

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010739.D
 Acq On : 10 Jun 2019 12:28
 Operator : SY/VA
 Sample : VW0610SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Quant Time: Jun 11 05:24:25 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	264380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149875	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.88	113	115577	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.32	98	484799	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.62	95	177196	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	47325	19.371 ug/l	98
3) Chloromethane	2.21	50	65444	18.207 ug/l	100
4) Vinyl Chloride	2.35	62	60226	18.135 ug/l	96
5) Bromomethane	2.75	94	34631	18.989 ug/l	95
6) Chloroethane	2.90	64	36532	18.326 ug/l	100
7) Trichlorofluoromethane	3.25	101	84502	19.601 ug/l	99
8) Diethyl Ether	3.68	74	29598	19.212 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52313	19.738 ug/l	98
10) Methyl Iodide	4.27	142	39977	18.035 ug/l	98
11) Tert butyl alcohol	5.17	59	30000	118.172 ug/l	95
12) 1,1-Dichloroethene	4.03	96	48613	19.014 ug/l	94
13) Acrolein	3.90	56	8577	82.679 ug/l	97
14) Allyl chloride	4.67	41	114314	20.278 ug/l	98
15) Acrylonitrile	5.37	53	71509	95.543 ug/l	99
16) Acetone	4.12	43	74216	88.884 ug/l	100
17) Carbon Disulfide	4.37	76	155234	19.126 ug/l	100
18) Methyl Acetate	4.68	43	35265	19.620 ug/l	97
19) Methyl tert-butyl Ether	5.43	73	142853	19.373 ug/l	100
20) Methylene Chloride	4.92	84	58883	20.102 ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	56573	19.492 ug/l	98
22) Diisopropyl ether	6.31	45	228355	20.233 ug/l	96
23) Vinyl Acetate	6.26	43	679720	99.794 ug/l	99
24) 1,1-Dichloroethane	6.22	63	114700	20.279 ug/l	97
25) 2-Butanone	7.17	43	110139	95.128 ug/l	95
26) 2,2-Dichloropropane	7.17	77	98611	21.426 ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	63598	19.911 ug/l	97
28) Bromochloromethane	7.51	49	47196	18.698 ug/l	95
29) Tetrahydrofuran	7.53	42	69116	94.907 ug/l	97
30) Chloroform	7.68	83	103453	19.997 ug/l	97
31) Cyclohexane	7.95	56	122593	19.498 ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	91924	20.341 ug/l	99
36) 1,1-Dichloropropene	8.08	75	88482	19.663 ug/l	99
37) Ethyl Acetate	7.26	43	46592	18.684 ug/l	99
38) Carbon Tetrachloride	8.07	117	78139	20.115 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109732	19.182	ug/l	98
40) Benzene	8.32	78	239481	19.508	ug/l	100
41) Methacrylonitrile	7.48	41	30162	20.349	ug/l	94
42) 1,2-Dichloroethane	8.40	62	76472	19.627	ug/l	99
43) Isopropyl Acetate	8.43	43	90146	18.712	ug/l	99
44) Trichloroethene	9.09	130	57430	18.965	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64675	19.902	ug/l	98
46) Dibromomethane	9.46	93	28872	19.128	ug/l	98
47) Bromodichloromethane	9.65	83	77640	19.843	ug/l	98
48) Methyl methacrylate	9.44	41	43223	18.608	ug/l	98
49) 1,4-Dioxane	9.45	88	8579	363.537	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	231854	94.206	ug/l	99
52) Toluene	10.39	92	147121	19.478	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82238	19.844	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	97290	19.951	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41106	18.904	ug/l	99
56) Ethyl methacrylate	10.65	69	62838	18.781	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79381	19.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	165516	94.446	ug/l	100
59) 2-Hexanone	10.97	43	162501	91.358	ug/l	98
60) Dibromochloromethane	11.13	129	47602	19.748	ug/l	100
61) 1,2-Dibromoethane	11.24	107	39345	19.098	ug/l	99
64) Tetrachloroethene	10.86	164	48349	18.781	ug/l	95
65) Chlorobenzene	11.66	112	147806	19.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52869	20.031	ug/l	100
67) Ethyl Benzene	11.73	91	285340	19.473	ug/l	99
68) m/p-Xylenes	11.84	106	201919	38.494	ug/l	98
69) o-Xylene	12.16	106	96454	19.388	ug/l	99
70) Styrene	12.18	104	166147	19.225	ug/l	99
71) Bromoform	12.35	173	25942	19.005	ug/l #	100
73) Isopropylbenzene	12.46	105	269421	19.647	ug/l	100
74) N-amyl acetate	12.27	43	83787	18.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48801	18.694	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66771	34.844	ug/l #	100
77) Bromobenzene	12.75	156	59375	19.836	ug/l	99
78) n-propylbenzene	12.80	91	326238	19.730	ug/l	100
79) 2-Chlorotoluene	12.90	91	187708	19.870	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219076	19.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16088	19.295	ug/l	98
82) 4-Chlorotoluene	12.99	91	193100	19.808	ug/l	99
83) tert-Butylbenzene	13.21	119	186755	19.605	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220175	19.493	ug/l	99
85) sec-Butylbenzene	13.38	105	270728	19.520	ug/l	99
86) p-Isopropyltoluene	13.50	119	240434	19.386	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	112695	19.523	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111408	19.468	ug/l	99
89) n-Butylbenzene	13.83	91	243247	19.657	ug/l	99
90) Hexachloroethane	14.10	117	45788	20.615	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	100108	19.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8574	19.126	ug/l	96

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QLast Update : Wed Jun 05 03:21:19 2019
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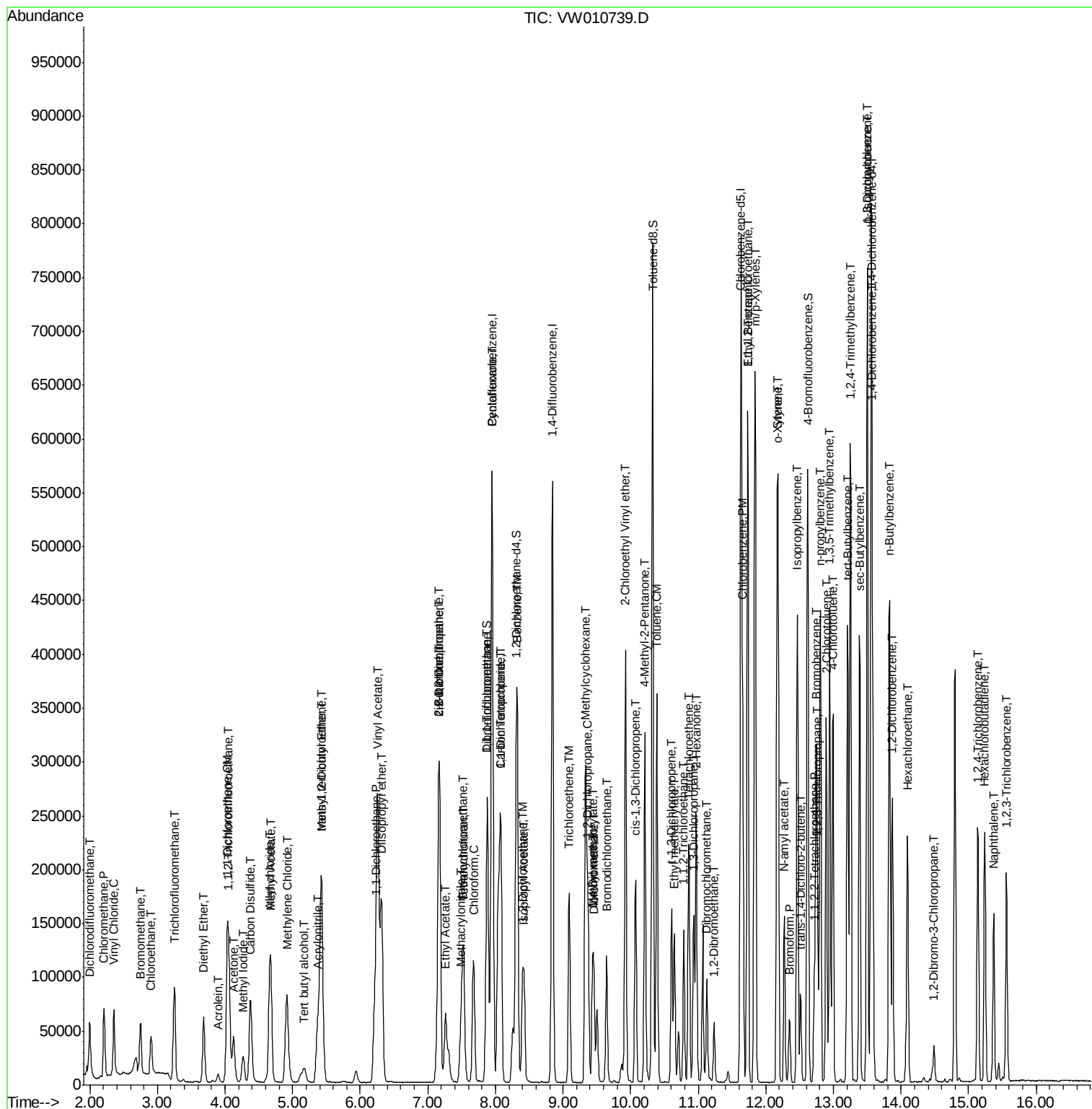
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	73333	20.131	ug/l	98
94) Hexachlorobutadiene	15.24	225	43704	19.116	ug/l	98
95) Naphthalene	15.37	128	123817	18.707	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61522	19.858	ug/l	98

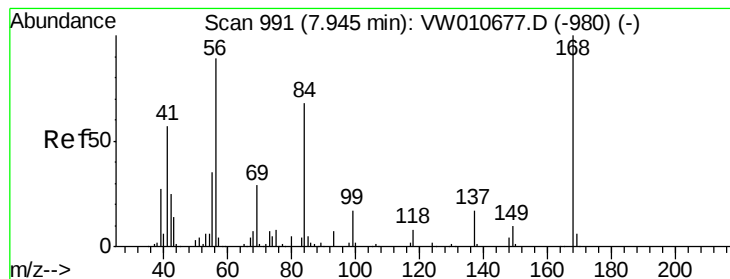
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

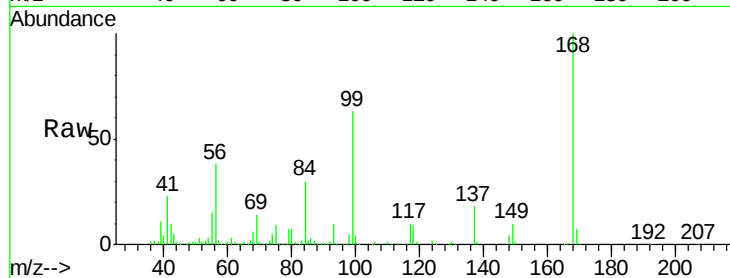
VW0610SBSD01

Tgt Ion:168 Resp: 264380

Ion Ratio Lower Upper

168 100

99 62.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

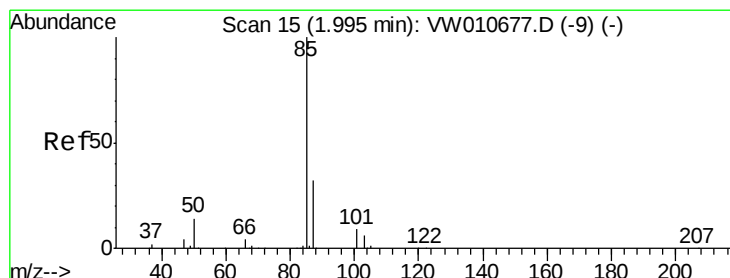
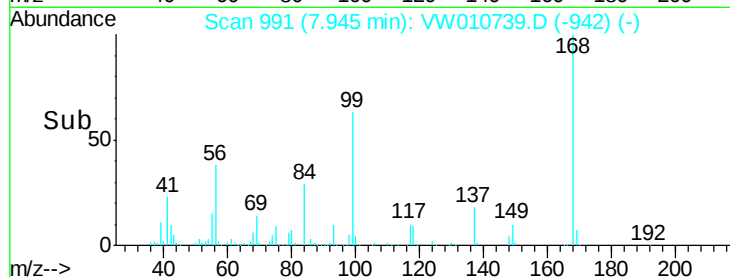
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.371 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010739.D

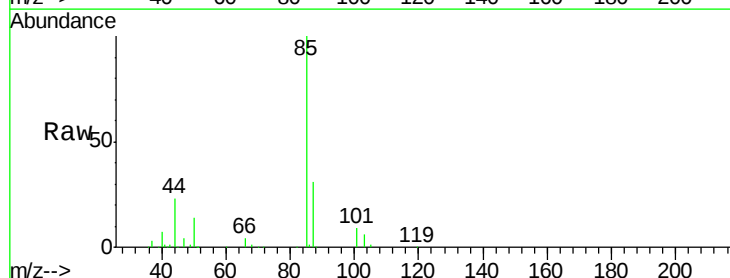
Acq: 10 Jun 2019 12:28

Tgt Ion: 85 Resp: 47325

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

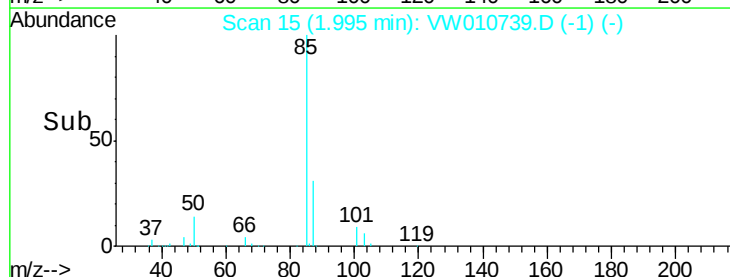
15000

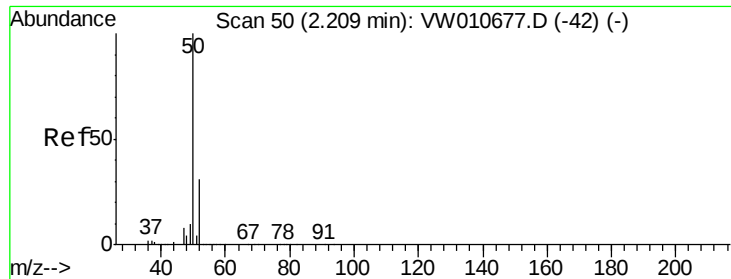
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 18.207 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

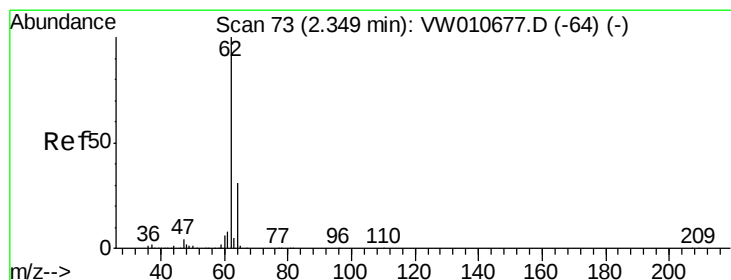
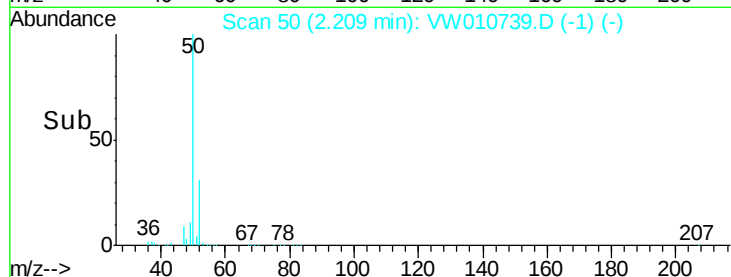
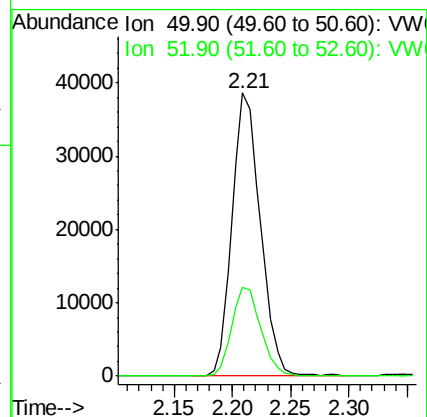
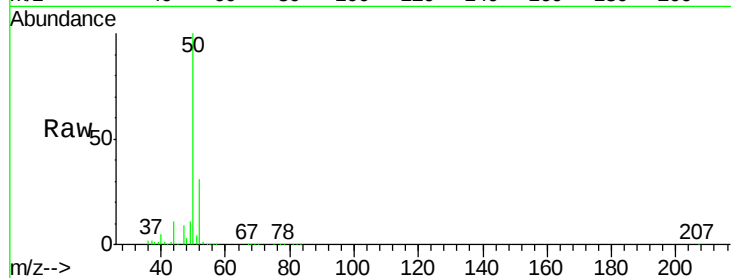
VW0610SBSD01

Tgt Ion: 50 Resp: 65444

Ion Ratio Lower Upper

50 100

52 31.4 25.2 37.8



#4

Vinyl Chloride

Concen: 18.135 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010739.D

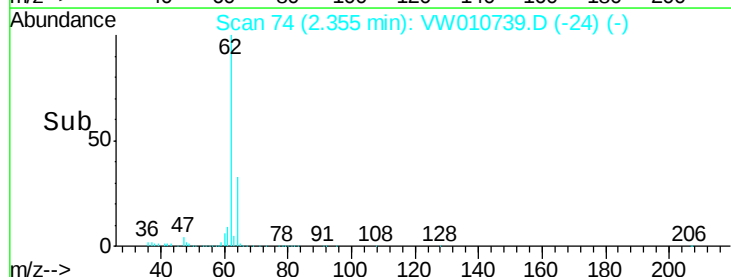
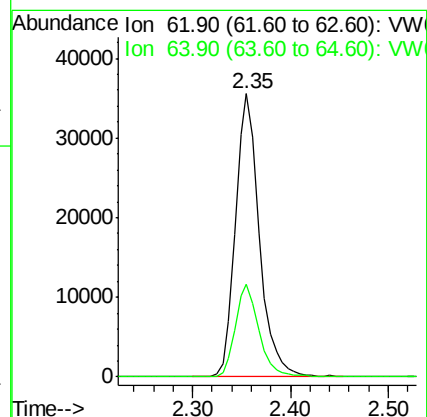
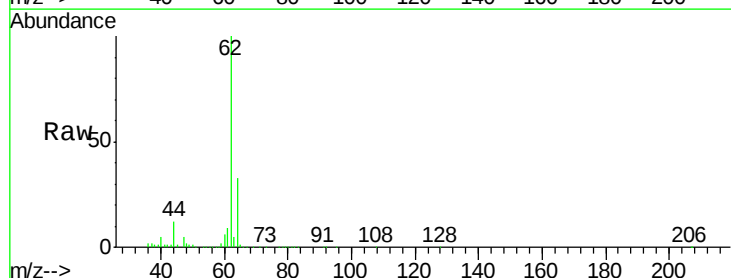
Acq: 10 Jun 2019 12:28

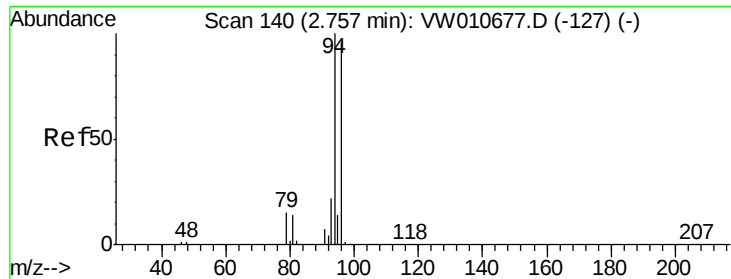
Tgt Ion: 62 Resp: 60226

Ion Ratio Lower Upper

62 100

64 32.6 24.5 36.7





#5

Bromomethane

Concen: 18.989 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

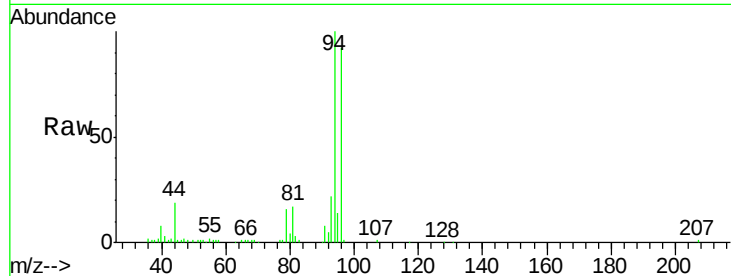
VW0610SBSD01

Tgt Ion: 94 Resp: 34631

Ion Ratio Lower Upper

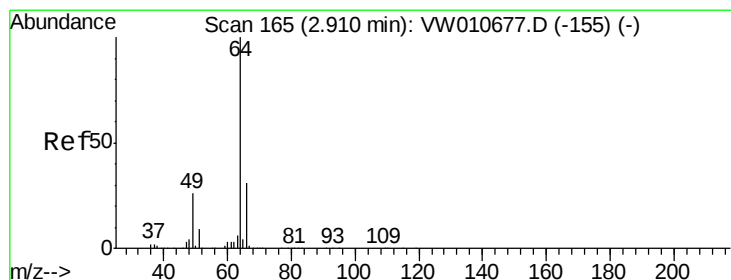
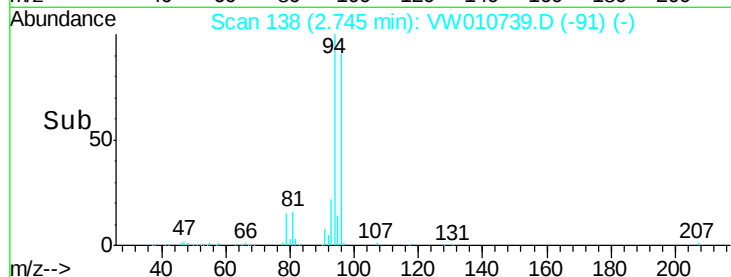
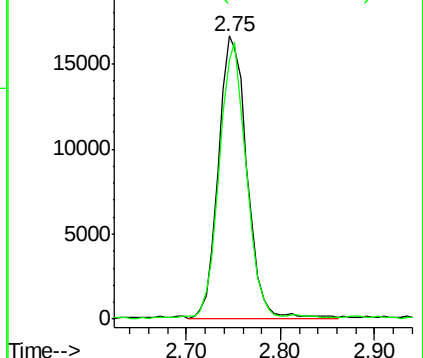
94 100

96 91.1 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.326 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010739.D

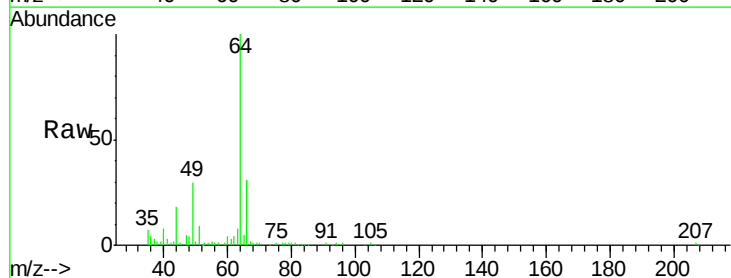
Acq: 10 Jun 2019 12:28

Tgt Ion: 64 Resp: 36532

Ion Ratio Lower Upper

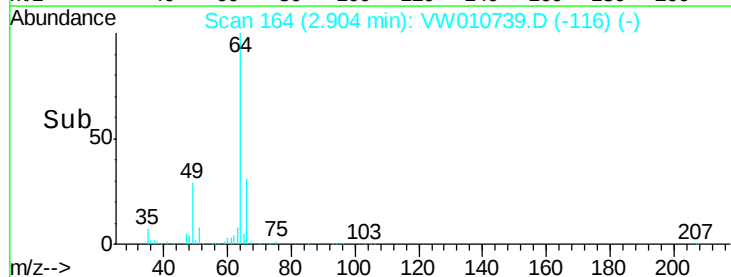
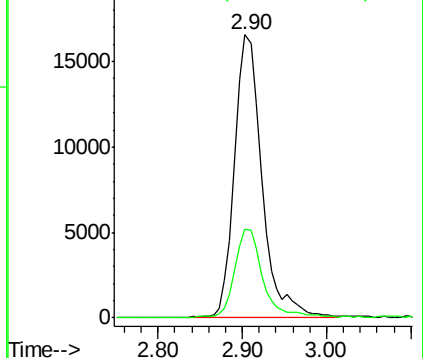
64 100

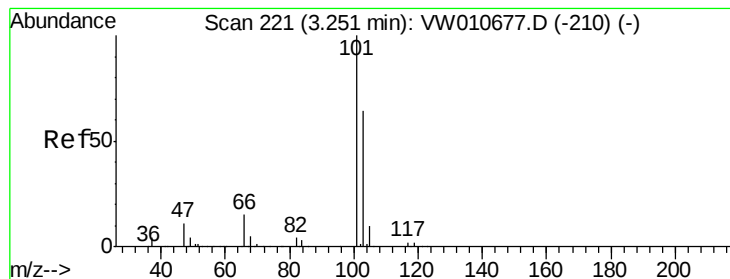
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



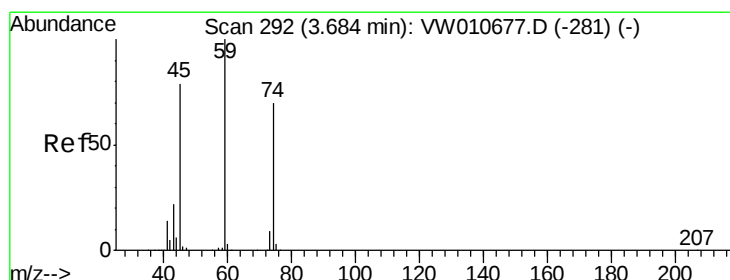
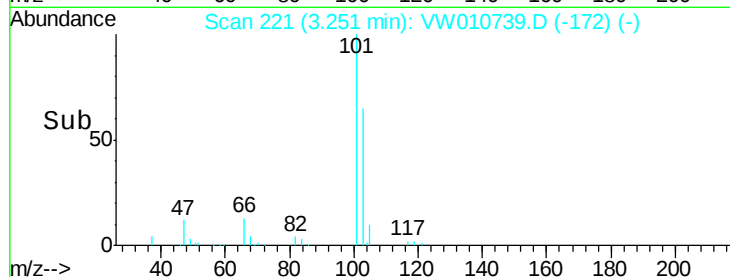
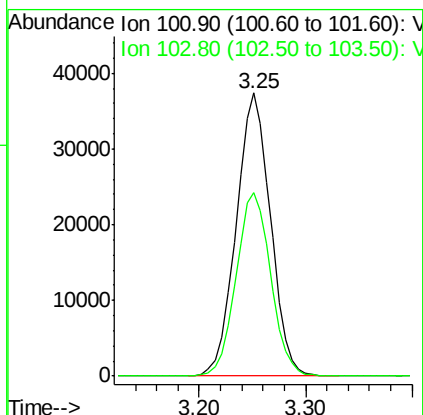
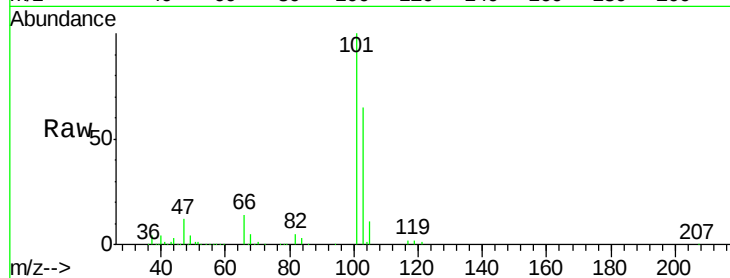


#7

Trichlorofluoromethane
 Concen: 19.601 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
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 VW0610SBSD01

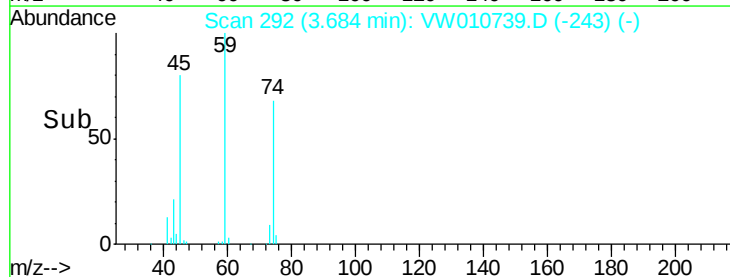
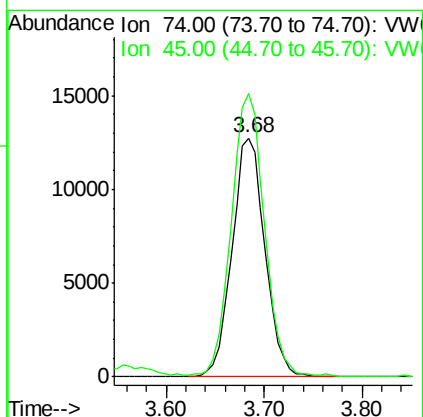
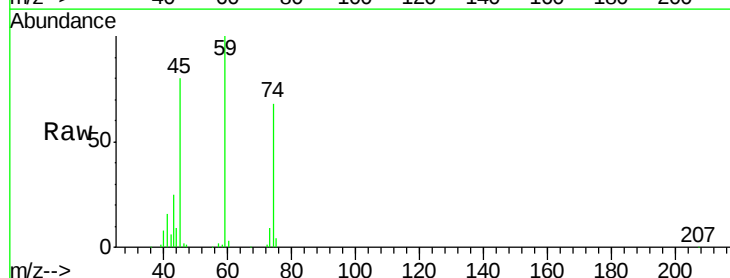
Tgt Ion:101 Resp: 84502
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.2 76.8

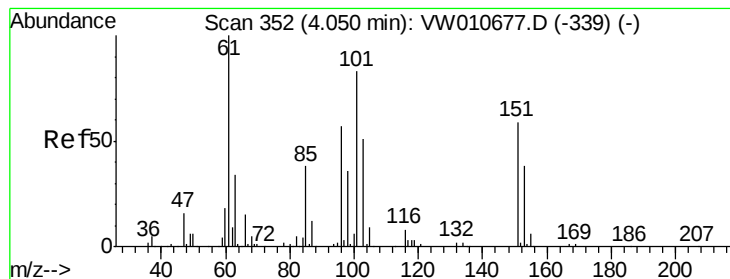


#8

Diethyl Ether
 Concen: 19.212 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 74 Resp: 29598
 Ion Ratio Lower Upper
 74 100
 45 118.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.738 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

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VW0610SBSD01

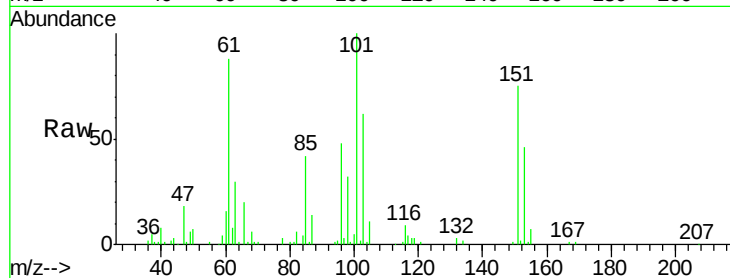
Tgt Ion:101 Resp: 52313

Ion Ratio Lower Upper

101 100

85 45.9 35.8 53.8

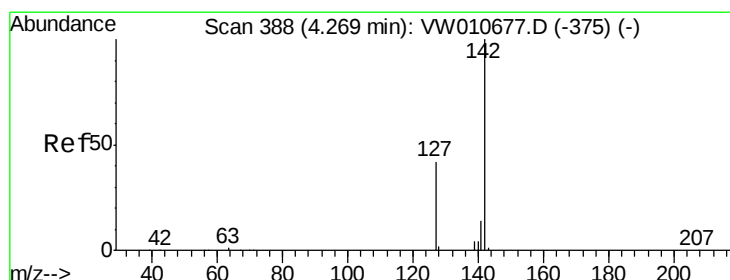
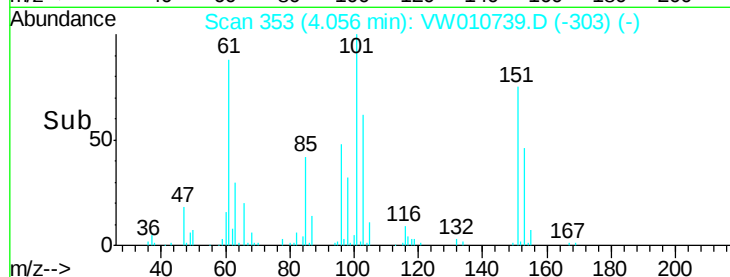
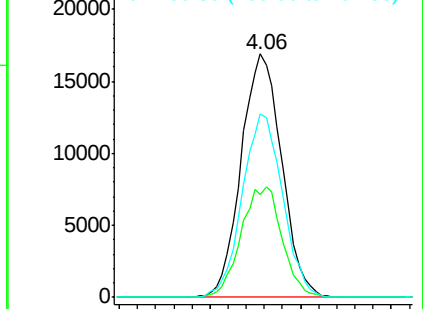
151 74.8 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.035 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

