

Data File : VW008767.D
Acq On : 21 Feb 2019 12:38
Operator : SY/VA
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Feb 22 00:25:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:19:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	323935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	452711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	251649	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	305871	100.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.34%	
35) Dibromofluoromethane	7.88	113	285653	100.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.48%	
50) Toluene-d8	10.32	98	1086747	99.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.58%	
62) 4-Bromofluorobenzene	12.62	95	418703	97.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	316999	97.705	ug/l	98
3) Chloromethane	2.21	50	395399	100.117	ug/l	100
4) Vinyl Chloride	2.35	62	432797	103.502	ug/l	100
5) Bromomethane	2.74	94	302144	97.282	ug/l	95
6) Chloroethane	2.90	64	309263	104.154	ug/l	99
7) Trichlorofluoromethane	3.25	101	537545	101.643	ug/l	99
8) Diethyl Ether	3.68	74	170933	102.091	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	324145	100.931	ug/l	99
10) Methyl Iodide	4.27	142	443872	110.527	ug/l	100
11) Tert butyl alcohol	5.17	59	136460	517.145	ug/l	95
12) 1,1-Dichloroethene	4.03	96	291843	102.898	ug/l	97
13) Acrolein	3.89	56	148048	578.807	ug/l	100
14) Allyl chloride	4.67	41	515443	105.297	ug/l	98
15) Acrylonitrile	5.37	53	373943	520.406	ug/l	98
16) Acetone	4.12	43	351537	499.176	ug/l	97
17) Carbon Disulfide	4.37	76	995795	105.819	ug/l	98
18) Methyl Acetate	4.67	43	163636	97.964	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	795502	103.623	ug/l	98
20) Methylene Chloride	4.92	84	327441	78.862	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	334327	101.904	ug/l	99
22) Diisopropyl ether	6.31	45	1014525	103.894	ug/l	99
23) Vinyl Acetate	6.26	43	3235775	536.318	ug/l	99
24) 1,1-Dichloroethane	6.21	63	583587	103.134	ug/l	99
25) 2-Butanone	7.16	43	513159	521.203	ug/l	99
26) 2,2-Dichloropropane	7.16	77	514335	100.118	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	357813	101.956	ug/l	100
28) Bromochloromethane	7.51	49	239196	101.015	ug/l	99
29) Tetrahydrofuran	7.53	42	338939	540.197	ug/l	99
30) Chloroform	7.68	83	593763	102.285	ug/l	100
31) Cyclohexane	7.95	56	539103	94.121	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	536769	101.678	ug/l	99
36) 1,1-Dichloropropene	8.08	75	456109	99.218	ug/l	99
37) Ethyl Acetate	7.25	43	226256	105.839	ug/l	99
38) Carbon Tetrachloride	8.07	117	484167	99.868	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	586427	102.272	ug/l	98
40) Benzene	8.32	78	1251412	99.703	ug/l	100
41) Methacrylonitrile	7.48	41	134122	106.736	ug/l	93
42) 1,2-Dichloroethane	8.40	62	408359	102.706	ug/l	99
43) Isopropyl Acetate	8.42	43	446821	104.727	ug/l	99
44) Trichloroethene	9.09	130	350644	99.169	ug/l	99
45) 1,2-Dichloropropane	9.37	63	308604	99.497	ug/l	96
46) Dibromomethane	9.46	93	176829	102.495	ug/l	98
47) Bromodichloromethane	9.65	83	432567	103.052	ug/l	96
48) Methyl methacrylate	9.44	41	222578	108.925	ug/l	95
49) 1,4-Dioxane	9.45	88	57435	2078.856	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1130769	522.030	ug/l	99
52) Toluene	10.39	92	848138	99.567	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	453182	105.923	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	510728	104.666	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	238357	101.875	ug/l	96
56) Ethyl methacrylate	10.65	69	323837	106.533	ug/l	98
57) 1,3-Dichloropropane	10.93	76	416147	100.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	766082	501.088	ug/l	99
59) 2-Hexanone	10.97	43	811110	526.039	ug/l	100
60) Dibromochloromethane	11.13	129	296827	104.011	ug/l	100
61) 1,2-Dibromoethane	11.23	107	235448	101.664	ug/l	99
64) Tetrachloroethene	10.86	164	314521	97.057	ug/l	98
65) Chlorobenzene	11.66	112	940052	98.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	324074	100.685	ug/l	97
67) Ethyl Benzene	11.73	91	1714715	100.764	ug/l	100
68) m/p-Xylenes	11.84	106	1363086	200.477	ug/l	99
69) o-Xylene	12.16	106	643153	100.779	ug/l	98
70) Styrene	12.18	104	1061232	103.361	ug/l	99
71) Bromoform	12.35	173	180694	104.439	ug/l #	99
73) Isopropylbenzene	12.46	105	1752630	101.592	ug/l	100
74) N-amyl acetate	12.27	43	474383	109.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	283353	100.521	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	400064	183.753	ug/l #	100
77) Bromobenzene	12.75	156	399033	97.881	ug/l	97
78) n-propylbenzene	12.80	91	2137473	101.289	ug/l	100
79) 2-Chlorotoluene	12.90	91	1208968	100.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1532772	102.240	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	95482	111.722	ug/l	95
82) 4-Chlorotoluene	12.99	91	1282079	101.544	ug/l	99
83) tert-Butylbenzene	13.21	119	1299104	100.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1585852	102.187	ug/l	100
85) sec-Butylbenzene	13.38	105	1896259	101.733	ug/l	99
86) p-Isopropyltoluene	13.50	119	1742407	101.970	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	836207	98.863	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	816176	97.906	ug/l	100
89) n-Butylbenzene	13.83	91	1650549	103.106	ug/l	99
90) Hexachloroethane	14.10	117	287932	102.932	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	739080	98.067	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52999	103.937	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Quantitation Report (Not Reviewed)

