

Data File : VW010734.D
Acq On : 07 Jun 2019 17:35
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 08 02:41:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	141850	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.88	113	111574	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.32	98	461272	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	172293	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	103095	46.857	ug/l	99
3) Chloromethane	2.21	50	155977	48.185	ug/l	98
4) Vinyl Chloride	2.35	62	142633	47.691	ug/l	98
5) Bromomethane	2.76	94	84375	51.374	ug/l	99
6) Chloroethane	2.91	64	88726	49.424	ug/l	97
7) Trichlorofluoromethane	3.25	101	193493	49.839	ug/l	99
8) Diethyl Ether	3.68	74	66931	48.241	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119564	50.092	ug/l	98
10) Methyl Iodide	4.27	142	106624	44.001	ug/l	98
11) Tert butyl alcohol	5.17	59	53220	232.784	ug/l	100
12) 1,1-Dichloroethene	4.03	96	113027	49.089	ug/l	98
13) Acrolein	3.90	56	14815	158.580	ug/l	97
14) Allyl chloride	4.67	41	258629	50.943	ug/l	98
15) Acrylonitrile	5.37	53	163162	242.070	ug/l	99
16) Acetone	4.12	43	184925	245.929	ug/l	99
17) Carbon Disulfide	4.38	76	356304	48.748	ug/l	99
18) Methyl Acetate	4.67	43	74855	46.246	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	320786	48.306	ug/l	98
20) Methylene Chloride	4.92	84	130816	49.591	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	128939	49.330	ug/l	95
22) Diisopropyl ether	6.31	45	519450	51.107	ug/l	99
23) Vinyl Acetate	6.26	43	1539262	250.942	ug/l	100
24) 1,1-Dichloroethane	6.21	63	260323	51.108	ug/l	98
25) 2-Butanone	7.17	43	250516	240.263	ug/l	99
26) 2,2-Dichloropropane	7.17	77	218187	52.641	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143554	49.905	ug/l	97
28) Bromochloromethane	7.51	49	115366	50.751	ug/l	97
29) Tetrahydrofuran	7.53	42	152916	233.162	ug/l	99
30) Chloroform	7.68	83	235549	50.558	ug/l	99
31) Cyclohexane	7.95	56	271632	47.973	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	209420	51.457	ug/l	100
36) 1,1-Dichloropropene	8.09	75	199624	50.216	ug/l	100
37) Ethyl Acetate	7.26	43	104663	47.512	ug/l	99
38) Carbon Tetrachloride	8.07	117	173515	50.563	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	252377	49.941	ug/l	100
40) Benzene	8.32	78	544938	50.249	ug/l	99
41) Methacrylonitrile	7.48	41	68756	52.510	ug/l	94
42) 1,2-Dichloroethane	8.40	62	173030	50.271	ug/l	99
43) Isopropyl Acetate	8.43	43	204671	48.092	ug/l	100
44) Trichloroethene	9.09	130	132850	49.661	ug/l	99
45) 1,2-Dichloropropane	9.37	63	145582	50.712	ug/l	99
46) Dibromomethane	9.46	93	66269	49.699	ug/l	99
47) Bromodichloromethane	9.65	83	175909	50.894	ug/l	98
48) Methyl methacrylate	9.44	41	100573	49.014	ug/l	99
49) 1,4-Dioxane	9.44	88	19728	946.322	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	523269	240.675	ug/l	99
52) Toluene	10.39	92	333743	50.017	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	183612	50.154	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219327	50.912	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94334	49.110	ug/l	97
56) Ethyl methacrylate	10.65	69	144971	49.047	ug/l	97
57) 1,3-Dichloropropane	10.93	76	178633	49.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	393354	254.079	ug/l	99
59) 2-Hexanone	10.97	43	381464	242.766	ug/l	98
60) Dibromochloromethane	11.13	129	107160	50.325	ug/l	100
61) 1,2-Dibromoethane	11.24	107	88145	48.432	ug/l	99
64) Tetrachloroethene	10.87	164	111126	48.439	ug/l	99
65) Chlorobenzene	11.66	112	338824	49.866	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	118609	50.427	ug/l	99
67) Ethyl Benzene	11.73	91	659018	50.467	ug/l	100
68) m/p-Xylenes	11.84	106	476288	101.890	ug/l	99
69) o-Xylene	12.17	106	223313	50.370	ug/l	97
70) Styrene	12.18	104	391115	50.784	ug/l	99
71) Bromoform	12.35	173	58912	48.429	ug/l #	100
73) Isopropylbenzene	12.46	105	630471	49.858	ug/l	100
74) N-amyl acetate	12.27	43	198876	48.663	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	113008	46.943	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	152232	86.146	ug/l #	100
77) Bromobenzene	12.75	156	136784	49.554	ug/l	100
78) n-propylbenzene	12.80	91	771296	50.584	ug/l	100
79) 2-Chlorotoluene	12.90	91	434712	49.902	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	531373	51.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35943	46.747	ug/l	98
82) 4-Chlorotoluene	12.99	91	453008	50.391	ug/l	99
83) tert-Butylbenzene	13.21	119	446759	50.859	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	530342	50.918	ug/l	100
85) sec-Butylbenzene	13.38	105	648053	50.670	ug/l	99
86) p-Isopropyltoluene	13.50	119	585920	51.229	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267097	50.177	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	262896	49.817	ug/l	99
89) n-Butylbenzene	13.83	91	599364	52.523	ug/l	100
90) Hexachloroethane	14.10	117	104103	50.826	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	237093	49.528	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19758	47.795	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060719\
Quantitation Report (Not Reviewed)

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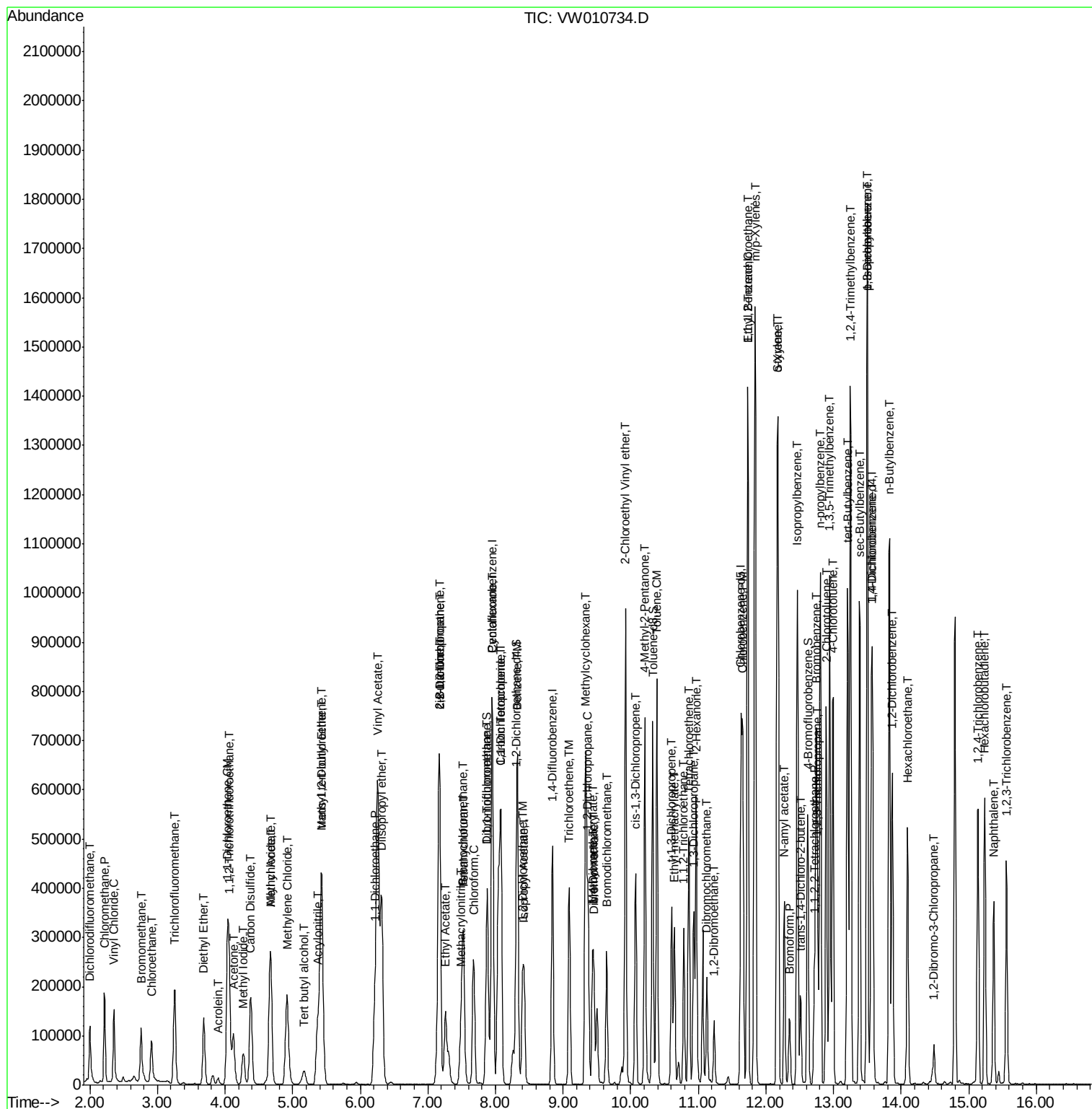
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	174318	51.891	ug/l	100
94) Hexachlorobutadiene	15.24	225	109424	51.901	ug/l	99
95) Naphthalene	15.37	128	304019	49.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148039	51.818	ug/l	99

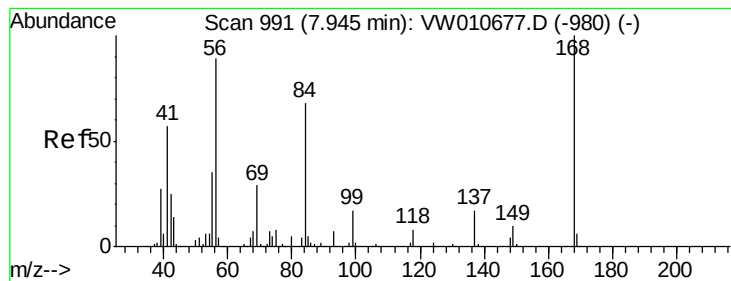
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

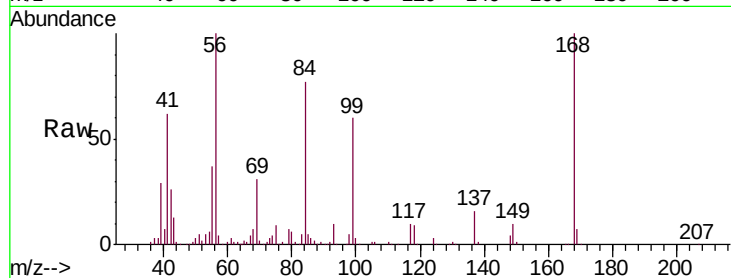
VSTDCCC050EC

Tgt Ion:168 Resp: 238091

Ion Ratio Lower Upper

168 100

99 60.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

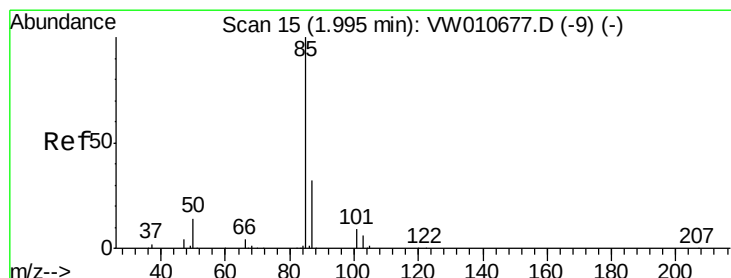
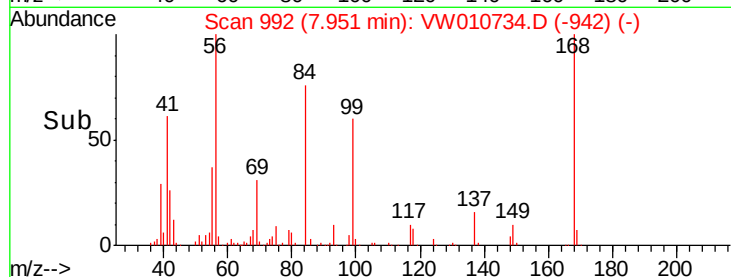
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.857 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW010734.D

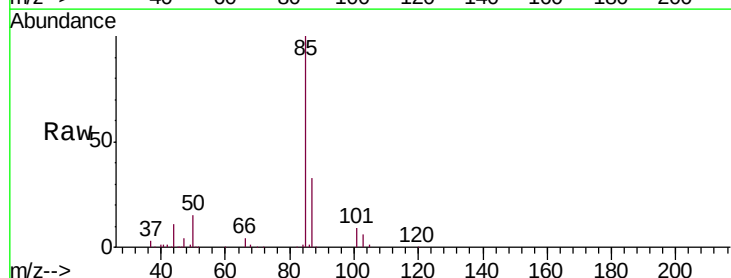
Acq: 07 Jun 2019 17:35

Tgt Ion: 85 Resp: 103095

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

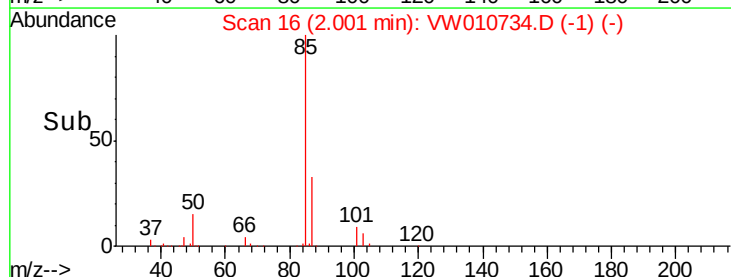
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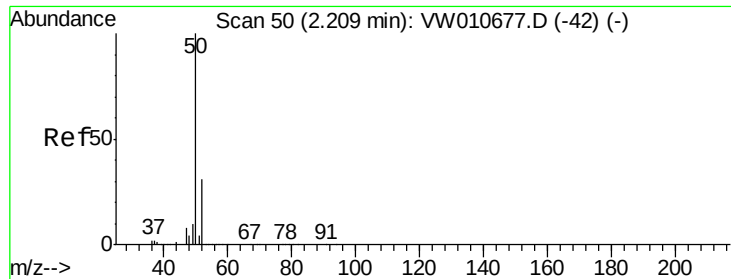
40000

20000

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Time-->





#3

Chloromethane

Concen: 48.185 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

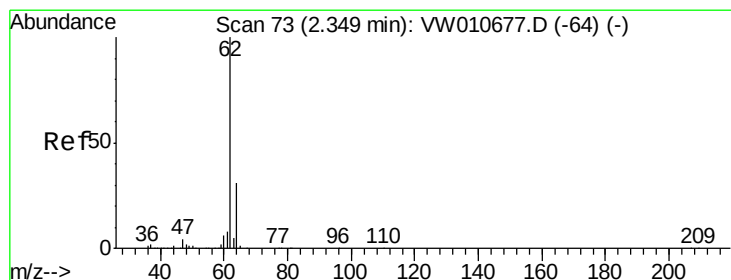
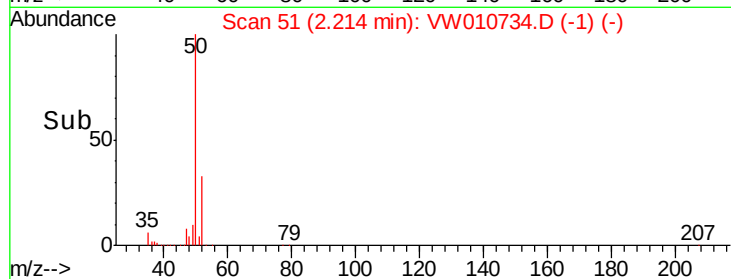
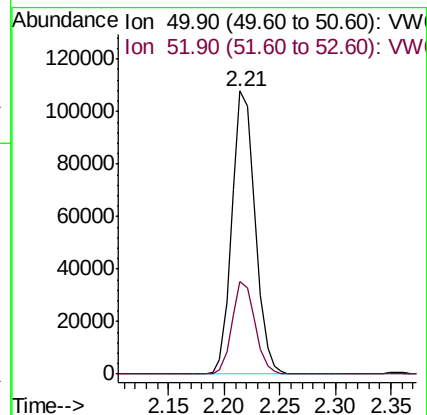
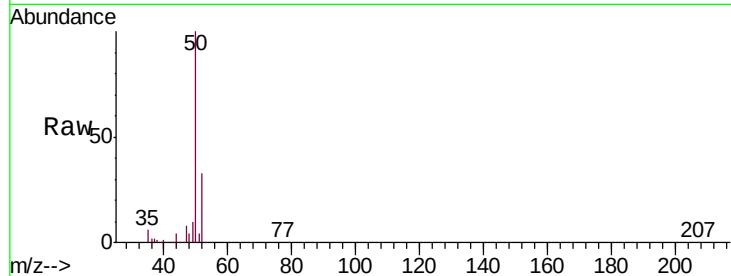
VSTDCCC050EC

Tgt Ion: 50 Resp: 155977

Ion Ratio Lower Upper

50 100

52 32.8 25.2 37.8



#4

Vinyl Chloride

Concen: 47.691 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010734.D

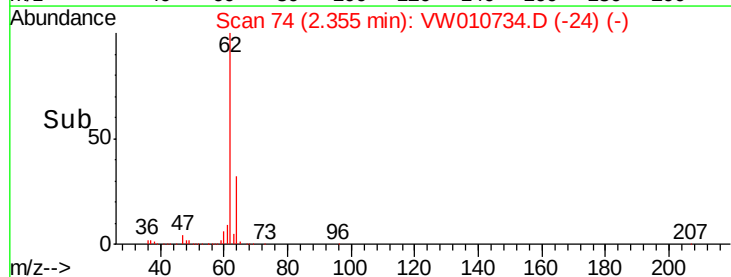
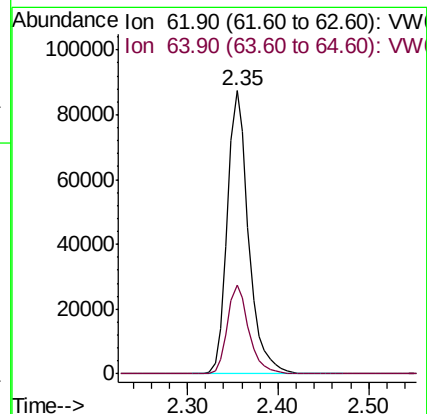
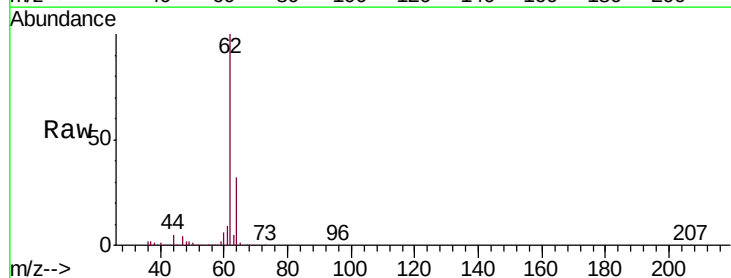
Acq: 07 Jun 2019 17:35

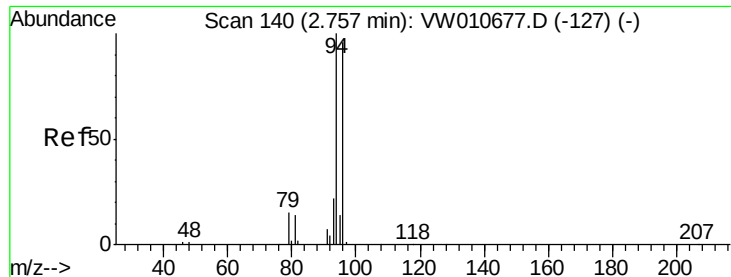
Tgt Ion: 62 Resp: 142633

Ion Ratio Lower Upper

62 100

64 31.5 24.5 36.7





#5

Bromomethane

Concen: 51.374 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

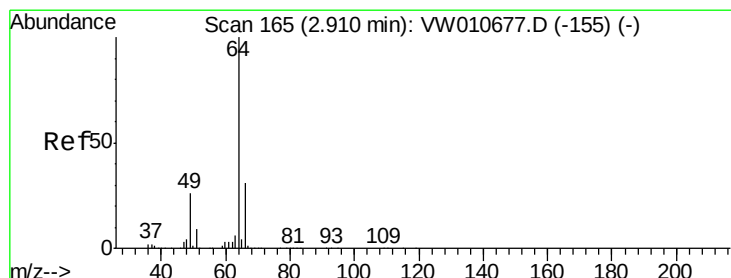
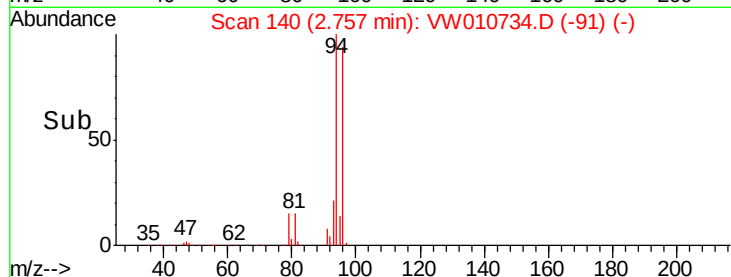
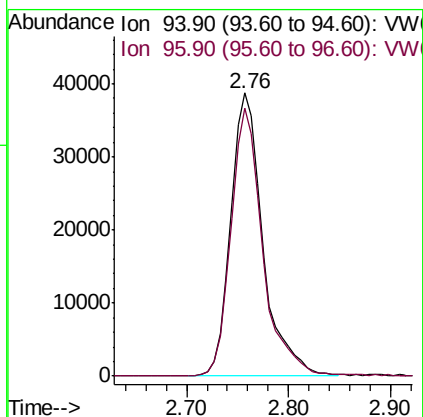
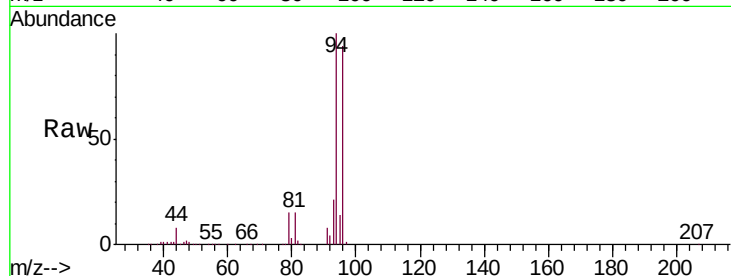
VSTDCCC050EC

Tgt Ion: 94 Resp: 84375

Ion Ratio Lower Upper

94 100

96 94.5 76.5 114.7



#6

Chloroethane

Concen: 49.424 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010734.D

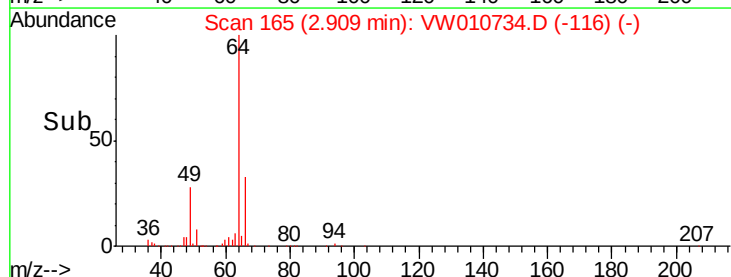
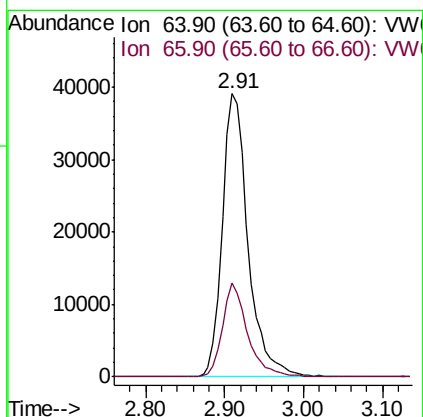
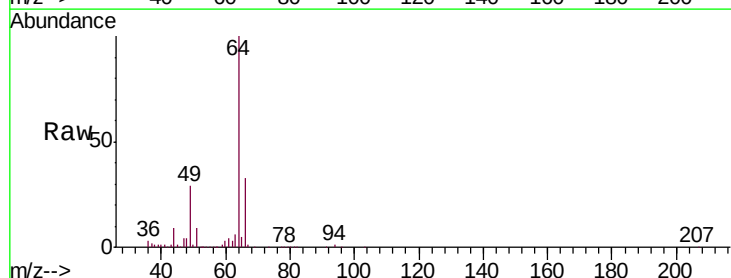
Acq: 07 Jun 2019 17:35

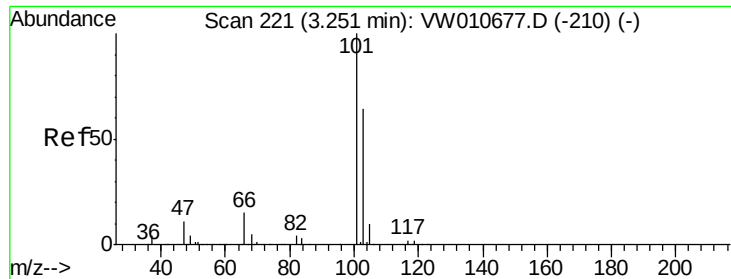
Tgt Ion: 64 Resp: 88726

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7



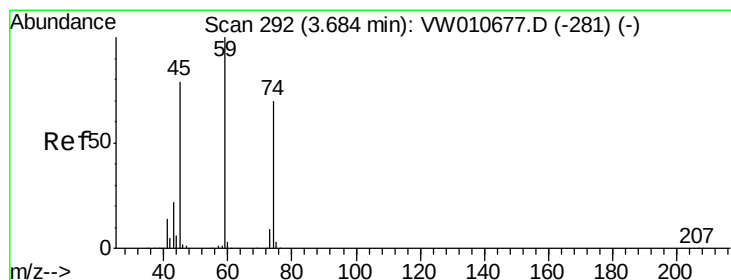
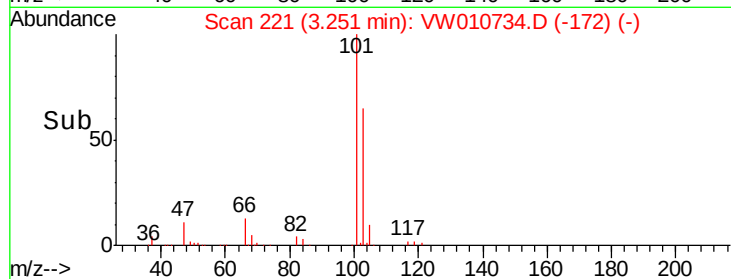
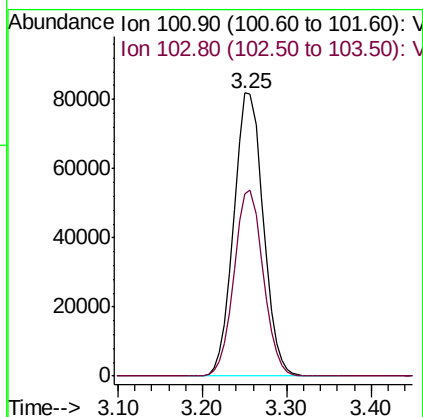
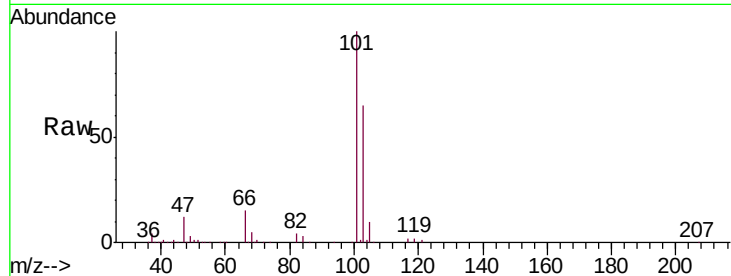


#7

Trichlorofluoromethane
 Concen: 49.839 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
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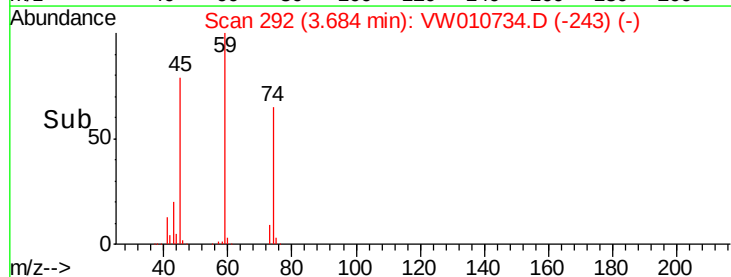
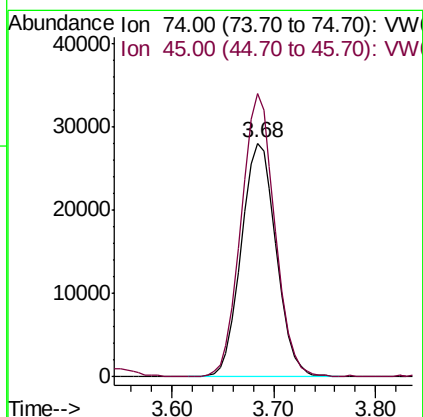
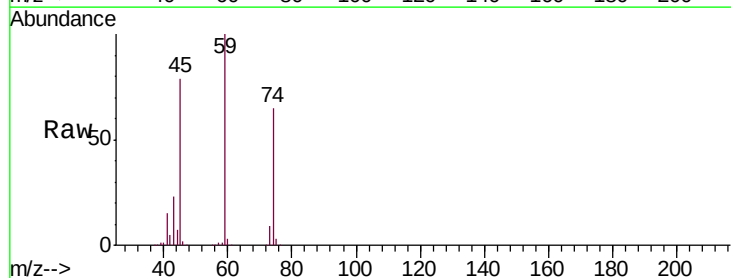
Tgt Ion:101 Resp: 193493
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.2 76.8

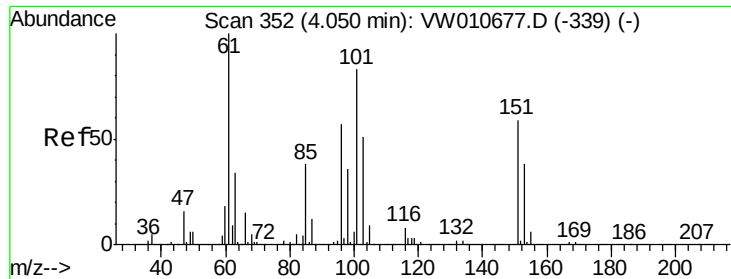


#8

Diethyl Ether
 Concen: 48.241 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 74 Resp: 66931
 Ion Ratio Lower Upper
 74 100
 45 116.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.092 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

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VSTDCCC050EC

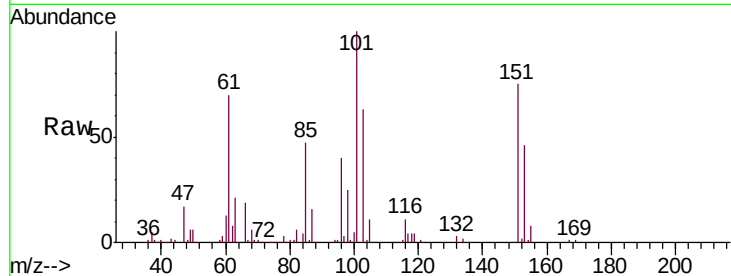
Tgt Ion:101 Resp: 119564

Ion Ratio Lower Upper

101 100

85 46.2 35.8 53.8

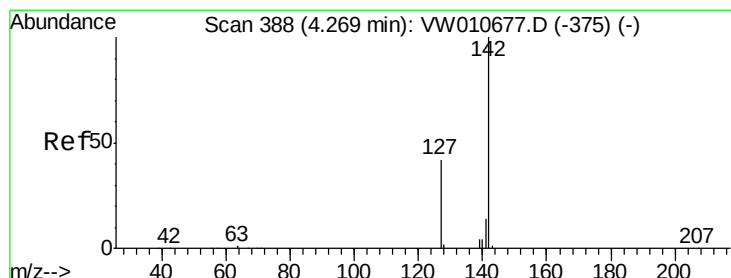
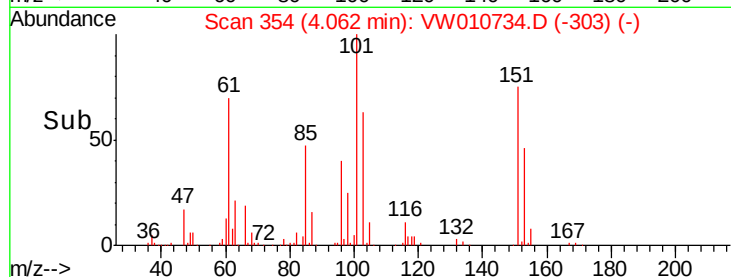
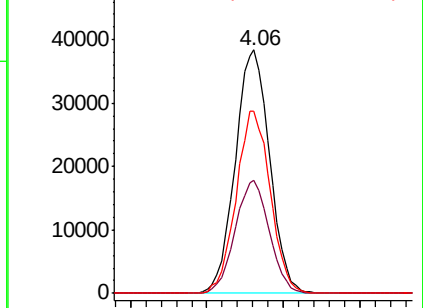
151 74.4 58.1 87.1



