

Data File : VW010723.D
Acq On : 07 Jun 2019 10:58
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jun 08 02:37:38 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	258396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138955	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	7.88	113	113018	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.32	98	477528	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.62	95	172036	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	113994	47.739	ug/l	97
3) Chloromethane	2.21	50	171350	48.774	ug/l	100
4) Vinyl Chloride	2.36	62	159324	49.086	ug/l	97
5) Bromomethane	2.76	94	86413	48.480	ug/l	95
6) Chloroethane	2.91	64	97068	49.821	ug/l	99
7) Trichlorofluoromethane	3.25	101	220197	52.261	ug/l	98
8) Diethyl Ether	3.68	74	70710	46.960	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135706	52.387	ug/l	100
10) Methyl Iodide	4.27	142	129971	48.830	ug/l	98
11) Tert butyl alcohol	5.17	59	57070	230.009	ug/l	99
12) 1,1-Dichloroethene	4.03	96	129331	51.756	ug/l	100
13) Acrolein	3.89	56	29679	292.720	ug/l	99
14) Allyl chloride	4.67	41	293195	53.213	ug/l	99
15) Acrylonitrile	5.37	53	161060	220.174	ug/l	100
16) Acetone	4.12	43	206726	253.318	ug/l	97
17) Carbon Disulfide	4.37	76	410865	51.795	ug/l	99
18) Methyl Acetate	4.67	43	74231	42.256	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	331735	46.029	ug/l	99
20) Methylene Chloride	4.91	84	151247	52.831	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	145361	51.242	ug/l	97
22) Diisopropyl ether	6.31	45	556529	50.452	ug/l	99
23) Vinyl Acetate	6.25	43	1611919	242.137	ug/l	100
24) 1,1-Dichloroethane	6.21	63	286794	51.880	ug/l	98
25) 2-Butanone	7.17	43	263126	232.526	ug/l	99
26) 2,2-Dichloropropane	7.17	77	253844	56.431	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	158727	50.844	ug/l	98
28) Bromochloromethane	7.51	49	121681	49.323	ug/l	98
29) Tetrahydrofuran	7.52	42	149640	210.237	ug/l	99
30) Chloroform	7.67	83	261043	51.627	ug/l	98
31) Cyclohexane	7.95	56	304672	49.580	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	235448	53.307	ug/l	100
36) 1,1-Dichloropropene	8.08	75	225788	52.411	ug/l	100
37) Ethyl Acetate	7.25	43	107047	44.841	ug/l	99
38) Carbon Tetrachloride	8.07	117	201882	54.285	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	285140	52.066	ug/l	99
40) Benzene	8.32	78	598928	50.962	ug/l	98
41) Methacrylonitrile	7.48	41	64527	45.474	ug/l	99
42) 1,2-Dichloroethane	8.40	62	182897	49.034	ug/l	99
43) Isopropyl Acetate	8.42	43	206306	44.732	ug/l	99
44) Trichloroethene	9.09	130	149896	51.705	ug/l	99
45) 1,2-Dichloropropane	9.37	63	157476	50.618	ug/l	98
46) Dibromomethane	9.46	93	68475	47.387	ug/l	99
47) Bromodichloromethane	9.65	83	191539	51.136	ug/l	98
48) Methyl methacrylate	9.43	41	107141	48.182	ug/l	95
49) 1,4-Dioxane	9.45	88	19930	882.173	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	519282	220.394	ug/l	99
52) Toluene	10.39	92	372556	51.522	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200676	50.581	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241934	51.823	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97855	47.008	ug/l	99
56) Ethyl methacrylate	10.65	69	148059	46.223	ug/l	98
57) 1,3-Dichloropropane	10.93	76	185806	47.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	384874	229.401	ug/l	100
59) 2-Hexanone	10.97	43	389436	228.697	ug/l	99
60) Dibromochloromethane	11.13	129	114048	49.423	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92442	46.870	ug/l	100
64) Tetrachloroethene	10.86	164	123118	50.101	ug/l	99
65) Chlorobenzene	11.66	112	369488	50.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	130693	51.873	ug/l	100
67) Ethyl Benzene	11.73	91	732854	52.393	ug/l	98
68) m/p-Xylenes	11.84	106	521825	104.215	ug/l	99
69) o-Xylene	12.16	106	246862	51.983	ug/l	99
70) Styrene	12.18	104	425697	51.602	ug/l	99
71) Bromoform	12.35	173	61081	46.876	ug/l #	98
73) Isopropylbenzene	12.47	105	693725	53.564	ug/l	99
74) N-amyl acetate	12.27	43	198224	47.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113234	45.926	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	155888	86.132	ug/l #	100
77) Bromobenzene	12.75	156	145420	51.439	ug/l	99
78) n-propylbenzene	12.80	91	842373	53.941	ug/l	100
79) 2-Chlorotoluene	12.90	91	473647	53.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	568171	53.597	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37935	48.173	ug/l	99
82) 4-Chlorotoluene	12.99	91	493732	53.625	ug/l	99
83) tert-Butylbenzene	13.21	119	475548	52.858	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	564551	52.923	ug/l	100
85) sec-Butylbenzene	13.38	105	701470	53.552	ug/l	100
86) p-Isopropyltoluene	13.50	119	629497	53.740	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	283729	52.043	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	276290	51.119	ug/l	99
89) n-Butylbenzene	13.83	91	642687	54.990	ug/l	100
90) Hexachloroethane	14.10	117	117369	55.950	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	249237	50.835	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19907	47.018	ug/l	95

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

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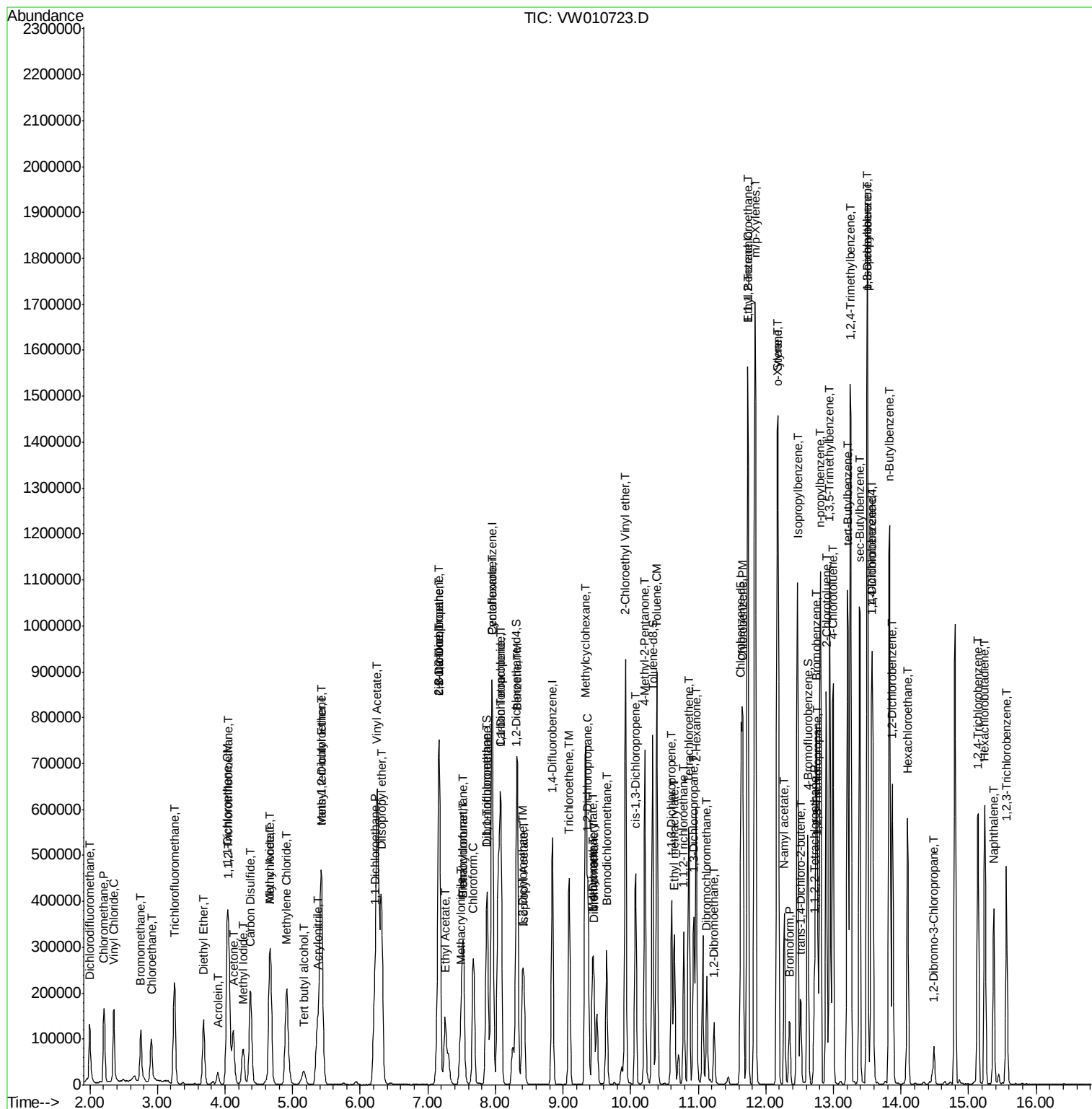
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	183786	53.418	ug/l	100
94) Hexachlorobutadiene	15.24	225	116507	53.955	ug/l	99
95) Naphthalene	15.37	128	306757	49.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153766	52.552	ug/l	98

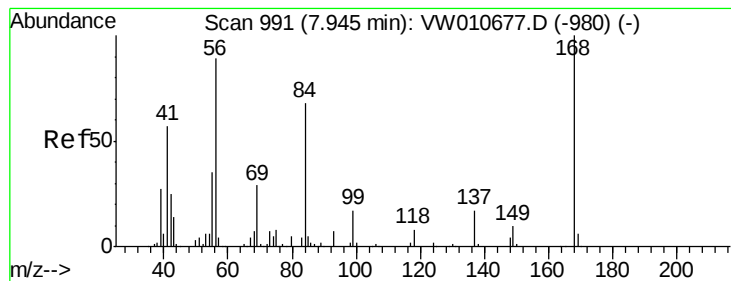
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010723.D

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Instrument :

MSVOA_W

ClientSampleId :

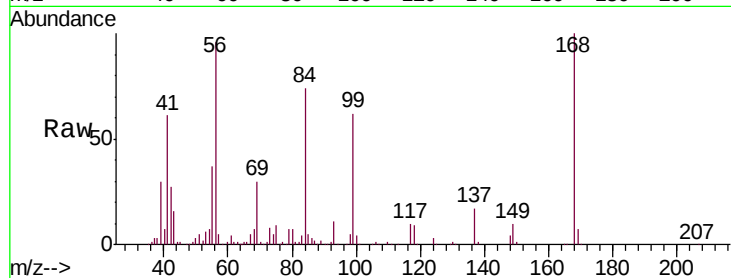
VSTDCCC050

Tgt Ion:168 Resp: 258396

Ion Ratio Lower Upper

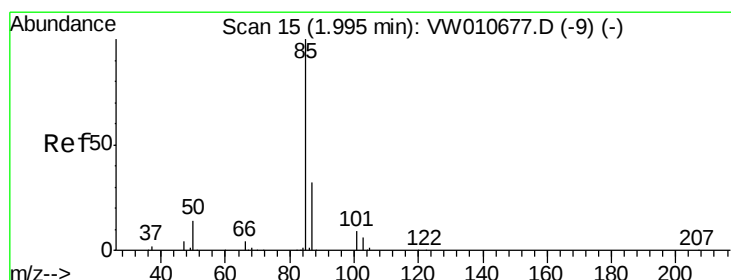
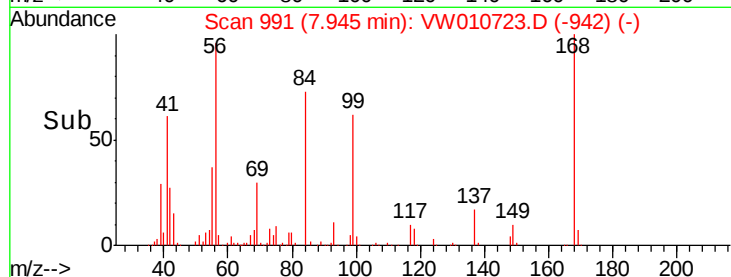
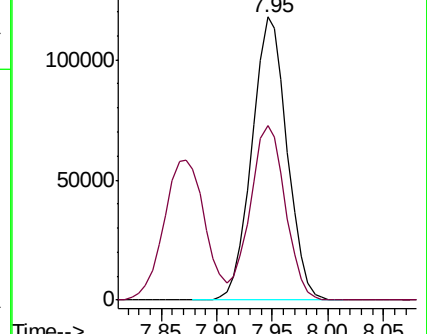
168 100

99 61.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.739 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010723.D

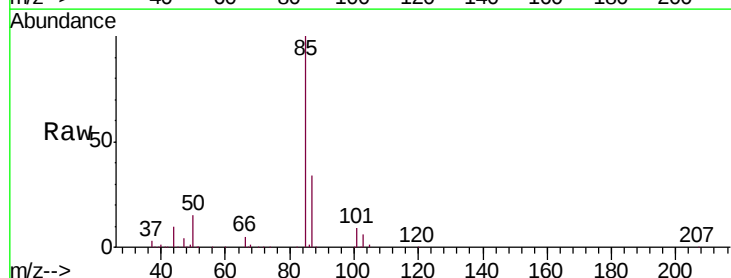
Acq: 07 Jun 2019 10:58

Tgt Ion: 85 Resp: 113994

Ion Ratio Lower Upper

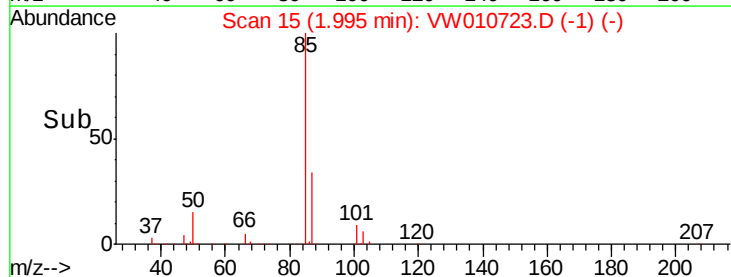
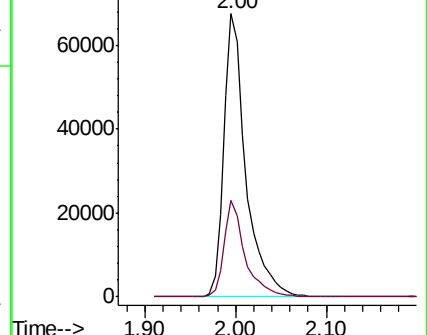
85 100

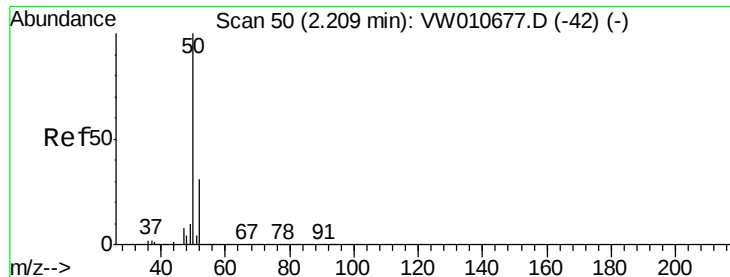
87 34.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.774 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

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ClientSampleId :

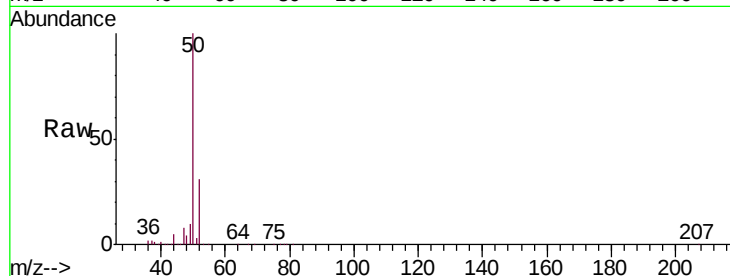
VSTDCCC050

Tgt Ion: 50 Resp: 171350

Ion Ratio Lower Upper

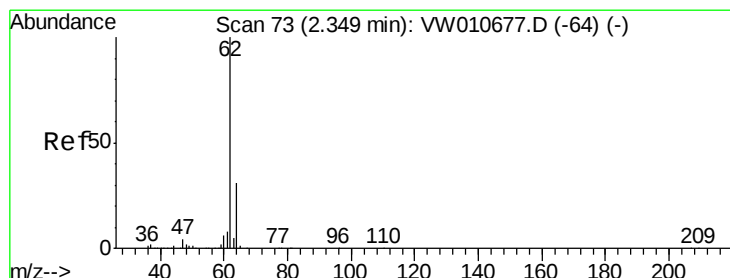
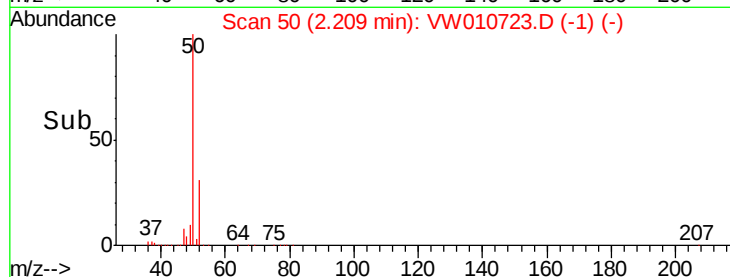
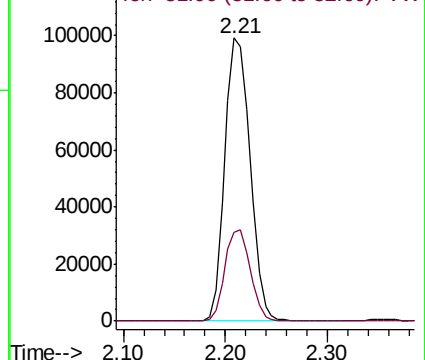
50 100

52 31.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.086 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010723.D

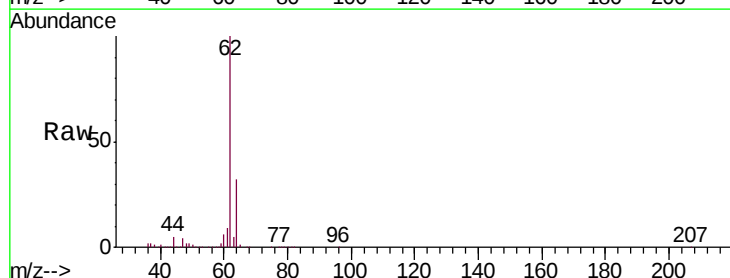
Acq: 07 Jun 2019 10:58

Tgt Ion: 62 Resp: 159324

Ion Ratio Lower Upper

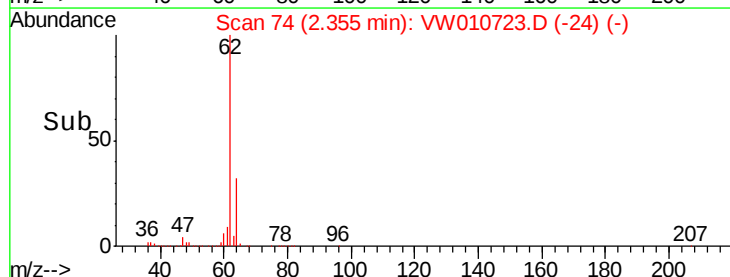
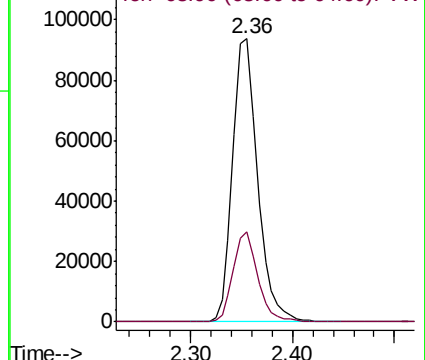
62 100

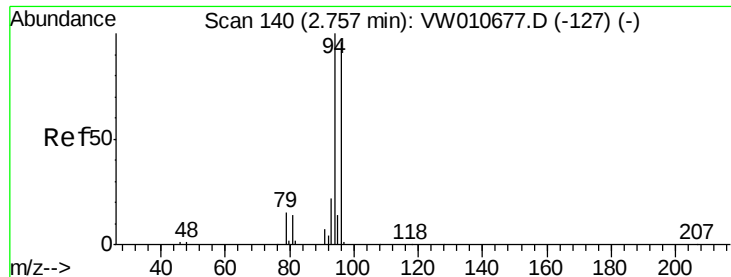
64 32.0 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 48.480 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

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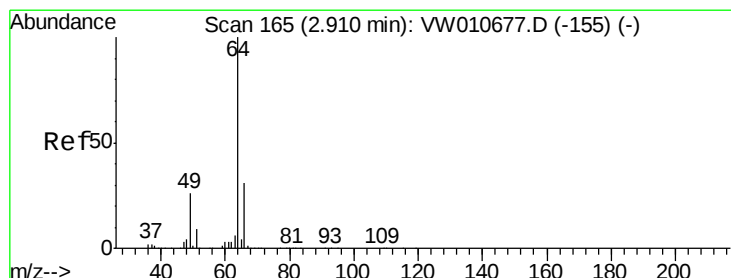
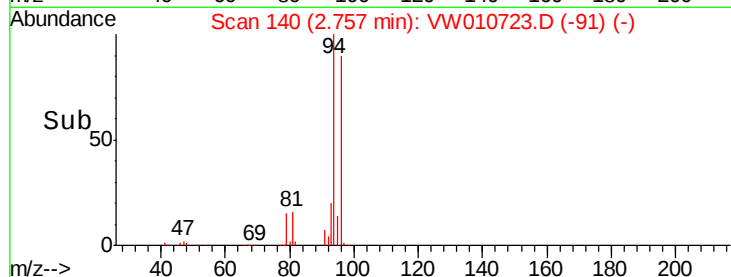
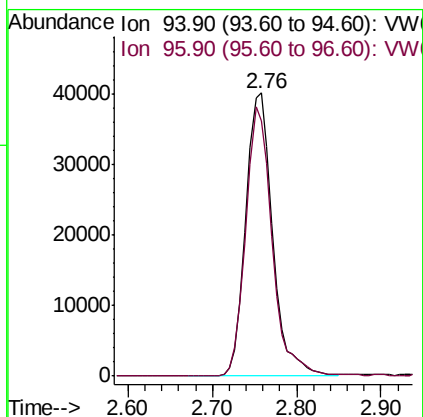
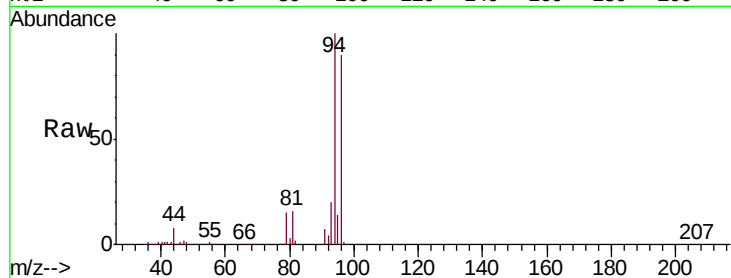
VSTDCCC050

Tgt Ion: 94 Resp: 86413

Ion Ratio Lower Upper

94 100

96 90.3 76.5 114.7



#6

Chloroethane

Concen: 49.821 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW010723.D

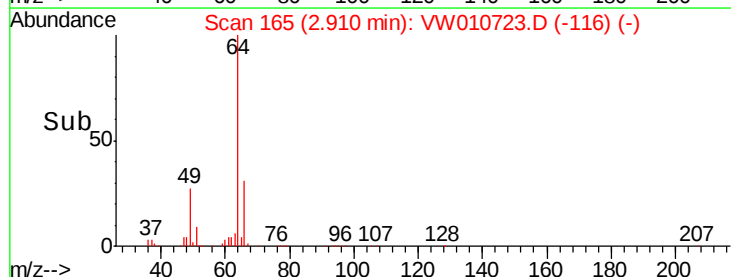
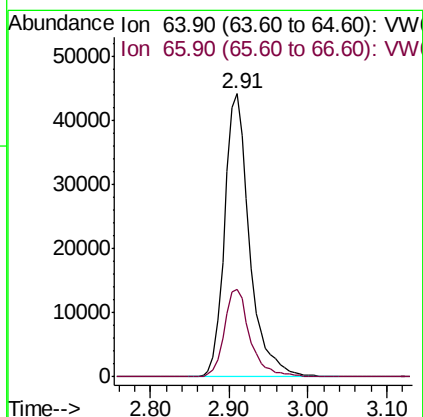
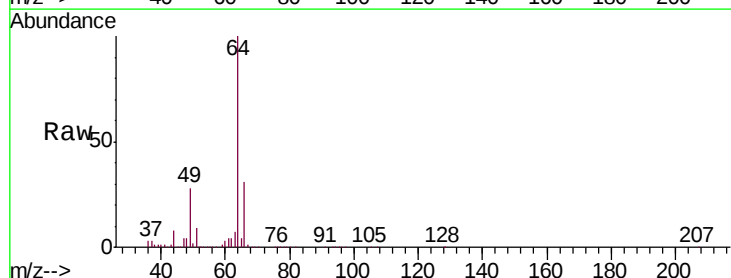
Acq: 07 Jun 2019 10:58

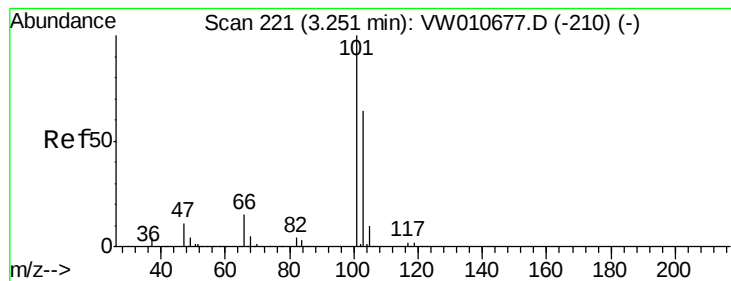
Tgt Ion: 64 Resp: 97068

Ion Ratio Lower Upper

64 100

66 31.0 25.1 37.7



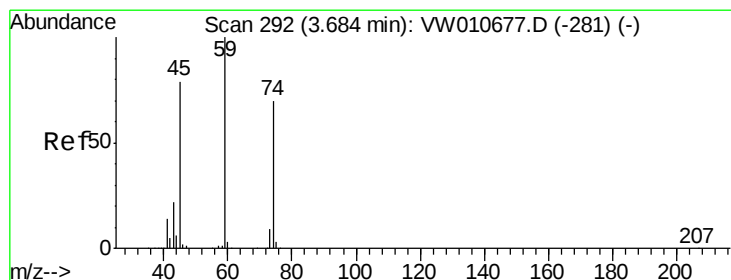
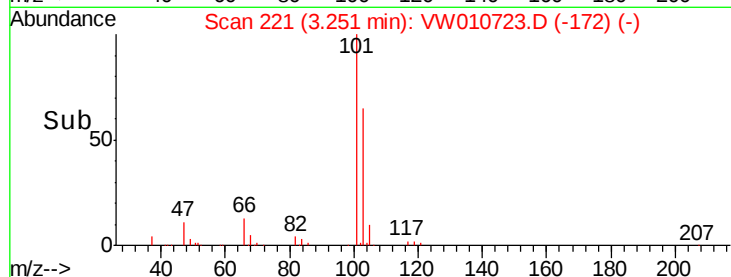
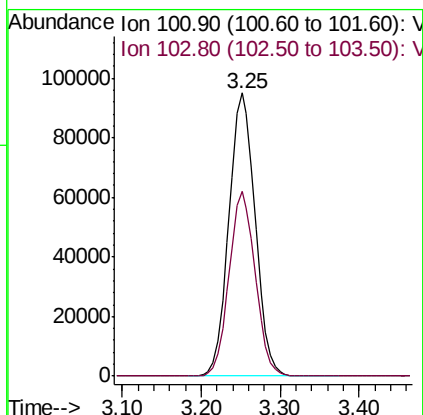
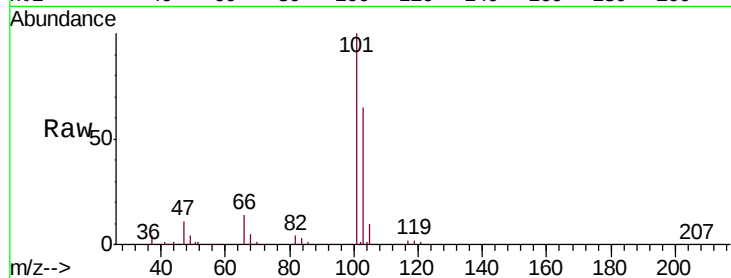


#7

Trichlorofluoromethane
 Concen: 52.261 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010723.D
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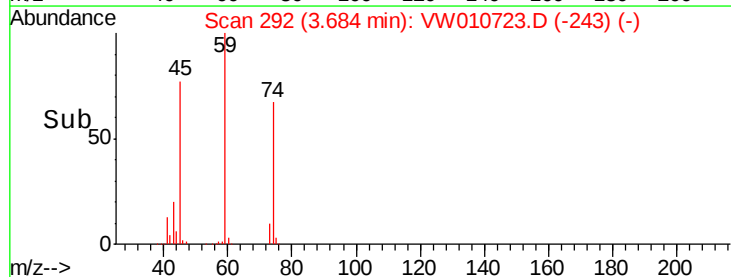
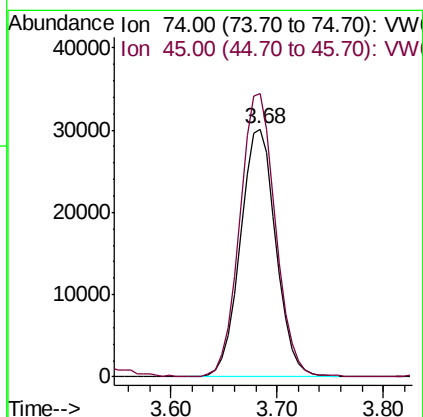
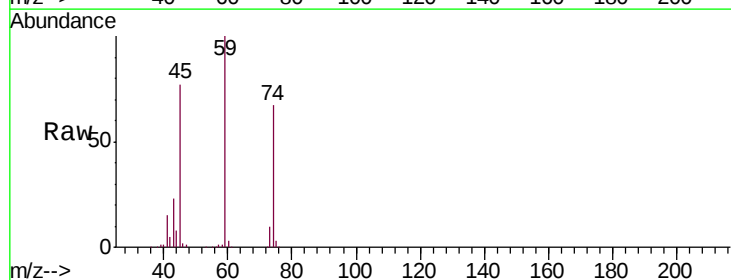
Tgt Ion:101 Resp: 220197
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.2 76.8

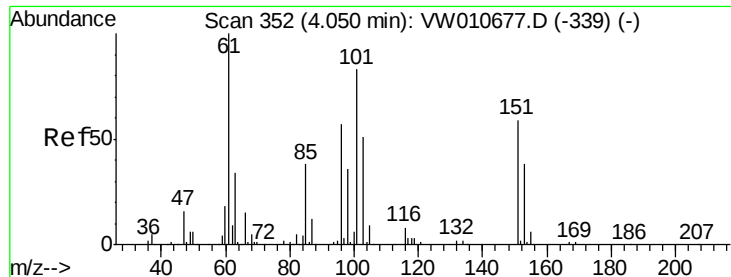


#8

Diethyl Ether
 Concen: 46.960 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 74 Resp: 70710
 Ion Ratio Lower Upper
 74 100
 45 114.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.387 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010723.D

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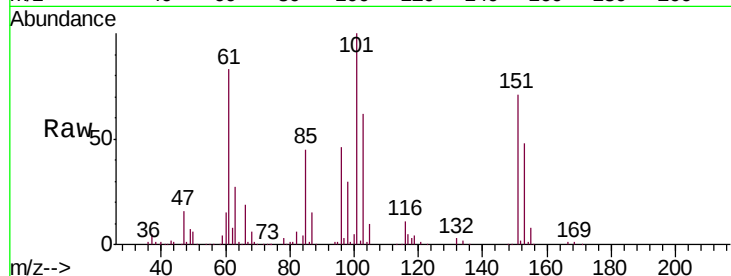
Tgt Ion:101 Resp: 135706