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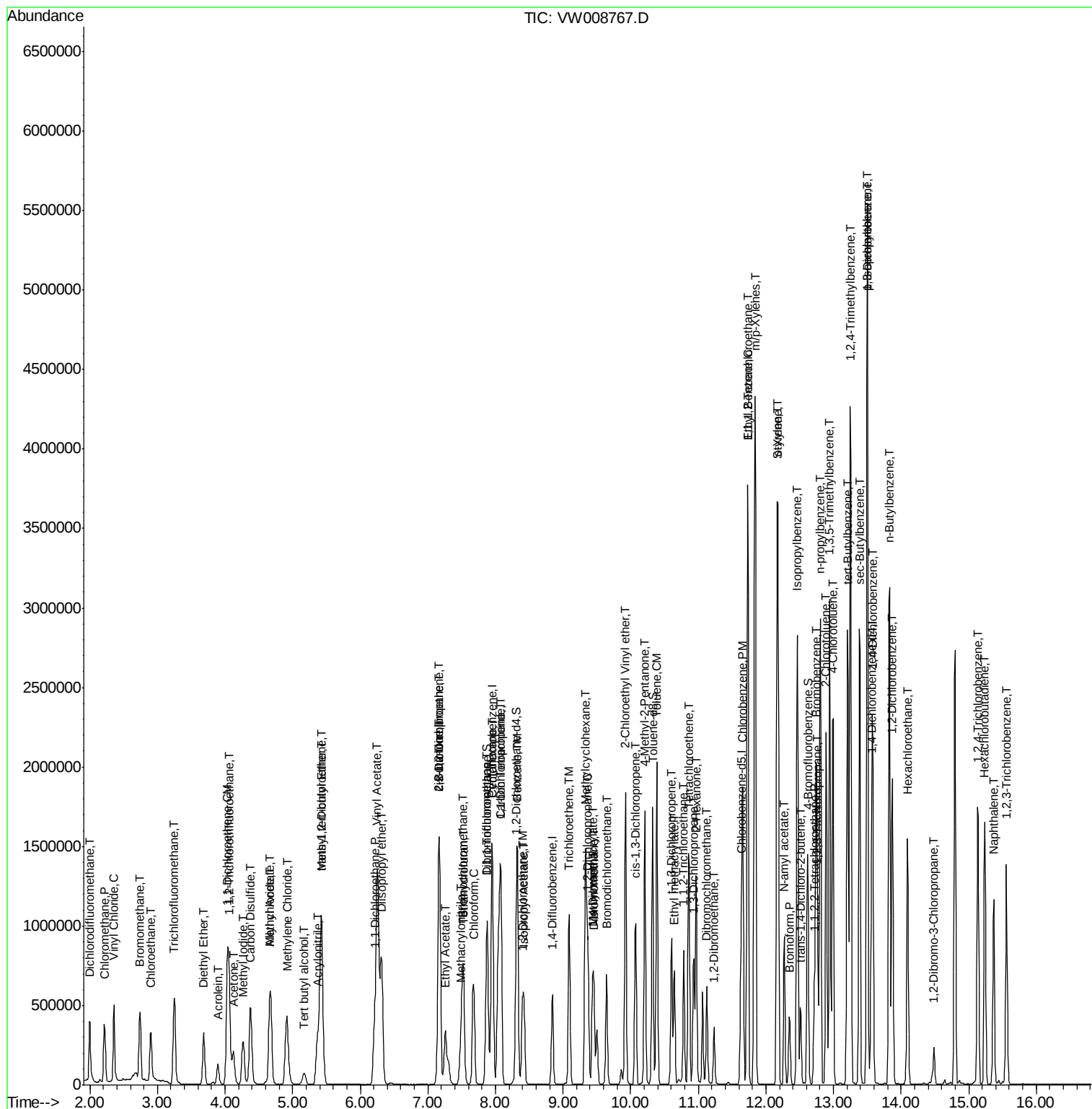
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	545888	100.529	ug/l	99
94) Hexachlorobutadiene	15.24	225	310390	97.041	ug/l	100
95) Naphthalene	15.37	128	964591	104.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	458466	97.649	ug/l	99