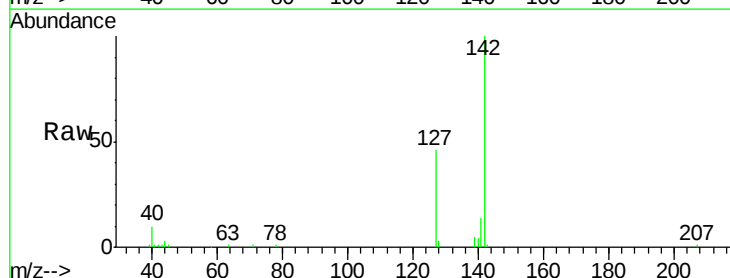
Tgt Ion:142 Resp: 39977

Ion Ratio Lower Upper

142 100

127 44.6 34.6 51.8

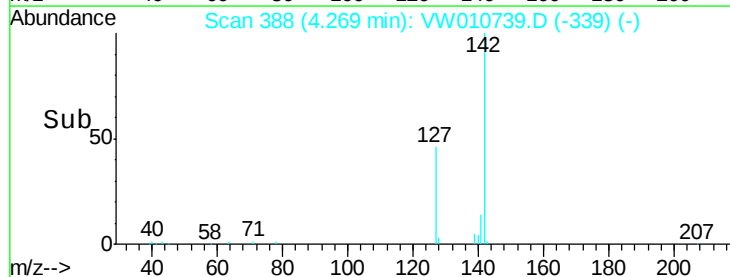
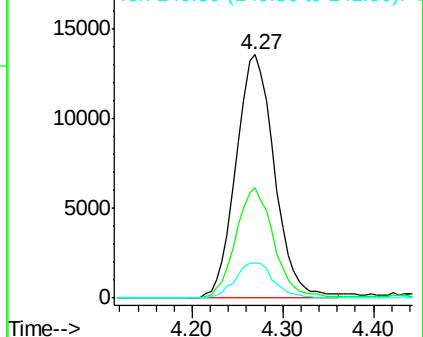
141 14.4 11.6 17.4

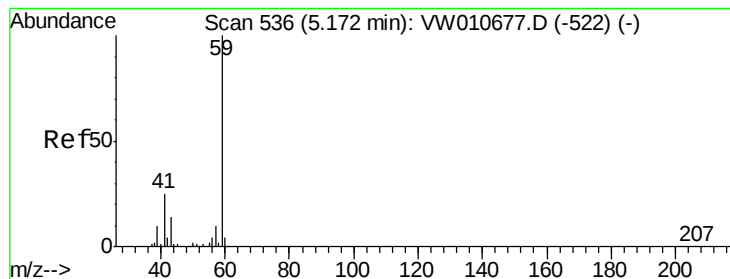


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



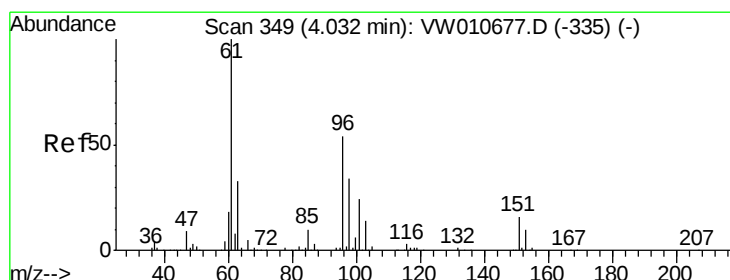
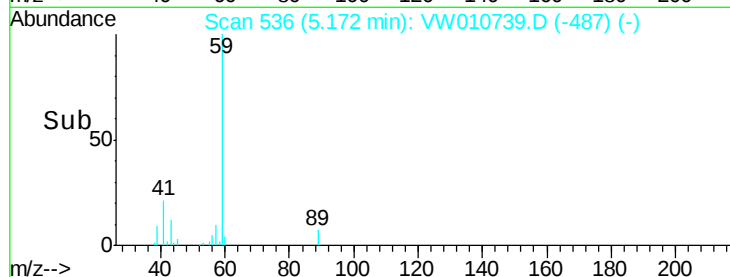
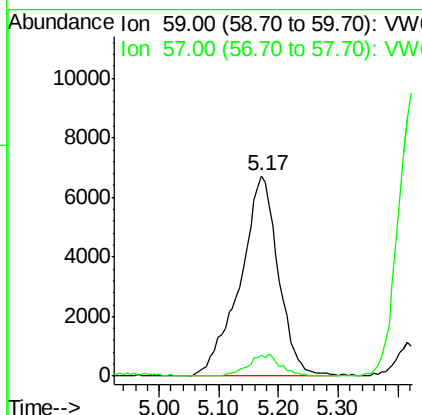
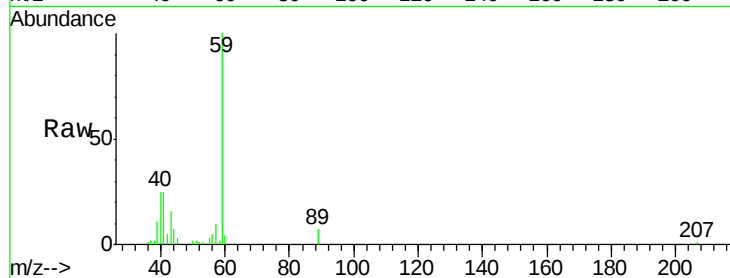


#11

Tert butyl alcohol
Concen: 118.172 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampled :
VW0610SBSD01

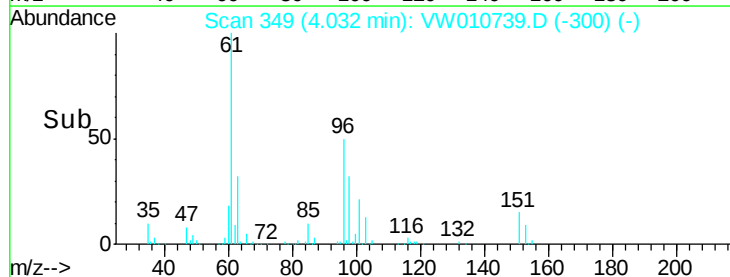
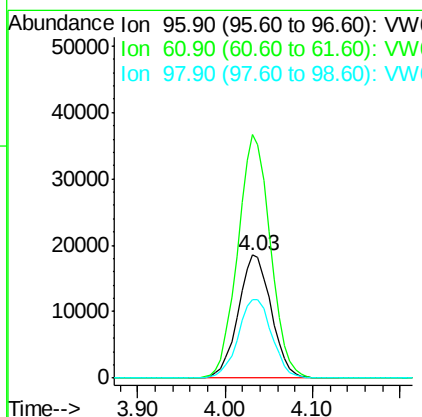
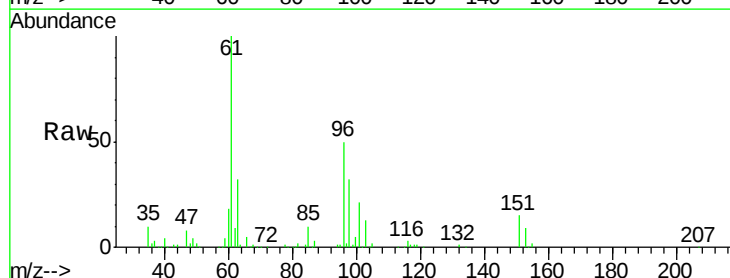
Tgt Ion: 59 Resp: 30000
Ion Ratio Lower Upper
59 100
57 9.0 8.6 12.8

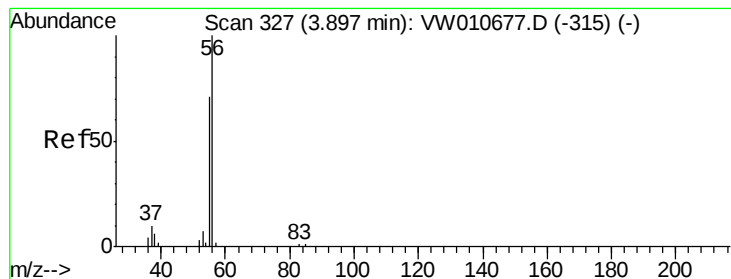


#12

1,1-Dichloroethene
Concen: 19.014 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 96 Resp: 48613
Ion Ratio Lower Upper
96 100
61 198.4 149.1 223.7
98 64.1 51.1 76.7





#13

Acrolein

Concen: 82.679 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

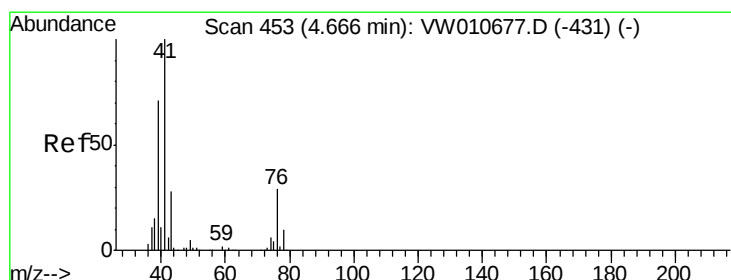
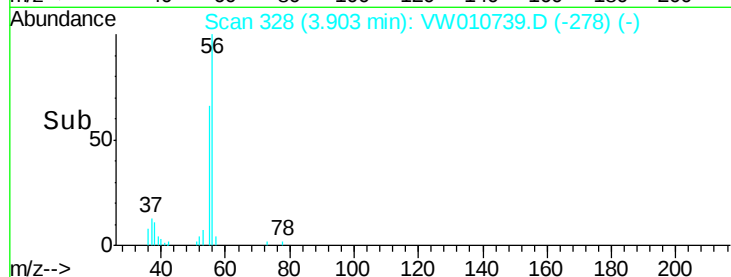
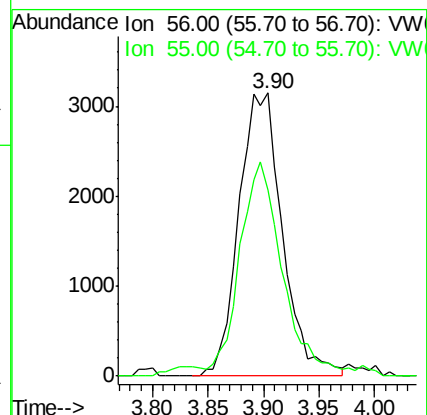
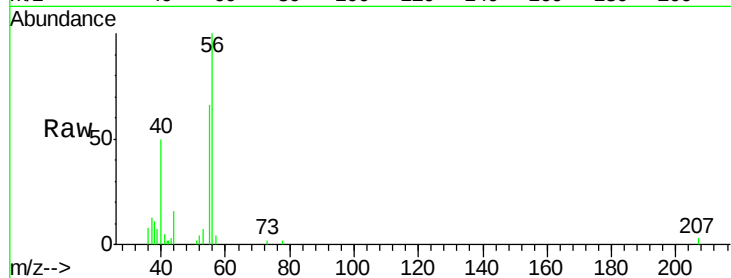
VW0610SBSD01

Tgt Ion: 56 Resp: 8577

Ion Ratio Lower Upper

56 100

55 69.6 57.6 86.4



#14

Allyl chloride

Concen: 20.278 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

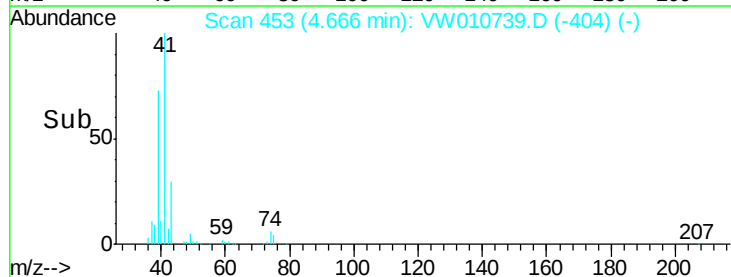
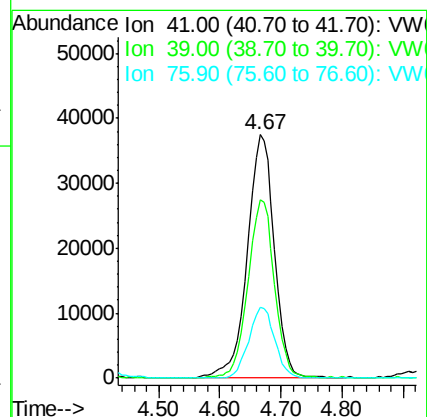
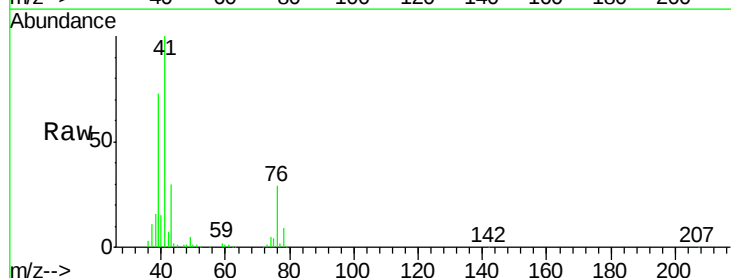
Tgt Ion: 41 Resp: 114314

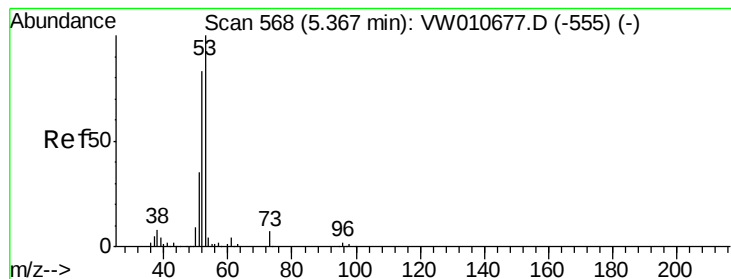
Ion Ratio Lower Upper

41 100

39 72.1 55.8 83.6

76 28.3 22.7 34.1





#15

Acrylonitrile

Concen: 95.543 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

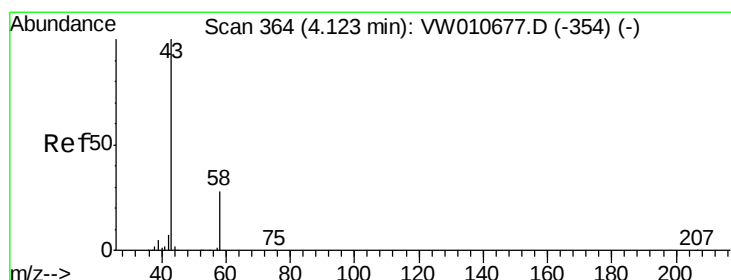
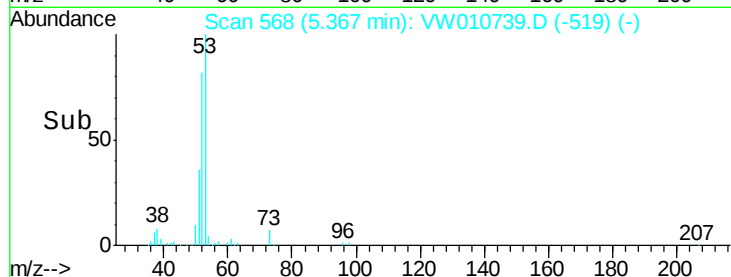
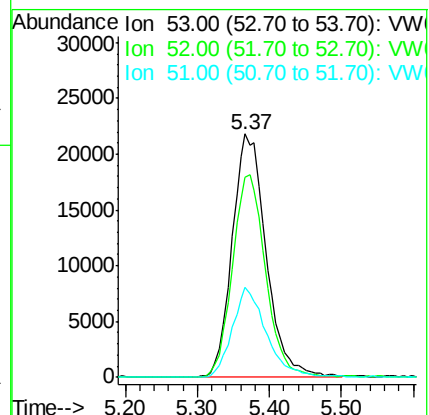
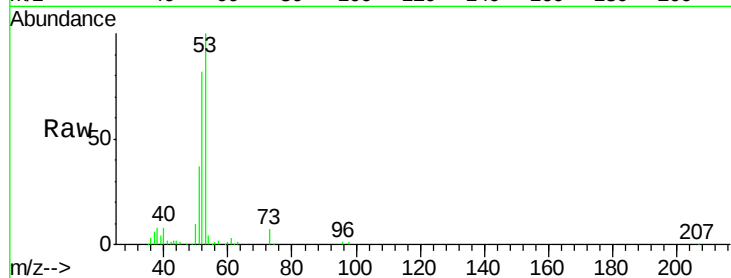
Tgt Ion: 53 Resp: 71509

Ion Ratio Lower Upper

53 100

52 81.6 66.6 100.0

51 37.1 29.8 44.8



#16

Acetone

Concen: 88.884 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010739.D

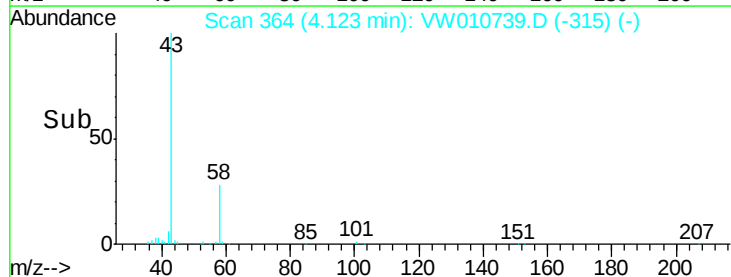
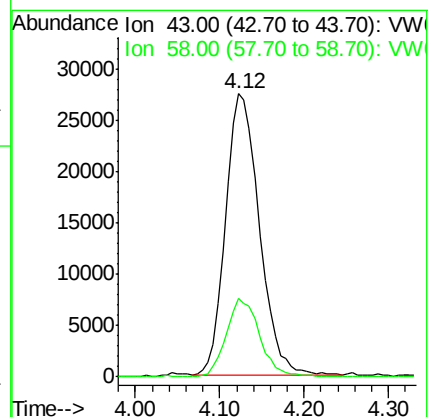
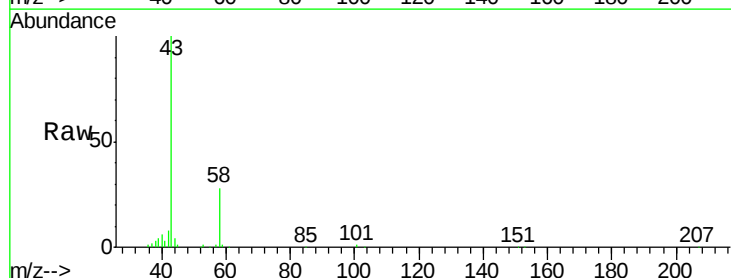
Acq: 10 Jun 2019 12:28

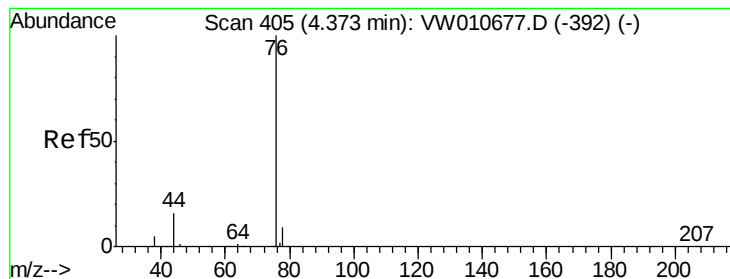
Tgt Ion: 43 Resp: 74216

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1





#17

Carbon Disulfide

Concen: 19.126 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

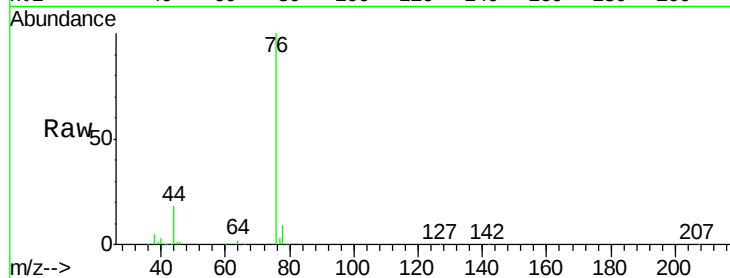
VW0610SBSD01

Tgt Ion: 76 Resp: 155234

Ion Ratio Lower Upper

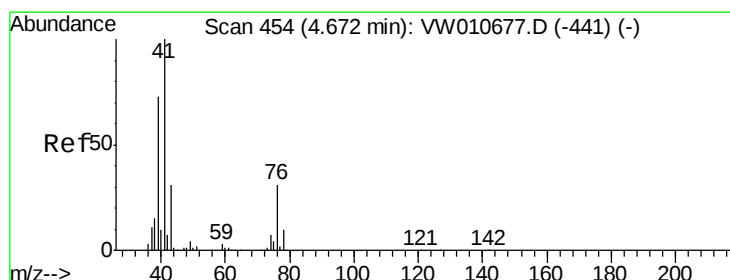
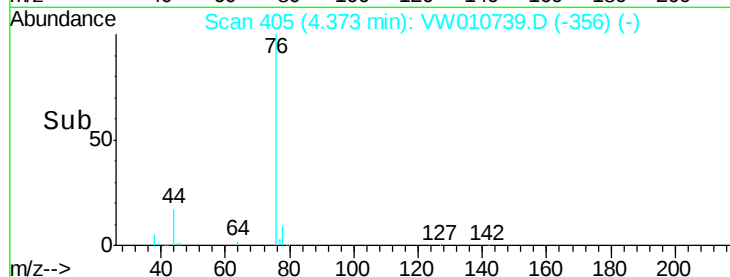
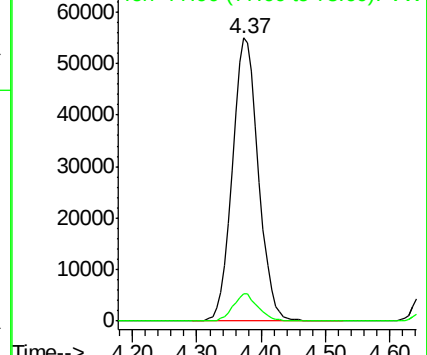
76 100

78 9.5 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: 19.620 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW010739.D

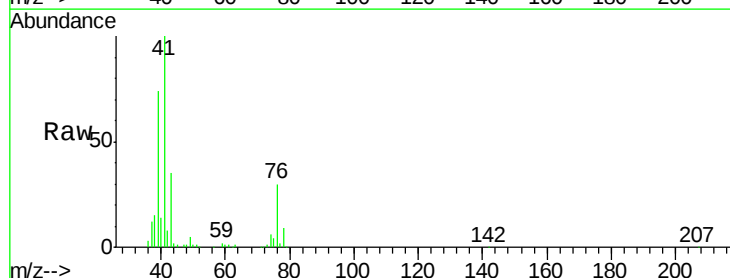
Acq: 10 Jun 2019 12:28

Tgt Ion: 43 Resp: 35265

Ion Ratio Lower Upper

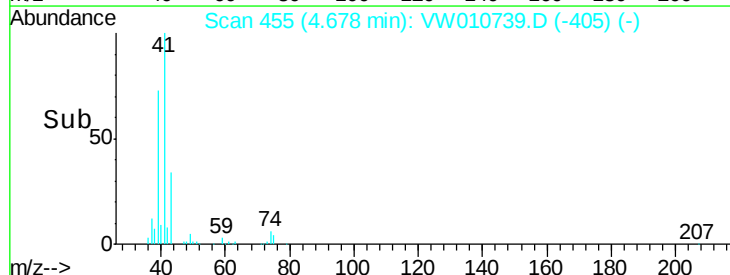
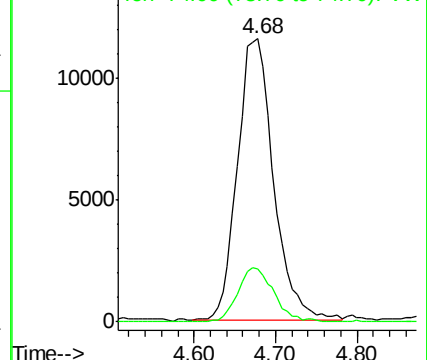
43 100

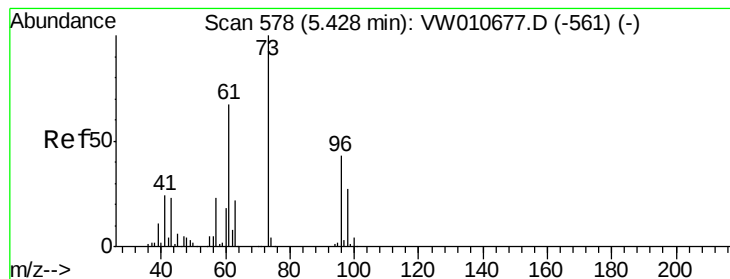
74 19.3 16.7 25.1



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: 19.373 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

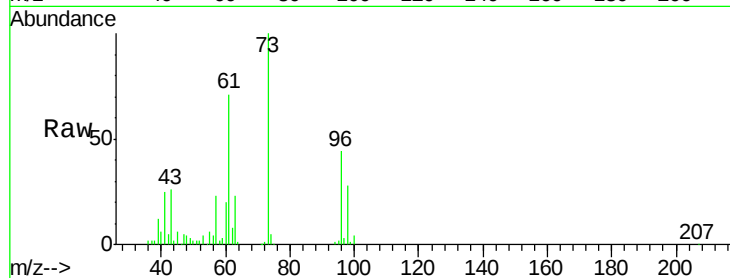
VW0610SBSD01

Tgt Ion: 73 Resp: 142853

Ion Ratio Lower Upper

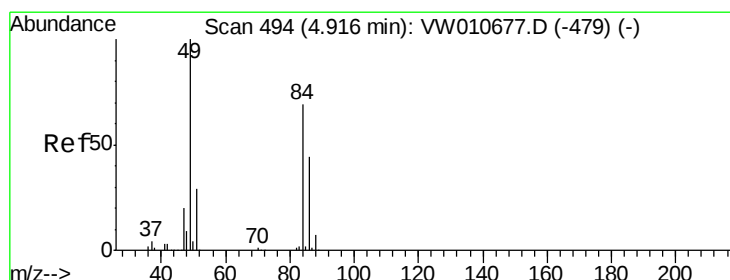
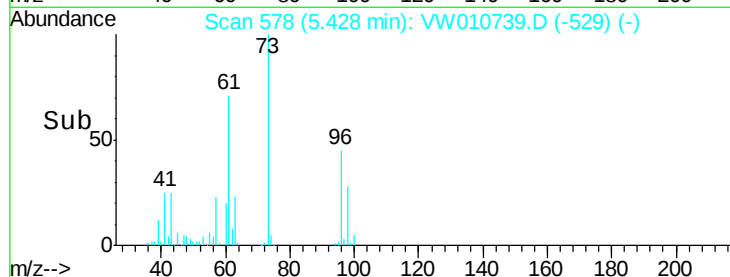
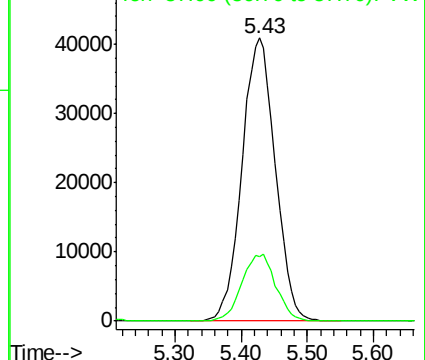
73 100

57 23.0 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 20.102 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion: 84 Resp: 58883

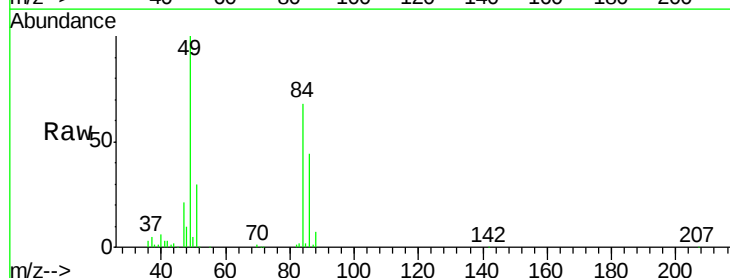
Ion Ratio Lower Upper

84 100

49 146.5 116.7 175.1

51 43.9 34.2 51.2

86 64.5 51.2 76.8

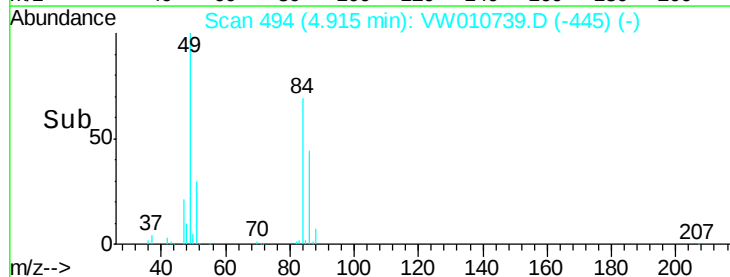
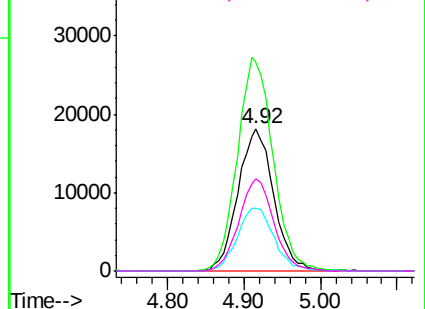


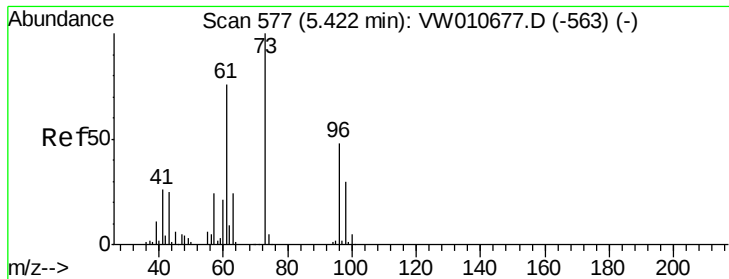
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 19.492 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

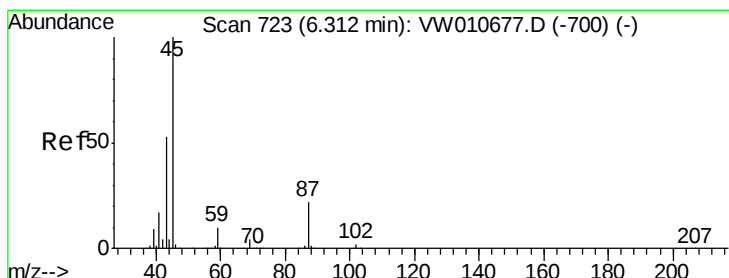
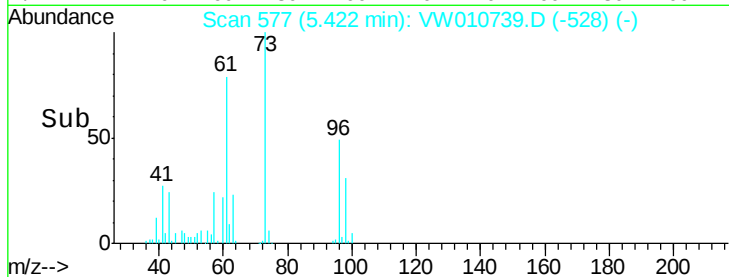
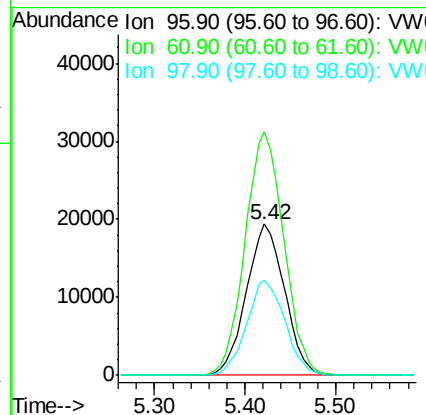
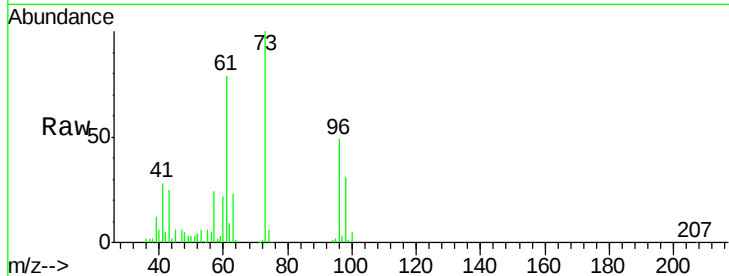
Tgt Ion: 96 Resp: 56573

Ion Ratio Lower Upper

96 100

61 161.0 126.0 189.0

98 62.9 49.6 74.4



#22

Diisopropyl ether

Concen: 20.233 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion: 45 Resp: 228355

