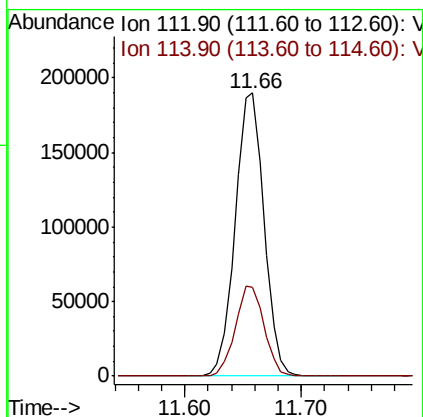
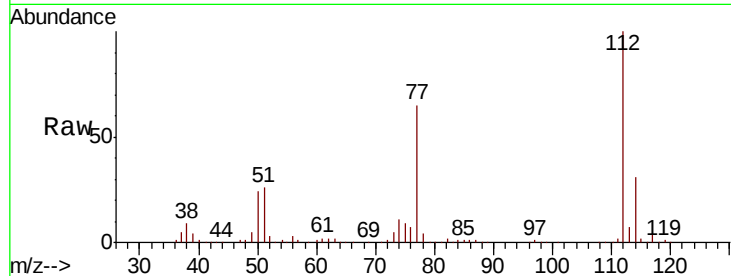




#65
Chlorobenzene
Concen: 50.468 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

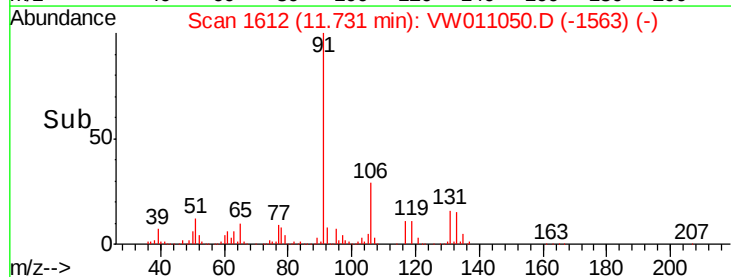
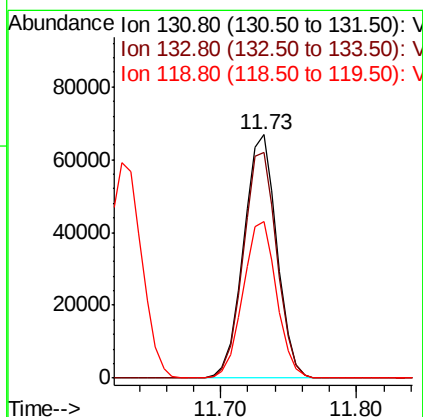
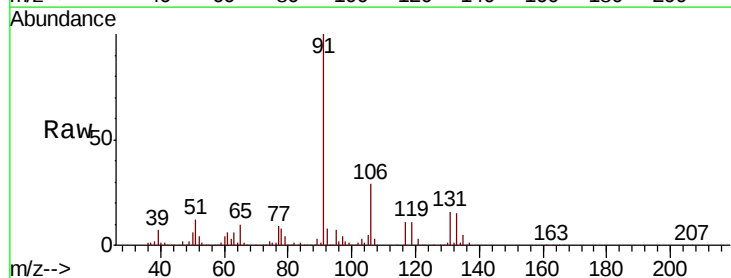
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

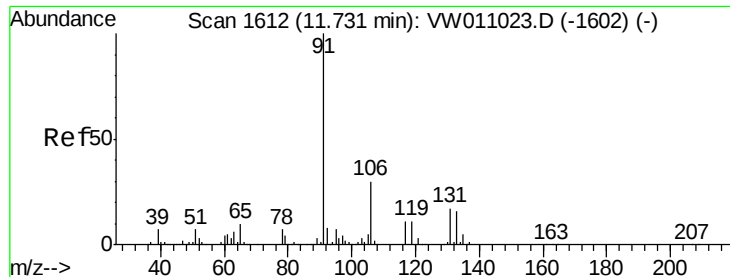
Tot Ion:112 Resp: 327674
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.737 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion:131 Resp: 114051
Ion Ratio Lower Upper
131 100
133 94.1 47.7 143.1
119 64.8 33.1 99.2

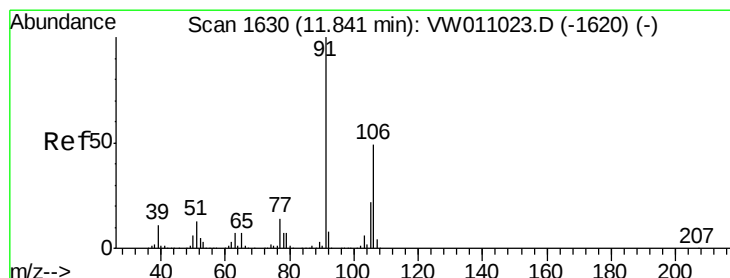
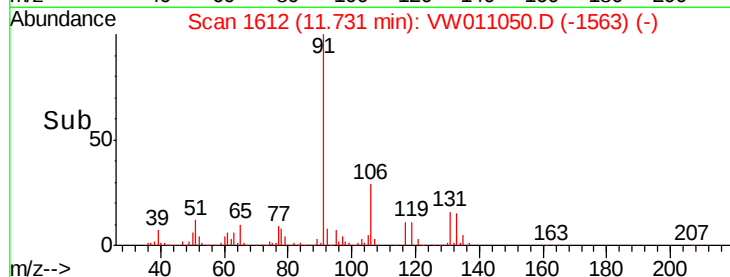
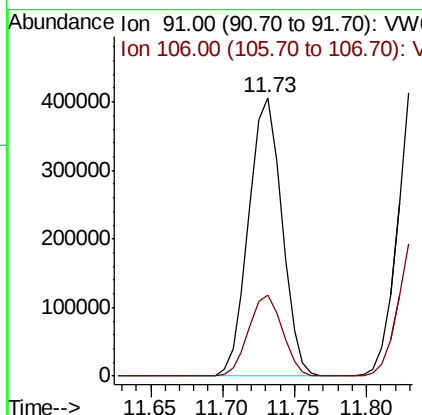
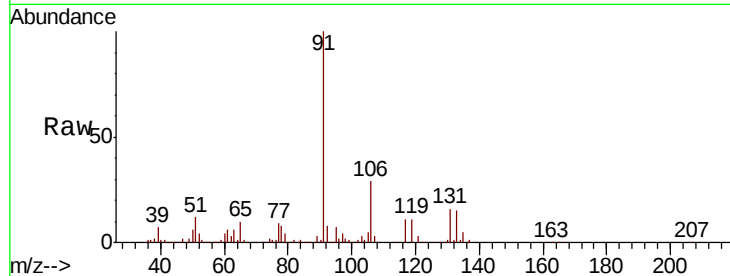




#67
Ethyl Benzene
Concen: 52.208 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

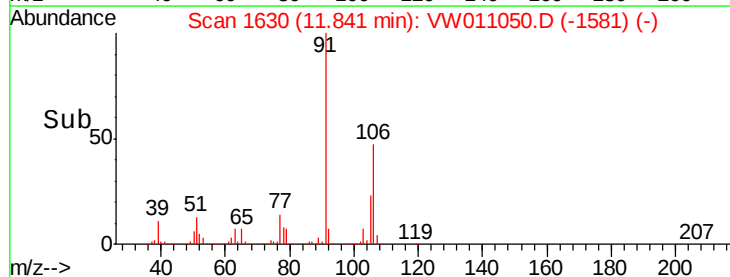
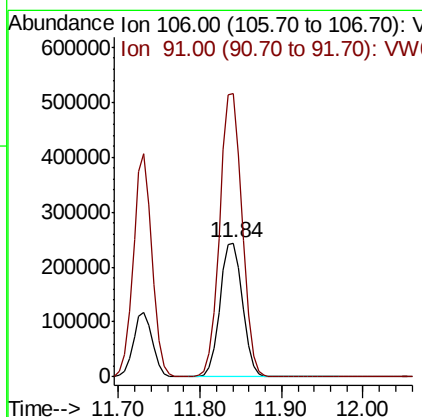
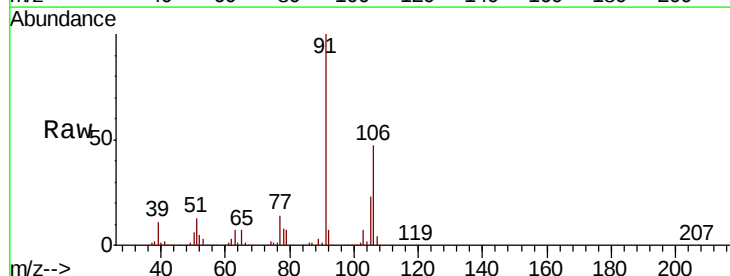
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

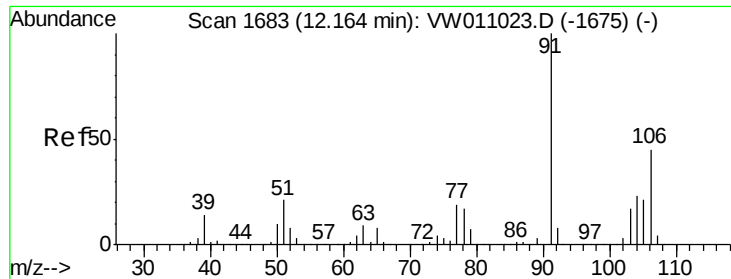
Tot Ion: 91 Resp: 649245
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.6



#68
m/p-Xylenes
Concen: 103.509 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion: 106 Resp: 467074
Ion Ratio Lower Upper
106 100
91 210.2 167.5 251.3