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.8

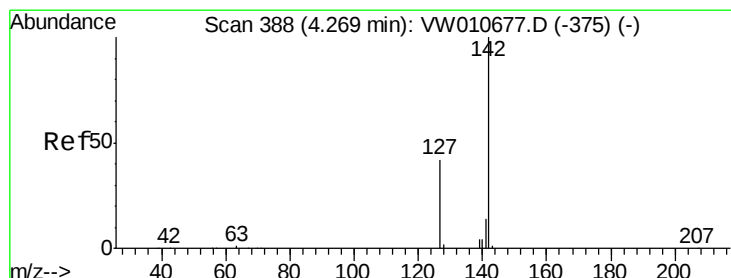
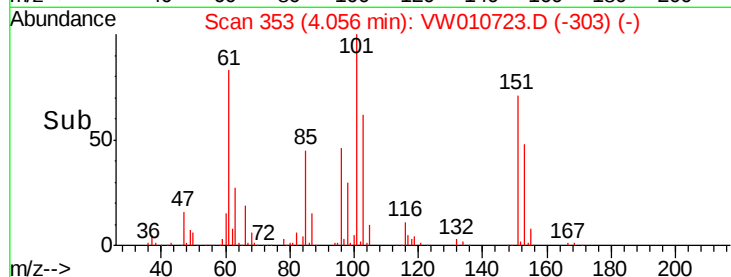
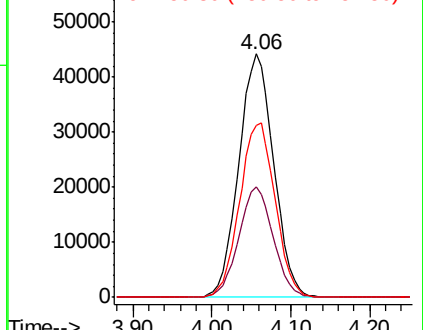
151 72.9 58.1 87.1



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: 48.830 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

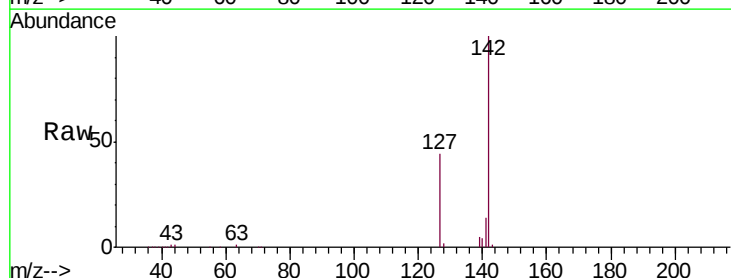
Tgt Ion:142 Resp: 129971

Ion Ratio Lower Upper

142 100

127 44.9 34.6 51.8

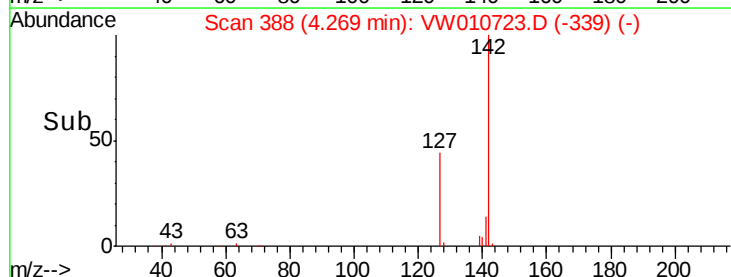
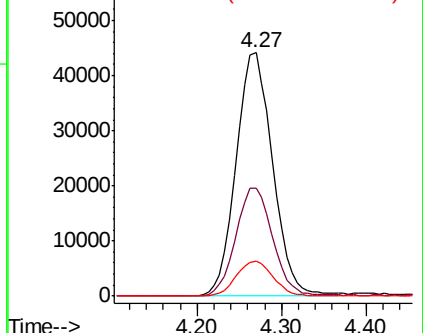
141 14.5 11.6 17.4

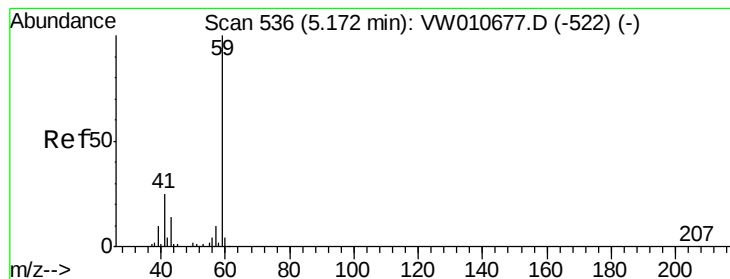


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



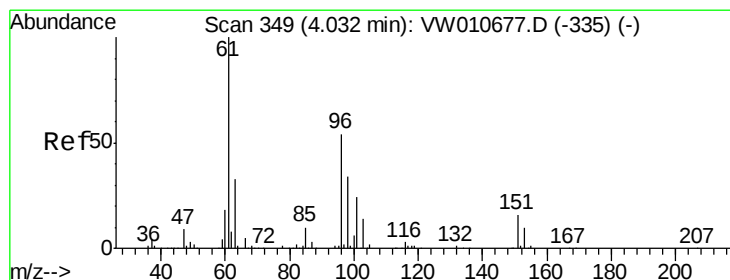
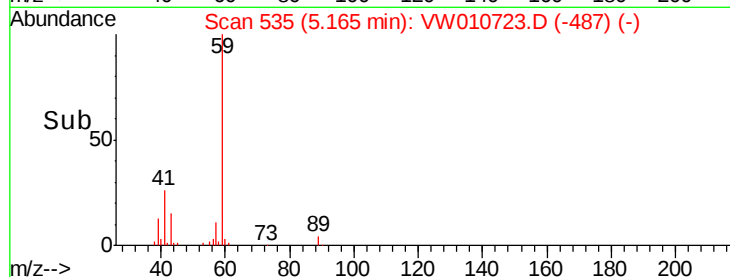
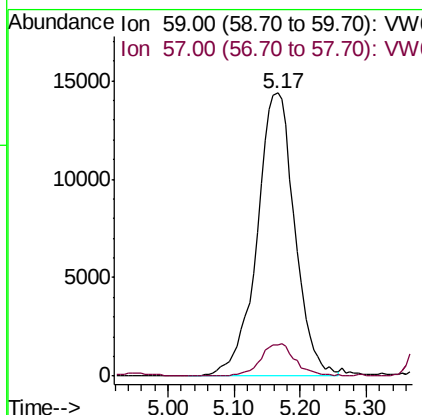
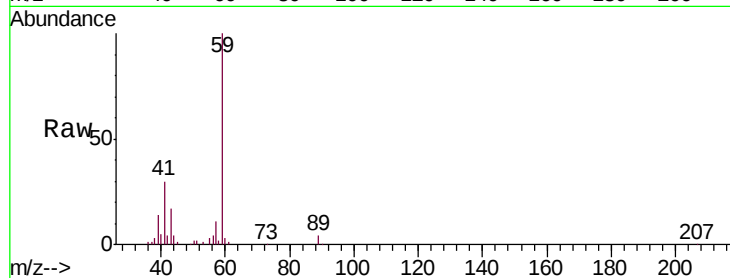


#11

Tert butyl alcohol
 Concen: 230.009 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

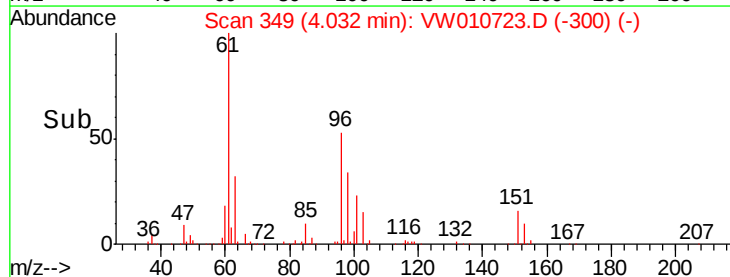
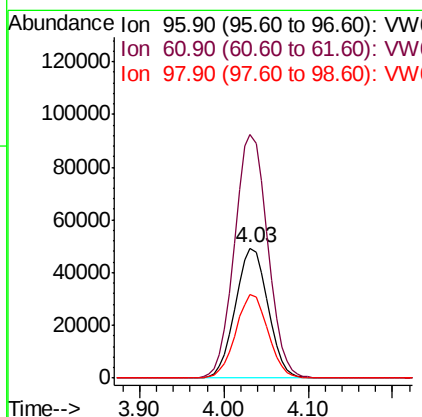
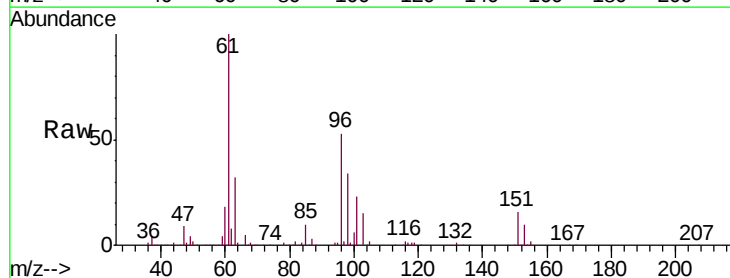
Tgt Ion: 59 Resp: 57070
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8

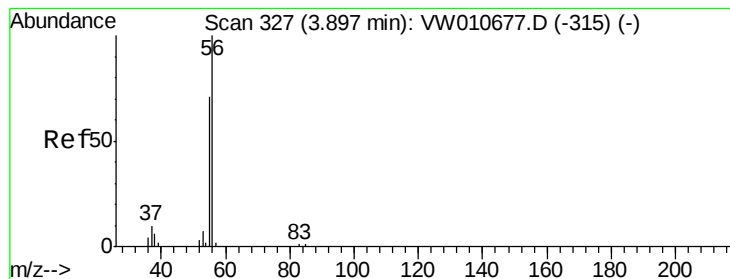


#12

1,1-Dichloroethene
 Concen: 51.756 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 96 Resp: 129331
 Ion Ratio Lower Upper
 96 100
 61 187.0 149.1 223.7
 98 63.8 51.1 76.7





#13

Acrolein

Concen: 292.720 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

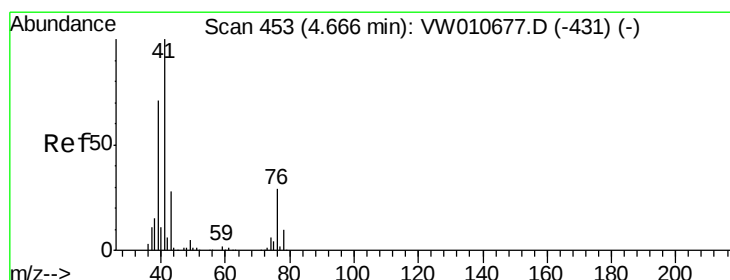
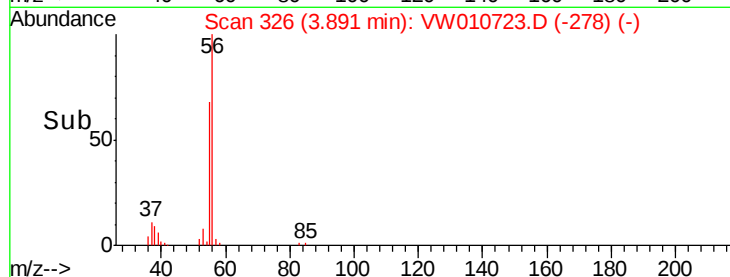
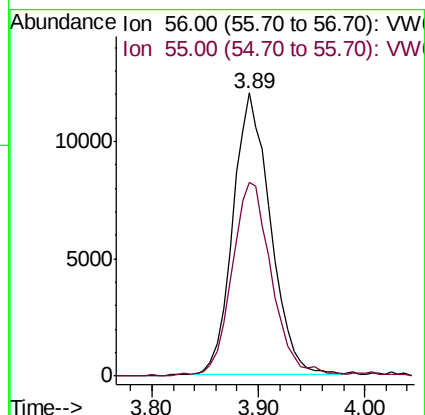
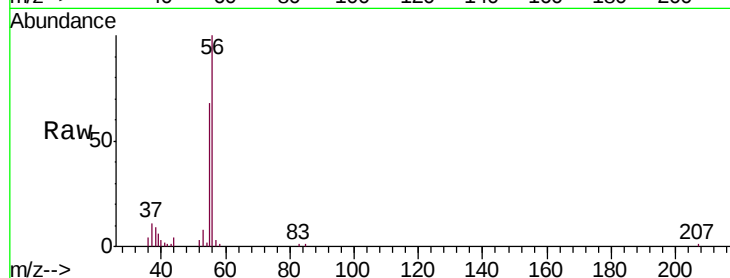
VSTDCCC050

Tgt Ion: 56 Resp: 29679

Ion Ratio Lower Upper

56 100

55 72.9 57.6 86.4



#14

Allyl chloride

Concen: 53.213 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

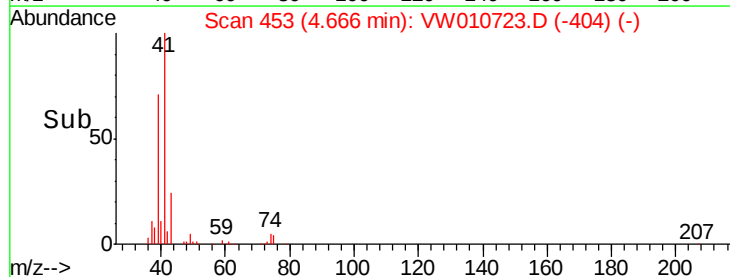
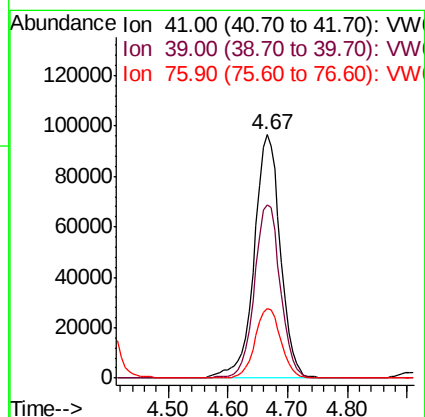
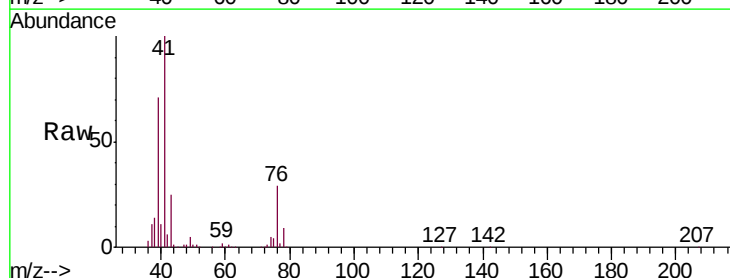
Tgt Ion: 41 Resp: 293195

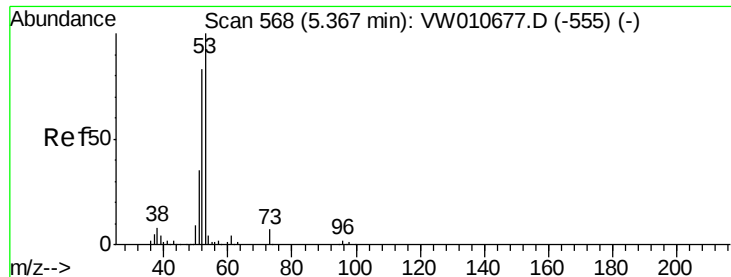
Ion Ratio Lower Upper

41 100

39 70.8 55.8 83.6

76 28.1 22.7 34.1





#15

Acrylonitrile

Concen: 220.174 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

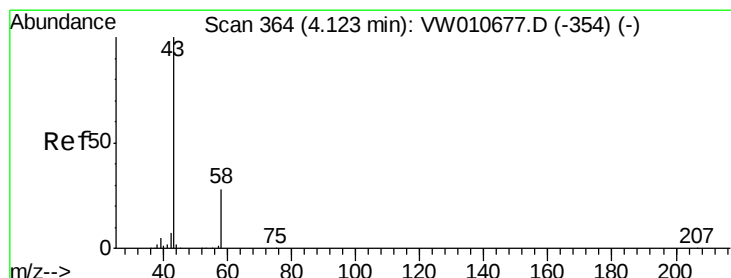
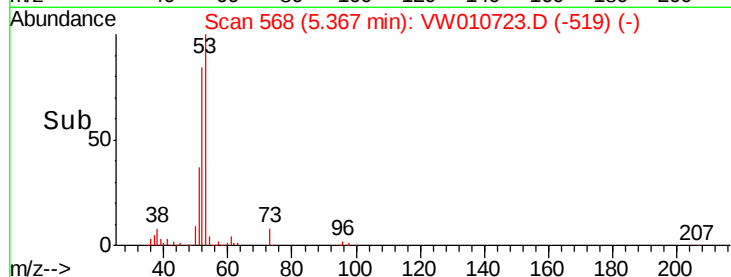
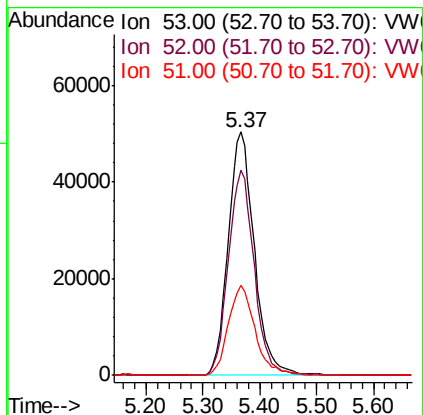
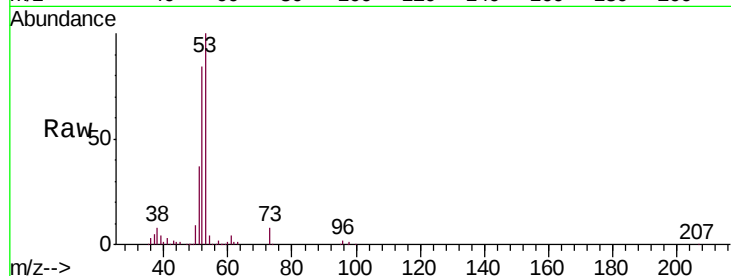
Tgt Ion: 53 Resp: 161060

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 37.9 29.8 44.8



#16

Acetone

Concen: 253.318 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010723.D

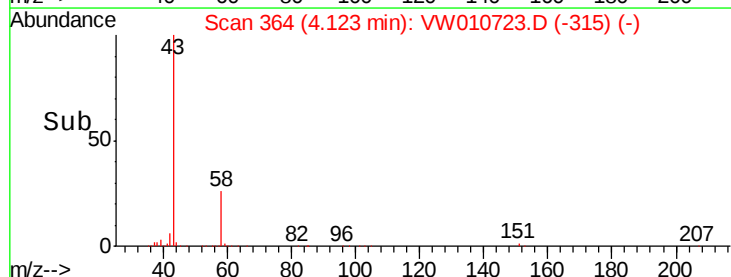
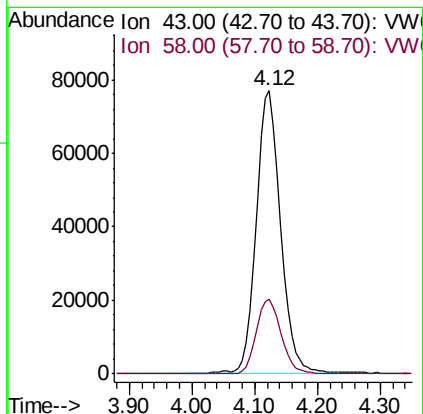
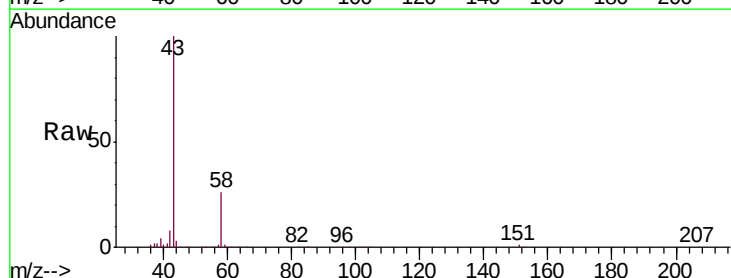
Acq: 07 Jun 2019 10:58

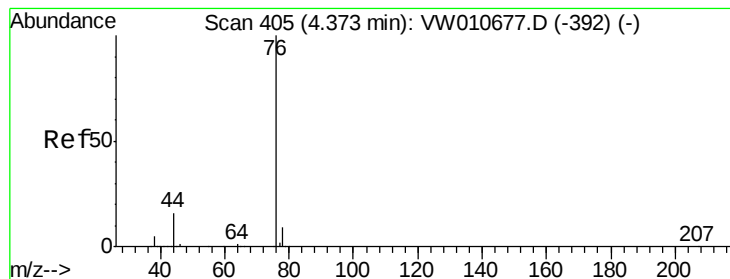
Tgt Ion: 43 Resp: 206726

Ion Ratio Lower Upper

43 100

58 26.2 22.1 33.1





#17

Carbon Disulfide

Concen: 51.795 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

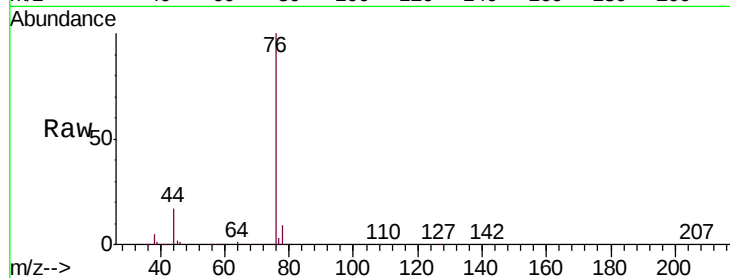
VSTDCCC050

Tgt Ion: 76 Resp: 410865

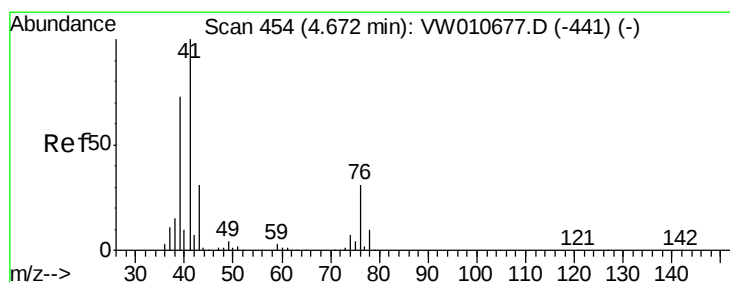
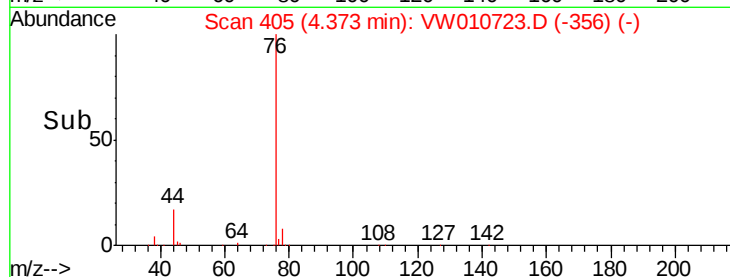
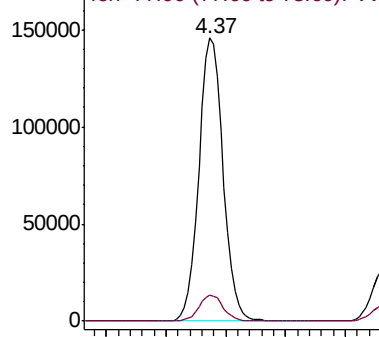
Ion Ratio Lower Upper

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: 42.256 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010723.D

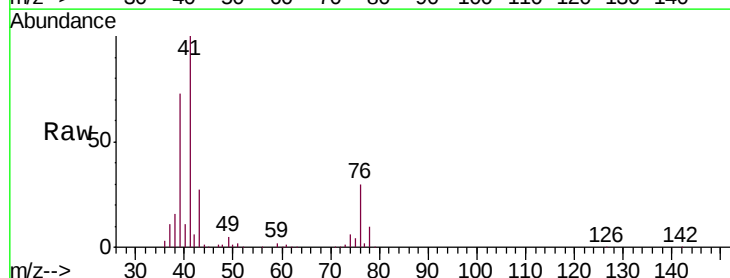
Acq: 07 Jun 2019 10:58

Tgt Ion: 43 Resp: 74231

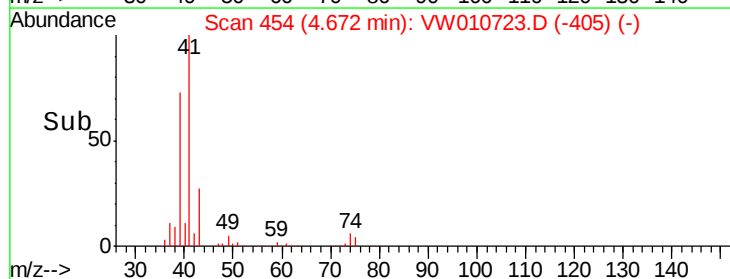
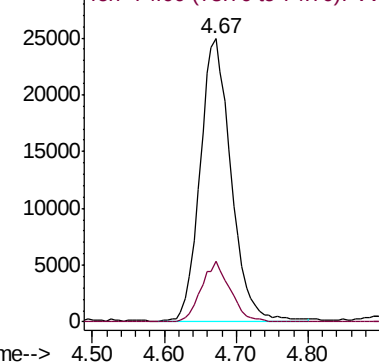
Ion Ratio Lower Upper

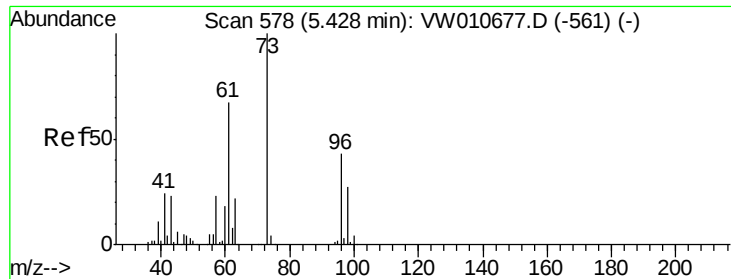
43 100

74 20.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

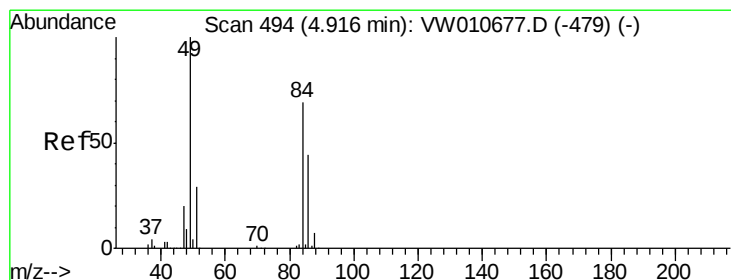
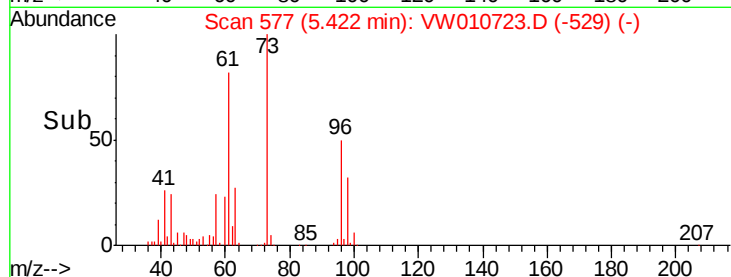
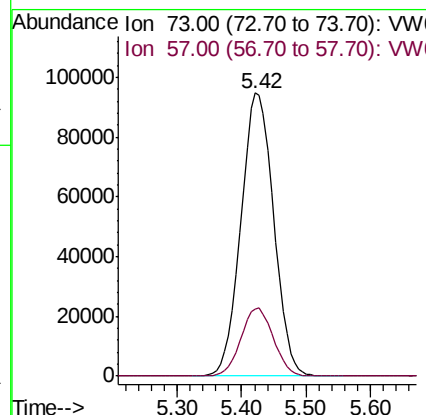
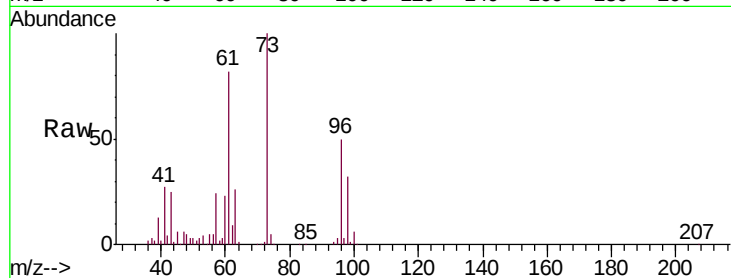




#19
Methyl tert-butyl Ether
Concen: 46.029 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

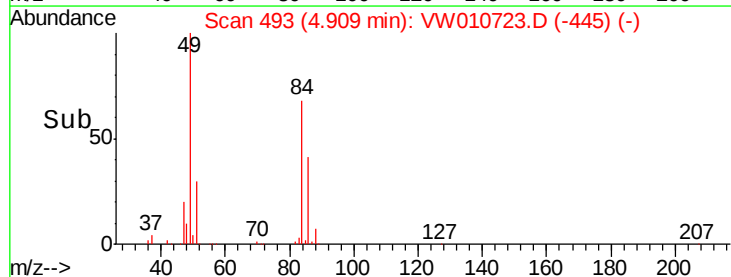
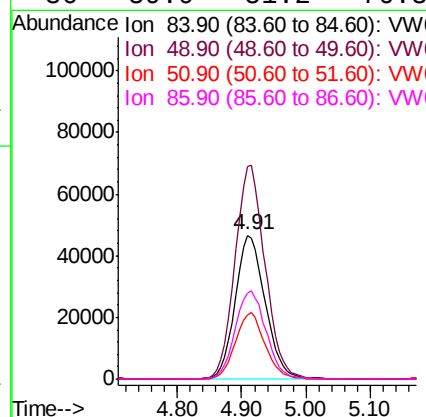
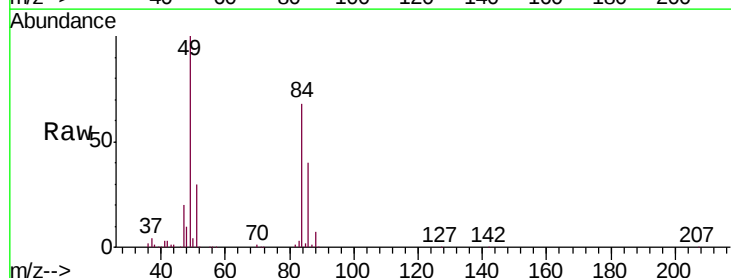
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

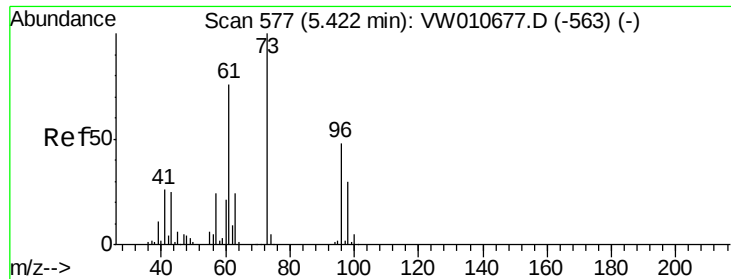
Tgt Ion: 73 Resp: 331735
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8



#20
Methylene Chloride
Concen: 52.831 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 84 Resp: 151247
Ion Ratio Lower Upper
84 100
49 148.1 116.7 175.1
51 44.6 34.2 51.2
86 59.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.242 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

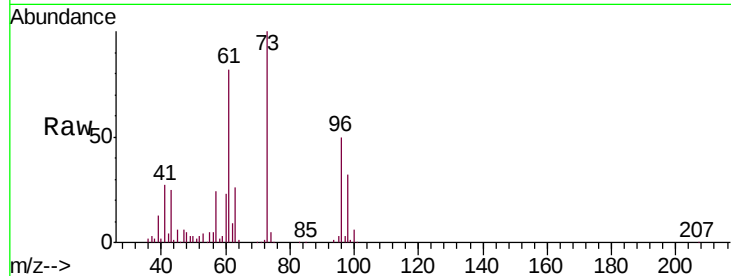
Tgt Ion: 96 Resp: 145361

Ion Ratio Lower Upper

96 100

61 162.3 126.0 189.0

98 64.0 49.6 74.4

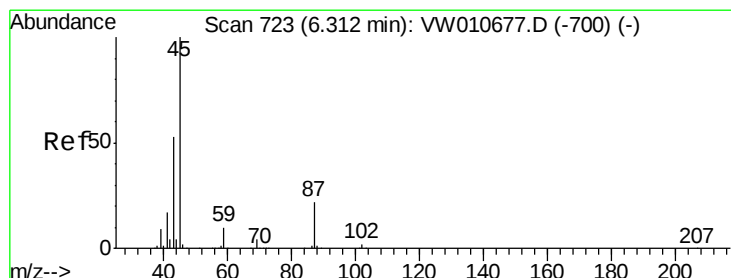
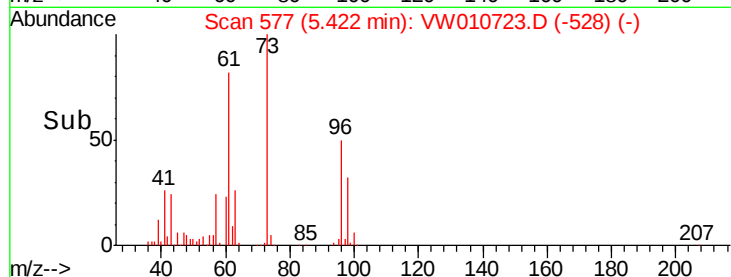
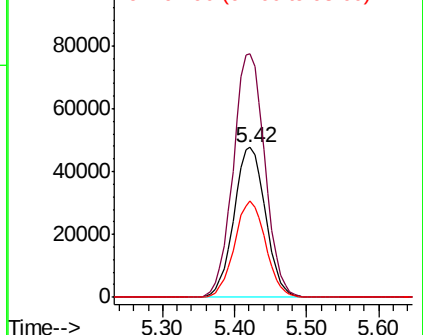