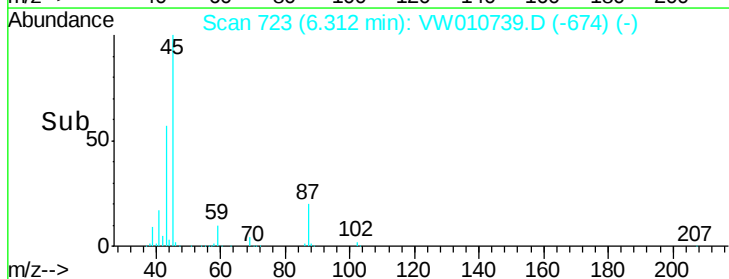
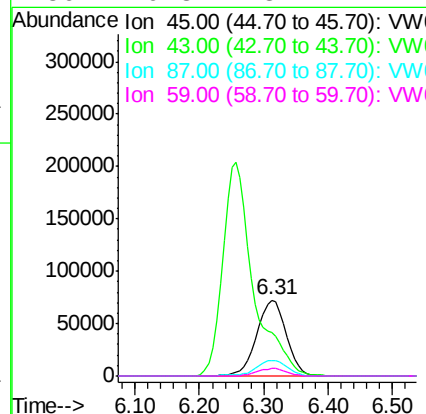
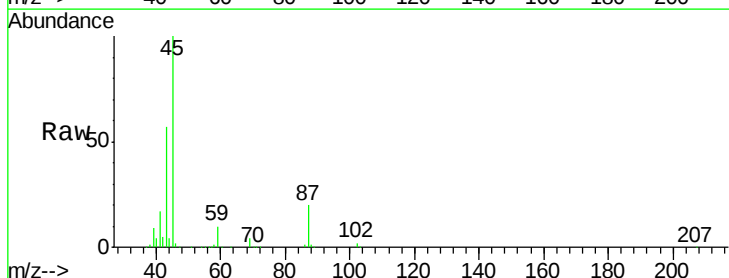
Ion Ratio Lower Upper

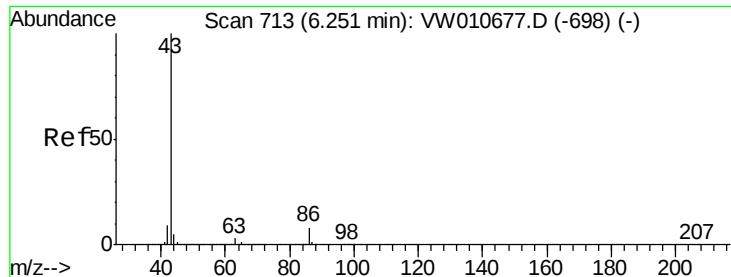
45 100

43 56.5 42.5 63.7

87 19.7 17.4 26.2

59 10.3 8.1 12.1





#23

Vinyl Acetate

Concen: 99.794 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

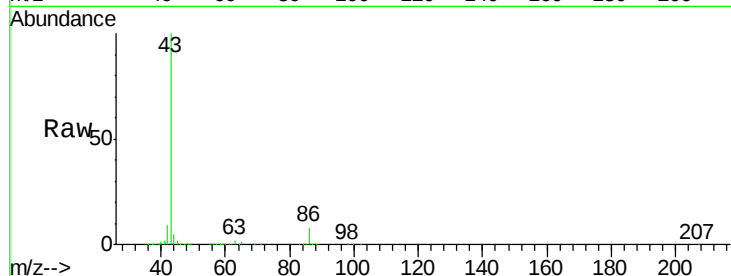
VW0610SBSD01

Tgt Ion: 43 Resp: 679720

Ion Ratio Lower Upper

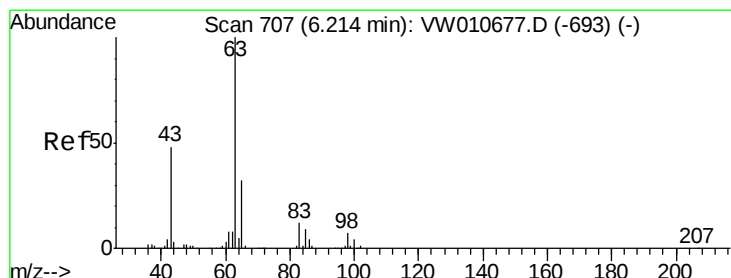
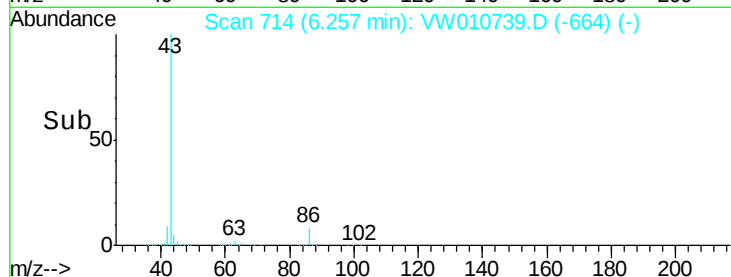
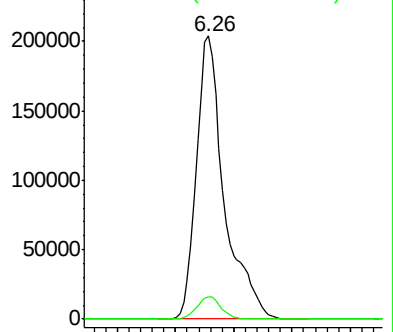
43 100

86 7.9 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: 20.279 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

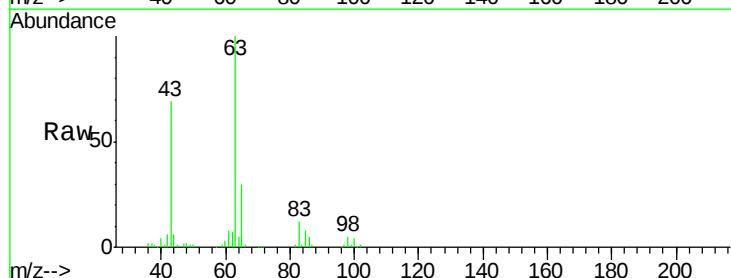
Tgt Ion: 63 Resp: 114700

Ion Ratio Lower Upper

63 100

98 5.3 3.4 10.2

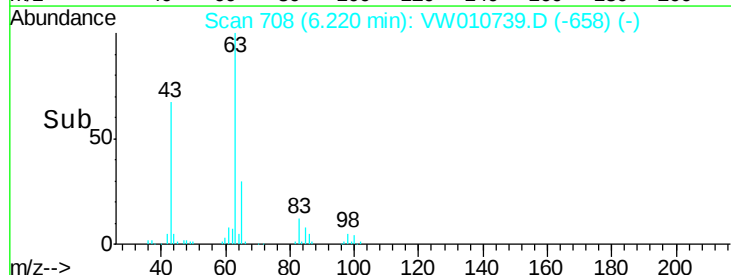
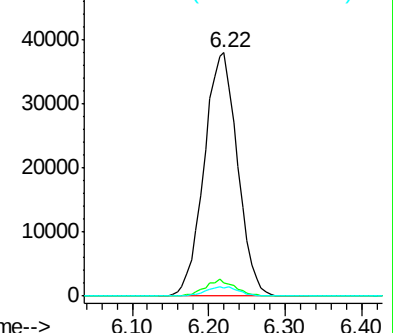
100 3.6 2.1 6.3

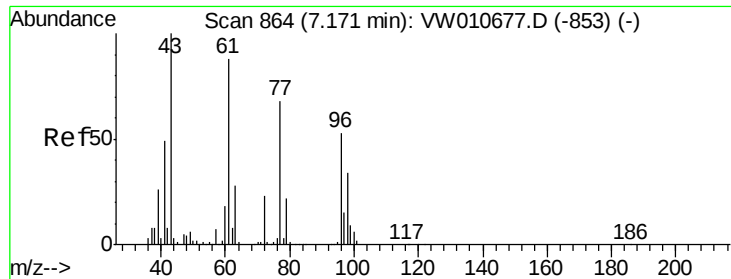


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

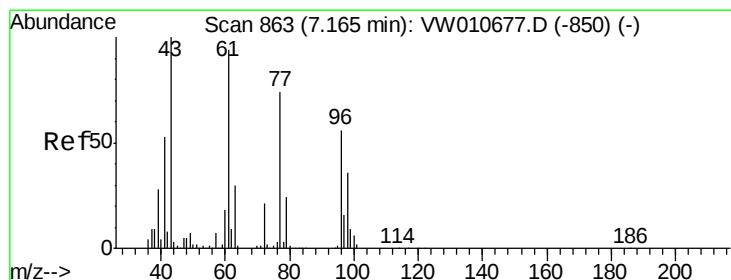
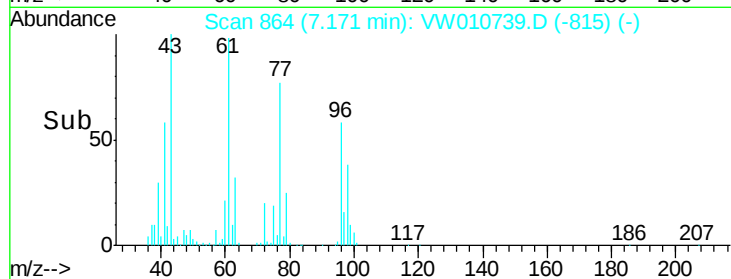
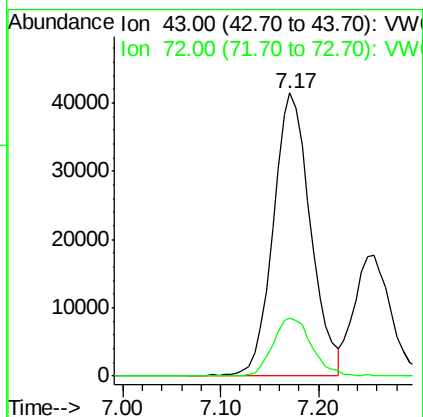
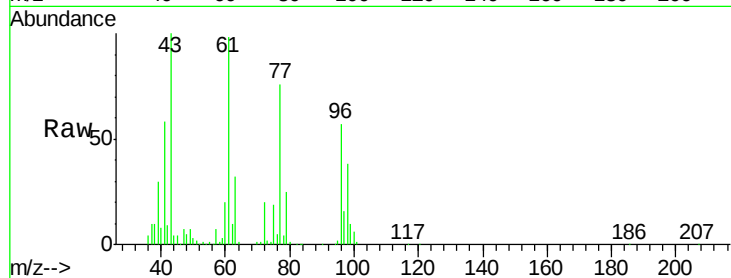




#25
2-Butanone
Concen: 95.128 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

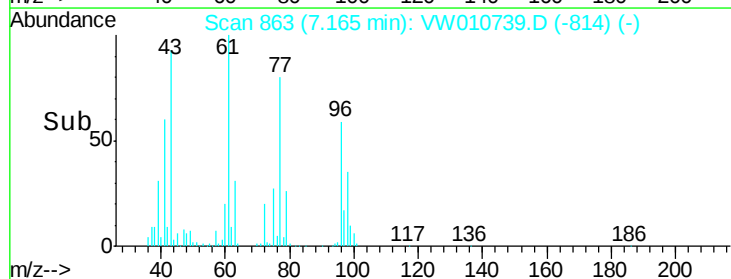
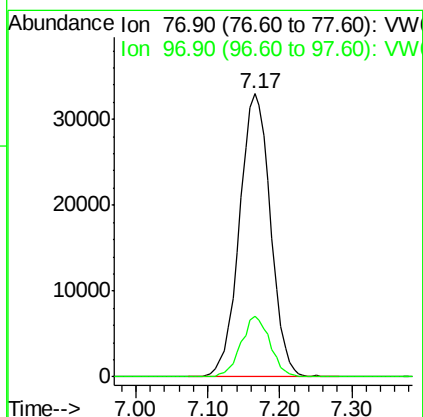
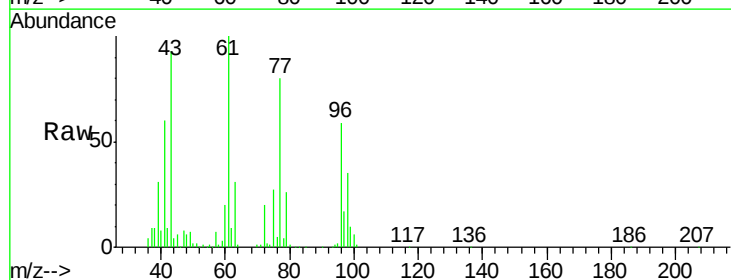
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

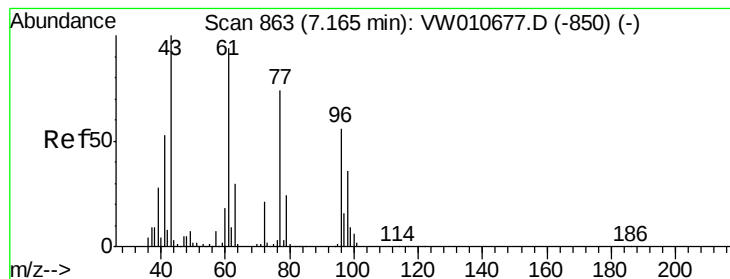
Tgt Ion: 43 Resp: 110139
Ion Ratio Lower Upper
43 100
72 20.4 18.1 27.1



#26
2,2-Dichloropropane
Concen: 21.426 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 77 Resp: 98611
Ion Ratio Lower Upper
77 100
97 20.1 10.5 31.6



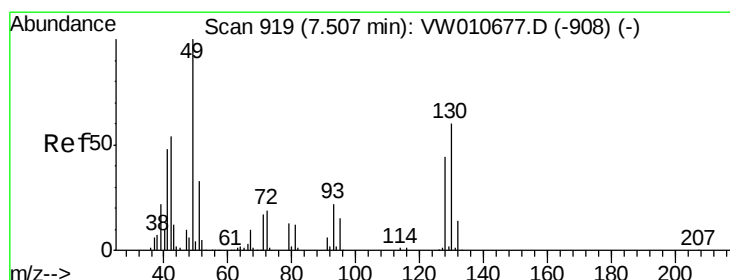
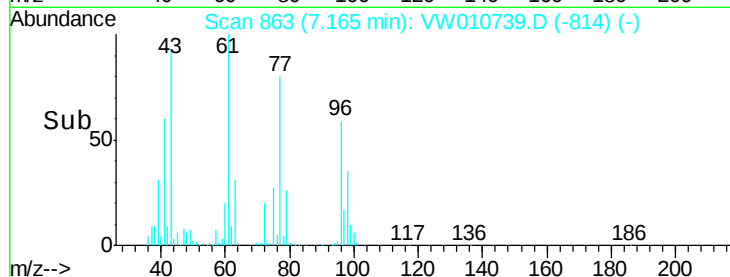
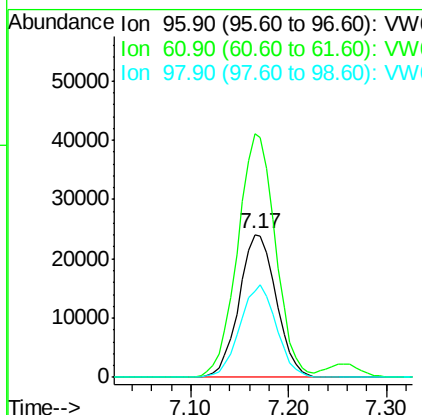
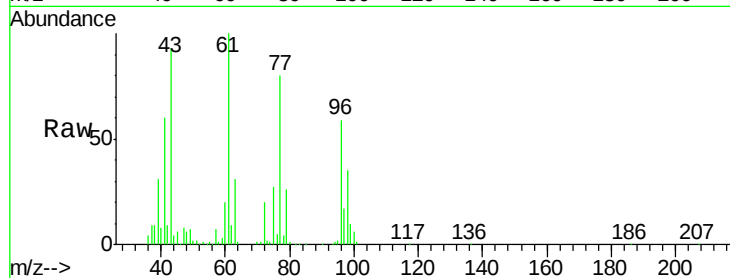


#27

cis-1,2-Dichloroethene
Concen: 19.911 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

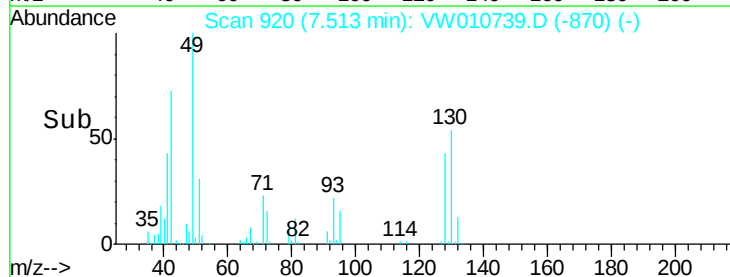
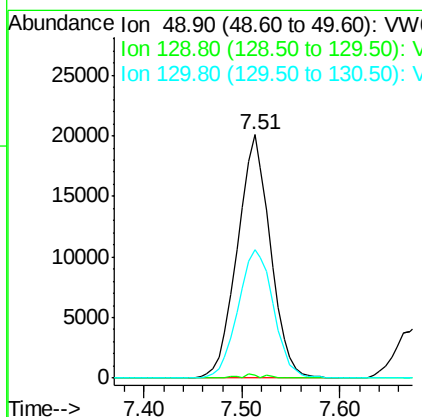
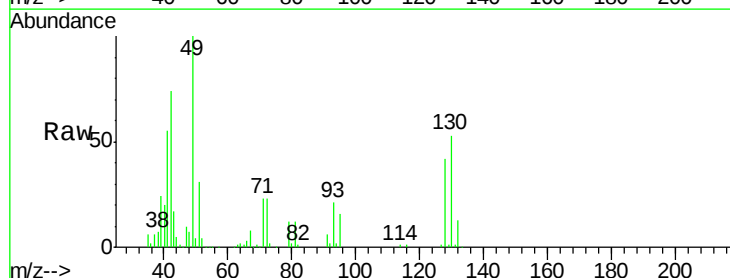
Tgt Ion: 96 Resp: 63598
Ion Ratio Lower Upper
96 100
61 173.8 0.0 336.4
98 63.3 0.0 128.0

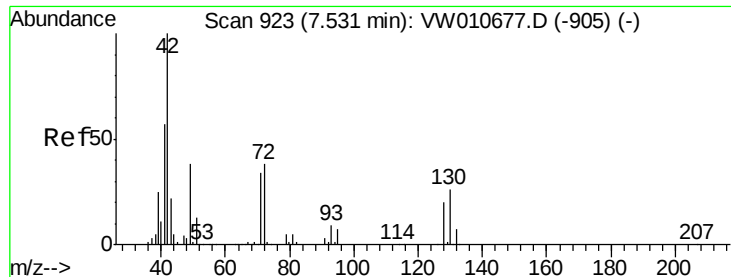


#28

Bromochloromethane
Concen: 18.698 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 49 Resp: 47196
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.2
130 56.7 48.3 72.5

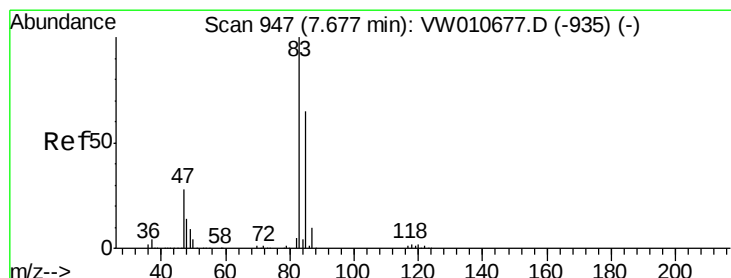
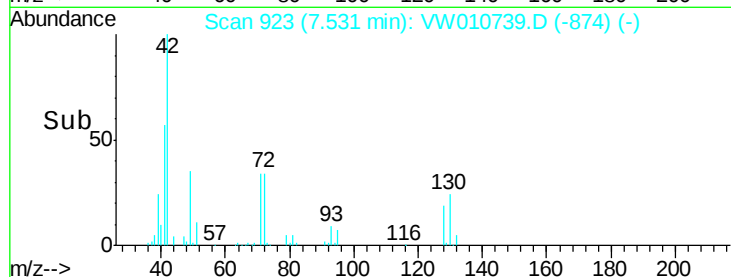
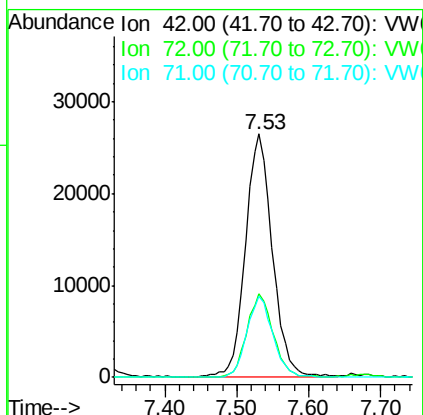
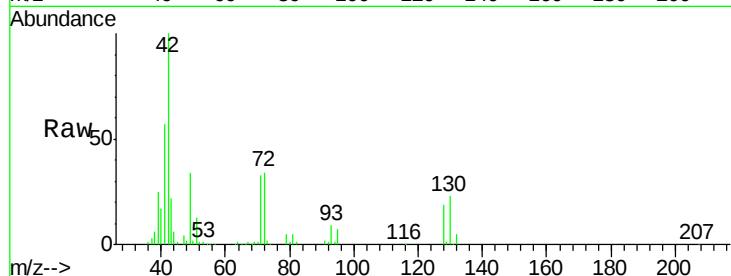




#29
Tetrahydrofuran
Concen: 94.907 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

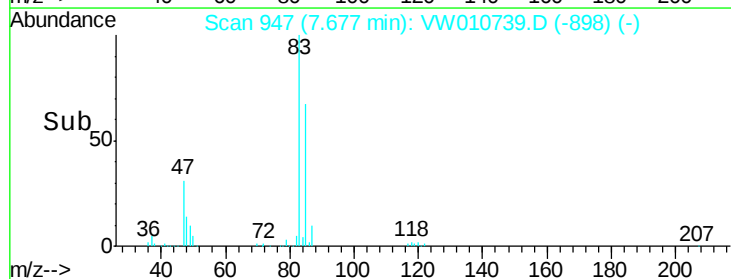
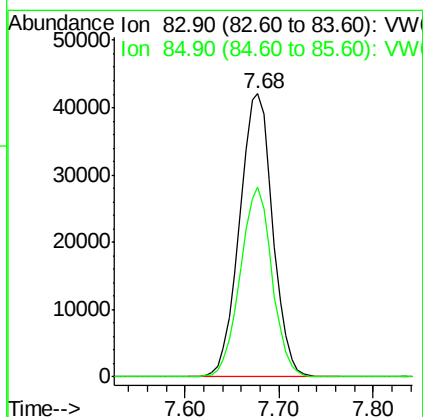
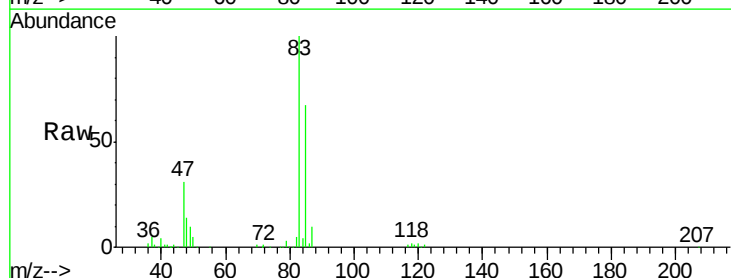
Instrument :
MSVOA_W
ClientSampled :
VW0610SBS01

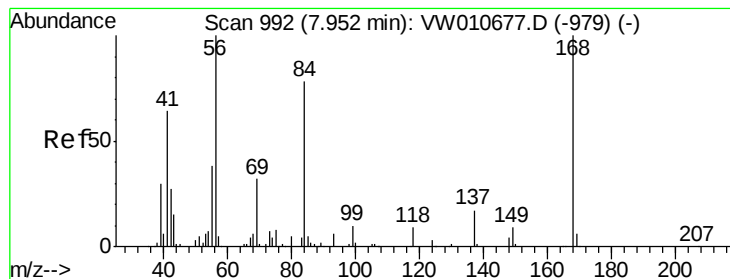
Tgt Ion: 42 Resp: 69116
Ion Ratio Lower Upper
42 100
72 33.5 28.7 43.1
71 32.2 26.6 39.8



#30
Chloroform
Concen: 19.997 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 83 Resp: 103453
Ion Ratio Lower Upper
83 100
85 67.3 51.8 77.8





#31

Cyclohexane

Concen: 19.498 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

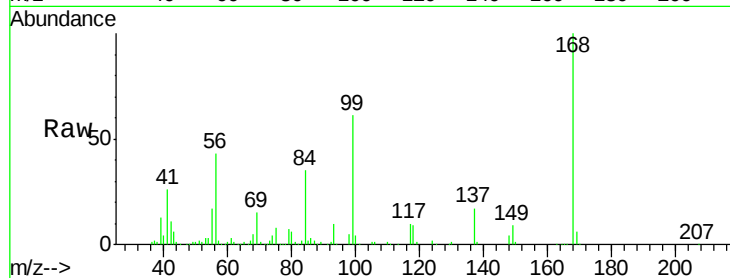
Tgt Ion: 56 Resp: 122593

Ion Ratio Lower Upper

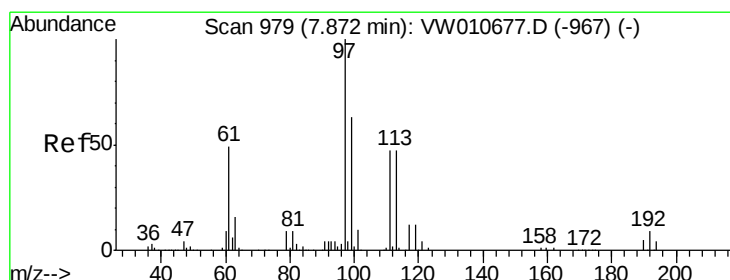
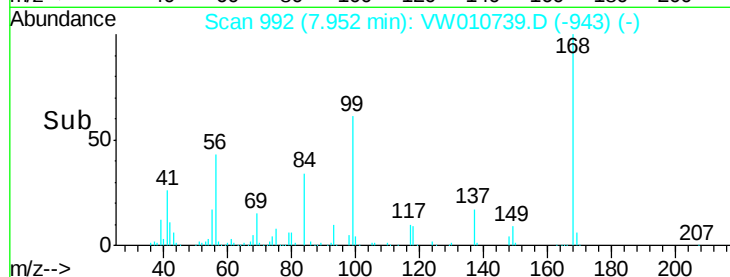
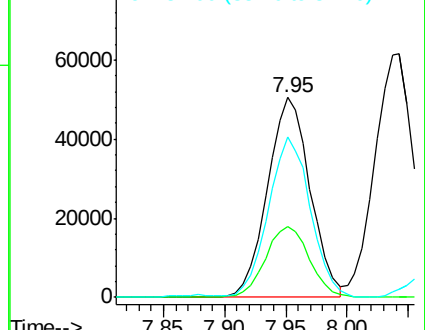
56 100

69 35.6 25.2 37.8

84 79.1 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: 20.341 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

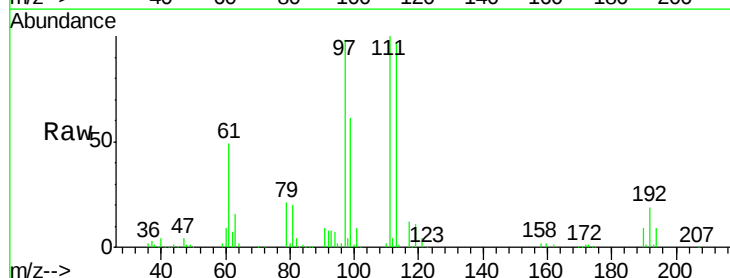
Tgt Ion: 97 Resp: 91924

Ion Ratio Lower Upper

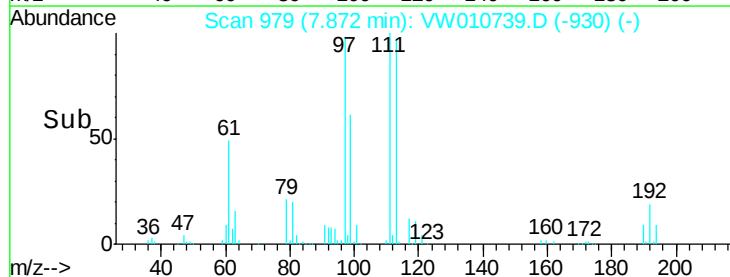
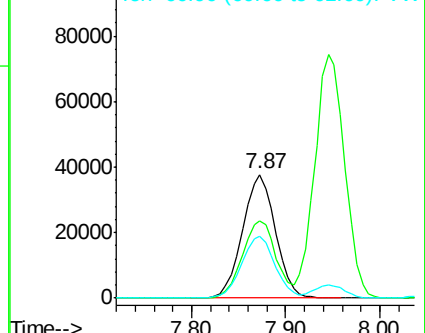
97 100

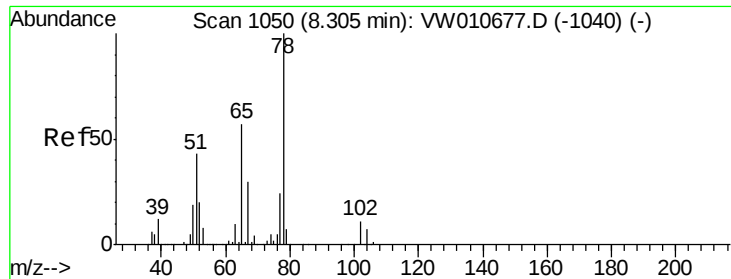
99 64.5 51.3 76.9

61 51.0 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

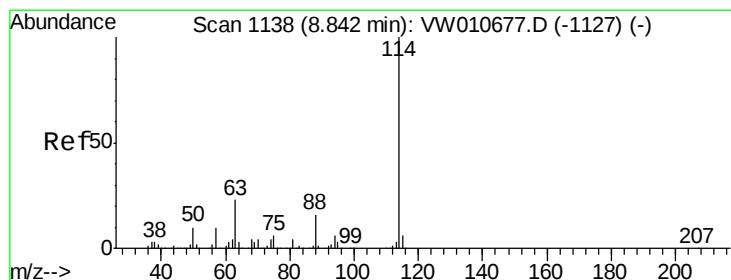
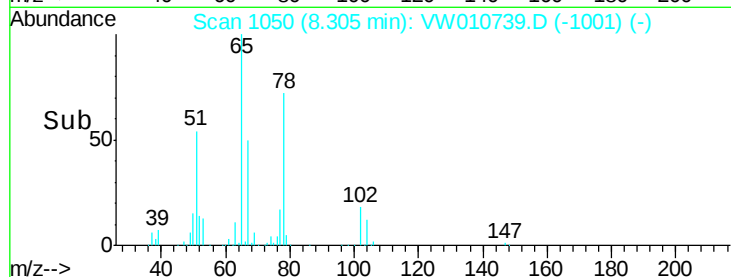
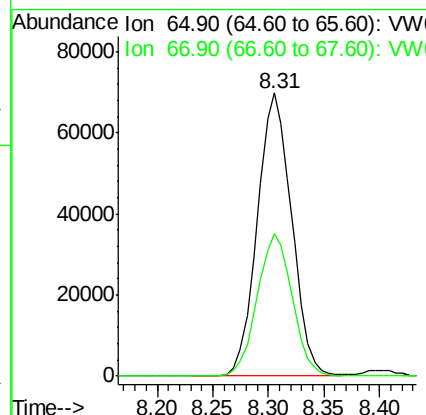
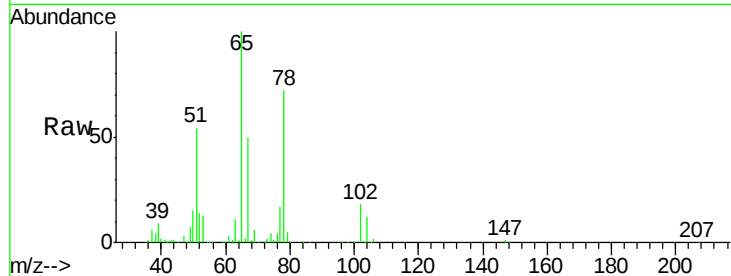




#33
 1,2-Dichloroethane-d4
 Concen: 48.096 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

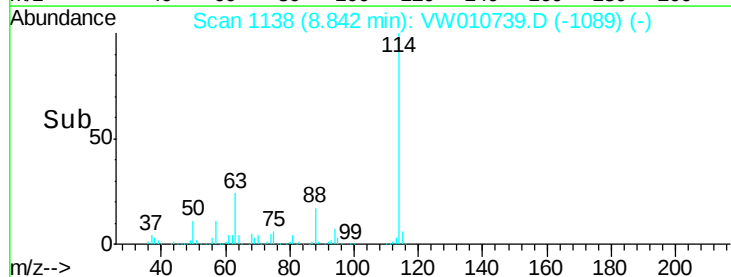
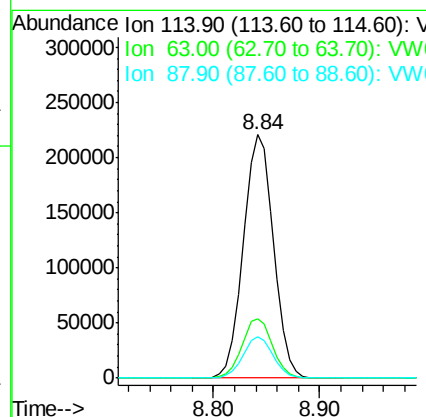
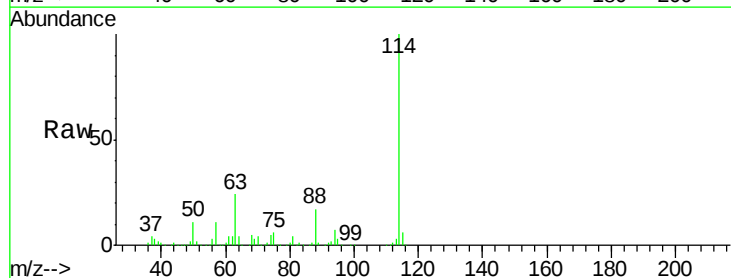
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