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: 44.001 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

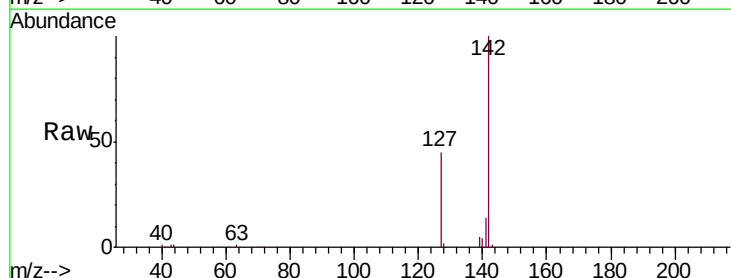
Tgt Ion:142 Resp: 106624

Ion Ratio Lower Upper

142 100

127 45.3 34.6 51.8

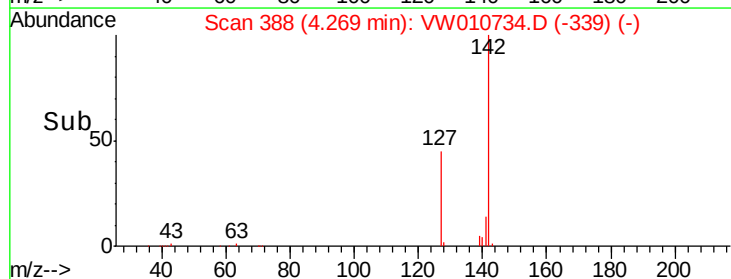
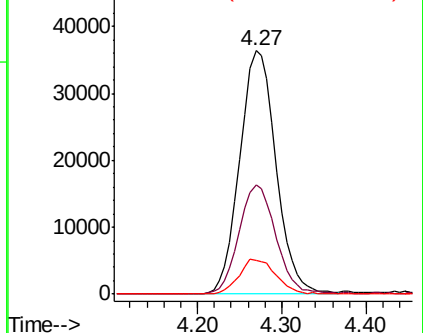
141 14.6 11.6 17.4

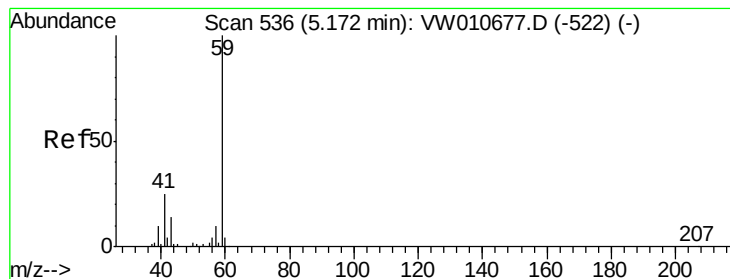


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 232.784 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

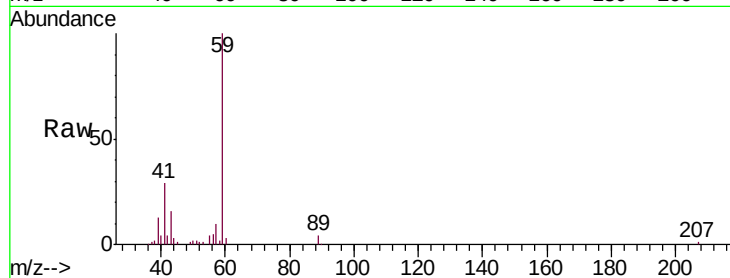
VSTDCCC050EC

Tgt Ion: 59 Resp: 53220

Ion Ratio Lower Upper

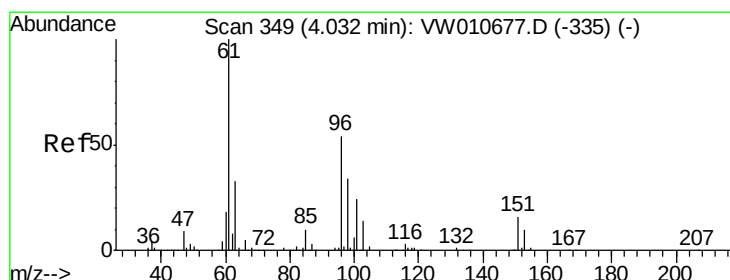
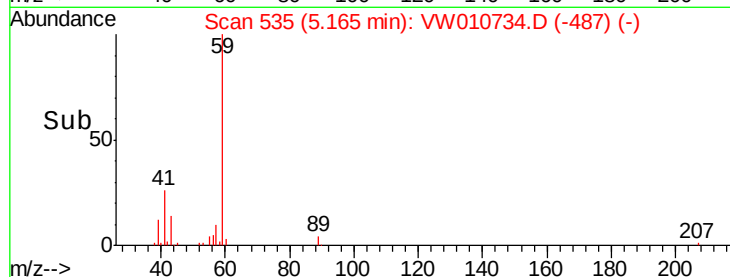
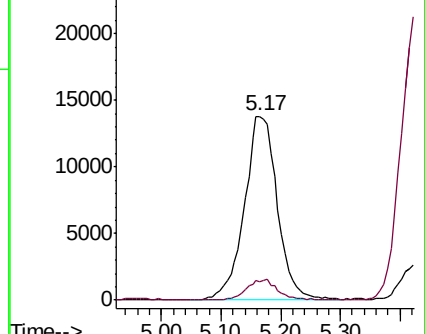
59 100

57 10.5 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 49.089 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

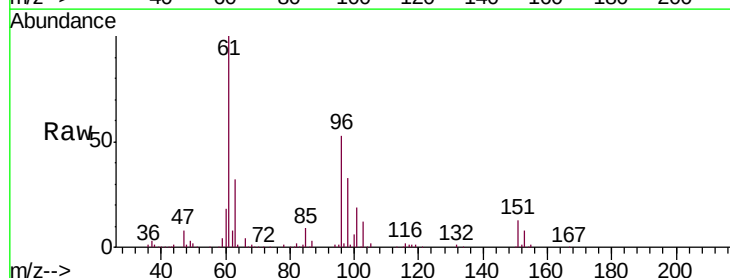
Tgt Ion: 96 Resp: 113027

Ion Ratio Lower Upper

96 100

61 189.0 149.1 223.7

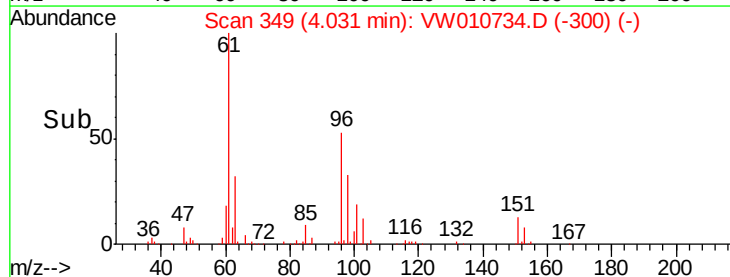
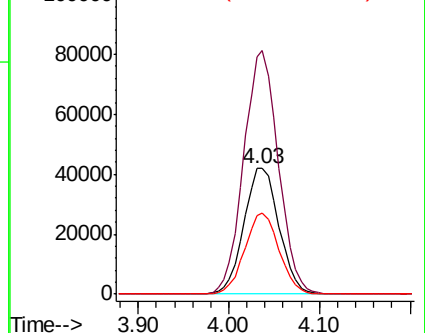
98 62.4 51.1 76.7

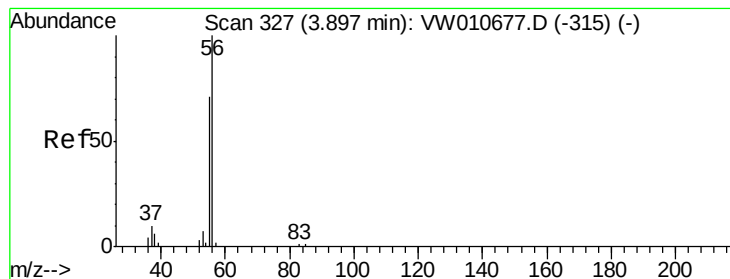


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 158.580 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

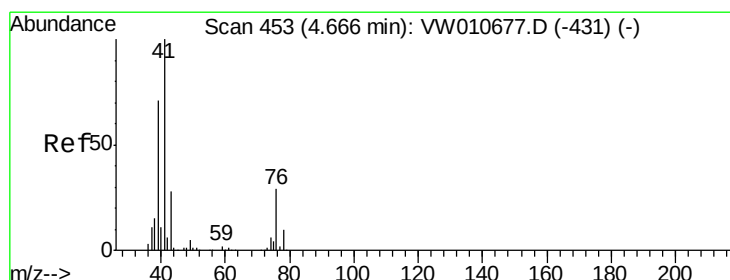
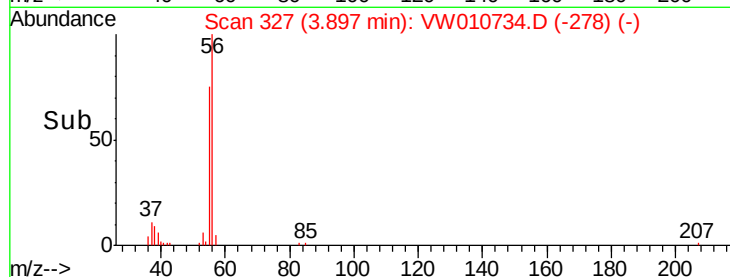
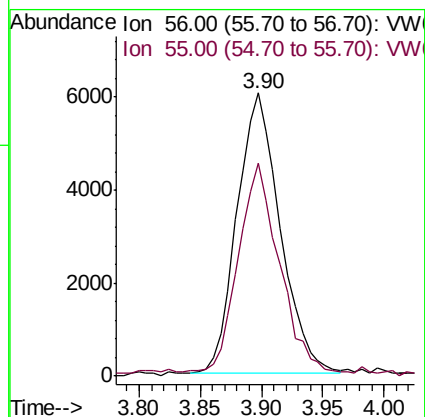
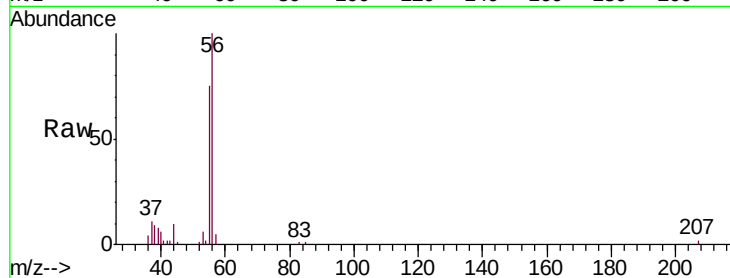
VSTDCCC050EC

Tgt Ion: 56 Resp: 14815

Ion Ratio Lower Upper

56 100

55 74.4 57.6 86.4



#14

Allyl chloride

Concen: 50.943 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

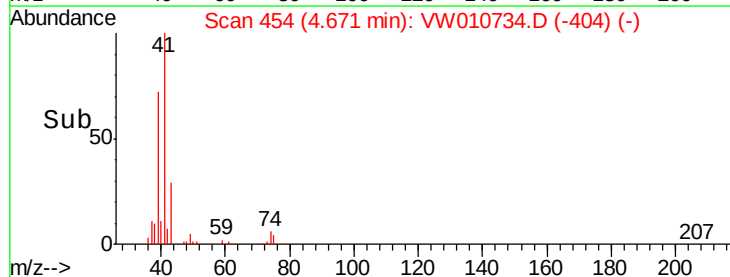
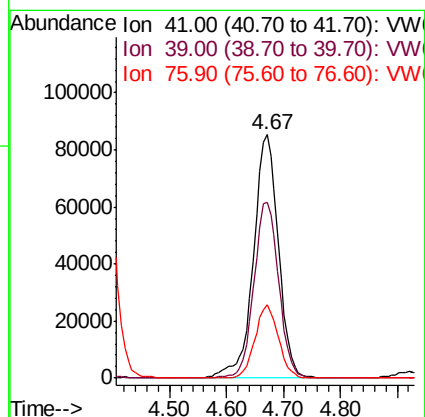
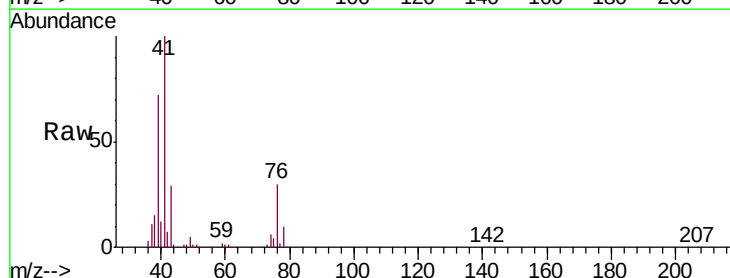
Tgt Ion: 41 Resp: 258629

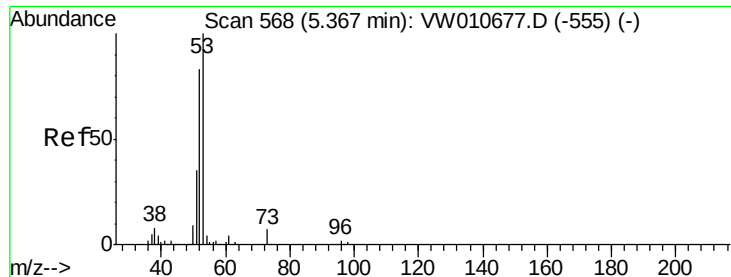
Ion Ratio Lower Upper

41 100

39 72.1 55.8 83.6

76 28.4 22.7 34.1





#15

Acrylonitrile

Concen: 242.070 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

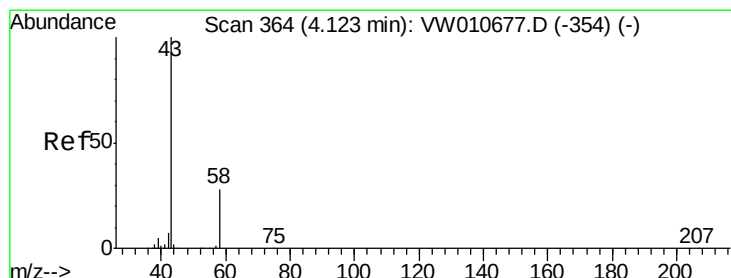
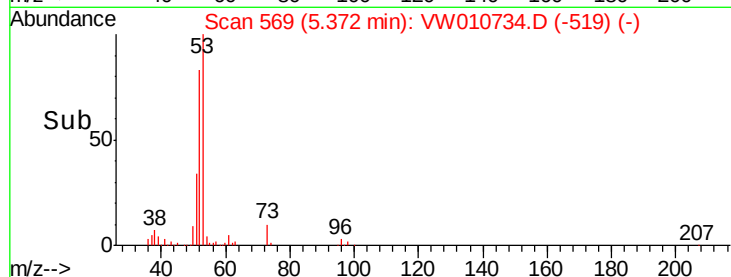
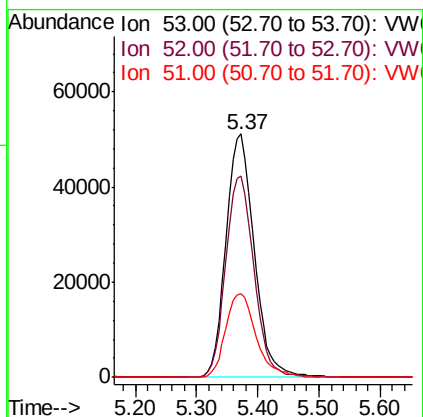
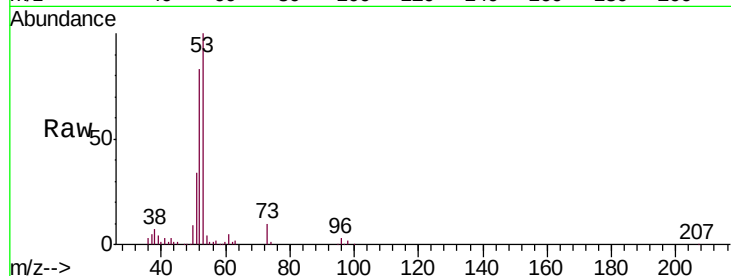
Tgt Ion: 53 Resp: 163162

Ion Ratio Lower Upper

53 100

52 82.8 66.6 100.0

51 37.0 29.8 44.8



#16

Acetone

Concen: 245.929 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010734.D

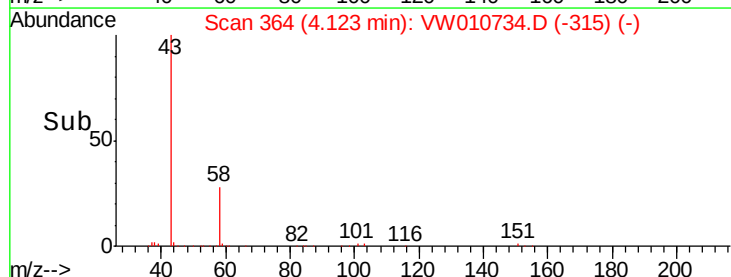
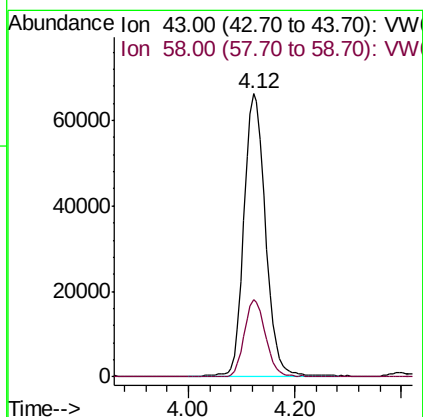
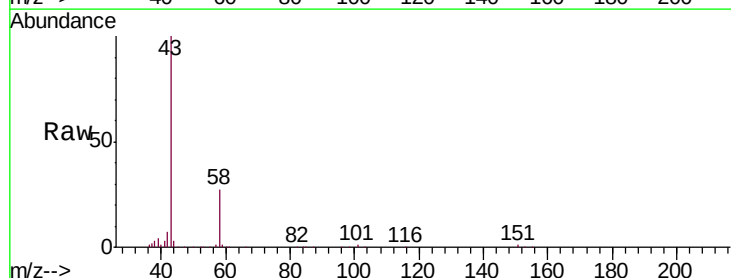
Acq: 07 Jun 2019 17:35

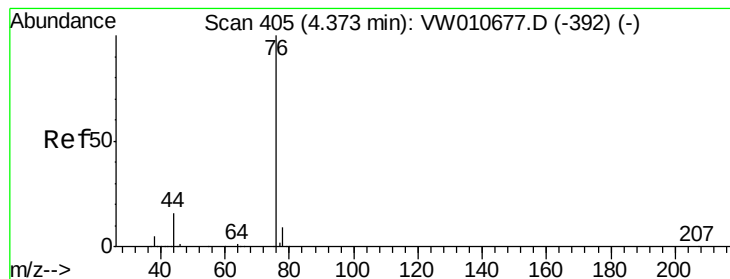
Tgt Ion: 43 Resp: 184925

Ion Ratio Lower Upper

43 100

58 27.1 22.1 33.1





#17

Carbon Disulfide

Concen: 48.748 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

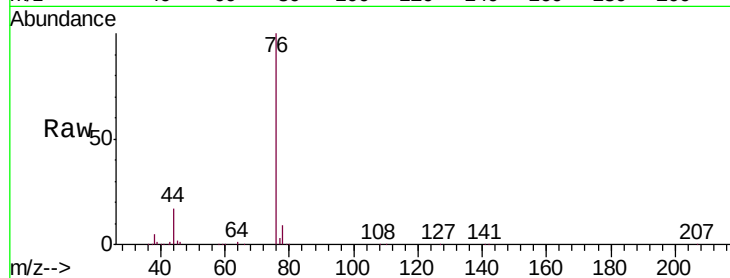
VSTDCCC050EC

Tgt Ion: 76 Resp: 356304

Ion Ratio Lower Upper

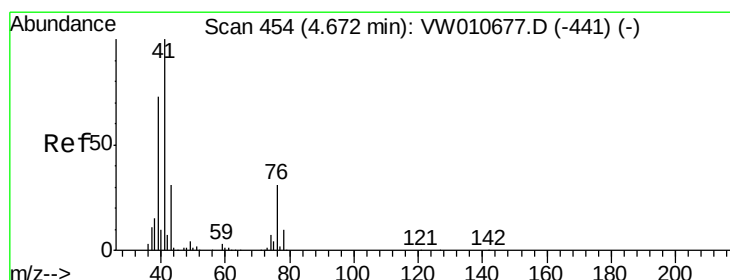
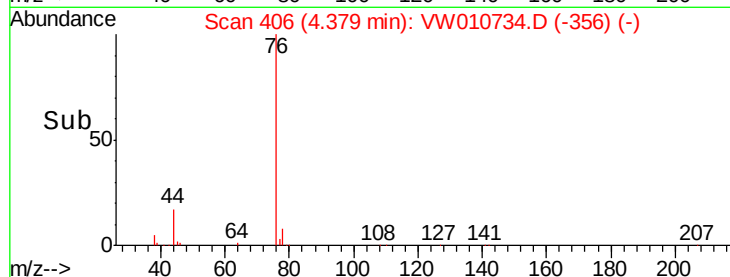
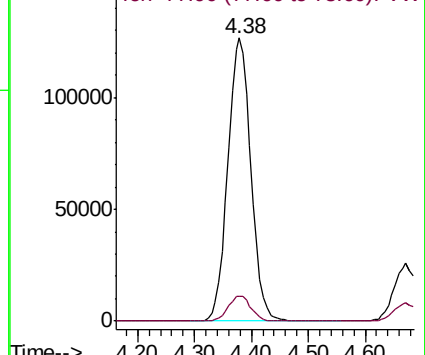
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 46.246 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010734.D

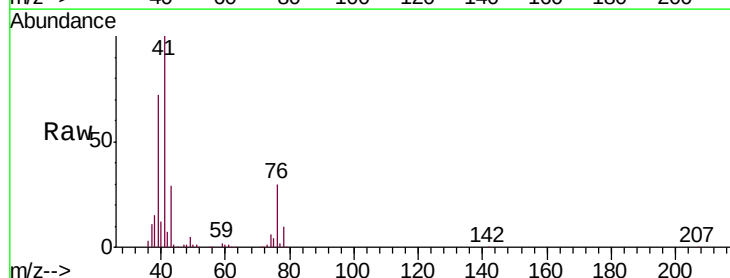
Acq: 07 Jun 2019 17:35

Tgt Ion: 43 Resp: 74855

Ion Ratio Lower Upper

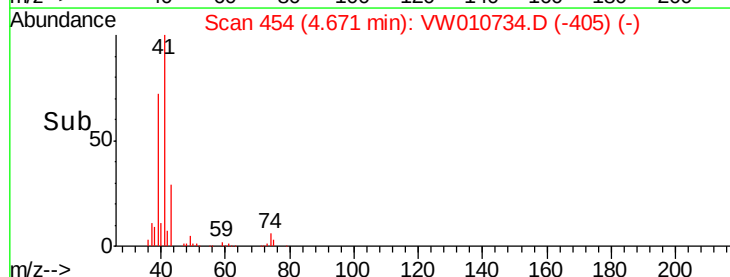
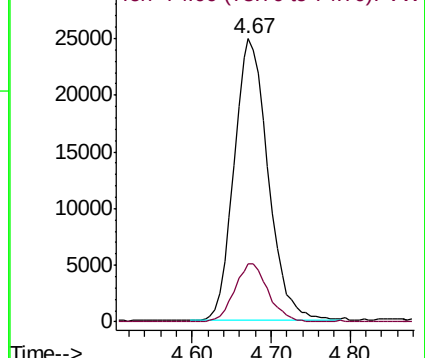
43 100

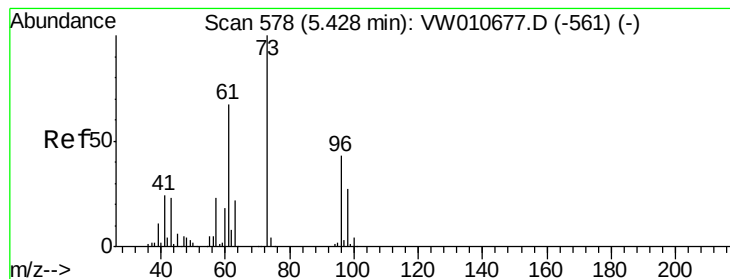
74 20.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 48.306 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

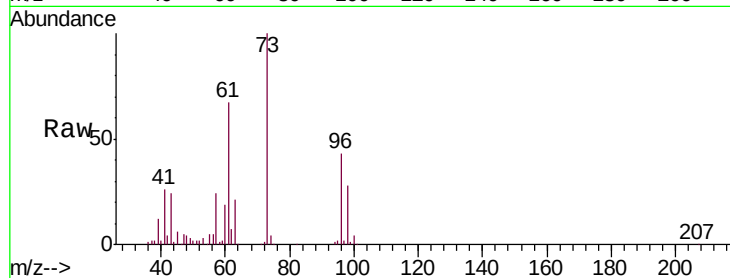
VSTDCCC050EC

Tgt Ion: 73 Resp: 320786

Ion Ratio Lower Upper

73 100

57 24.2 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.43

100000

80000

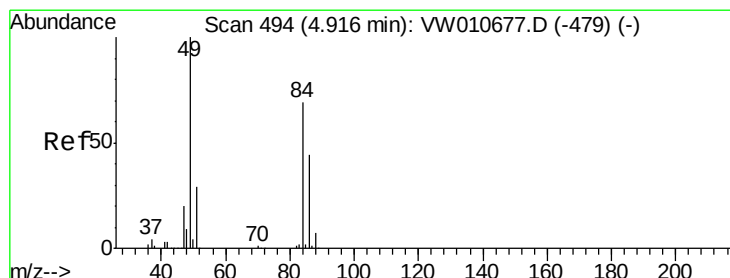
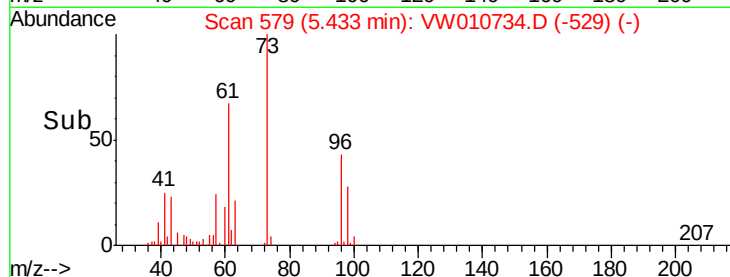
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 49.591 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Tgt Ion: 84 Resp: 130816

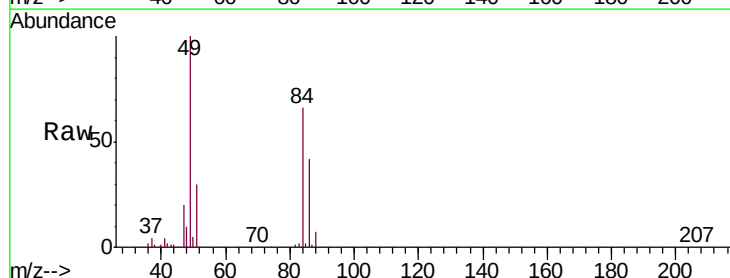
Ion Ratio Lower Upper

84 100

49 152.5 116.7 175.1

51 46.4 34.2 51.2

86 64.2 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

80000

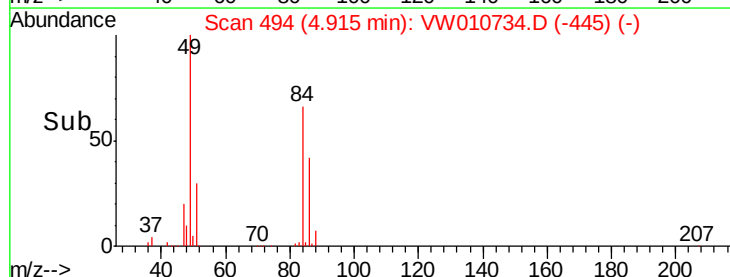
60000

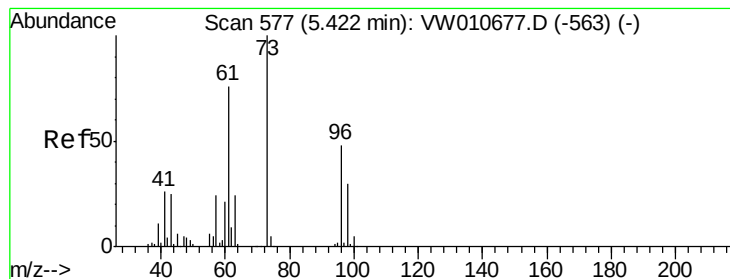
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.330 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

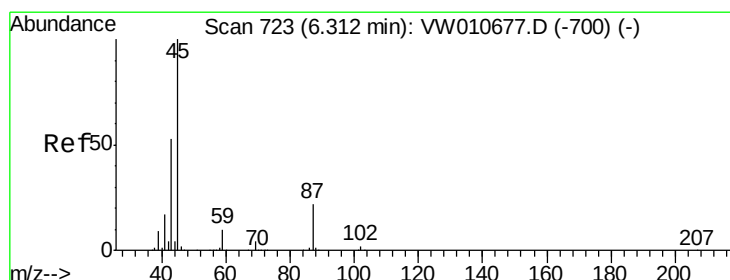
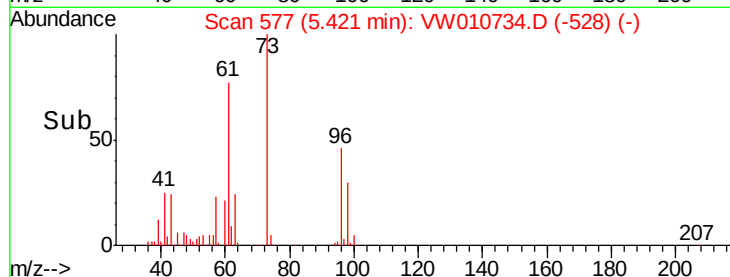
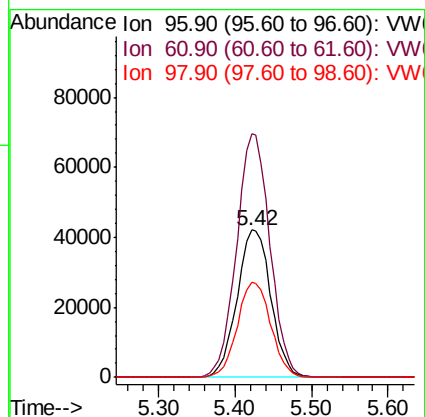
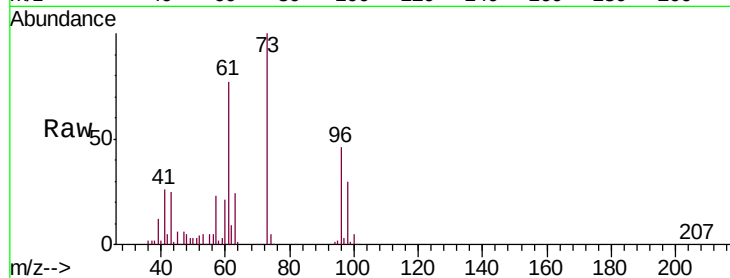
Tgt Ion: 96 Resp: 128939

Ion Ratio Lower Upper

96 100

61 165.2 126.0 189.0

98 64.3 49.6 74.4



#22

Diisopropyl ether

Concen: 51.107 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Tgt Ion: 45 Resp: 519450