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.452 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Tgt Ion: 45 Resp: 556529

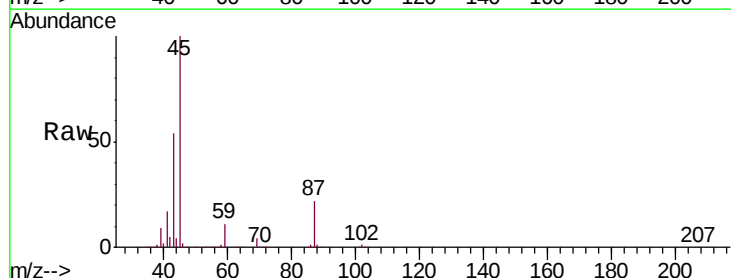
Ion Ratio Lower Upper

45 100

43 54.2 42.5 63.7

87 22.0 17.4 26.2

59 10.7 8.1 12.1



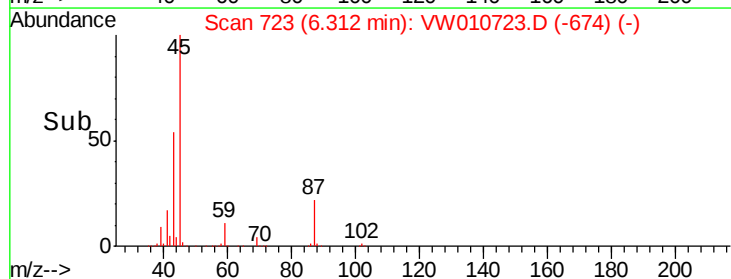
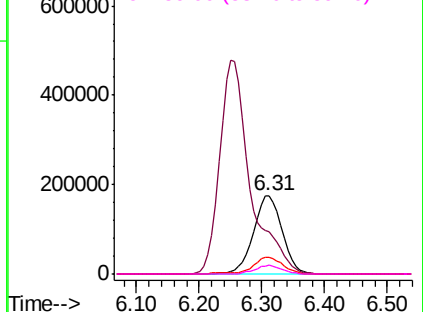
Abundance

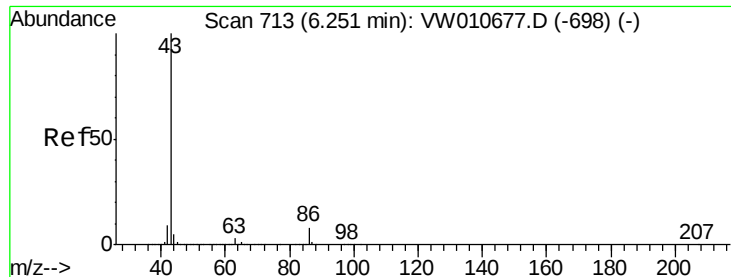
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 242.137 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

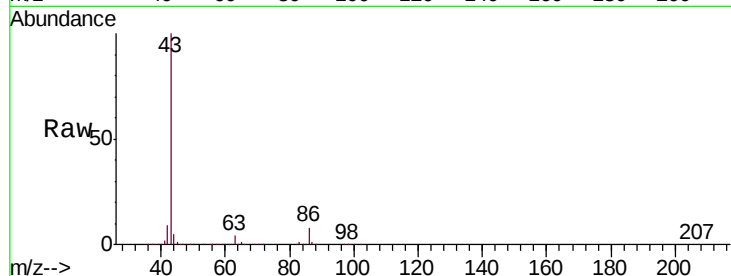
VSTDCCC050

Tgt Ion: 43 Resp: 1611919

Ion Ratio Lower Upper

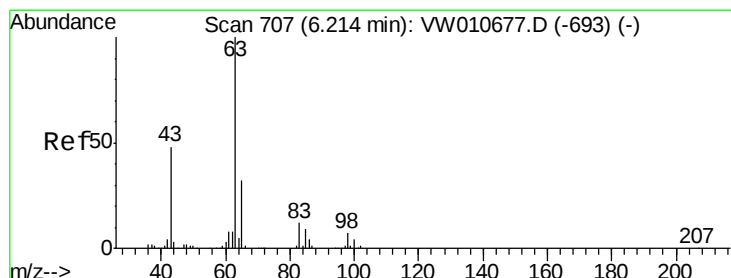
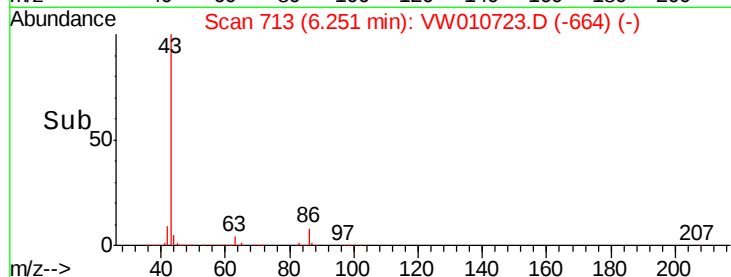
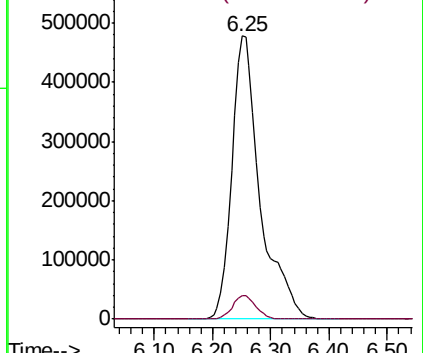
43 100

86 8.4 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: 51.880 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

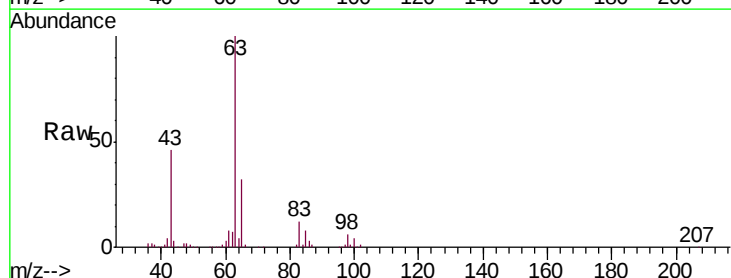
Tgt Ion: 63 Resp: 286794

Ion Ratio Lower Upper

63 100

98 5.7 3.4 10.2

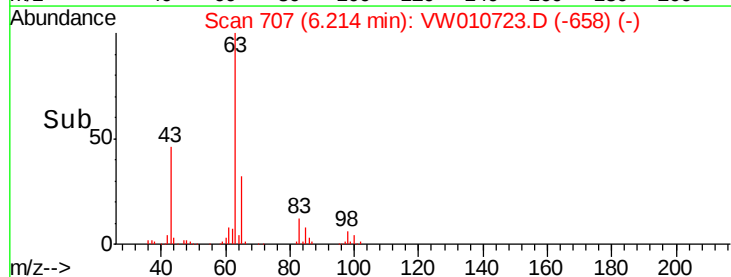
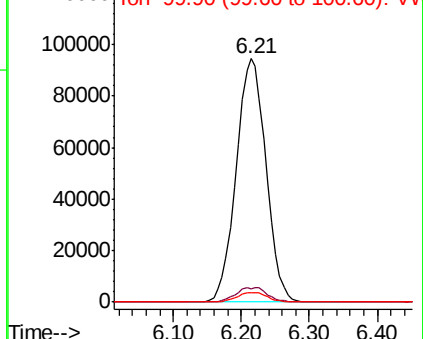
100 3.8 2.1 6.3

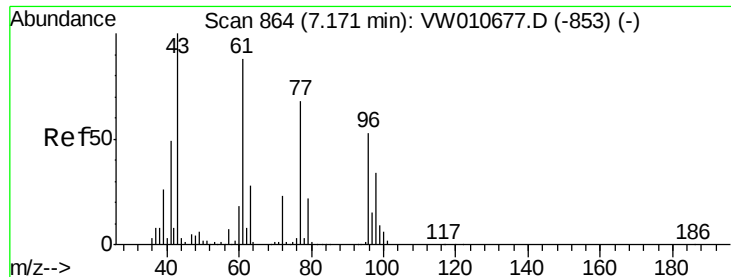


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 232.526 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

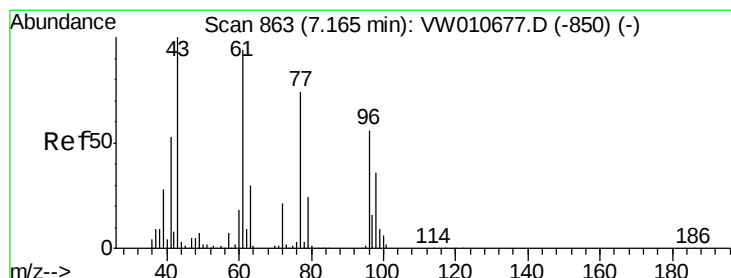
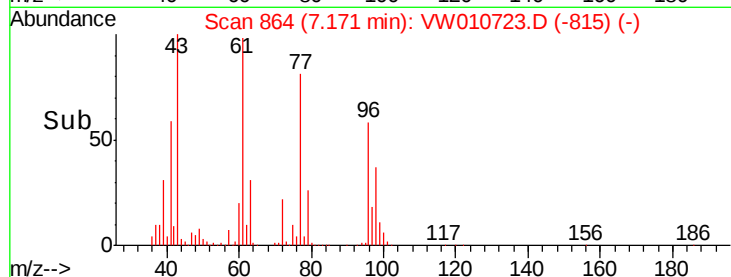
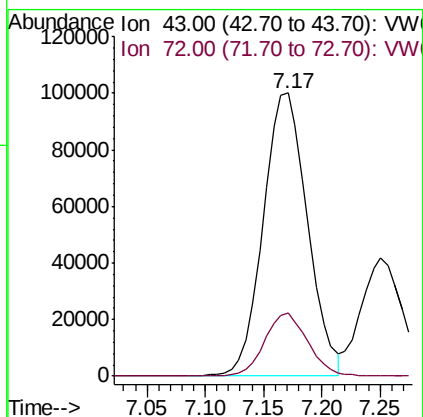
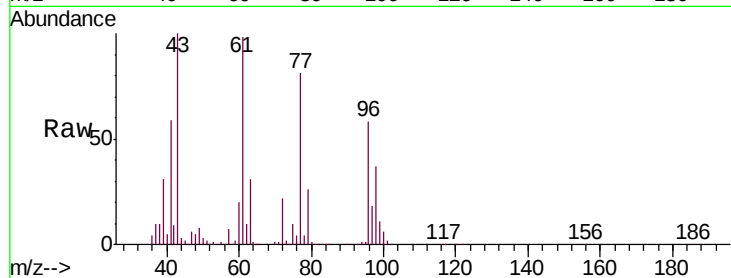
VSTDCCC050

Tgt Ion: 43 Resp: 263126

Ion Ratio Lower Upper

43 100

72 22.2 18.1 27.1



#26

2,2-Dichloropropane

Concen: 56.431 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010723.D

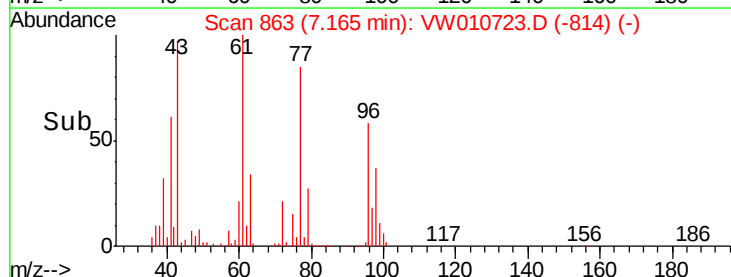
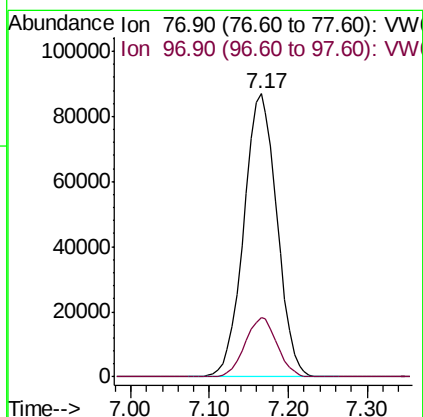
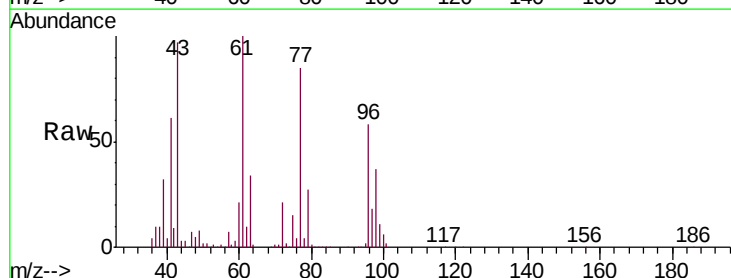
Acq: 07 Jun 2019 10:58

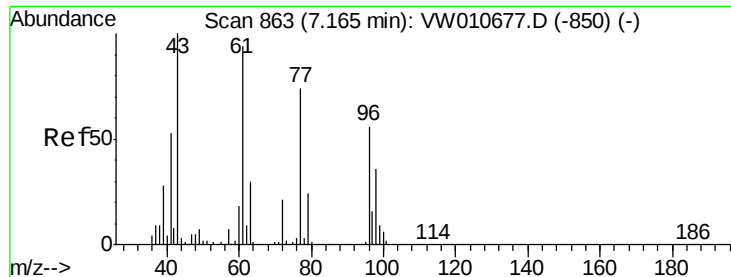
Tgt Ion: 77 Resp: 253844

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 50.844 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

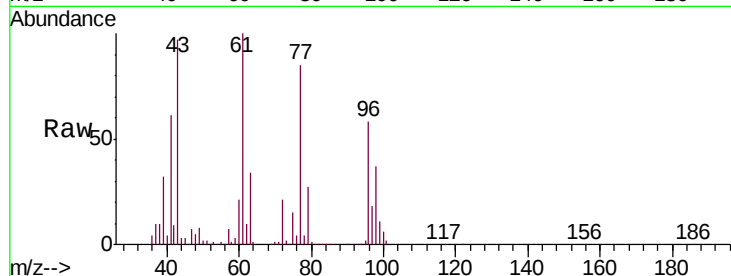
Tgt Ion: 96 Resp: 158727

Ion Ratio Lower Upper

96 100

61 172.1 0.0 336.4

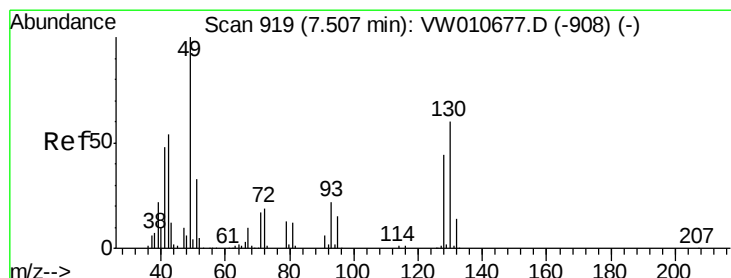
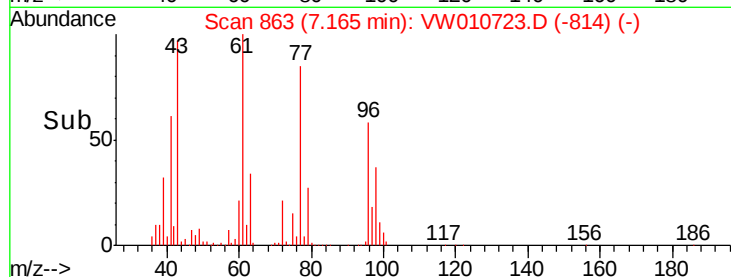
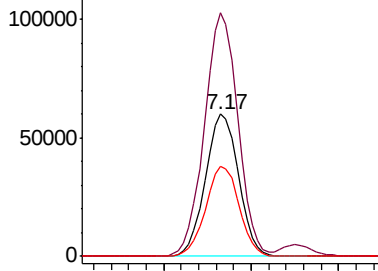
98 63.8 0.0 128.0



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: 49.323 ug/l

RT: 7.51 min Scan# 919

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

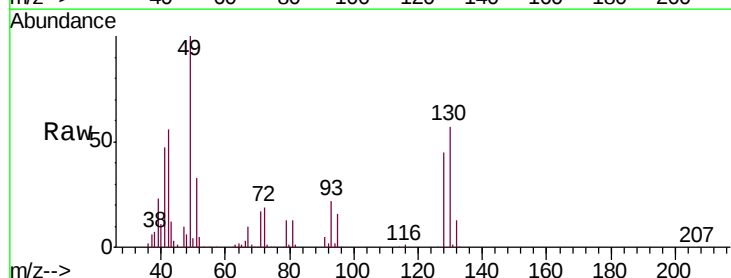
Tgt Ion: 49 Resp: 121681

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.2

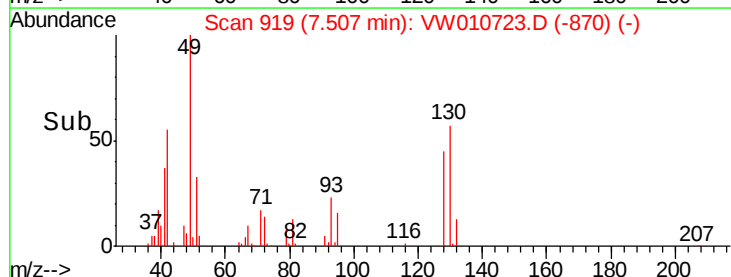
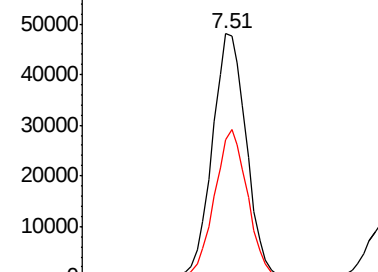
130 58.8 48.3 72.5

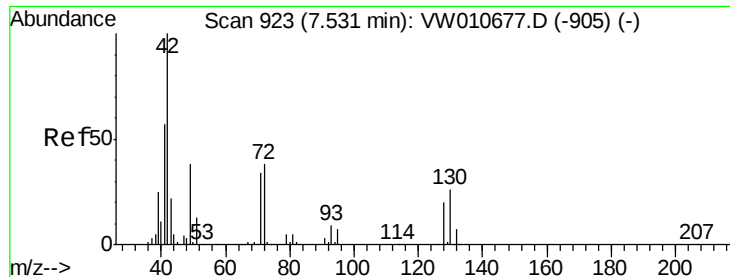


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

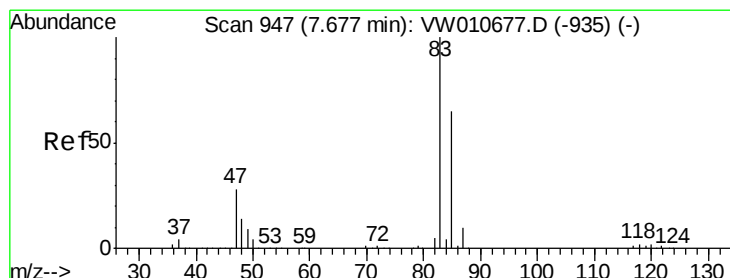
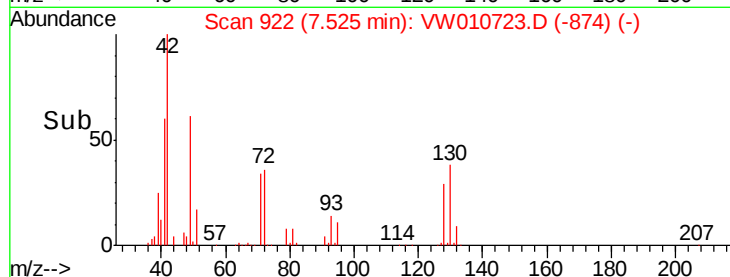
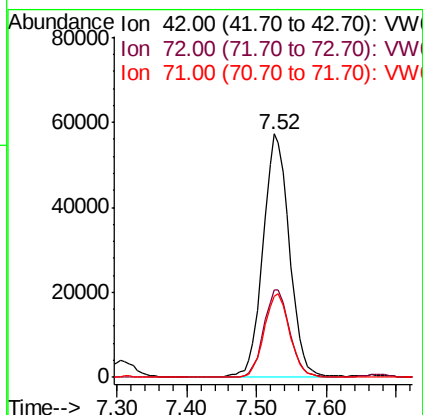
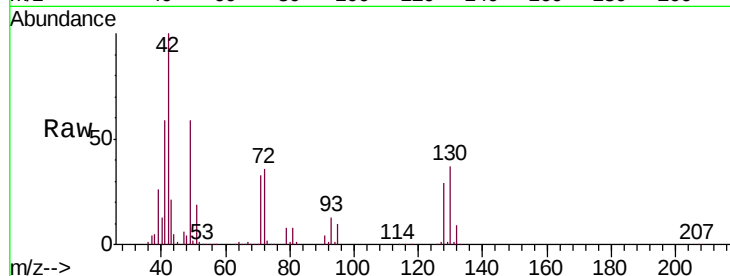




#29
Tetrahydrofuran
Concen: 210.237 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

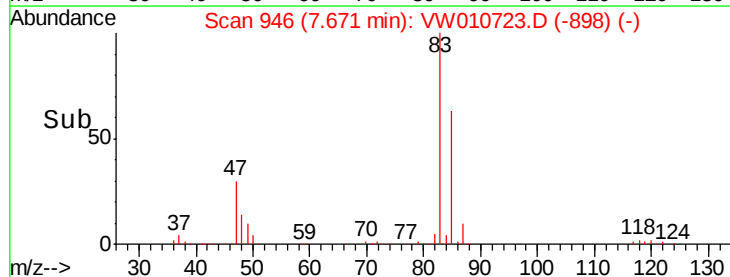
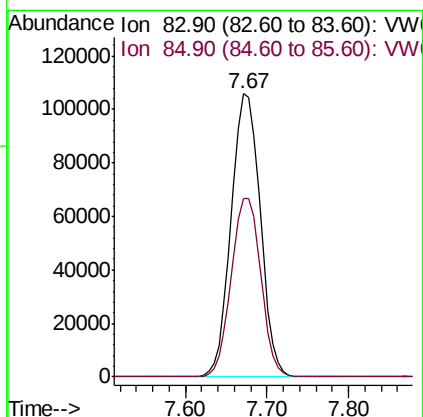
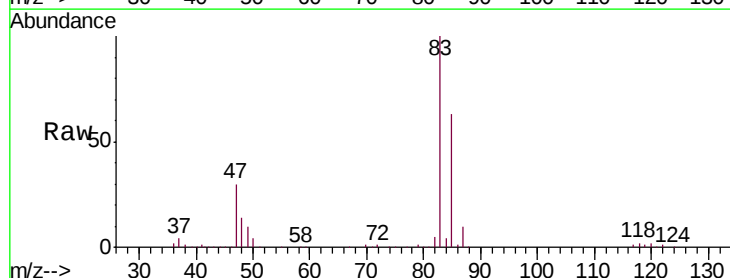
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

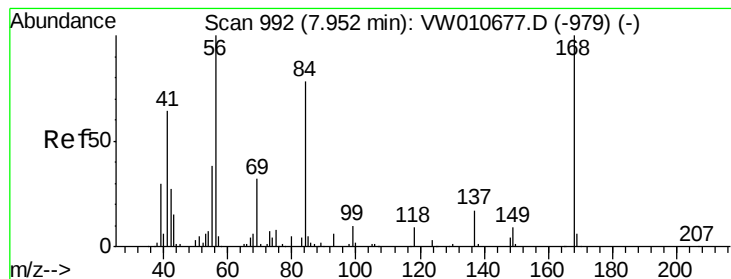
Tgt Ion: 42 Resp: 149640
Ion Ratio Lower Upper
42 100
72 35.5 28.7 43.1
71 33.5 26.6 39.8



#30
Chloroform
Concen: 51.627 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 83 Resp: 261043
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.8





#31

Cyclohexane

Concen: 49.580 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

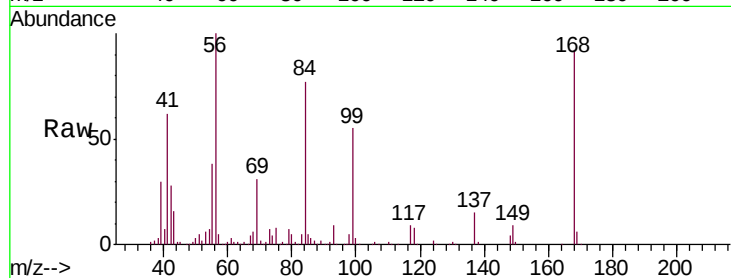
Tgt Ion: 56 Resp: 304672

Ion Ratio Lower Upper

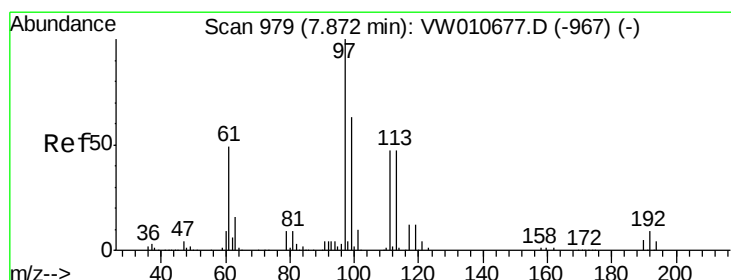
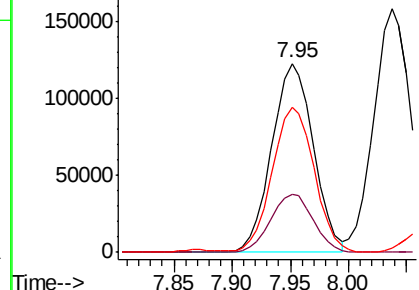
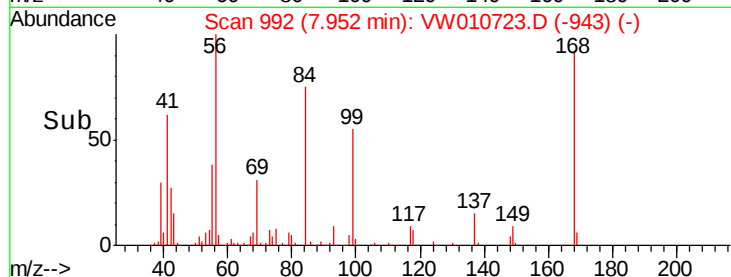
56 100

69 30.9 25.2 37.8

84 75.9 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: 53.307 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

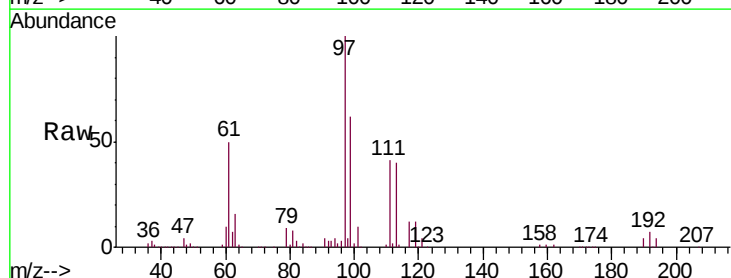
Tgt Ion: 97 Resp: 235448

Ion Ratio Lower Upper

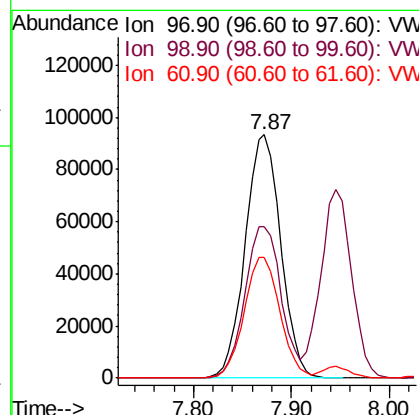
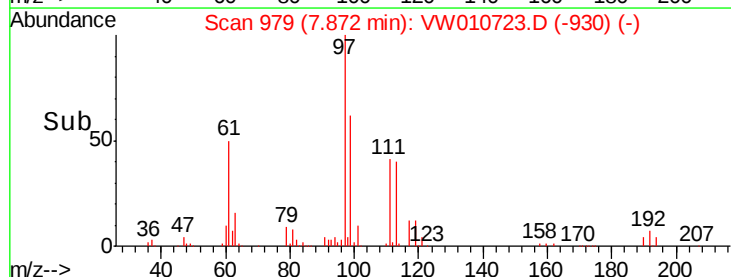
97 100

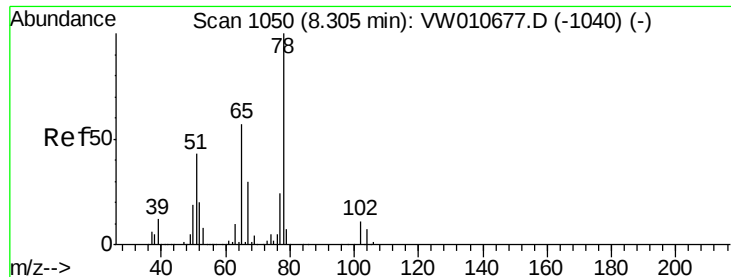
99 63.8 51.3 76.9

61 50.2 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

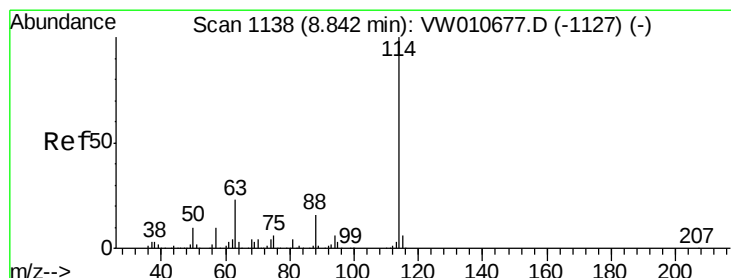
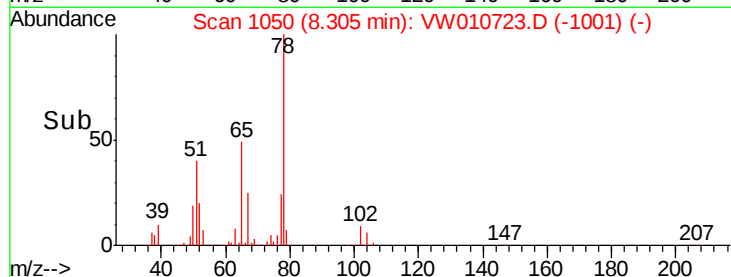
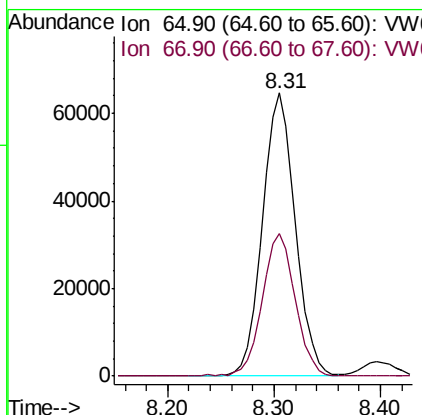
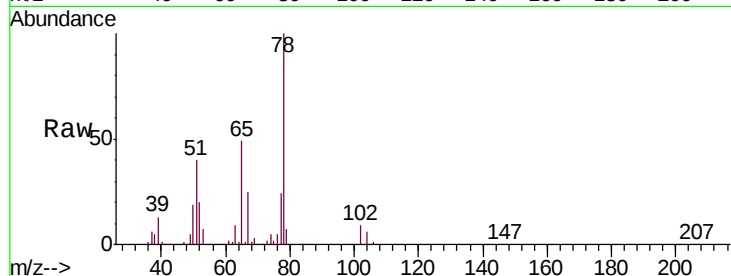




#33
 1,2-Dichloroethane-d4
 Concen: 45.624 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