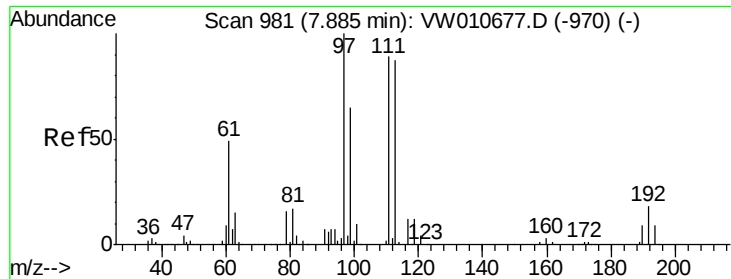
Tgt Ion: 65 Resp: 149875
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 114 Resp: 439619
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.4
 88 16.9 0.0 32.2

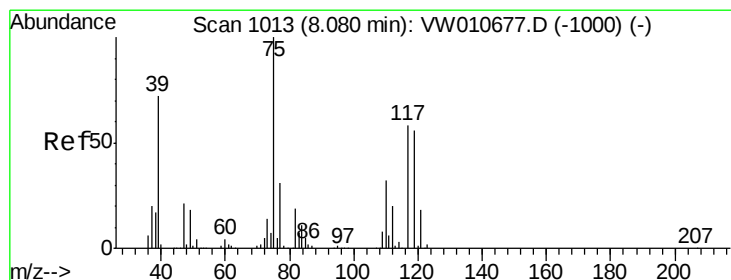
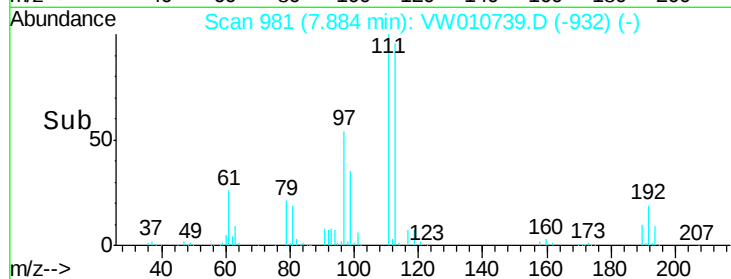
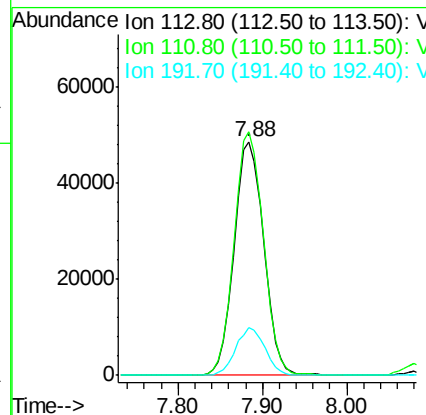
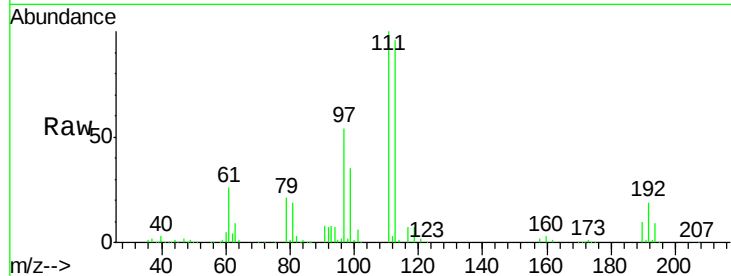




#35
 Dibromofluoromethane
 Concen: 48.436 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

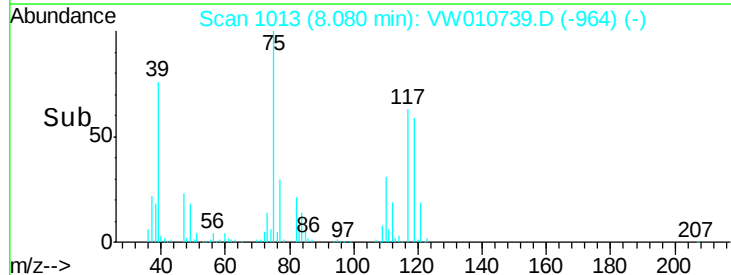
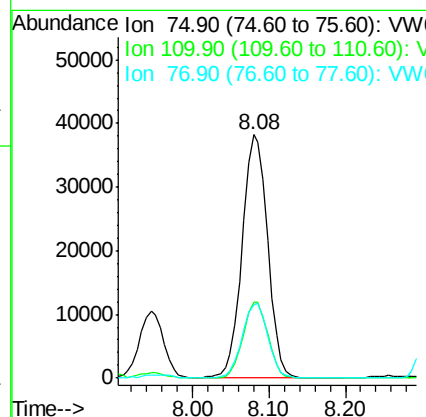
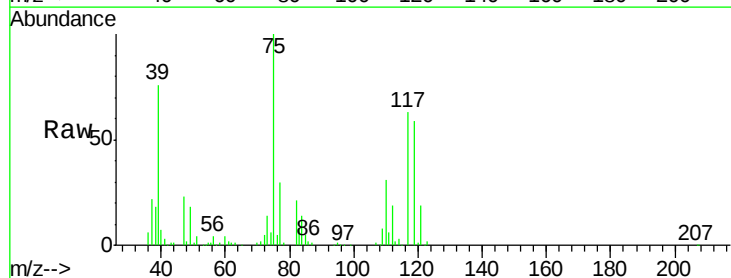
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

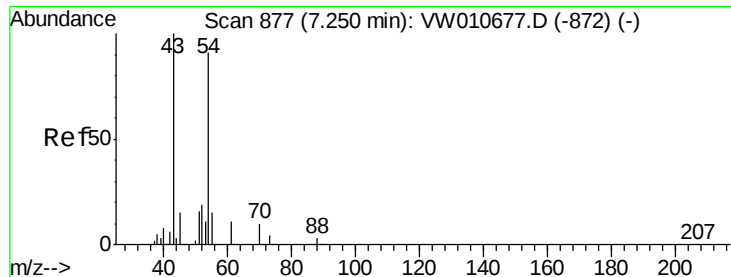
Tgt Ion: 113 Resp: 115577
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 123.8
 192 19.9 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 19.663 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 75 Resp: 88482
 Ion Ratio Lower Upper
 75 100
 110 30.6 15.8 47.3
 77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 18.684 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

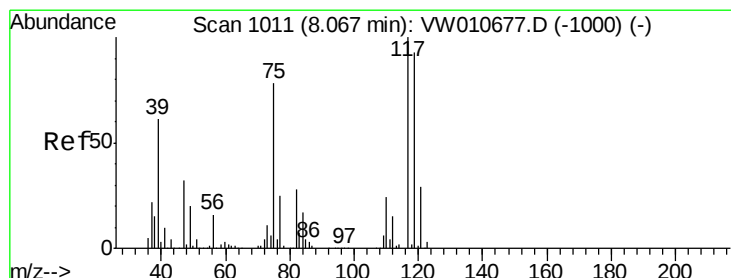
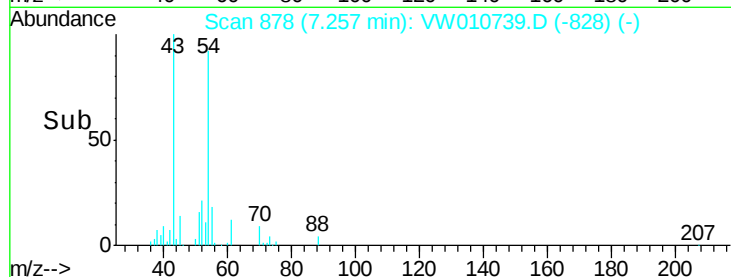
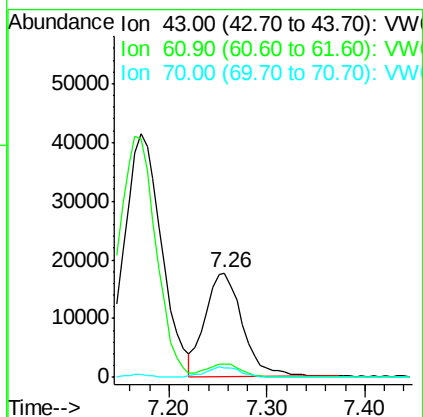
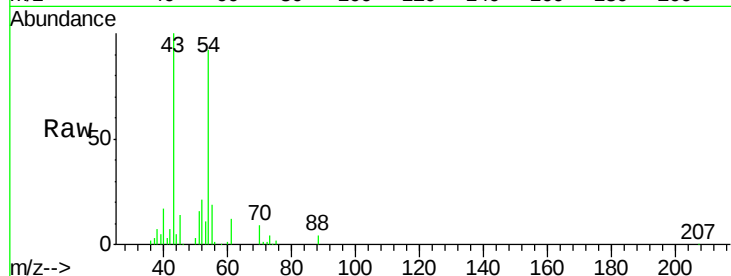
Tgt Ion: 43 Resp: 46592

Ion Ratio Lower Upper

43 100

61 12.3 9.7 14.5

70 9.5 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.115 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

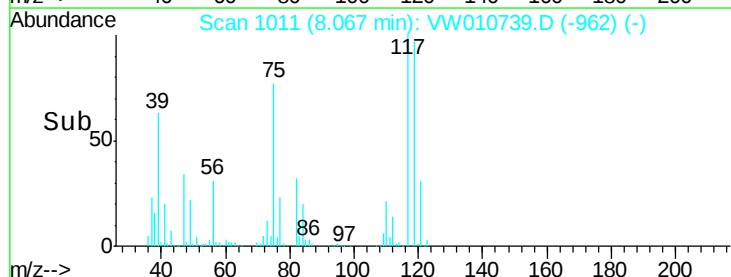
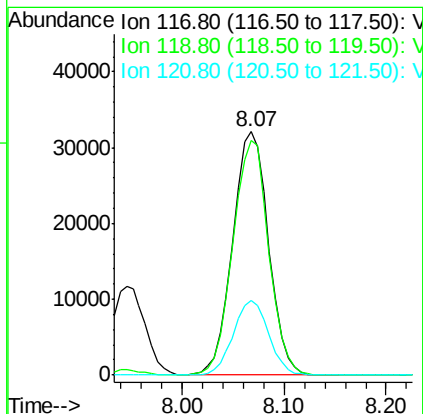
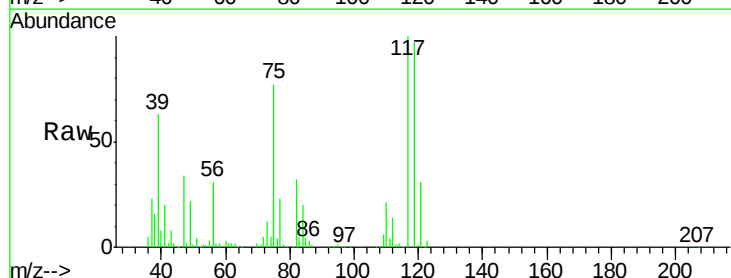
Tgt Ion: 117 Resp: 78139

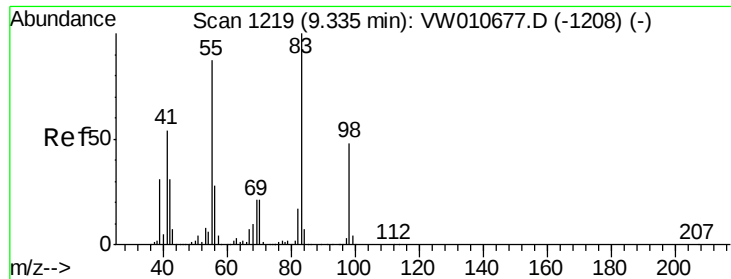
Ion Ratio Lower Upper

117 100

119 96.6 74.2 111.4

121 30.5 22.9 34.3

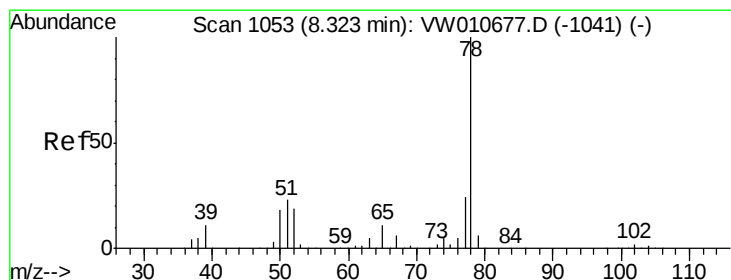
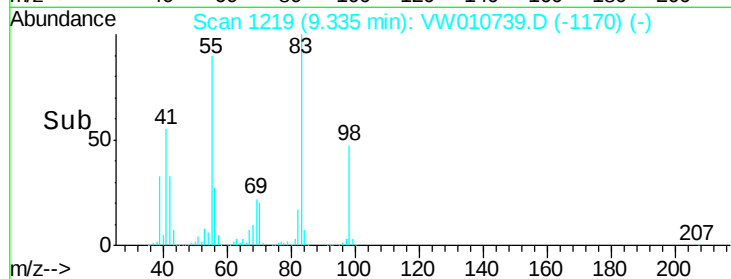
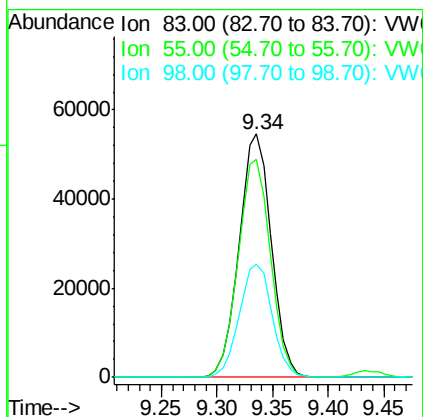
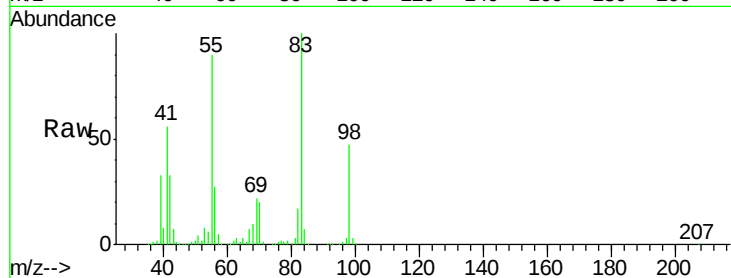




#39
Methylcyclohexane
Concen: 19.182 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

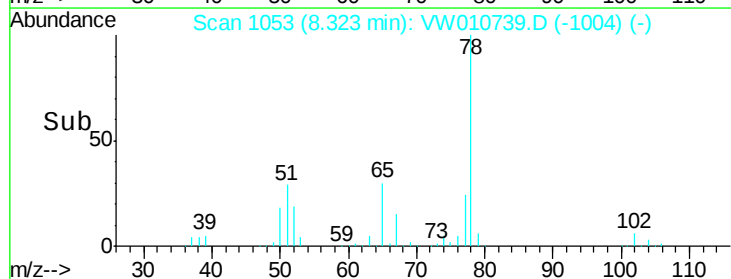
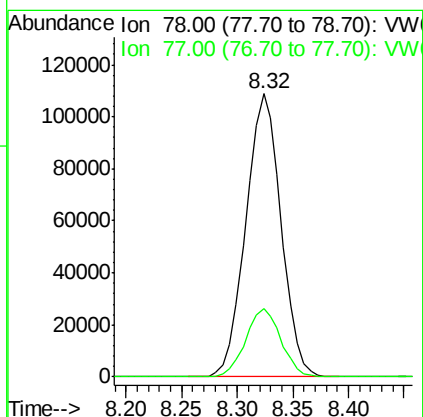
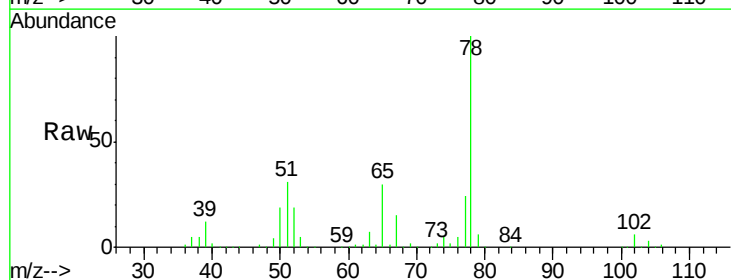
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

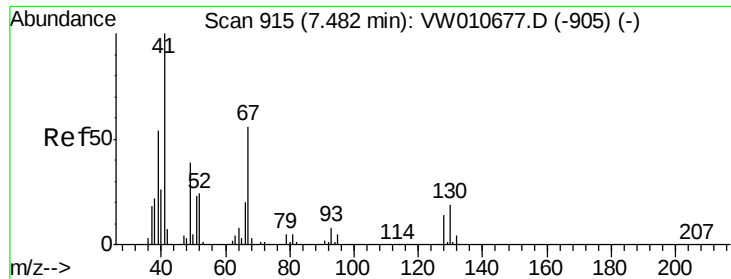
Tgt Ion: 83 Resp: 109732
Ion Ratio Lower Upper
83 100
55 89.5 70.0 105.0
98 46.6 38.1 57.1



#40
Benzene
Concen: 19.508 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 78 Resp: 239481
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





#41

Methacrylonitrile

Concen: 20.349 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tgt Ion: 41 Resp: 30162

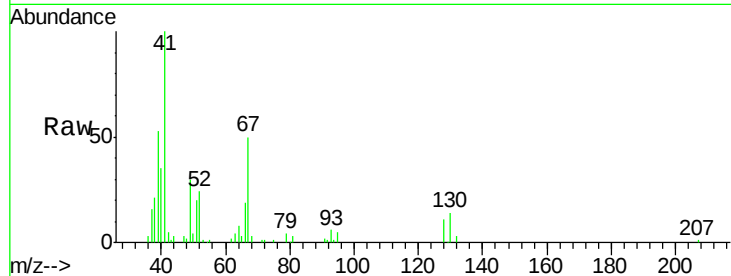
Ion Ratio Lower Upper

41 100

39 53.9 47.3 70.9

67 53.5 47.2 70.8

52 25.6 21.3 31.9

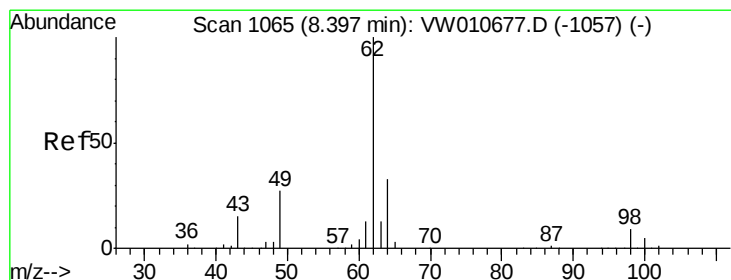
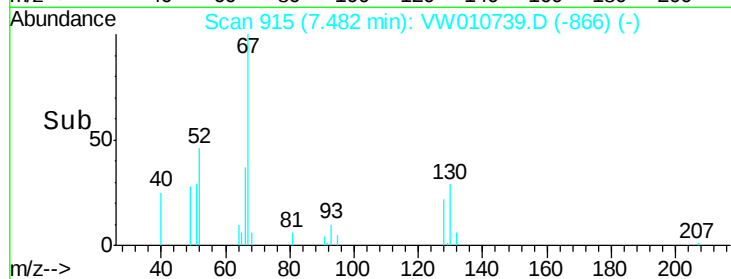
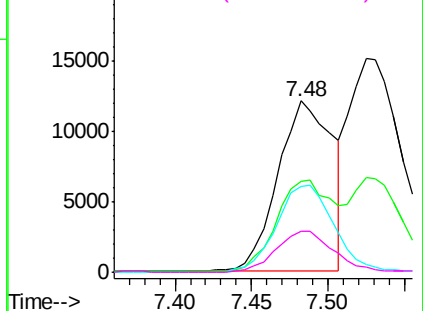


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.627 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010739.D

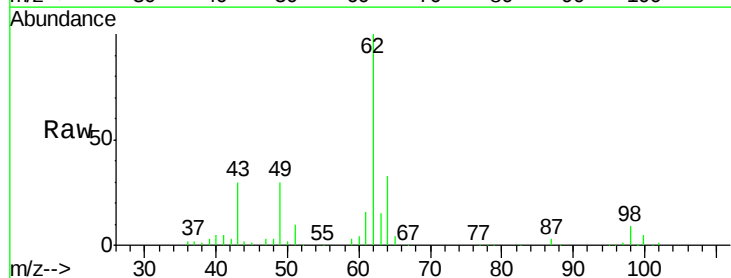
Acq: 10 Jun 2019 12:28

Tgt Ion: 62 Resp: 76472

Ion Ratio Lower Upper

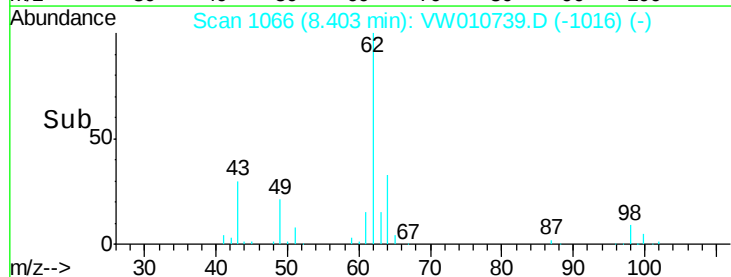
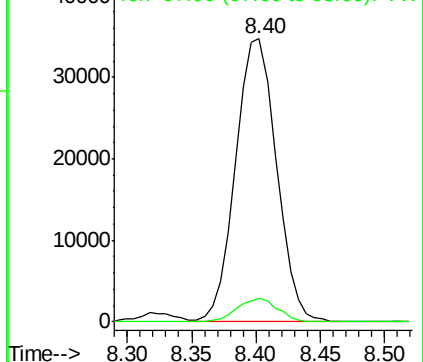
62 100

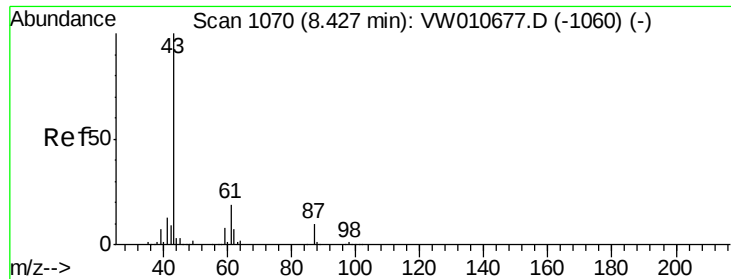
98 8.4 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

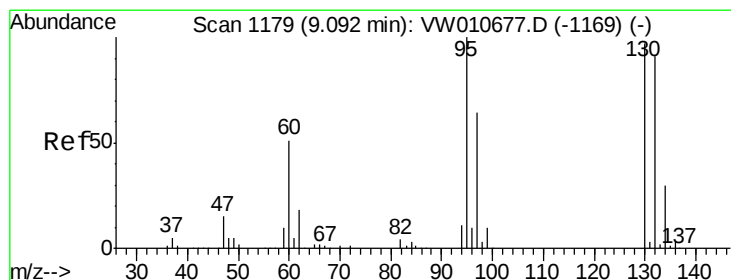
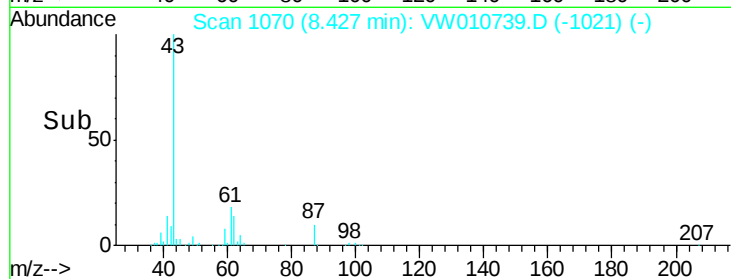
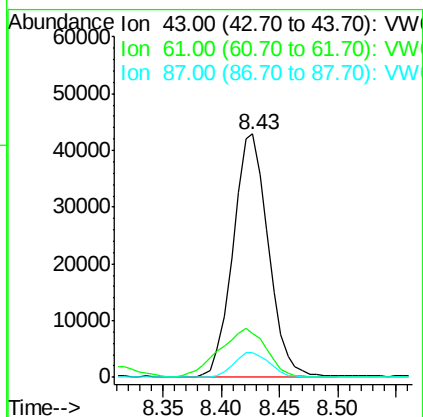
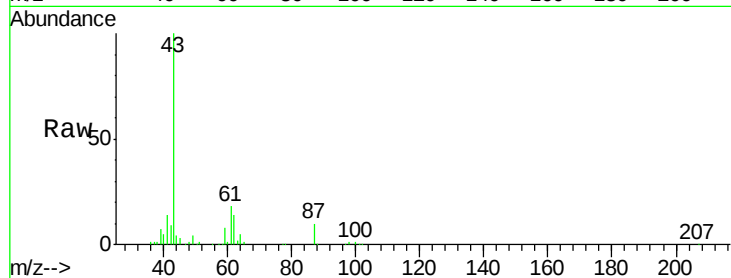




#43
Isopropyl Acetate
Concen: 18.712 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

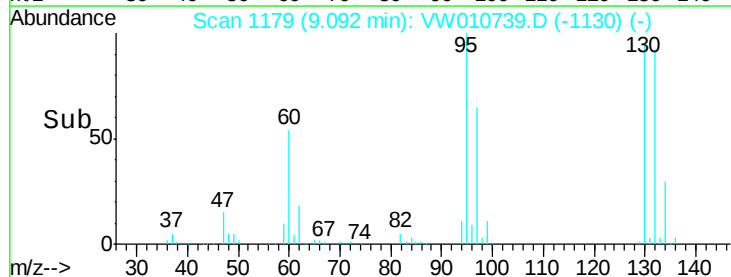
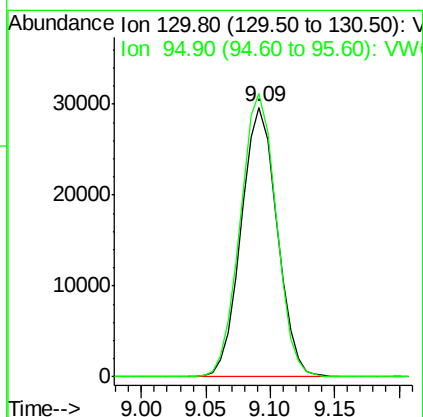
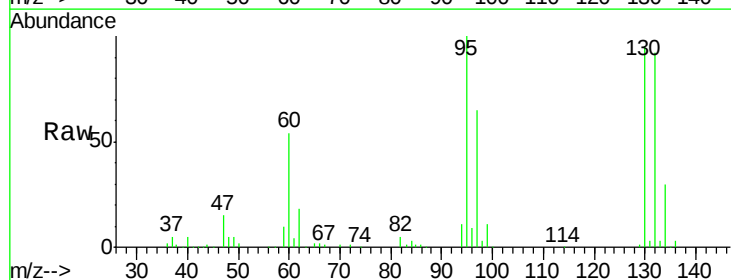
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

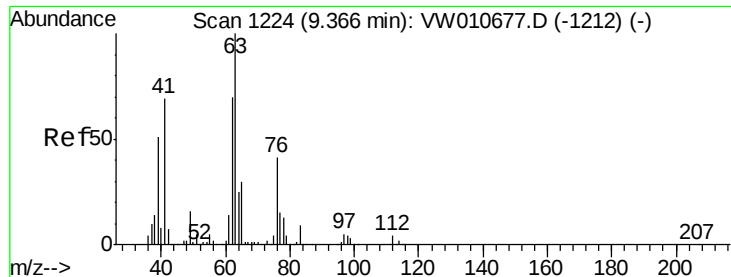
Tgt Ion: 43 Resp: 90146
Ion Ratio Lower Upper
43 100
61 27.0 21.2 31.8
87 10.6 8.3 12.5



#44
Trichloroethene
Concen: 18.965 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 130 Resp: 57430
Ion Ratio Lower Upper
130 100
95 105.1 0.0 207.0





#45

1,2-Dichloropropane

Concen: 19.902 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

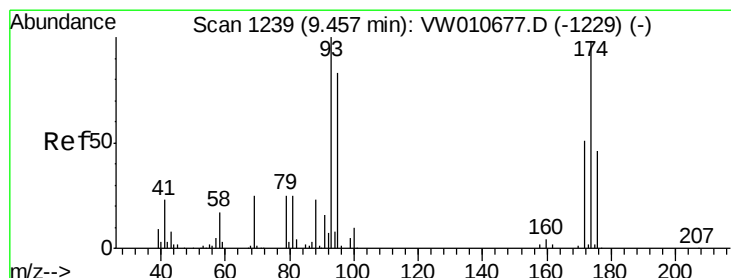
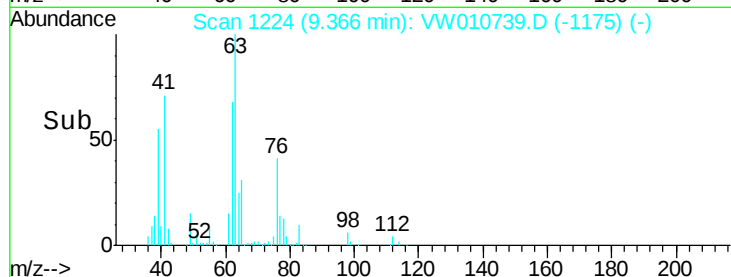
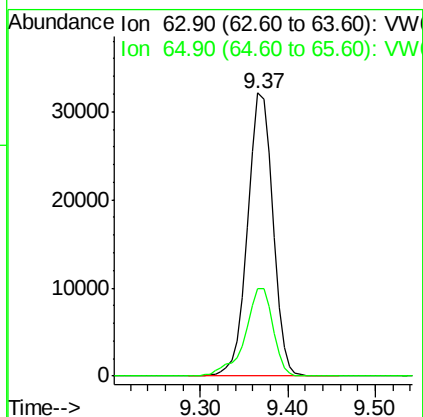
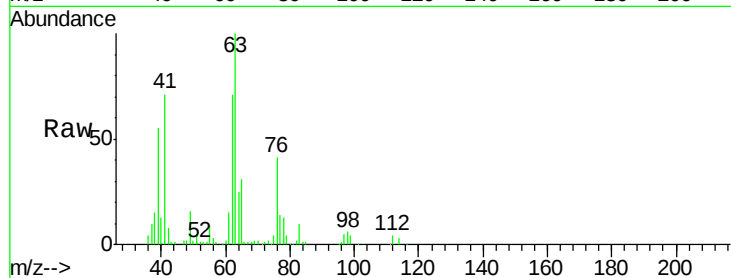
VW0610SBSD01

Tgt Ion: 63 Resp: 64675

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 19.128 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

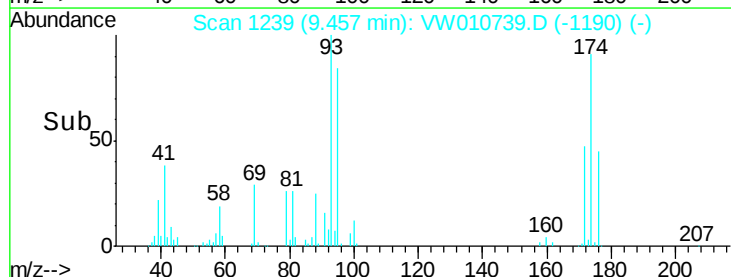
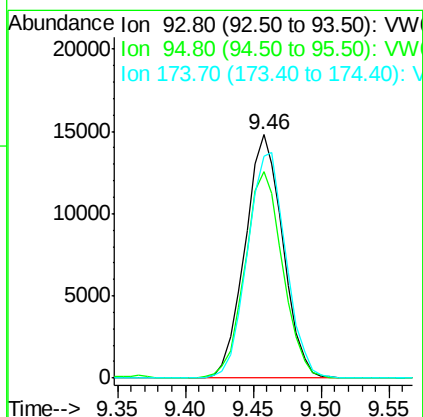
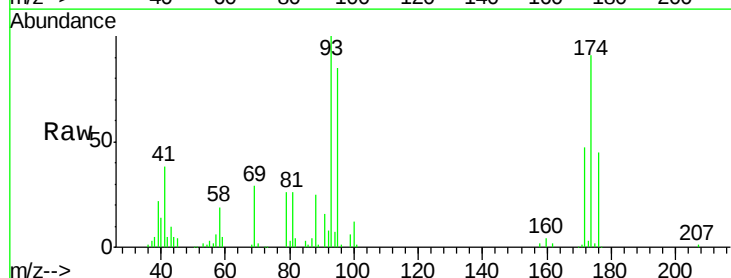
Tgt Ion: 93 Resp: 28872