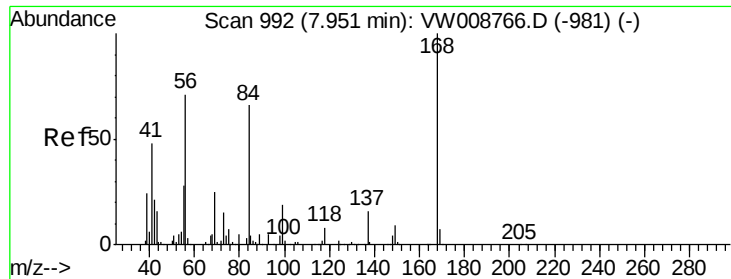
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ClientSampleId :
VSTDIC100

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

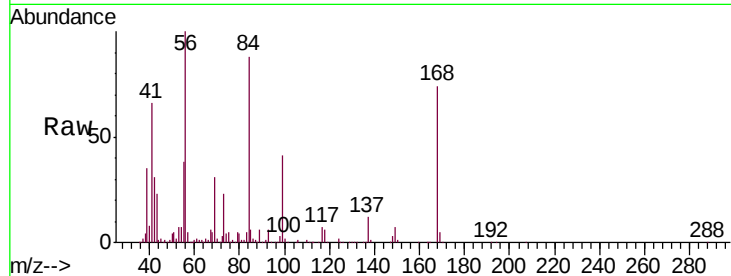
VSTDIC100

Tgt Ion:168 Resp: 323935

Ion Ratio Lower Upper

168 100

99 54.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

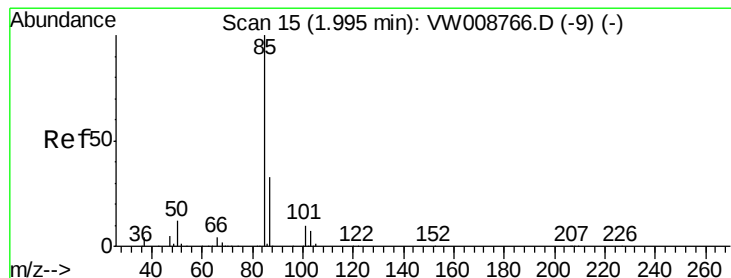
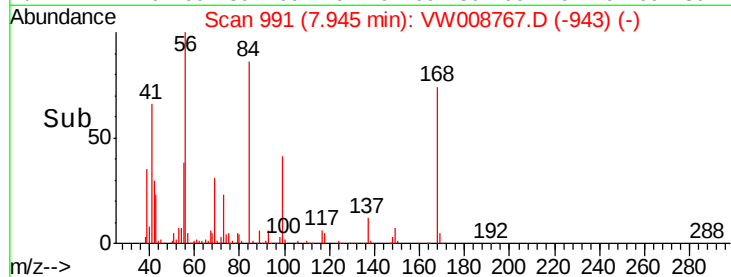
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 97.705 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008767.D