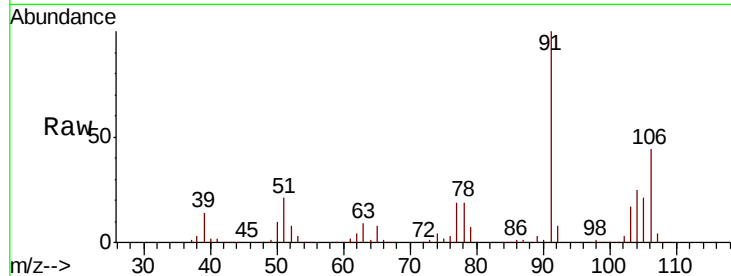




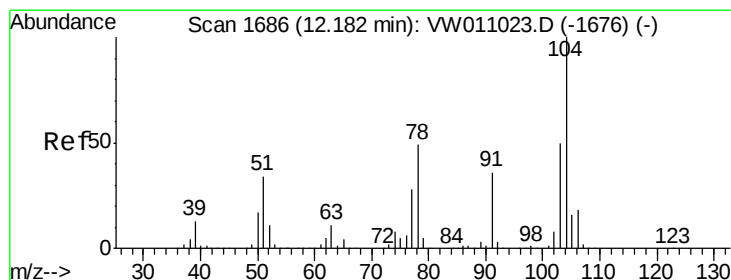
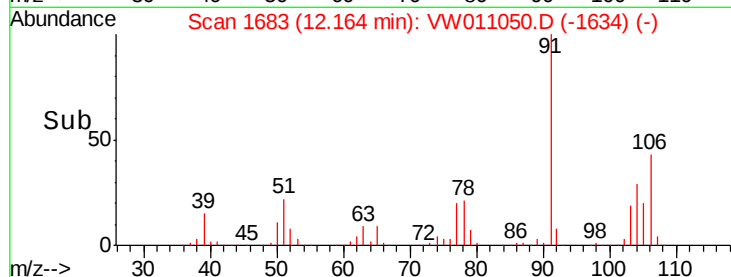
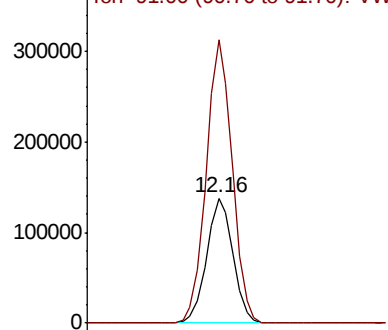
#69
o-Xylene
Concen: 51.334 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 215756
Ion Ratio Lower Upper
106 100
91 225.3 110.8 332.3

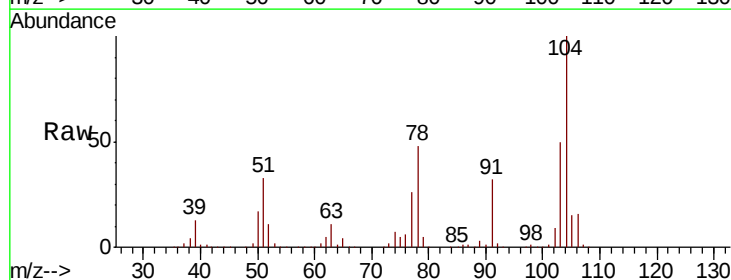


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

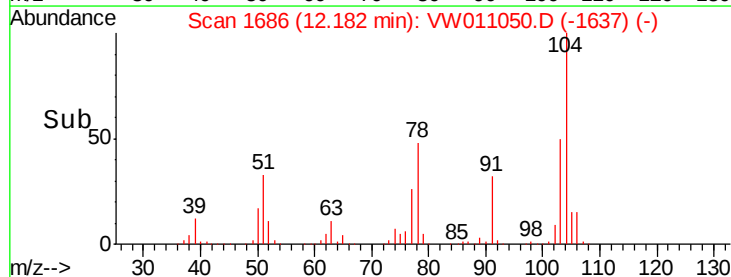
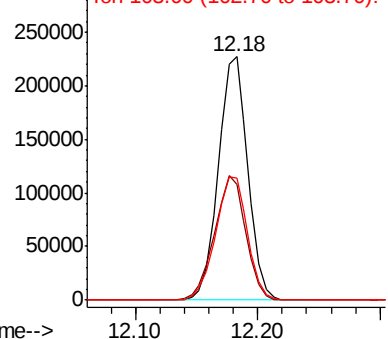


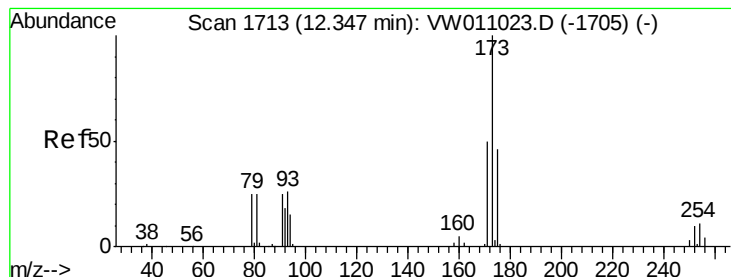
#70
Styrene
Concen: 51.828 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion:104 Resp: 378530
Ion Ratio Lower Upper
104 100
78 54.5 43.7 65.5
103 55.1 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.785 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

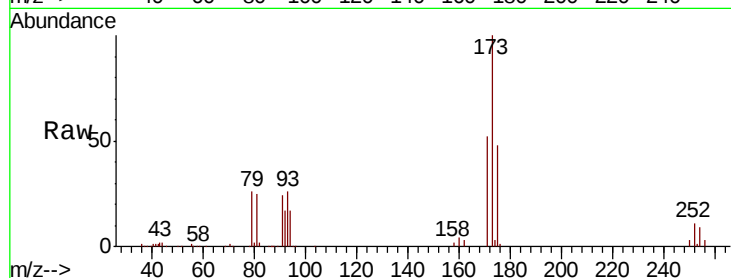
Tot Ion:173 Resp: 53502

Ion Ratio Lower Upper

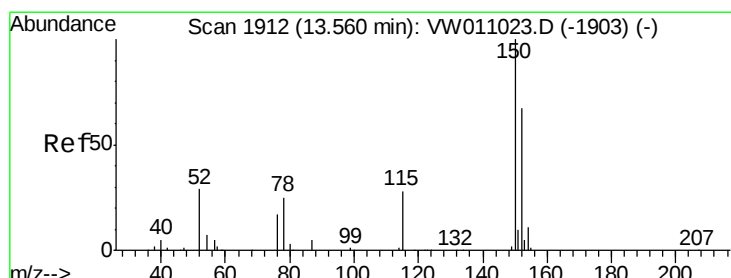
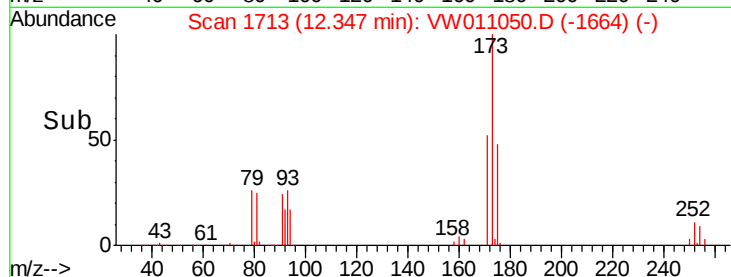
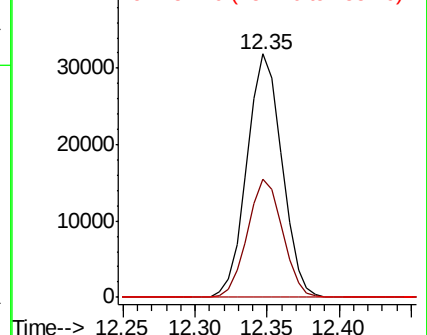
173 100

175 48.5 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: VW011050.D

Acq: 28 Jun 2019 09:56

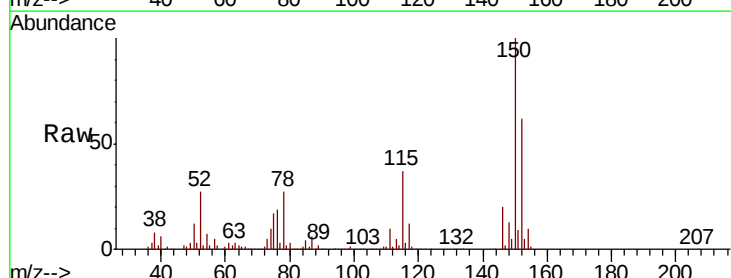
Tgt Ion:152 Resp: 154944

Ion Ratio Lower Upper

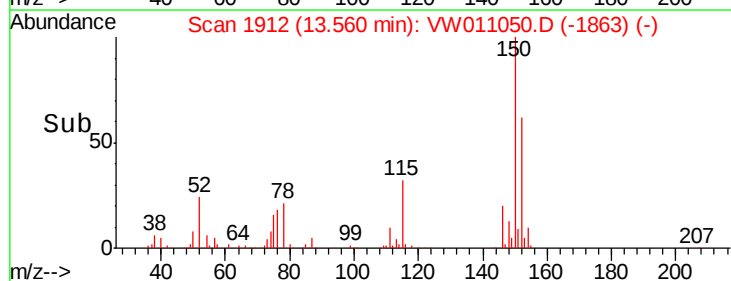
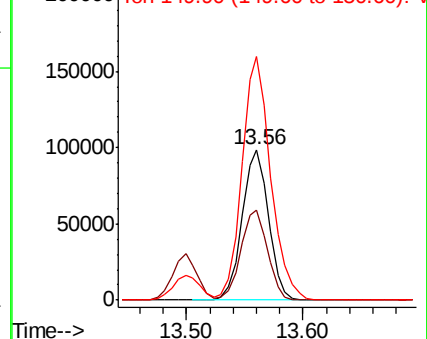
152 100

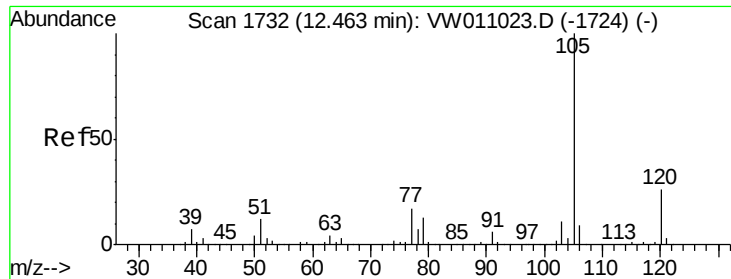
115 61.0 30.7 92.1

150 175.4 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: 53.335 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