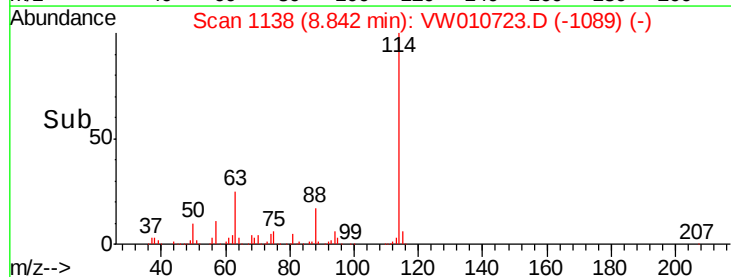
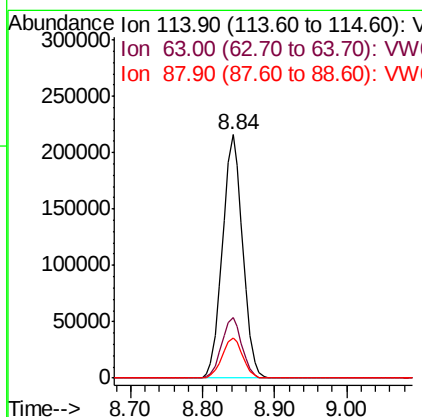
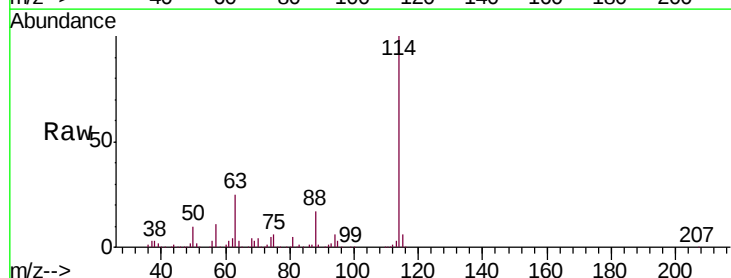
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

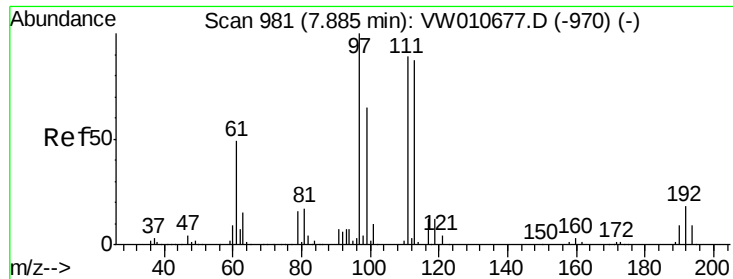
Tgt Ion: 65 Resp: 138955
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 114 Resp: 420864
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 46.4
 88 16.6 0.0 32.2

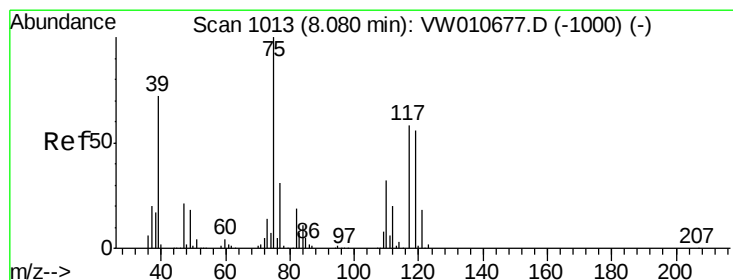
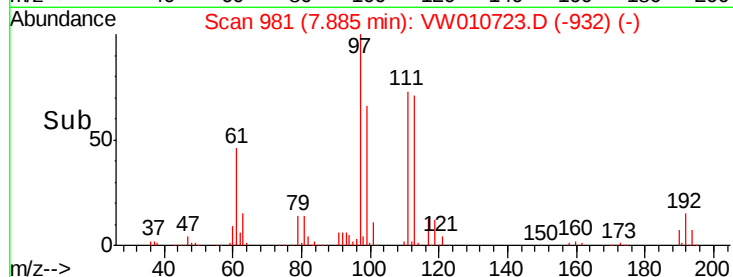
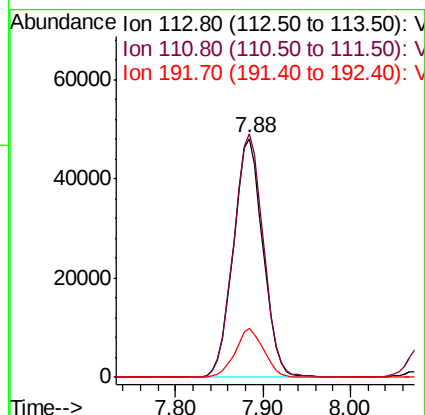
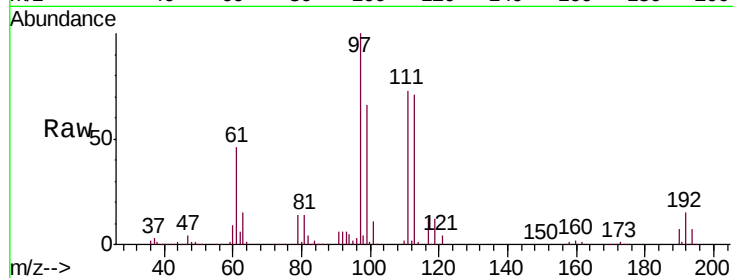




#35
 Dibromofluoromethane
 Concen: 49.475 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

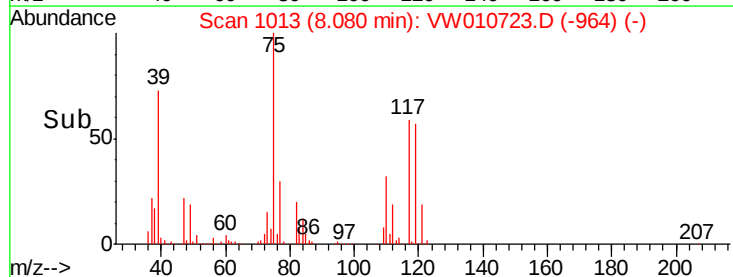
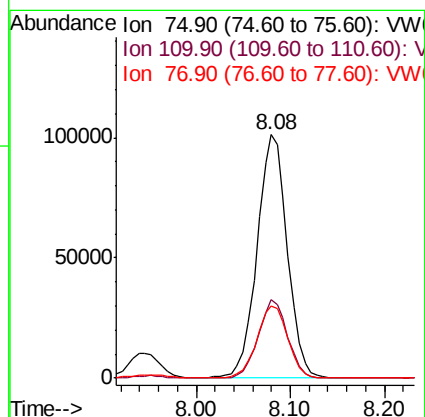
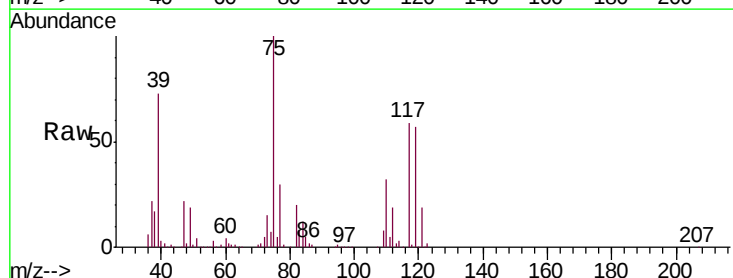
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 113018
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 52.411 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 75 Resp: 225788
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.8 47.3
 77 30.8 24.7 37.1

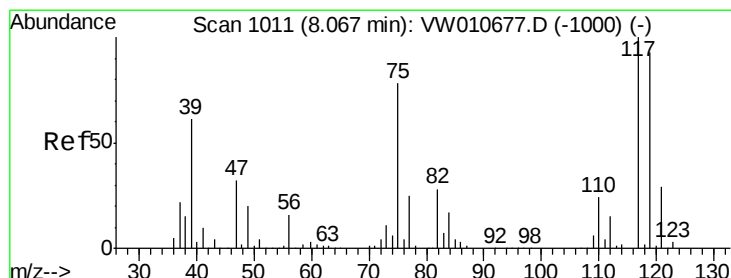
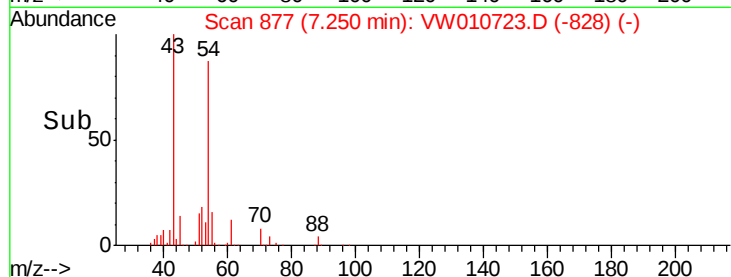
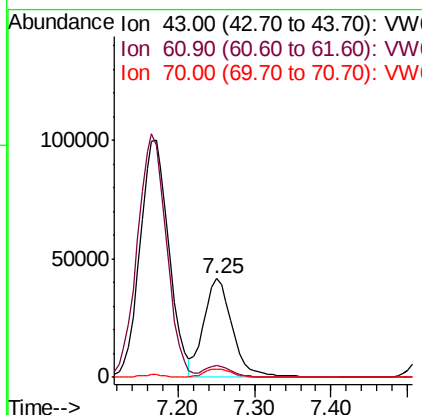
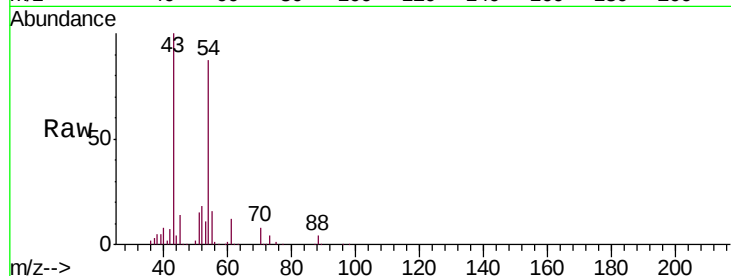




#37
Ethyl Acetate
Concen: 44.841 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

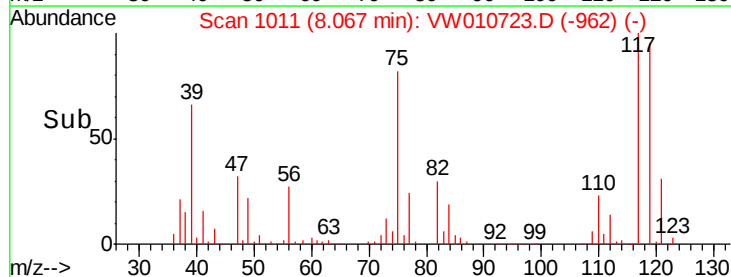
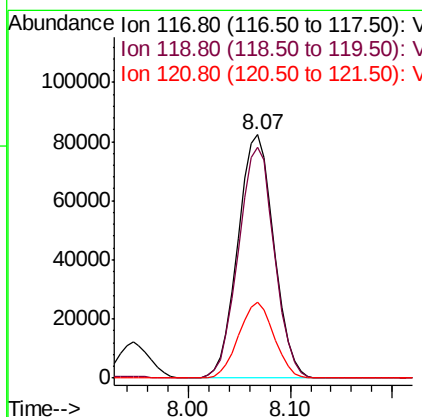
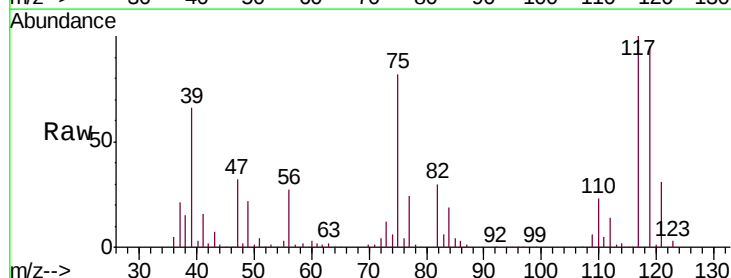
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

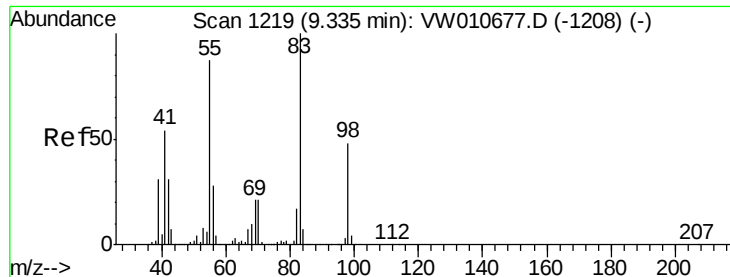
Tgt Ion: 43 Resp: 107047
Ion Ratio Lower Upper
43 100
61 11.9 9.7 14.5
70 8.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 54.285 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 117 Resp: 201882
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
121 31.3 22.9 34.3

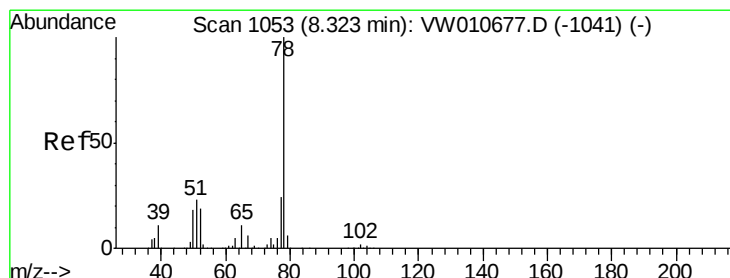
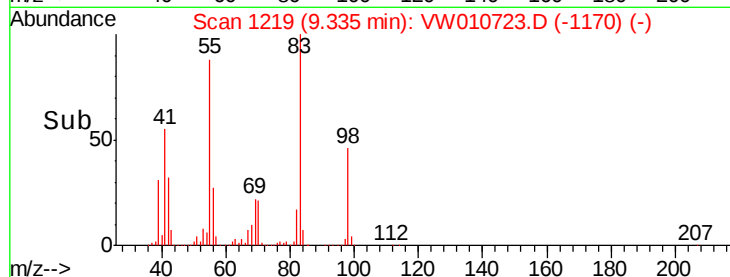
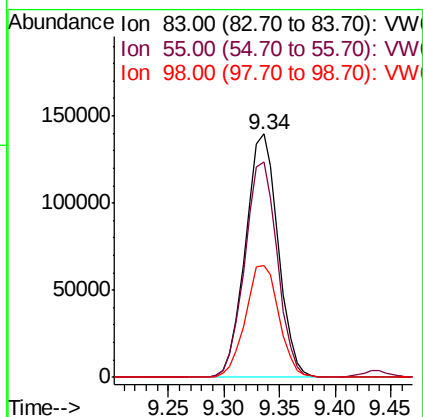
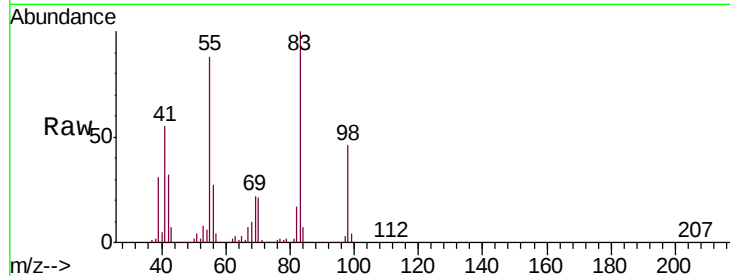




#39
Methylcyclohexane
Concen: 52.066 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

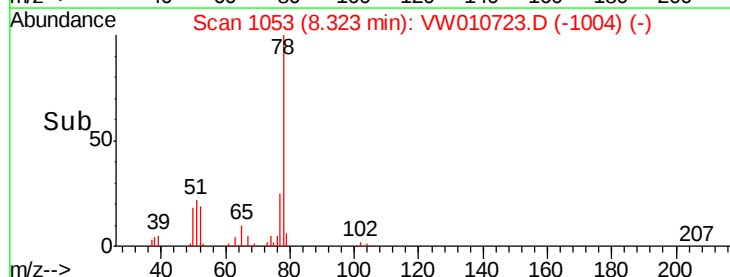
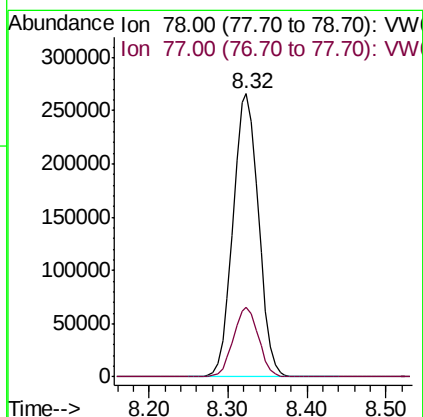
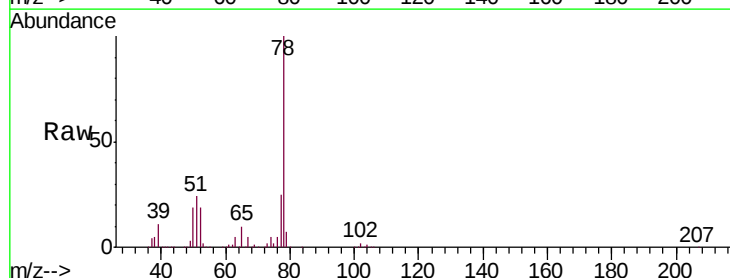
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

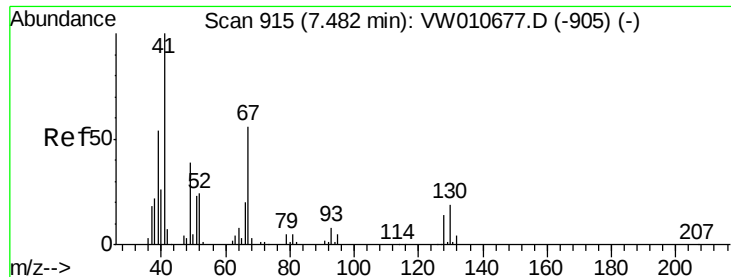
Tgt Ion: 83 Resp: 285140
Ion Ratio Lower Upper
83 100
55 88.3 70.0 105.0
98 45.9 38.1 57.1



#40
Benzene
Concen: 50.962 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 78 Resp: 598928
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

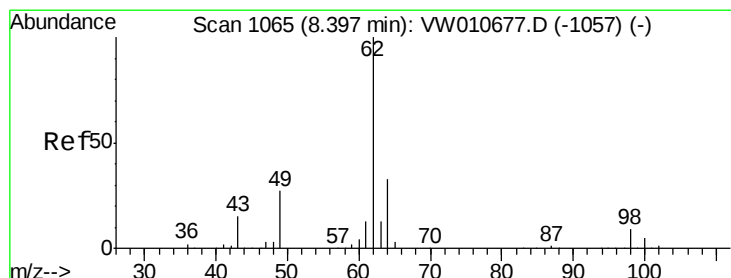
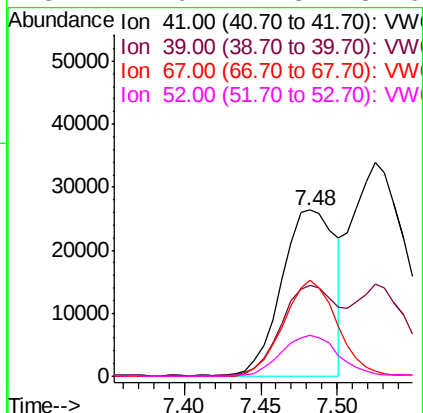
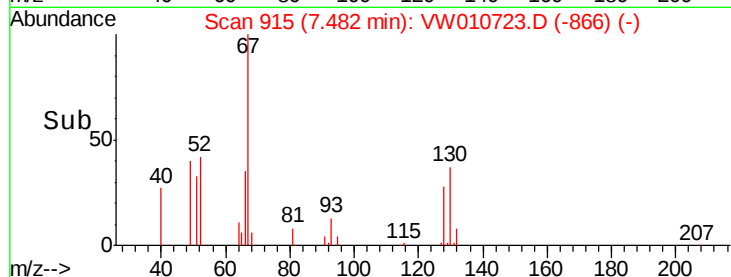
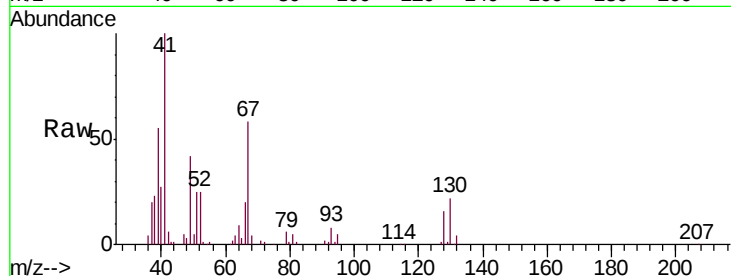




#41
Methacrylonitrile
Concen: 45.474 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

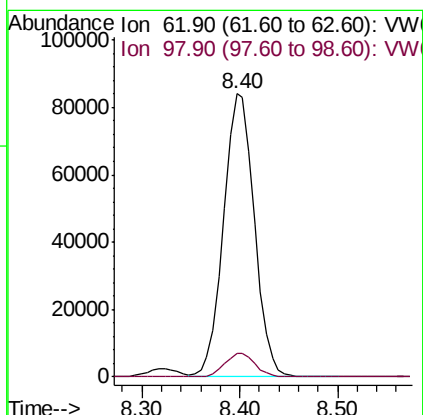
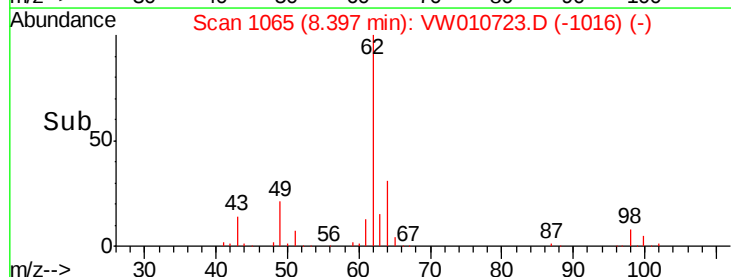
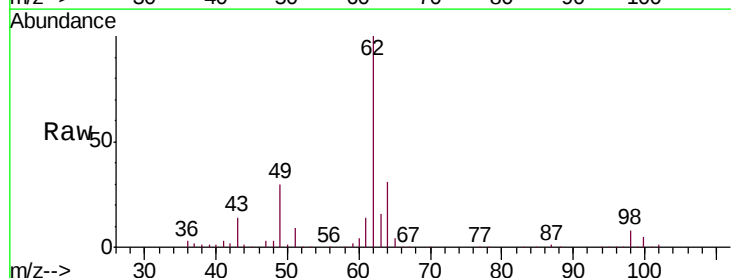
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

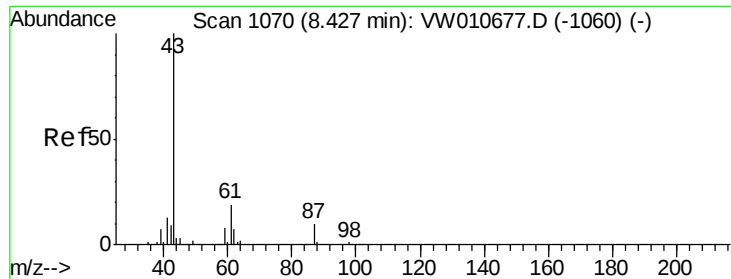
Tgt Ion:	41	Resp:	64527
Ion	Ratio	Lower	Upper
41	100		
39	60.3	47.3	70.9
67	58.3	47.2	70.8
52	27.0	21.3	31.9



#42
1,2-Dichloroethane
Concen: 49.034 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion:	62	Resp:	182897
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2

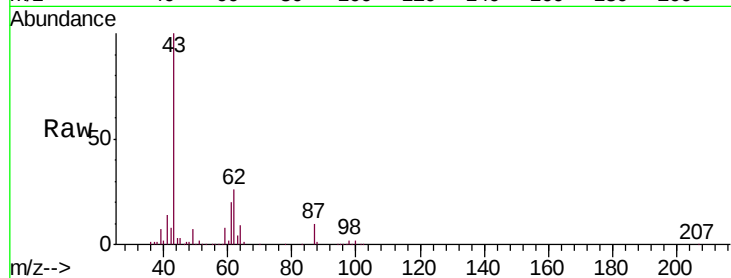




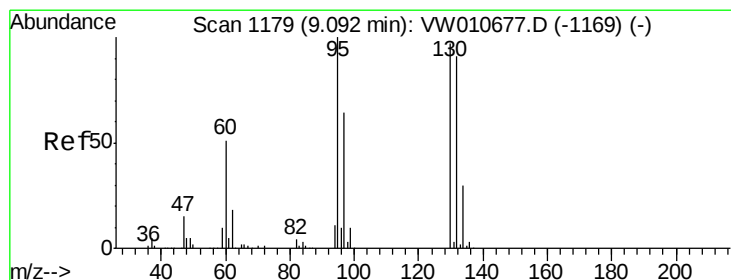
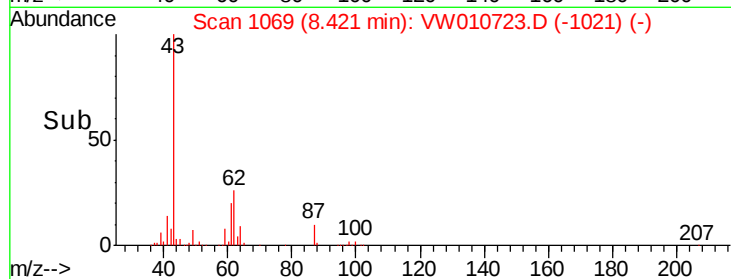
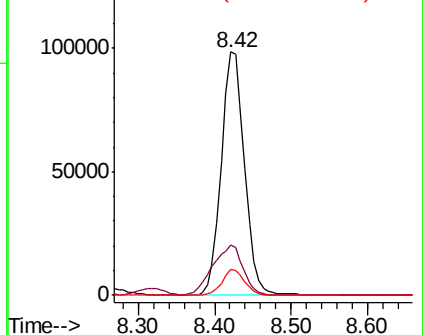
#43
Isopropyl Acetate
Concen: 44.732 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 206306
Ion Ratio Lower Upper
43 100
61 27.3 21.2 31.8
87 10.5 8.3 12.5

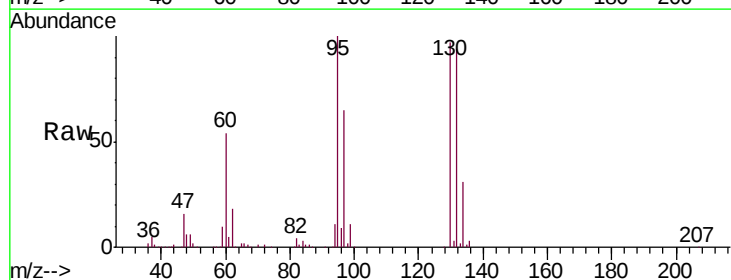


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

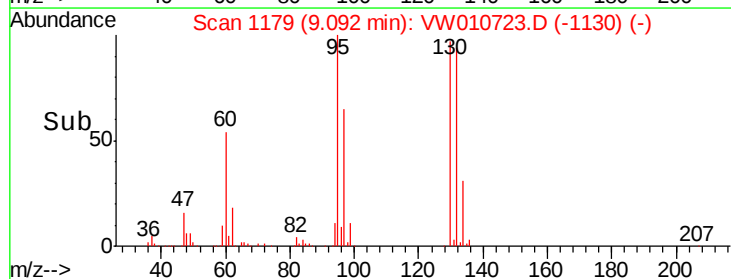
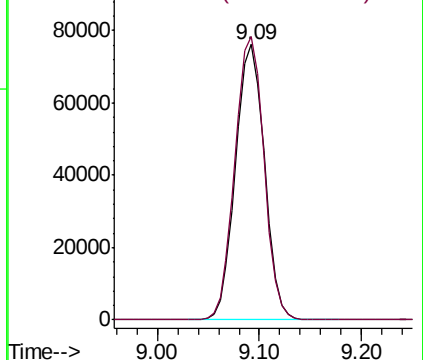


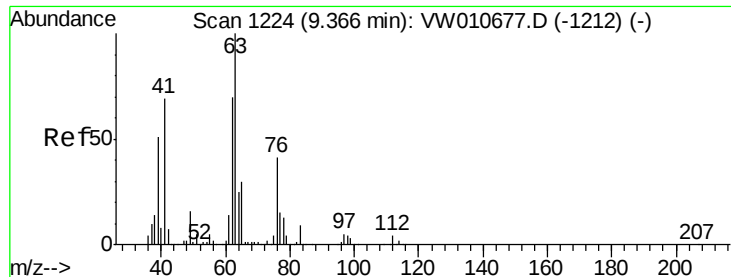
#44
Trichloroethene
Concen: 51.705 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 130 Resp: 149896
Ion Ratio Lower Upper
130 100
95 102.8 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: 50.618 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

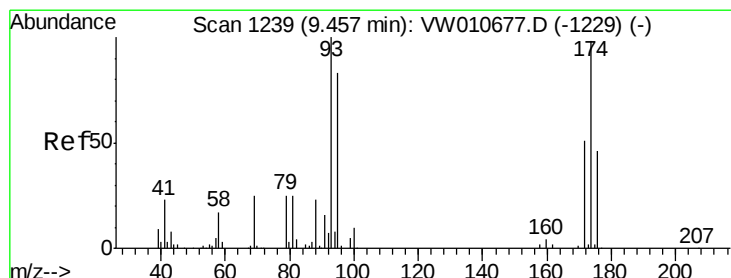
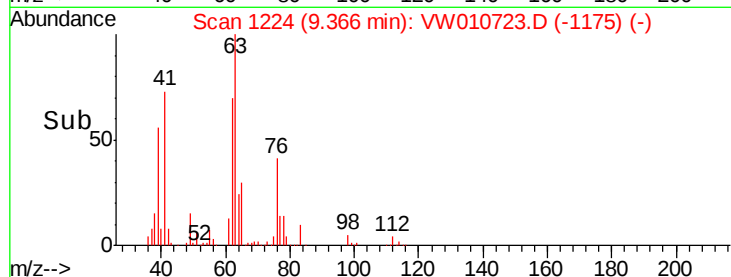
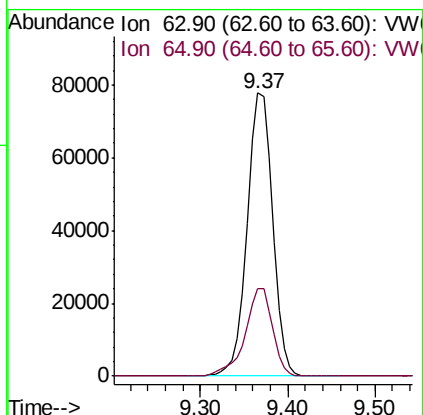
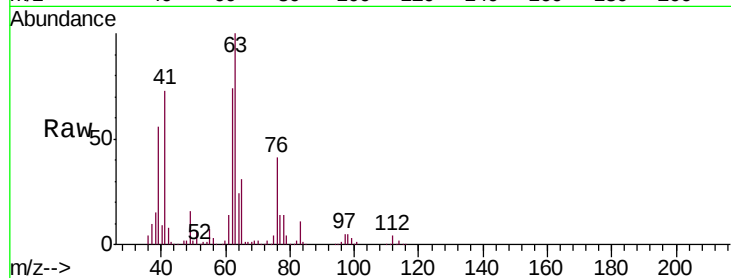
VSTDCCC050

Tgt Ion: 63 Resp: 157476

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 47.387 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

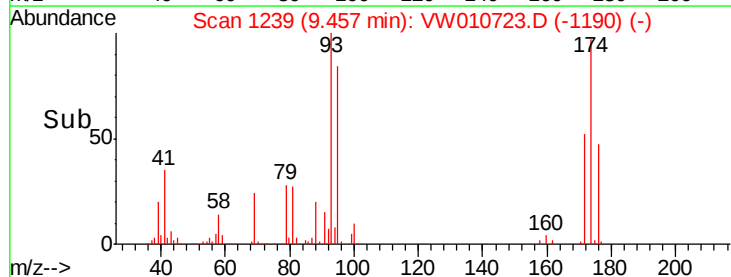
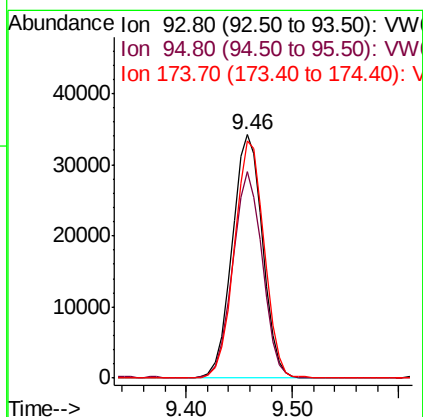
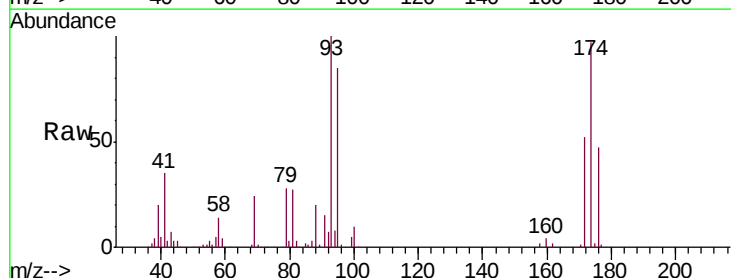
Tgt Ion: 93 Resp: 68475