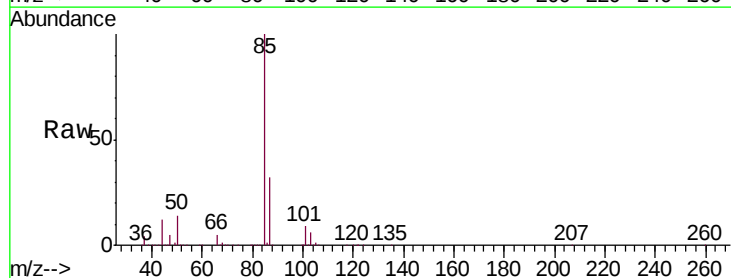
Acq: 21 Feb 2019 12:38

Tgt Ion: 85 Resp: 316999

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200000

150000

100000

50000

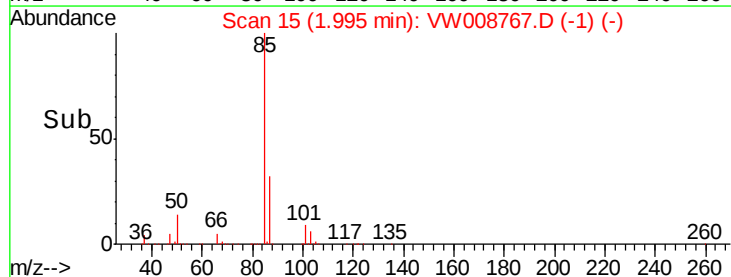
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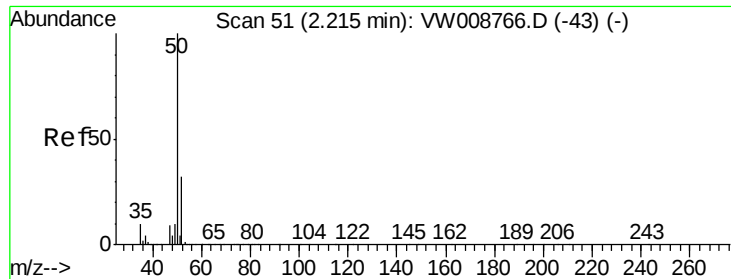
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 100.117 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

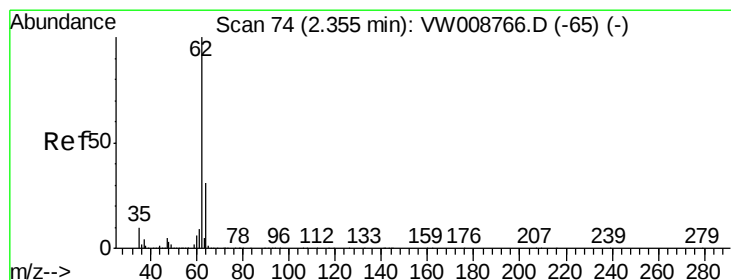
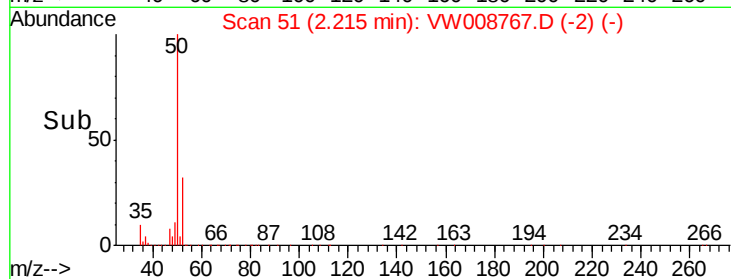
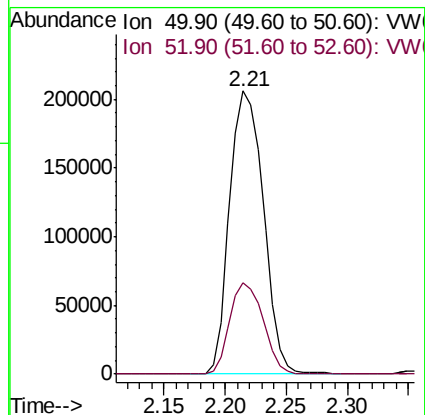
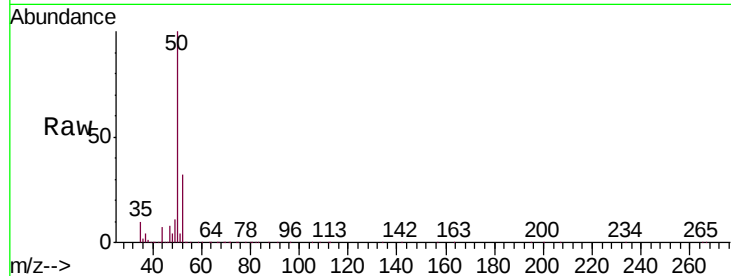
VSTDIC100

Tgt Ion: 50 Resp: 395399

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



#4

Vinyl Chloride

Concen: 103.502 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008767.D

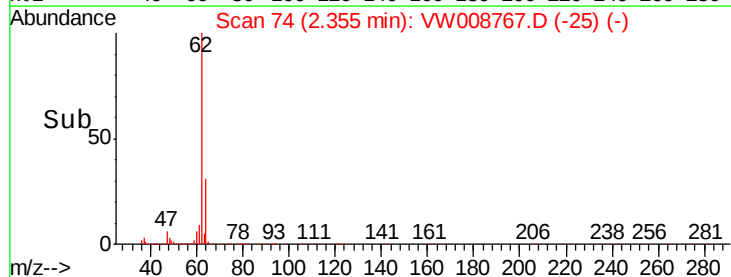
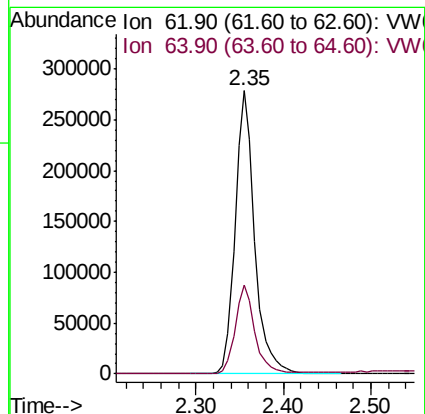
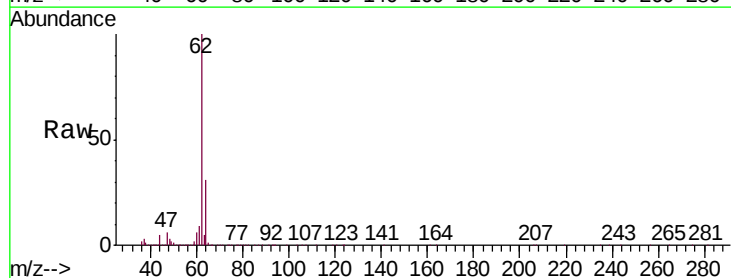
Acq: 21 Feb 2019 12:38