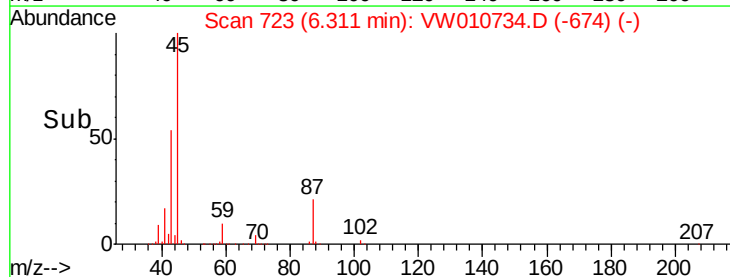
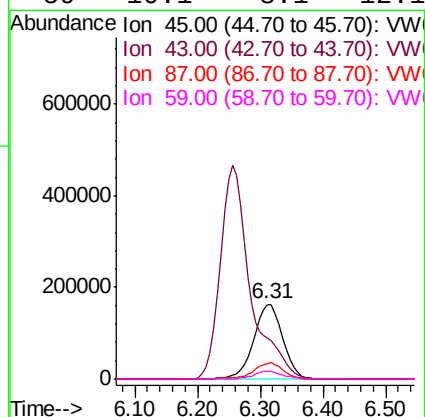
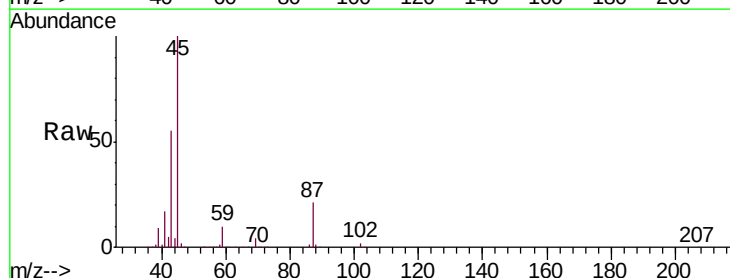
Ion Ratio Lower Upper

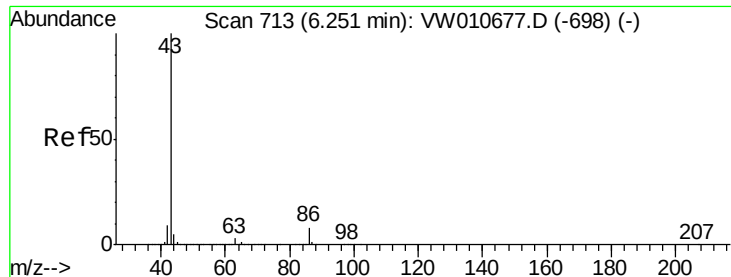
45 100

43 54.4 42.5 63.7

87 21.1 17.4 26.2

59 10.1 8.1 12.1





#23

Vinyl Acetate

Concen: 250.942 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

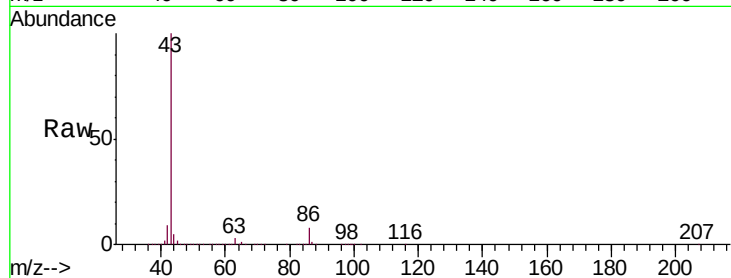
VSTDCCC050EC

Tgt Ion: 43 Resp: 1539262

Ion Ratio Lower Upper

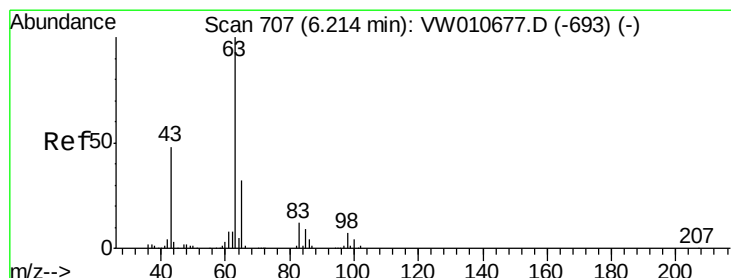
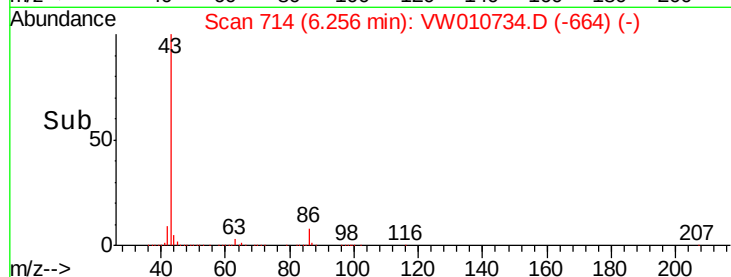
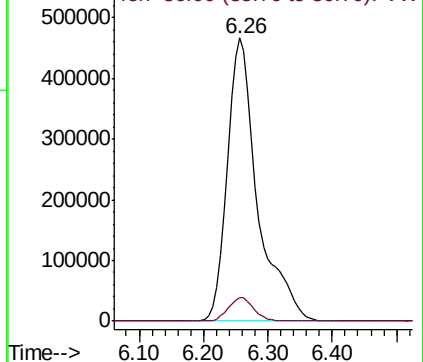
43 100

86 8.2 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: 51.108 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

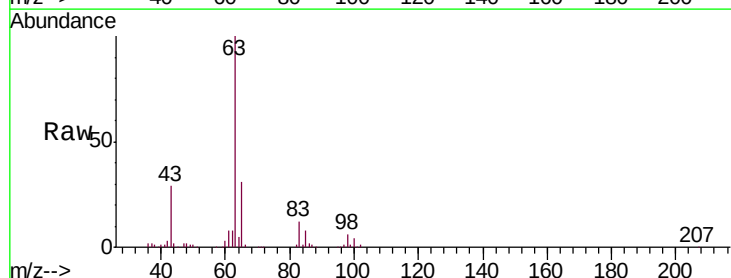
Tgt Ion: 63 Resp: 260323

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

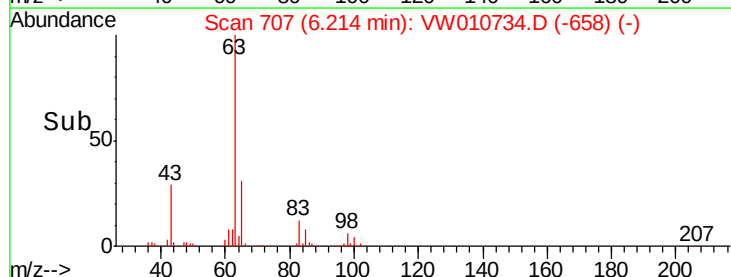
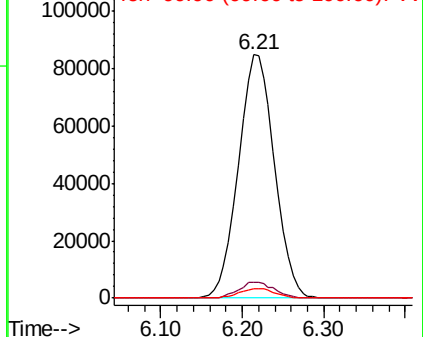
100 3.6 2.1 6.3

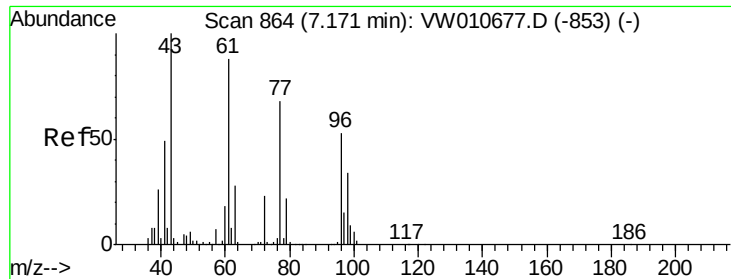


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 240.263 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

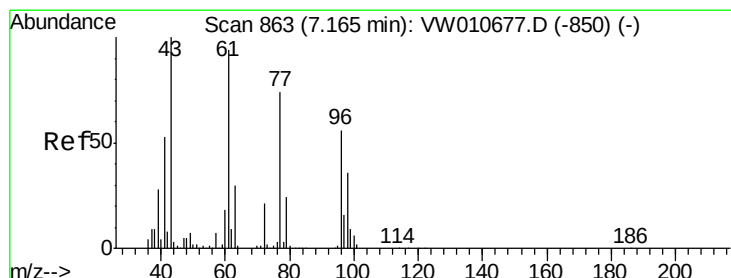
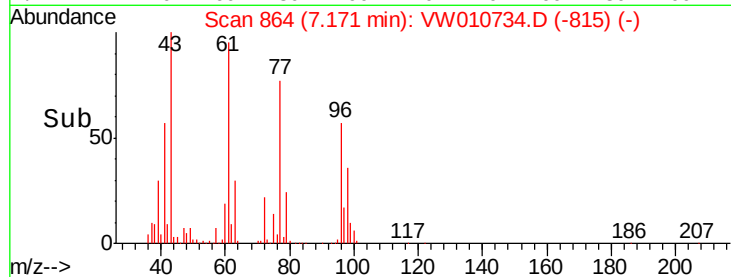
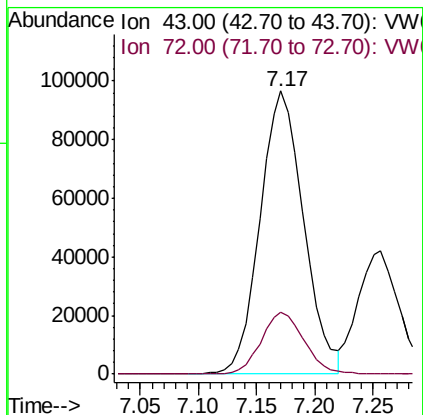
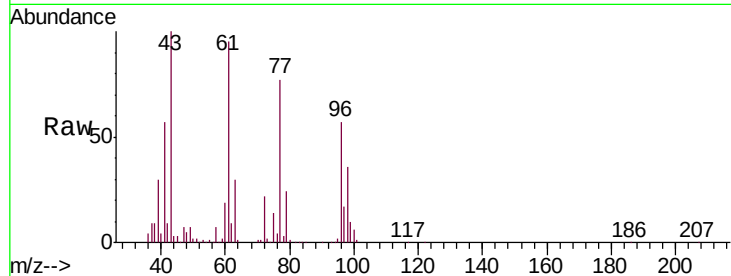
VSTDCCC050EC

Tgt Ion: 43 Resp: 250516

Ion Ratio Lower Upper

43 100

72 22.0 18.1 27.1



#26

2,2-Dichloropropane

Concen: 52.641 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW010734.D

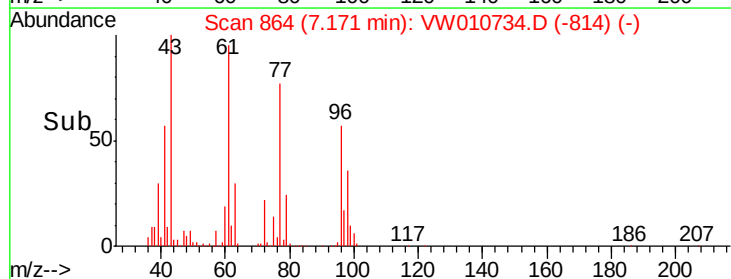
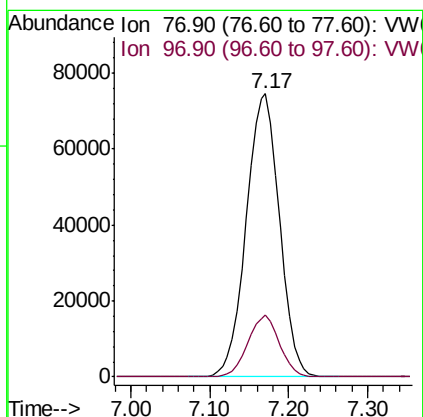
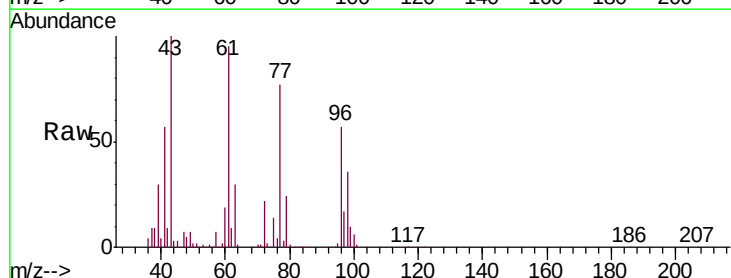
Acq: 07 Jun 2019 17:35

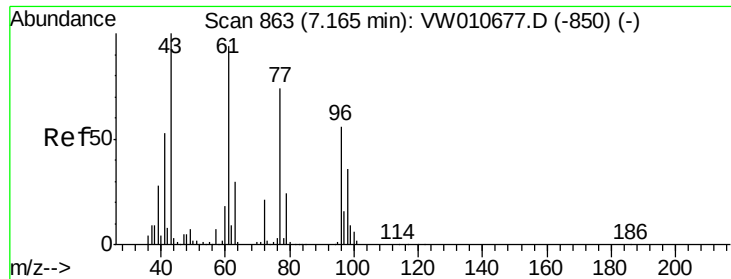
Tgt Ion: 77 Resp: 218187

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.6



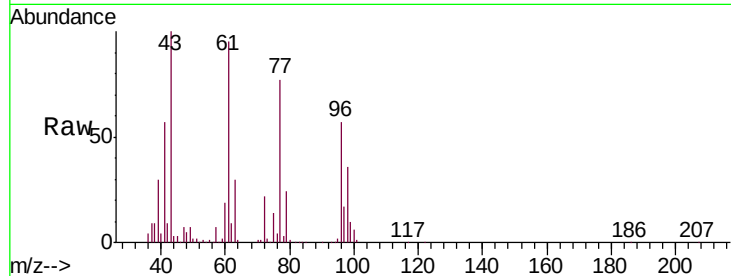


#27

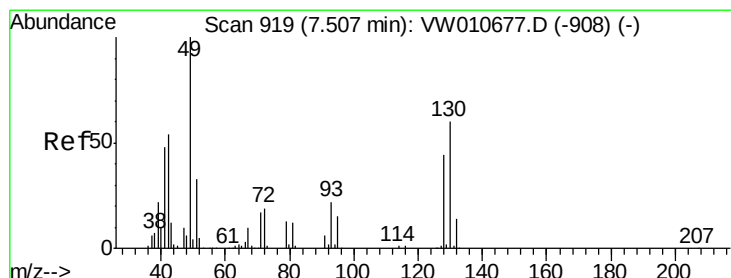
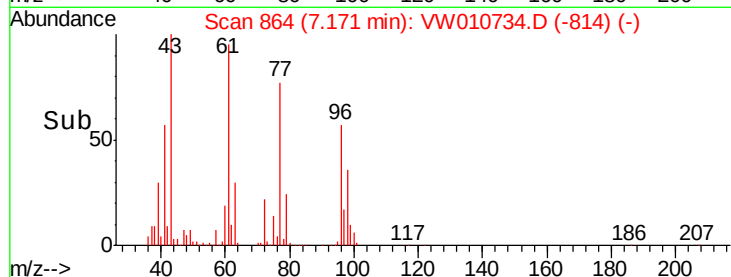
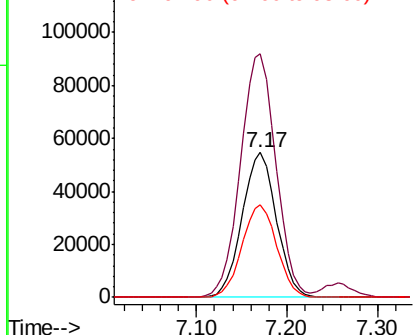
cis-1,2-Dichloroethene
Concen: 49.905 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 143554
Ion Ratio Lower Upper
96 100
61 173.3 0.0 336.4
98 64.8 0.0 128.0



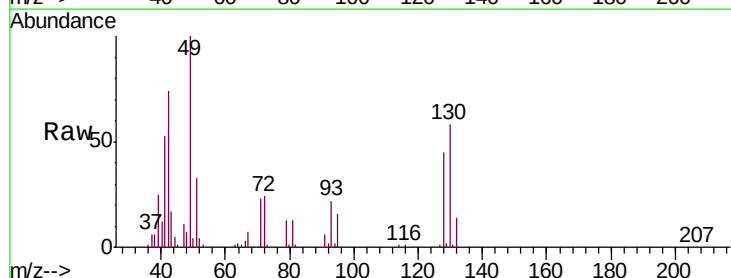
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



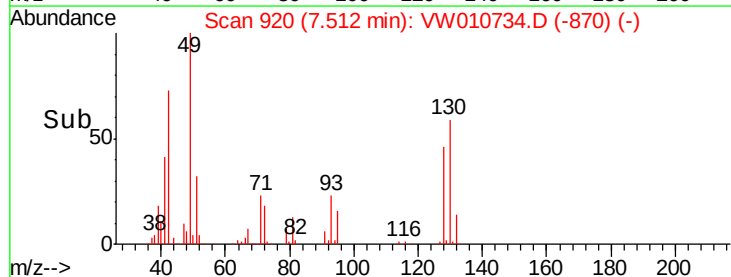
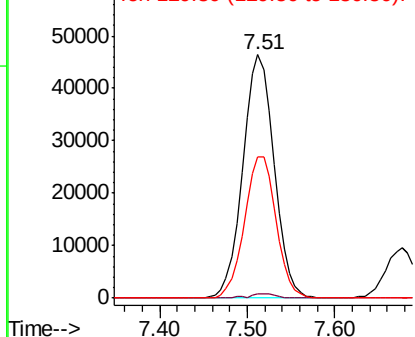
#28

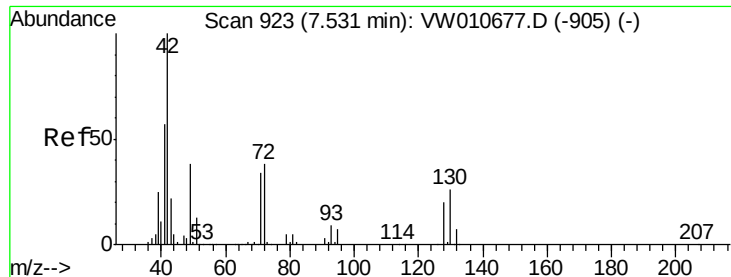
Bromochloromethane
Concen: 50.751 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 49 Resp: 115366
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 58.4 48.3 72.5



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

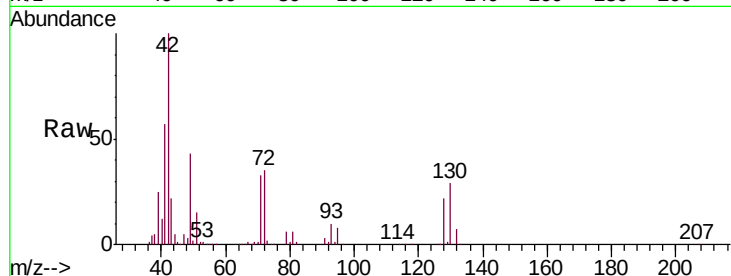




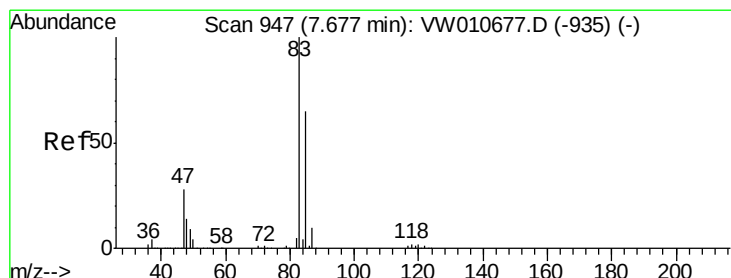
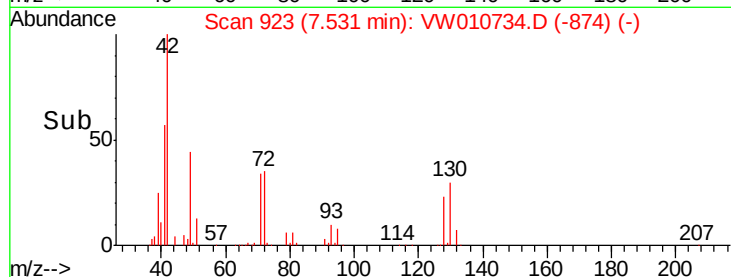
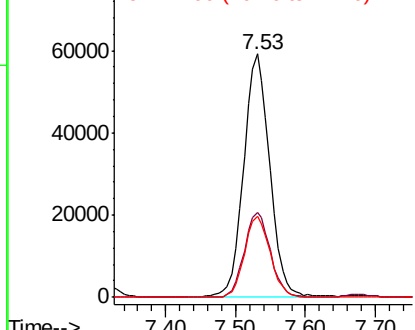
#29
Tetrahydrofuran
Concen: 233.162 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 152916
Ion Ratio Lower Upper
42 100
72 34.9 28.7 43.1
71 33.0 26.6 39.8

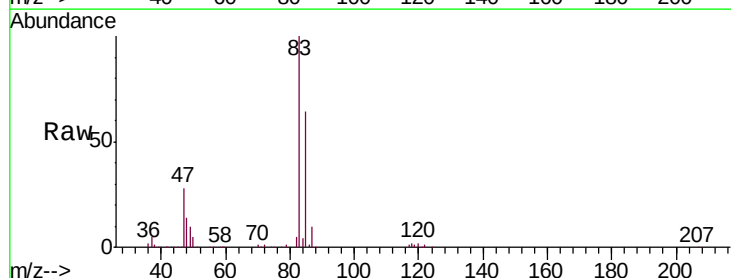


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

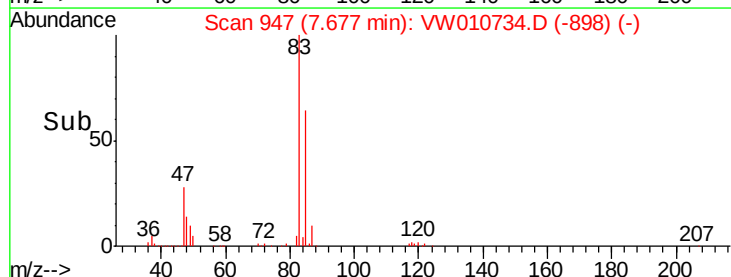
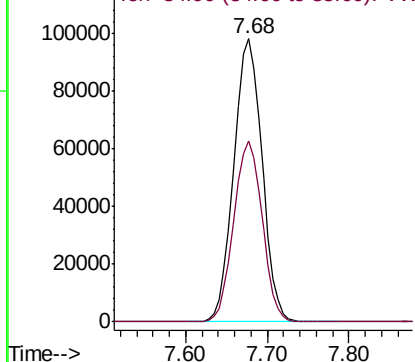


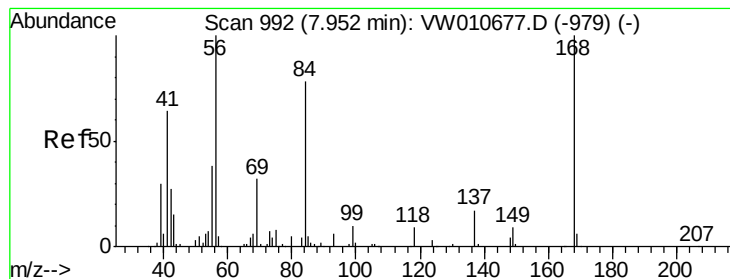
#30
Chloroform
Concen: 50.558 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 83 Resp: 235549
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.8



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





#31

Cyclohexane

Concen: 47.973 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

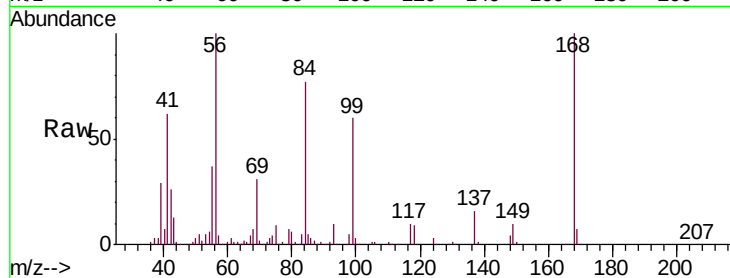
Tgt Ion: 56 Resp: 271632

Ion Ratio Lower Upper

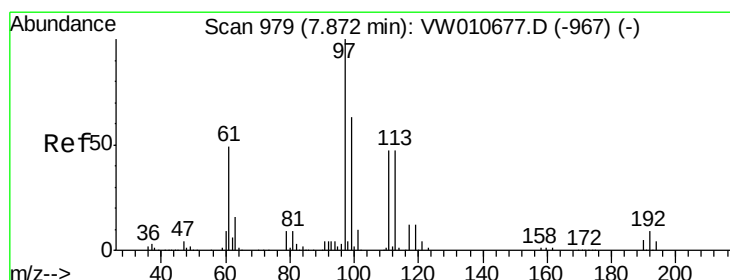
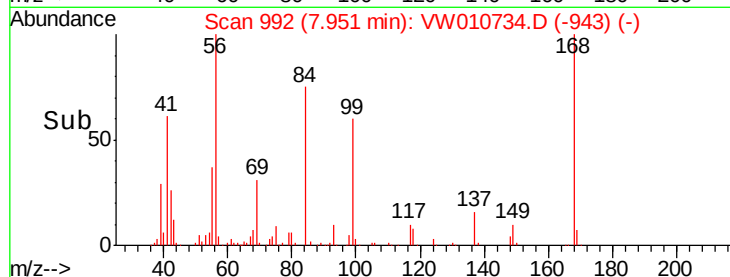
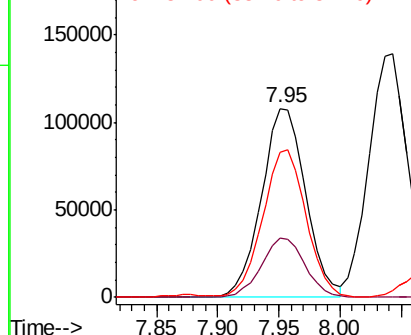
56 100

69 31.4 25.2 37.8

84 75.7 62.2 93.2



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



#32

1,1,1-Trichloroethane

Concen: 51.457 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

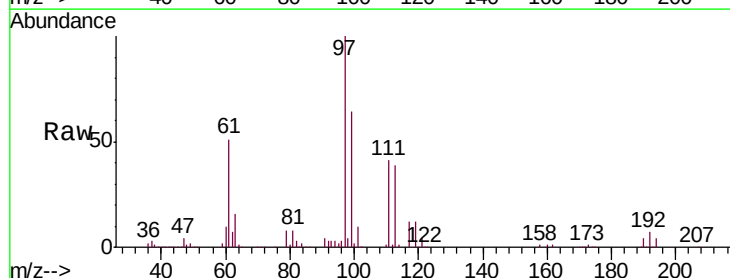
Tgt Ion: 97 Resp: 209420

Ion Ratio Lower Upper

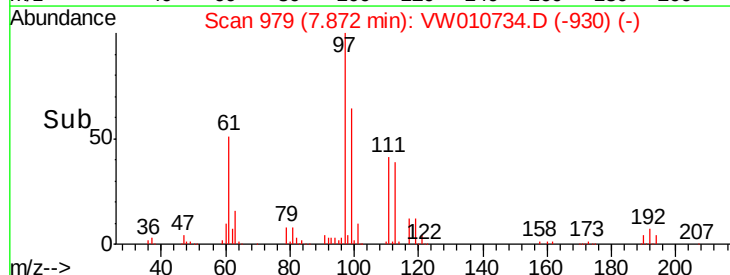
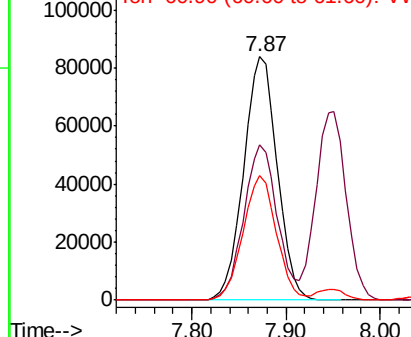
97 100

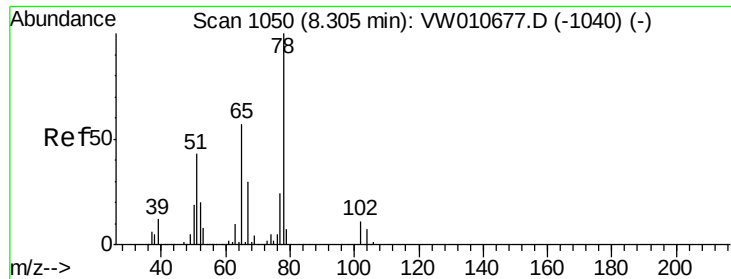
99 64.3 51.3 76.9

61 50.8 40.4 60.6



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

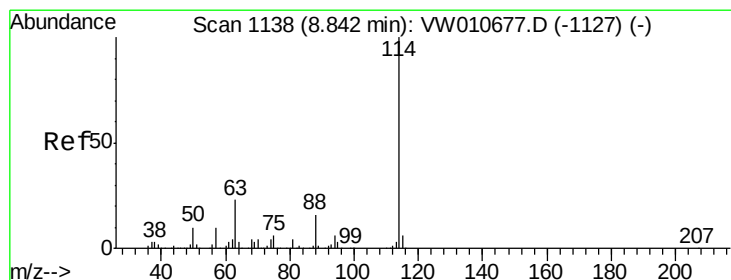
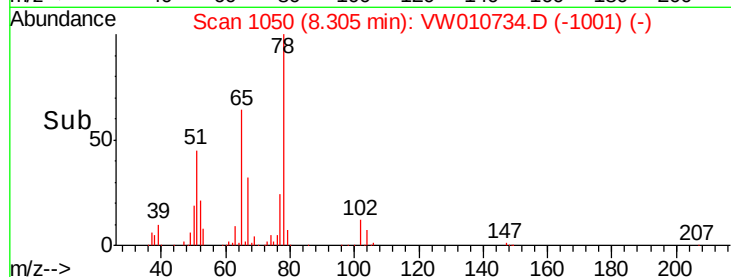
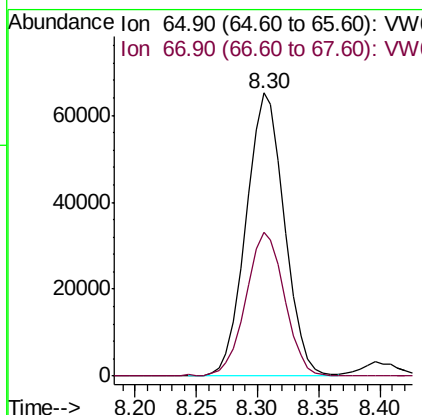
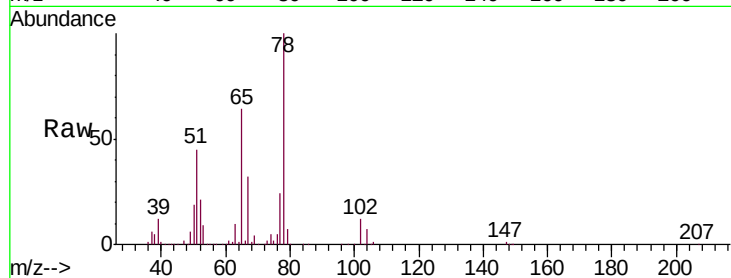




#33
 1,2-Dichloroethane-d4
 Concen: 50.547 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

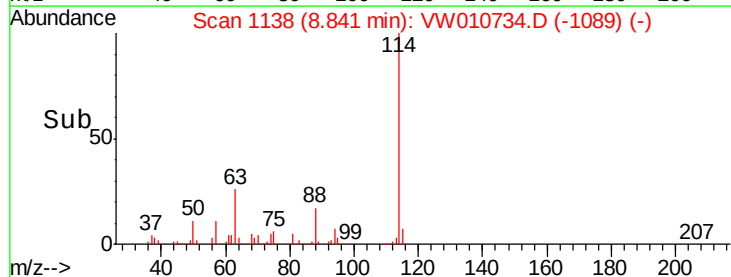
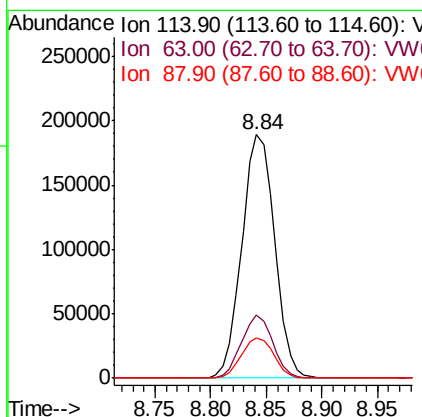
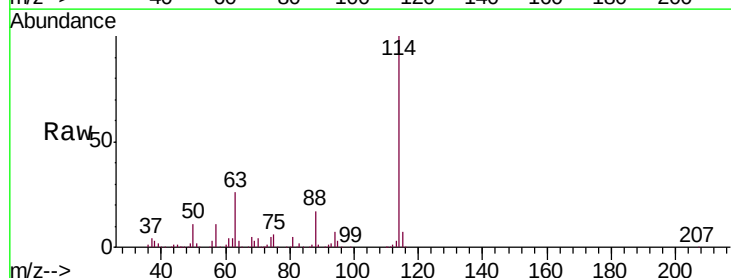
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