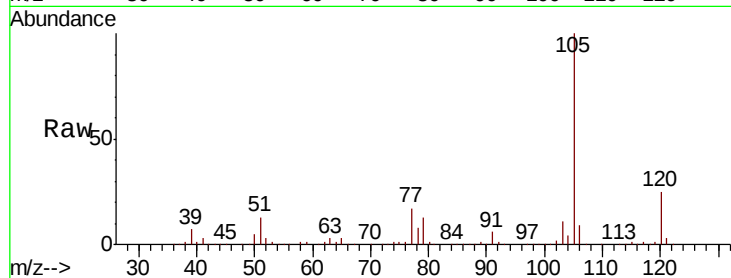
VSTDCCC050

Tot Ion:105 Resp: 619091

Ion Ratio Lower Upper

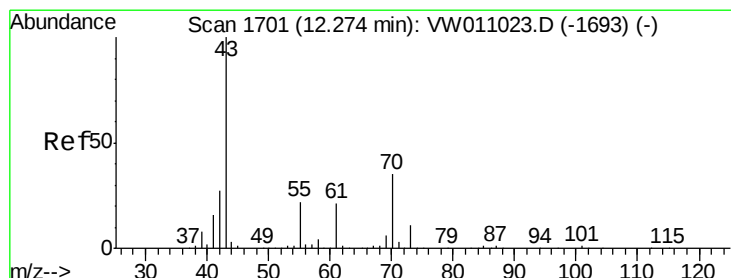
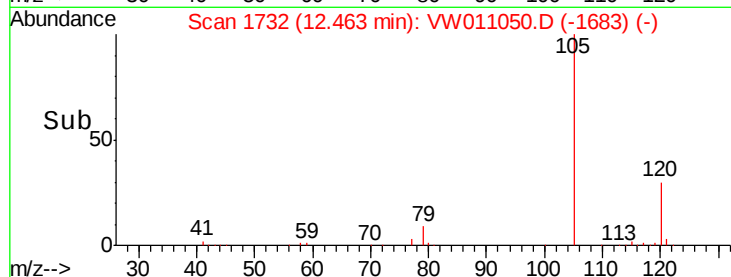
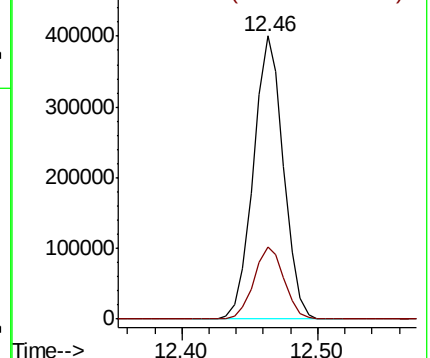
105 100

120 25.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.697 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Tgt Ion: 43 Resp: 193730

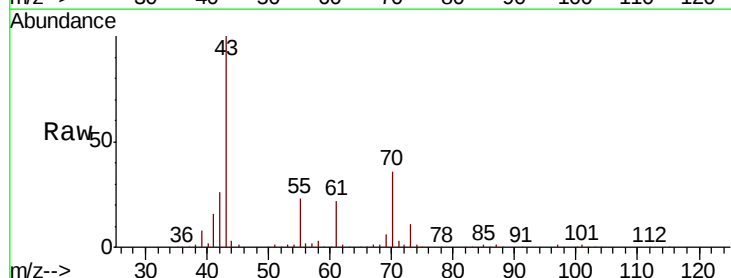
Ion Ratio Lower Upper

43 100

70 36.3 28.2 42.4

55 22.6 17.8 26.8

61 21.5 16.6 24.8

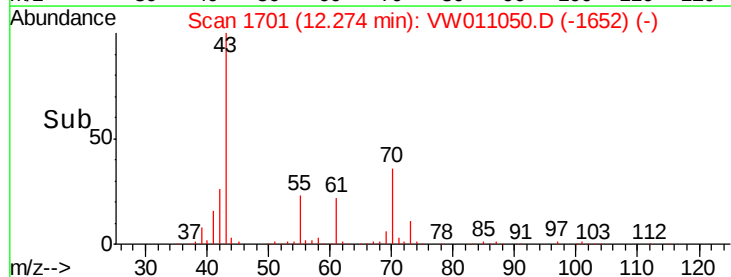
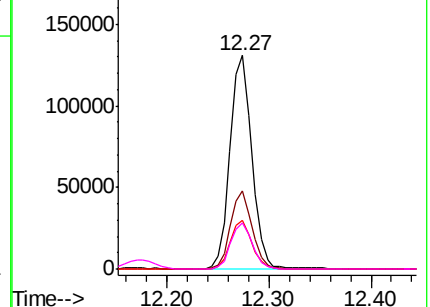


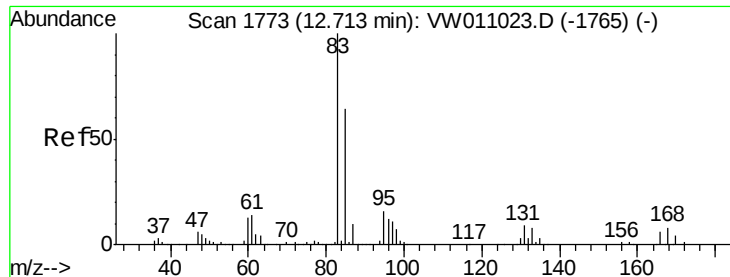
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 49.066 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

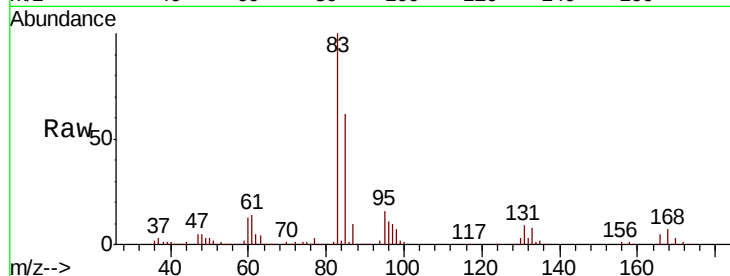
Tot Ion: 83 Resp: 111842

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

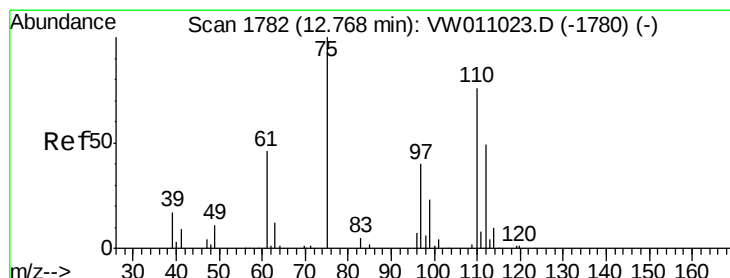
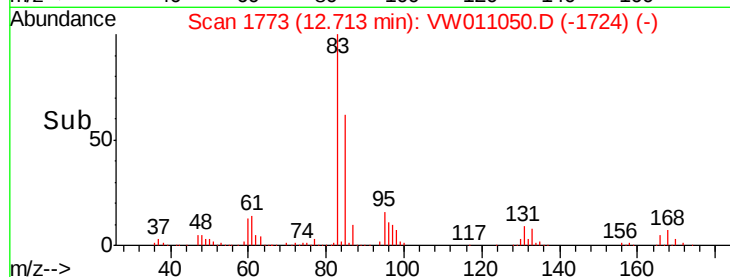
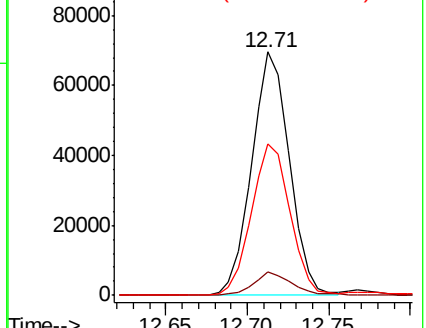
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 88.851 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011050.D

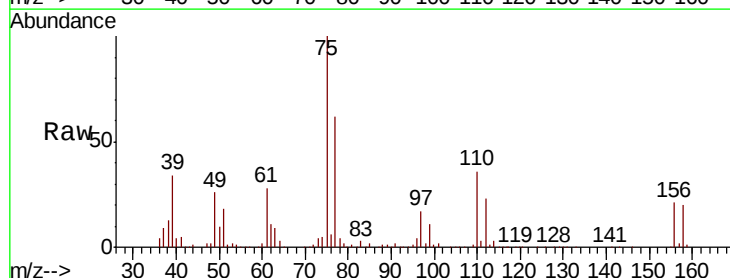
Acq: 28 Jun 2019 09:56

Tgt Ion: 75 Resp: 145343

Ion Ratio Lower Upper

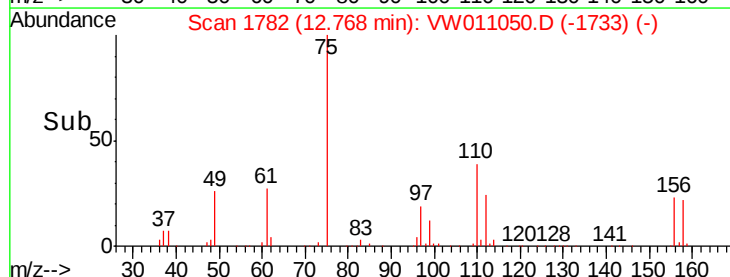
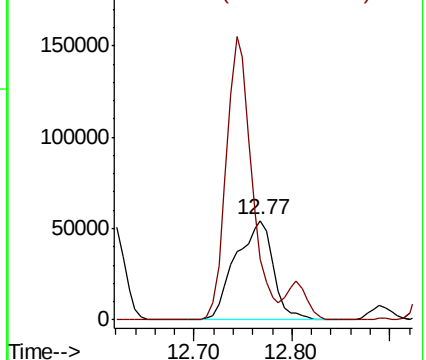
75 100

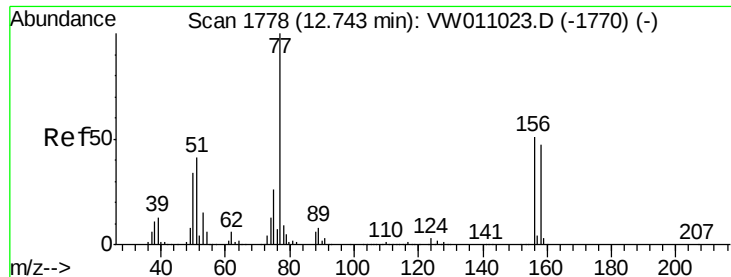
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.028 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