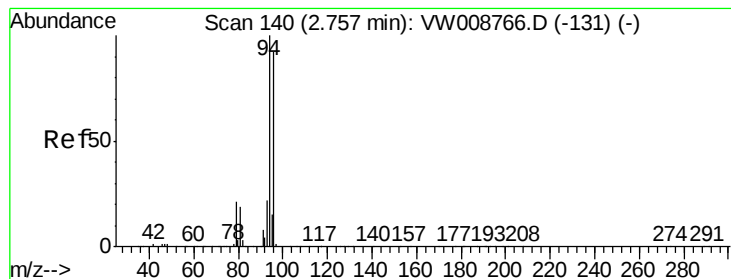
Tgt Ion: 62 Resp: 432797

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3





#5

Bromomethane

Concen: 97.282 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

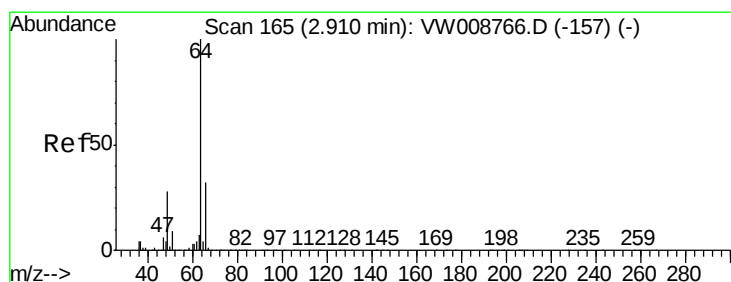
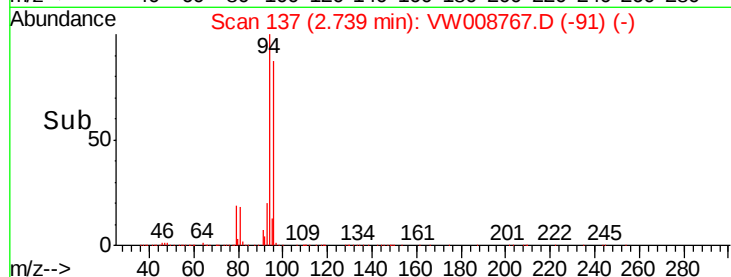
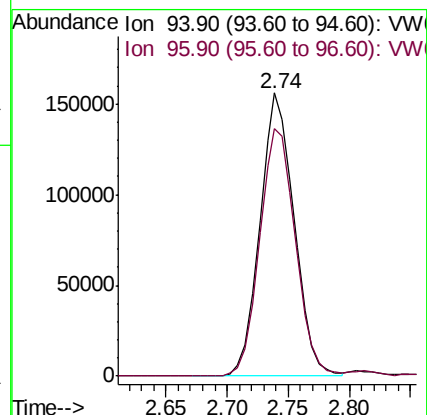
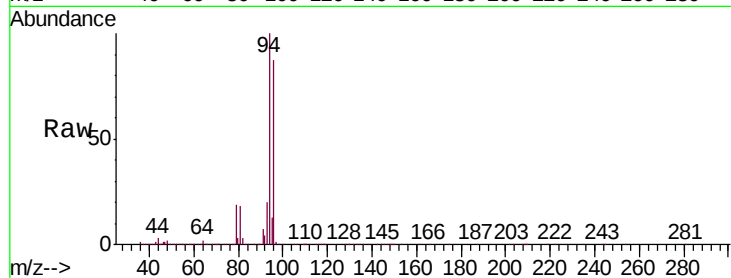
VSTDIC100