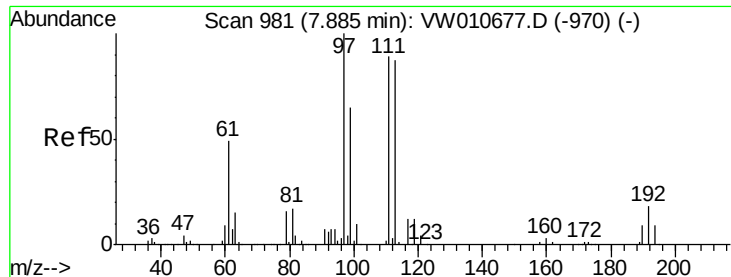
Tgt Ion: 65 Resp: 141850
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 114 Resp: 388358
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 46.4
 88 16.7 0.0 32.2

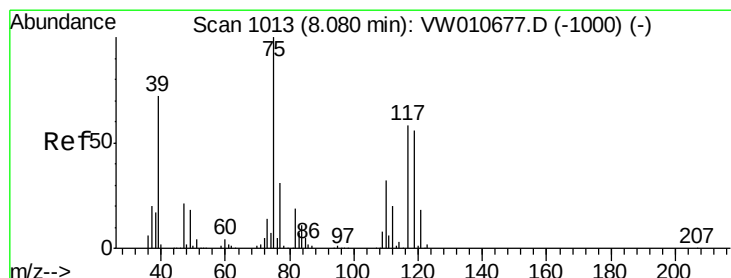
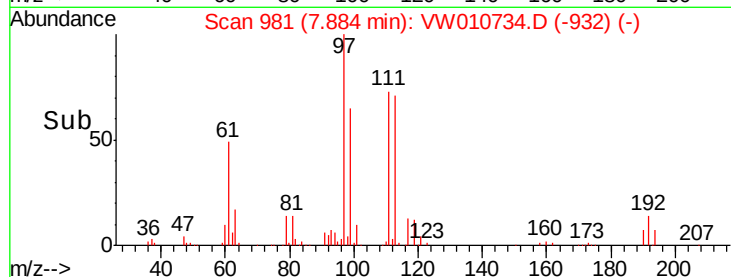
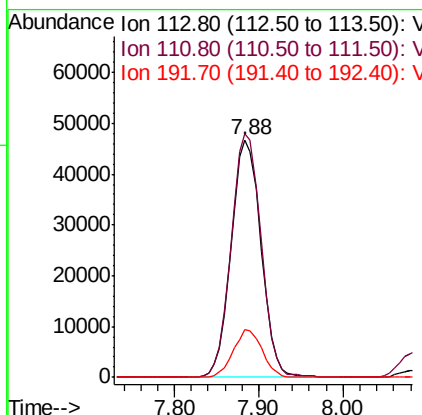
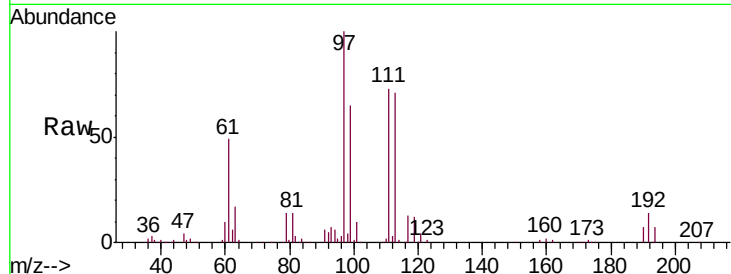




#35
 Dibromofluoromethane
 Concen: 52.931 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

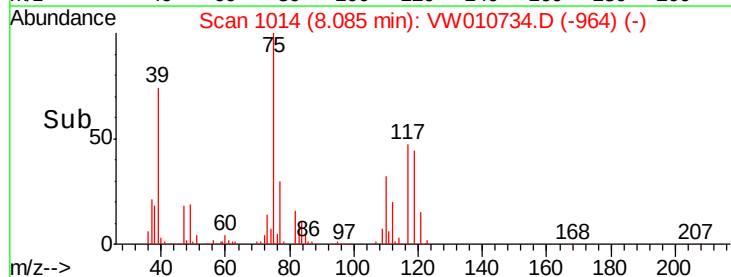
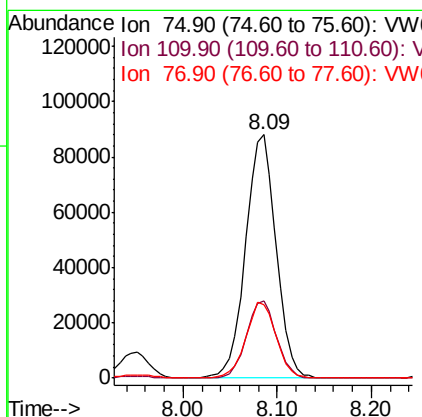
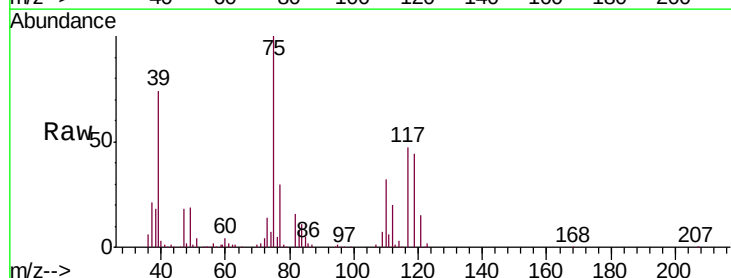
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

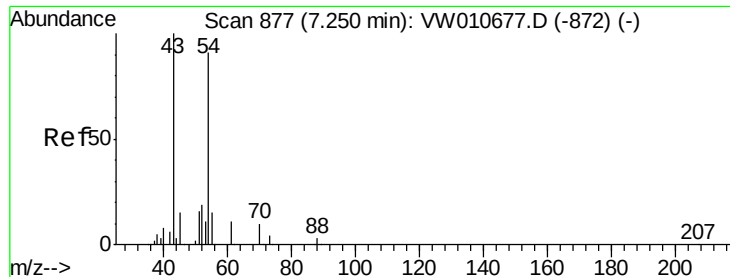
Tgt Ion: 113 Resp: 111574
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 19.4 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 50.216 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 75 Resp: 199624
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.8 47.3
 77 30.9 24.7 37.1

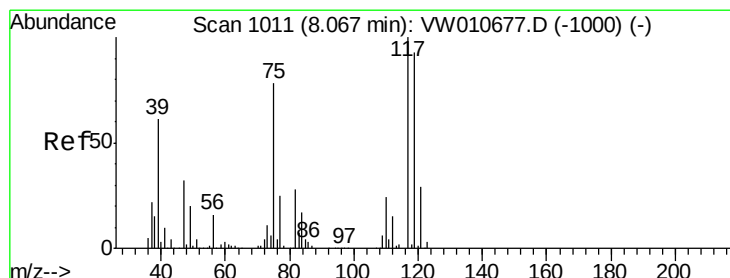
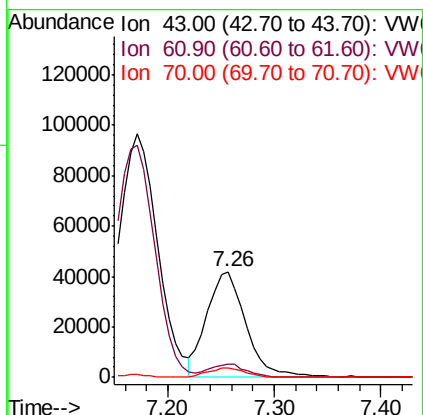
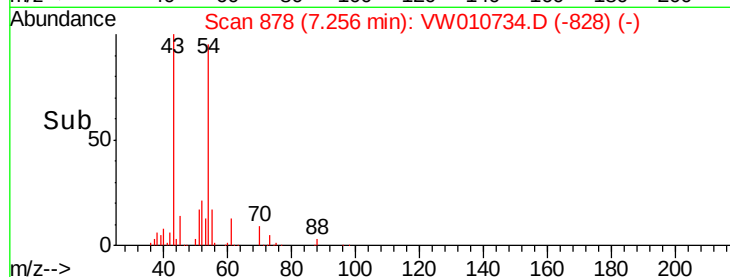
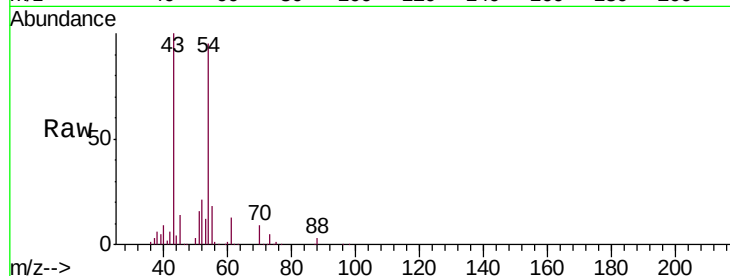




#37
Ethyl Acetate
Concen: 47.512 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

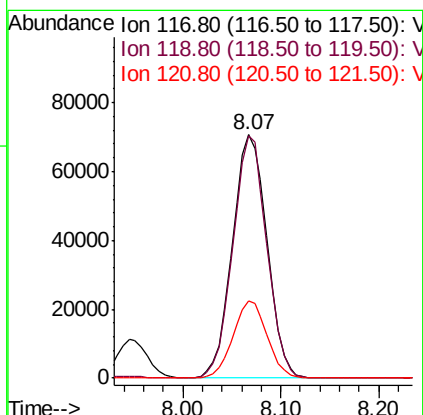
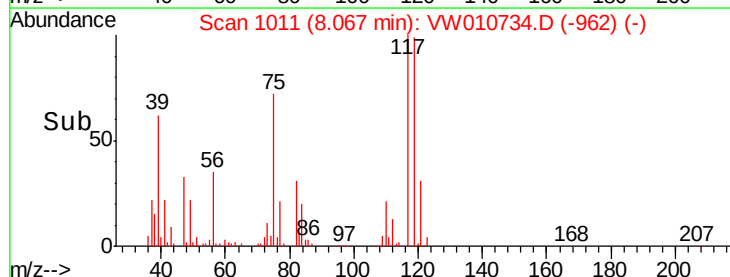
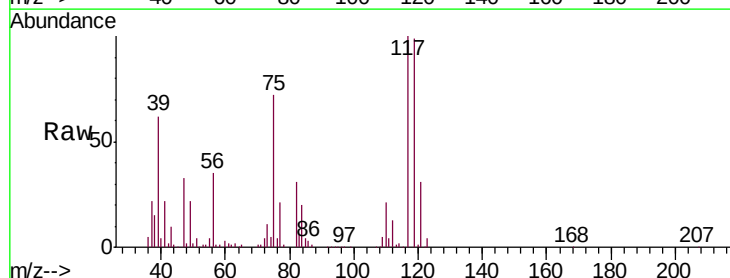
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

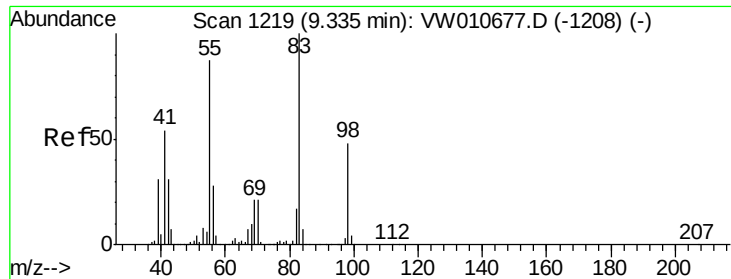
Tgt Ion: 43 Resp: 104663
Ion Ratio Lower Upper
43 100
61 11.8 9.7 14.5
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.563 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 117 Resp: 173515
Ion Ratio Lower Upper
117 100
119 99.3 74.2 111.4
121 31.5 22.9 34.3

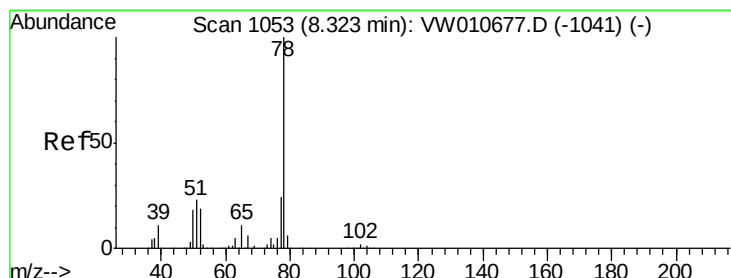
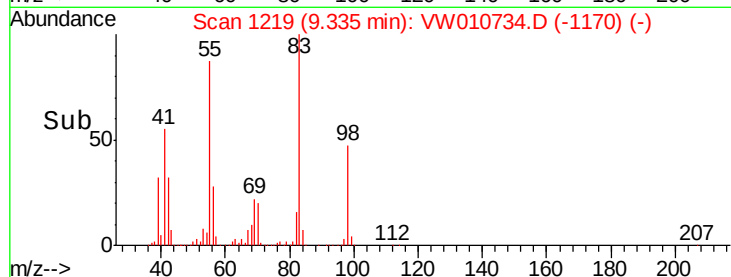
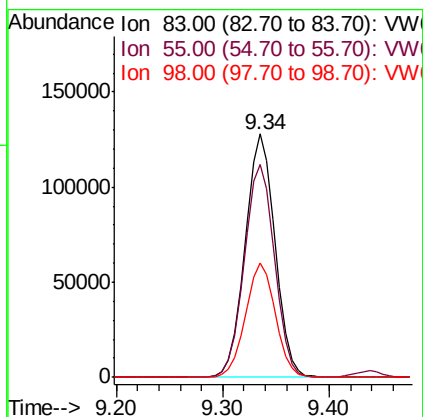
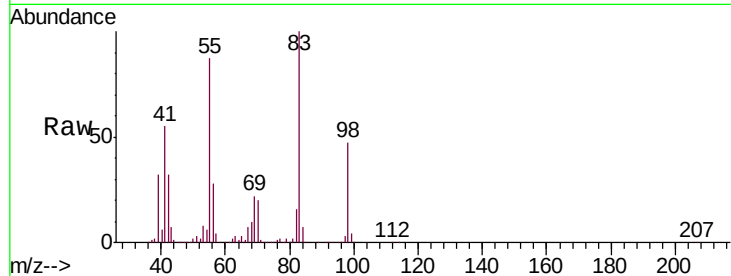




#39
Methylcyclohexane
Concen: 49.941 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

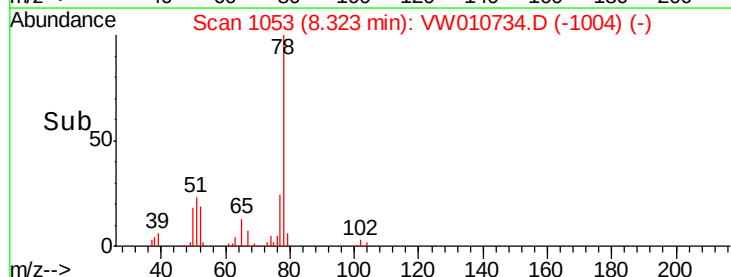
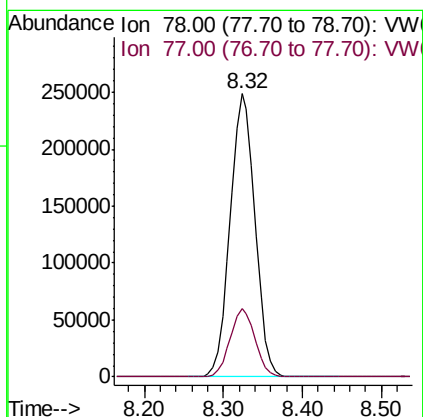
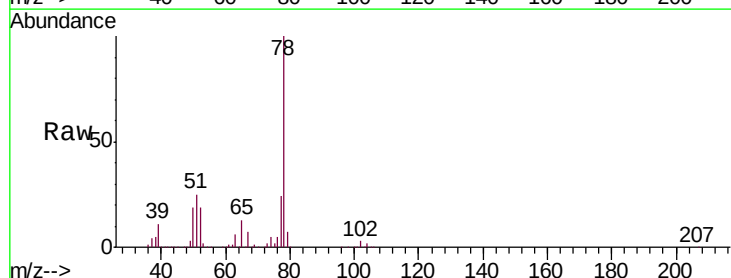
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

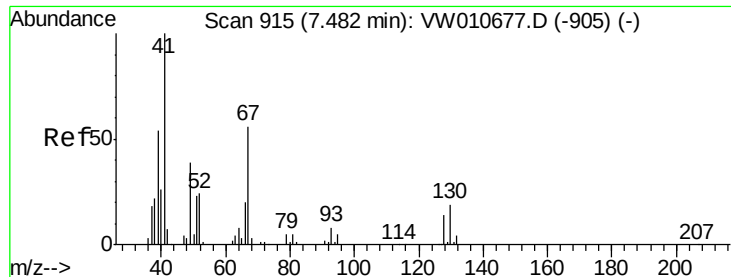
Tgt Ion: 83 Resp: 252377
Ion Ratio Lower Upper
83 100
55 87.5 70.0 105.0
98 46.7 38.1 57.1



#40
Benzene
Concen: 50.249 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 78 Resp: 544938
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

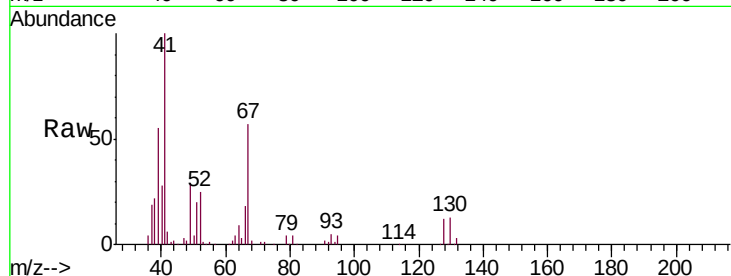




#41
Methacrylonitrile
Concen: 52.510 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	68756
Ion	Ratio	Lower	Upper
41	100		
39	54.4	47.3	70.9
67	53.2	47.2	70.8
52	25.1	21.3	31.9



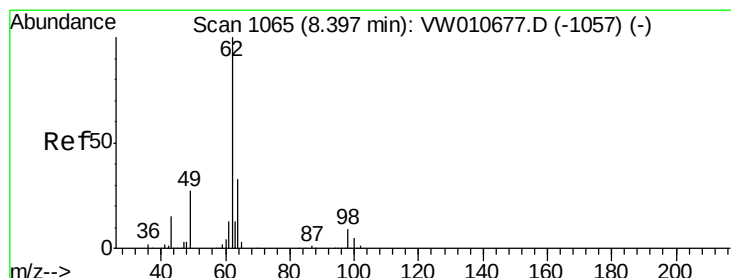
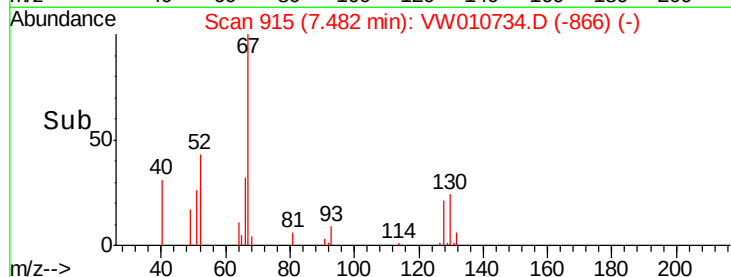
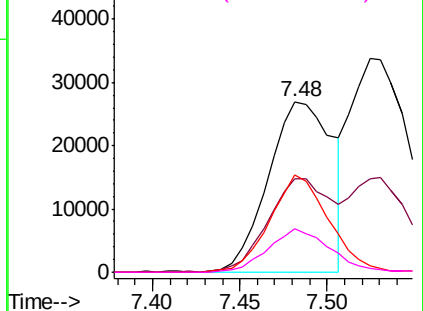
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

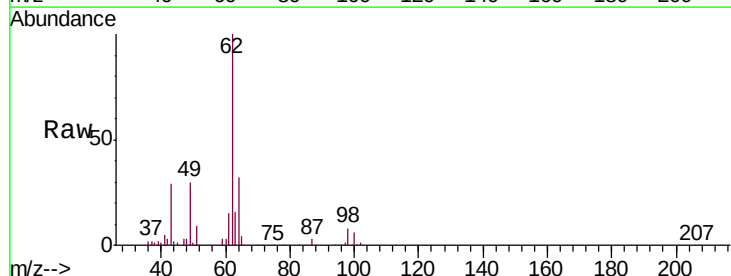
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 50.271 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

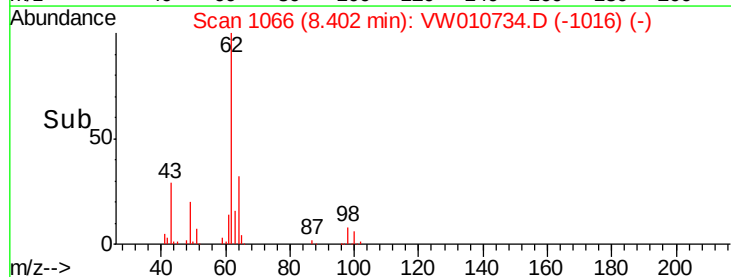
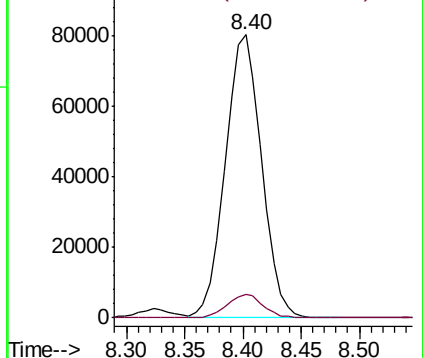
Tgt Ion:	62	Resp:	173030
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2

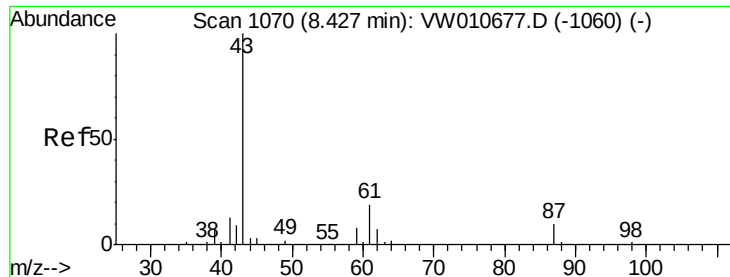


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 48.092 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

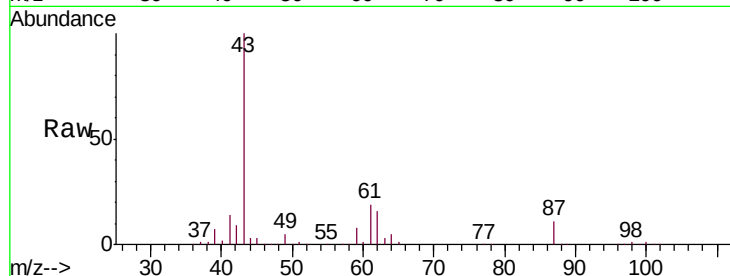
Tgt Ion: 43 Resp: 204671

Ion Ratio Lower Upper

43 100

61 26.3 21.2 31.8

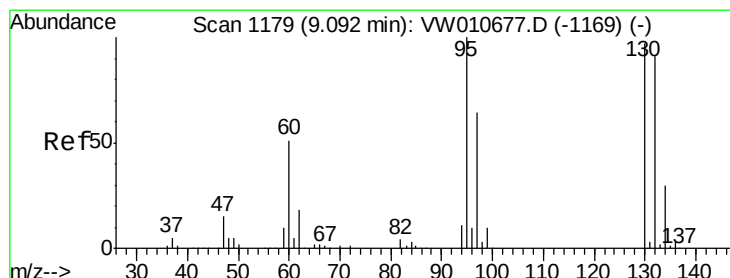
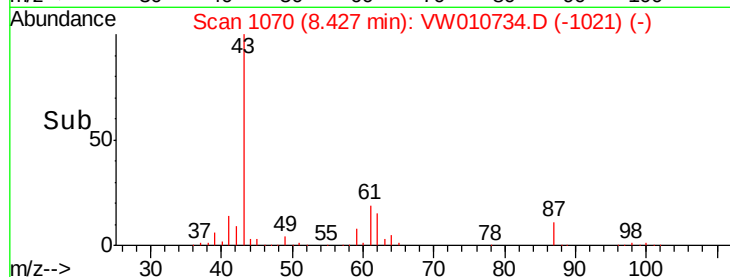
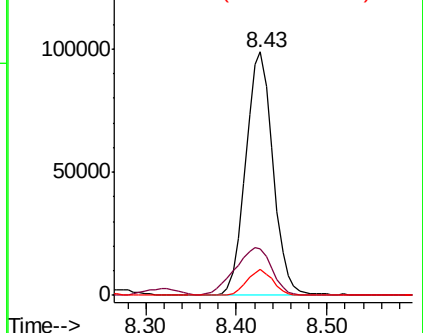
87 10.3 8.3 12.5



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: 49.661 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010734.D

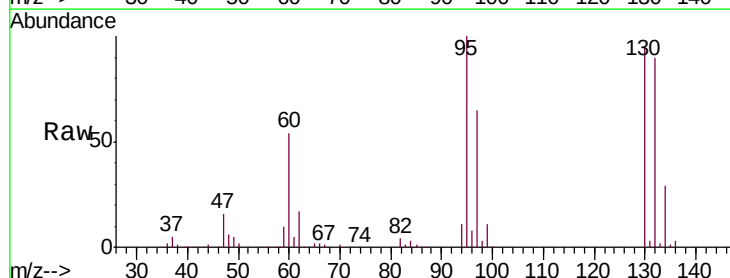
Acq: 07 Jun 2019 17:35

Tgt Ion: 130 Resp: 132850

Ion Ratio Lower Upper

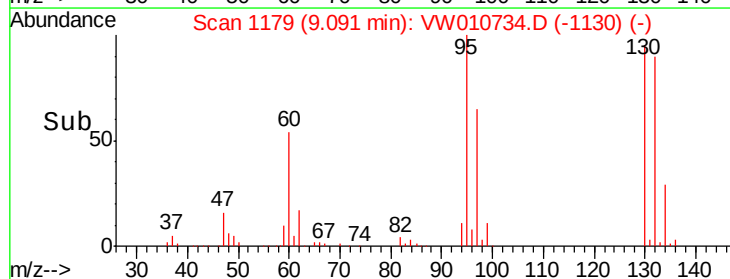
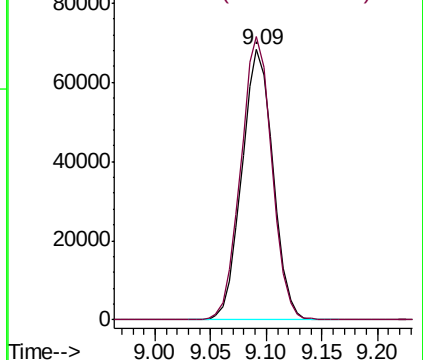
130 100

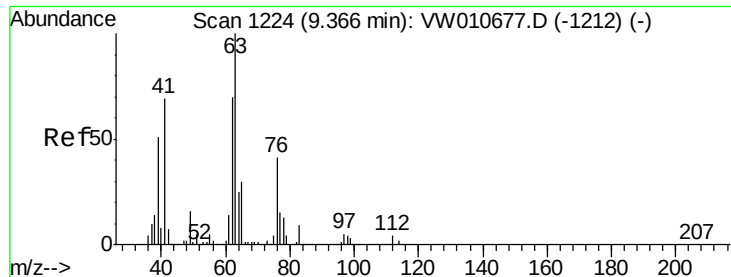
95 104.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

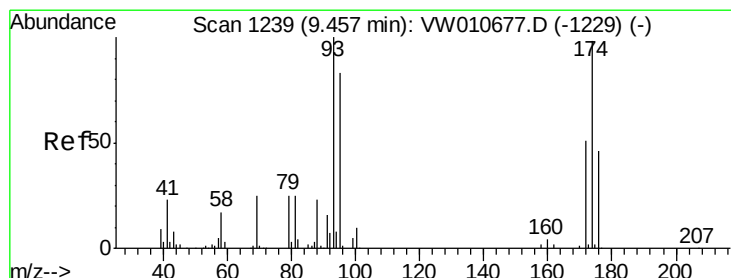
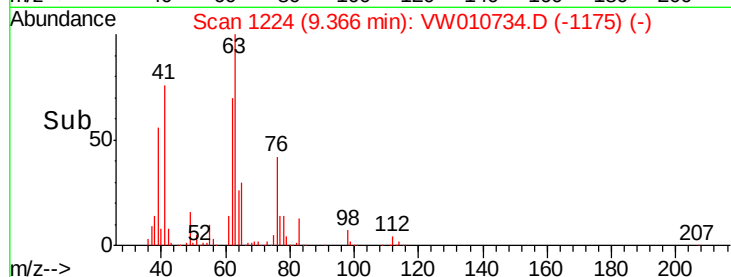
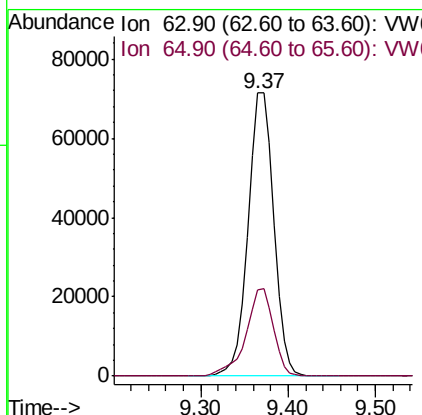
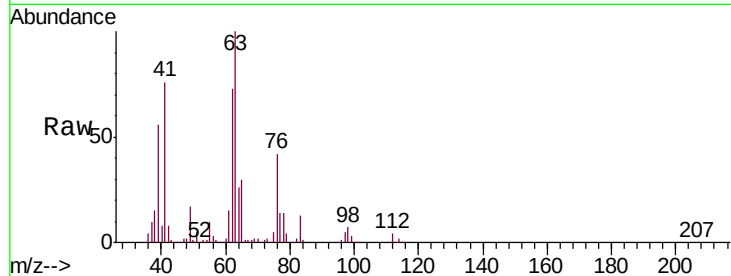




#45
 1,2-Dichloropropane
 Concen: 50.712 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

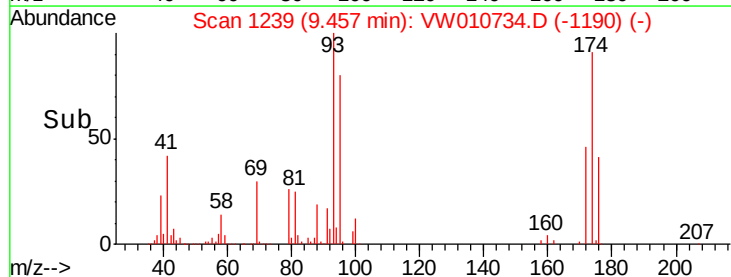
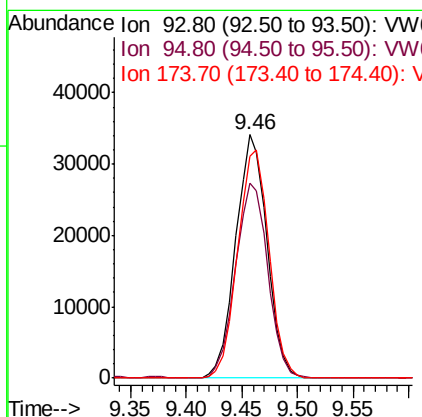
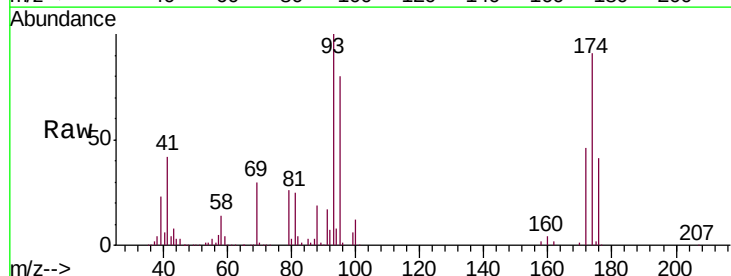
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

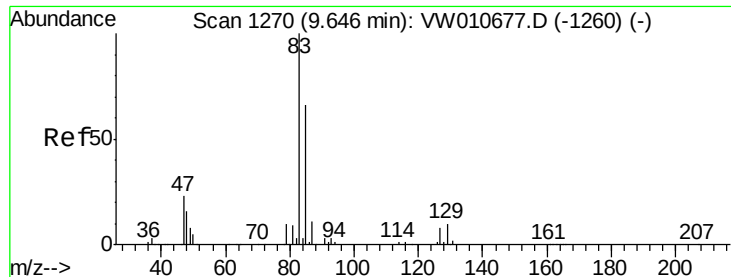
Tgt Ion: 63 Resp: 145582
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.8 35.6



#46
 Dibromomethane
 Concen: 49.699 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 93 Resp: 66269
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.8
 174 94.5 77.4 116.0