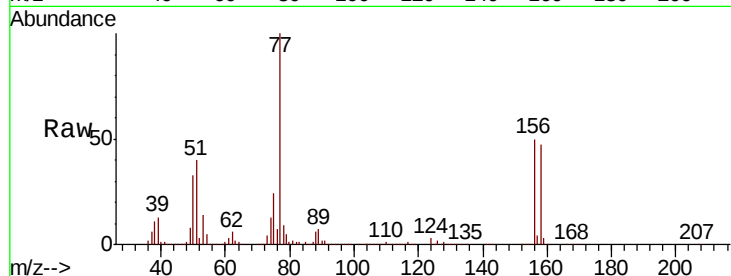
Tot Ion:156 Resp: 130192

Ion Ratio Lower Upper

156 100

77 216.7 109.5 328.5

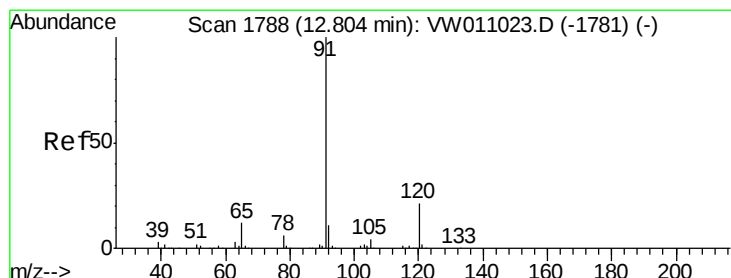
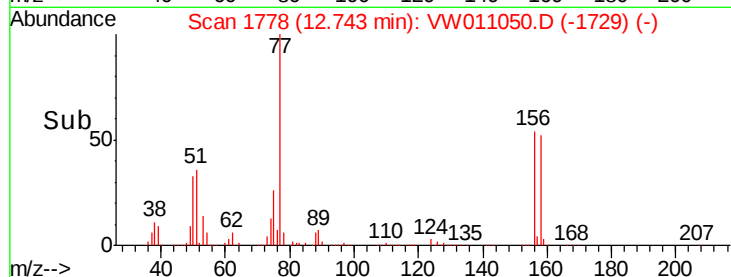
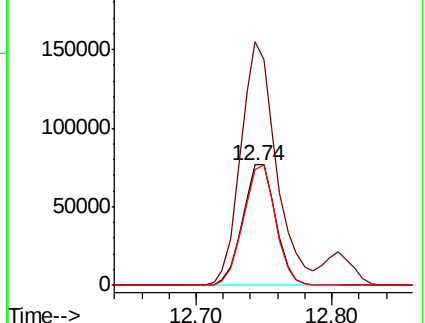
158 97.3 48.6 145.9



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: 53.381 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011050.D

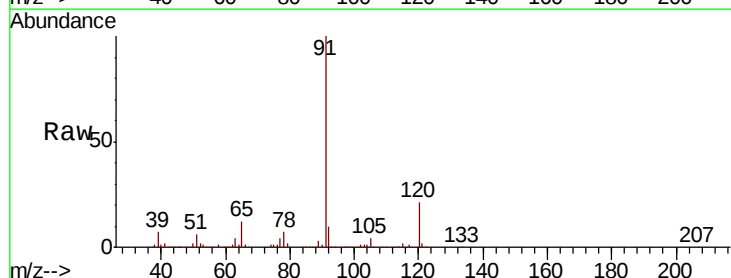
Acq: 28 Jun 2019 09:56

Tgt Ion: 91 Resp: 767315

Ion Ratio Lower Upper

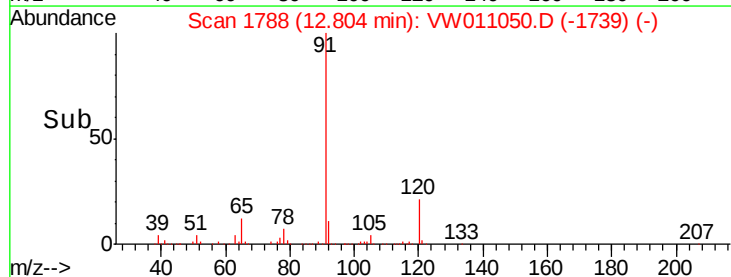
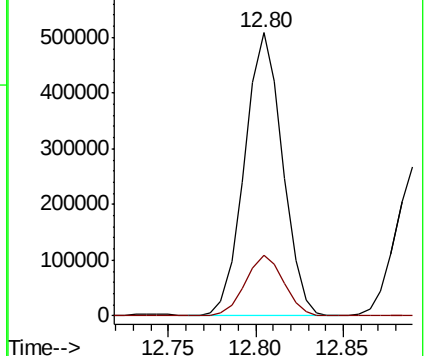
91 100

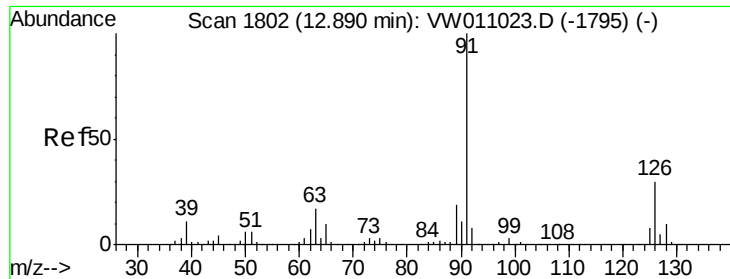
120 21.5 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

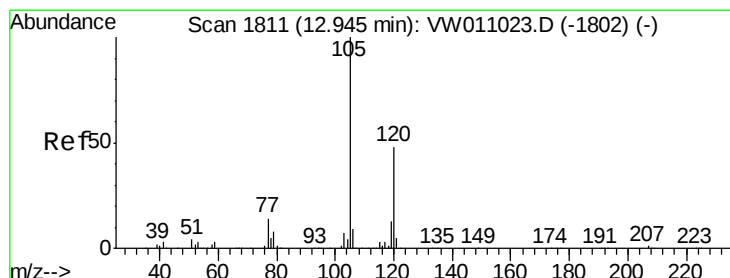
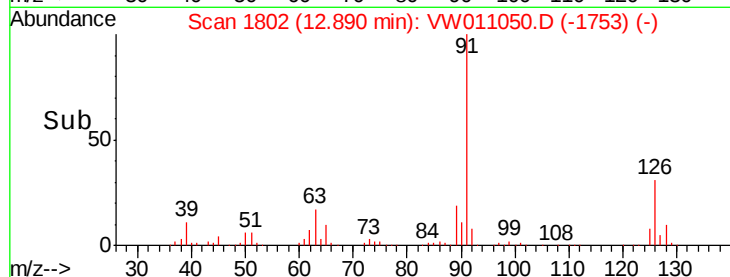
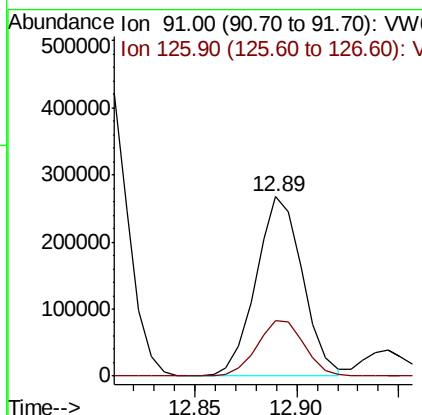
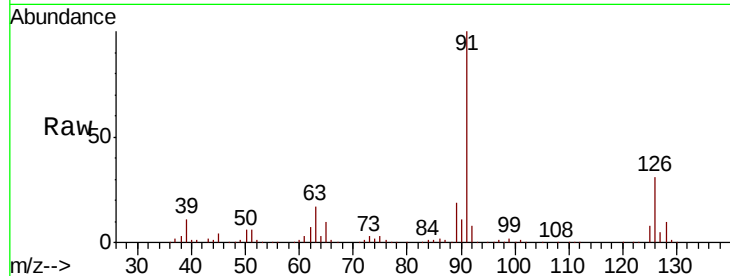




#79
 2-Chlorotoluene
 Concen: 51.672 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

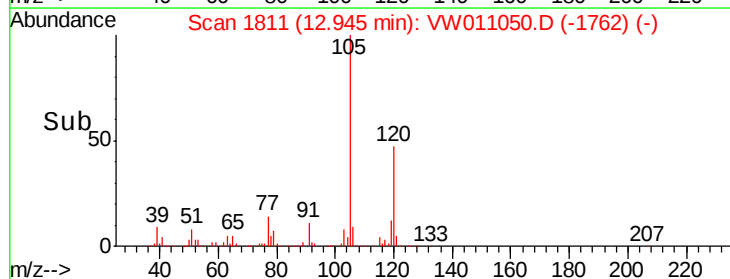
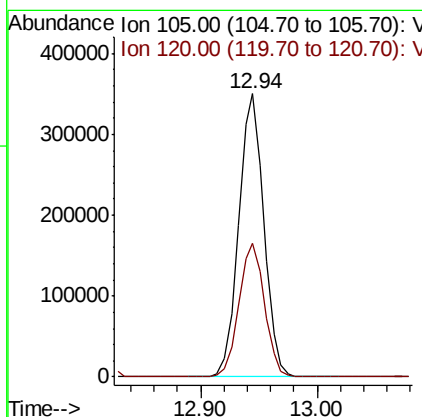
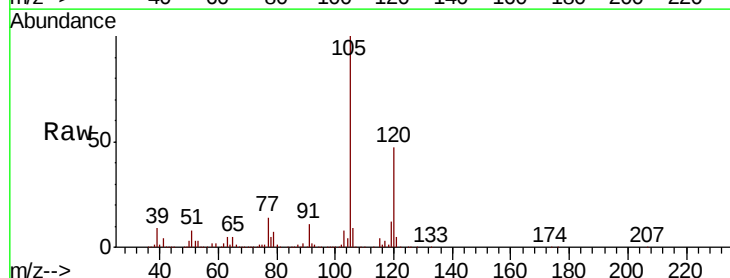
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