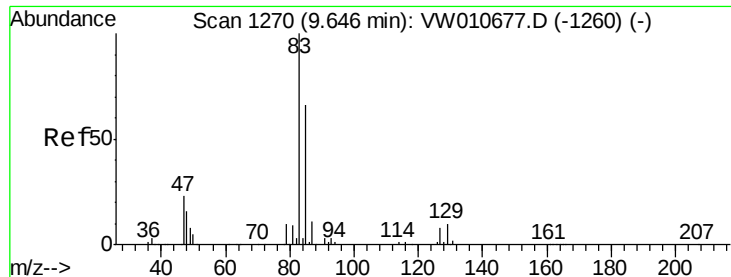
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 96.0 77.4 116.0

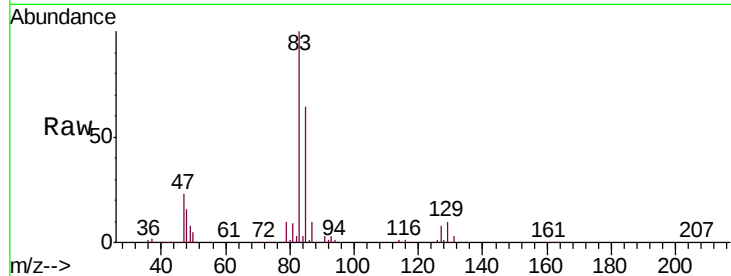




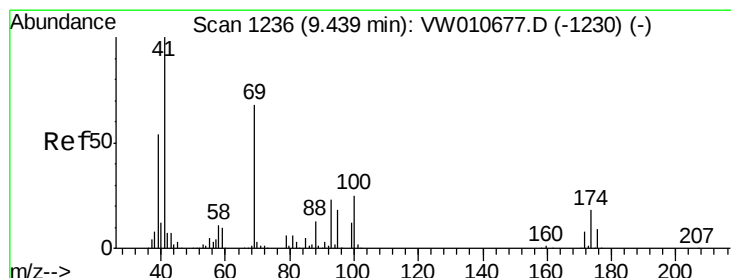
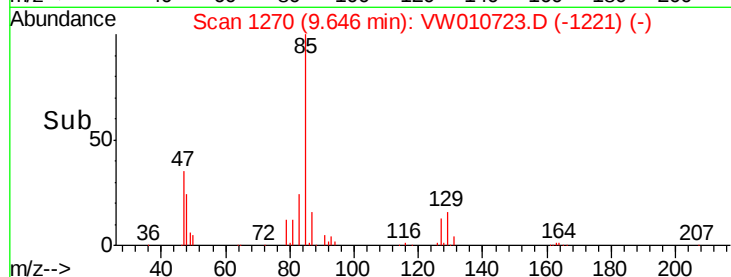
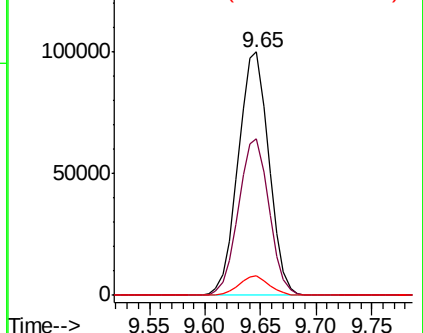
#47
 Bromodichloromethane
 Concen: 51.136 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 191539
 Ion Ratio Lower Upper
 83 100
 85 64.2 53.0 79.4
 127 8.1 6.4 9.6

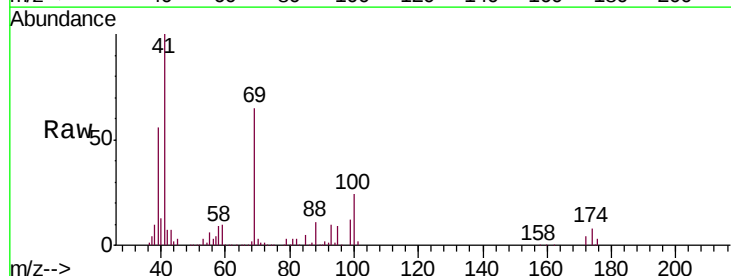


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

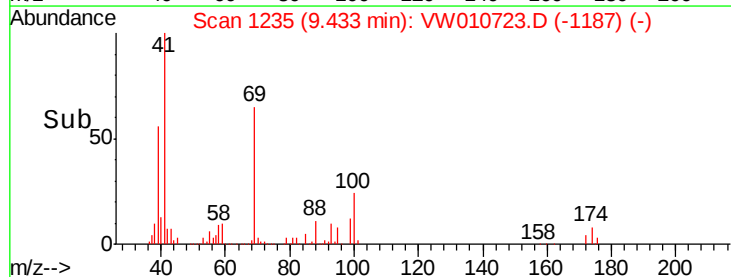
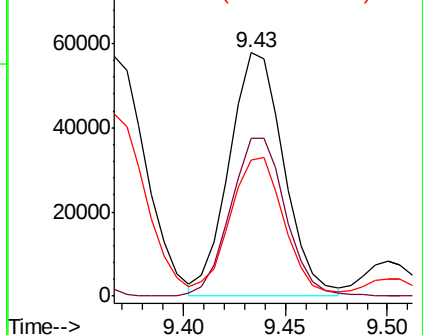


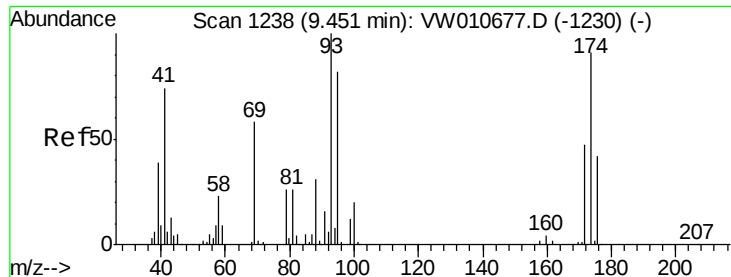
#48
 Methyl methacrylate
 Concen: 48.182 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 41 Resp: 107141
 Ion Ratio Lower Upper
 41 100
 69 65.9 56.6 85.0
 39 53.1 44.4 66.6



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

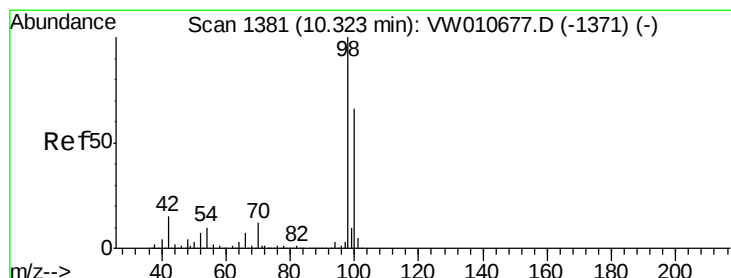
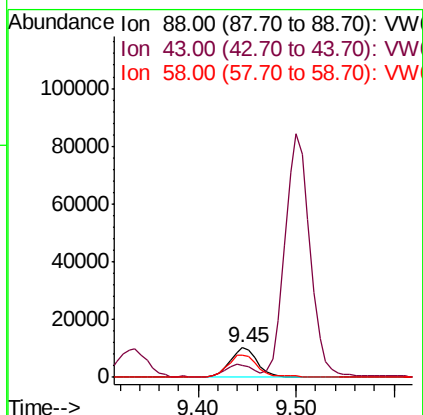
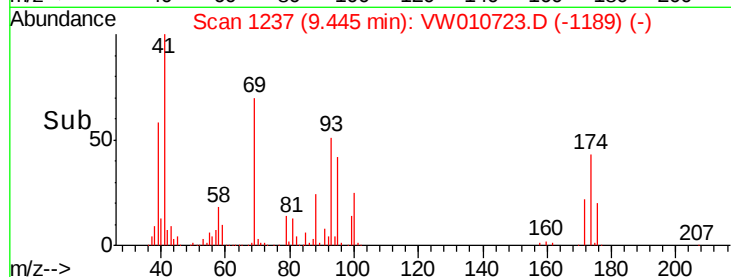
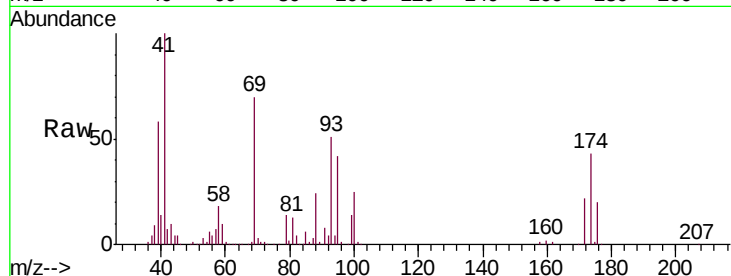




#49
1,4-Dioxane
Concen: 882.173 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

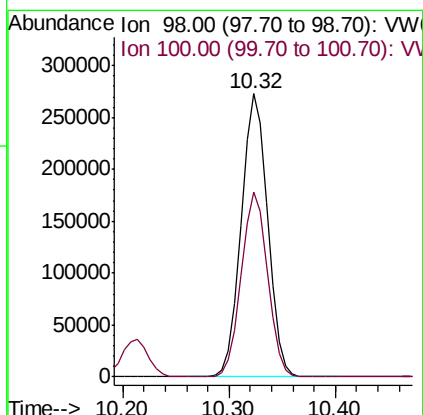
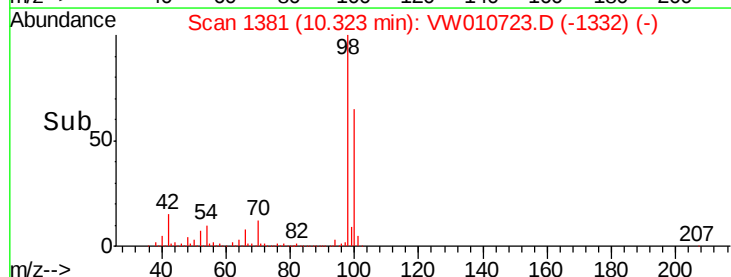
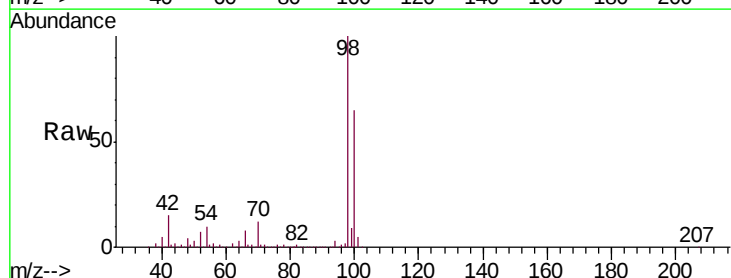
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

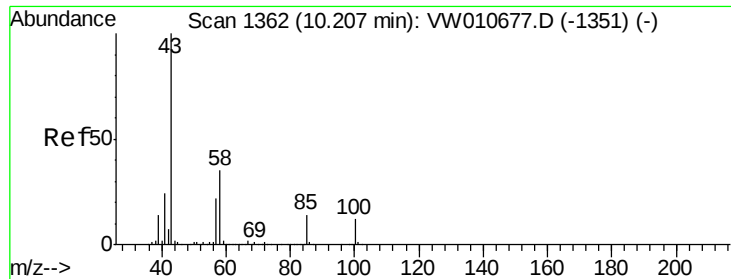
Tgt Ion: 88 Resp: 19930
Ion Ratio Lower Upper
88 100
43 42.7 34.2 51.4
58 83.8 69.0 103.4



#50
Toluene-d8
Concen: 47.671 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 98 Resp: 477528
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6

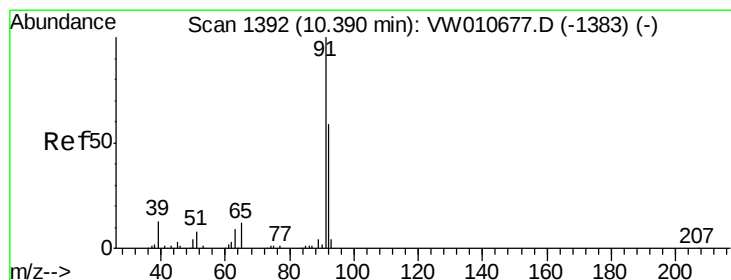
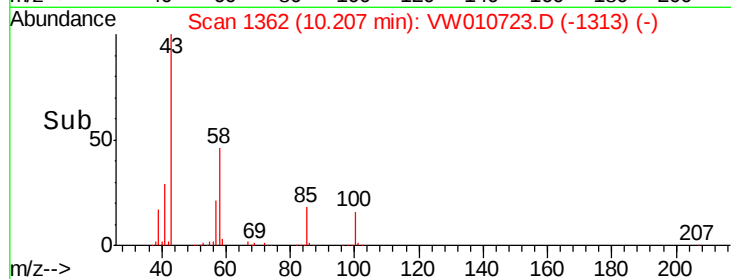
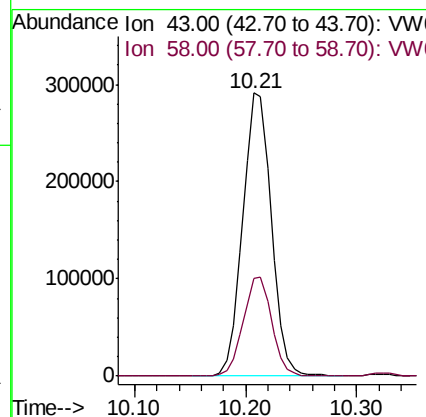
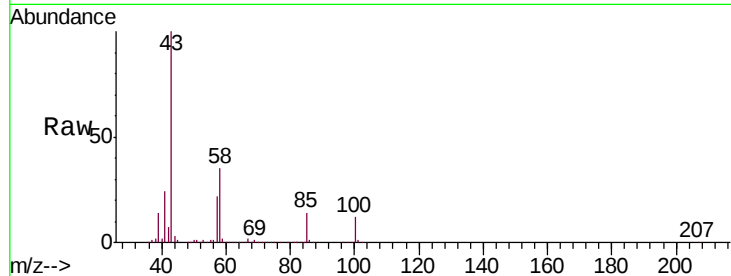




#51
 4-Methyl-2-Pentanone
 Concen: 220.394 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

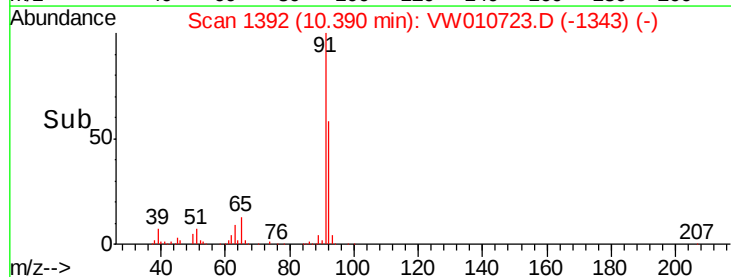
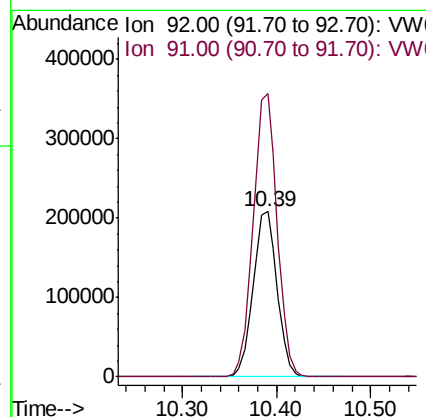
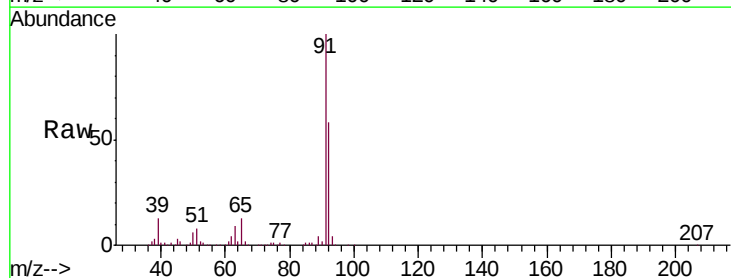
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

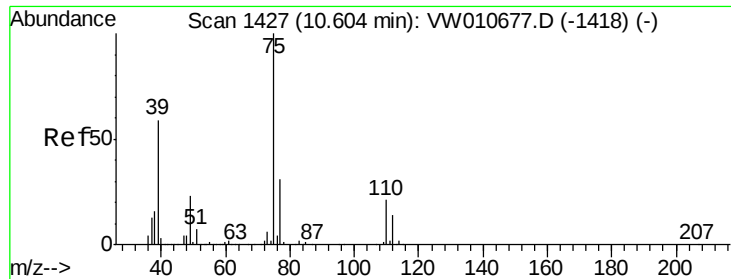
Tgt Ion: 43 Resp: 519282
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.4 42.6



#52
 Toluene
 Concen: 51.522 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 92 Resp: 372556
 Ion Ratio Lower Upper
 92 100
 91 171.4 134.9 202.3

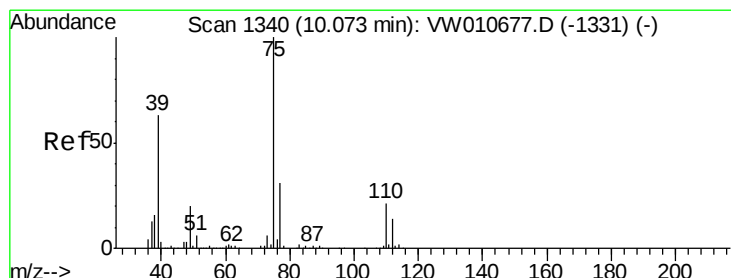
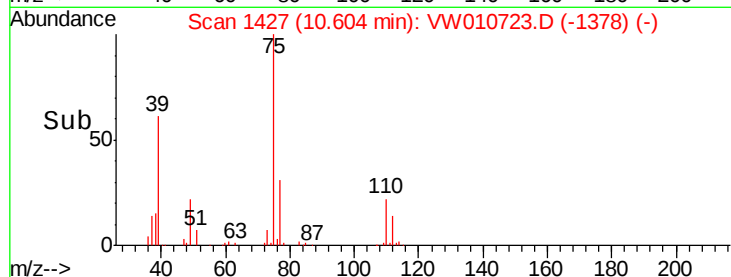
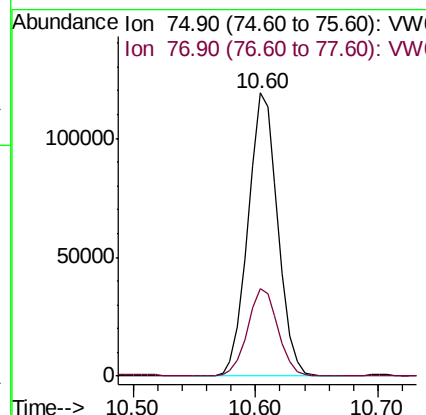
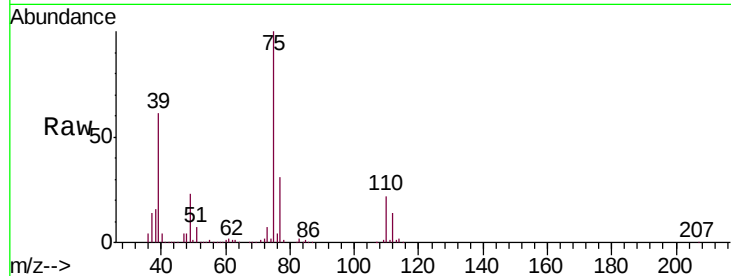




#53
 t-1,3-Dichloropropene
 Concen: 50.581 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

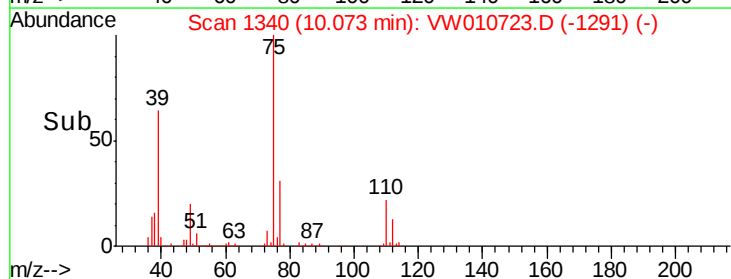
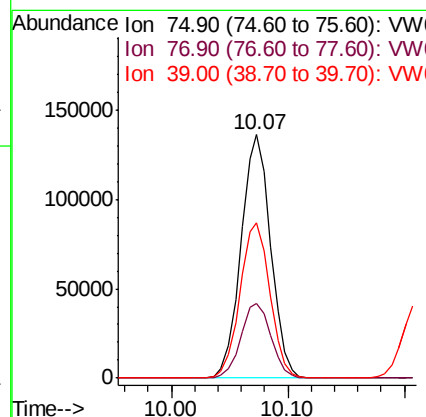
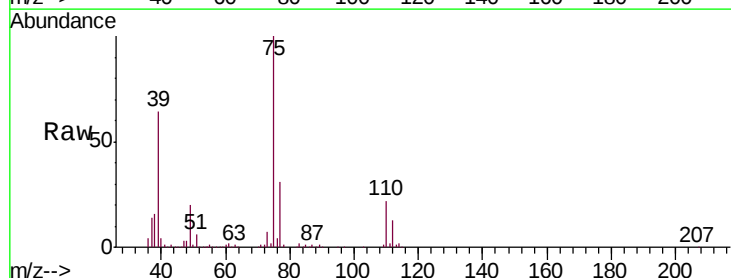
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

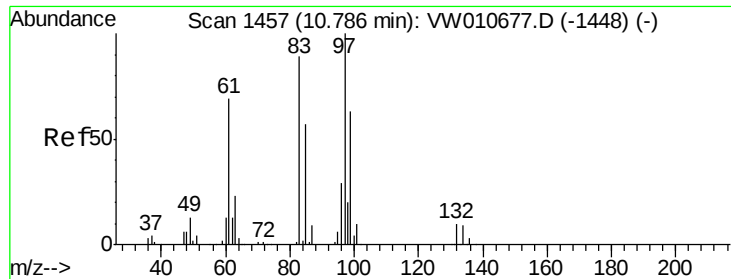
Tgt Ion: 75 Resp: 200676
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.823 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 75 Resp: 241934
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 63.6 50.1 75.1

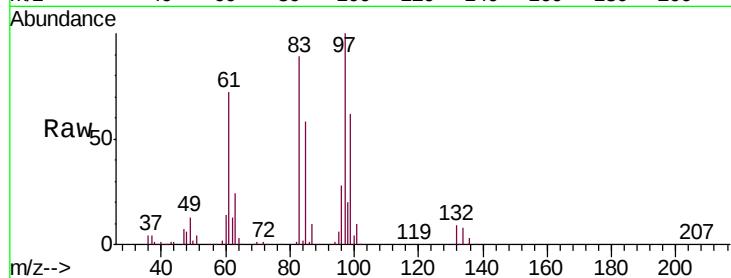




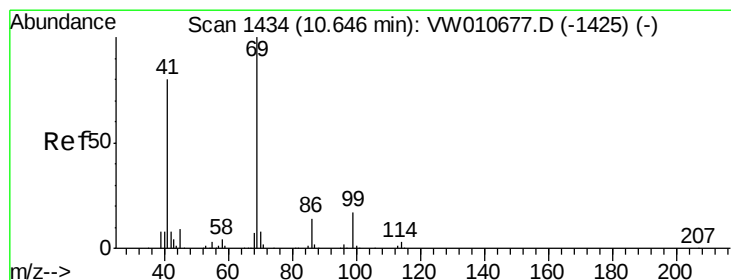
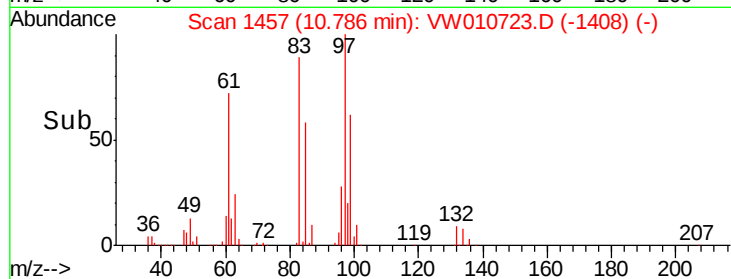
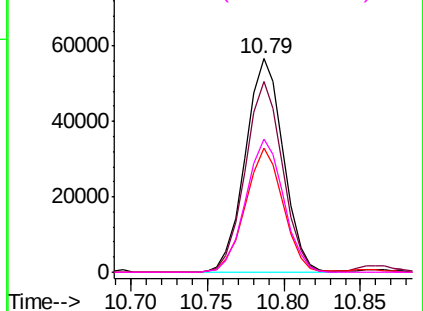
#55
 1,1,2-Trichloroethane
 Concen: 47.008 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	97855
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.1	106.7
85	58.1	45.2	67.8
99	62.4	50.0	75.0

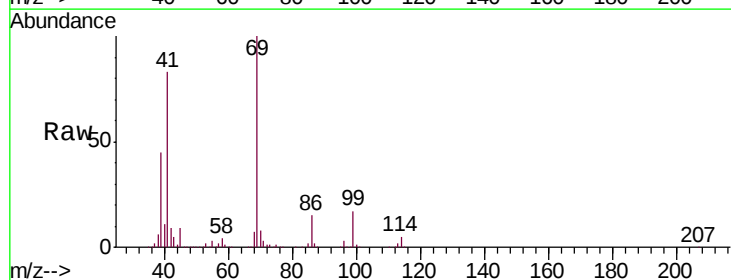


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

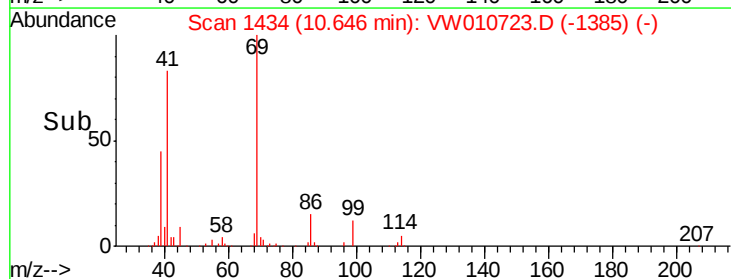
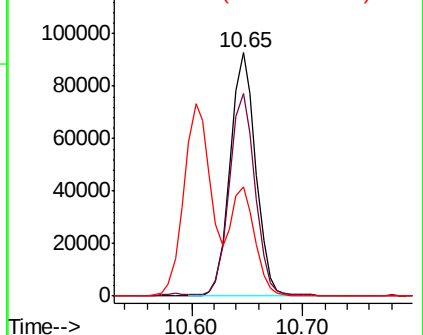


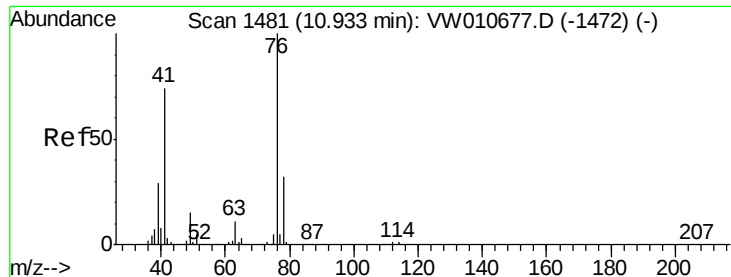
#56
 Ethyl methacrylate
 Concen: 46.223 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion:	69	Resp:	148059
Ion	Ratio	Lower	Upper
69	100		
41	83.0	64.8	97.2
39	42.0	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

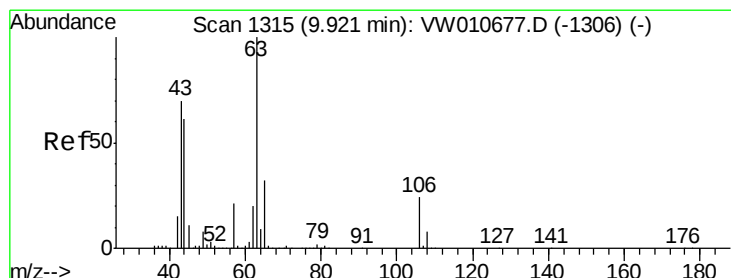
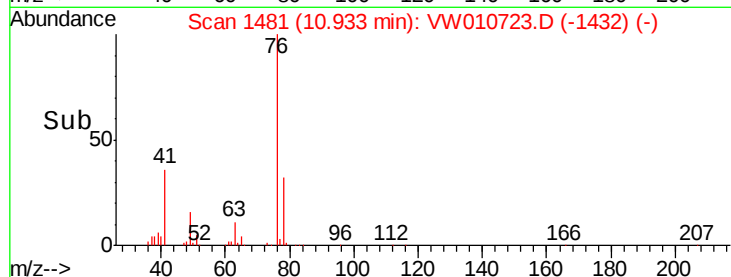
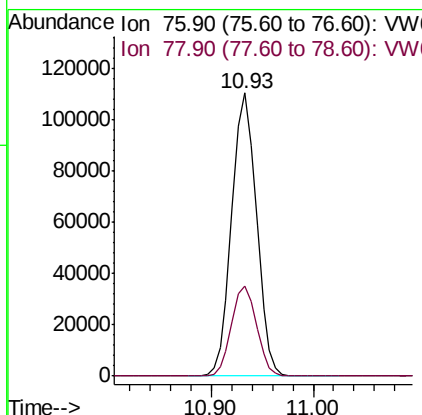
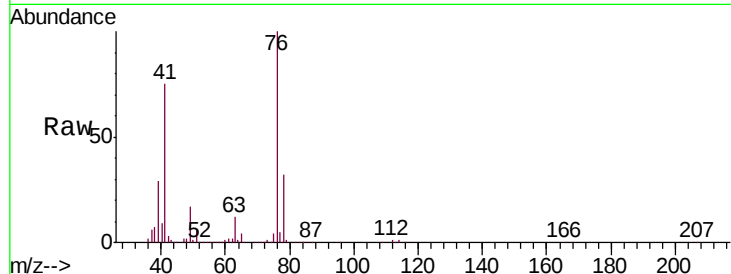




#57
 1,3-Dichloropropane
 Concen: 47.363 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

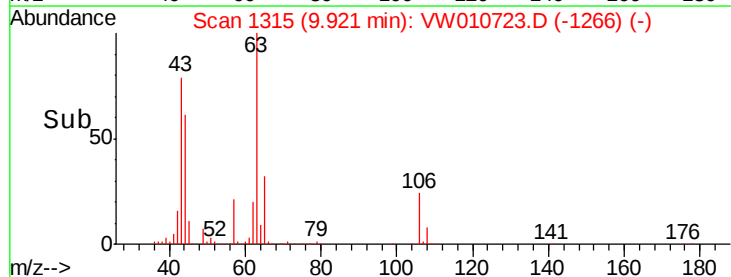
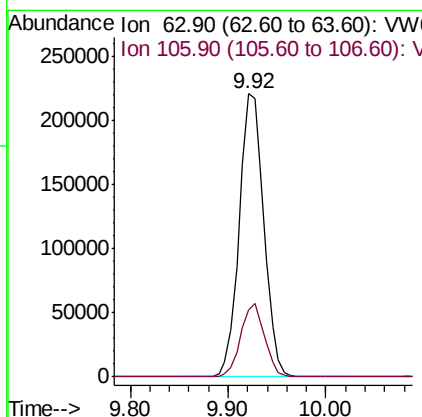
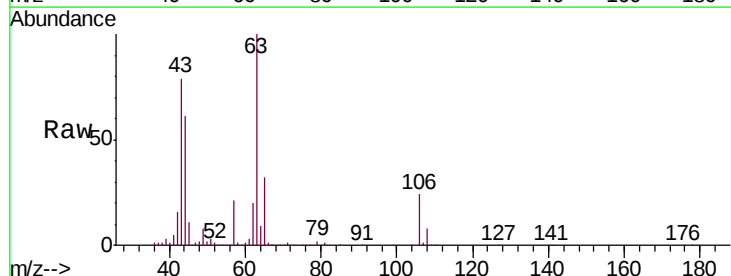
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