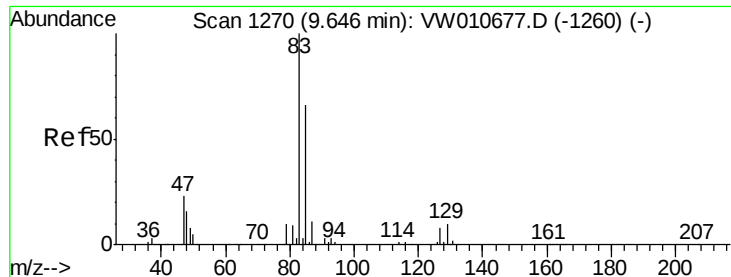
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 94.4 77.4 116.0

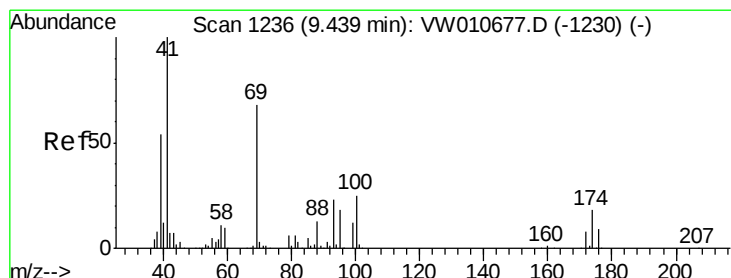
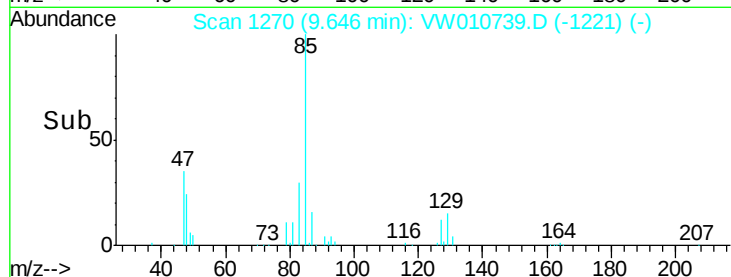
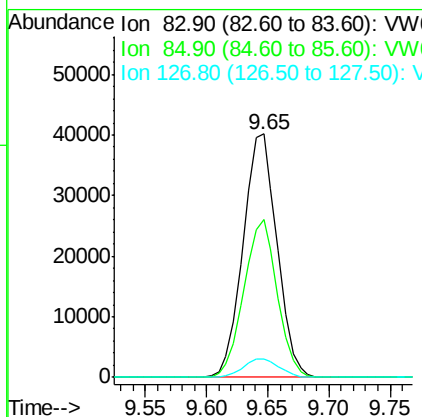
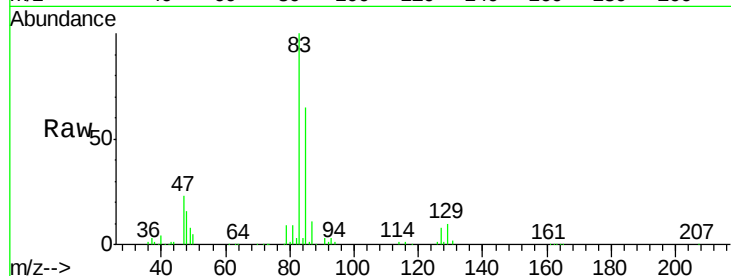




#47
Bromodichloromethane
Concen: 19.843 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

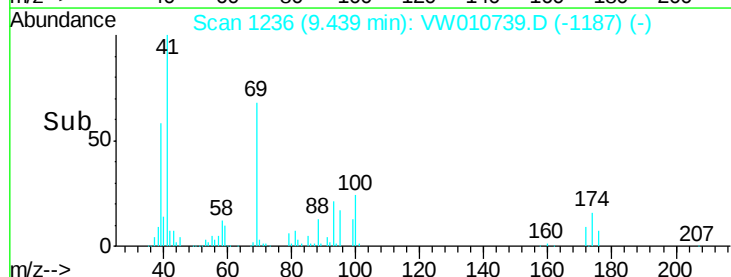
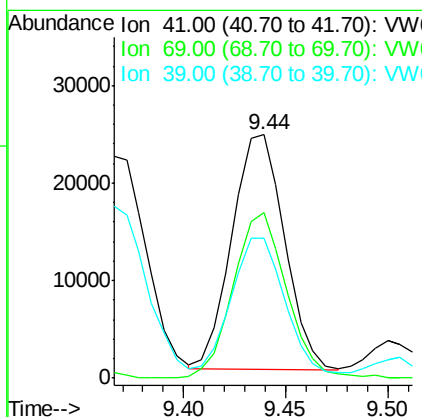
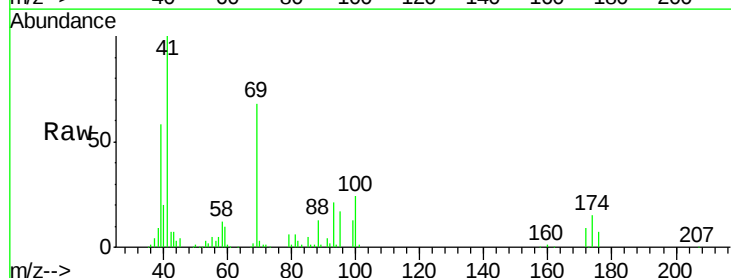
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

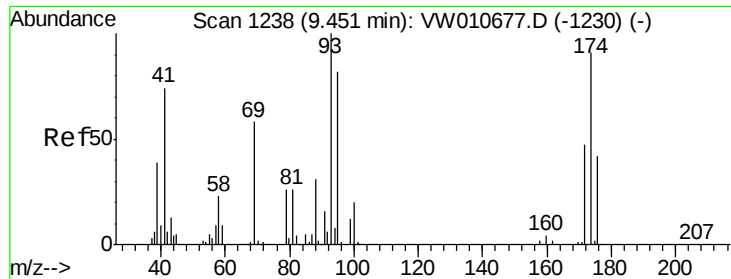
Tgt Ion: 83 Resp: 77640
Ion Ratio Lower Upper
83 100
85 64.8 53.0 79.4
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 18.608 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 41 Resp: 43223
Ion Ratio Lower Upper
41 100
69 72.0 56.6 85.0
39 57.4 44.4 66.6

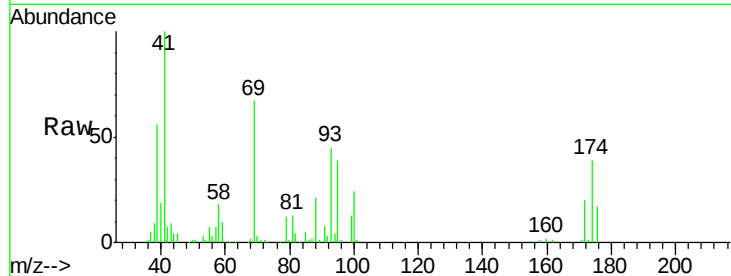




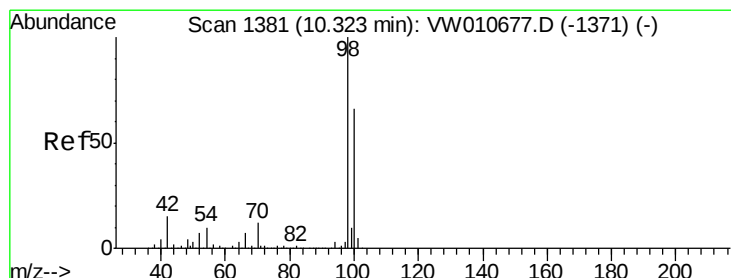
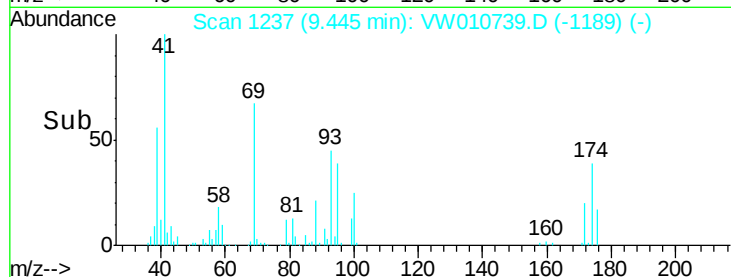
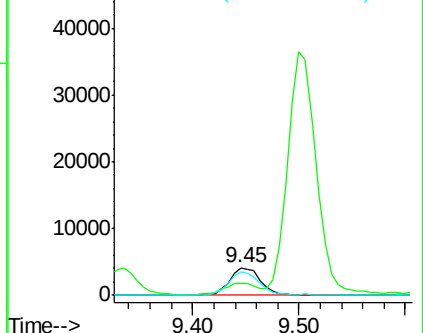
#49
1,4-Dioxane
Concen: 363.537 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tgt Ion: 88 Resp: 8579
Ion Ratio Lower Upper
88 100
43 48.3 34.2 51.4
58 84.1 69.0 103.4

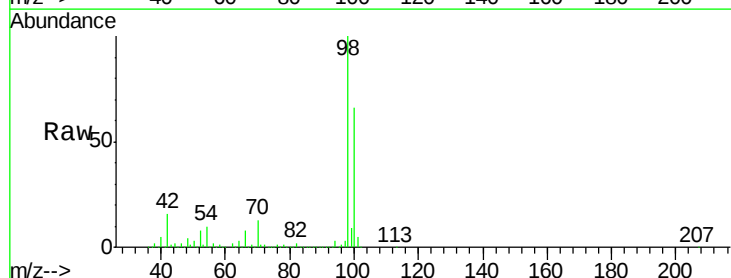


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

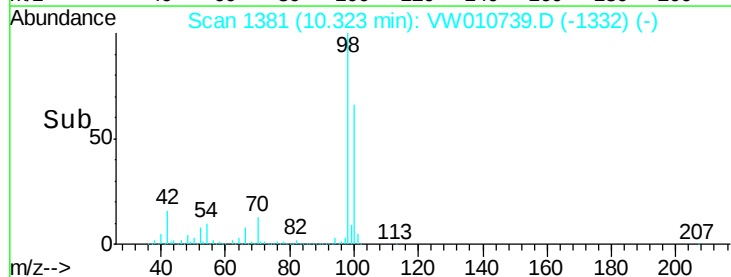
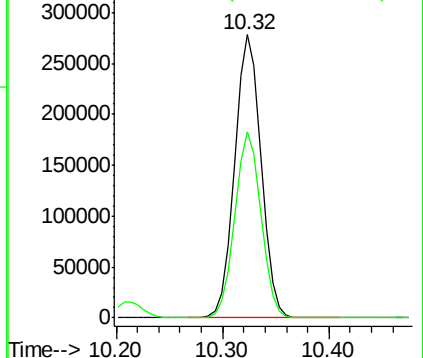


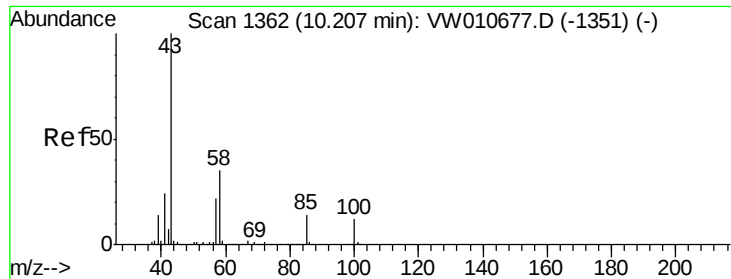
#50
Toluene-d8
Concen: 46.332 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 98 Resp: 484799
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

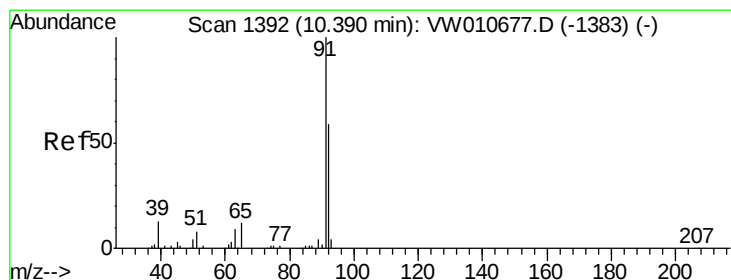
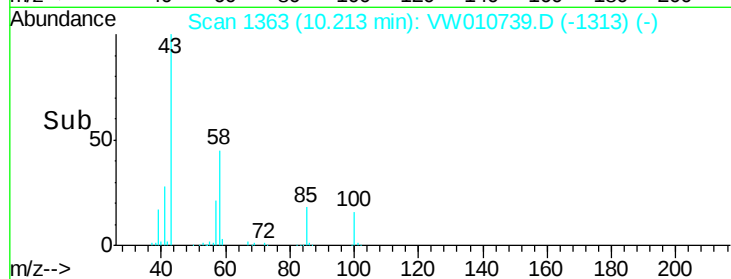
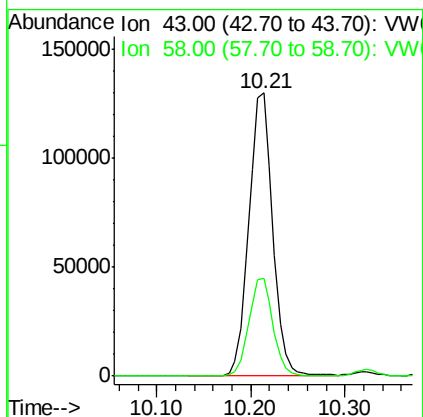
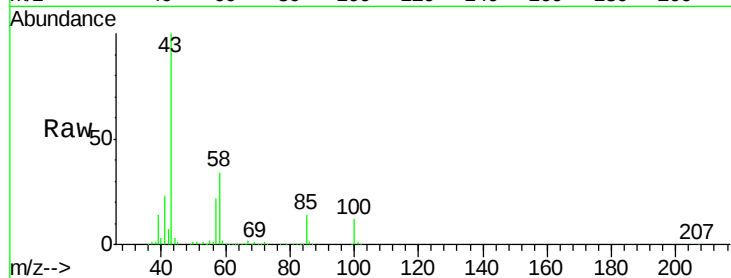




#51
 4-Methyl-2-Pentanone
 Concen: 94.206 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

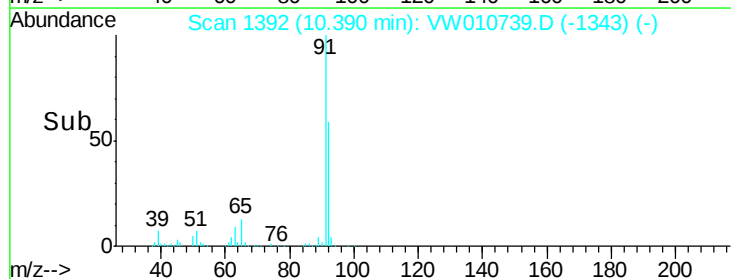
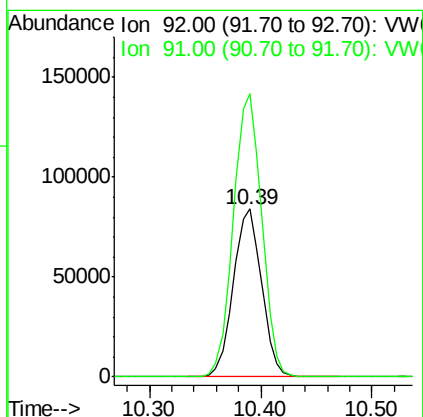
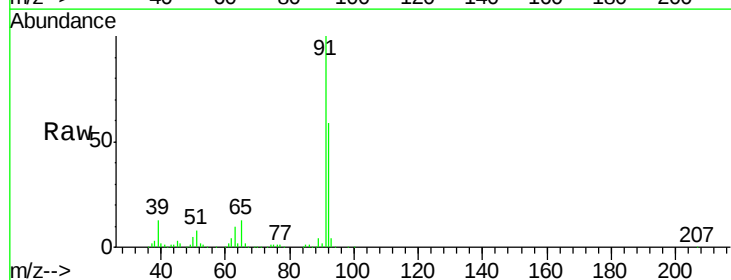
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

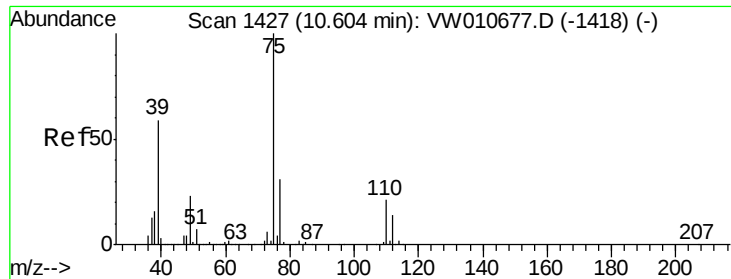
Tgt Ion: 43 Resp: 231854
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.4 42.6



#52
 Toluene
 Concen: 19.478 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 92 Resp: 147121
 Ion Ratio Lower Upper
 92 100
 91 170.3 134.9 202.3

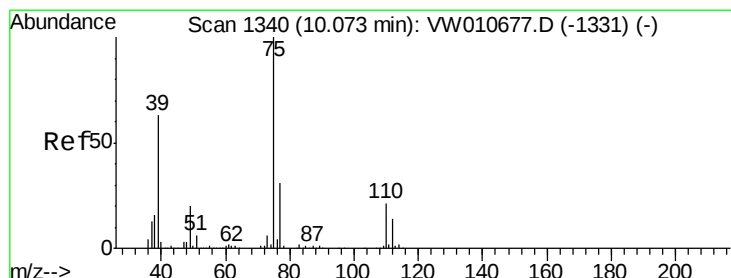
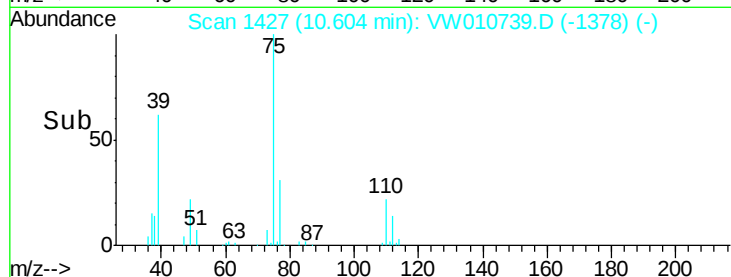
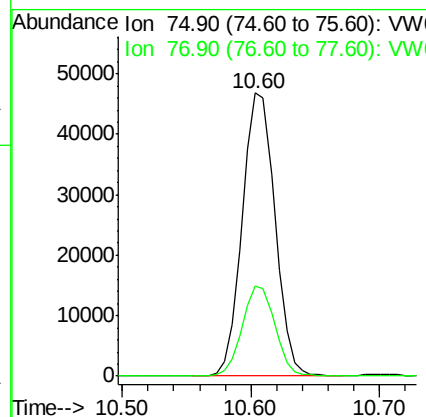
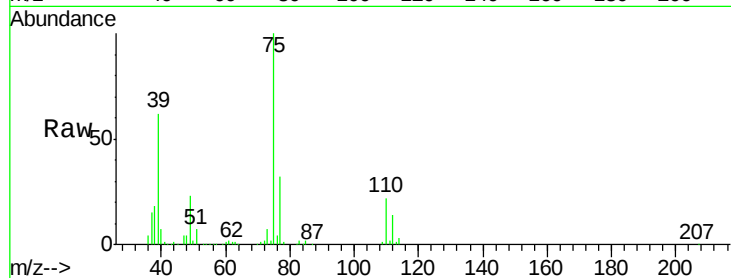




#53
 t-1,3-Dichloropropene
 Concen: 19.844 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

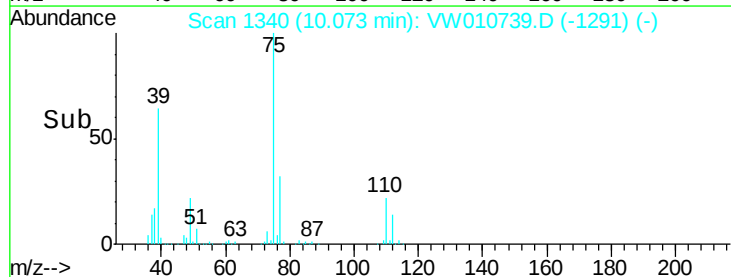
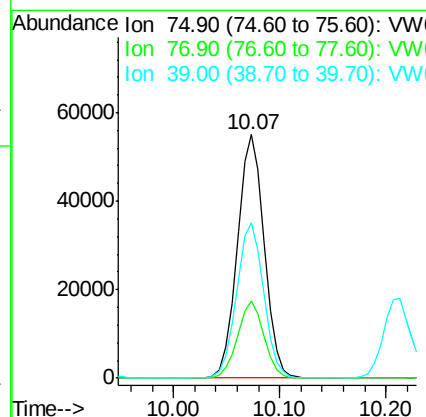
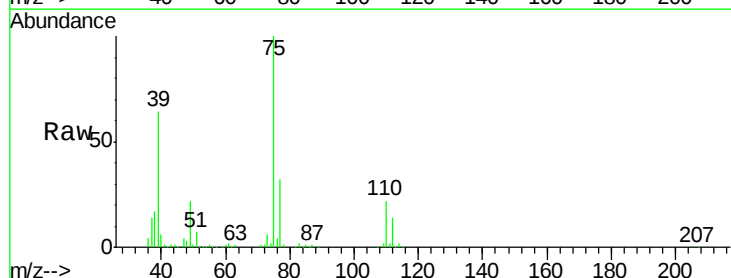
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

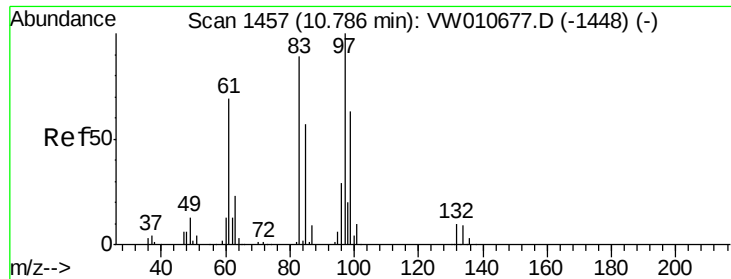
Tgt Ion: 75 Resp: 82238
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.951 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 75 Resp: 97290
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 63.9 50.1 75.1

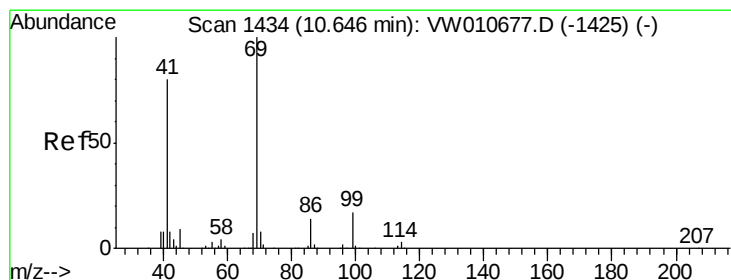
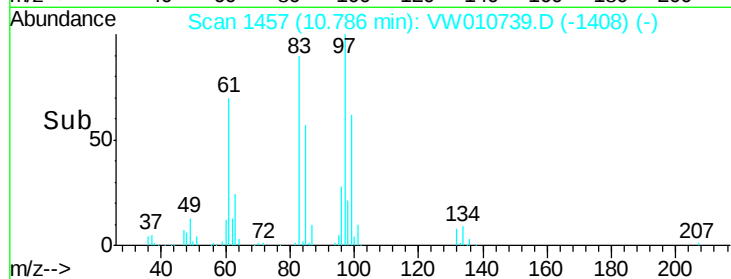
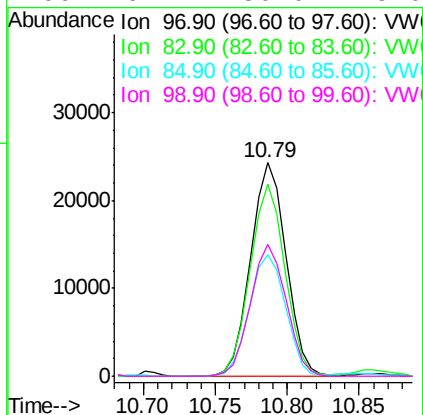
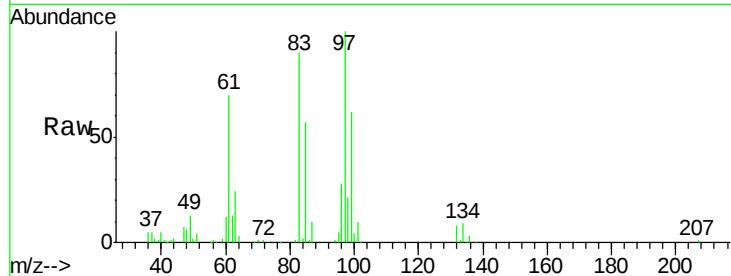




#55
 1,1,2-Trichloroethane
 Concen: 18.904 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

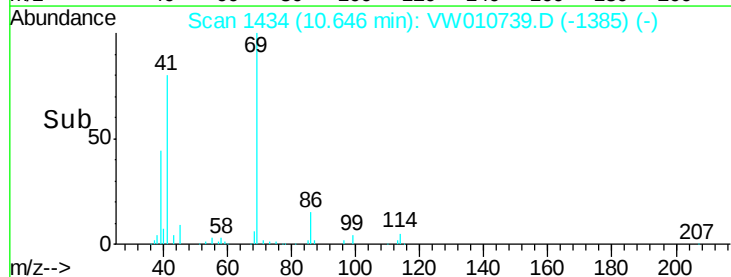
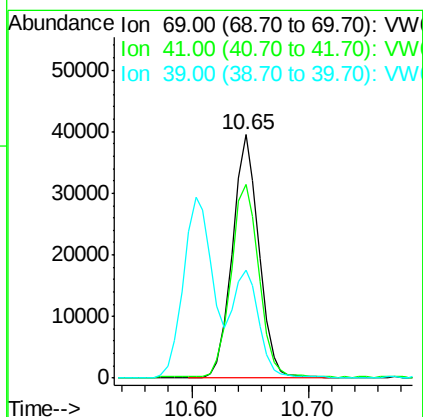
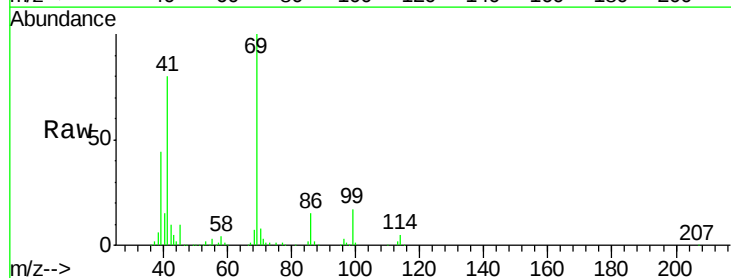
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

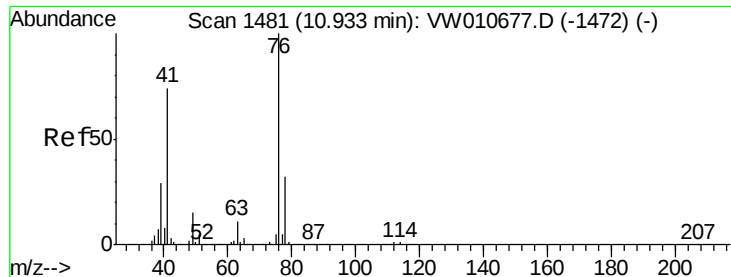
Tgt Ion:	97	Resp:	41106
Ion	Ratio	Lower	Upper
97	100		
83	90.1	71.1	106.7
85	56.9	45.2	67.8
99	61.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.781 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion:	69	Resp:	62838
Ion	Ratio	Lower	Upper
69	100		
41	83.1	64.8	97.2
39	42.8	32.2	48.2

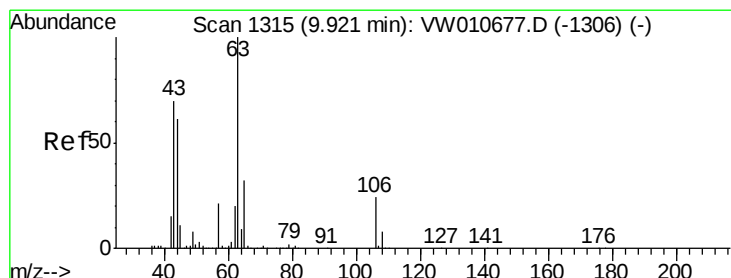
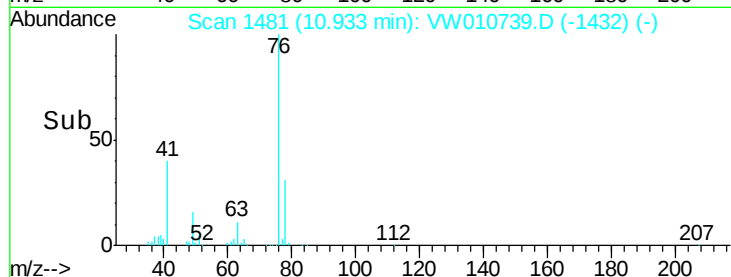
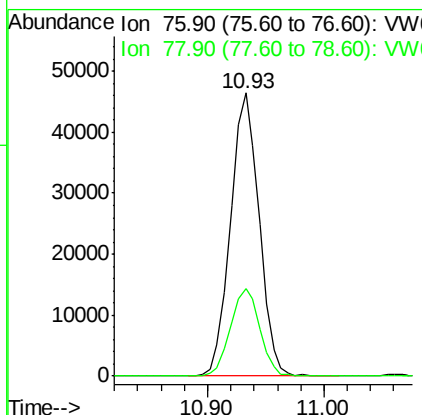
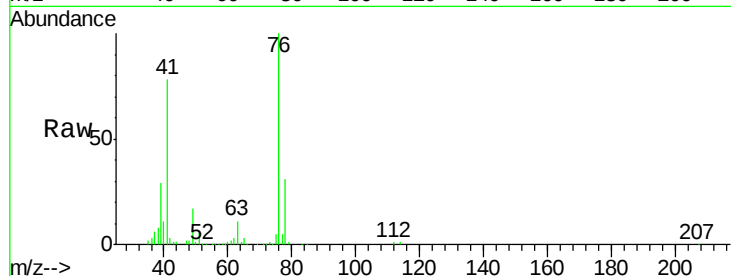




#57
 1,3-Dichloropropane
 Concen: 19.372 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

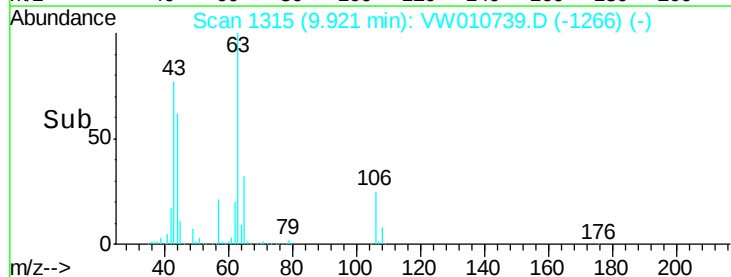
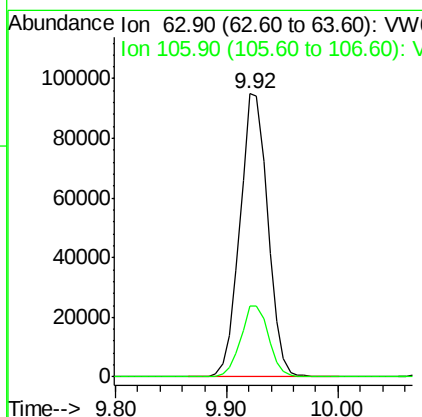
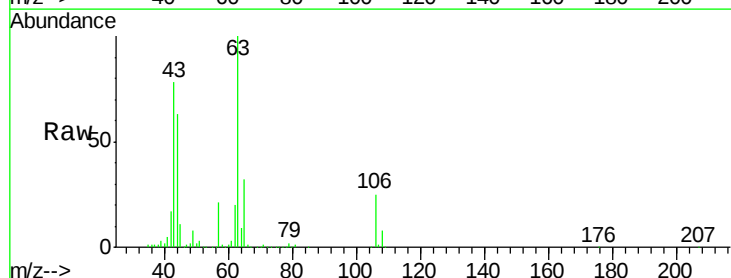
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

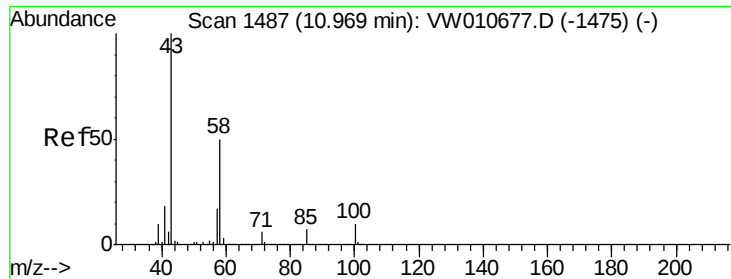
Tgt Ion: 76 Resp: 79381
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.446 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 63 Resp: 165516
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.1 30.1