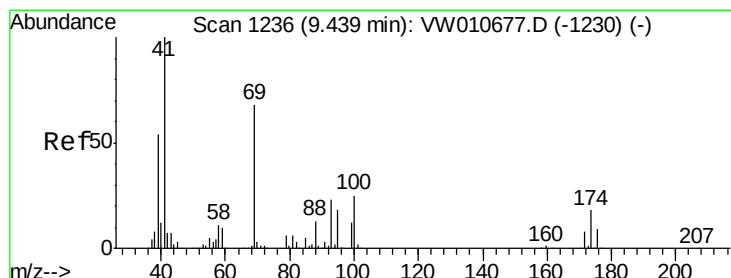
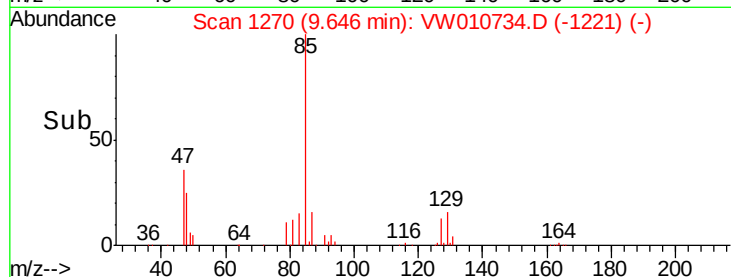
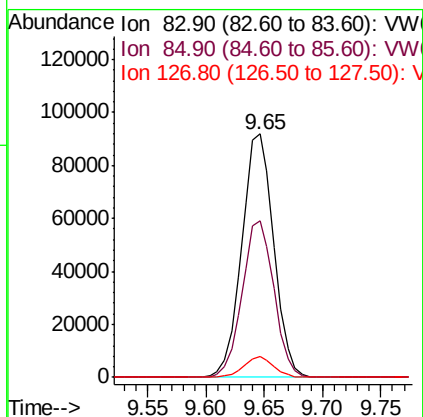
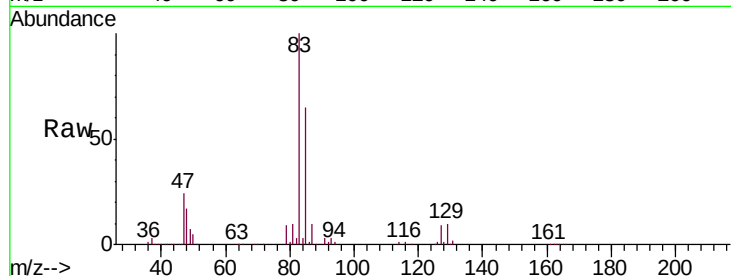




#47
Bromodichloromethane
Concen: 50.894 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

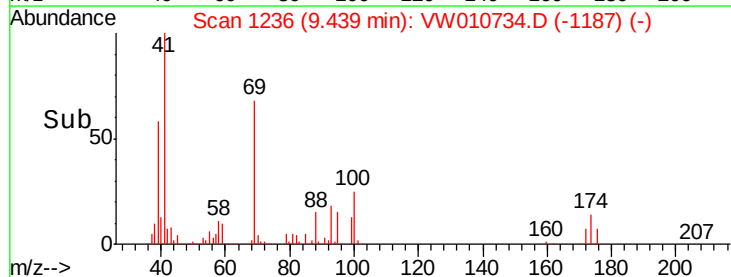
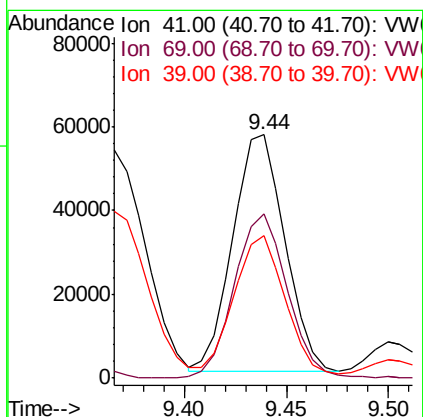
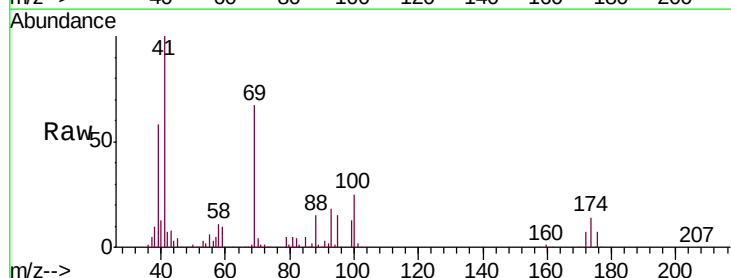
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

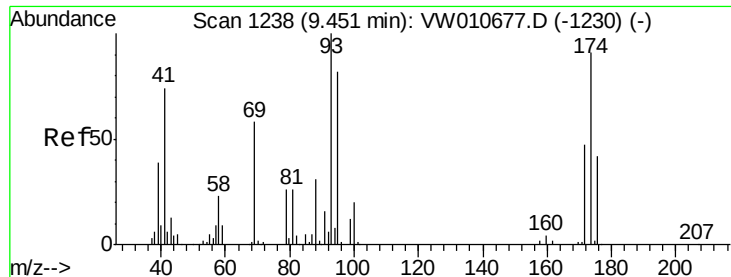
Tgt Ion: 83 Resp: 175909
Ion Ratio Lower Upper
83 100
85 64.5 53.0 79.4
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 49.014 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 41 Resp: 100573
Ion Ratio Lower Upper
41 100
69 70.0 56.6 85.0
39 56.1 44.4 66.6

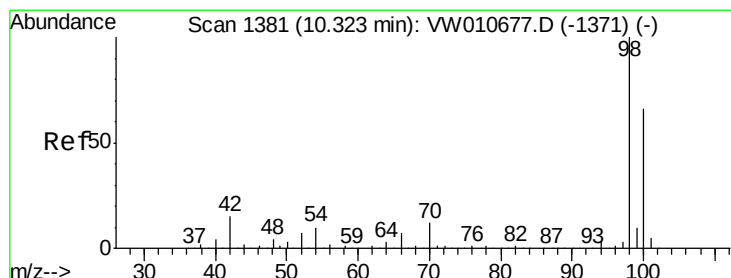
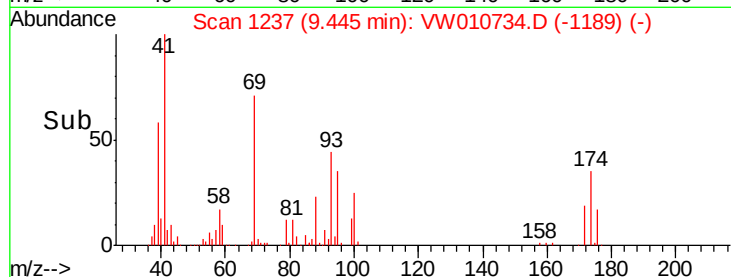
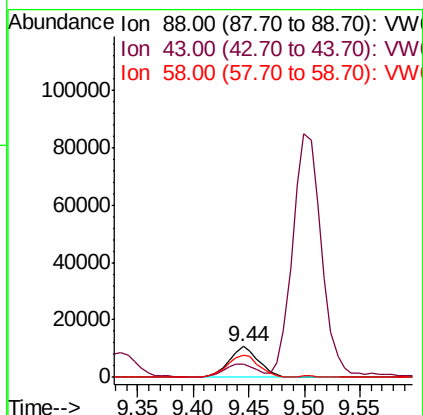
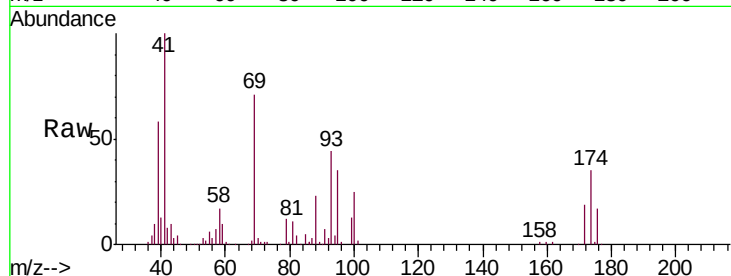




#49
1,4-Dioxane
Concen: 946.322 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

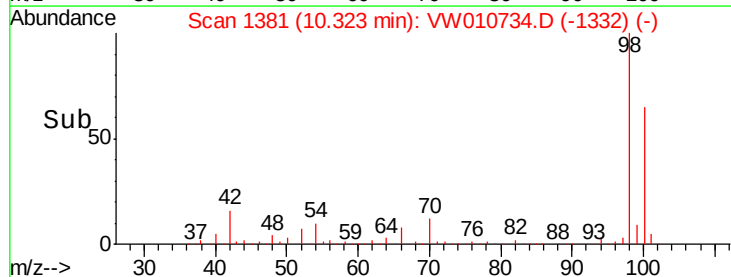
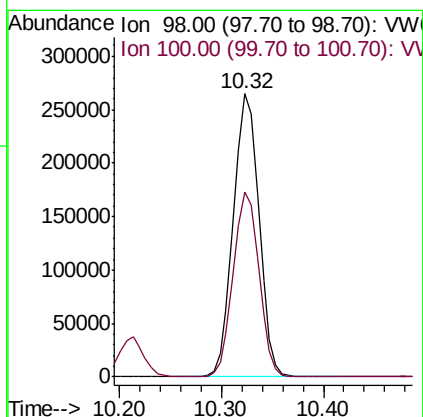
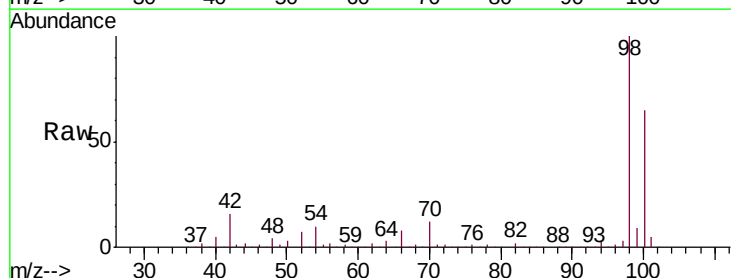
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

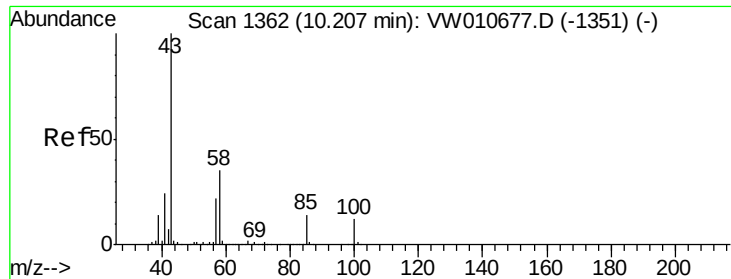
Tgt Ion: 88 Resp: 19728
Ion Ratio Lower Upper
88 100
43 43.3 34.2 51.4
58 77.3 69.0 103.4



#50
Toluene-d8
Concen: 49.902 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 98 Resp: 461272
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6

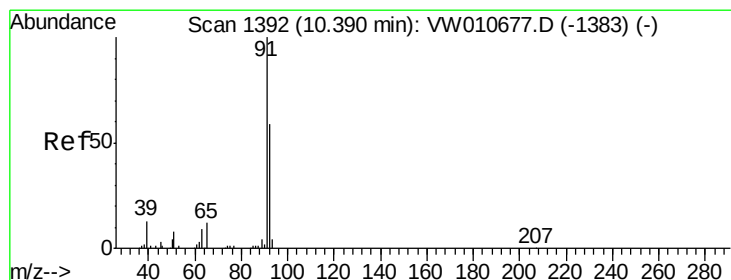
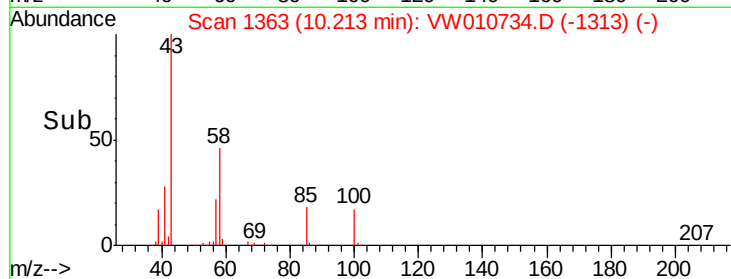
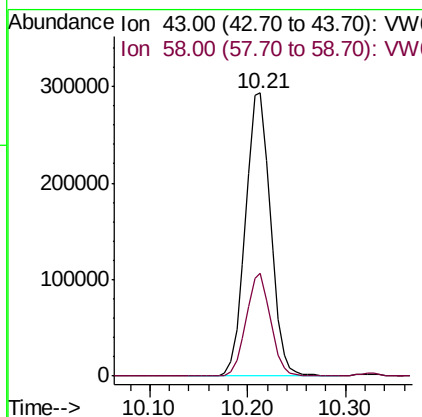
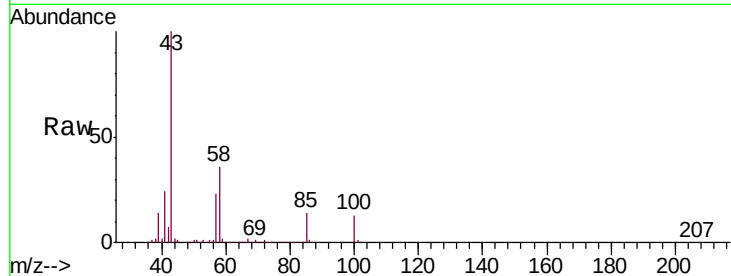




#51
 4-Methyl-2-Pentanone
 Concen: 240.675 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

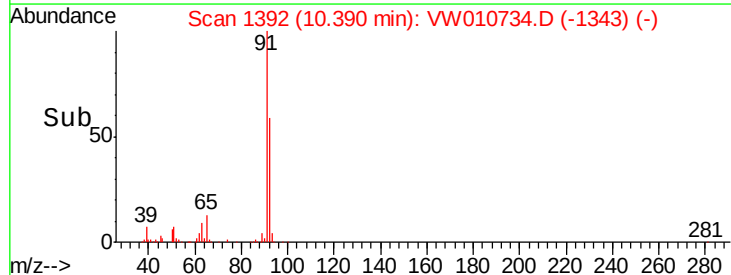
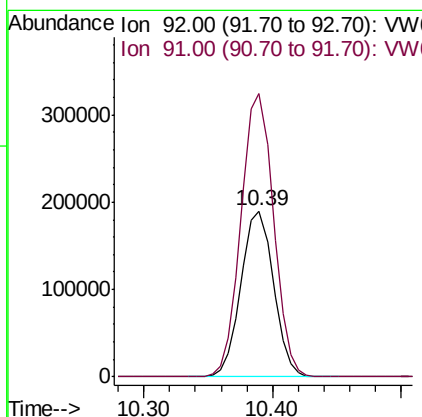
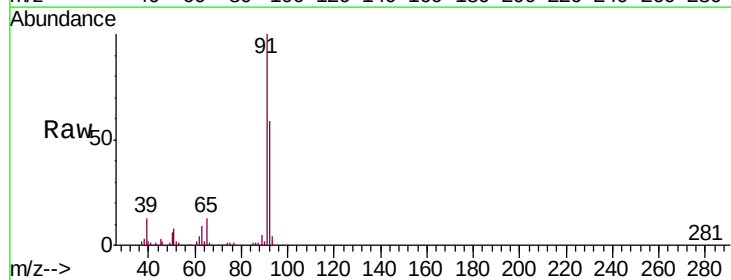
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

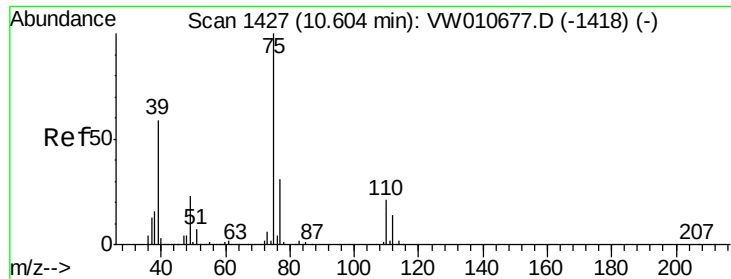
Tgt Ion: 43 Resp: 523269
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.4 42.6



#52
 Toluene
 Concen: 50.017 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 92 Resp: 333743
 Ion Ratio Lower Upper
 92 100
 91 170.4 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 50.154 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

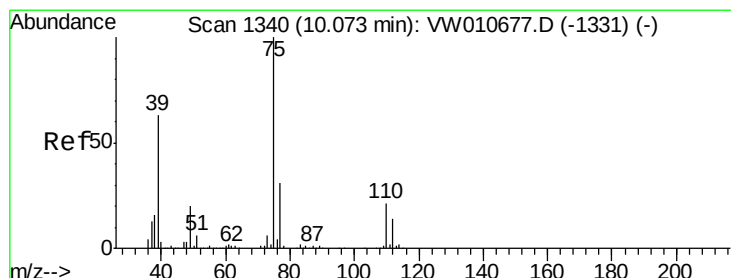
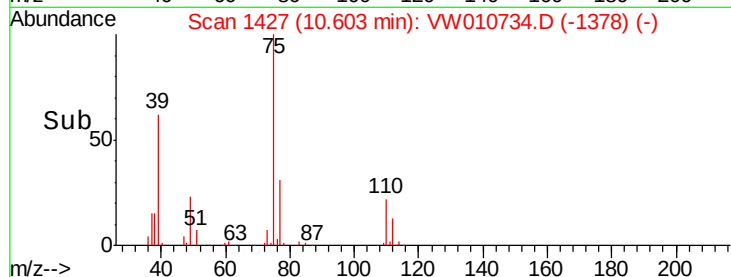
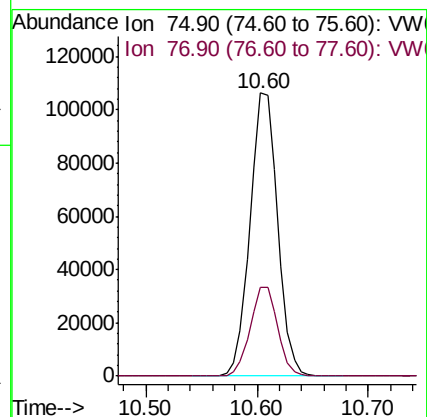
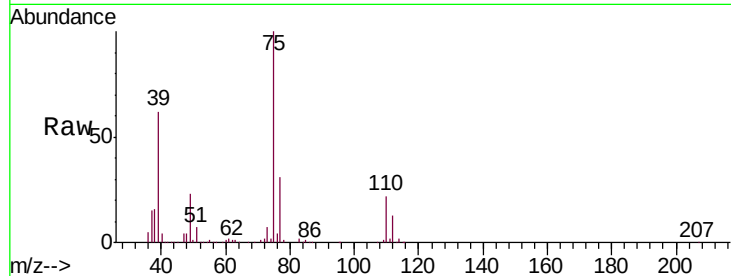
VSTDCCC050EC

Tgt Ion: 75 Resp: 183612

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 50.912 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

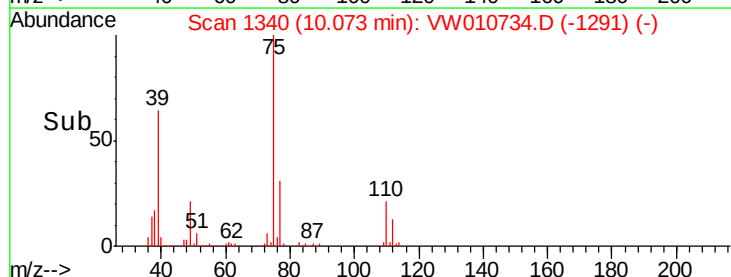
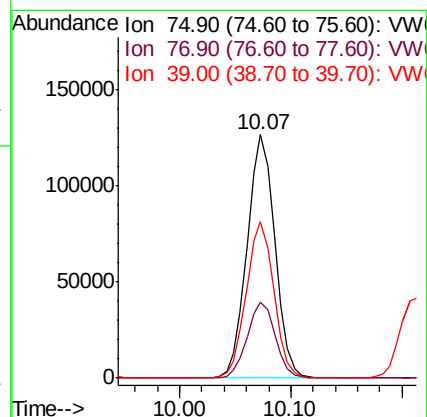
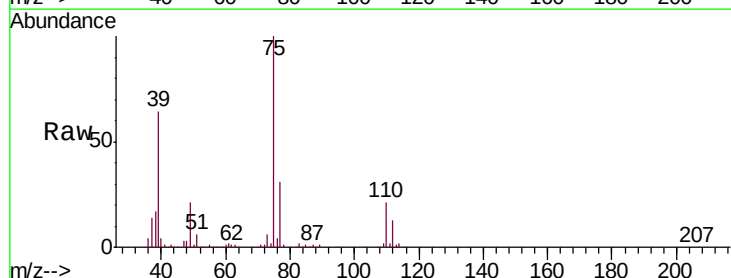
Tgt Ion: 75 Resp: 219327

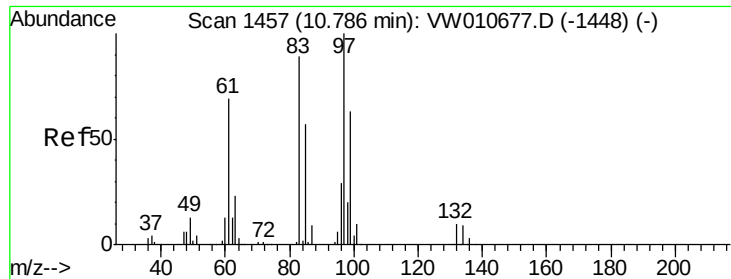
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 64.1 50.1 75.1

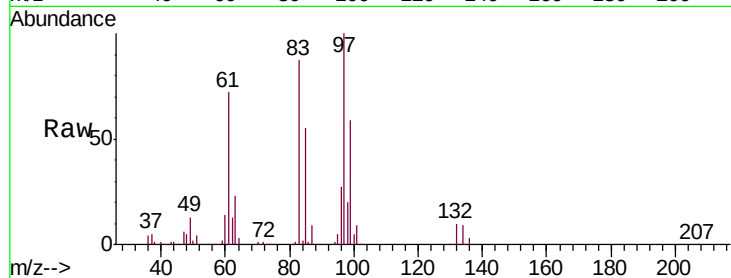




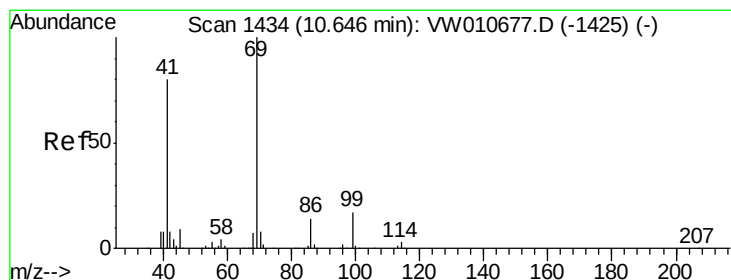
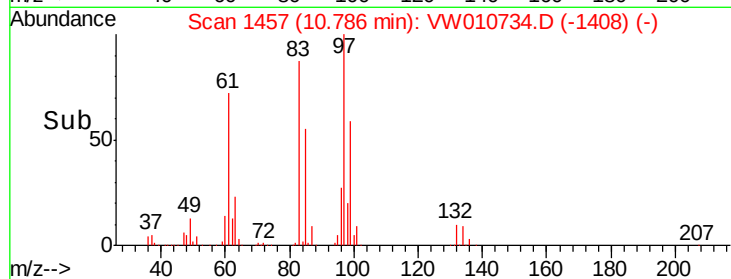
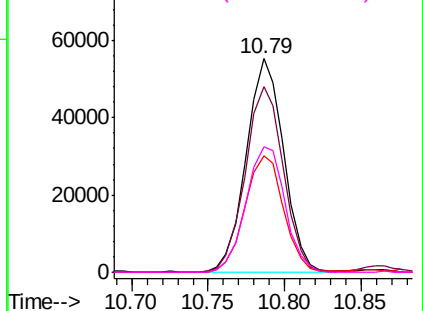
#55
 1,1,2-Trichloroethane
 Concen: 49.110 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 94334
 Ion Ratio Lower Upper
 97 100
 83 86.7 71.1 106.7
 85 54.8 45.2 67.8
 99 58.8 50.0 75.0

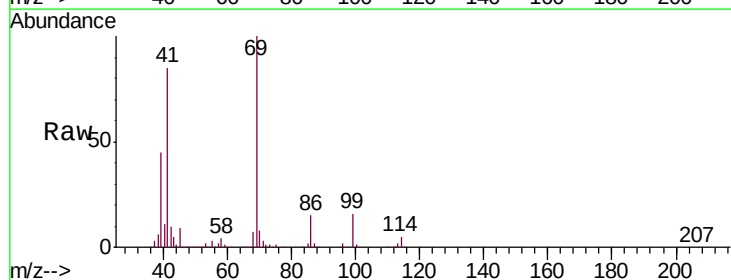


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

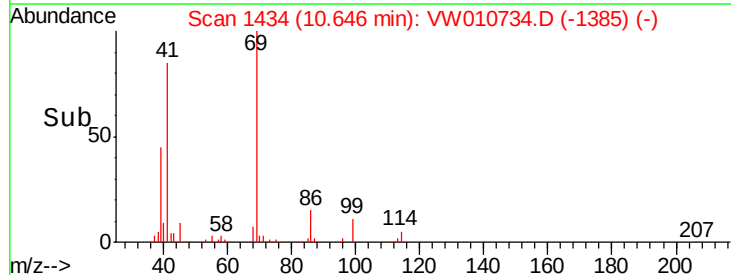
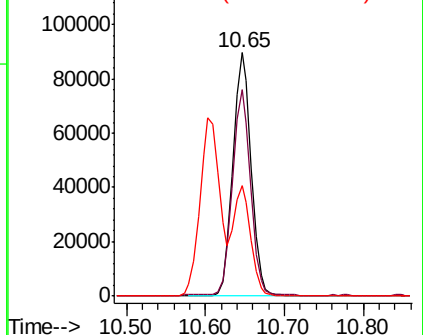


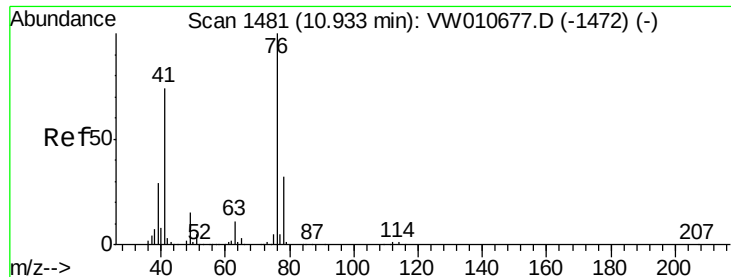
#56
 Ethyl methacrylate
 Concen: 49.047 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 69 Resp: 144971
 Ion Ratio Lower Upper
 69 100
 41 83.3 64.8 97.2
 39 42.6 32.2 48.2



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

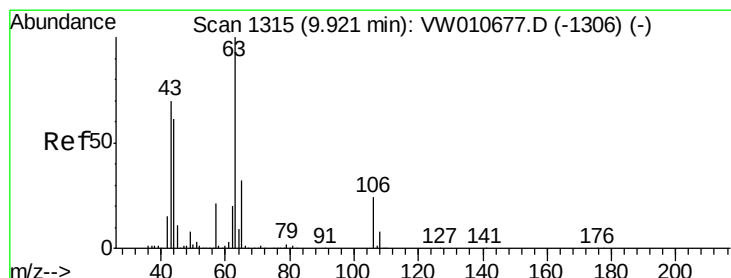
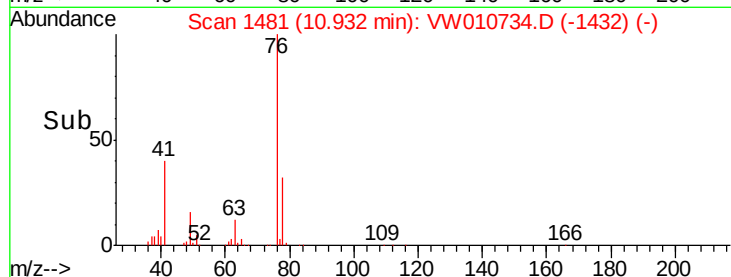
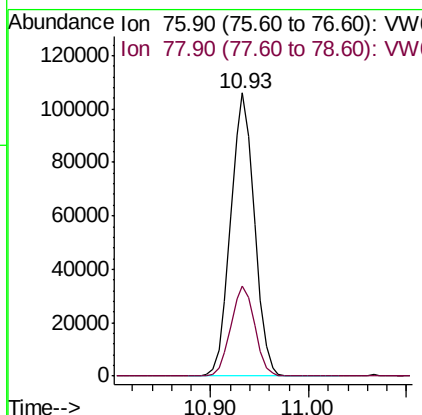
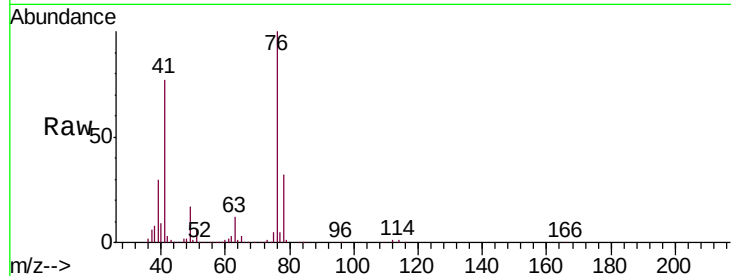




#57
 1,3-Dichloropropane
 Concen: 49.346 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

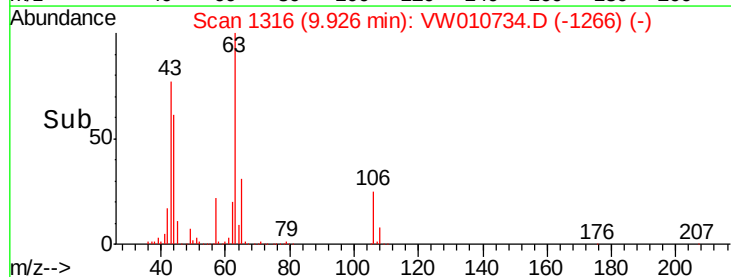
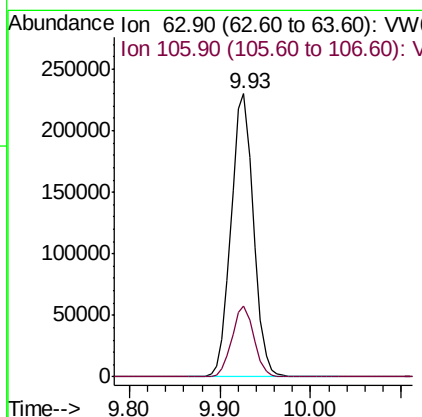
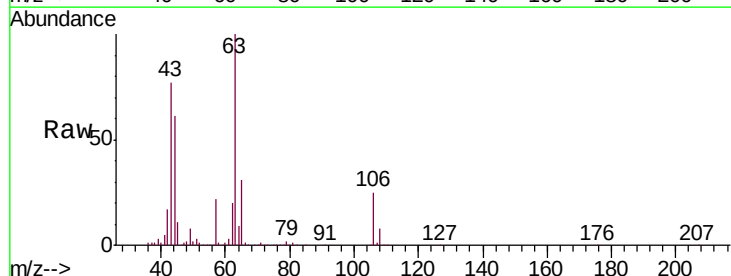
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

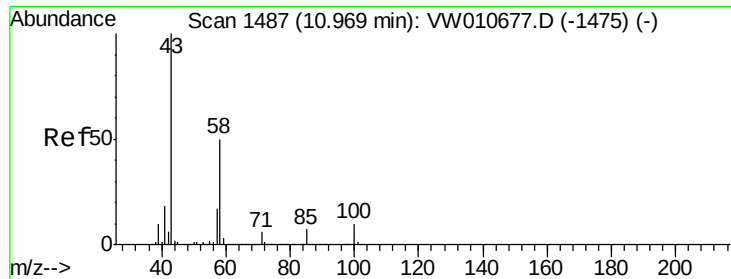
Tgt Ion: 76 Resp: 178633
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.079 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 63 Resp: 393354
 Ion Ratio Lower Upper
 63 100
 106 24.7 20.1 30.1