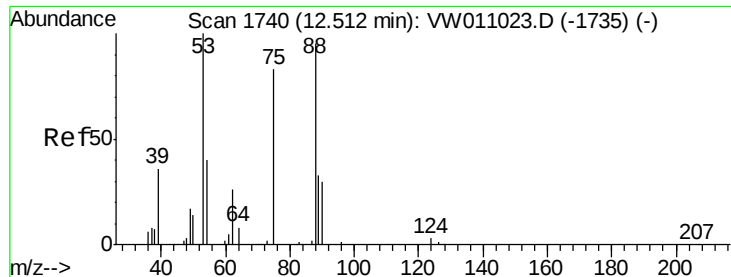
Tot Ion: 91 Resp: 424329
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.4 46.4



#80
 1,3,5-Trimethylbenzene
 Concen: 53.375 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion: 105 Resp: 525116
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 45.497 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

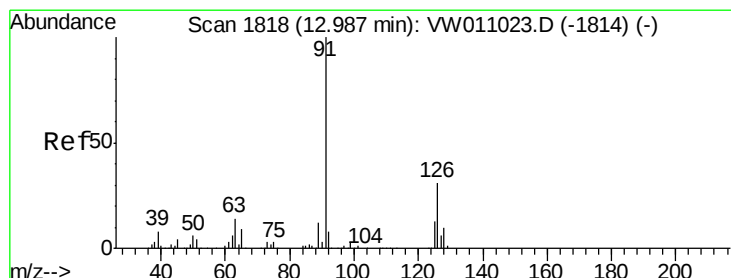
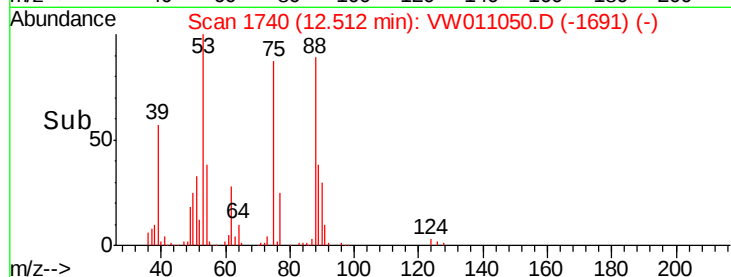
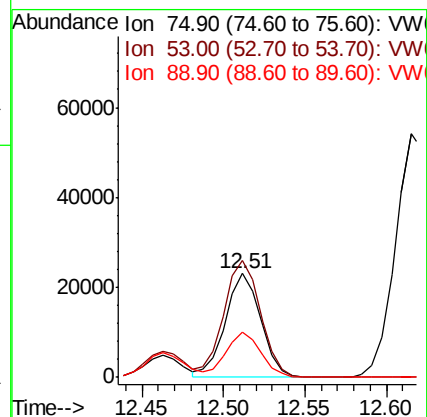
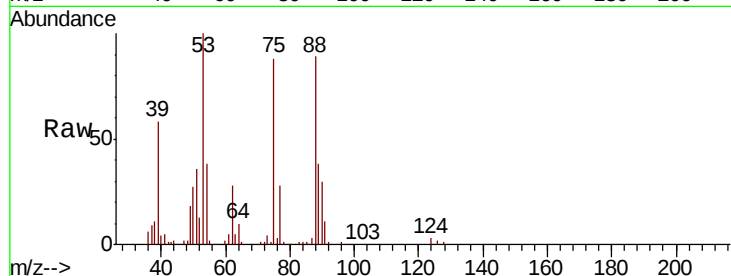
Tot Ion: 75 Resp: 34669

Ion Ratio Lower Upper

75 100

53 118.5 95.6 143.4

89 42.6 34.4 51.6



#82

4-Chlorotoluene

Concen: 52.426 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011050.D

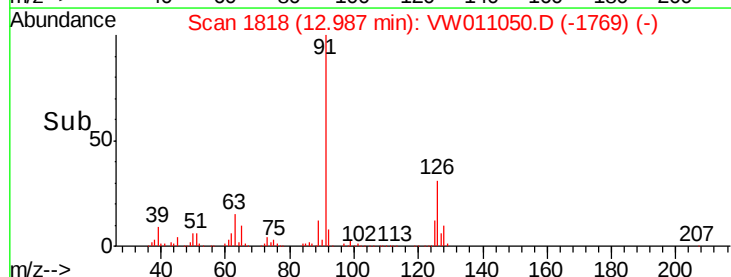
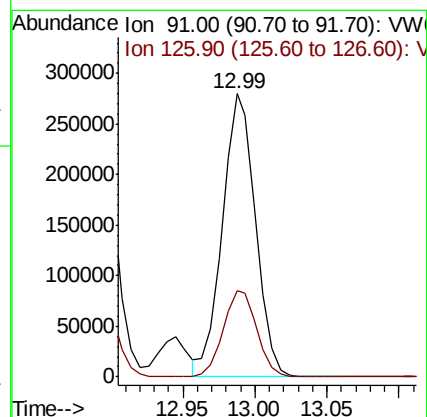
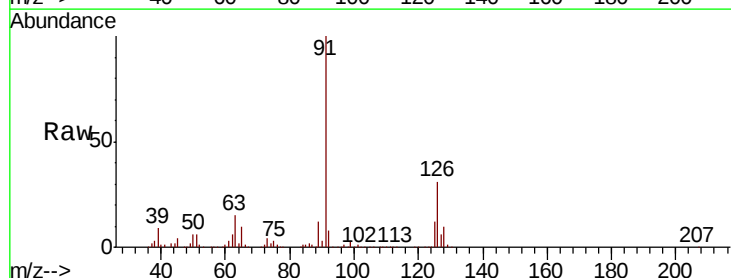
Acq: 28 Jun 2019 09:56

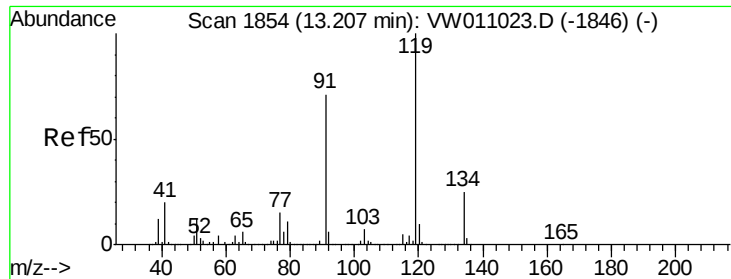
Tgt Ion: 91 Resp: 448651

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.1

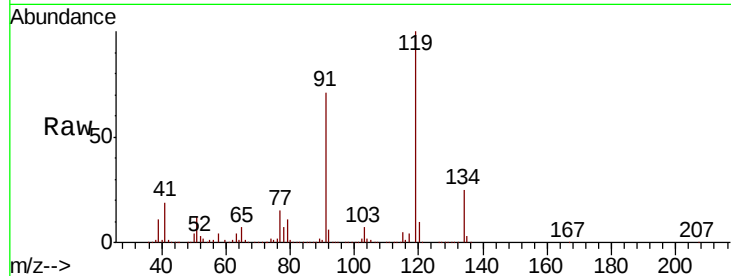




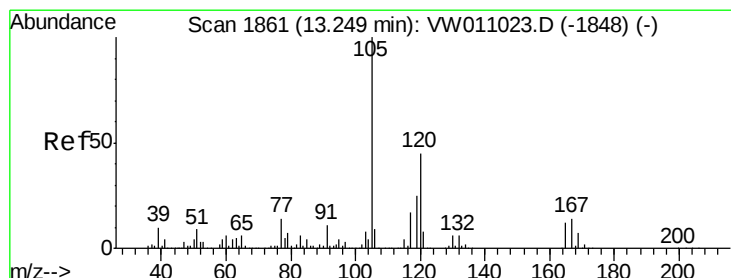
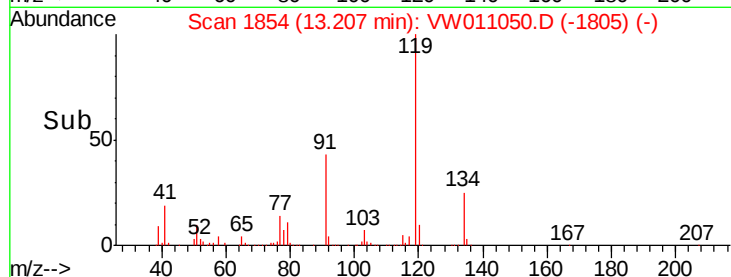
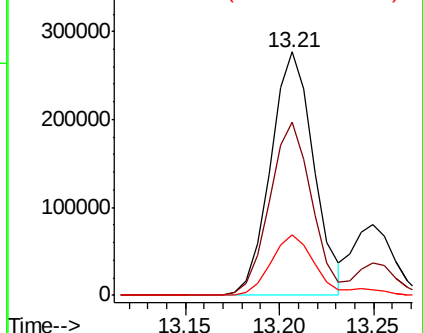
#83
tert-Butylbenzene
Concen: 53.476 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 438720
Ion Ratio Lower Upper
119 100
91 69.4 35.5 106.5
134 24.8 12.4 37.2

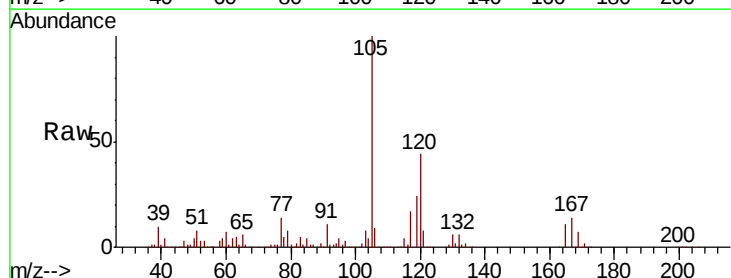


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

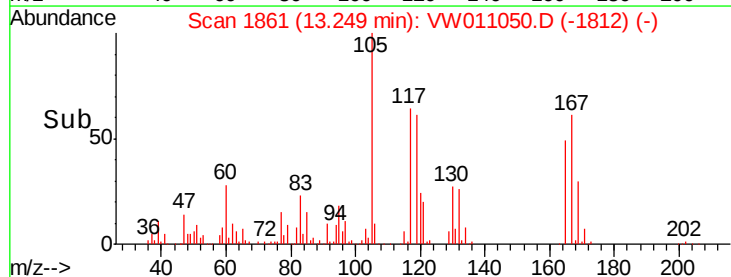
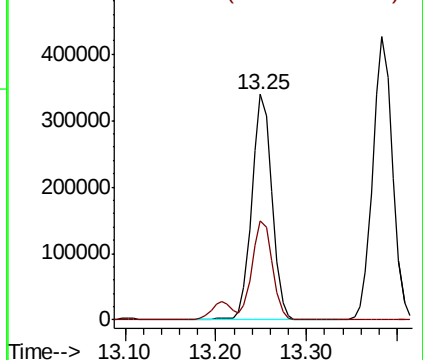