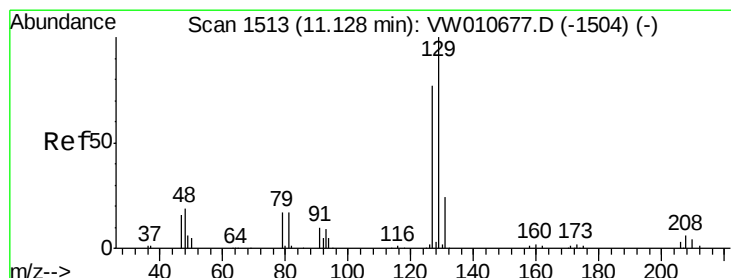
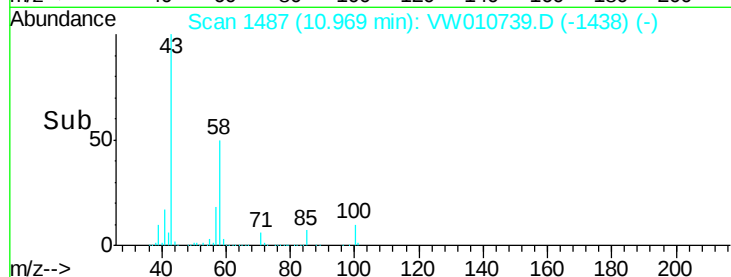
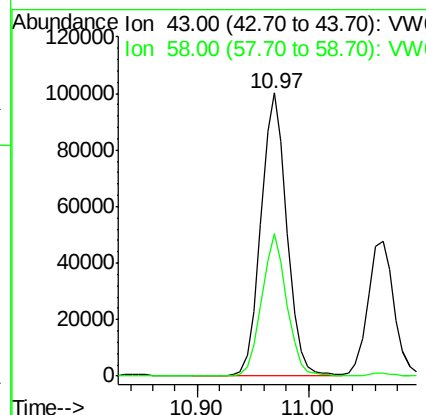
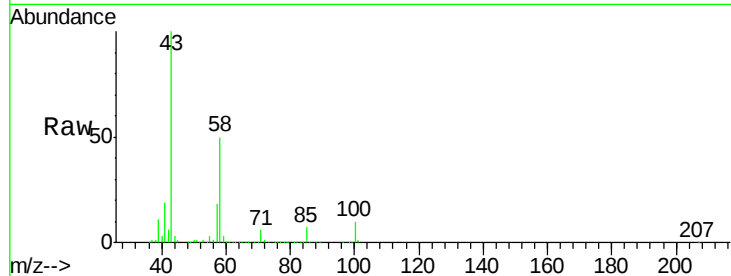




#59
2-Hexanone
Concen: 91.358 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

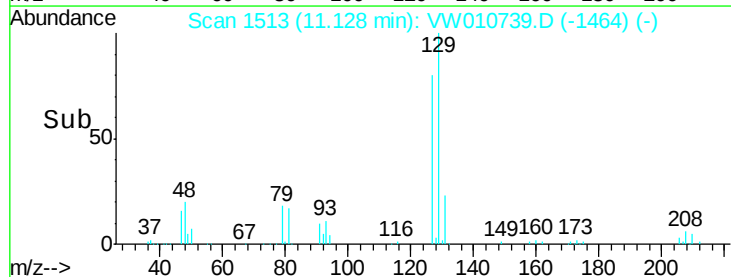
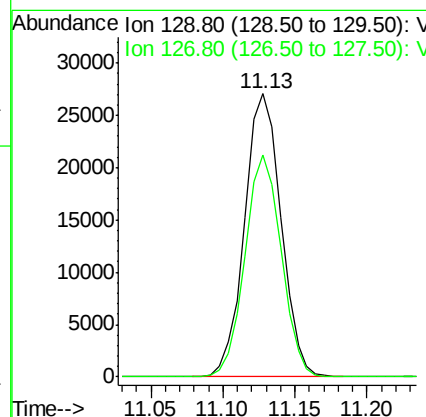
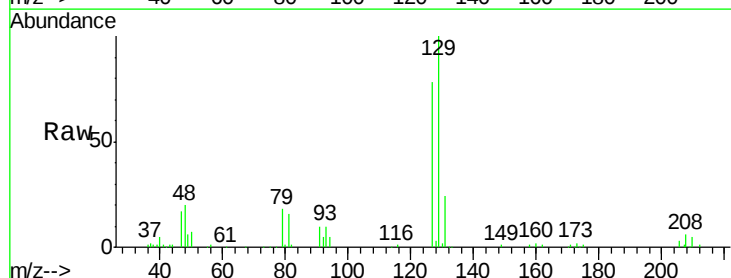
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

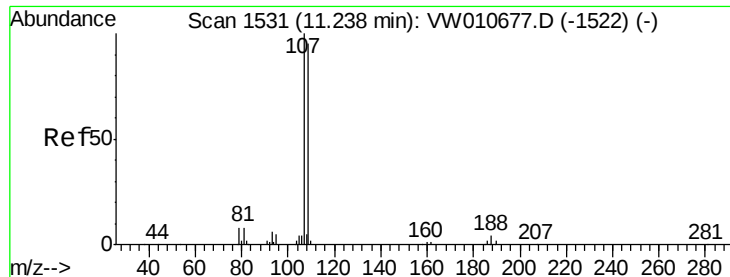
Tgt Ion: 43 Resp: 162501
Ion Ratio Lower Upper
43 100
58 48.5 24.9 74.6



#60
Dibromochloromethane
Concen: 19.748 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 129 Resp: 47602
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

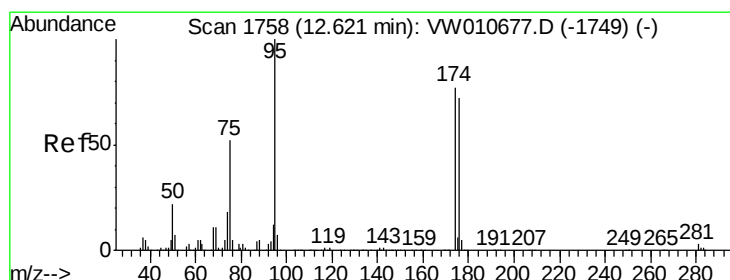
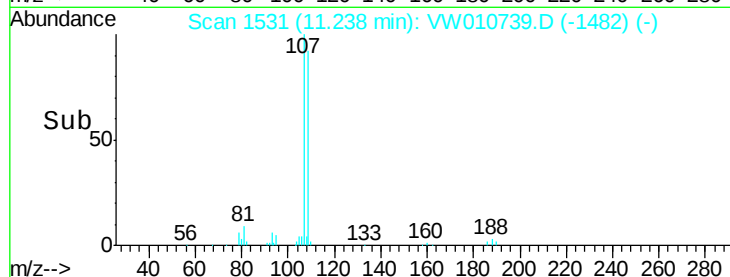
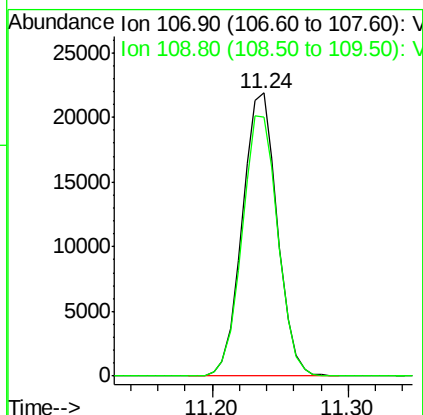
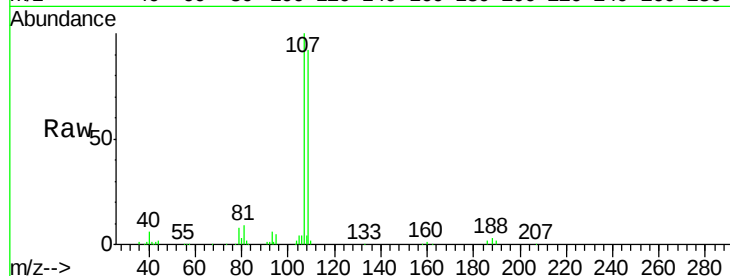




#61
 1,2-Dibromoethane
 Concen: 19.098 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

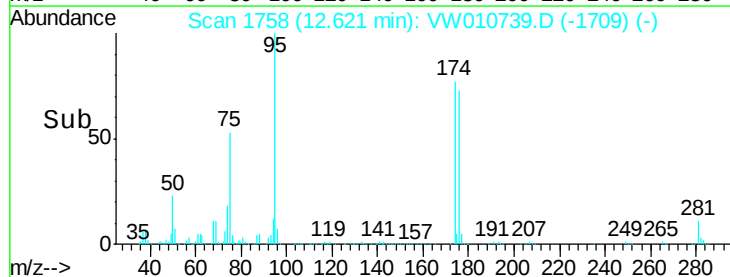
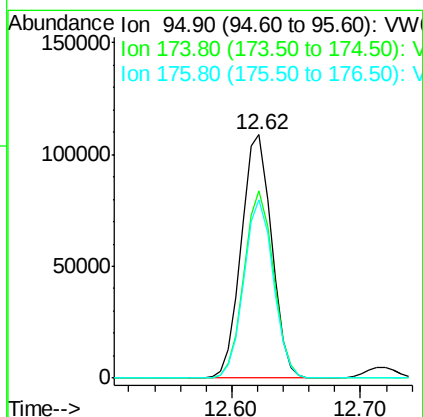
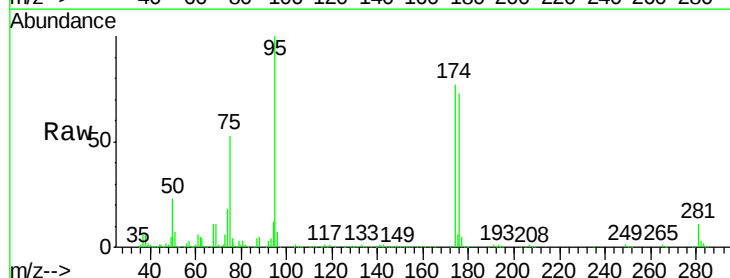
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

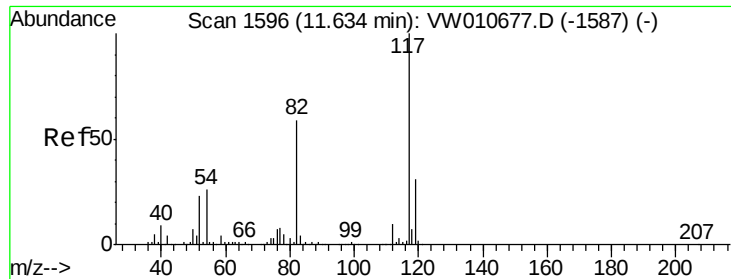
Tgt Ion: 107 Resp: 39345
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 46.538 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 95 Resp: 177196
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.4
 176 71.1 0.0 144.8

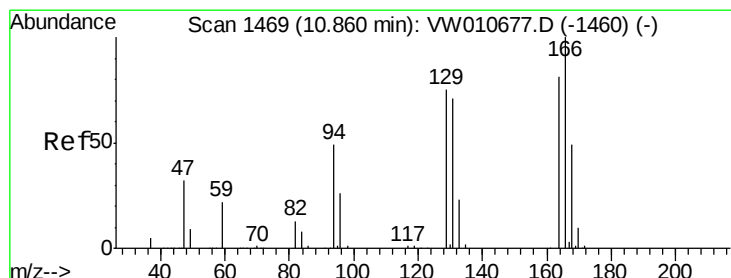
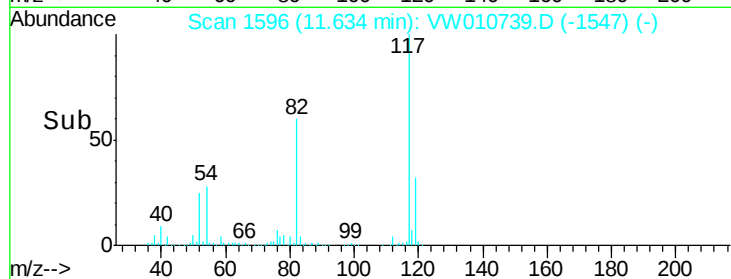
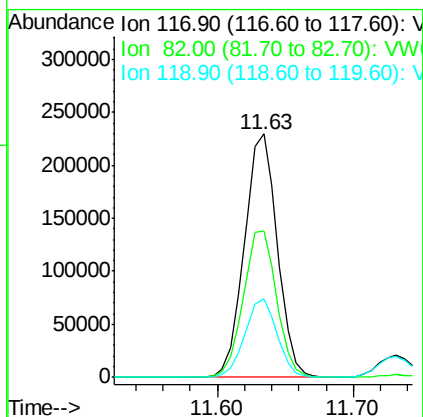
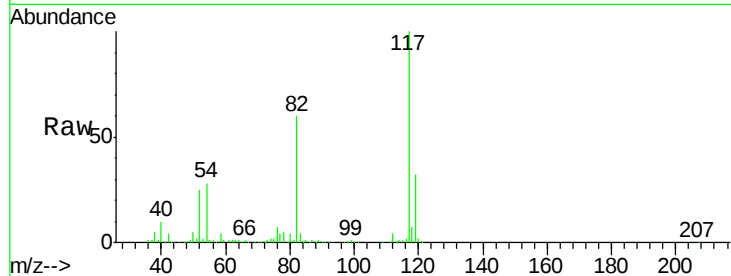




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

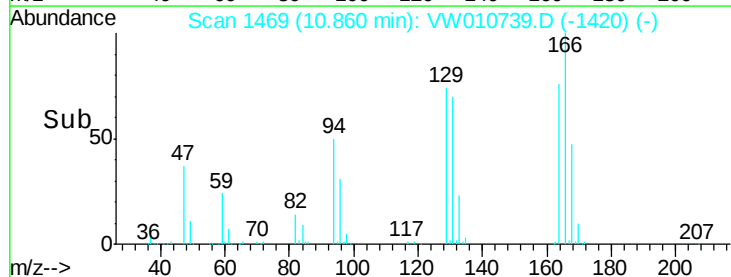
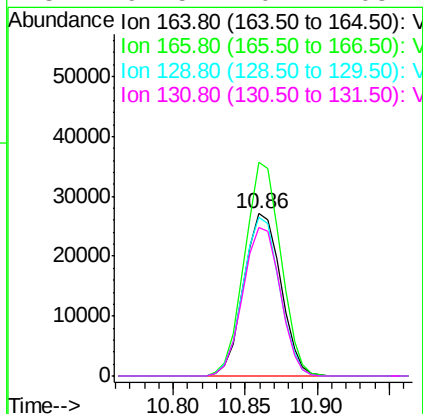
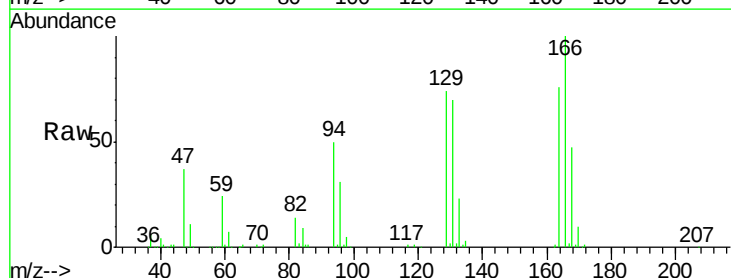
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

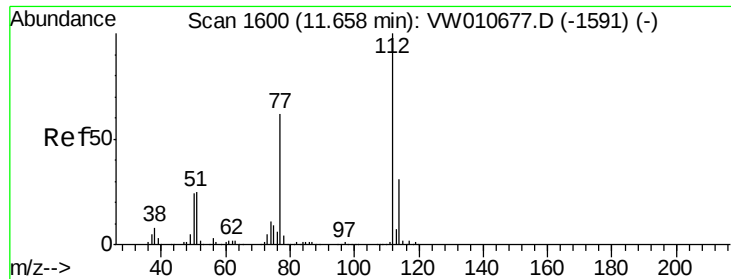
Tgt Ion:117 Resp: 387723
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 18.781 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion:164 Resp: 48349
Ion Ratio Lower Upper
164 100
166 131.6 99.2 148.8
129 97.8 74.6 112.0
131 91.5 70.2 105.4

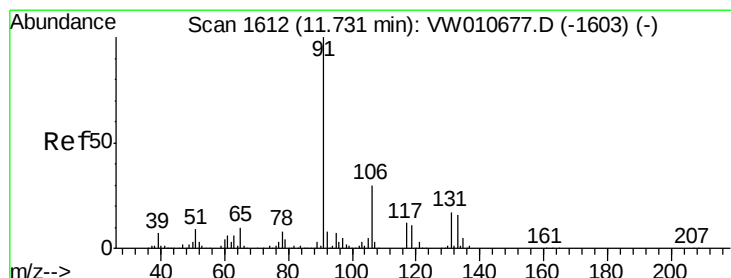
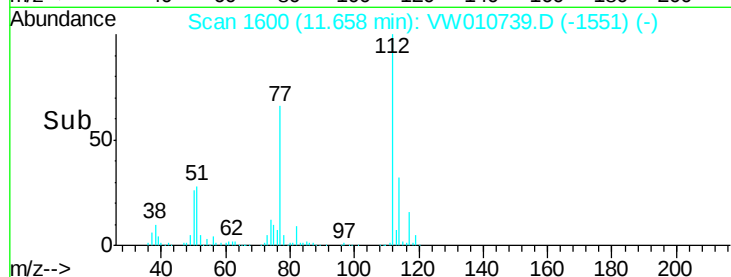
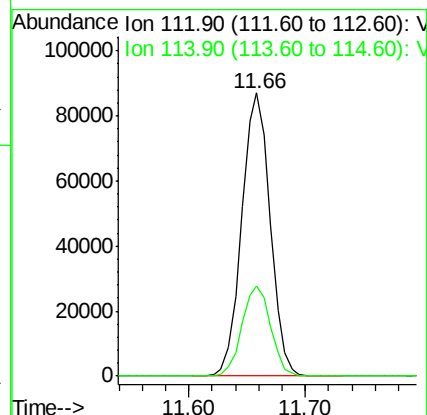
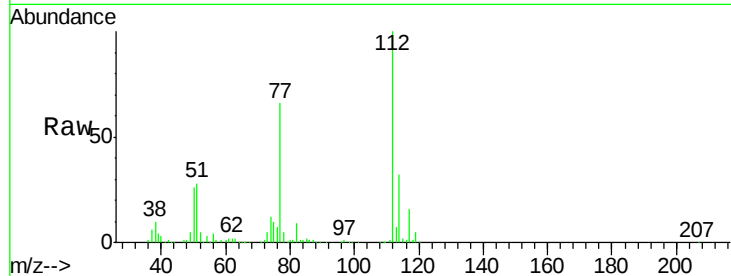




#65
Chlorobenzene
Concen: 19.386 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

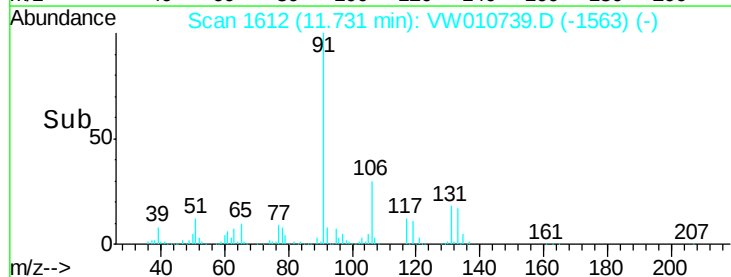
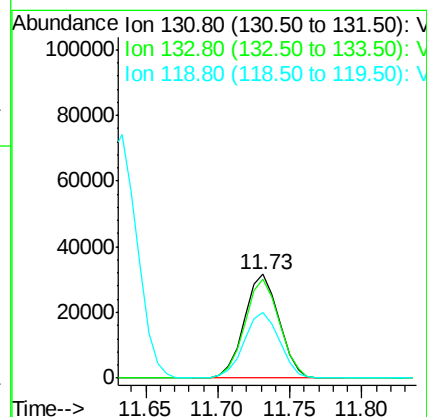
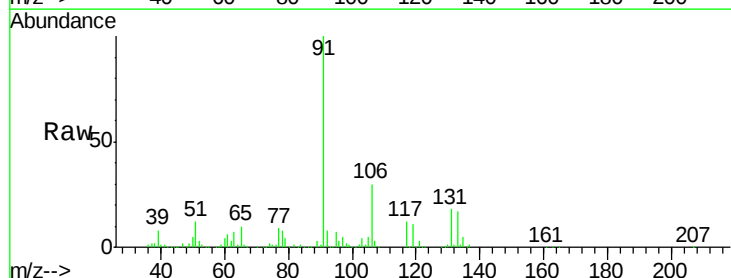
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

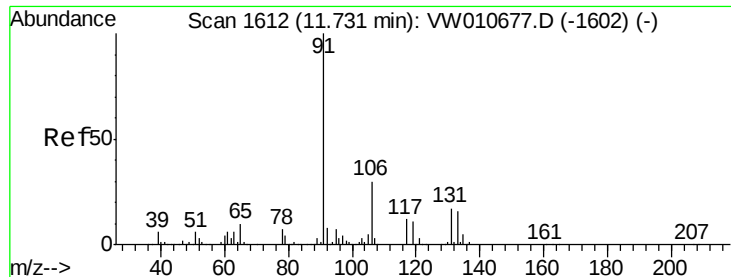
Tgt Ion:112 Resp: 147806
Ion Ratio Lower Upper
112 100
114 31.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.031 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion:131 Resp: 52869
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.9
119 64.4 32.4 97.0

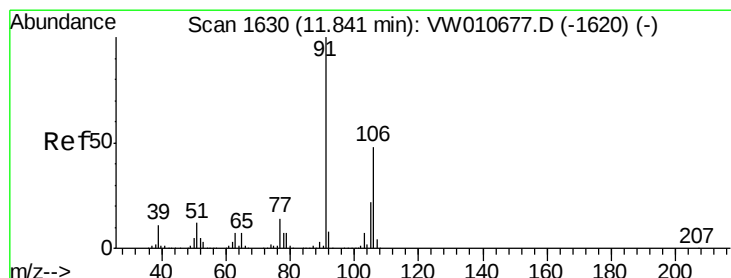
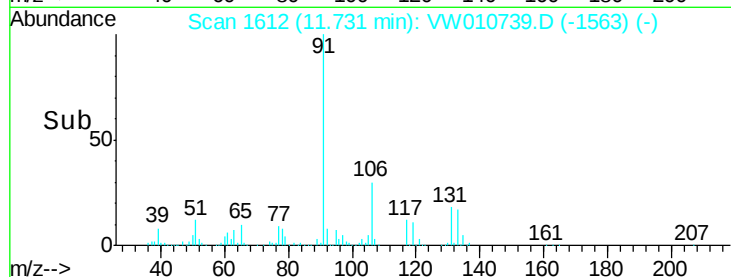
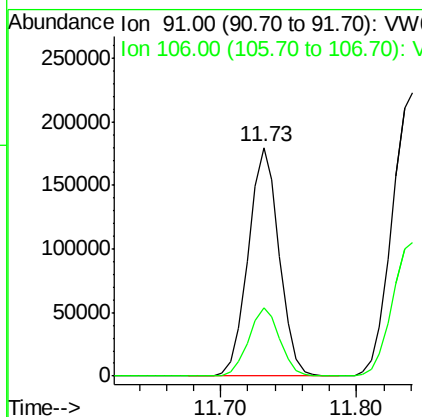
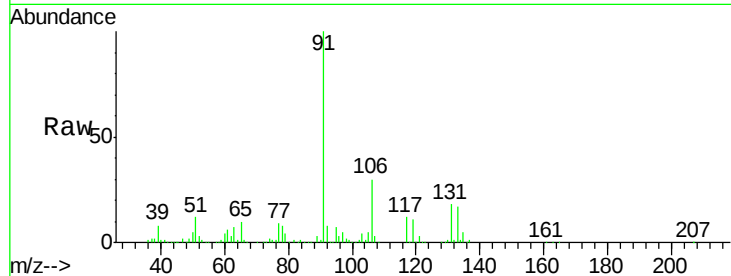




#67
Ethyl Benzene
Concen: 19.473 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

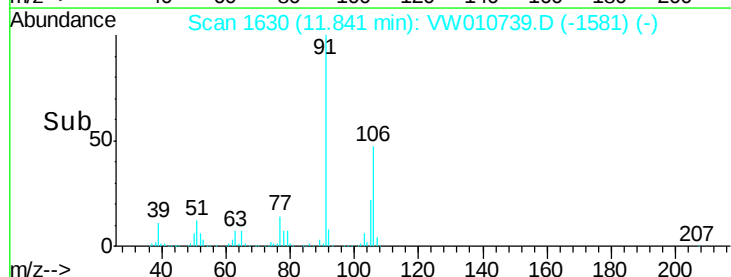
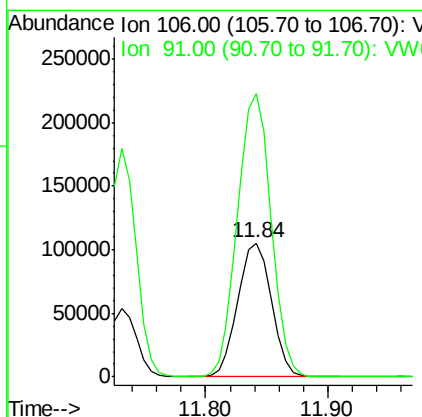
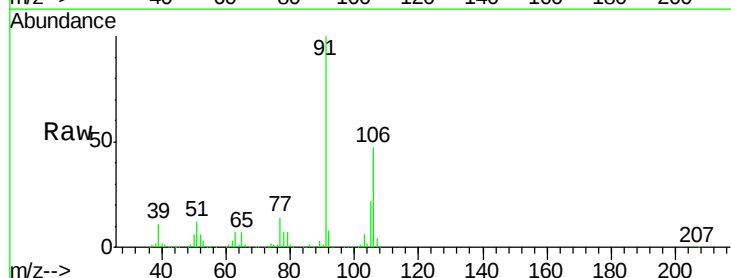
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

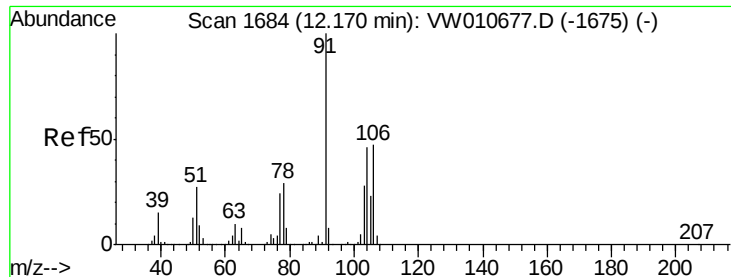
Tgt Ion: 91 Resp: 285340
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#68
m/p-Xylenes
Concen: 38.494 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 106 Resp: 201919
Ion Ratio Lower Upper
106 100
91 210.8 166.5 249.7

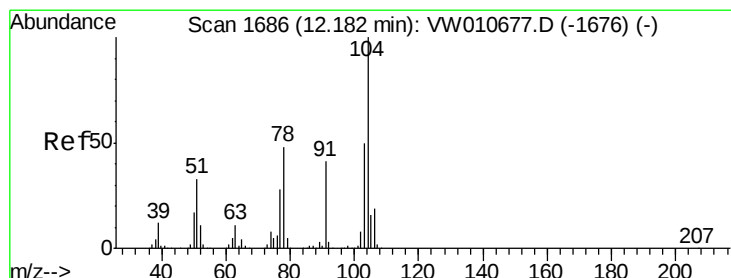
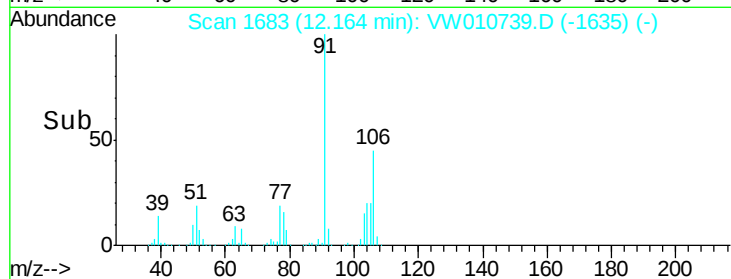
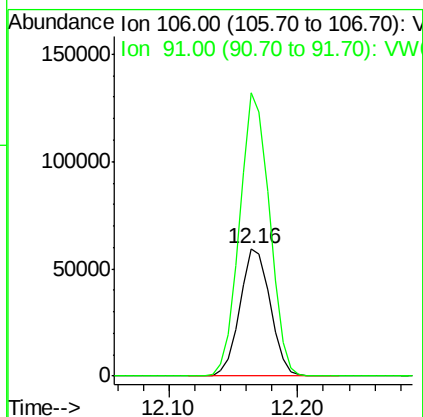
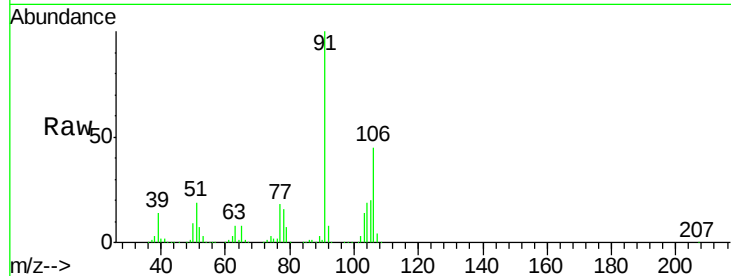




#69
o-Xylene
Concen: 19.388 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

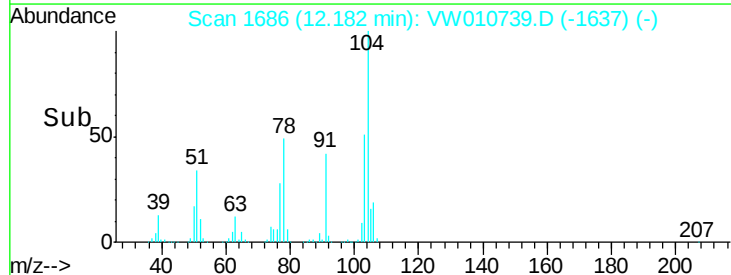
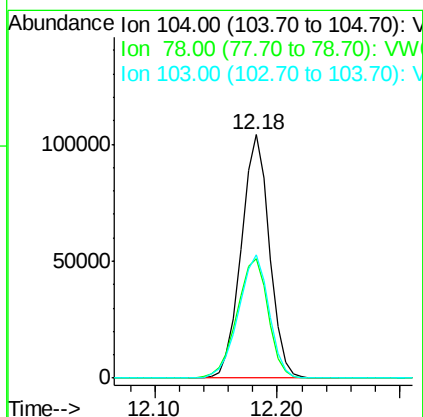
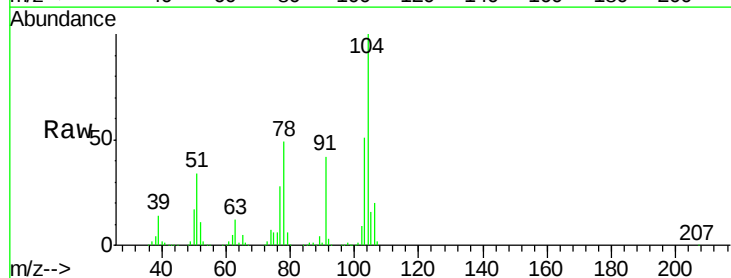
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

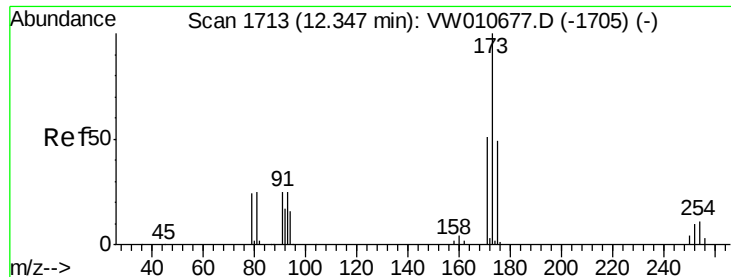
Tgt Ion:106 Resp: 96454
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.6



#70
Styrene
Concen: 19.225 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion:104 Resp: 166147
Ion Ratio Lower Upper
104 100
78 54.5 42.7 64.1
103 55.0 43.6 65.4