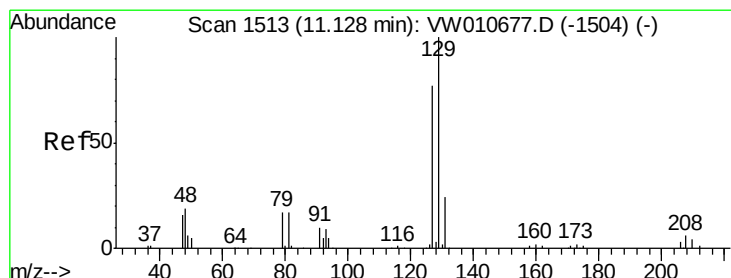
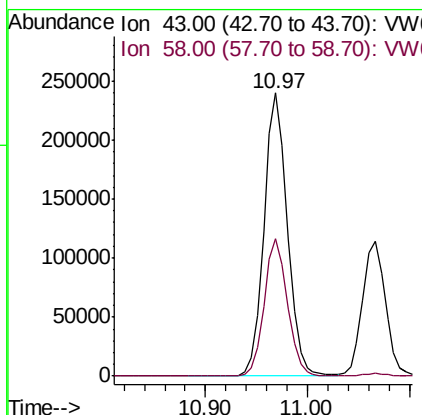
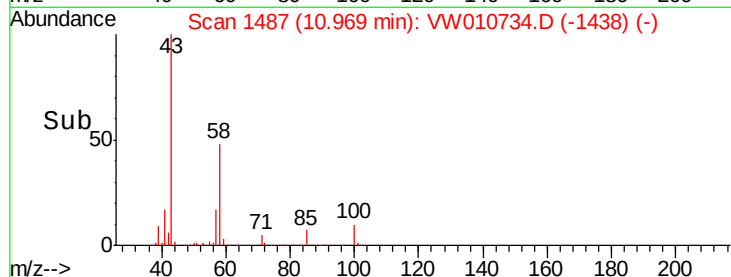
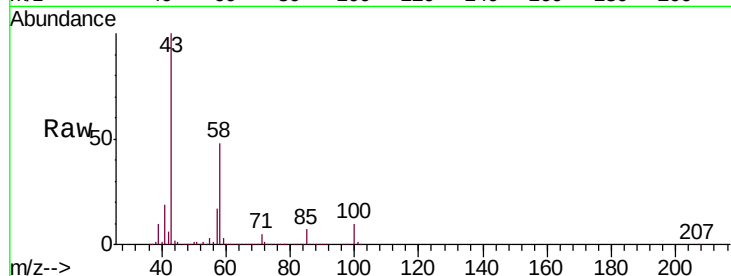




#59
2-Hexanone
Concen: 242.766 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

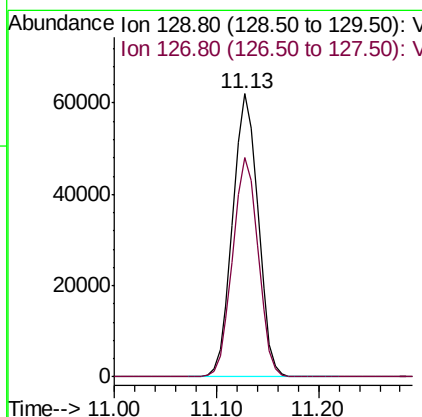
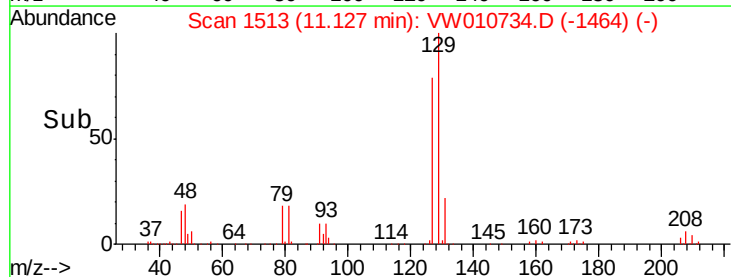
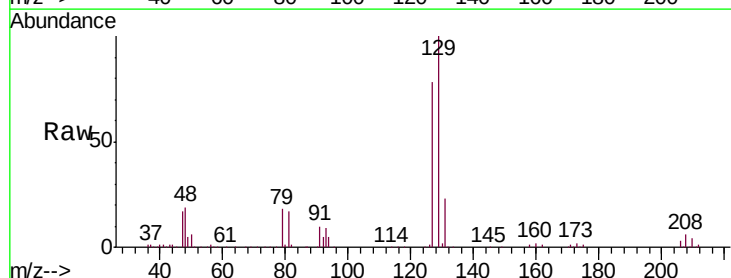
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

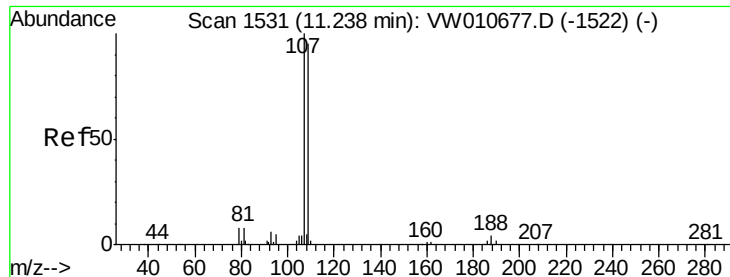
Tgt Ion: 43 Resp: 381464
Ion Ratio Lower Upper
43 100
58 48.5 24.9 74.6



#60
Dibromochloromethane
Concen: 50.325 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 129 Resp: 107160
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.432 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

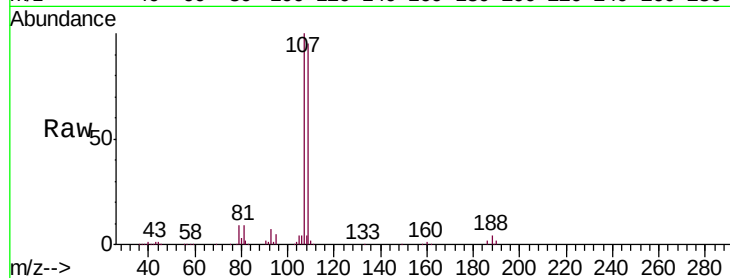
VSTDCCC050EC

Tgt Ion: 107 Resp: 88145

Ion Ratio Lower Upper

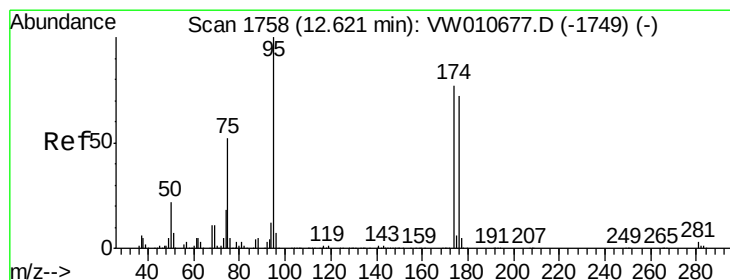
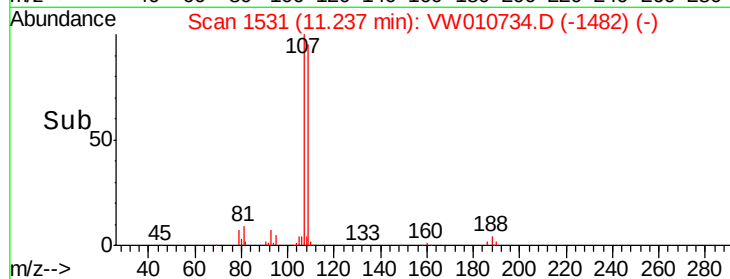
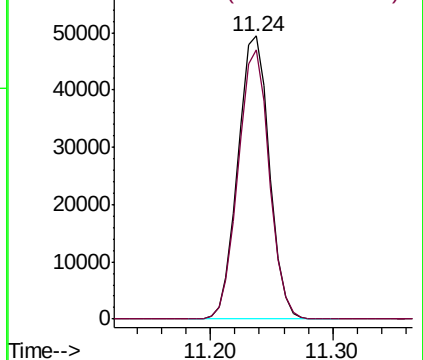
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.223 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

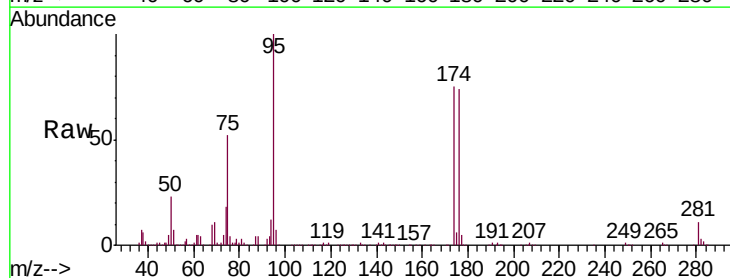
Tgt Ion: 95 Resp: 172293

Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.4

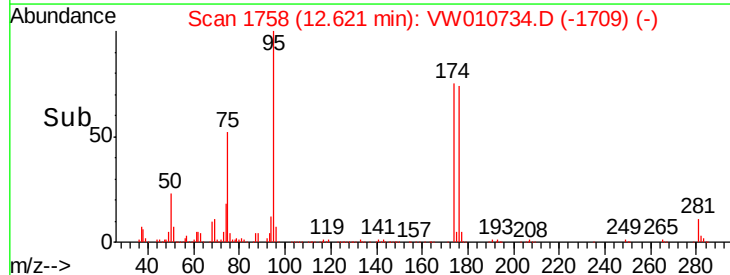
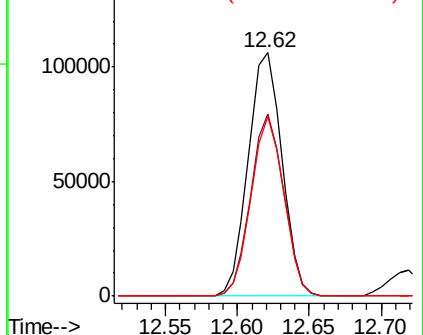
176 71.4 0.0 144.8

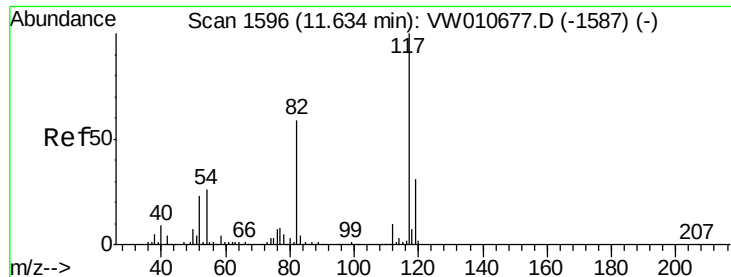


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

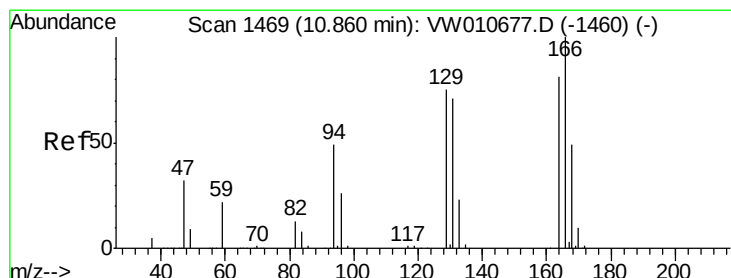
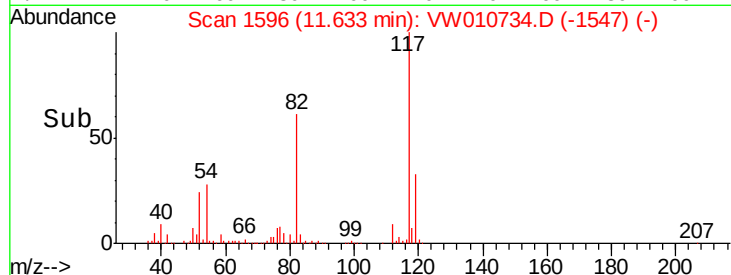
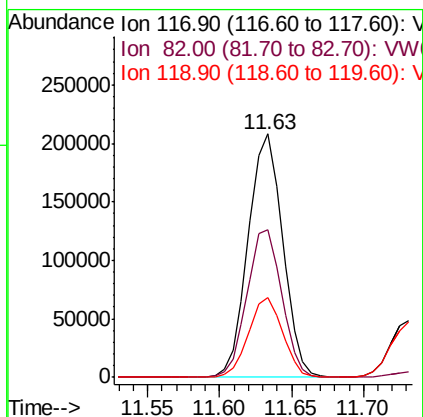
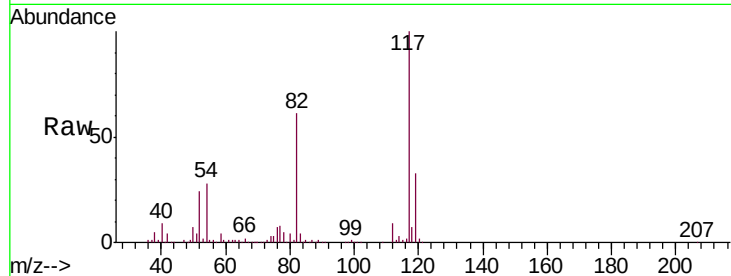




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

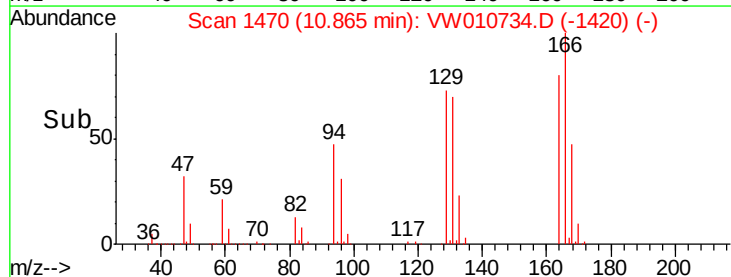
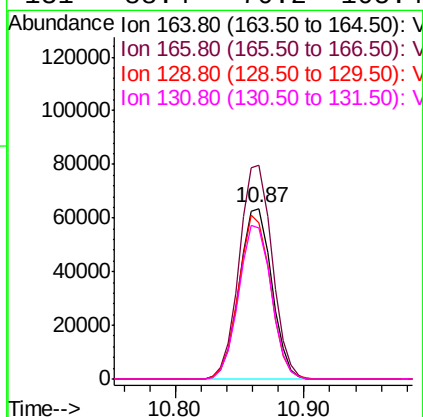
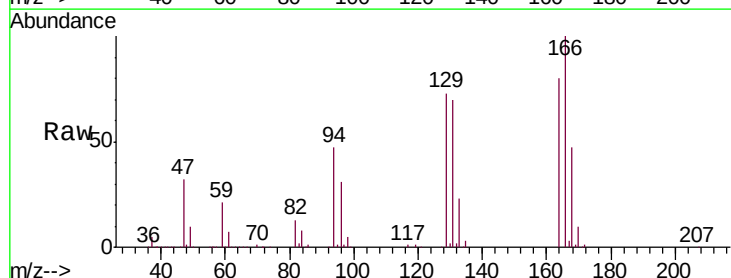
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

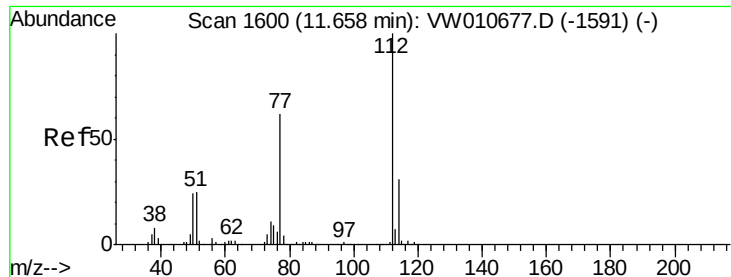
Tgt Ion:117 Resp: 345524
Ion Ratio Lower Upper
117 100
82 60.6 47.0 70.4
119 32.5 25.1 37.7



#64
Tetrachloroethene
Concen: 48.439 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion:164 Resp: 111126
Ion Ratio Lower Upper
164 100
166 125.4 99.2 148.8
129 91.8 74.6 112.0
131 88.4 70.2 105.4

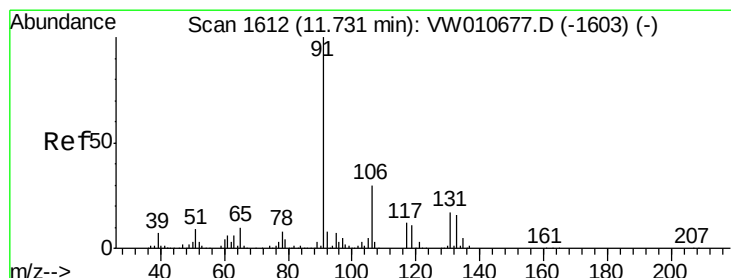
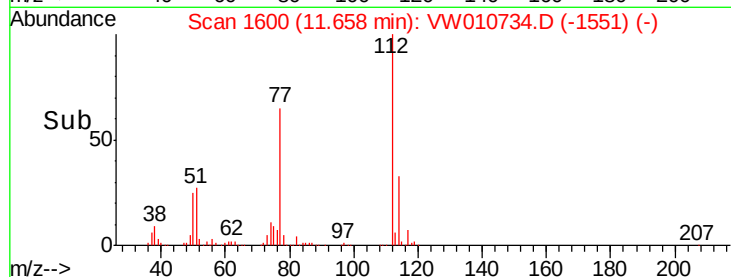
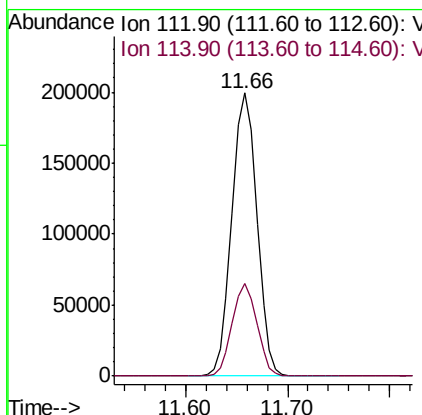
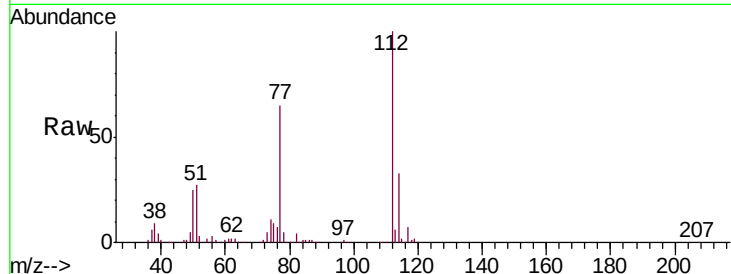




#65
Chlorobenzene
Concen: 49.866 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

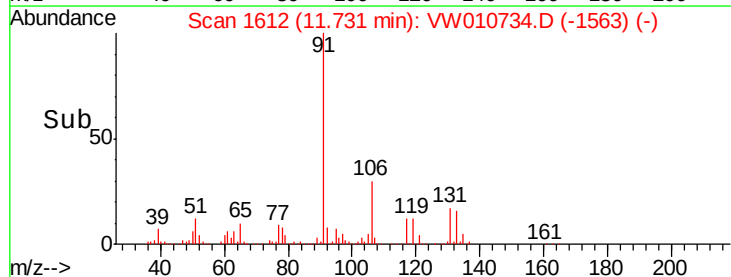
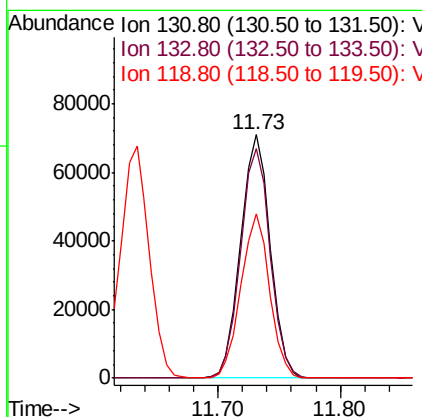
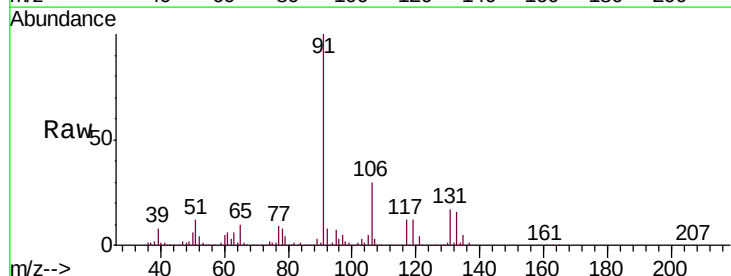
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

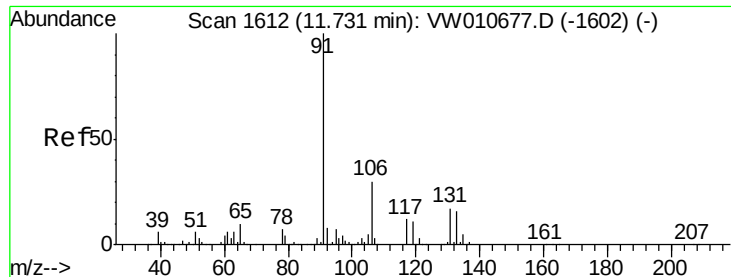
Tgt Ion:112 Resp: 338824
Ion Ratio Lower Upper
112 100
114 32.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.427 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion:131 Resp: 118609
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 65.8 32.4 97.0

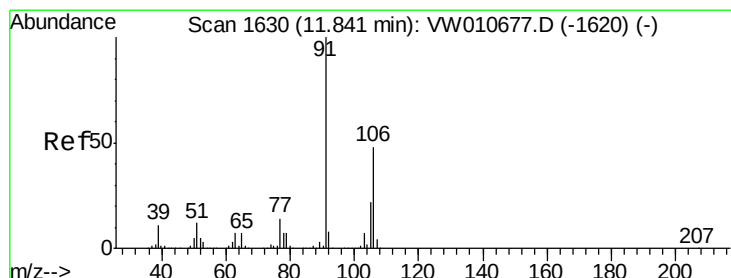
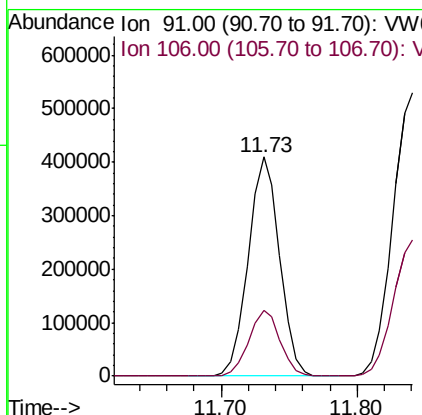
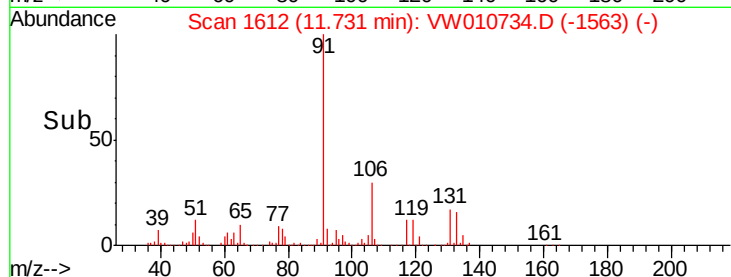
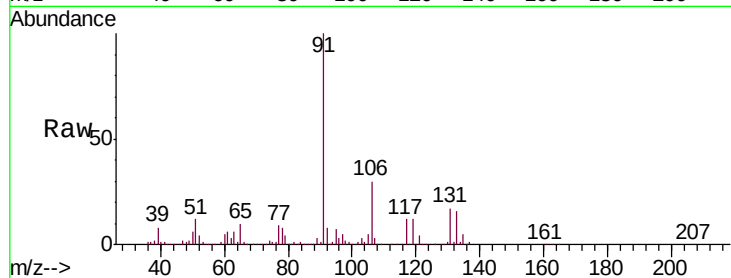




#67
Ethyl Benzene
Concen: 50.467 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

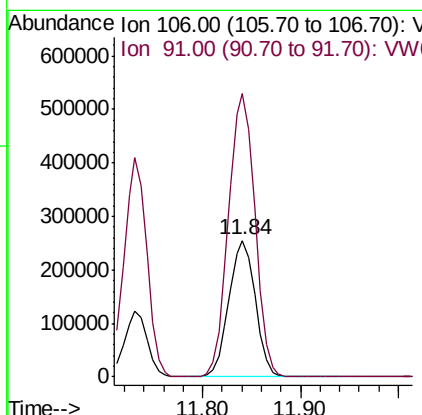
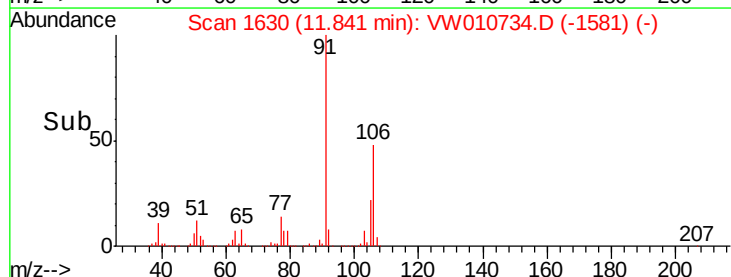
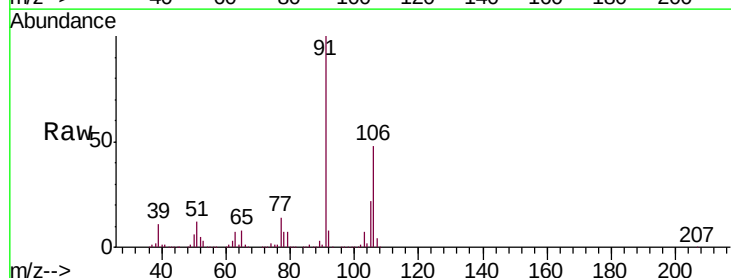
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

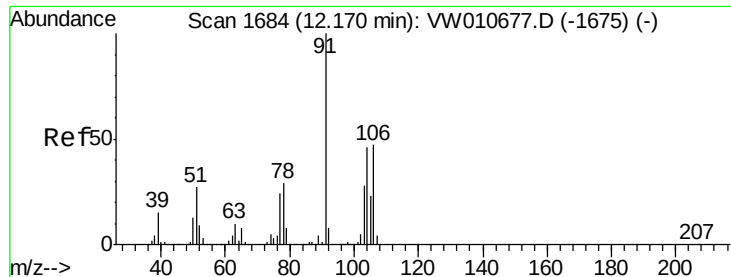
Tgt Ion: 91 Resp: 659018
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4



#68
m/p-Xylenes
Concen: 101.890 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 106 Resp: 476288
Ion Ratio Lower Upper
106 100
91 209.0 166.5 249.7

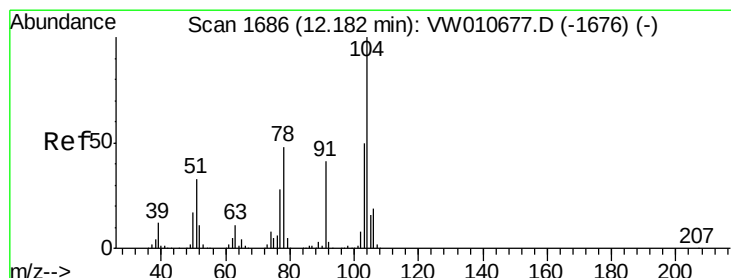
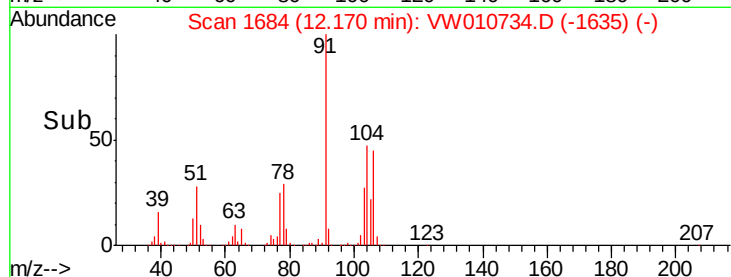
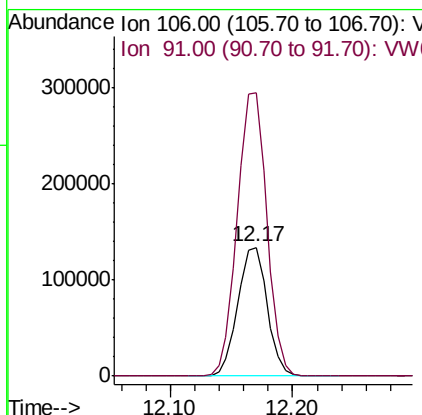
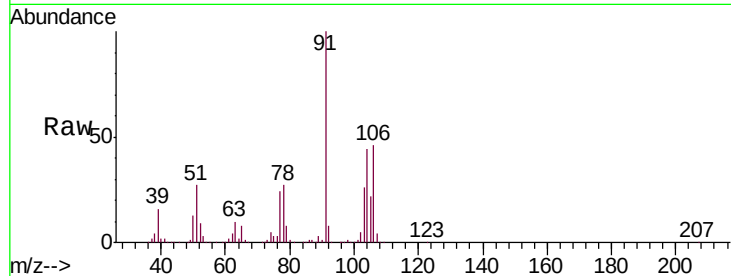




#69
o-Xylene
Concen: 50.370 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

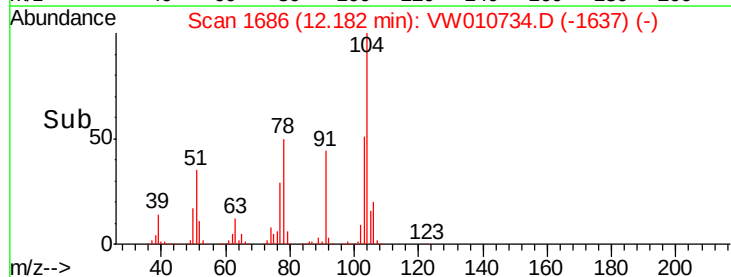
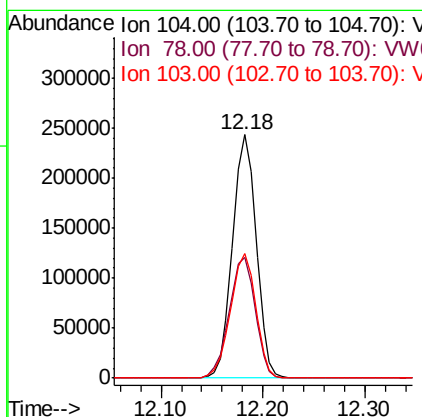
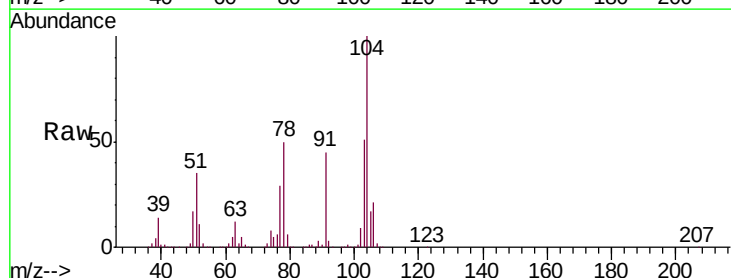
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

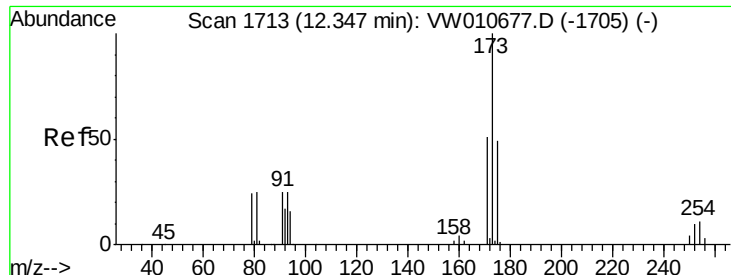
Tgt Ion:106 Resp: 223313
Ion Ratio Lower Upper
106 100
91 221.8 108.9 326.6



#70
Styrene
Concen: 50.784 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion:104 Resp: 391115
Ion Ratio Lower Upper
104 100
78 54.5 42.7 64.1
103 54.6 43.6 65.4