Tgt Ion: 94 Resp: 302144

Ion Ratio Lower Upper

94 100

96 87.3 73.4 110.2



#6

Chloroethane

Concen: 104.154 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW008767.D

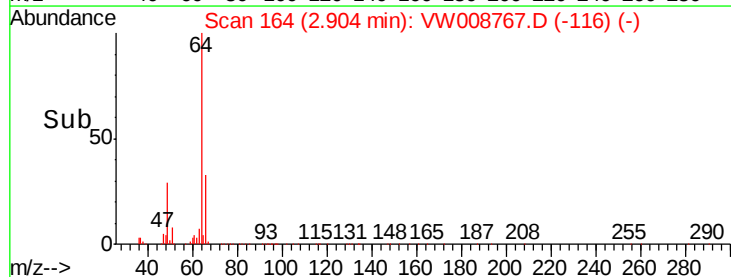
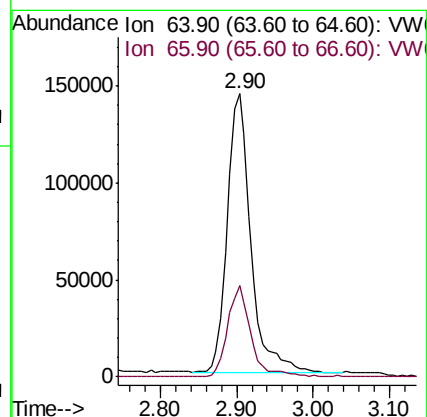
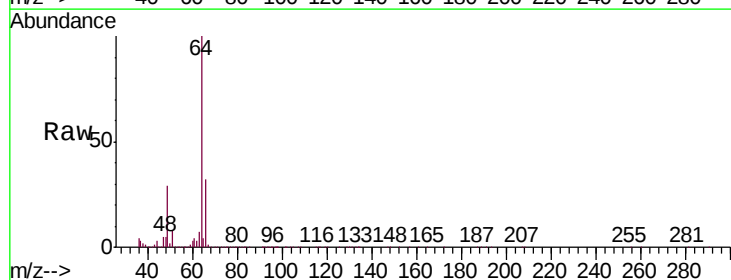
Acq: 21 Feb 2019 12:38

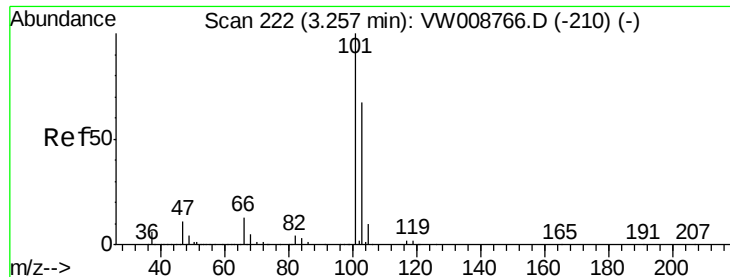
Tgt Ion: 64 Resp: 309263

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



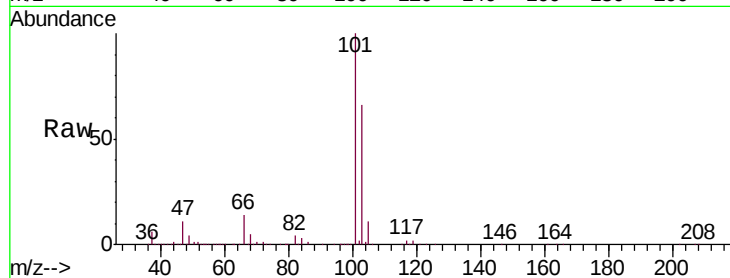


#7

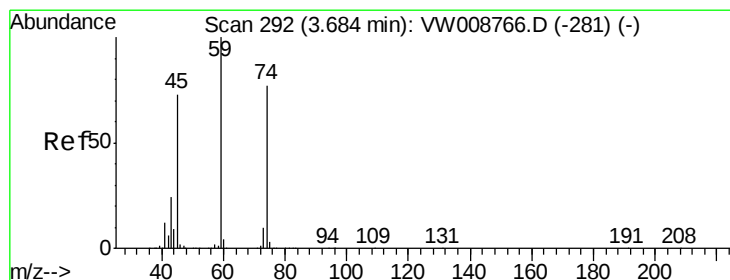
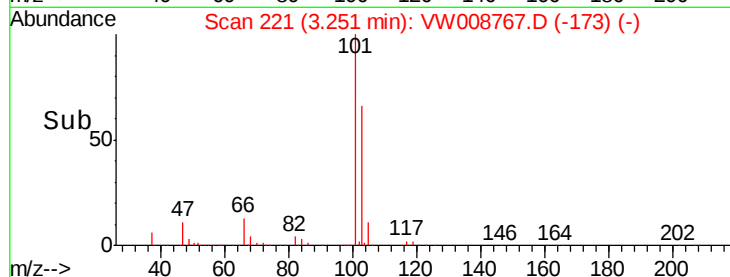
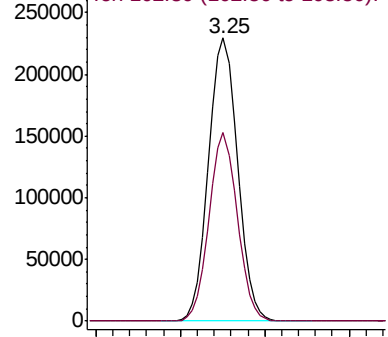
Trichlorofluoromethane
 Concen: 101.643 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Instrument :
 MSVOA_W
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 VSTDIC100