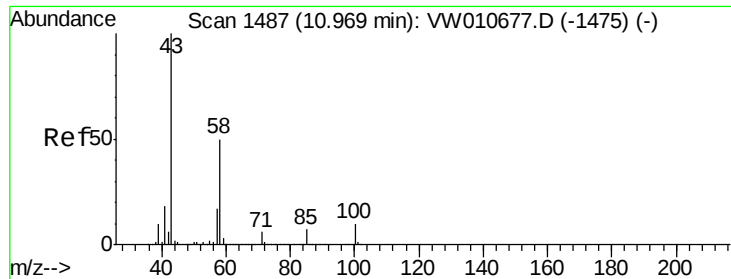
Tgt Ion: 76 Resp: 185806
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.401 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 63 Resp: 384874
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.1 30.1

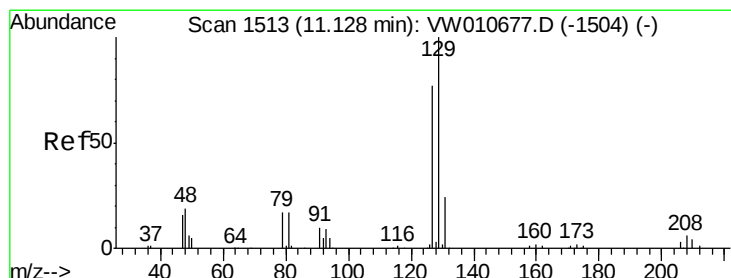
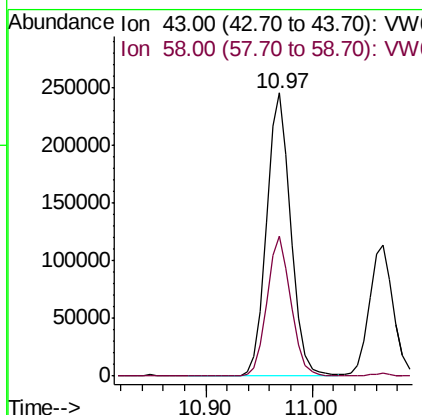
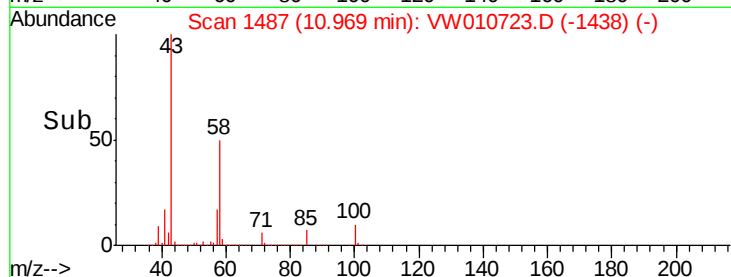
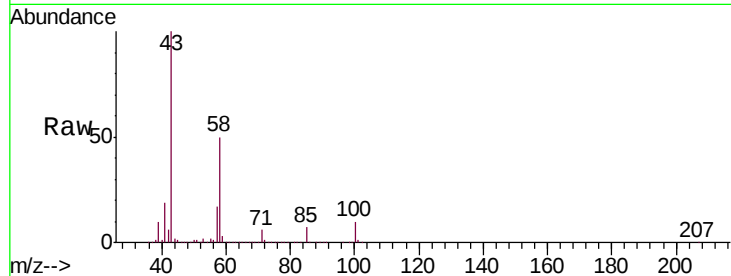




#59
2-Hexanone
Concen: 228.697 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

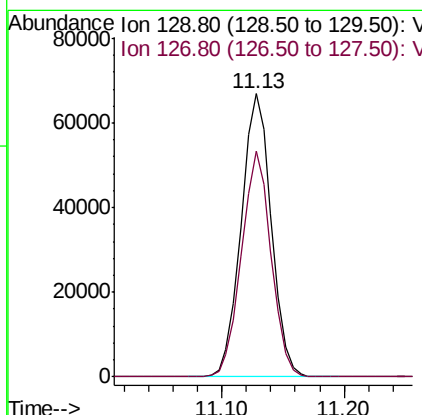
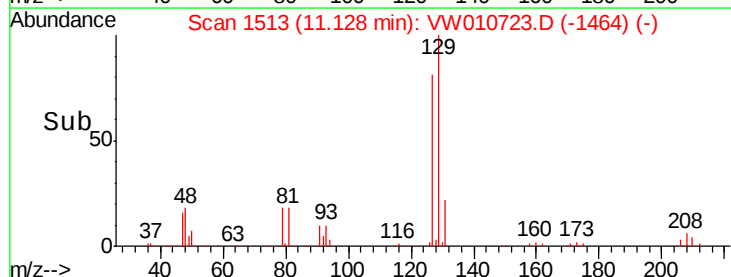
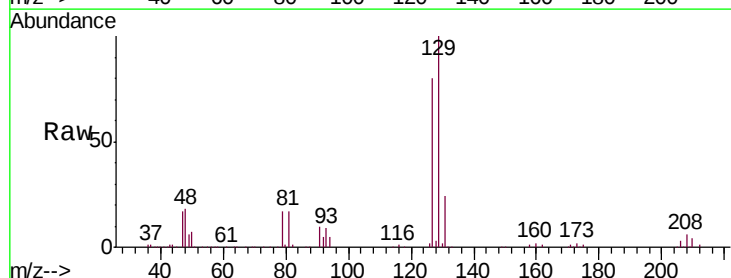
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

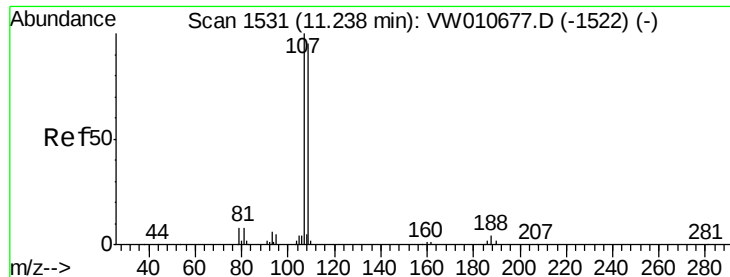
Tgt Ion: 43 Resp: 389436
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6



#60
Dibromochloromethane
Concen: 49.423 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 129 Resp: 114048
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 46.870 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

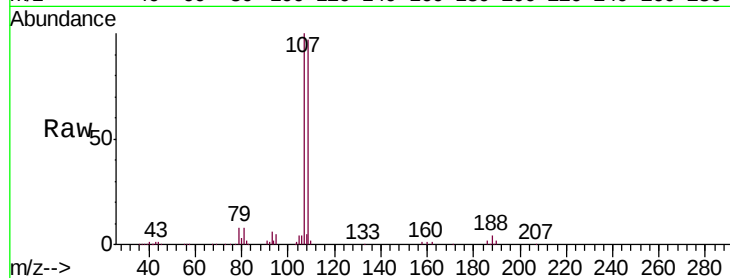
VSTDCCC050

Tgt Ion: 107 Resp: 92442

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

60000

50000

40000

30000

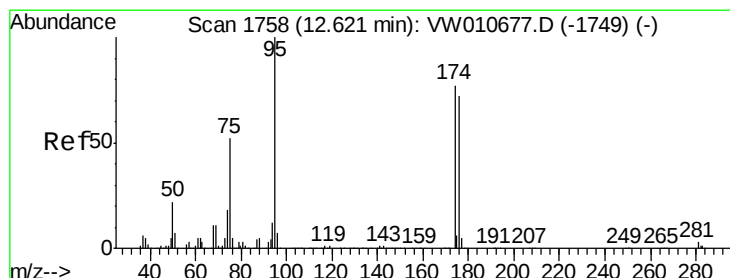
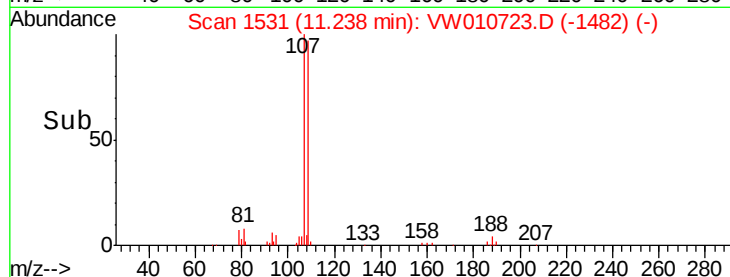
20000

10000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 47.196 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

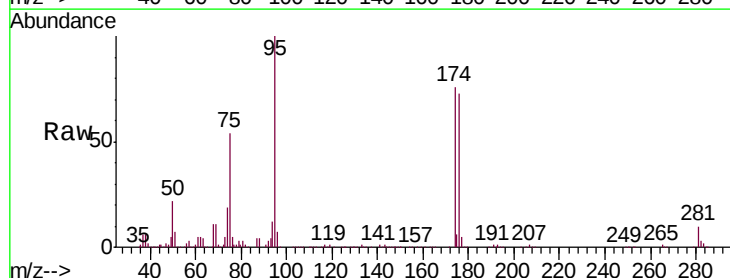
Tgt Ion: 95 Resp: 172036

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.4

176 71.9 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

12.62

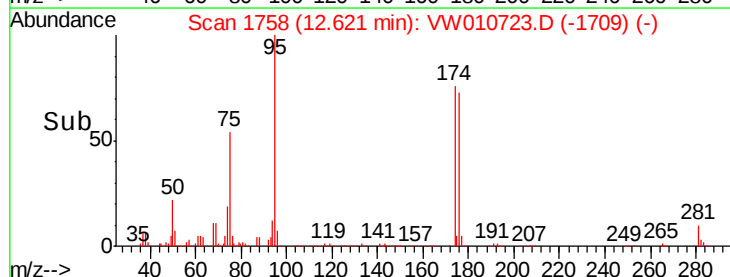
100000

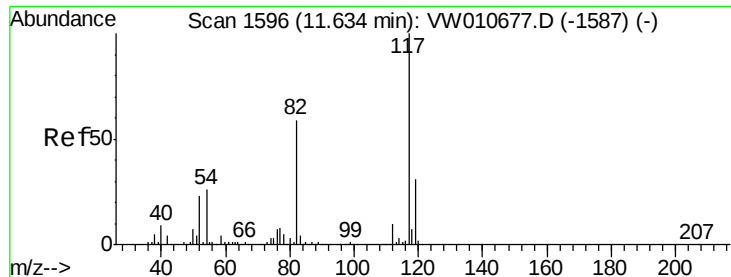
50000

0

Time-->

12.55 12.60 12.65 12.70

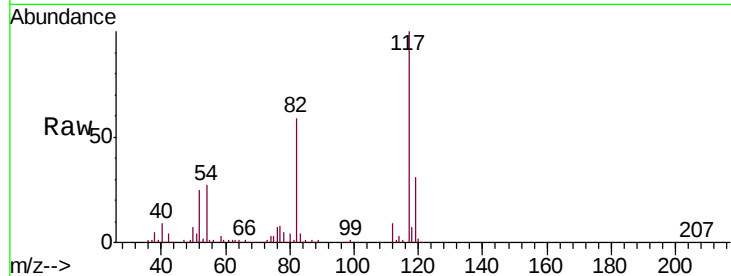




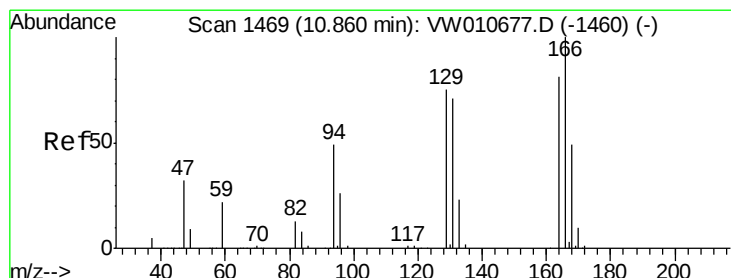
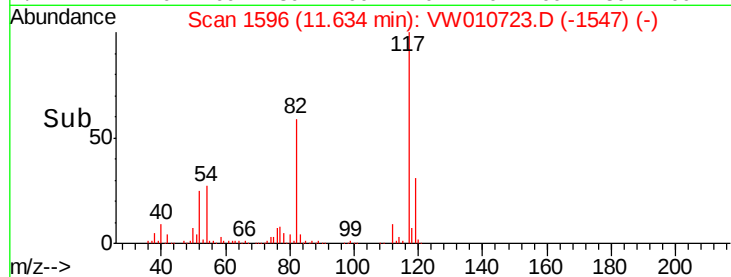
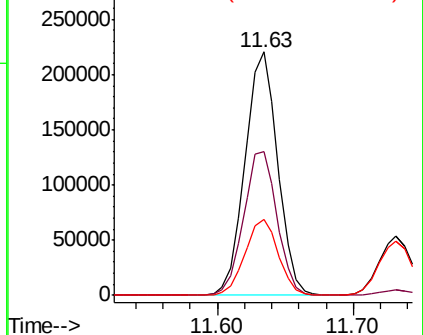
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 370112
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.4
119 31.3 25.1 37.7



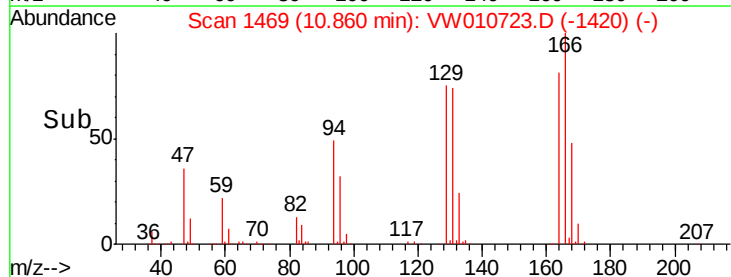
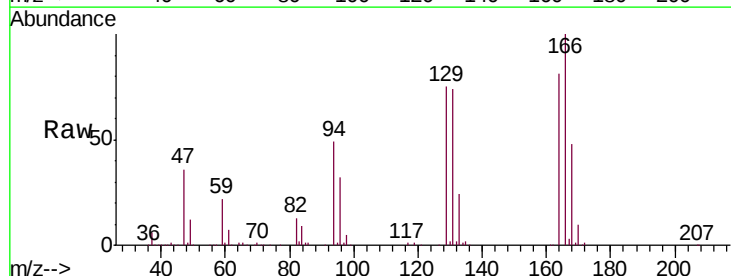
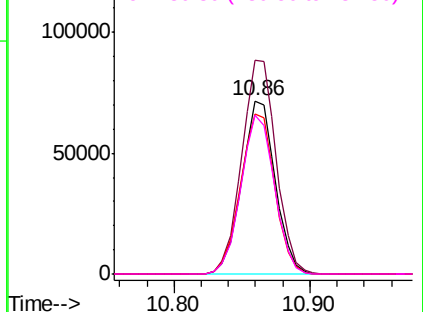
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

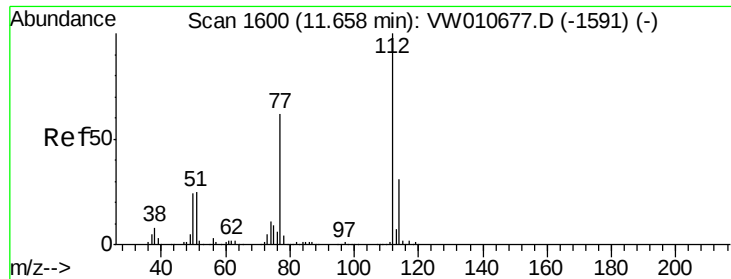


#64
Tetrachloroethene
Concen: 50.101 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion:164 Resp: 123118
Ion Ratio Lower Upper
164 100
166 123.6 99.2 148.8
129 92.9 74.6 112.0
131 91.6 70.2 105.4

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

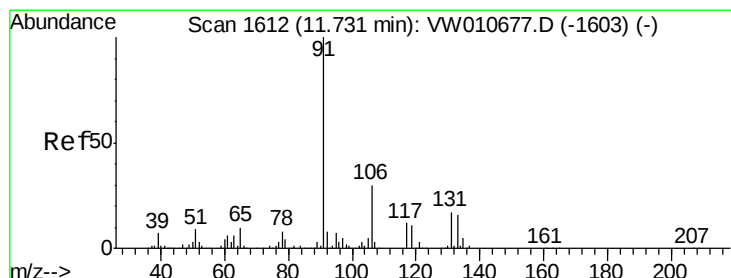
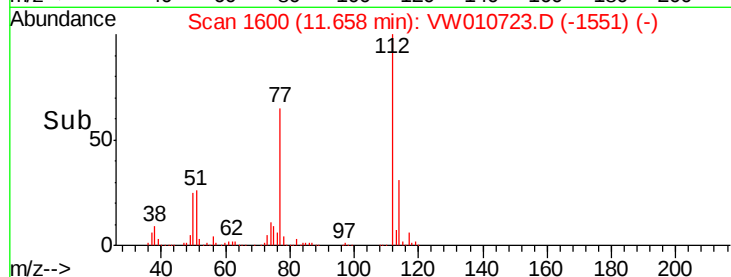
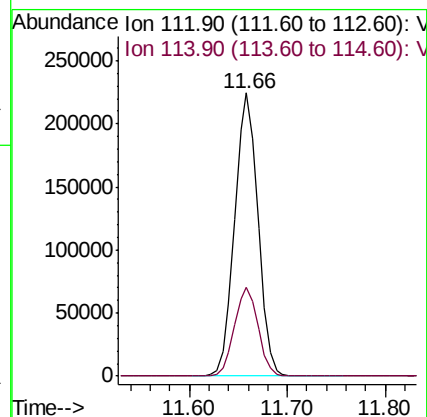
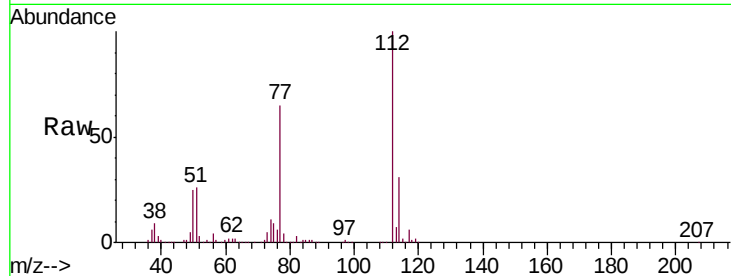




#65
Chlorobenzene
Concen: 50.766 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

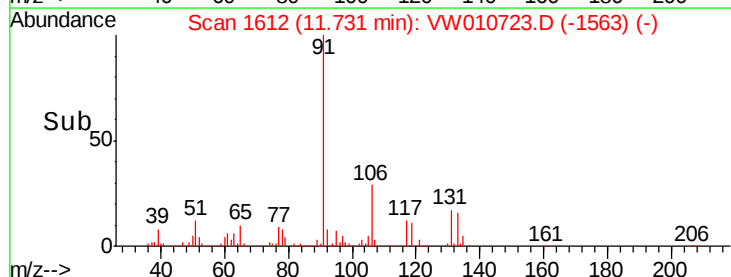
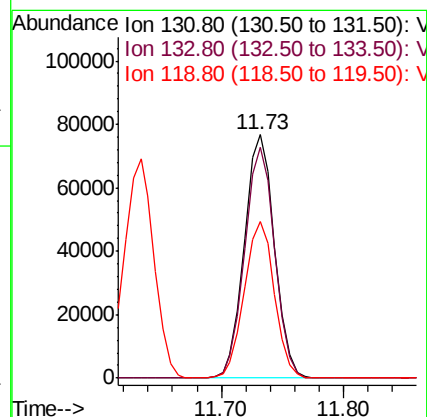
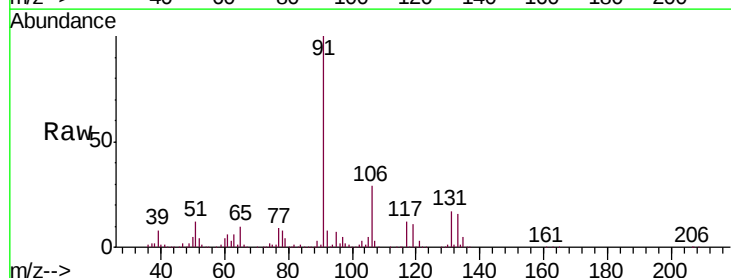
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

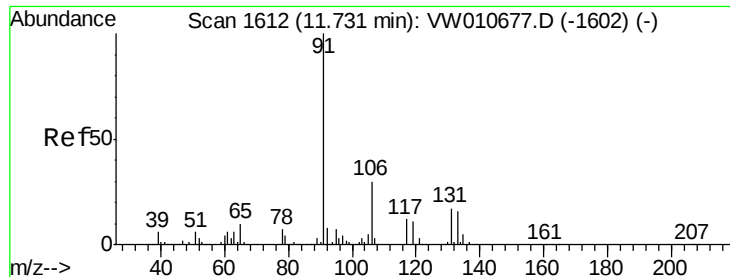
Tgt Ion:112 Resp: 369488
Ion Ratio Lower Upper
112 100
114 31.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.873 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion:131 Resp: 130693
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 64.4 32.4 97.0

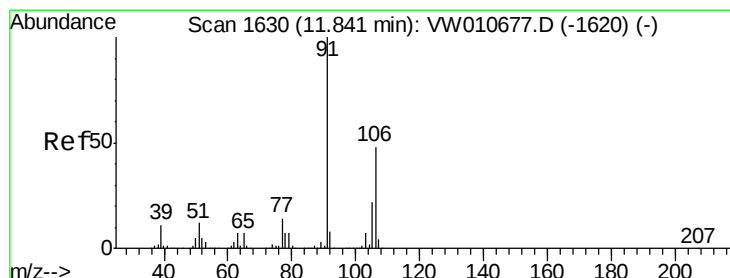
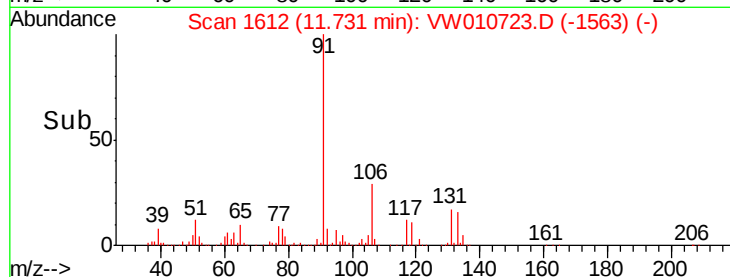
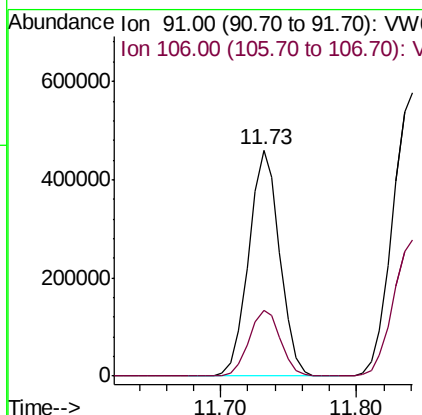
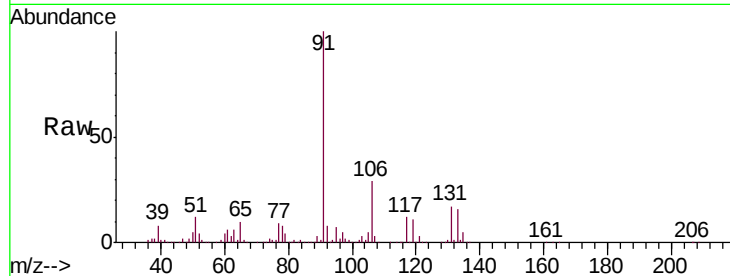




#67
Ethyl Benzene
Concen: 52.393 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

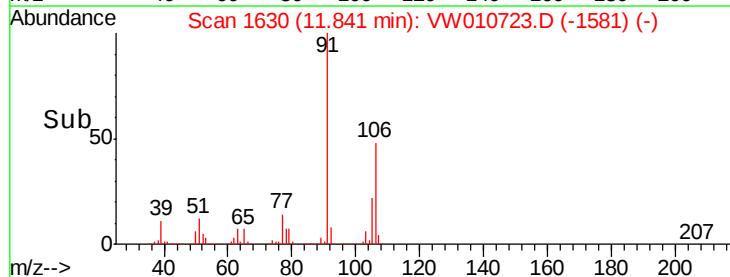
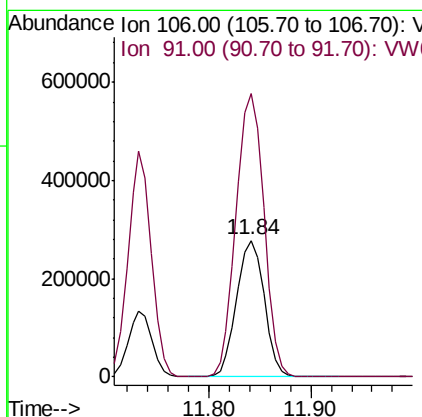
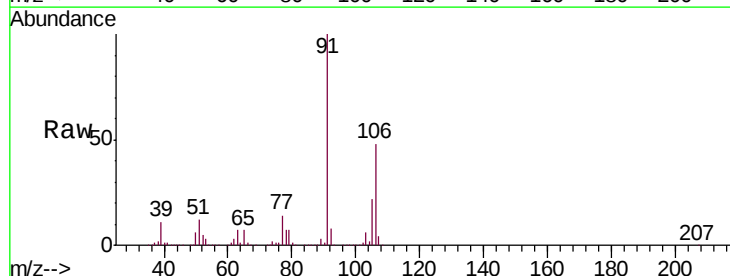
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

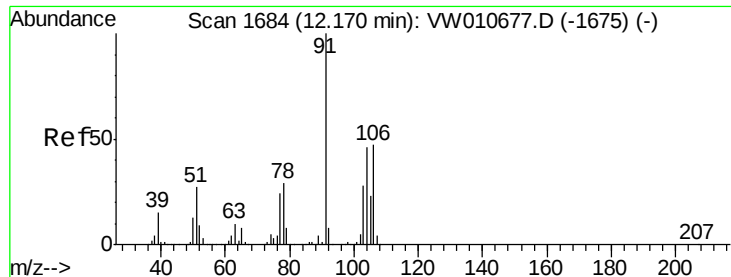
Tgt Ion: 91 Resp: 732854
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.4



#68
m/p-Xylenes
Concen: 104.215 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 106 Resp: 521825
Ion Ratio Lower Upper
106 100
91 210.3 166.5 249.7

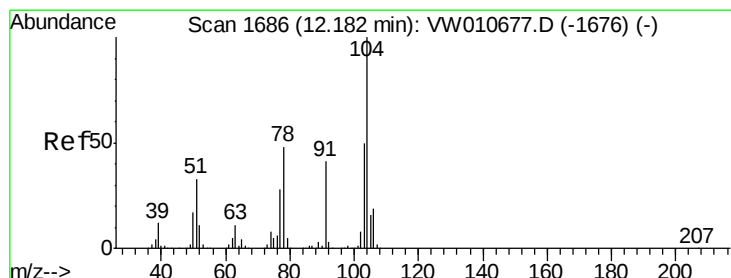
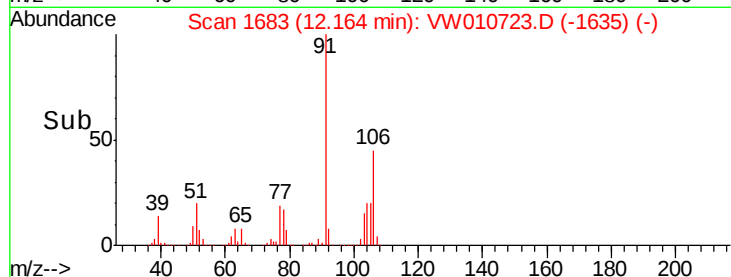
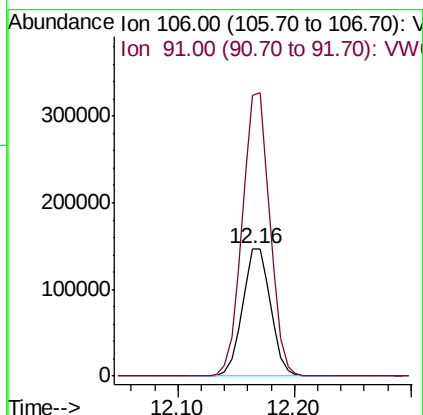
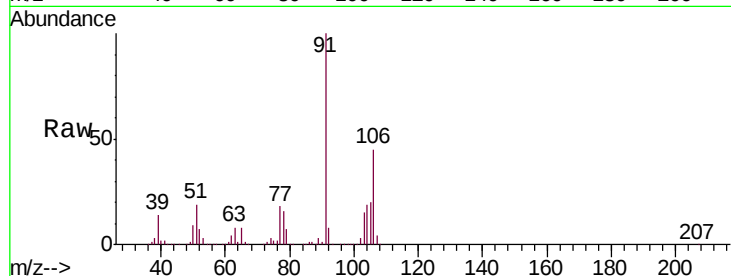




#69
o-Xylene
Concen: 51.983 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

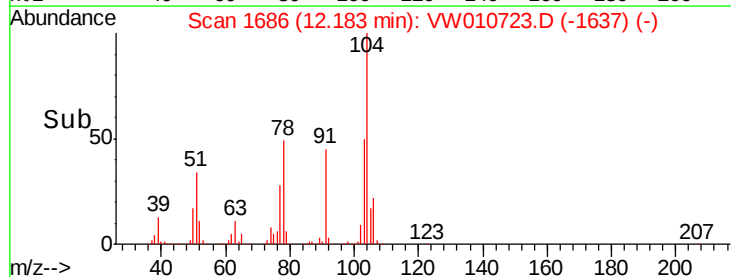
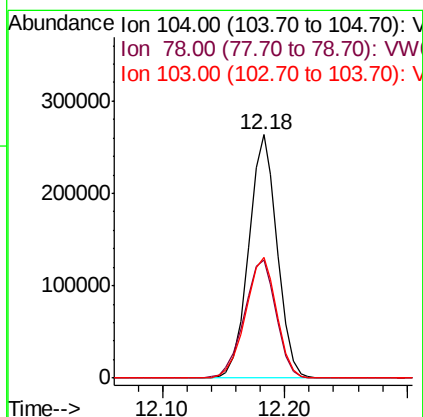
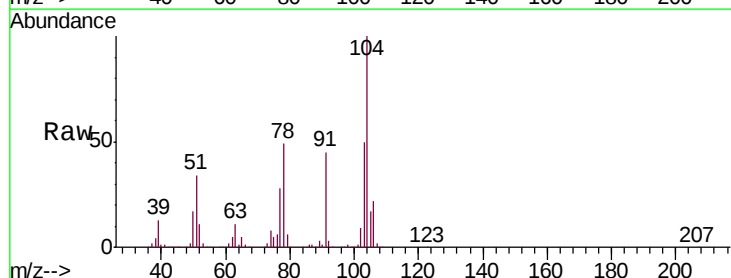
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

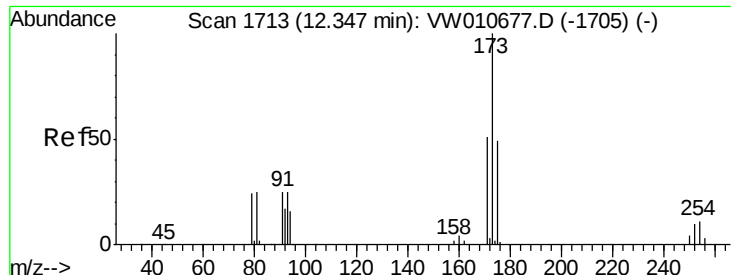
Tgt Ion:106 Resp: 246862
Ion Ratio Lower Upper
106 100
91 219.3 108.9 326.6



#70
Styrene
Concen: 51.602 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion:104 Resp: 425697
Ion Ratio Lower Upper
104 100
78 54.2 42.7 64.1
103 54.0 43.6 65.4