#71

Bromoform

Concen: 48.429 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

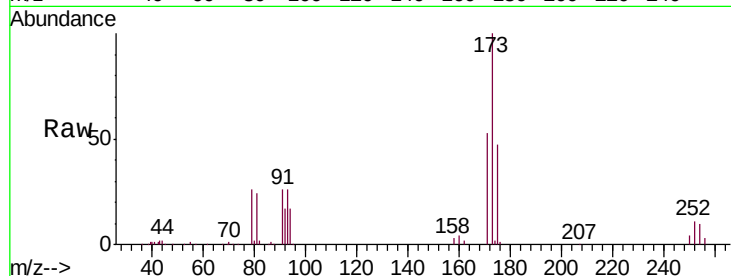
Tgt Ion:173 Resp: 58912

Ion Ratio Lower Upper

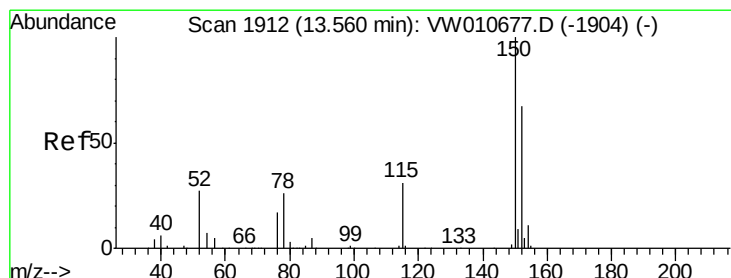
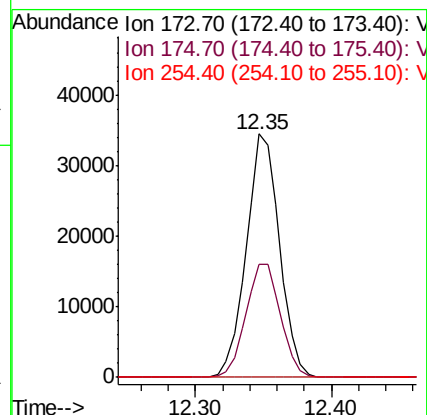
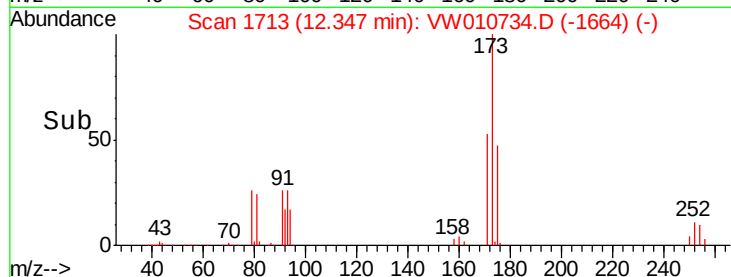
173 100

175 48.5 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

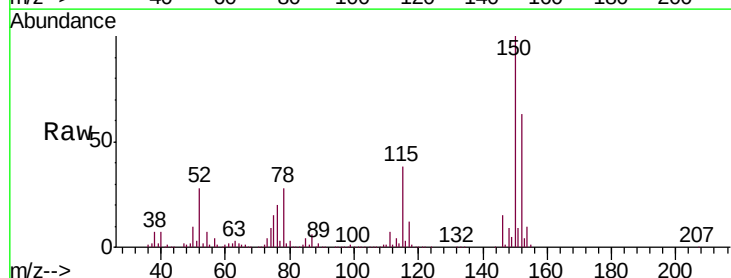
Tgt Ion:152 Resp: 168278

Ion Ratio Lower Upper

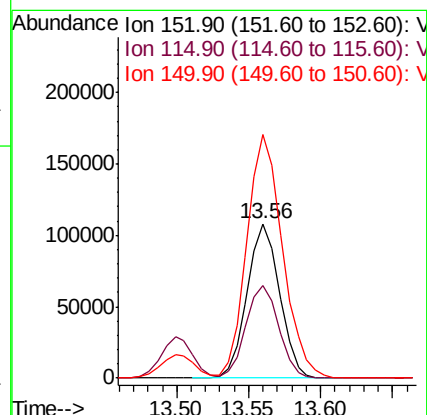
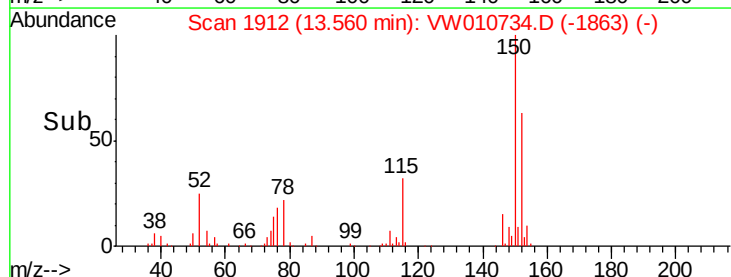
152 100

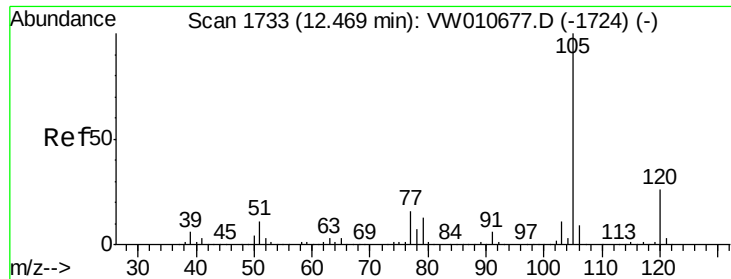
115 60.8 29.8 89.3

150 173.5 0.0 345.0



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: 49.858 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

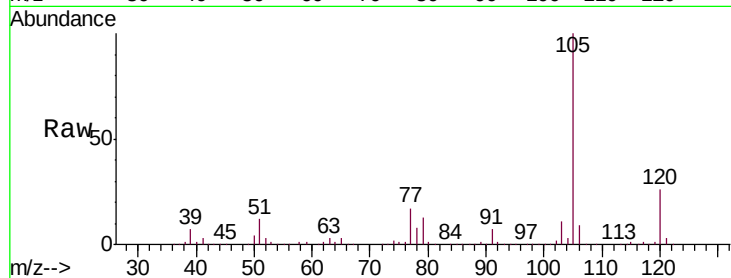
VSTDCCC050EC

Tgt Ion:105 Resp: 630471

Ion Ratio Lower Upper

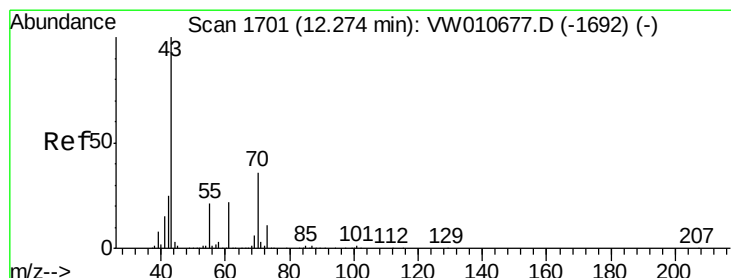
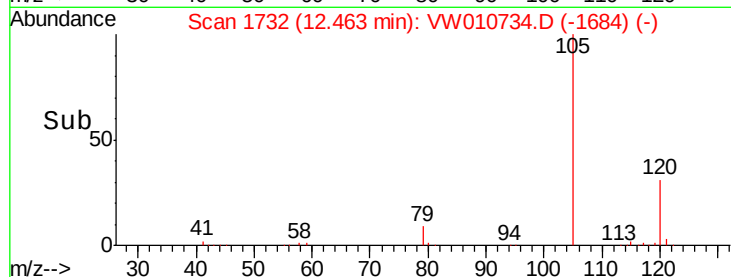
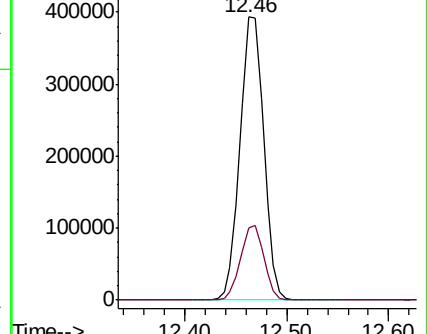
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.663 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Tgt Ion: 43 Resp: 198876

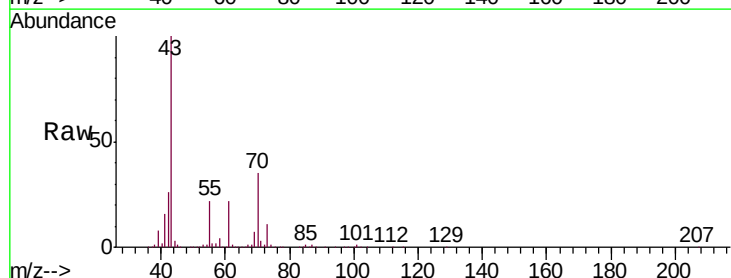
Ion Ratio Lower Upper

43 100

70 36.2 29.2 43.8

55 22.0 17.5 26.3

61 21.6 17.4 26.2

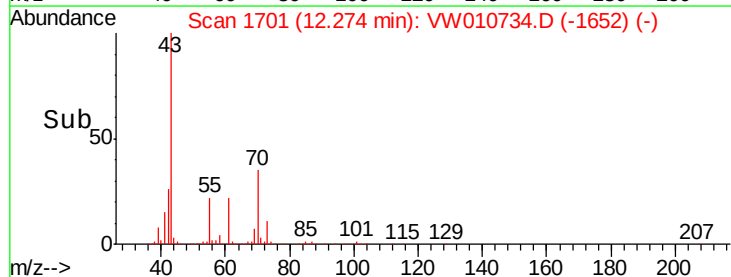
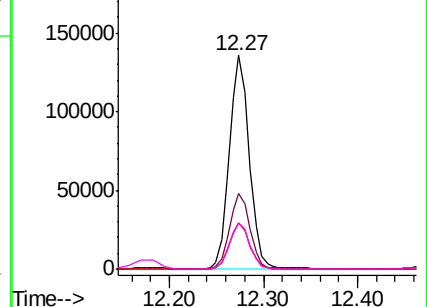


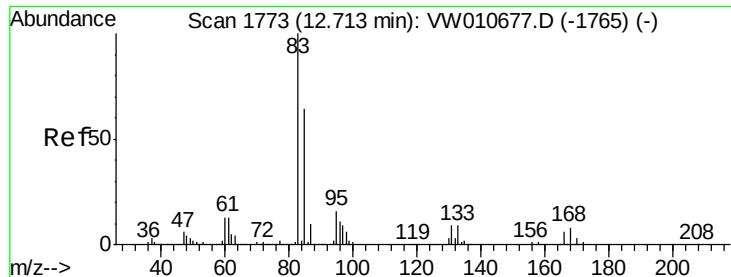
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 46.943 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

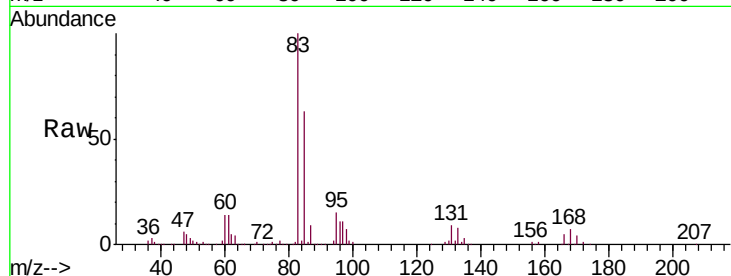
Tgt Ion: 83 Resp: 113008

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

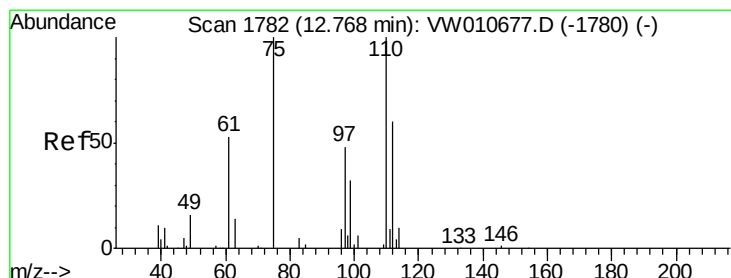
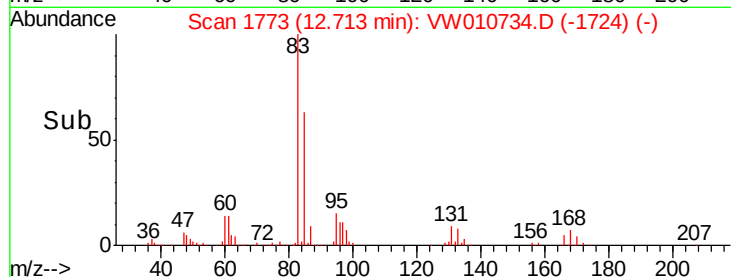
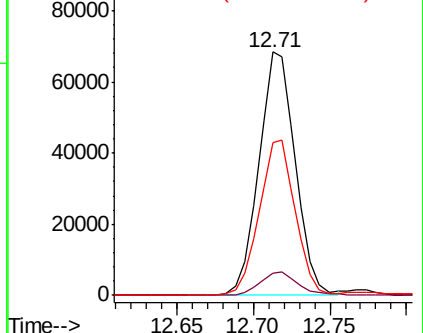
85 63.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.146 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010734.D

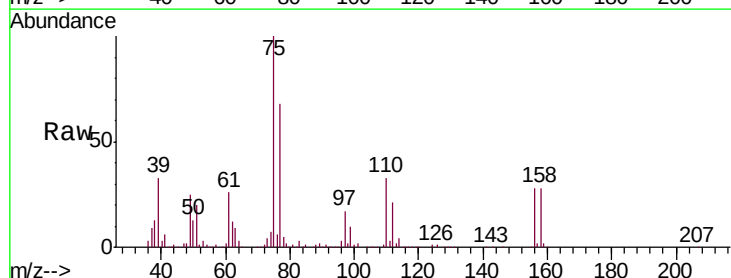
Acq: 07 Jun 2019 17:35

Tgt Ion: 75 Resp: 152232

Ion Ratio Lower Upper

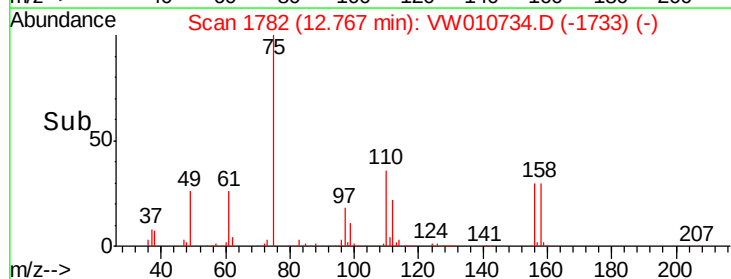
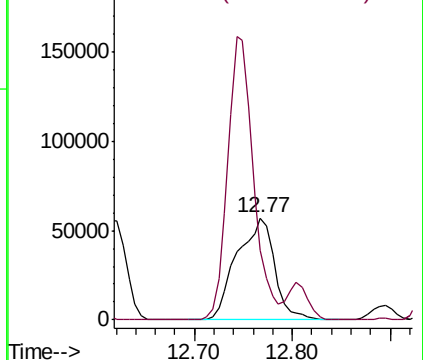
75 100

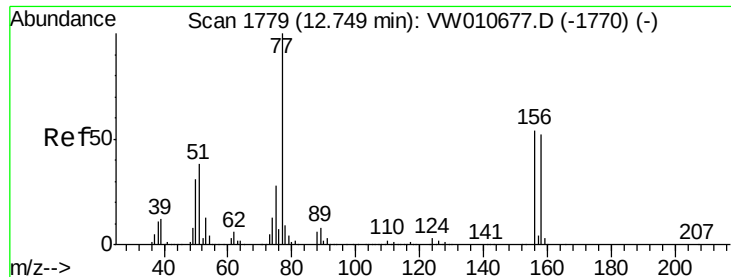
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.554 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

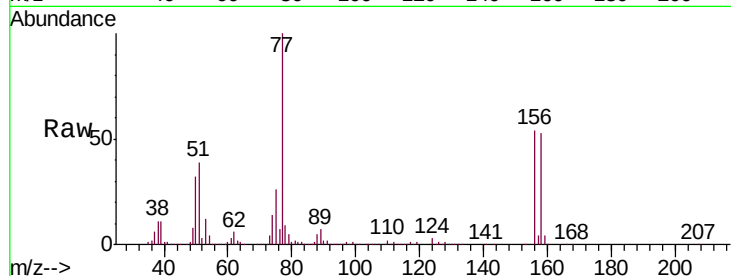
Tgt Ion:156 Resp: 136784

Ion Ratio Lower Upper

156 100

77 212.4 106.5 319.4

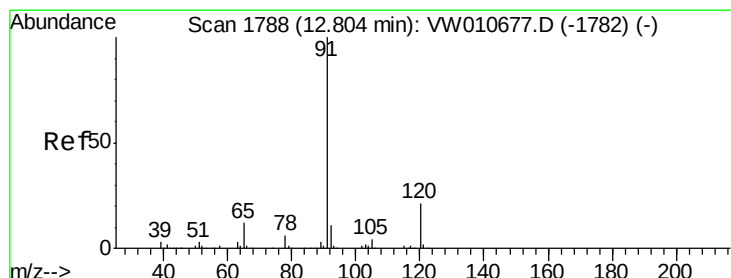
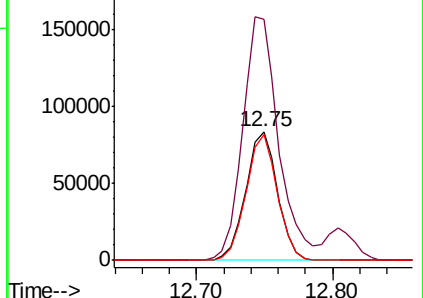
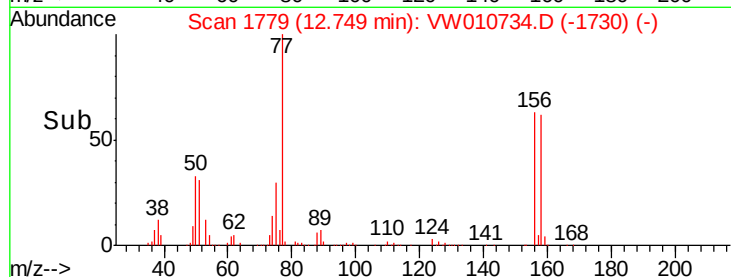
158 96.6 48.3 144.9



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: 50.584 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010734.D

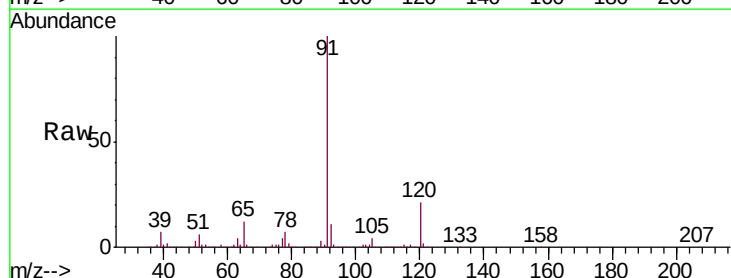
Acq: 07 Jun 2019 17:35

Tgt Ion: 91 Resp: 771296

Ion Ratio Lower Upper

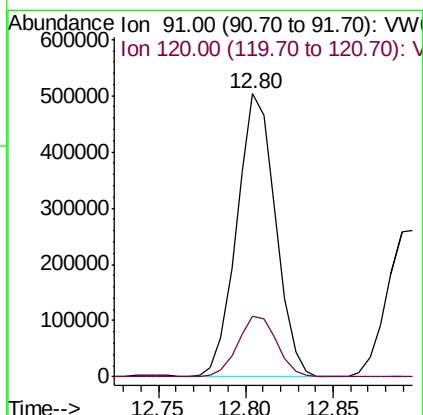
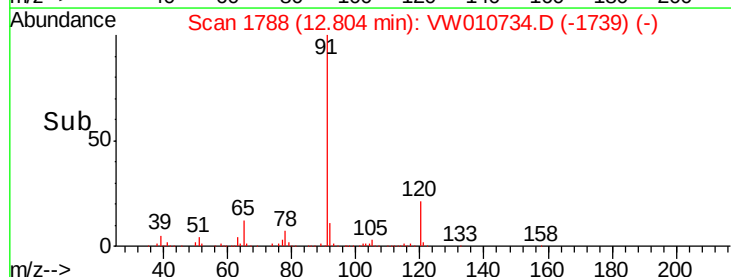
91 100

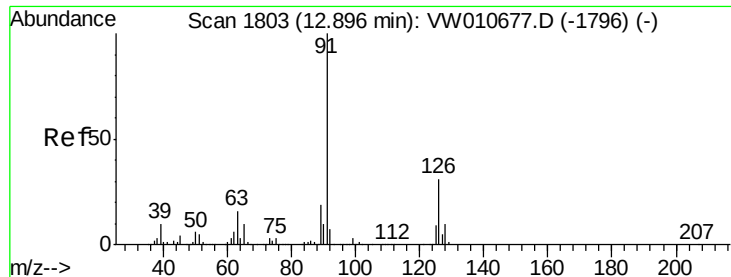
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.902 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

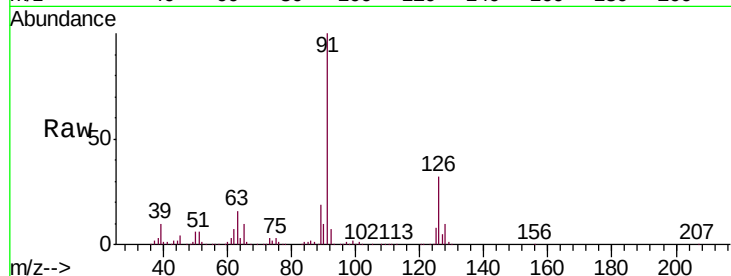
VSTDCCC050EC

Tgt Ion: 91 Resp: 434712

Ion Ratio Lower Upper

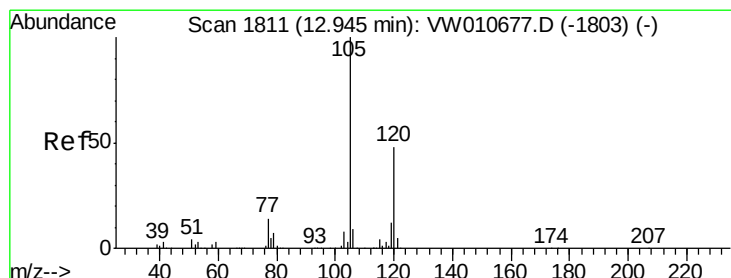
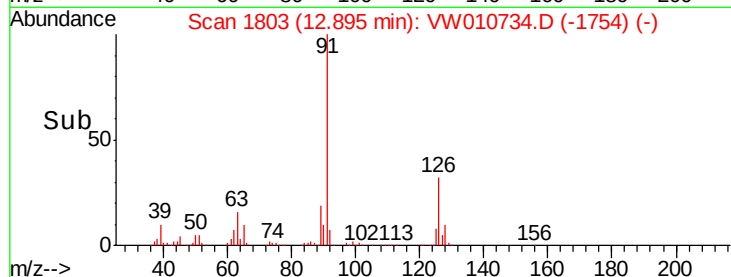
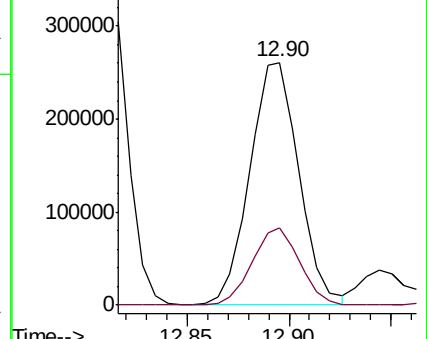
91 100

126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.338 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010734.D

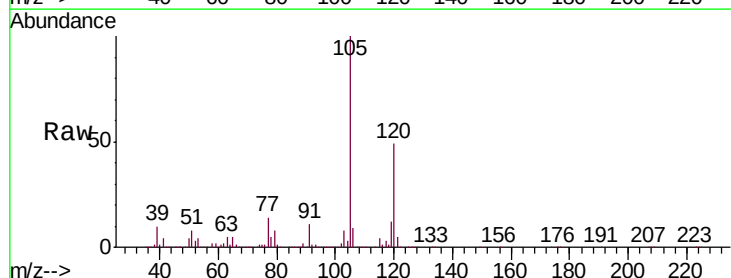
Acq: 07 Jun 2019 17:35

Tgt Ion: 105 Resp: 531373

Ion Ratio Lower Upper

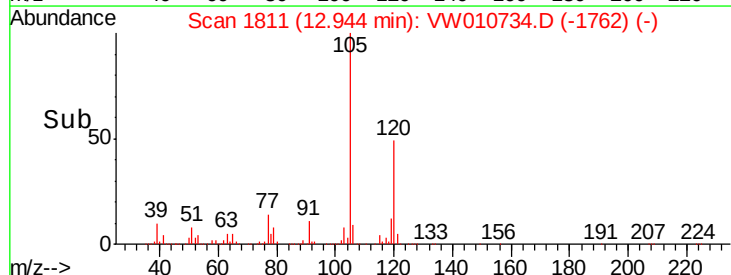
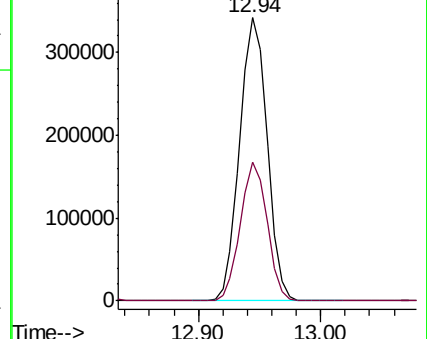
105 100

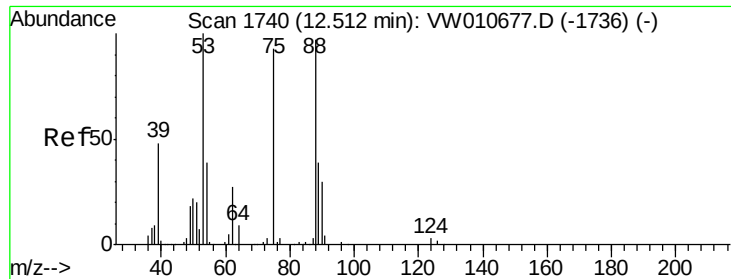
120 48.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.747 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010734.D

Acq: 07 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

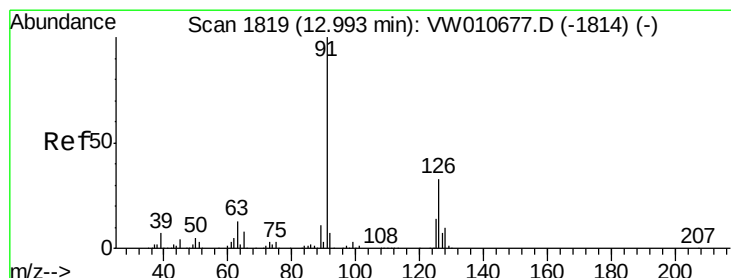
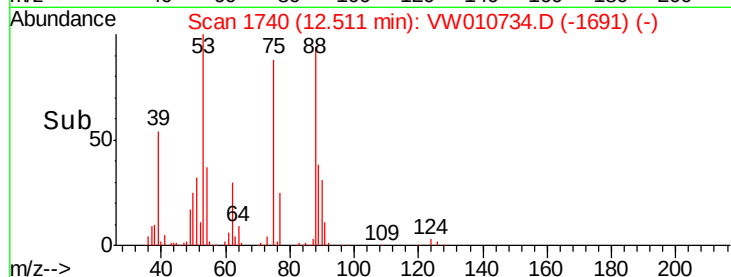
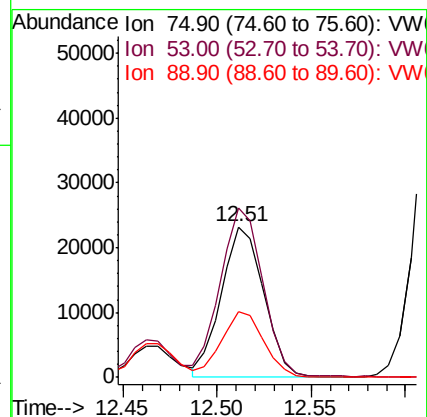
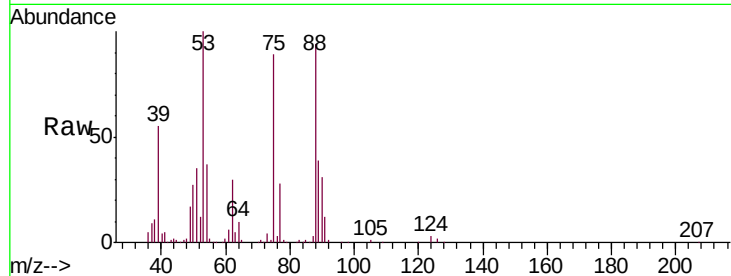
Tgt Ion: 75 Resp: 35943

Ion Ratio Lower Upper

75 100

53 115.5 90.1 135.1

89 44.2 34.6 52.0



#82

4-Chlorotoluene

Concen: 50.391 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010734.D

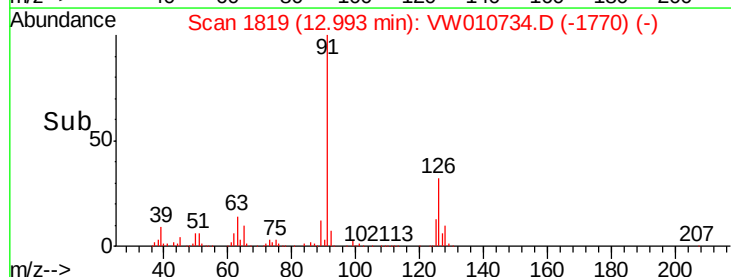
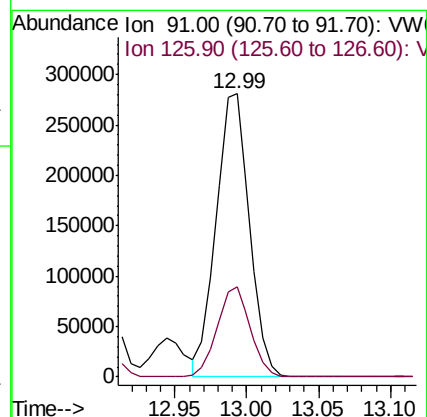
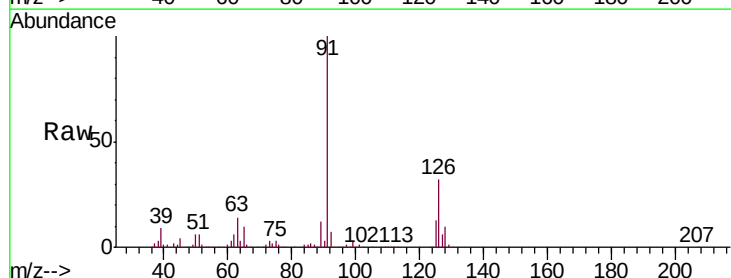
Acq: 07 Jun 2019 17:35

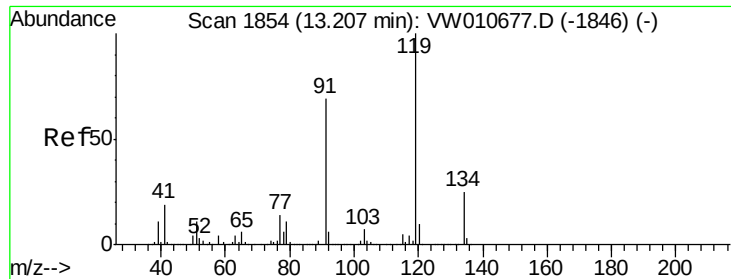
Tgt Ion: 91 Resp: 453008

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7

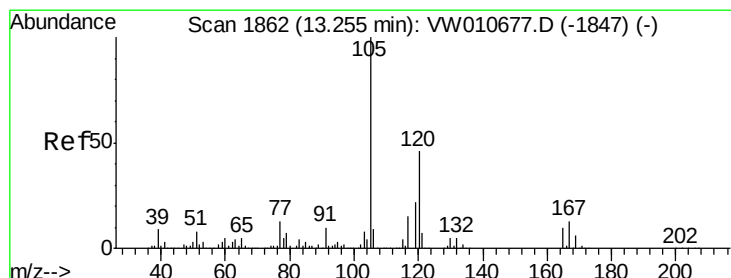
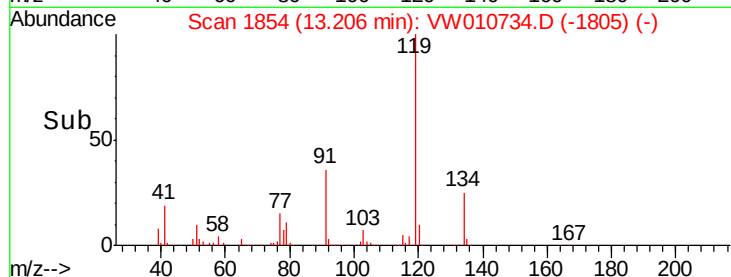
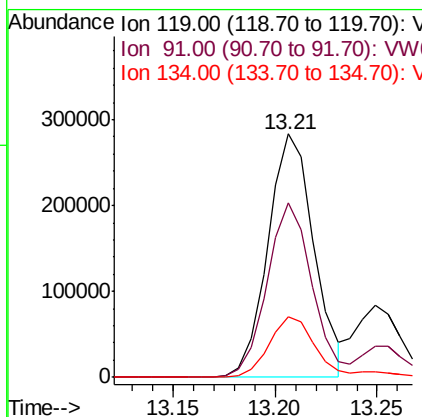
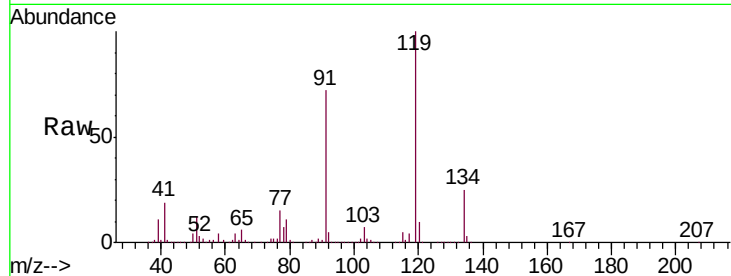