Tgt Ion:101 Resp: 537545
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.9 80.9



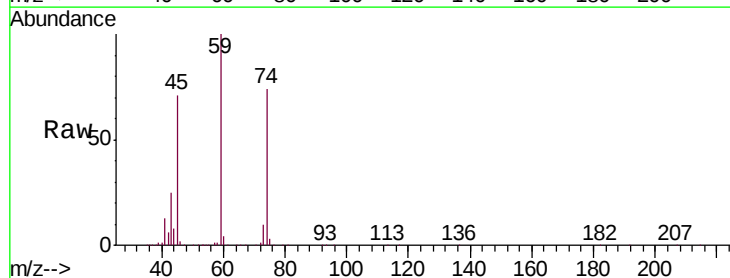
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



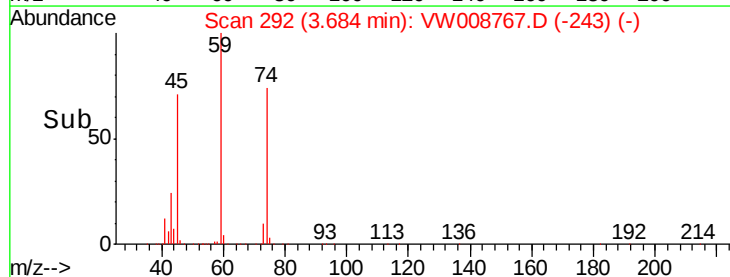
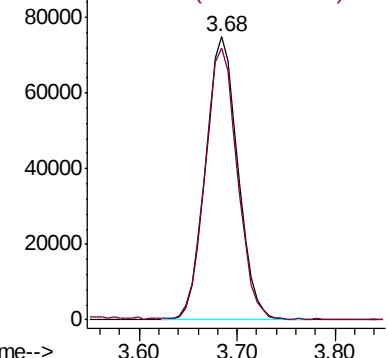
#8

Diethyl Ether
 Concen: 102.091 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion: 74 Resp: 170933
 Ion Ratio Lower Upper
 74 100
 45 96.5 50.2 150.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.931 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

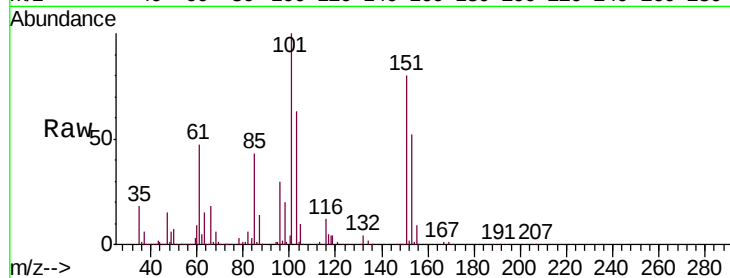
Tgt Ion:101 Resp: 324145

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

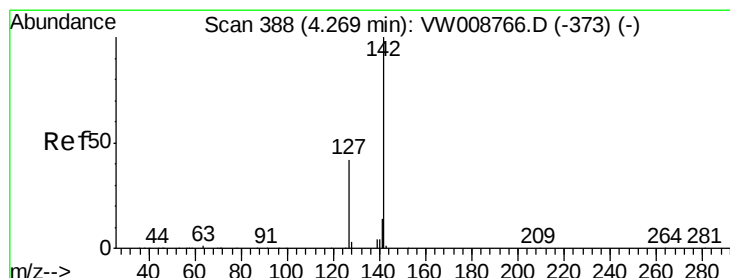
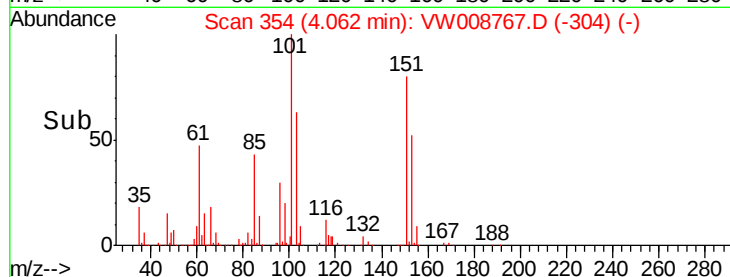
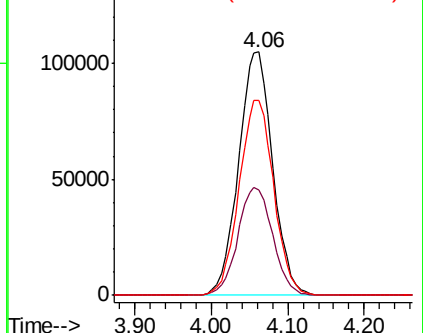
151 81.4 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 110.527 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