#71

Bromoform

Concen: 19.005 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

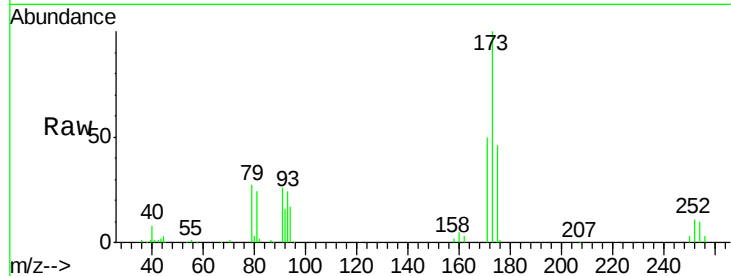
Tgt Ion:173 Resp: 25942

Ion Ratio Lower Upper

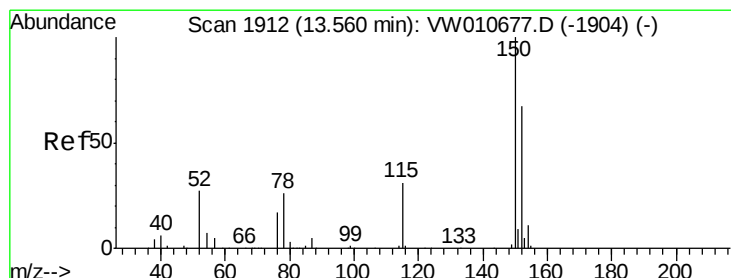
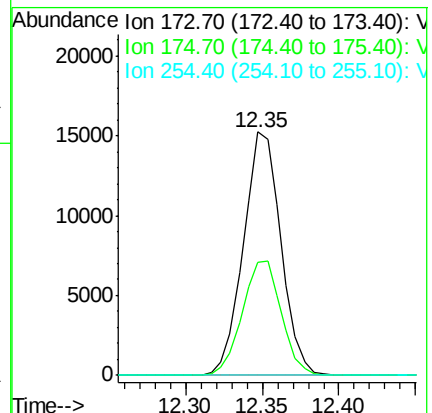
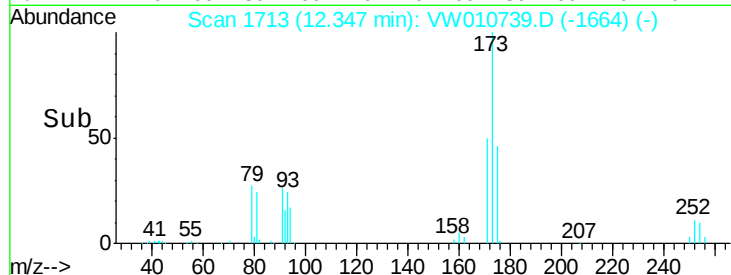
173 100

175 48.5 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

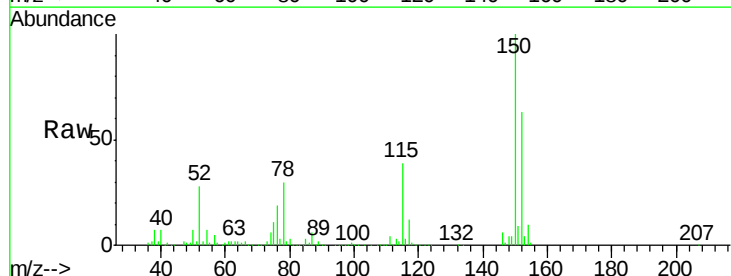
Tgt Ion:152 Resp: 182482

Ion Ratio Lower Upper

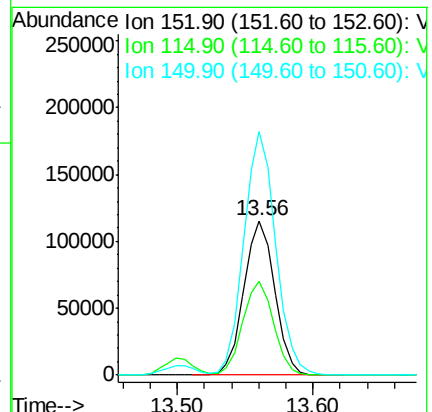
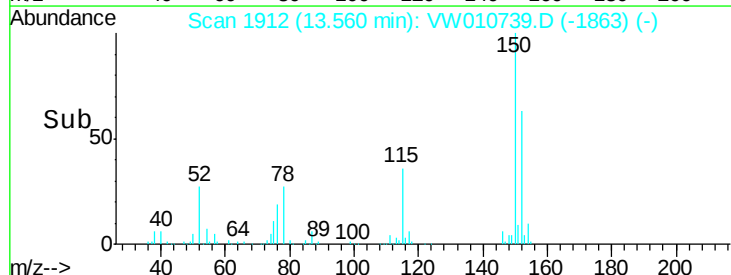
152 100

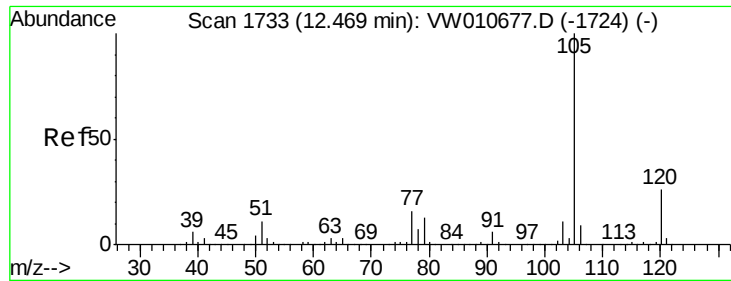
115 60.9 29.8 89.3

150 163.1 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: 19.647 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

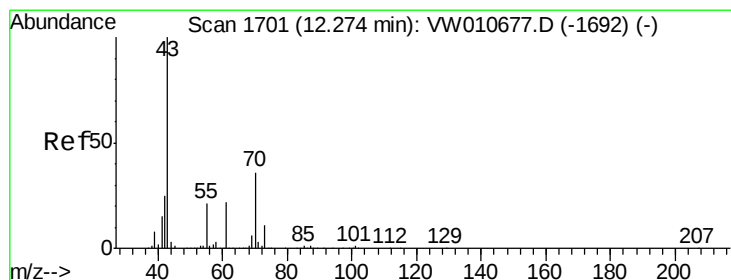
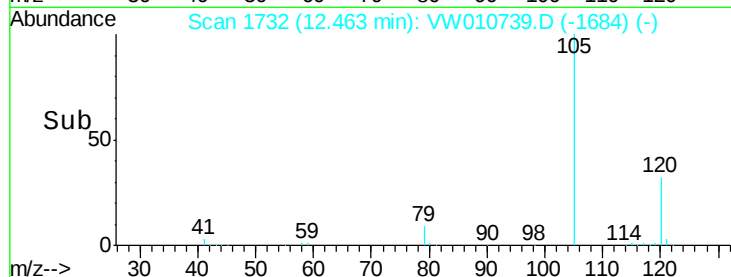
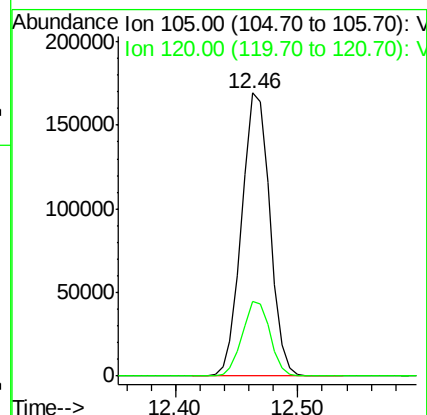
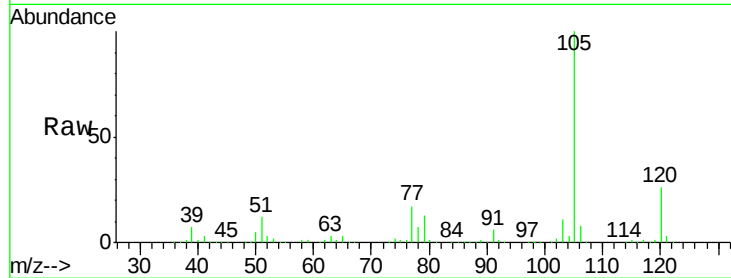
VW0610SBSD01

Tgt Ion: 105 Resp: 269421

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 18.906 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion: 43 Resp: 83787

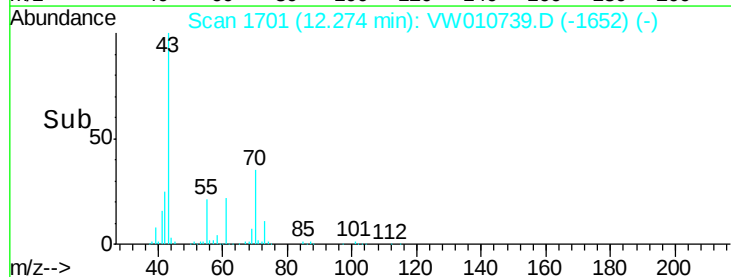
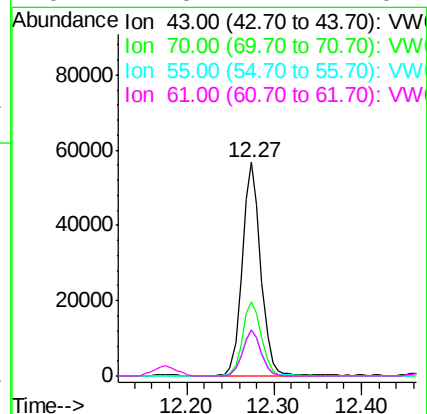
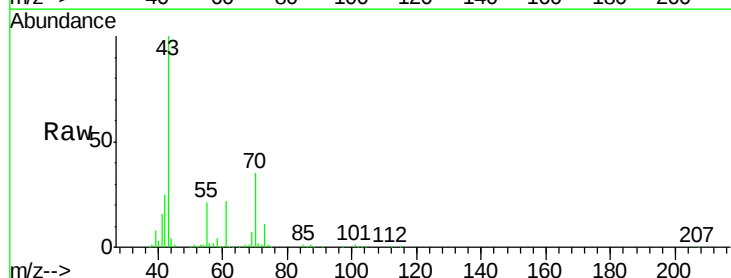
Ion Ratio Lower Upper

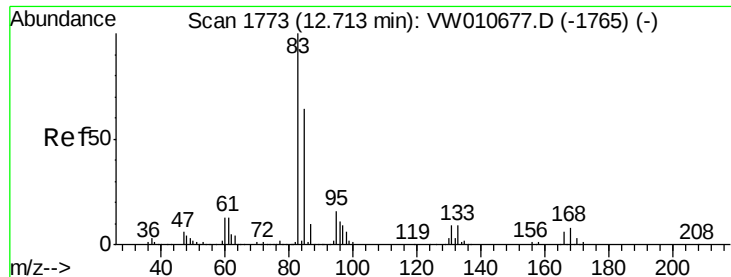
43 100

70 35.7 29.2 43.8

55 22.1 17.5 26.3

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.694 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

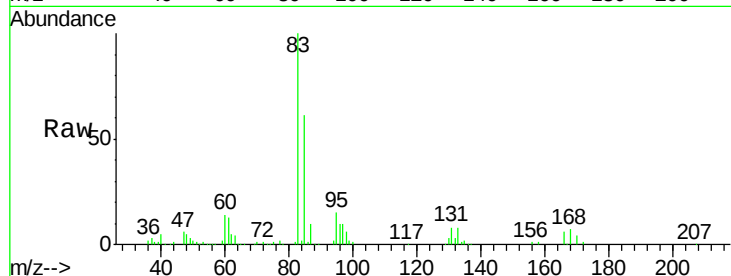
Tgt Ion: 83 Resp: 48801

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

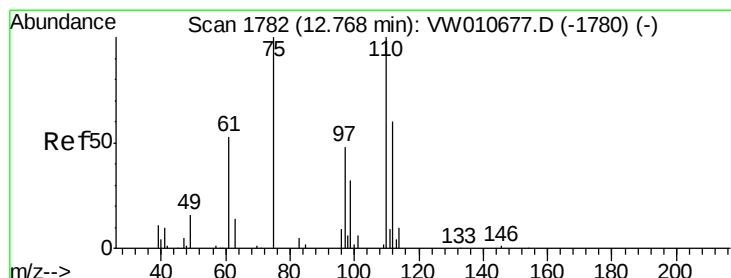
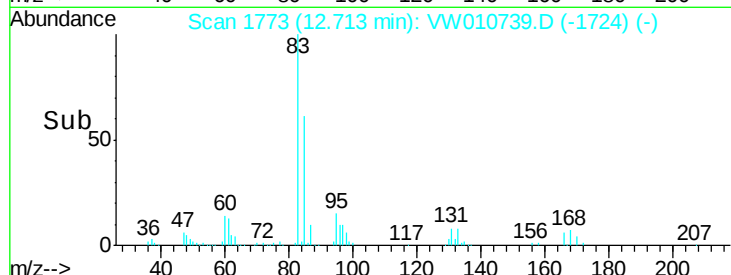
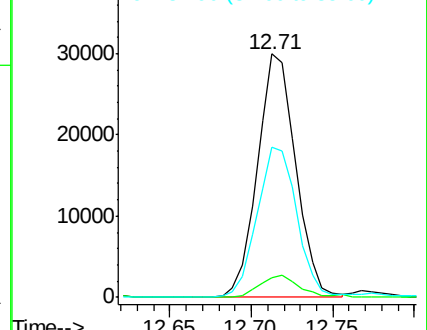
85 64.2 31.9 95.9



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: 34.844 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010739.D

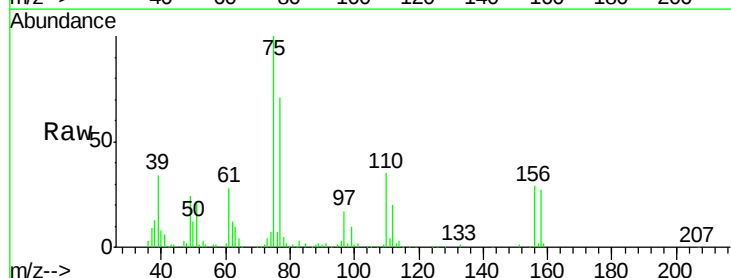
Acq: 10 Jun 2019 12:28

Tgt Ion: 75 Resp: 66771

Ion Ratio Lower Upper

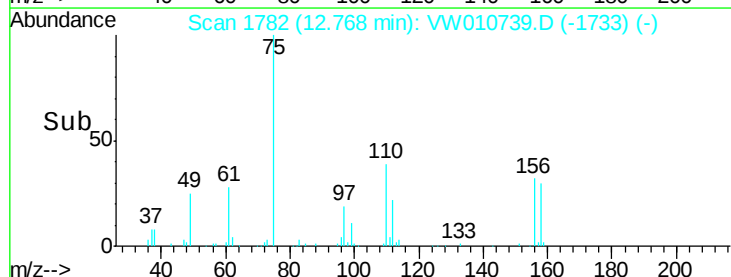
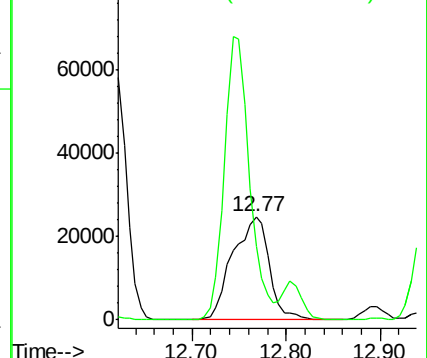
75 100

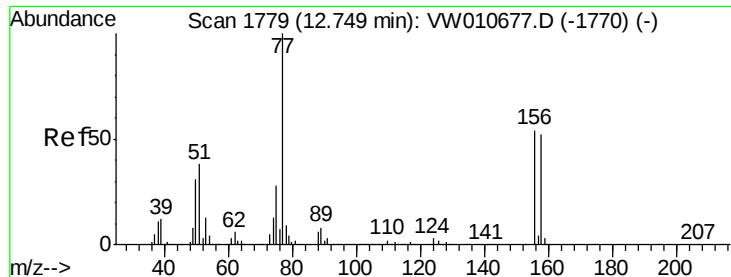
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.836 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

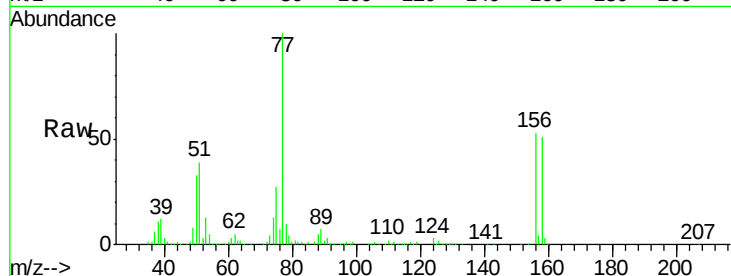
Tgt Ion:156 Resp: 59375

Ion Ratio Lower Upper

156 100

77 213.0 106.5 319.4

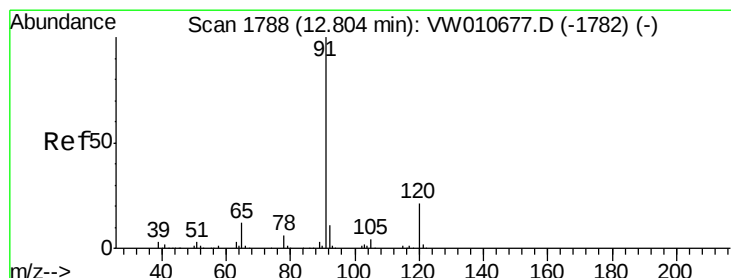
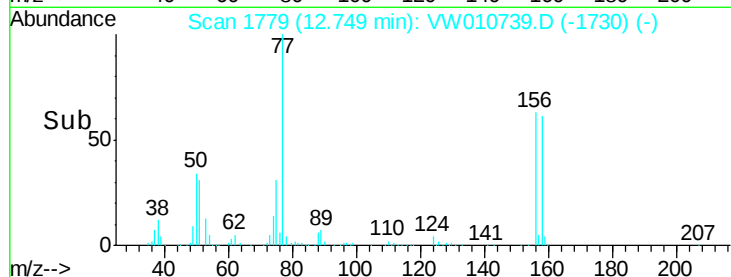
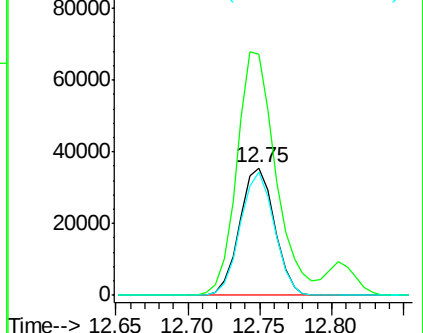
158 94.3 48.3 144.9



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: 19.730 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010739.D

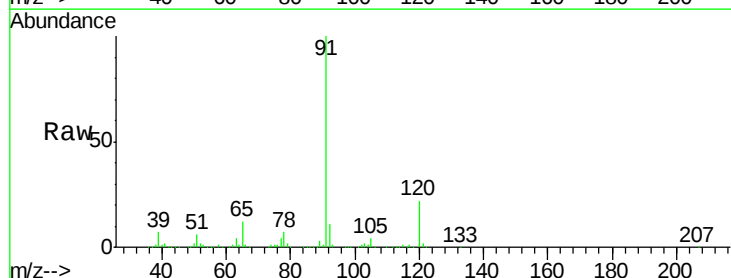
Acq: 10 Jun 2019 12:28

Tgt Ion: 91 Resp: 326238

Ion Ratio Lower Upper

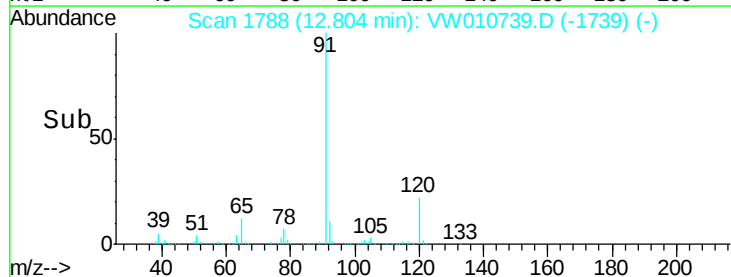
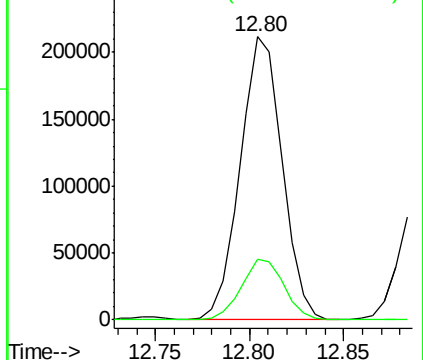
91 100

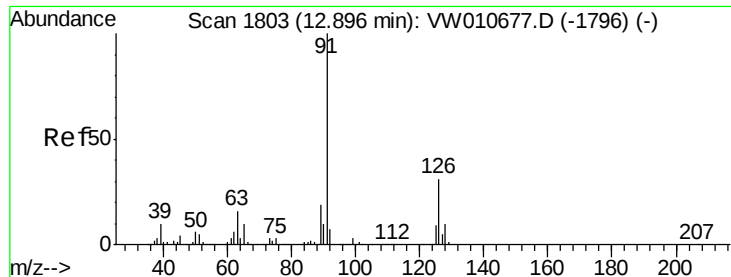
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.870 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

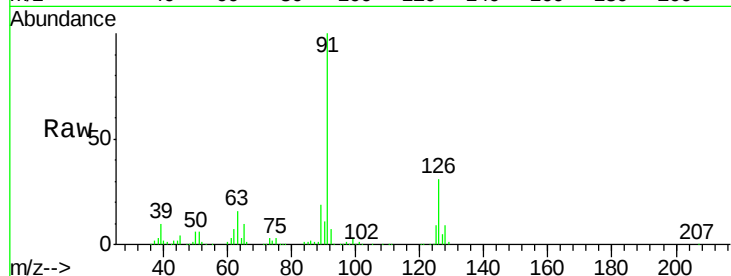
VW0610SBSD01

Tgt Ion: 91 Resp: 187708

Ion Ratio Lower Upper

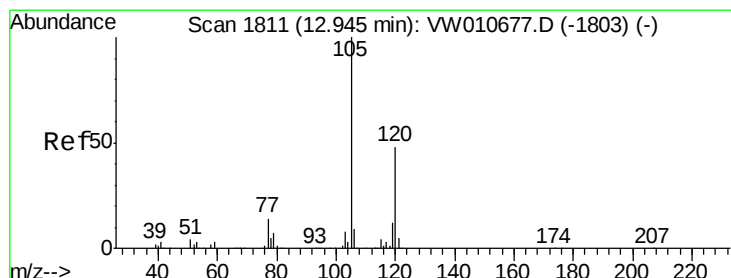
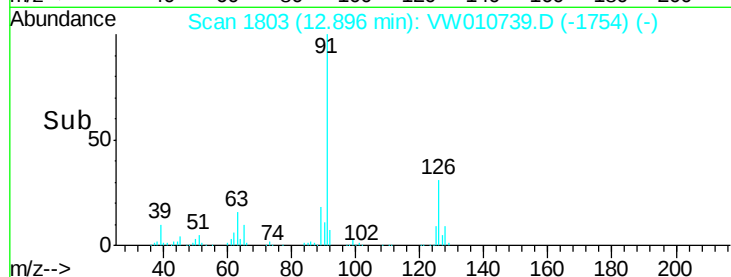
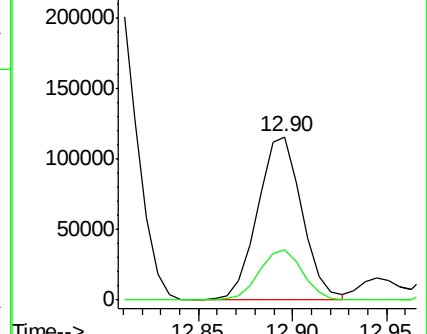
91 100

126 30.7 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.518 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010739.D

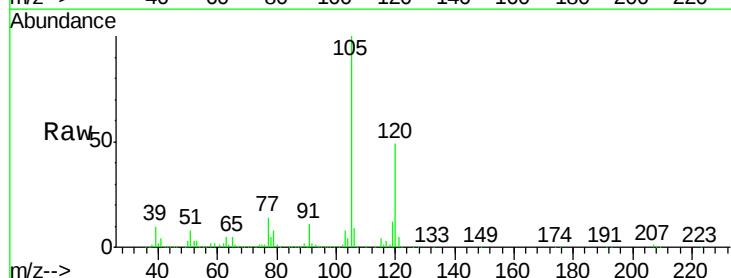
Acq: 10 Jun 2019 12:28

Tgt Ion: 105 Resp: 219076

Ion Ratio Lower Upper

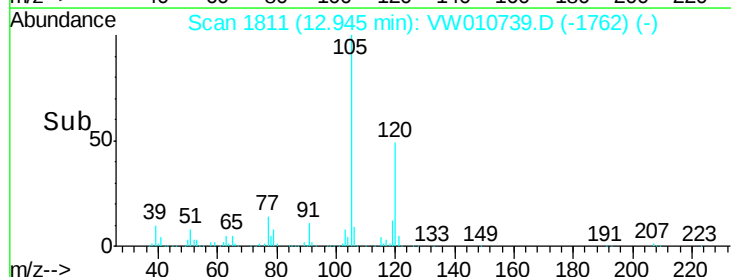
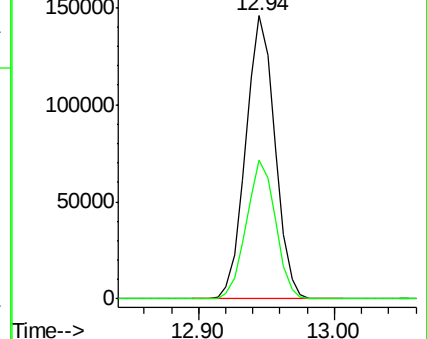
105 100

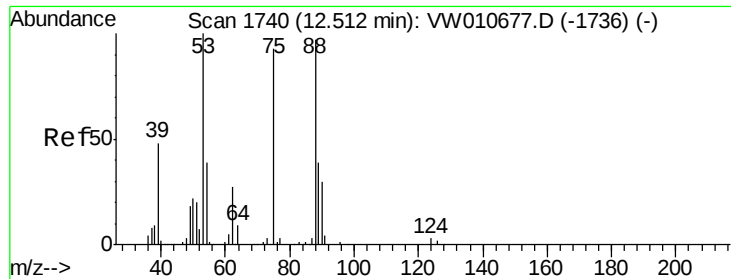
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

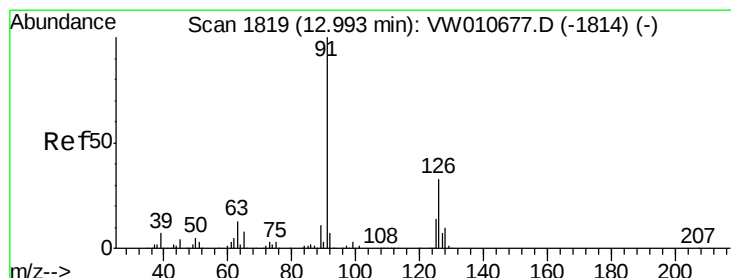
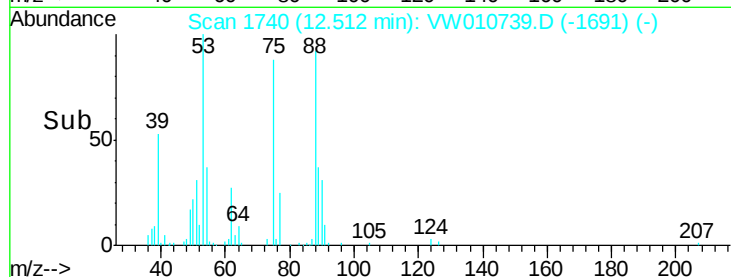
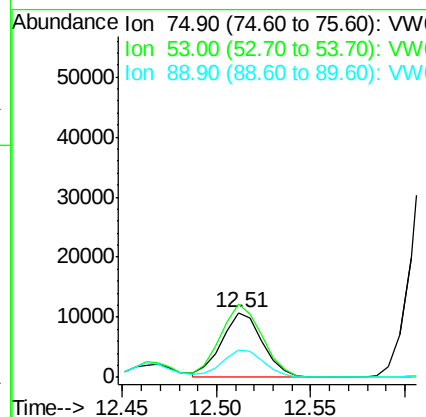
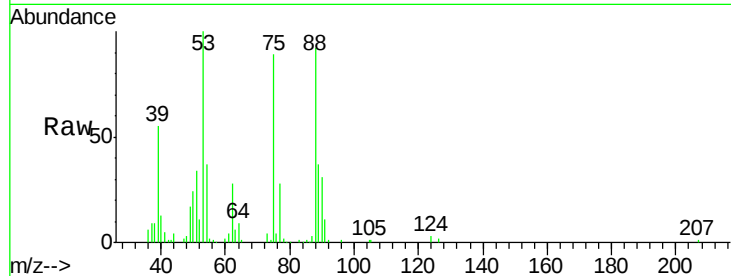




#81
trans-1,4-Dichloro-2-butene
Concen: 19.295 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

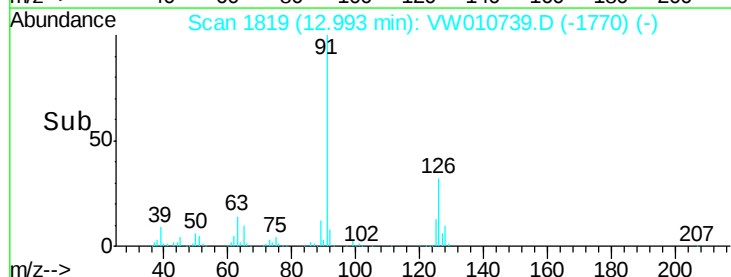
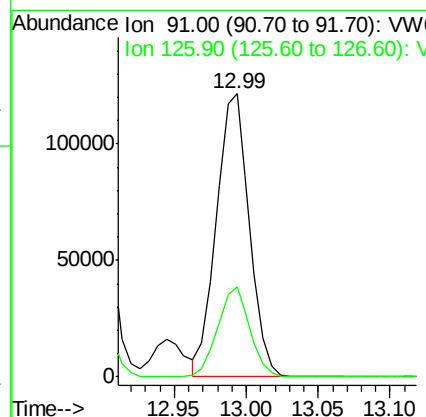
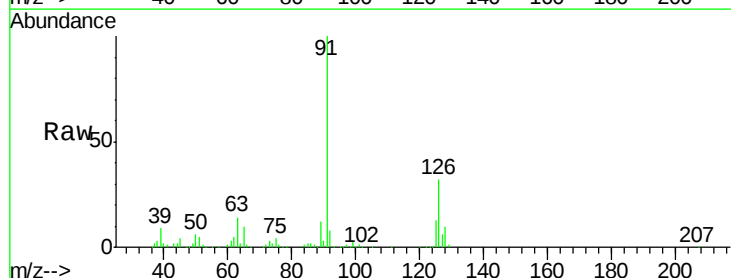
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

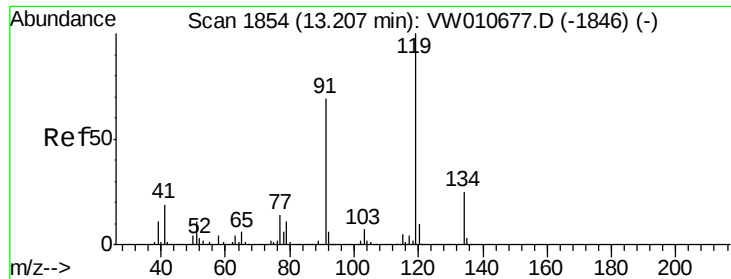
Tgt Ion: 75 Resp: 16088
Ion Ratio Lower Upper
75 100
53 115.0 90.1 135.1
89 44.4 34.6 52.0



#82
4-Chlorotoluene
Concen: 19.808 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 91 Resp: 193100
Ion Ratio Lower Upper
91 100
126 31.3 15.9 47.7

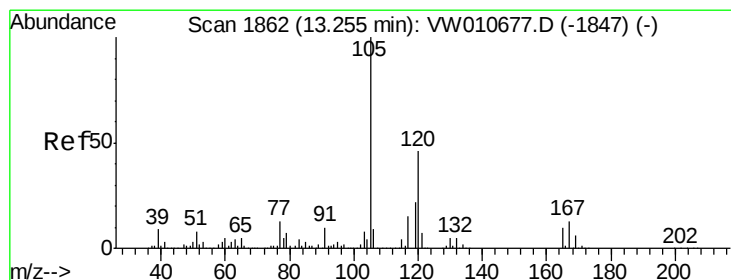
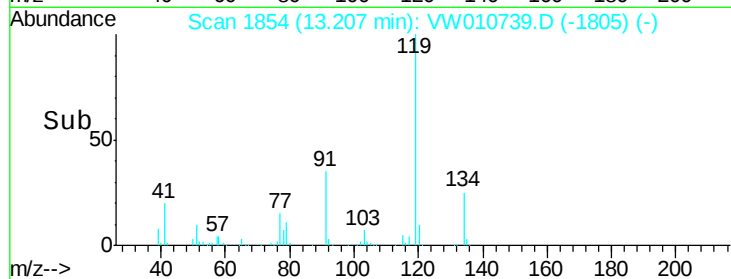
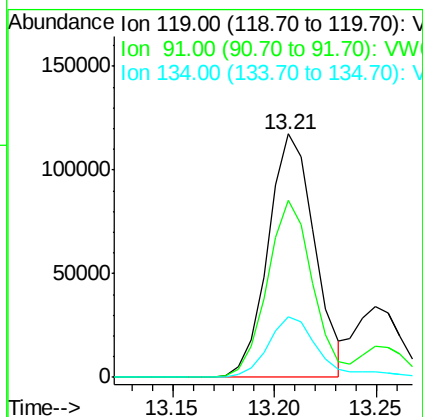
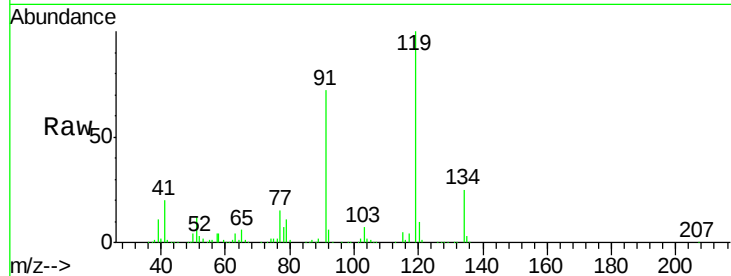