#71

Bromoform

Concen: 46.876 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

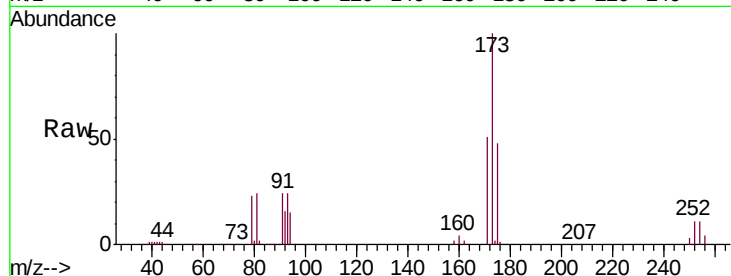
Tgt Ion:173 Resp: 61081

Ion Ratio Lower Upper

173 100

175 49.8 24.3 72.8

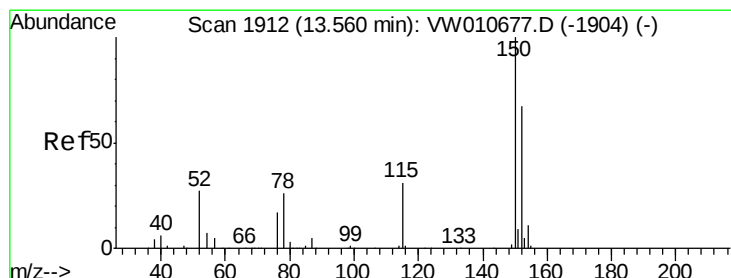
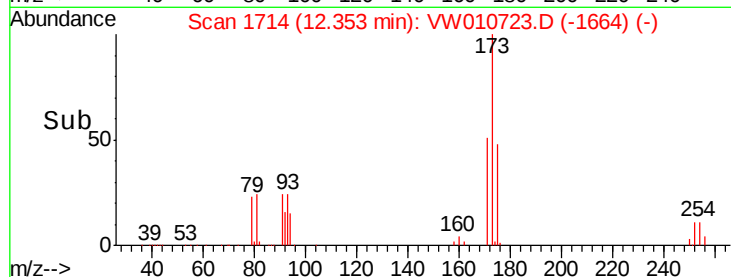
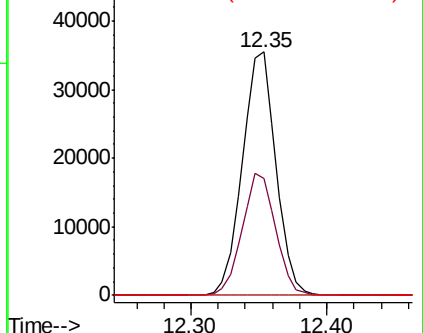
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

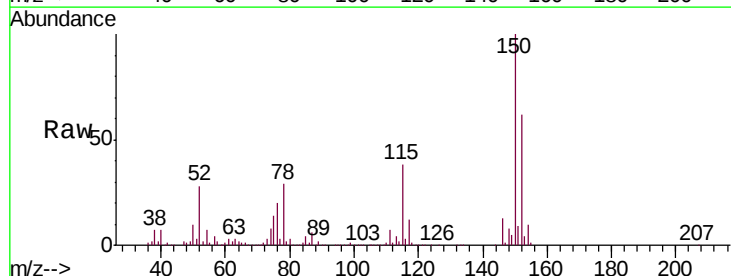
Tgt Ion:152 Resp: 172347

Ion Ratio Lower Upper

152 100

115 60.7 29.8 89.3

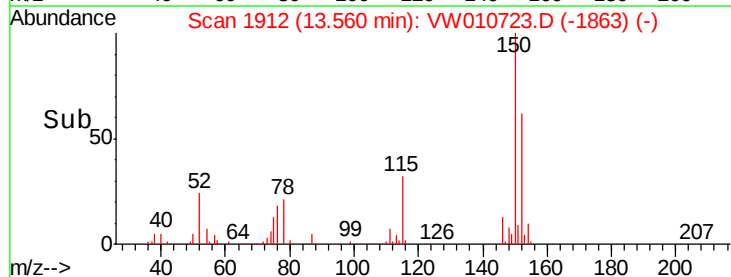
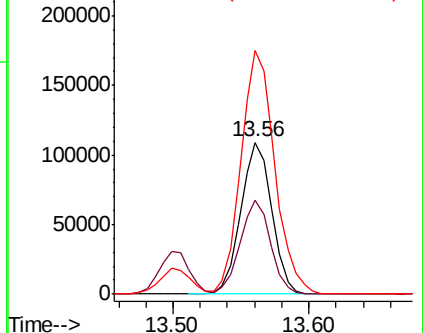
150 175.8 0.0 345.0

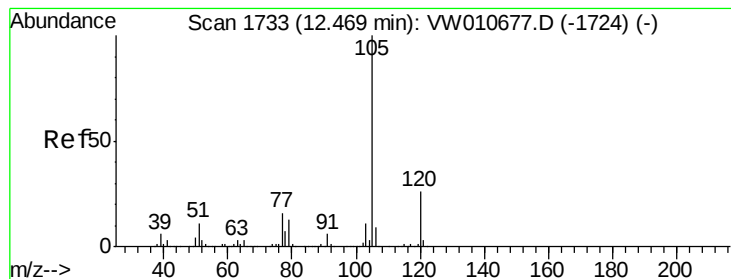


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.564 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

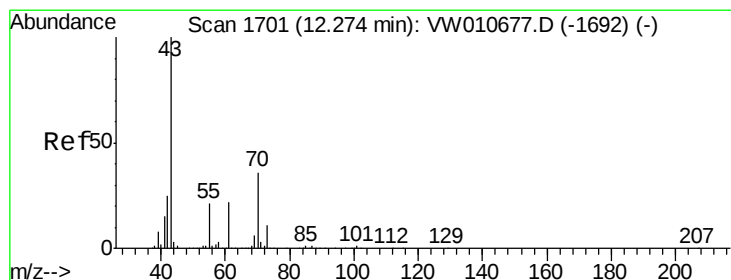
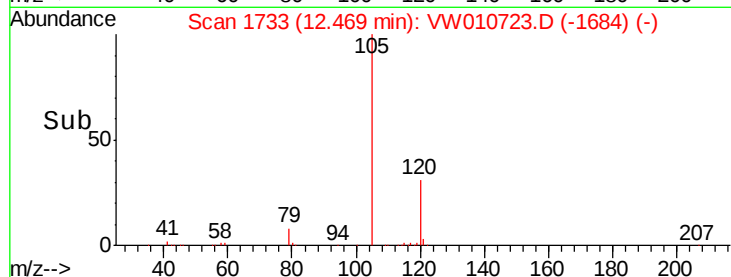
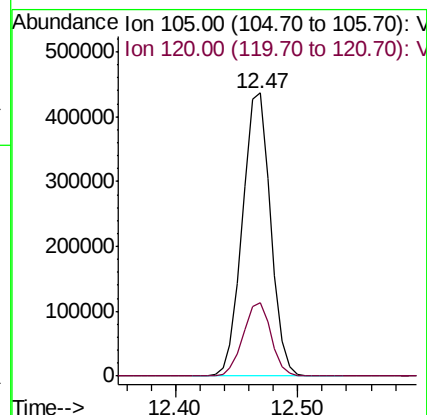
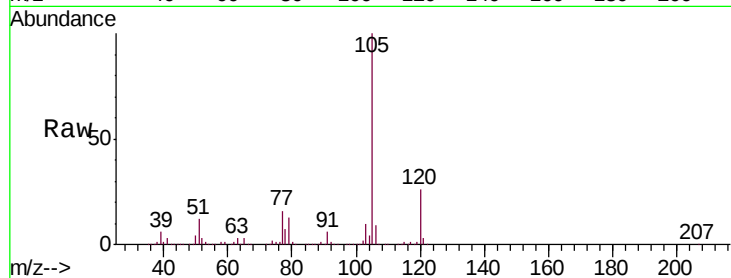
VSTDCCC050

Tgt Ion:105 Resp: 693725

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 47.358 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Tgt Ion: 43 Resp: 198224

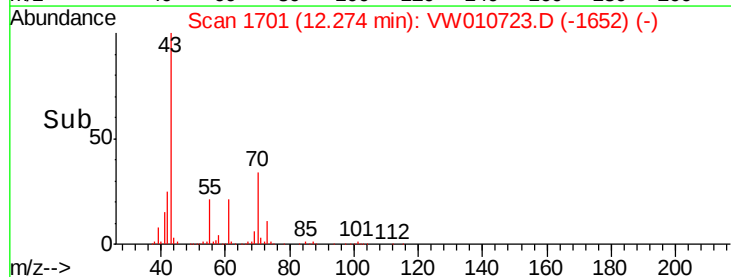
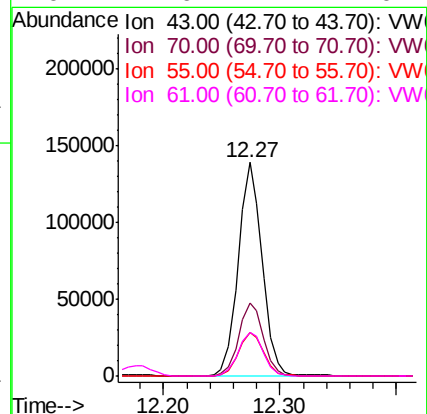
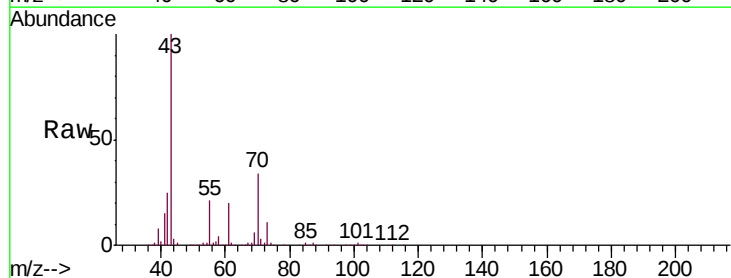
Ion Ratio Lower Upper

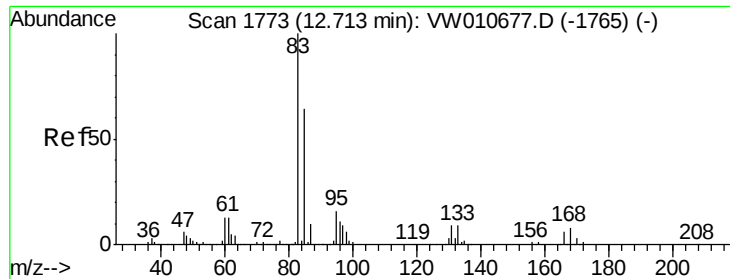
43 100

70 35.2 29.2 43.8

55 21.7 17.5 26.3

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.926 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

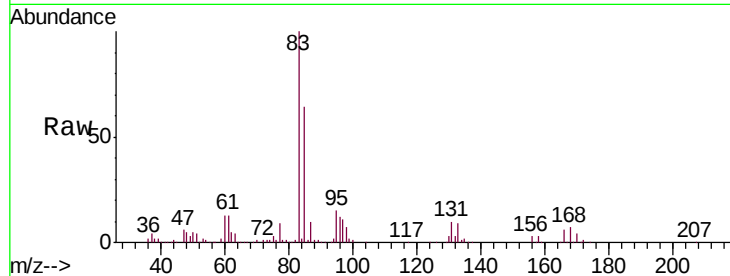
Tgt Ion: 83 Resp: 113234

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

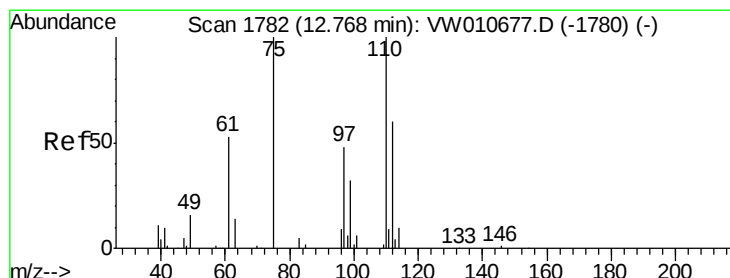
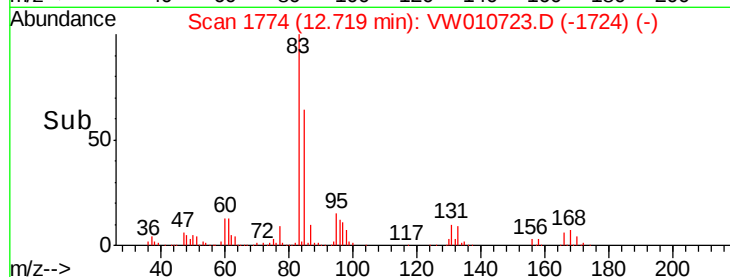
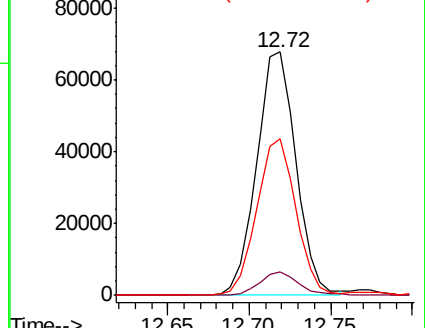
85 64.1 31.9 95.9



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: 86.132 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010723.D

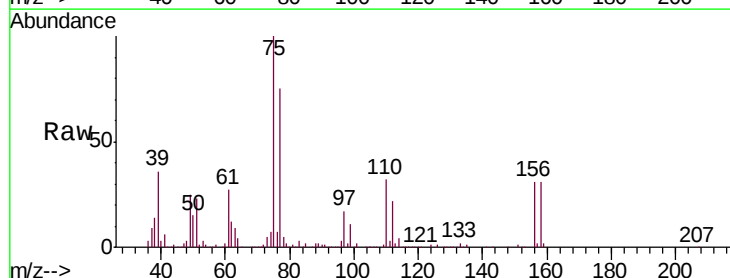
Acq: 07 Jun 2019 10:58

Tgt Ion: 75 Resp: 155888

Ion Ratio Lower Upper

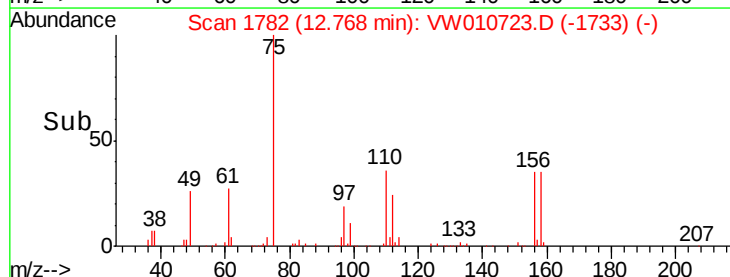
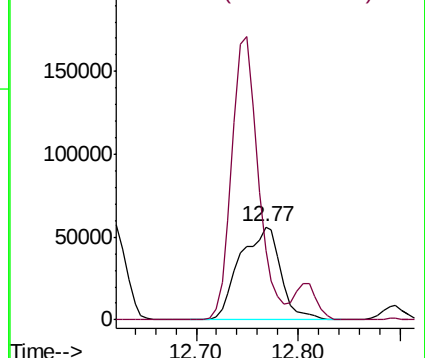
75 100

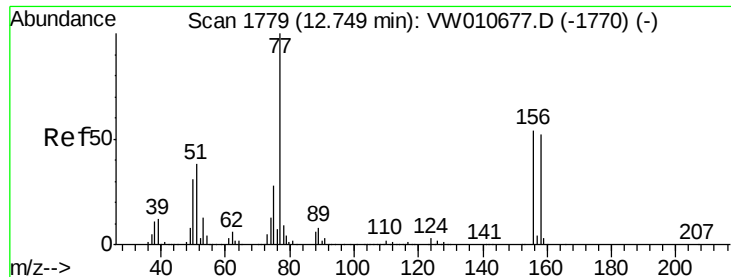
77 197.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.439 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

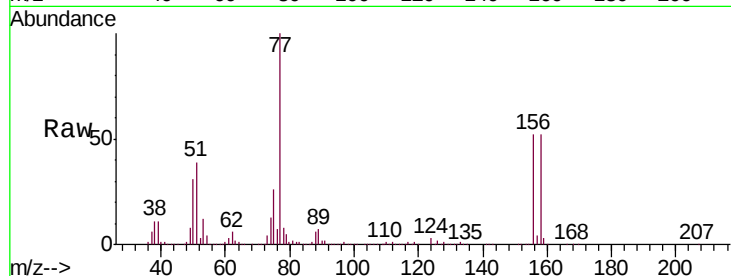
Tgt Ion:156 Resp: 145420

Ion Ratio Lower Upper

156 100

77 211.8 106.5 319.4

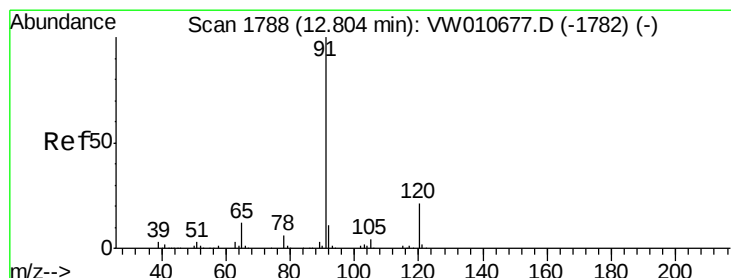
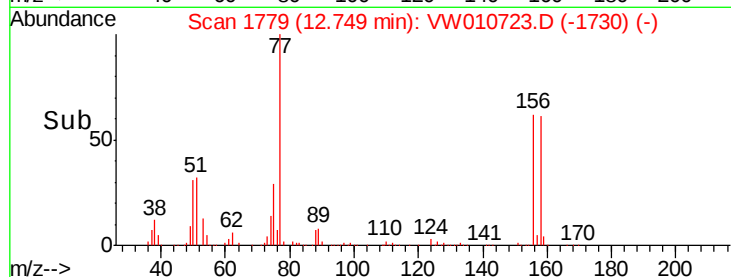
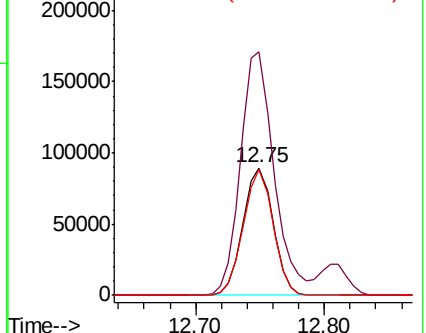
158 97.4 48.3 144.9



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: 53.941 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010723.D

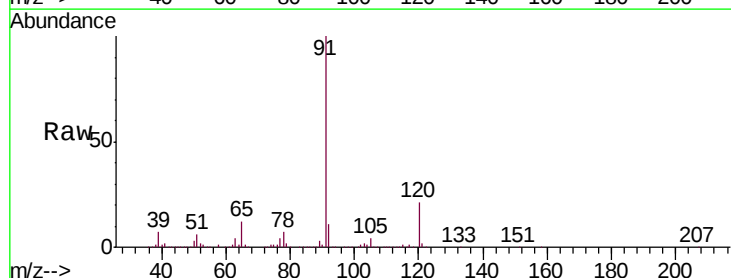
Acq: 07 Jun 2019 10:58

Tgt Ion: 91 Resp: 842373

Ion Ratio Lower Upper

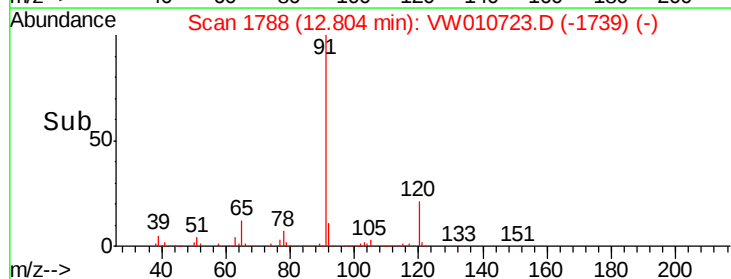
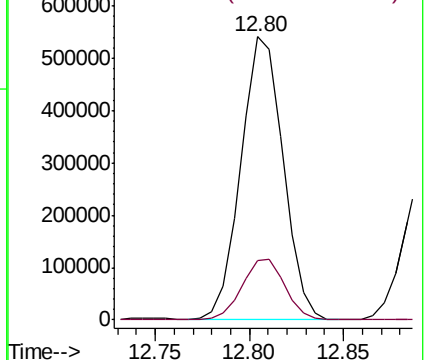
91 100

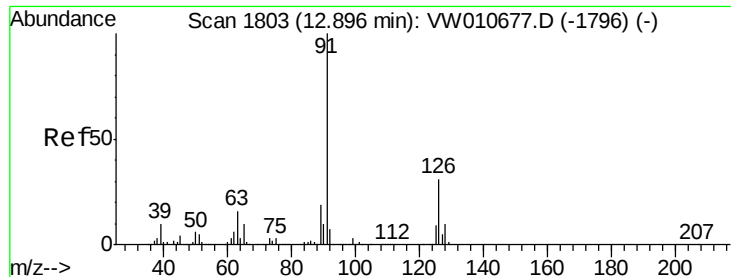
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.088 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

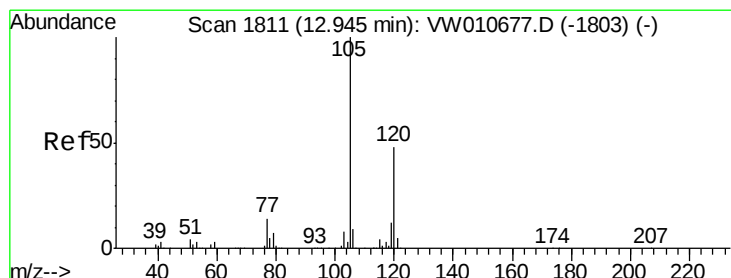
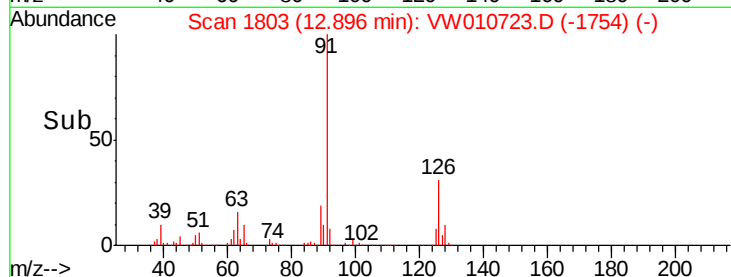
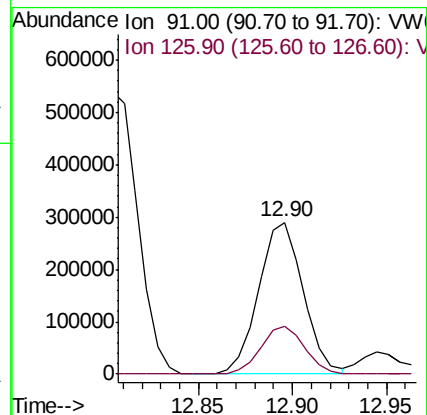
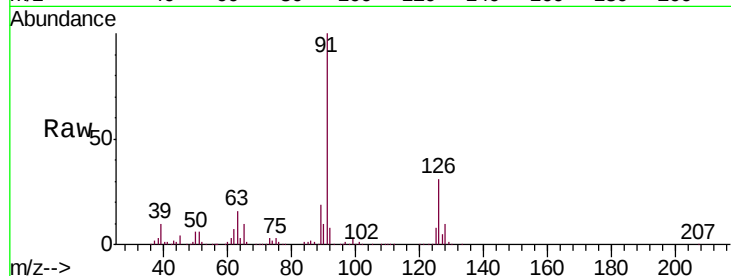
VSTDCCC050

Tgt Ion: 91 Resp: 473647

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 53.597 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010723.D

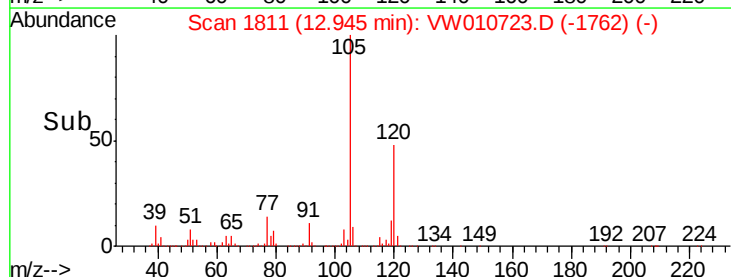
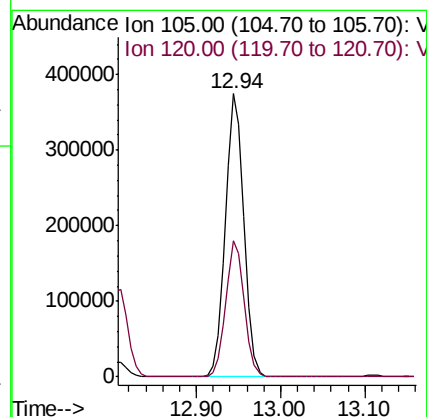
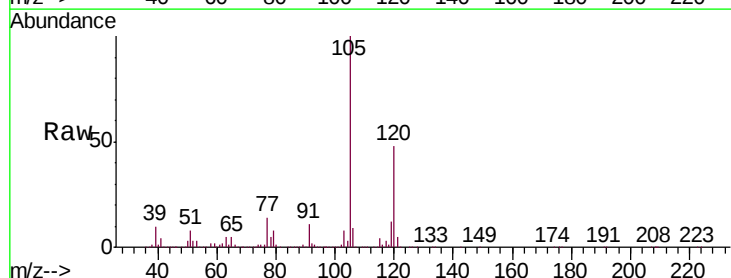
Acq: 07 Jun 2019 10:58

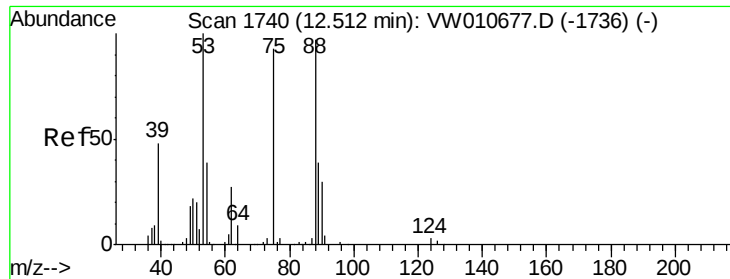
Tgt Ion: 105 Resp: 568171

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.173 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

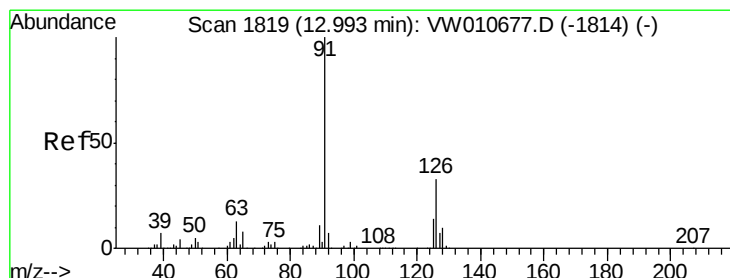
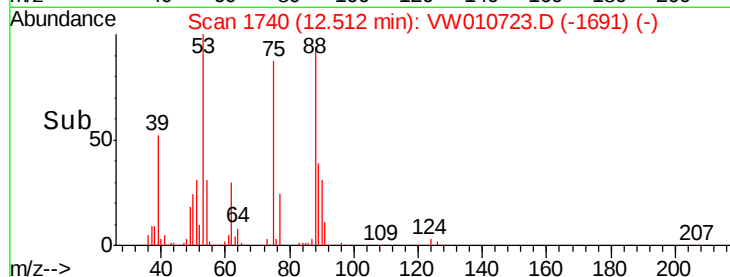
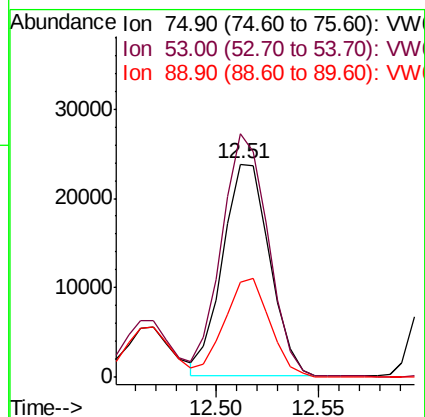
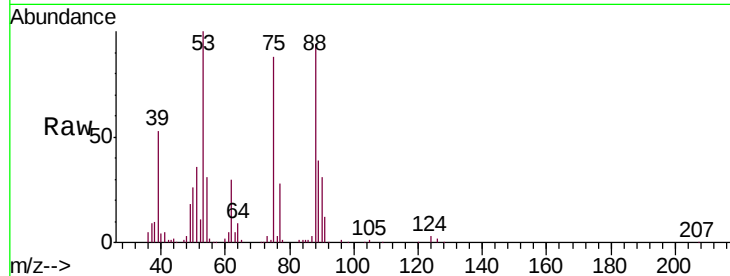
Tgt Ion: 75 Resp: 37935

Ion Ratio Lower Upper

75 100

53 112.8 90.1 135.1

89 45.7 34.6 52.0



#82

4-Chlorotoluene

Concen: 53.625 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW010723.D

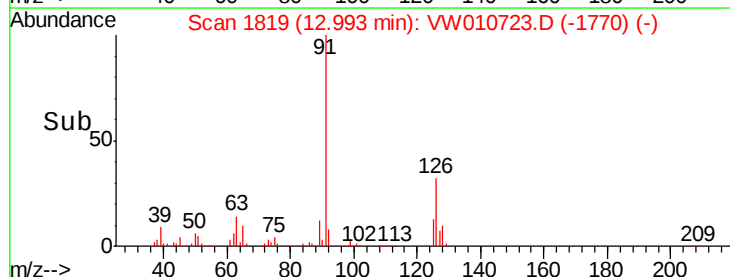
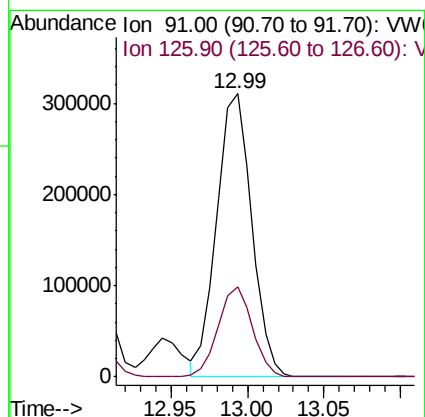
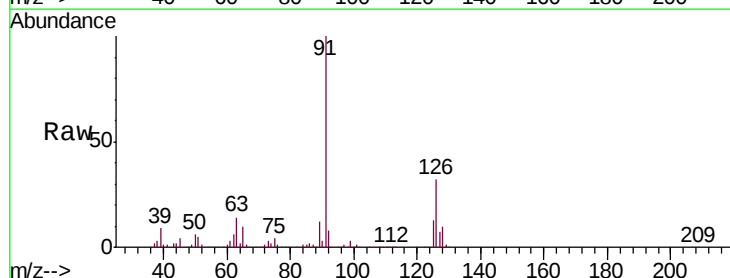
Acq: 07 Jun 2019 10:58

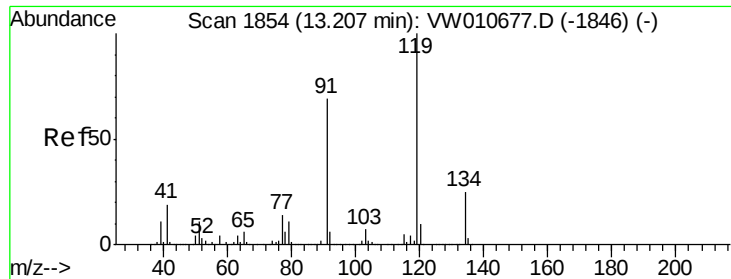
Tgt Ion: 91 Resp: 493732

Ion Ratio Lower Upper

91 100

126 31.3 15.9 47.7

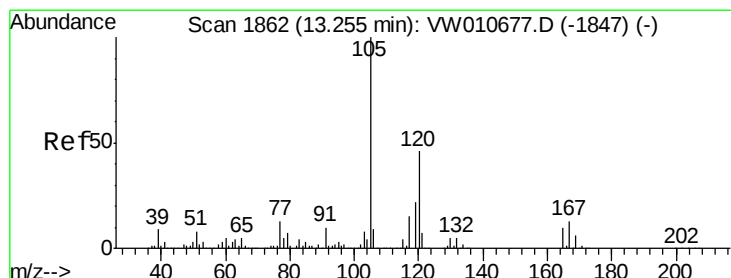
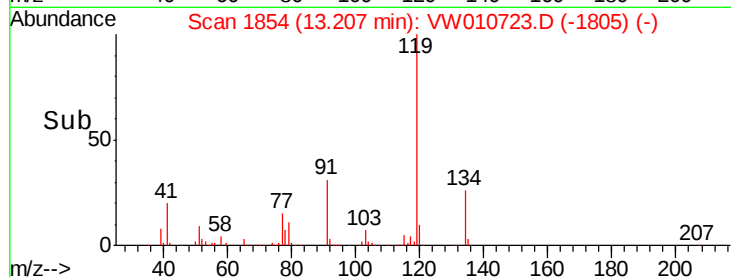
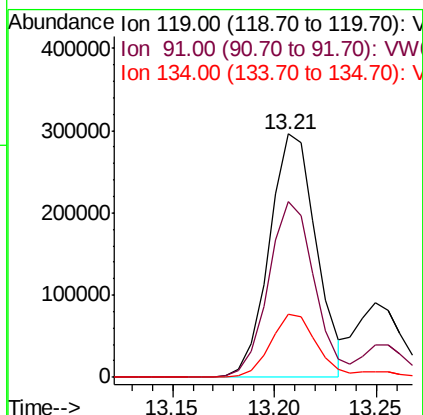
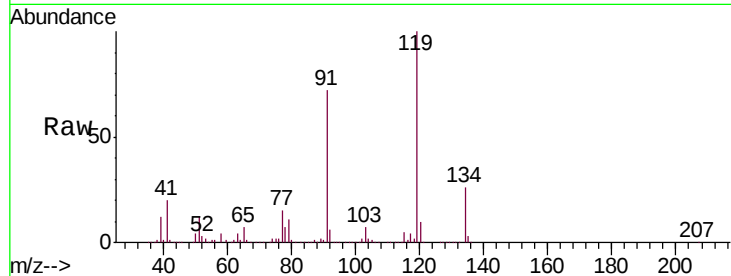