#83
 tert-Butylbenzene
 Concen: 50.859 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

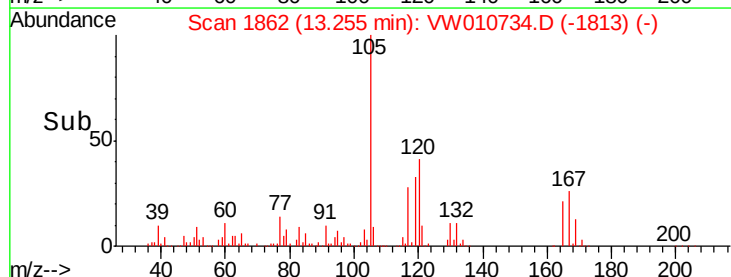
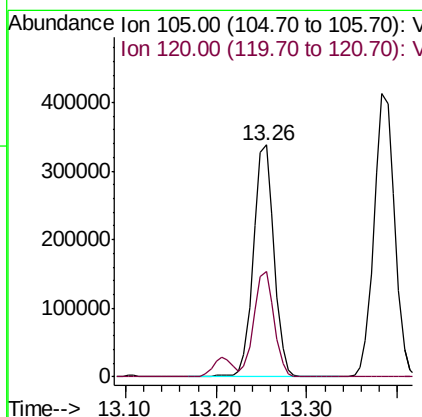
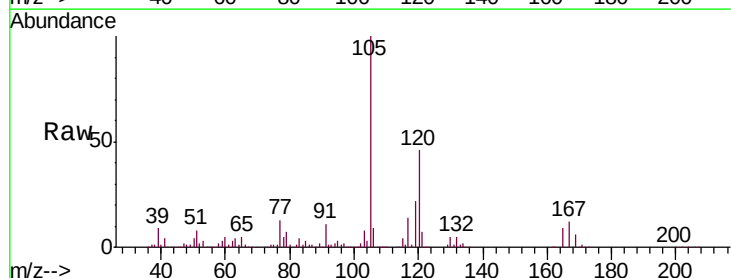
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

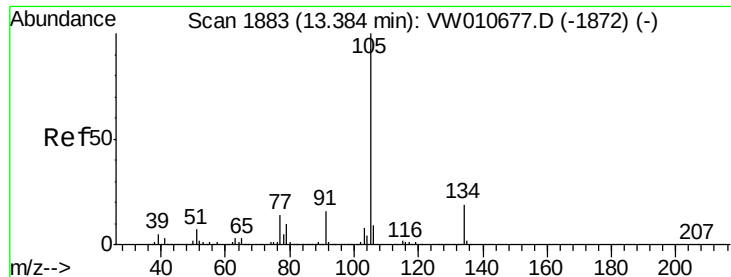
Tgt Ion:119 Resp: 446759
 Ion Ratio Lower Upper
 119 100
 91 70.4 35.1 105.3
 134 26.7 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.918 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion:105 Resp: 530342
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5

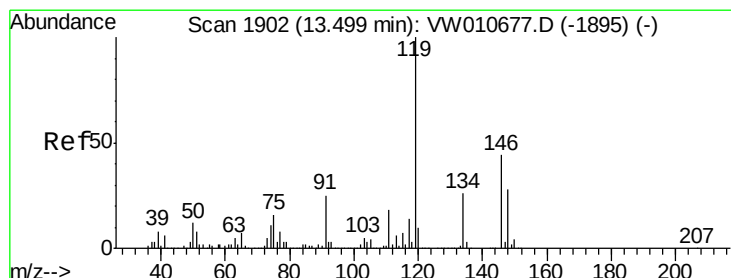
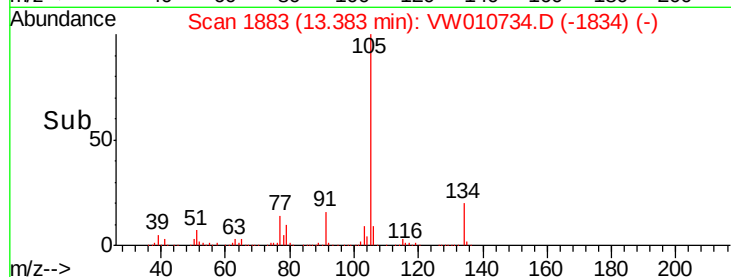
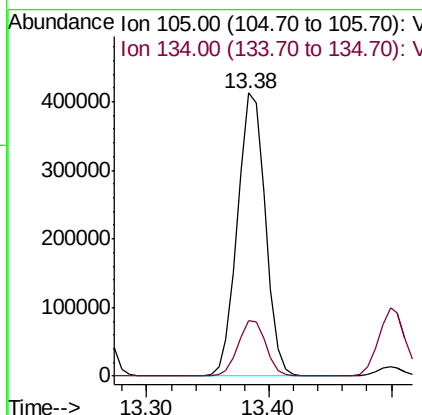
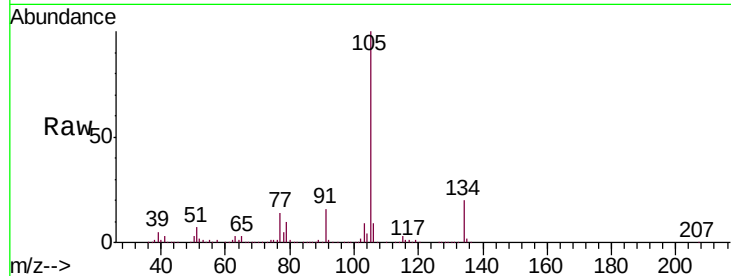




#85
 sec-Butylbenzene
 Concen: 50.670 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

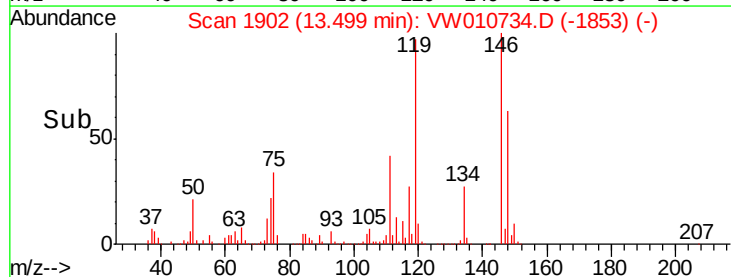
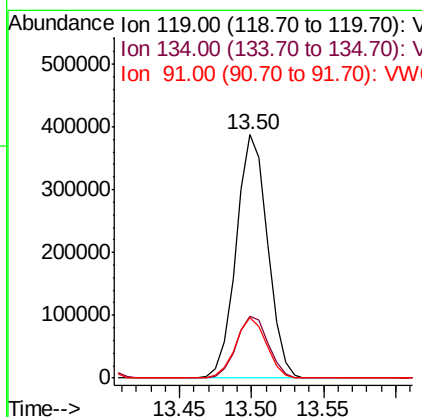
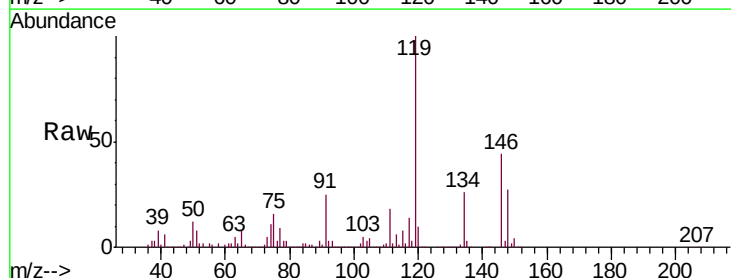
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

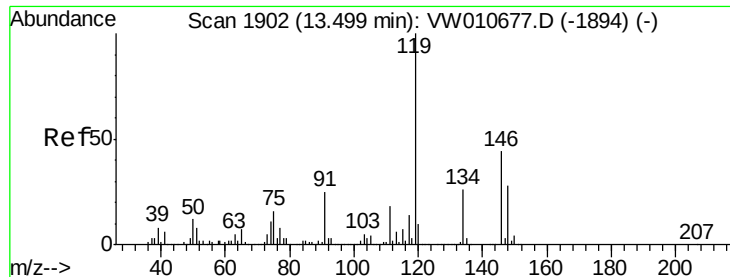
Tgt Ion:105 Resp: 648053
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.229 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion:119 Resp: 585920
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.5 12.2 36.4

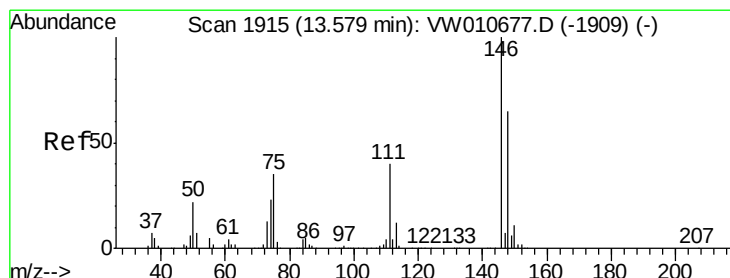
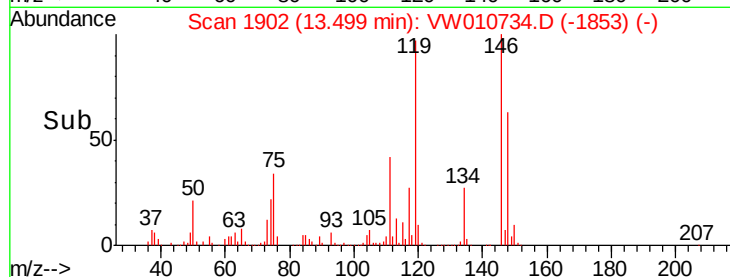
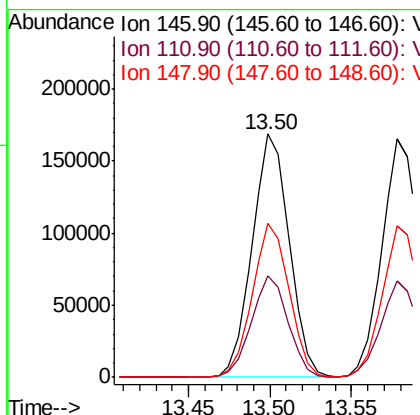
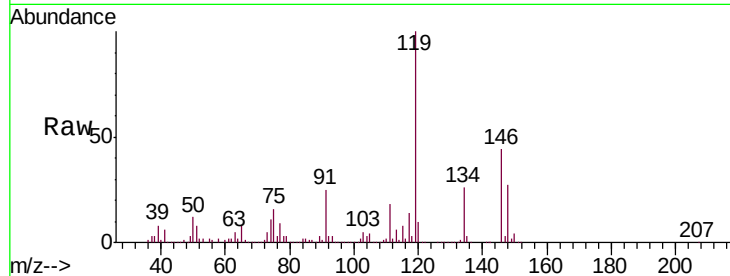




#87
 1,3-Dichlorobenzene
 Concen: 50.177 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

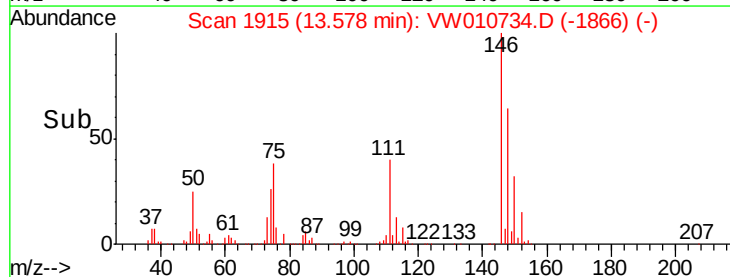
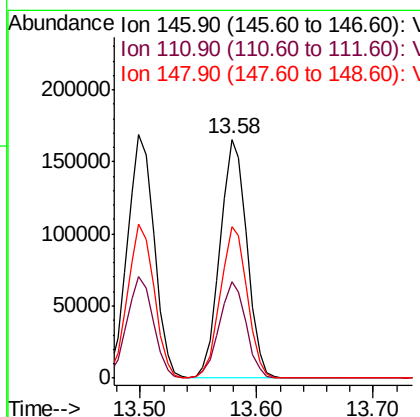
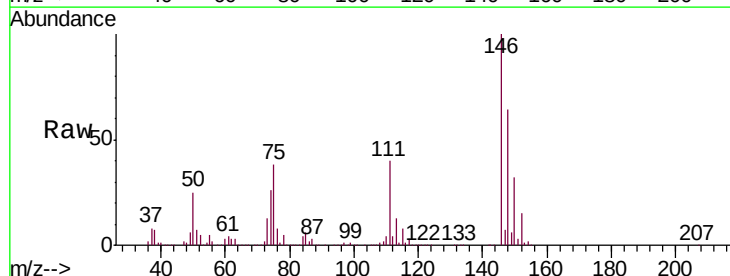
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

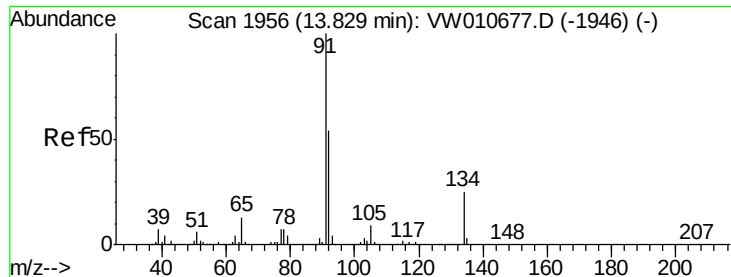
Tgt Ion:146 Resp: 267097
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.3
 148 62.6 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.817 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion:146 Resp: 262896
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.9
 148 63.6 32.4 97.2

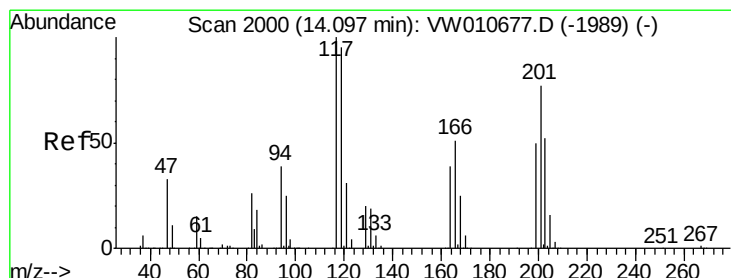
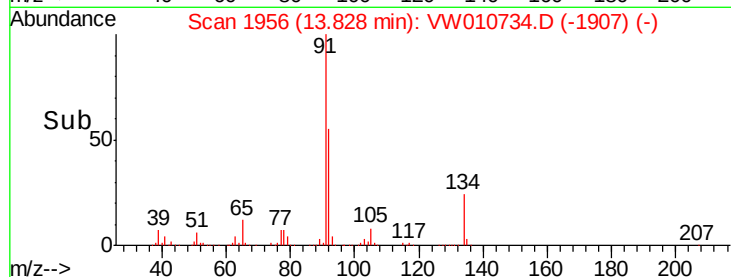
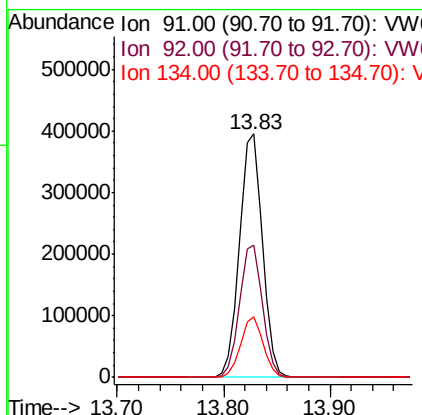
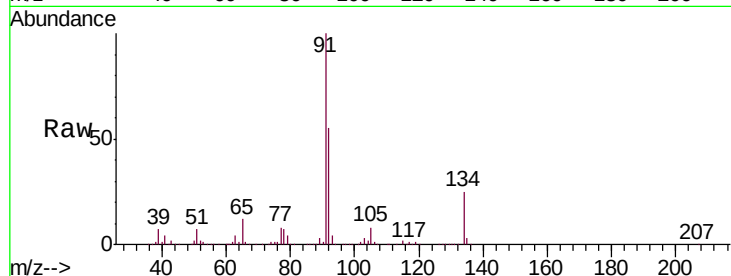




#89
n-Butylbenzene
Concen: 52.523 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

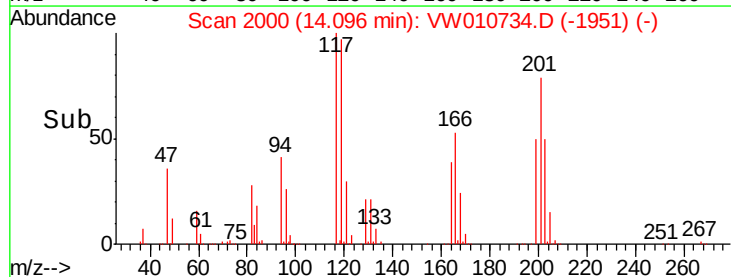
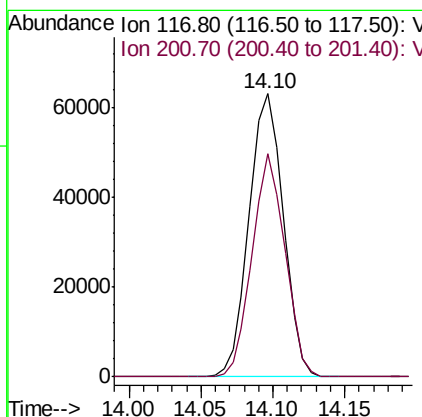
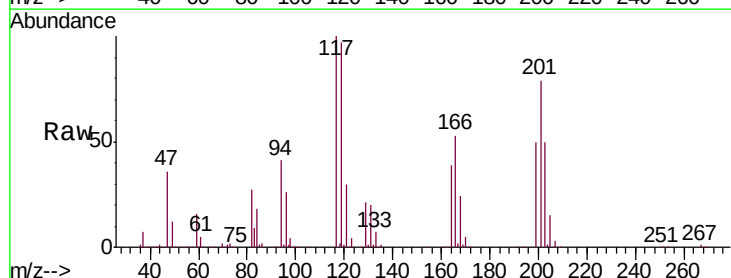
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

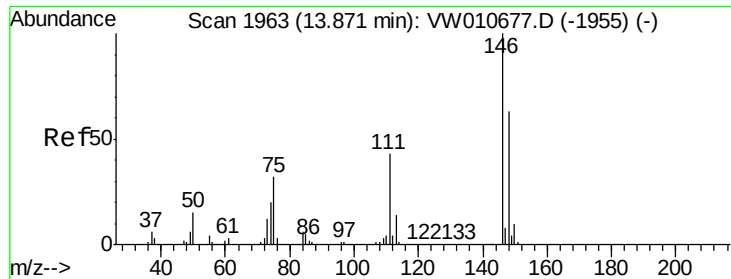
Tgt Ion: 91 Resp: 599364
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 24.2 12.3 36.9



#90
Hexachloroethane
Concen: 50.826 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion: 117 Resp: 104103
Ion Ratio Lower Upper
117 100
201 75.6 38.8 116.4

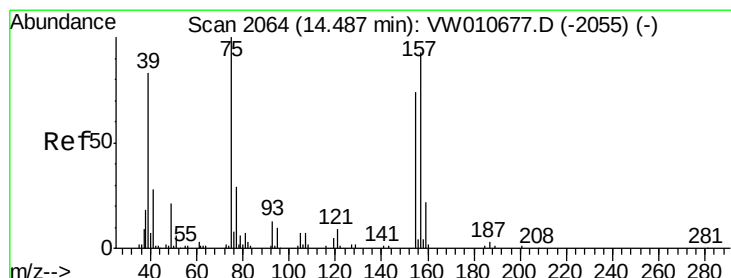
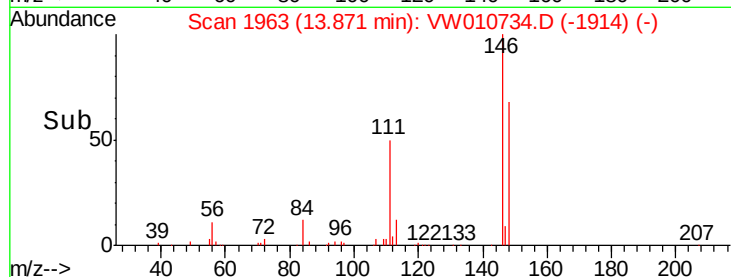
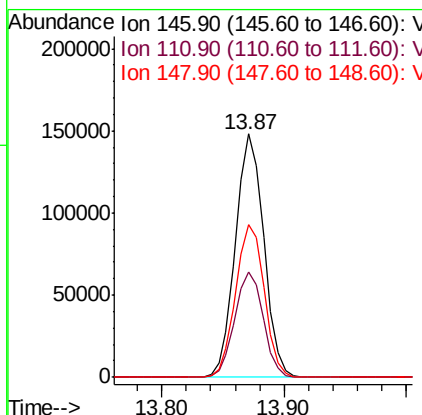
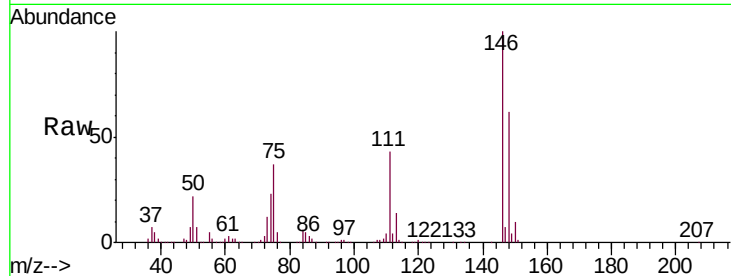




#91
 1,2-Dichlorobenzene
 Concen: 49.528 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

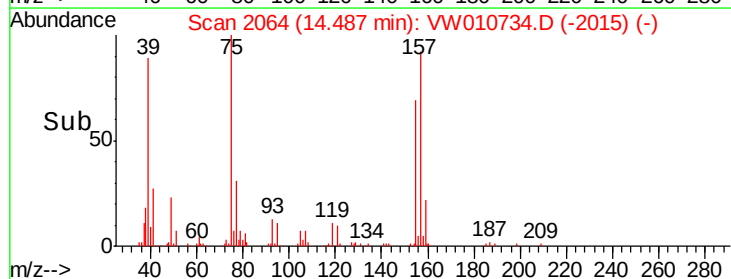
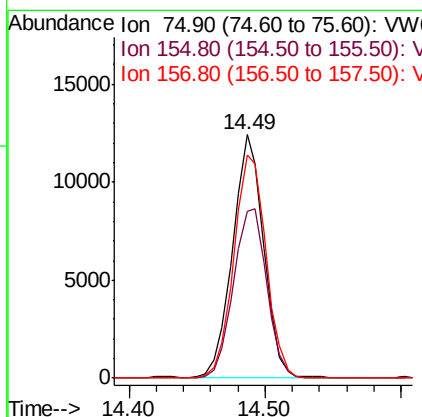
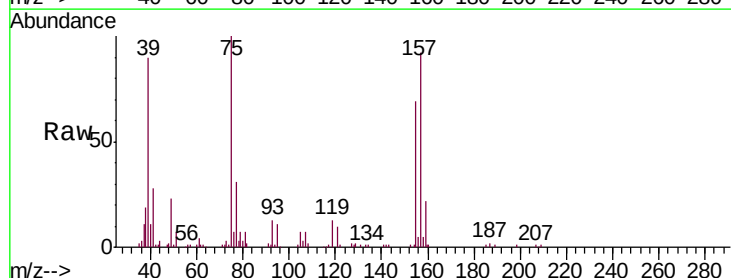
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

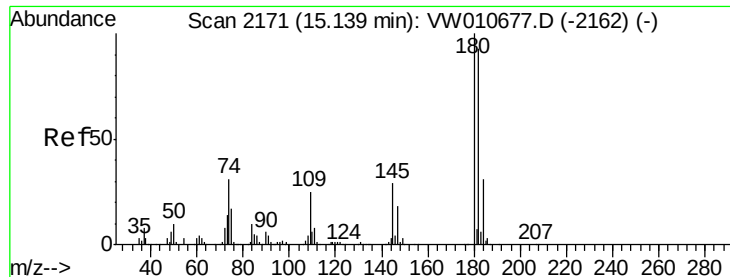
Tgt Ion: 146 Resp: 237093
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.5 64.5
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.795 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion: 75 Resp: 19758
 Ion Ratio Lower Upper
 75 100
 155 74.6 38.8 116.4
 157 94.9 48.4 145.0

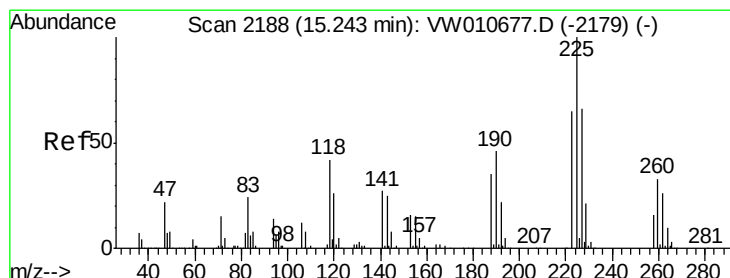
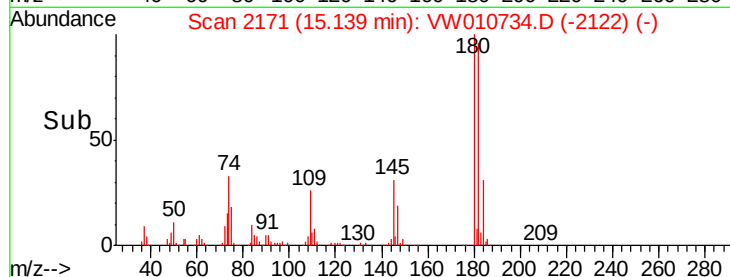
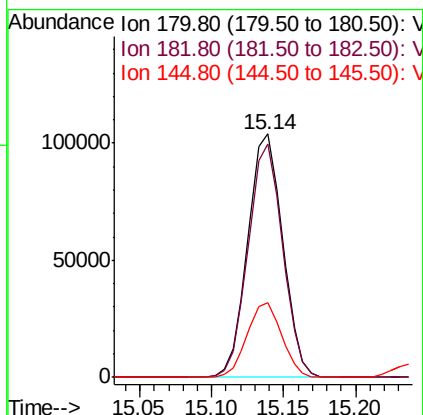
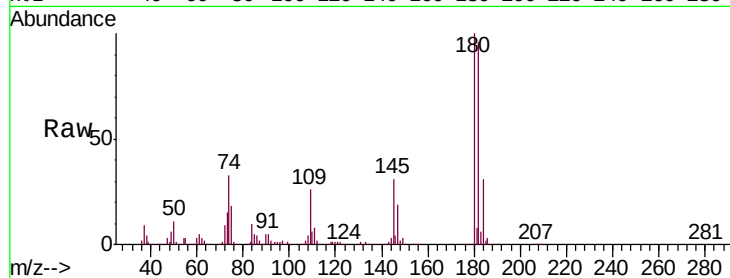




#93
 1,2,4-Trichlorobenzene
 Concen: 51.891 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

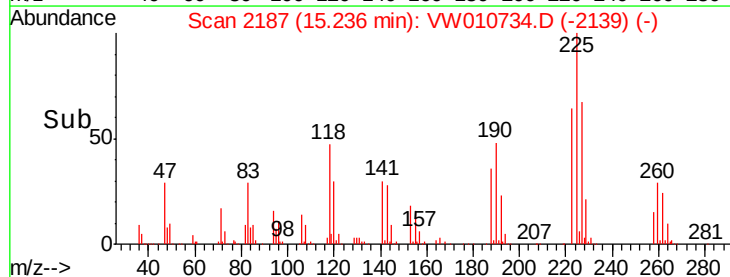
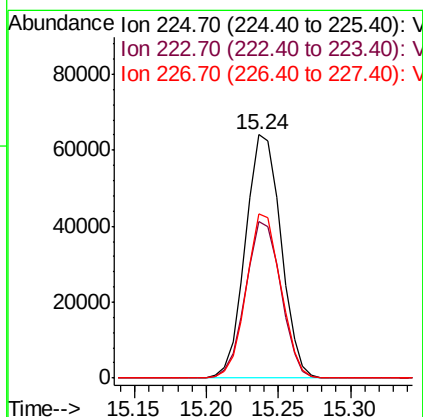
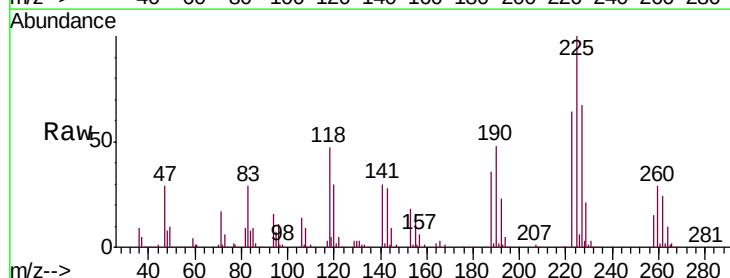
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

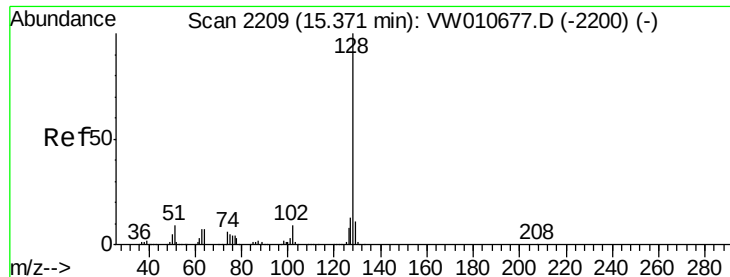
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.1	141.4
145	30.6	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 51.901 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010734.D
 Acq: 07 Jun 2019 17:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.2	96.6
227	65.3	32.0	96.0

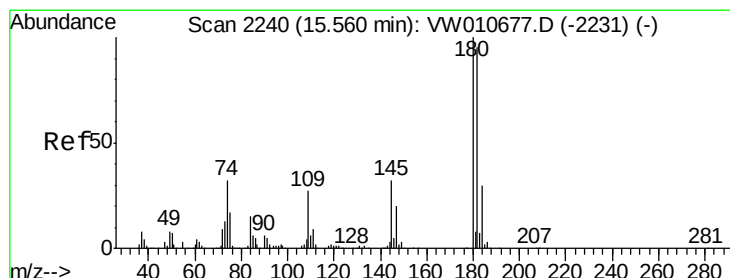
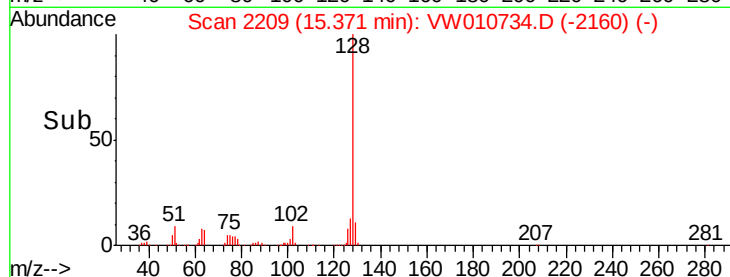
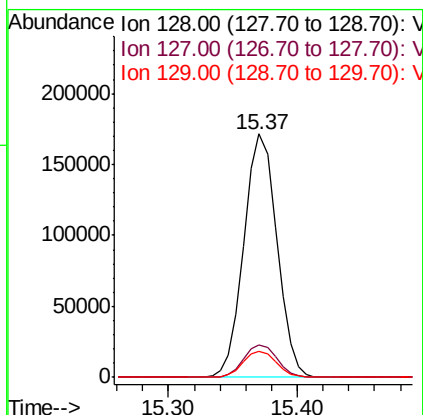
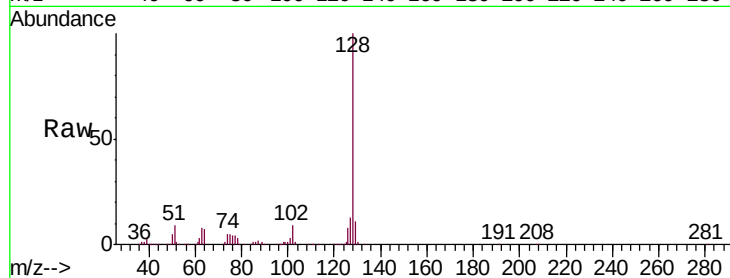




#95
Naphthalene
Concen: 49.811 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 304019
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.818 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010734.D
Acq: 07 Jun 2019 17:35

Tgt Ion:180 Resp: 148039
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 32.8 16.1 48.3