#83
 tert-Butylbenzene
 Concen: 19.605 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

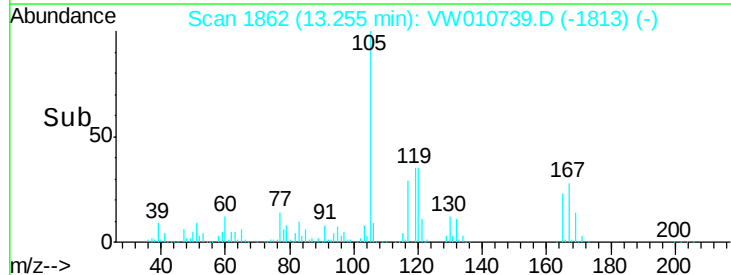
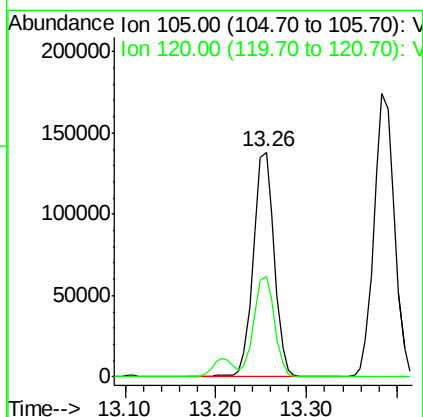
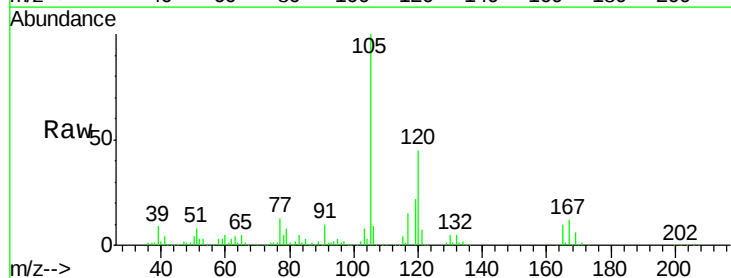
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

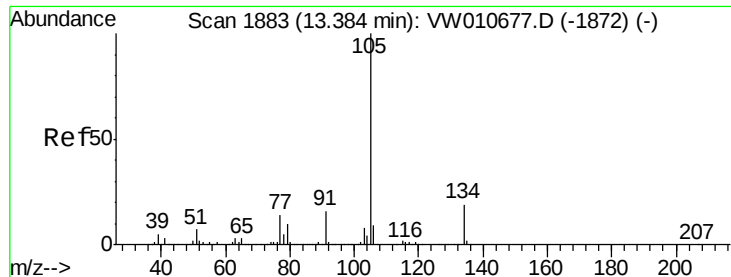
Tgt Ion:119 Resp: 186755
 Ion Ratio Lower Upper
 119 100
 91 71.4 35.1 105.3
 134 27.1 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.493 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion:105 Resp: 220175
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.5 67.5

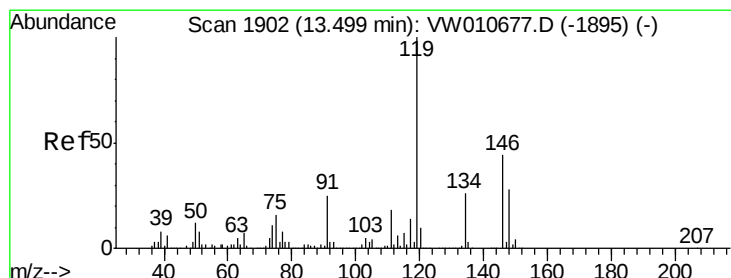
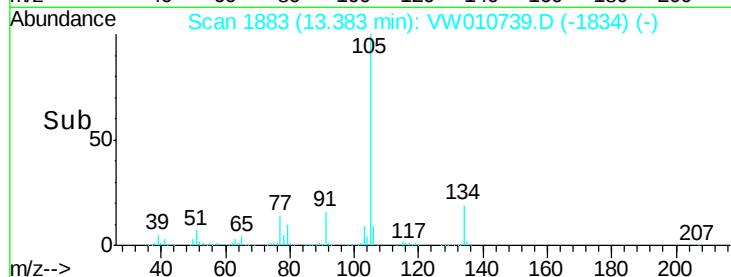
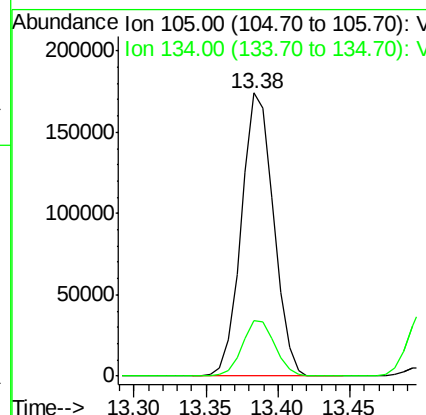
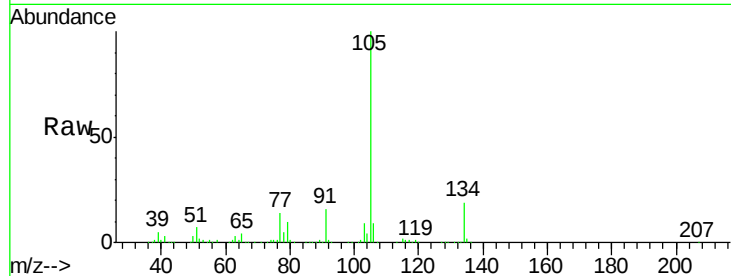




#85
 sec-Butylbenzene
 Concen: 19.520 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

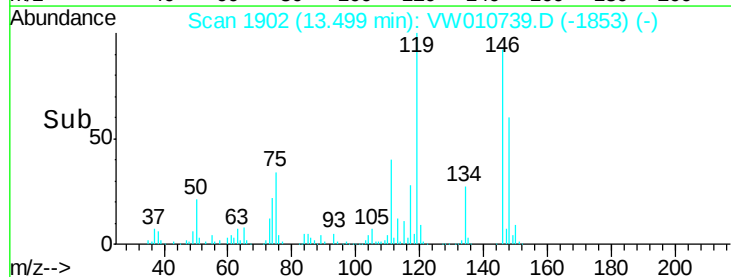
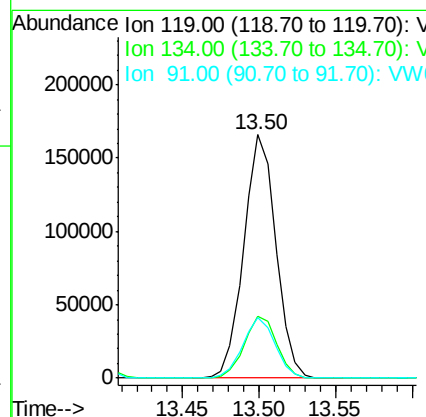
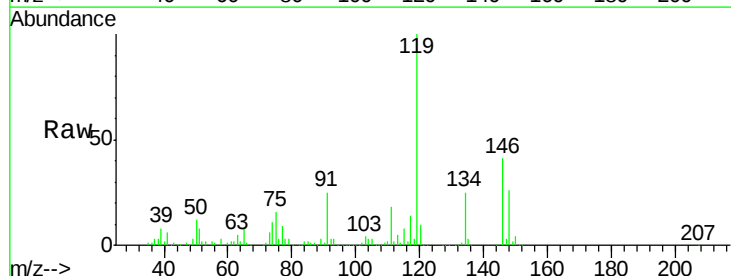
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

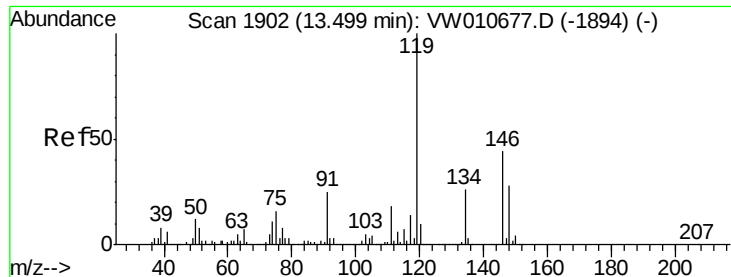
Tgt Ion:105 Resp: 270728
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.386 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion:119 Resp: 240434
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.523 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

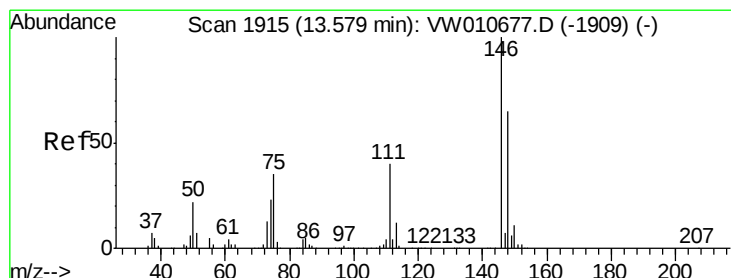
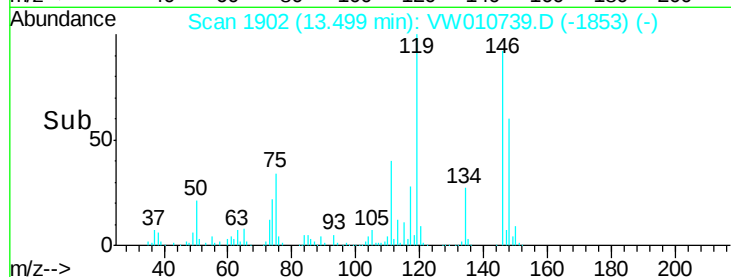
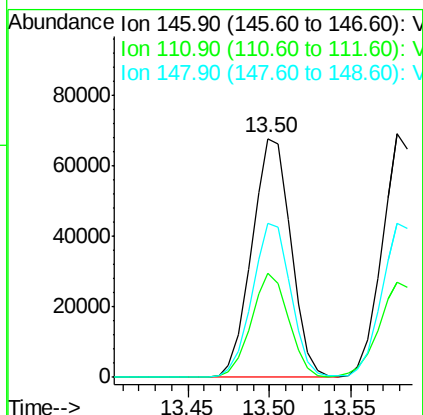
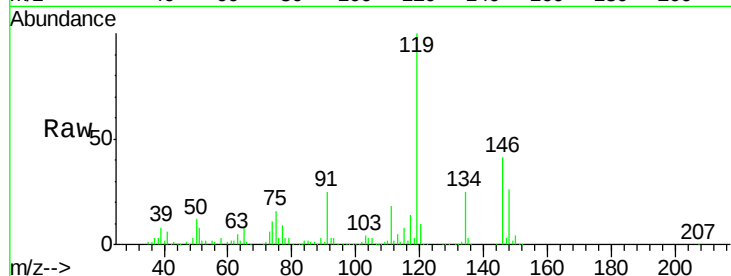
Tgt Ion:146 Resp: 112695

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.3

148 63.8 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 19.468 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

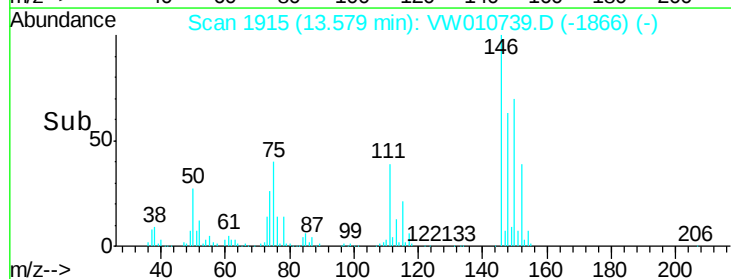
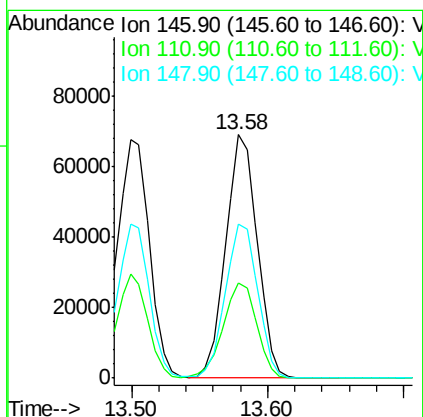
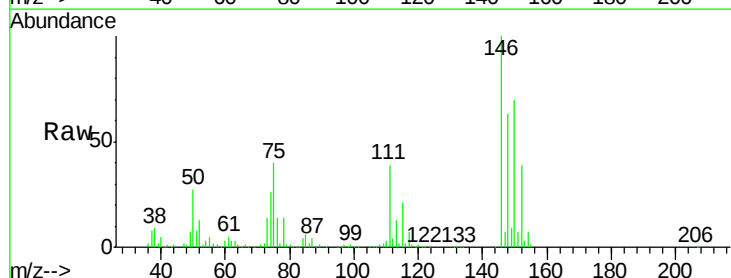
Tgt Ion:146 Resp: 111408

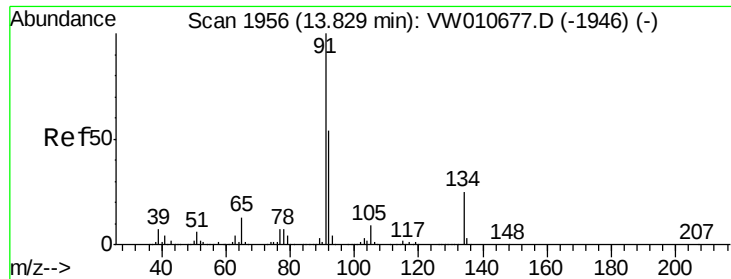
Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.9

148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 19.657 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

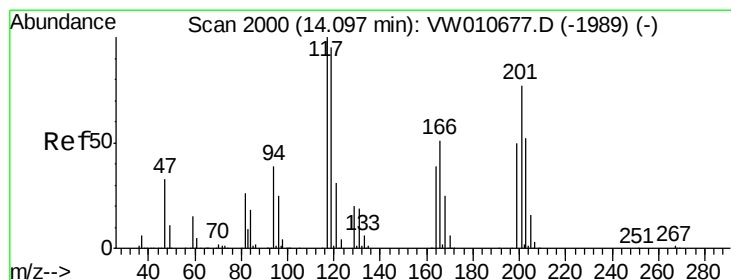
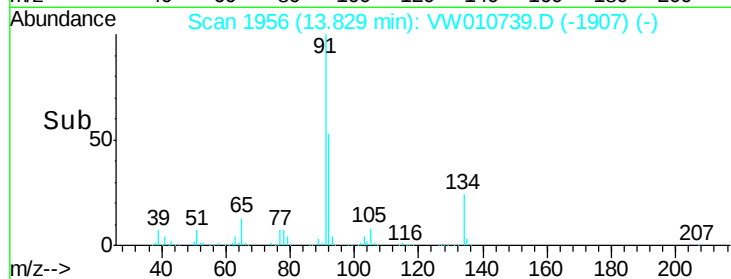
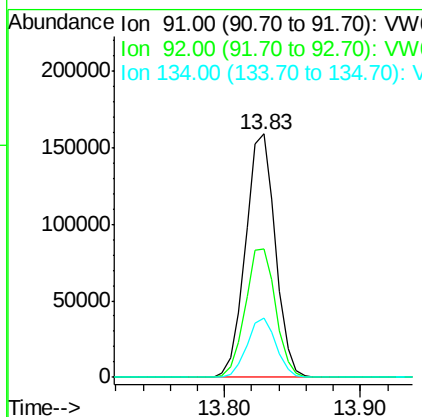
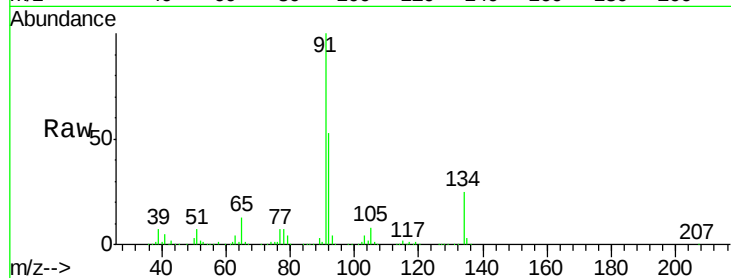
Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tgt Ion:	91	Resp:	243247
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.3	81.8
134	24.0	12.3	36.9



#90

Hexachloroethane

Concen: 20.615 ug/l

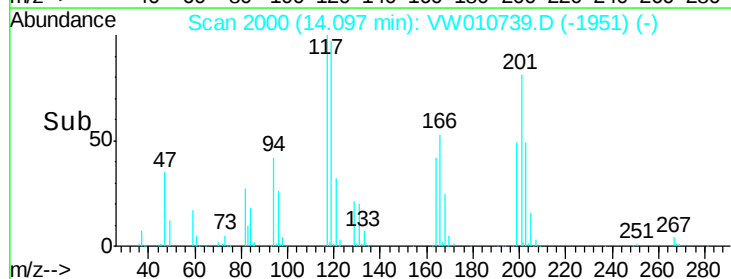
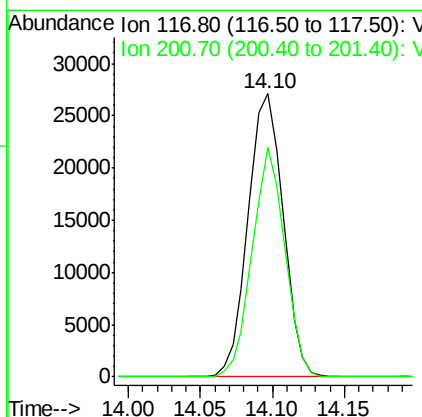
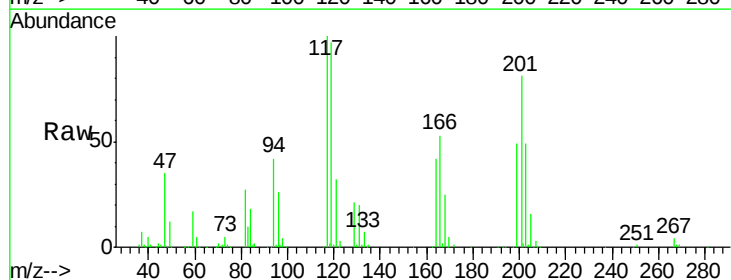
RT: 14.10 min Scan# 2000

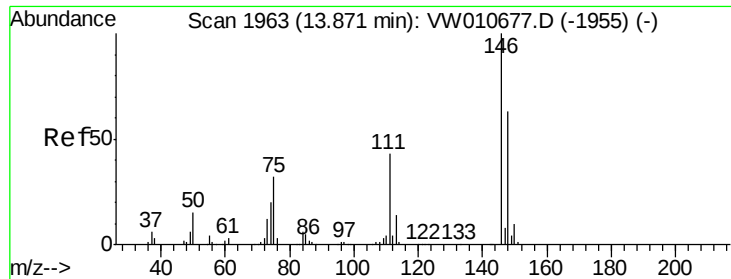
Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	117	Resp:	45788
Ion	Ratio	Lower	Upper
117	100		
201	75.1	38.8	116.4

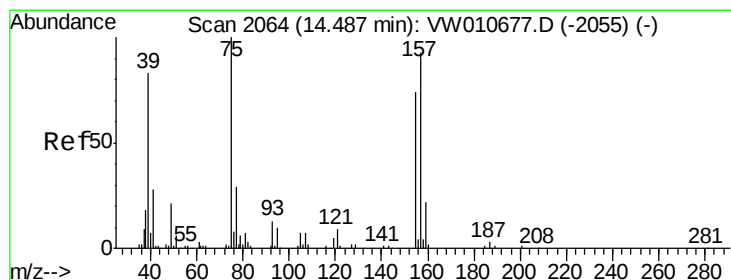
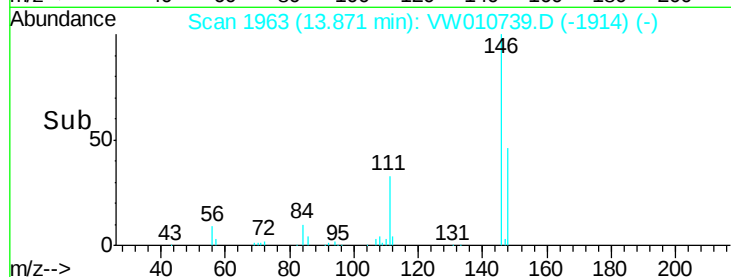
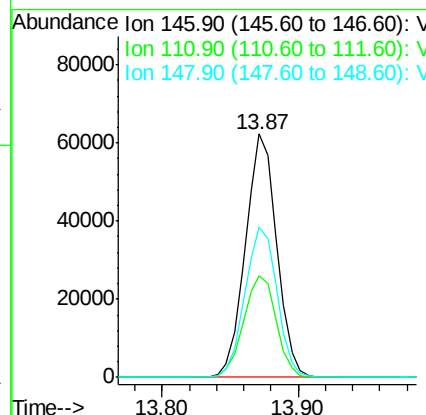
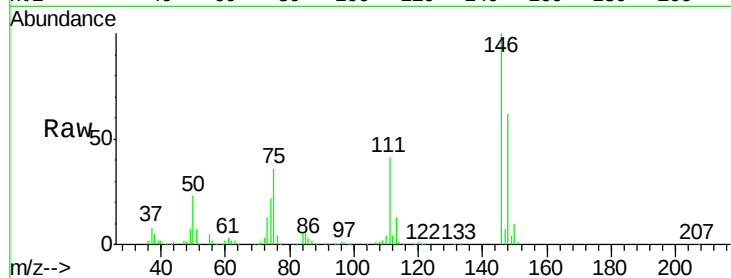




#91
 1,2-Dichlorobenzene
 Concen: 19.284 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

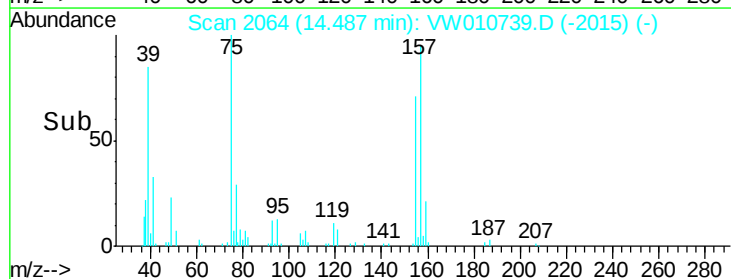
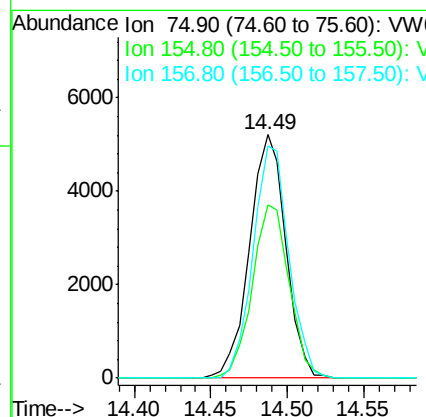
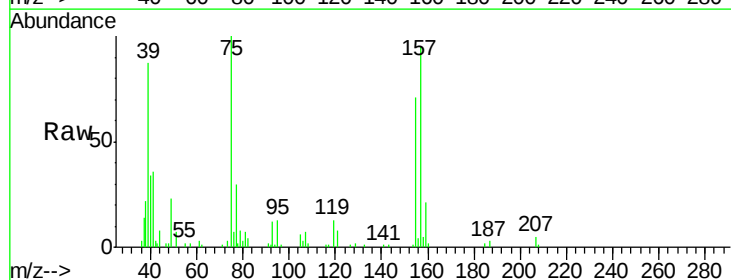
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

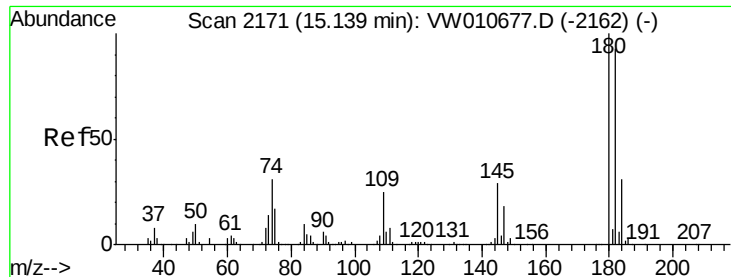
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.5	64.5
148	63.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.126 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.4	38.8	116.4
157	93.9	48.4	145.0

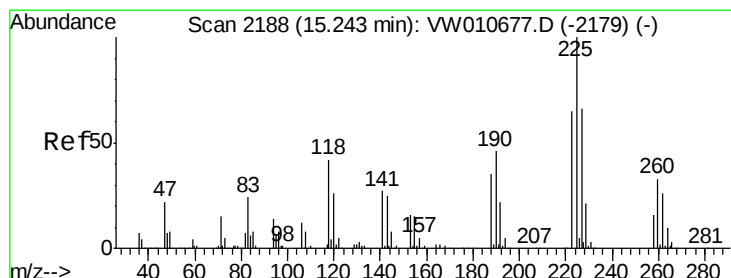
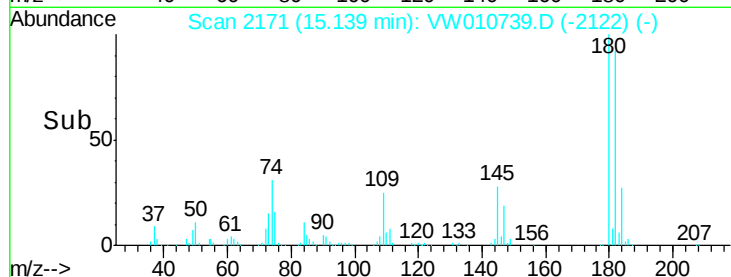
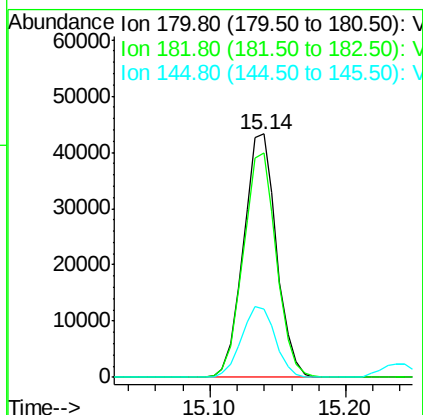
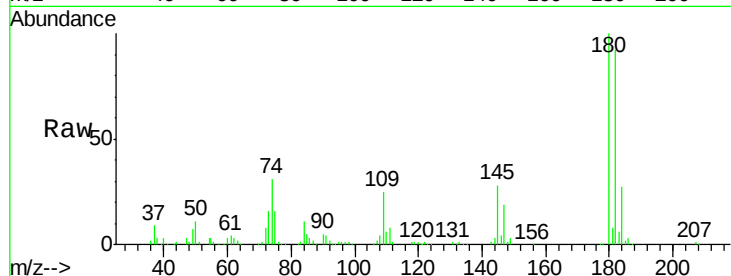




#93
 1,2,4-Trichlorobenzene
 Concen: 20.131 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

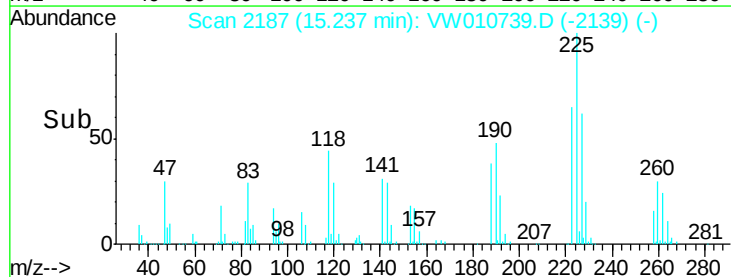
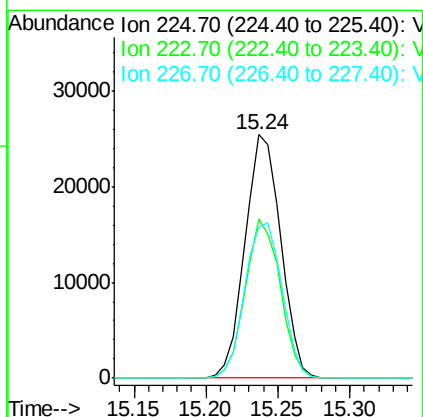
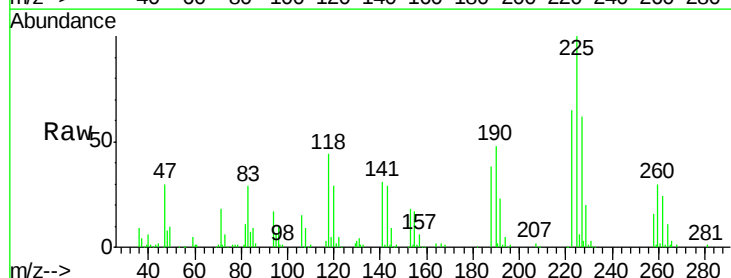
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

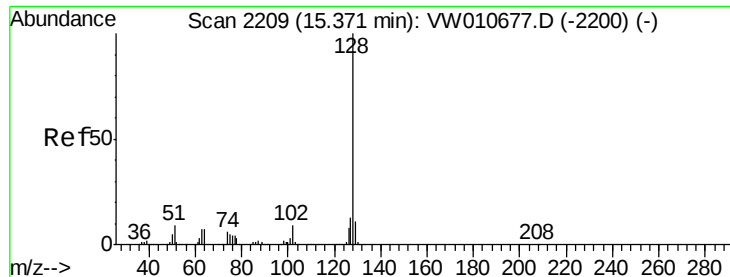
Tgt Ion:180 Resp: 73333
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.1 141.4
 145 29.8 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.116 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion:225 Resp: 43704
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.2 96.6
 227 66.1 32.0 96.0





#95

Naphthalene

Concen: 18.707 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

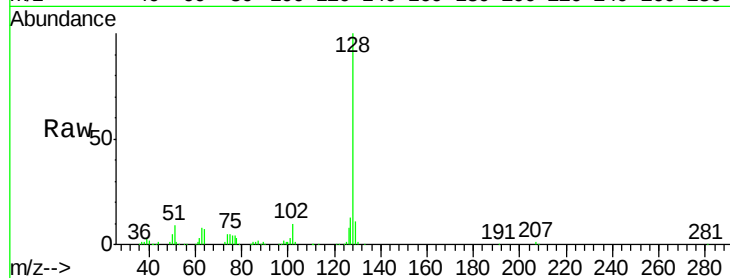
Tgt Ion:128 Resp: 123817

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

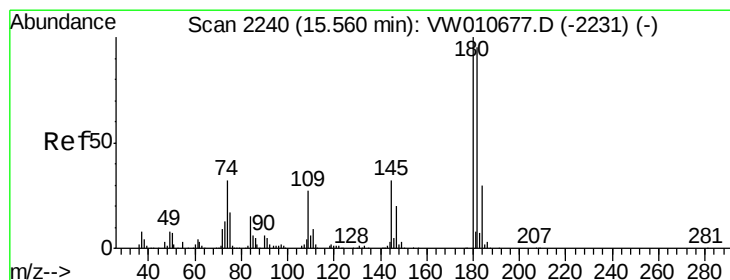
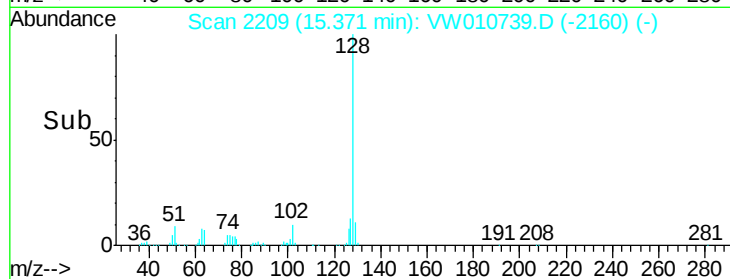
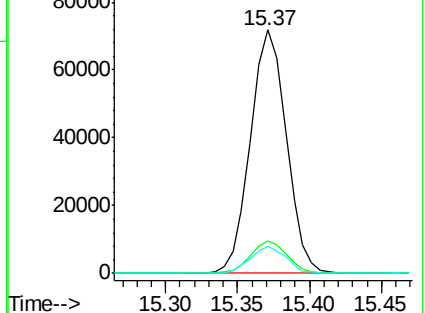
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.858 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

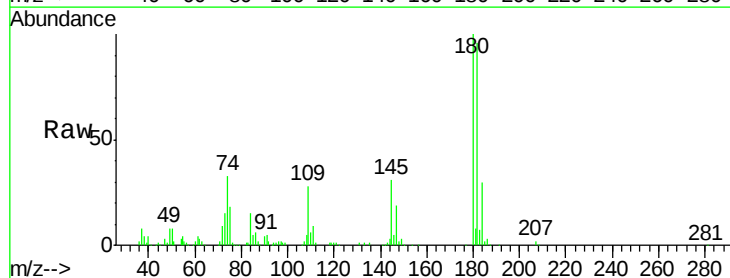
Tgt Ion:180 Resp: 61522

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.0

145 32.4 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