#83
tert-Butylbenzene
Concen: 52.858 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

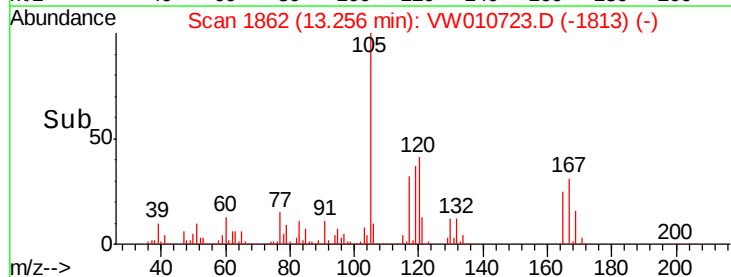
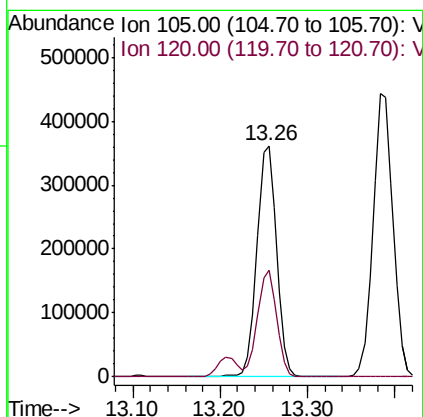
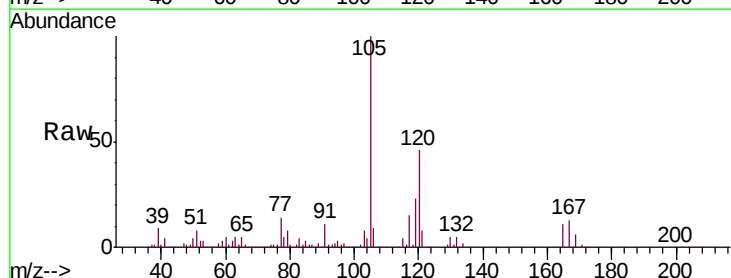
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

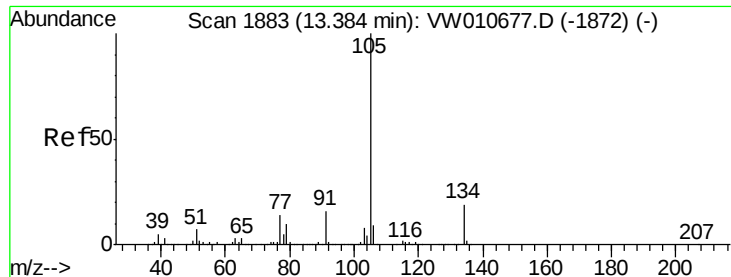
Tgt Ion:119 Resp: 475548
Ion Ratio Lower Upper
119 100
91 71.3 35.1 105.3
134 27.4 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 52.923 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion:105 Resp: 564551
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5

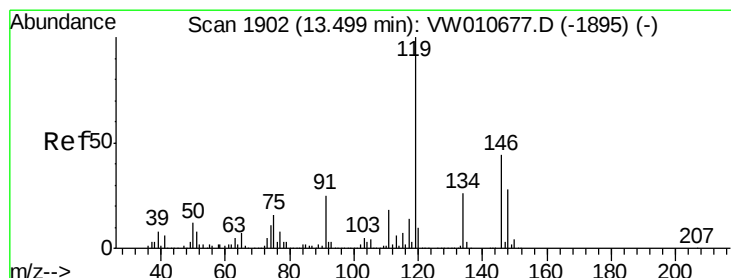
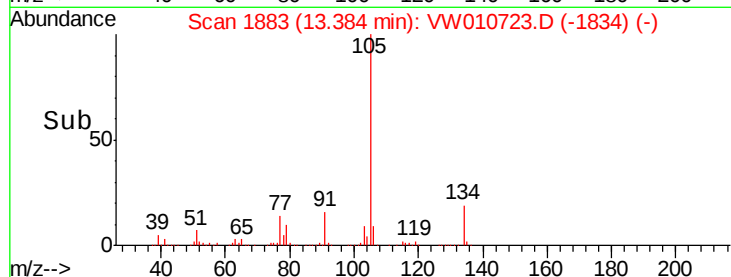
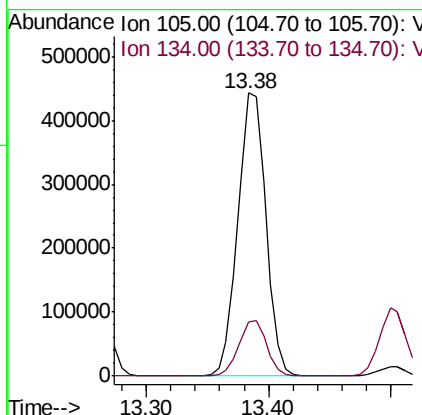
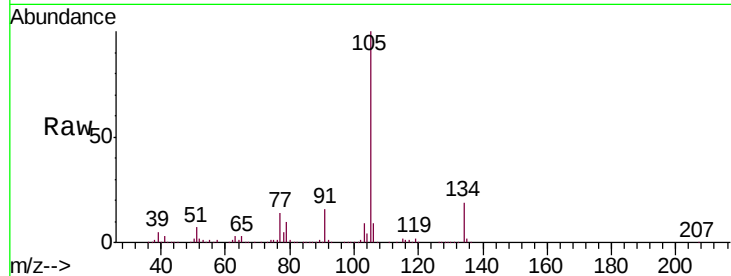




#85
 sec-Butylbenzene
 Concen: 53.552 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

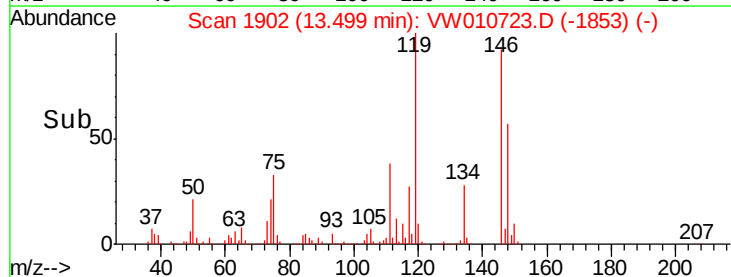
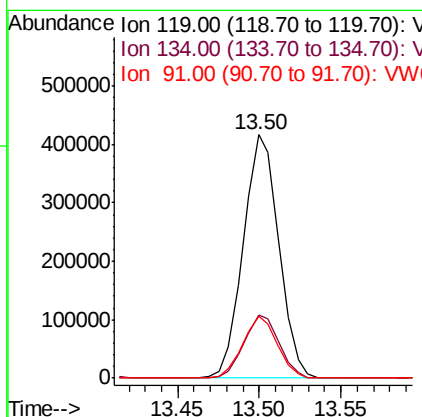
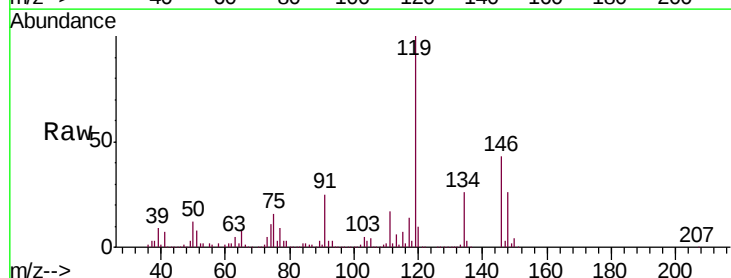
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

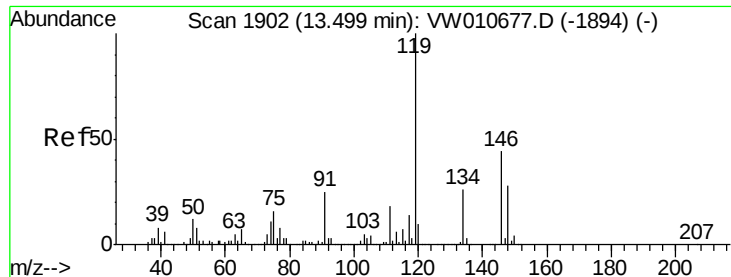
Tgt Ion:105 Resp: 701470
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.740 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion:119 Resp: 629497
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 52.043 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

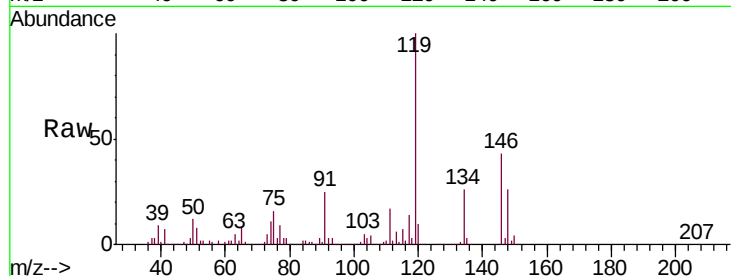
Tgt Ion:146 Resp: 283729

Ion Ratio Lower Upper

146 100

111 41.6 20.4 61.3

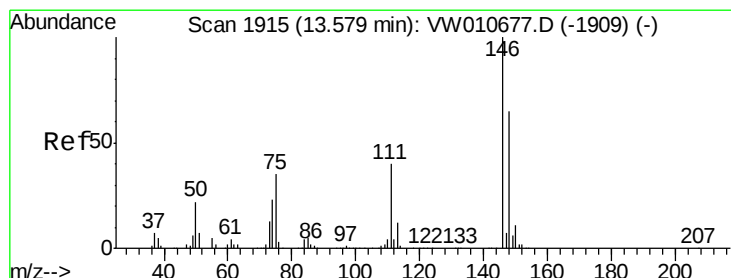
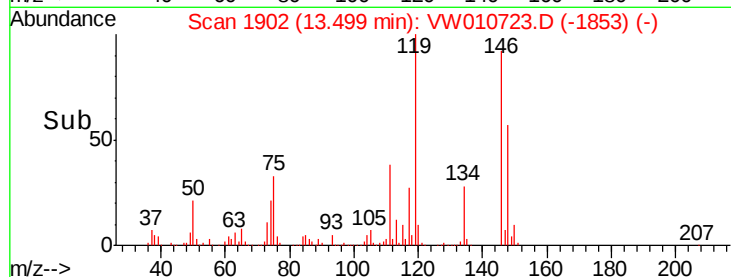
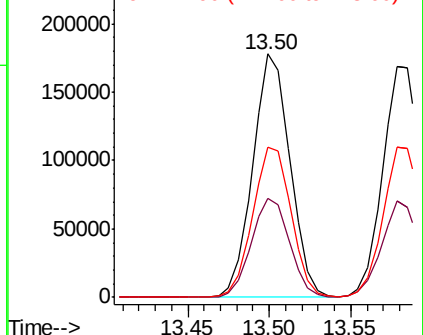
148 63.6 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.119 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010723.D

Acq: 07 Jun 2019 10:58

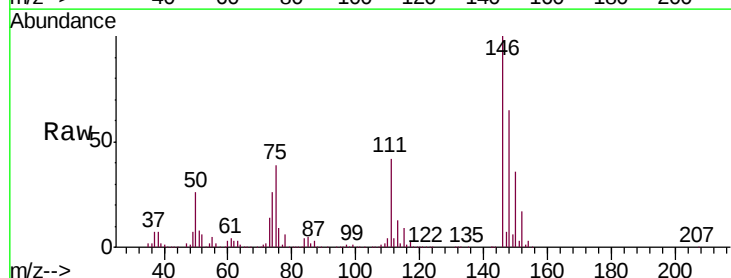
Tgt Ion:146 Resp: 276290

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

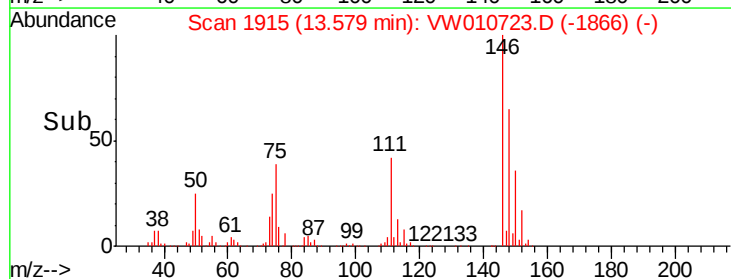
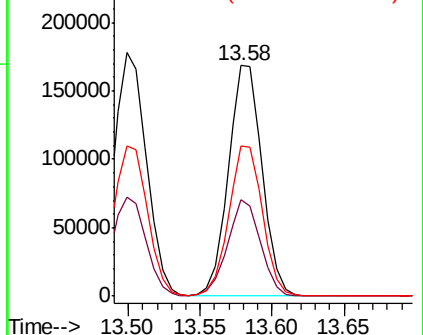
148 65.1 32.4 97.2

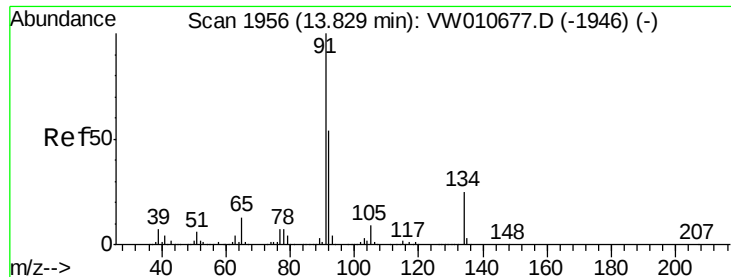


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

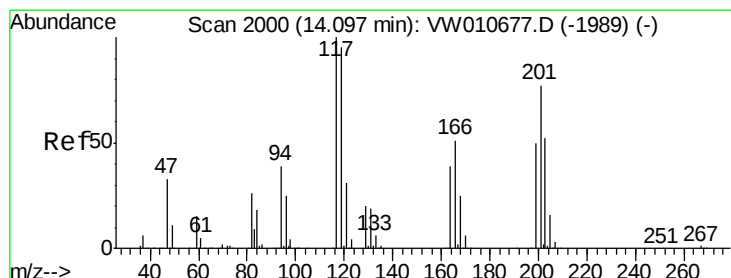
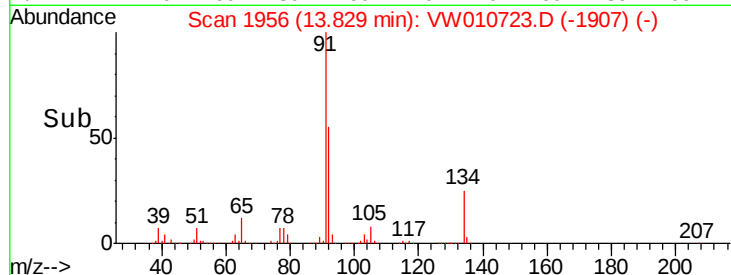
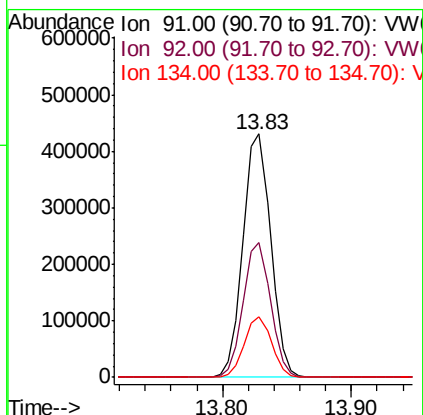
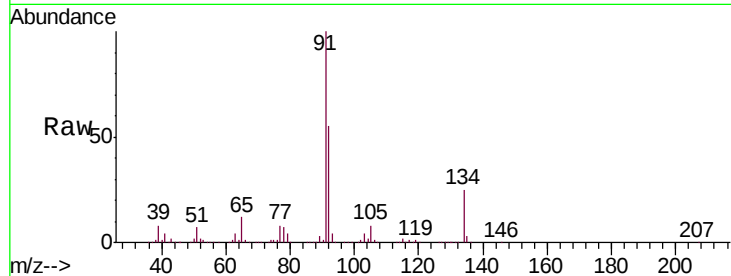




#89
n-Butylbenzene
Concen: 54.990 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

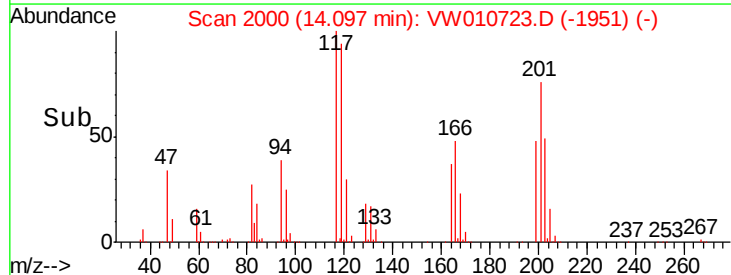
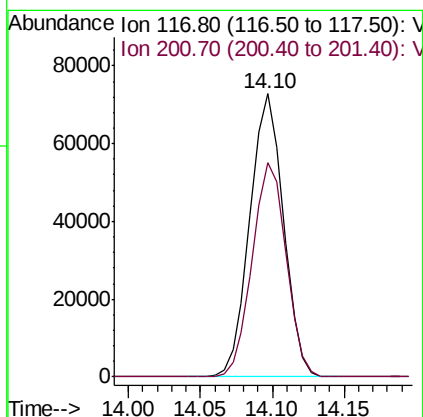
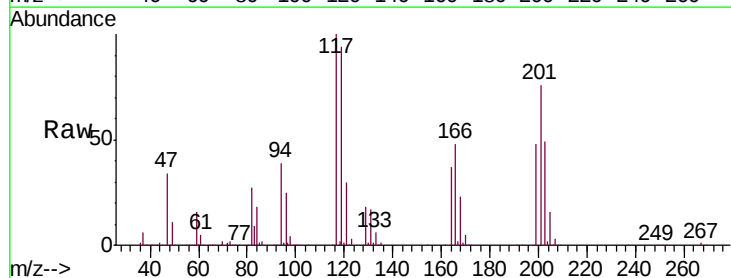
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

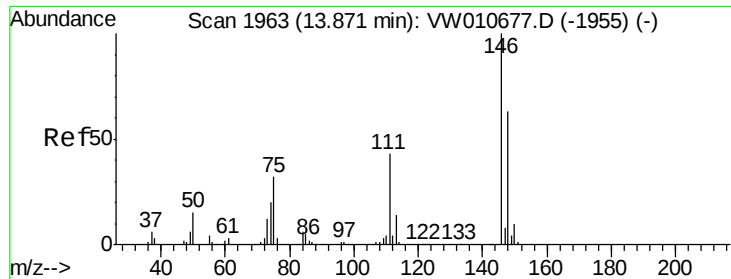
Tgt Ion: 91 Resp: 642687
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 55.950 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion: 117 Resp: 117369
Ion Ratio Lower Upper
117 100
201 76.6 38.8 116.4

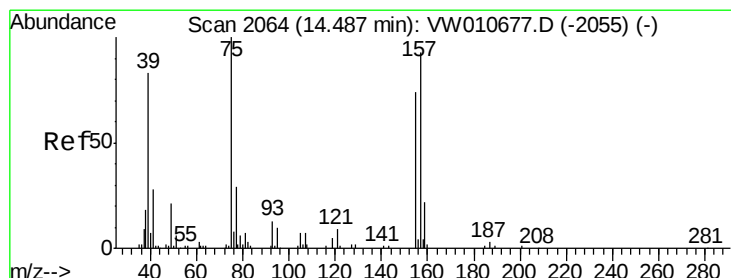
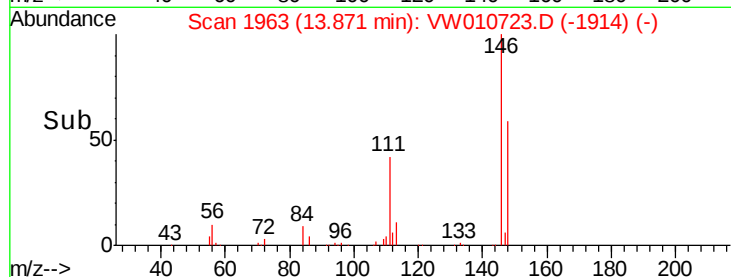
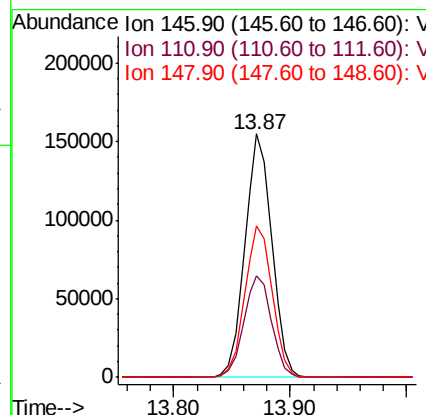
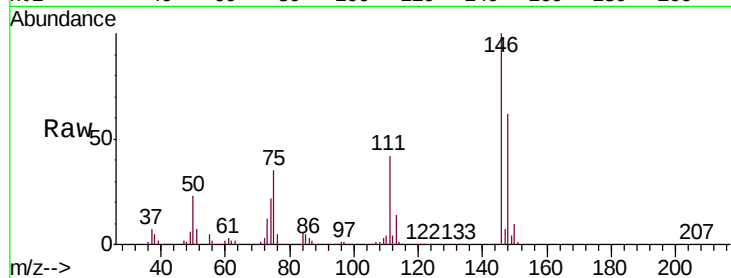




#91
 1,2-Dichlorobenzene
 Concen: 50.835 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

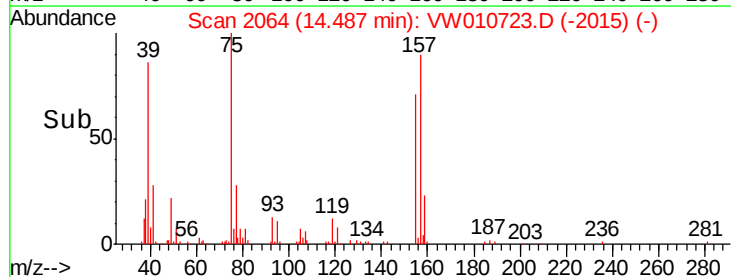
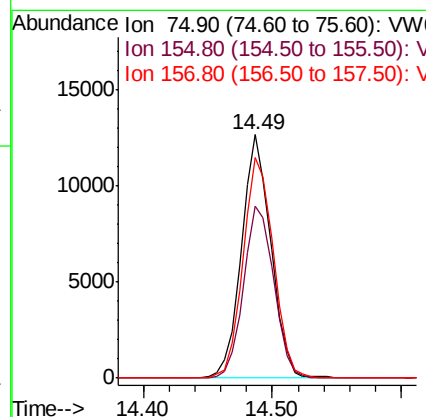
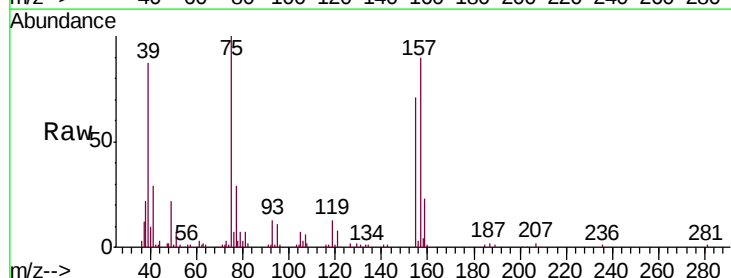
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

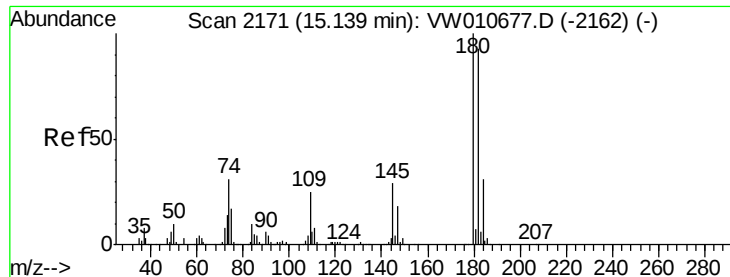
Tgt Ion: 146 Resp: 249237
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.018 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion: 75 Resp: 19907
 Ion Ratio Lower Upper
 75 100
 155 72.6 38.8 116.4
 157 93.1 48.4 145.0

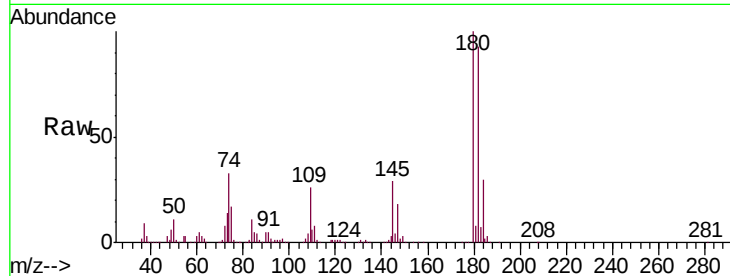




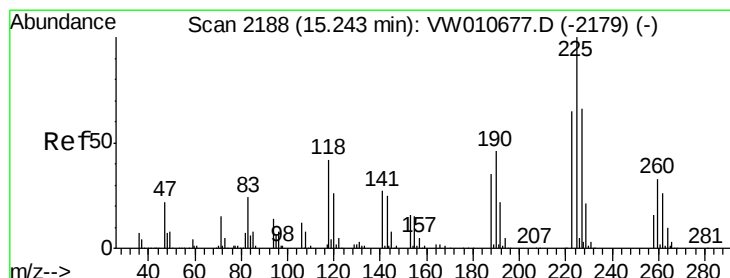
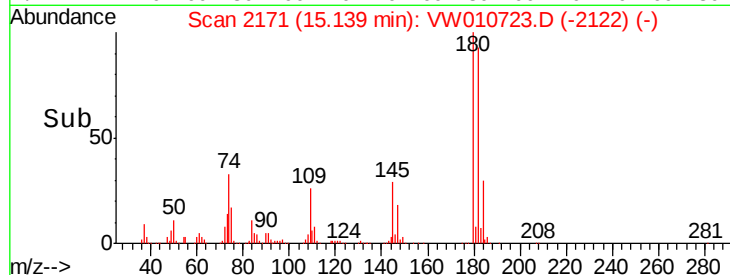
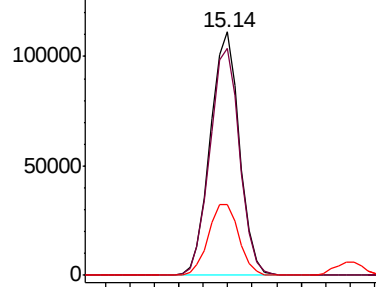
#93
 1,2,4-Trichlorobenzene
 Concen: 53.418 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 183786
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.1 141.4
 145 30.5 15.2 45.5

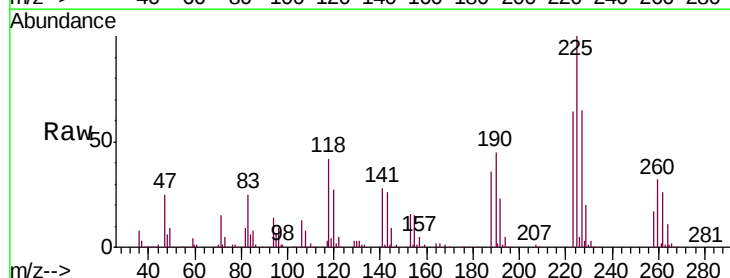


Abundance Ion 179.80 (179.50 to 180.50): V
 150000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

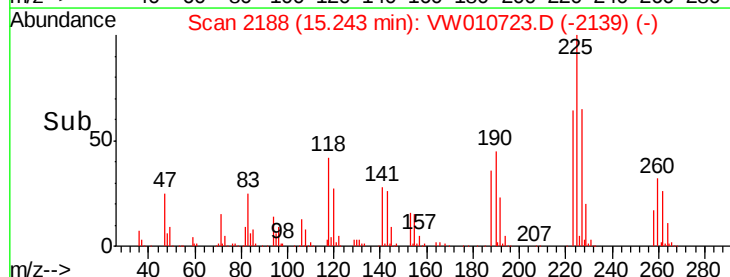
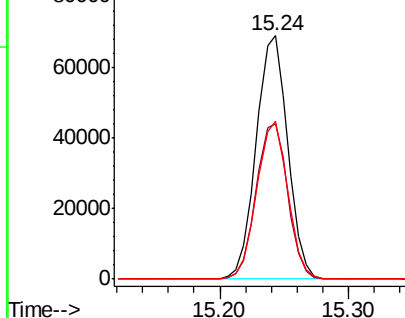


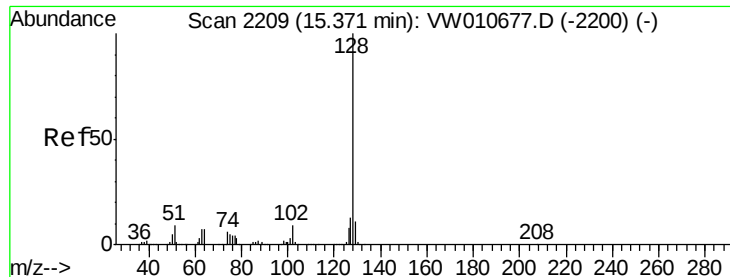
#94
 Hexachlorobutadiene
 Concen: 53.955 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010723.D
 Acq: 07 Jun 2019 10:58

Tgt Ion:225 Resp: 116507
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.2 96.6
 227 63.6 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 80000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

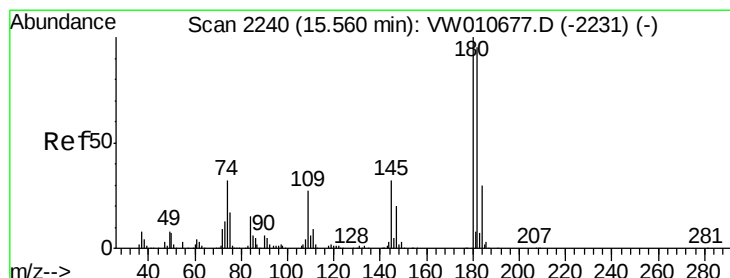
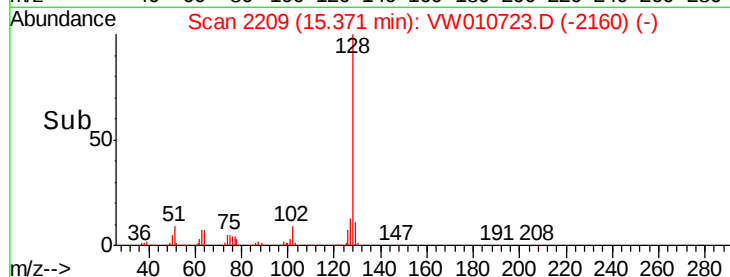
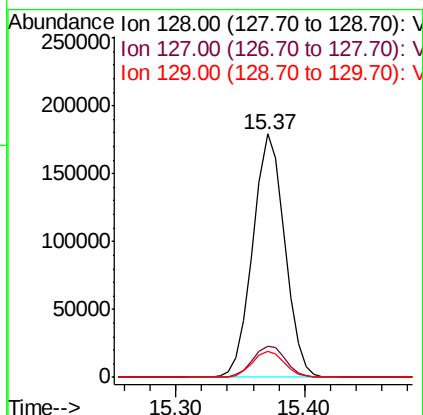
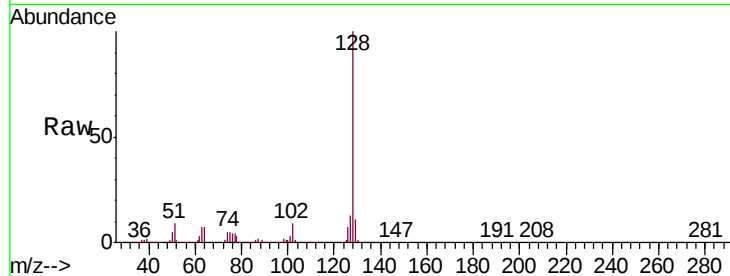




#95
Naphthalene
Concen: 49.073 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 306757
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.552 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010723.D
Acq: 07 Jun 2019 10:58

Tgt Ion:180 Resp: 153766
Ion Ratio Lower Upper
180 100
182 97.0 47.0 141.0
145 32.3 16.1 48.3