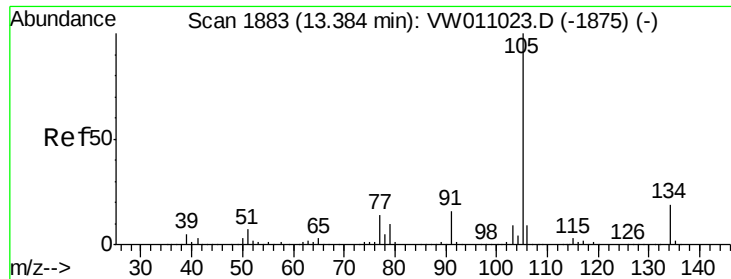
#84
1,2,4-Trimethylbenzene
Concen: 52.488 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion:105 Resp: 521954
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.2



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

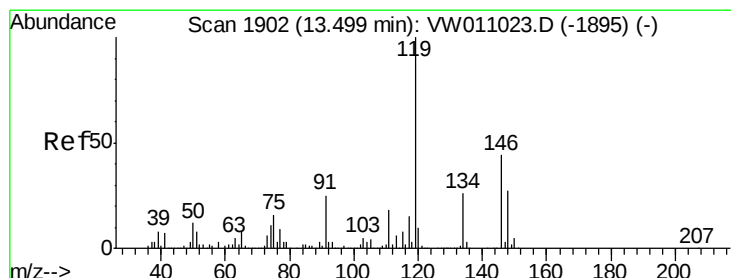
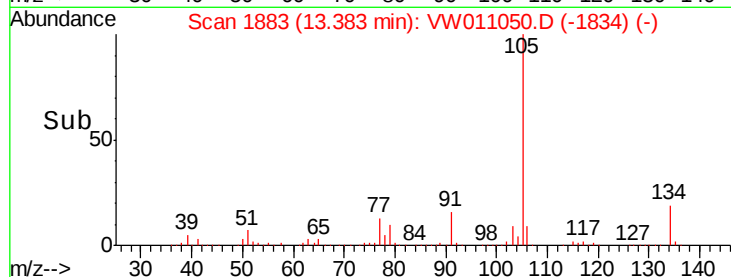
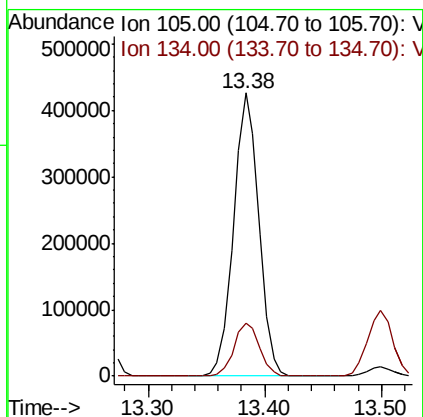
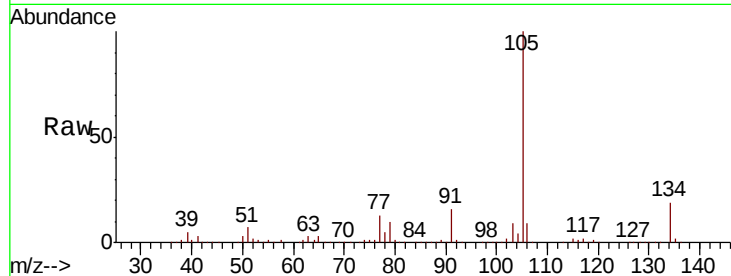




#85
 sec-Butylbenzene
 Concen: 53.824 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

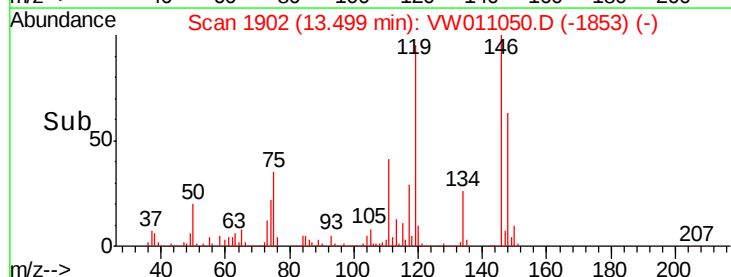
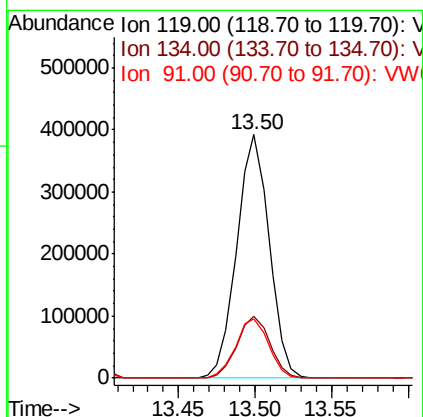
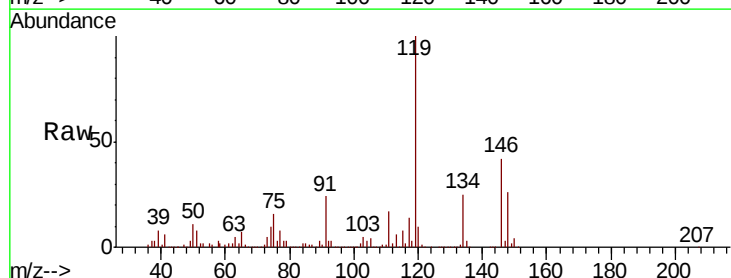
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

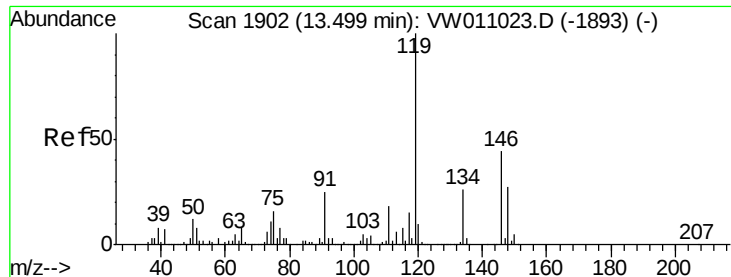
Tot Ion:105 Resp: 641478
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 53.536 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion:119 Resp: 574166
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.7 12.3 36.9

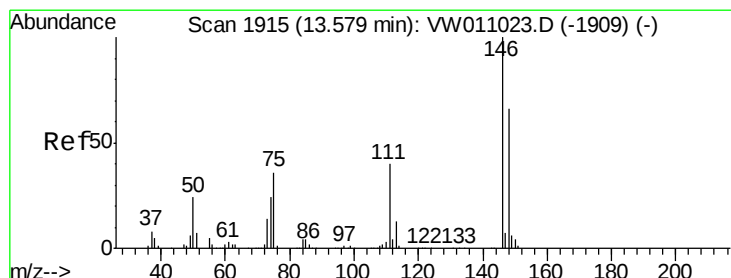
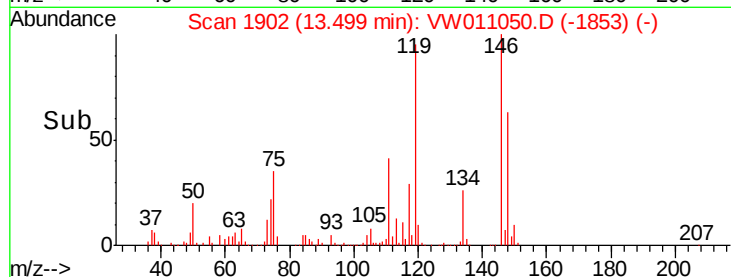
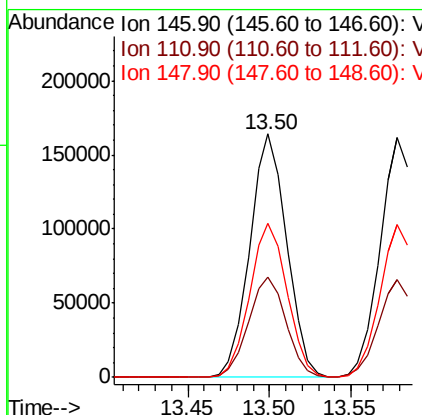
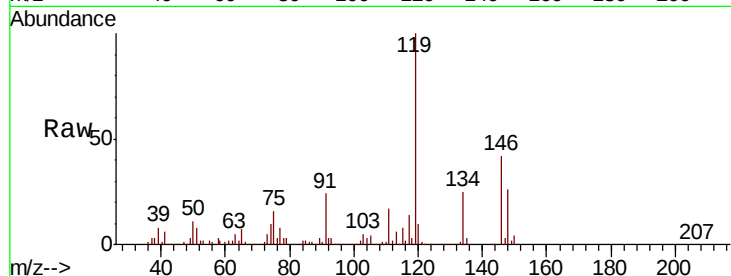




#87
 1,3-Dichlorobenzene
 Concen: 51.272 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

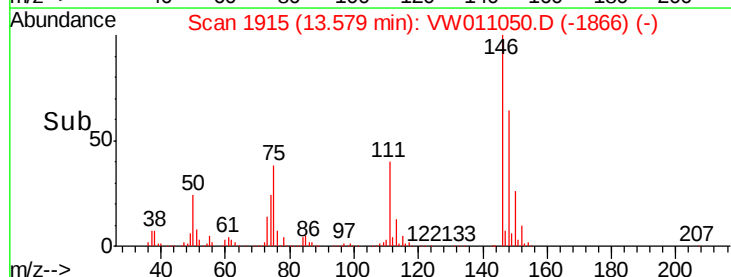
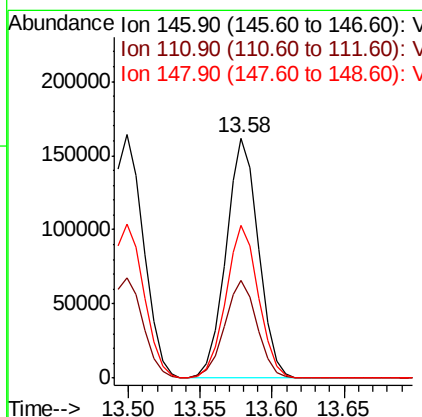
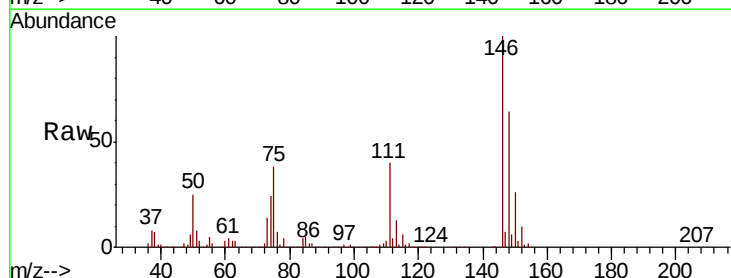
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

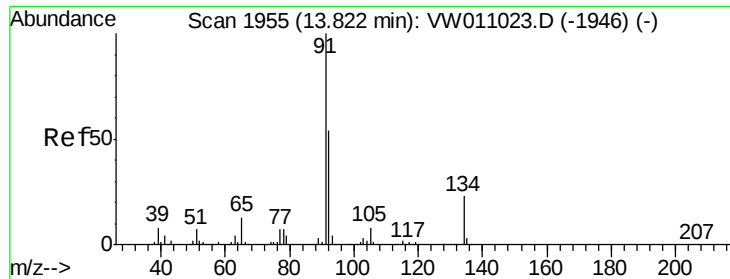
Tot Ion:146 Resp: 258763
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.8
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.521 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion:146 Resp: 254520
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 53.968 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011050.D

Acq: 28 Jun 2019 09:56

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050

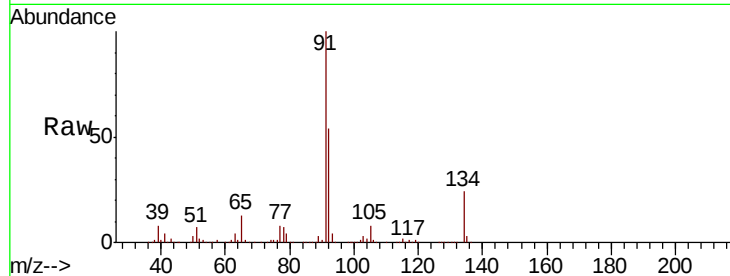
Tot Ion: 91 Resp: 588300

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

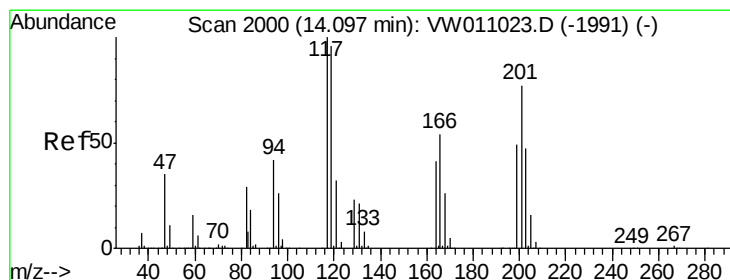
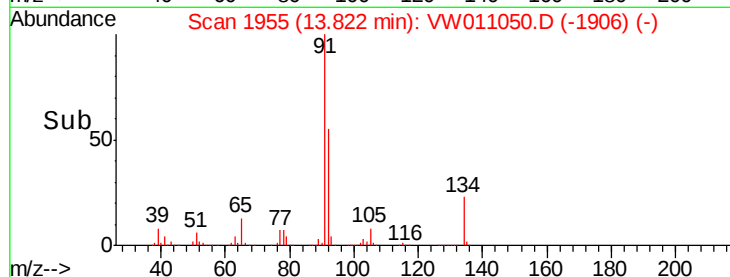
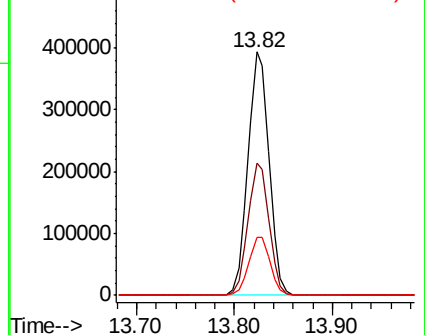
134 24.2 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.616 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW011050.D

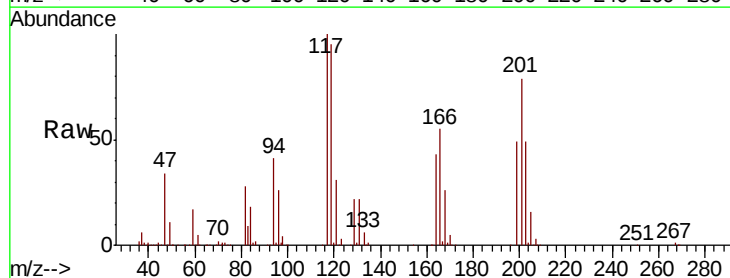
Acq: 28 Jun 2019 09:56

Tgt Ion: 117 Resp: 98387

Ion Ratio Lower Upper

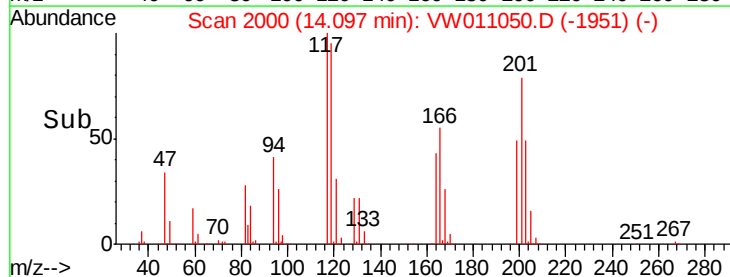
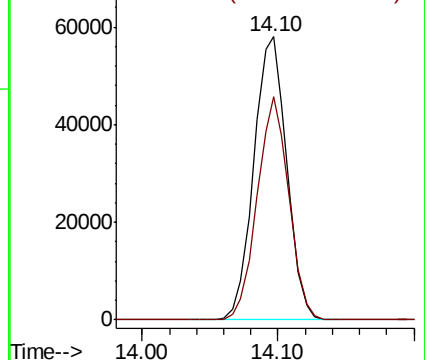
117 100

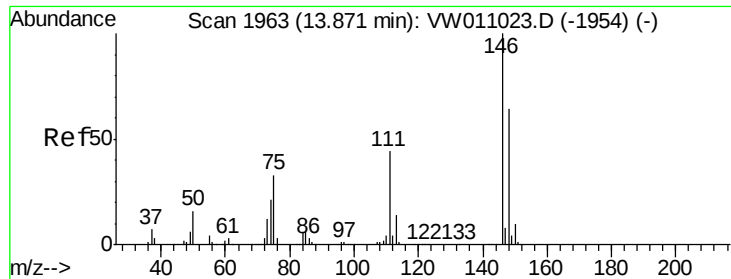
201 75.9 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

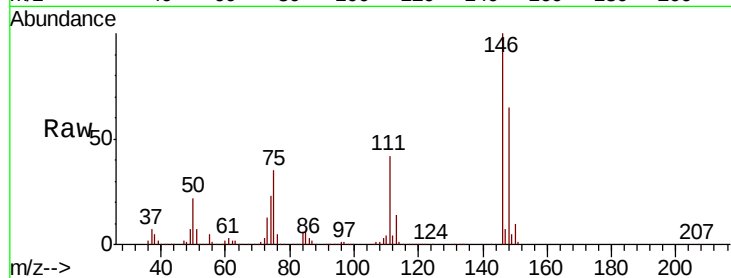




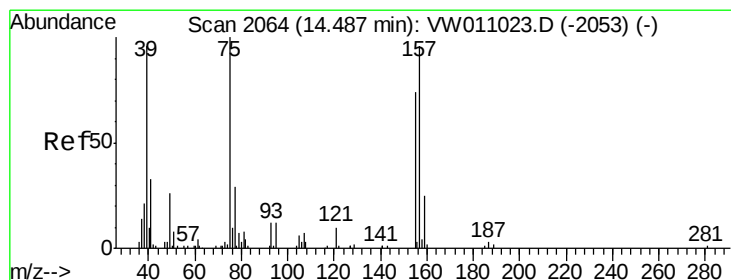
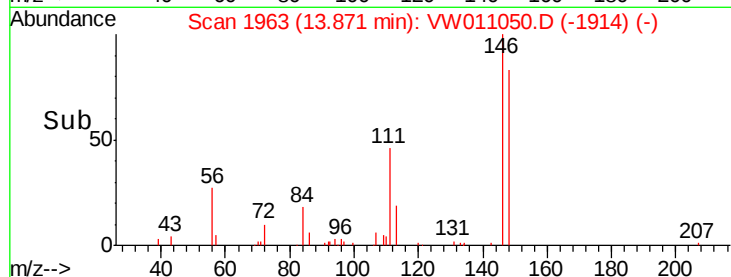
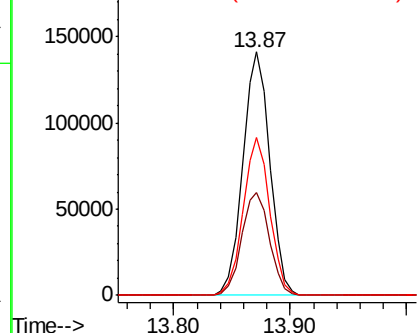
#91
 1,2-Dichlorobenzene
 Concen: 50.167 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.3
148	64.0	31.8	95.3

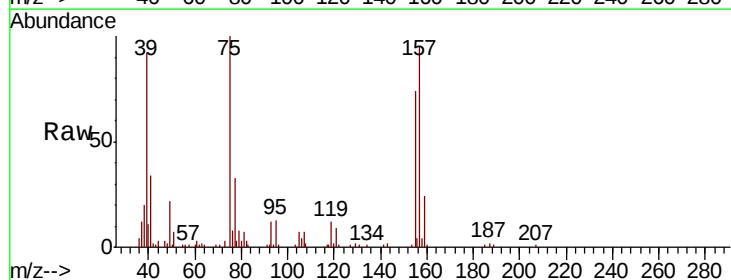


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

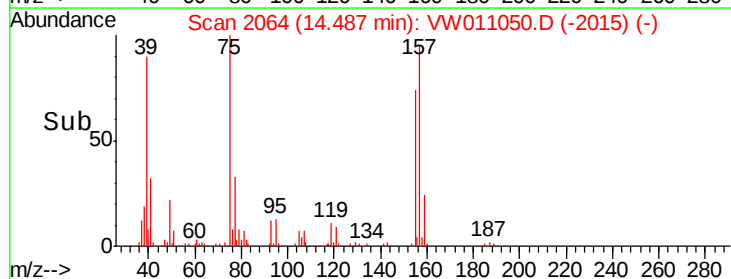
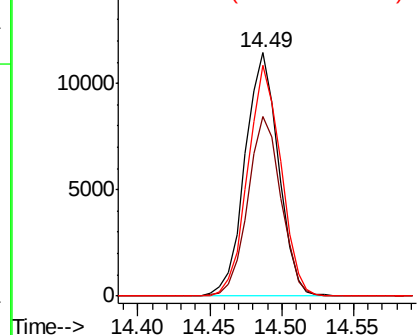


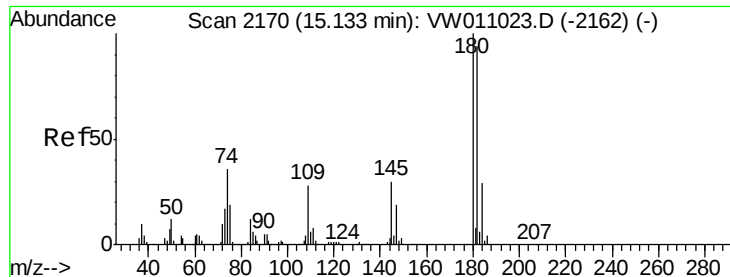
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.428 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	37.0	110.9
157	93.7	45.9	137.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

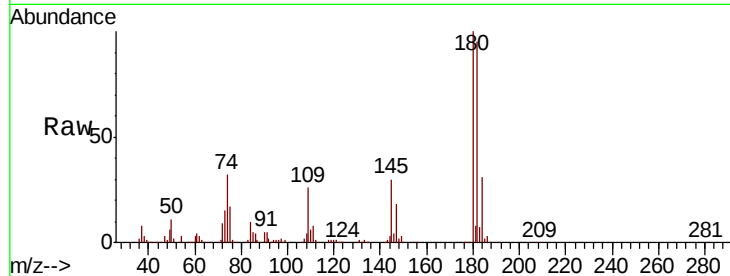




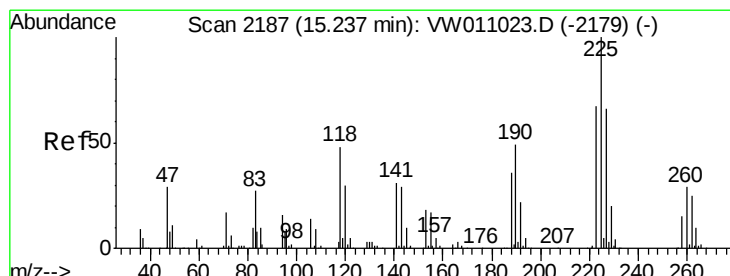
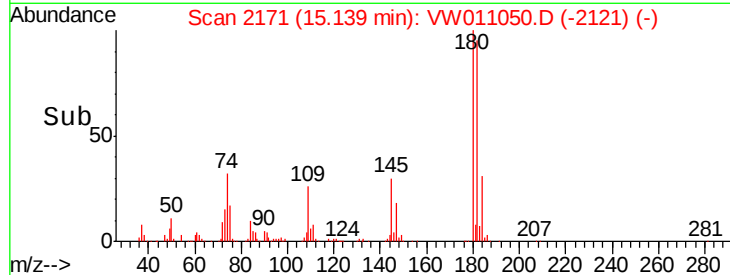
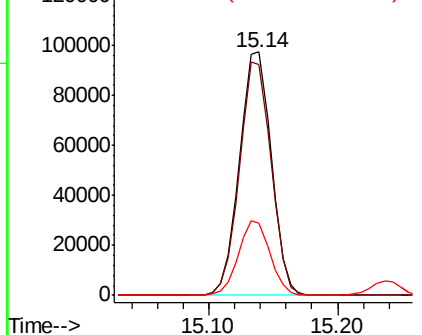
#93
 1,2,4-Trichlorobenzene
 Concen: 52.226 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 166558
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 30.3 15.3 45.8

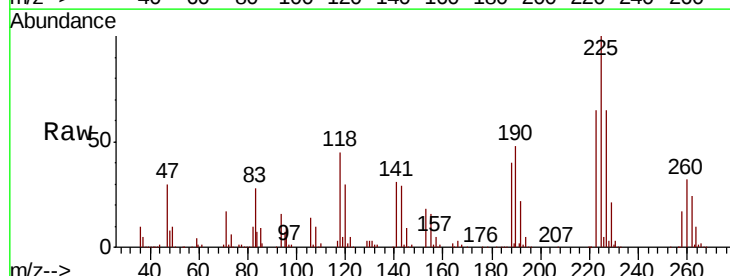


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

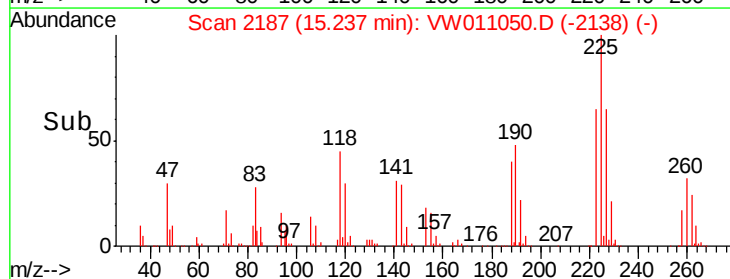
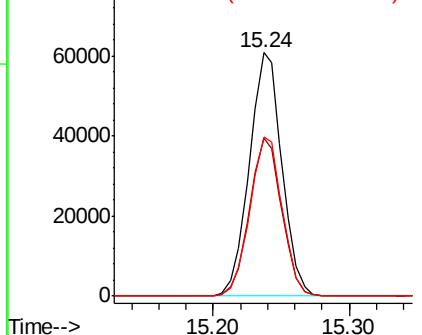


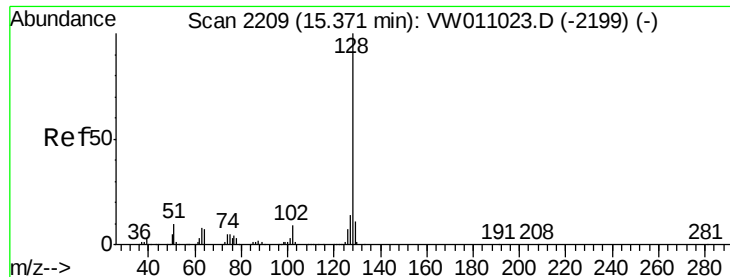
#94
 Hexachlorobutadiene
 Concen: 52.673 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011050.D
 Acq: 28 Jun 2019 09:56

Tgt Ion:225 Resp: 101886
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.9
 227 64.9 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

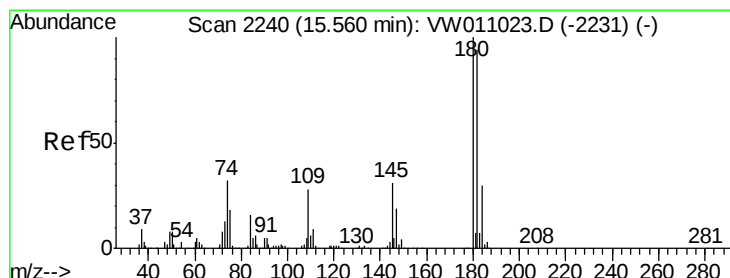
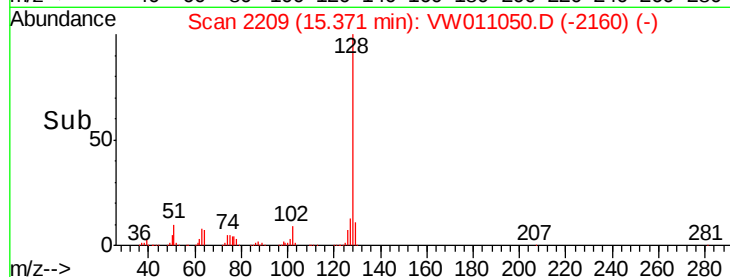
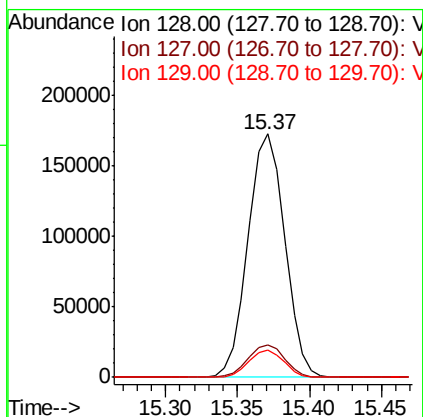
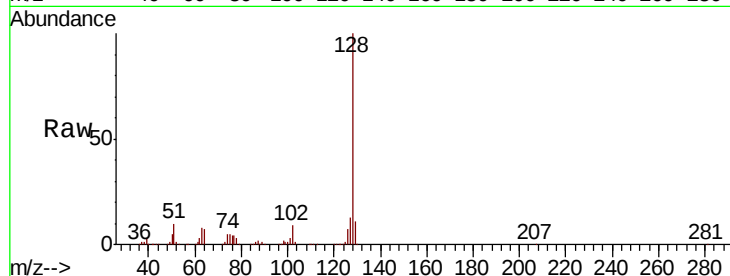




#95
Naphthalene
Concen: 51.031 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 305707
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.869 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011050.D
Acq: 28 Jun 2019 09:56

Tgt Ion:180 Resp: 144861
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.7
145 32.0 16.1 48.2