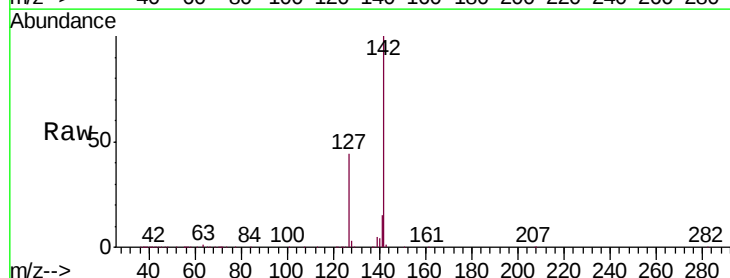
Tgt Ion:142 Resp: 443872

Ion Ratio Lower Upper

142 100

127 44.3 35.3 52.9

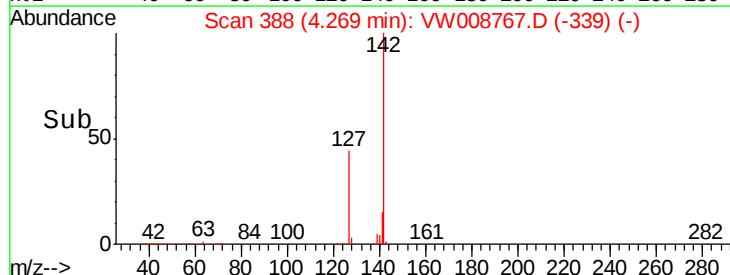
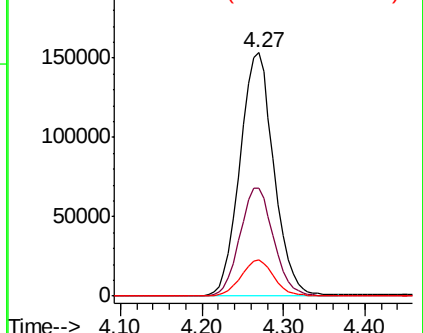
141 14.7 11.7 17.5

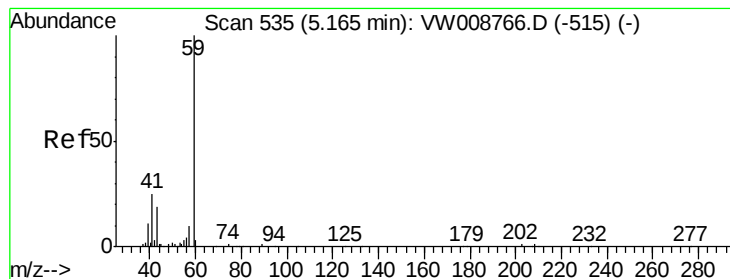


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



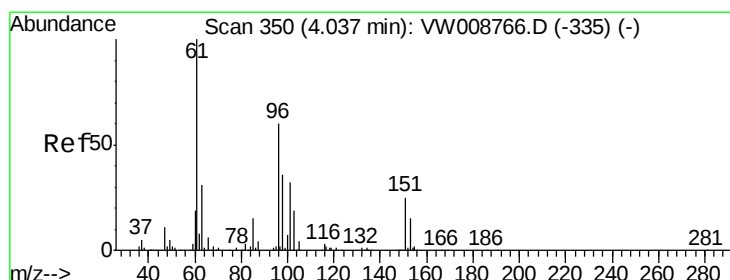
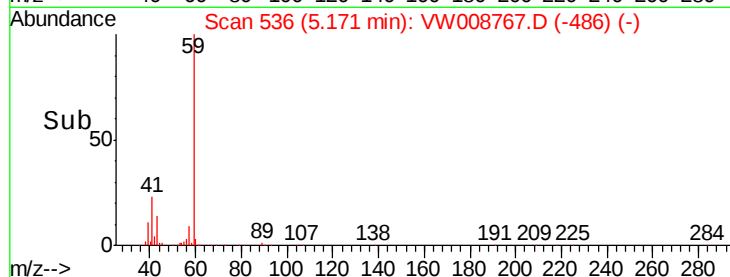
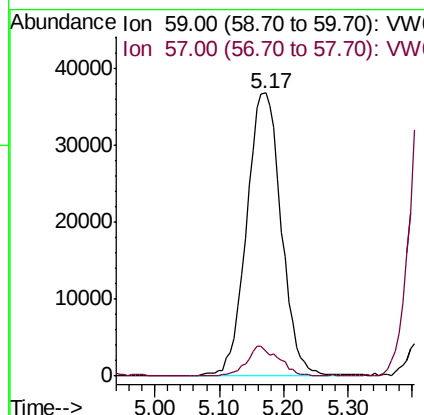
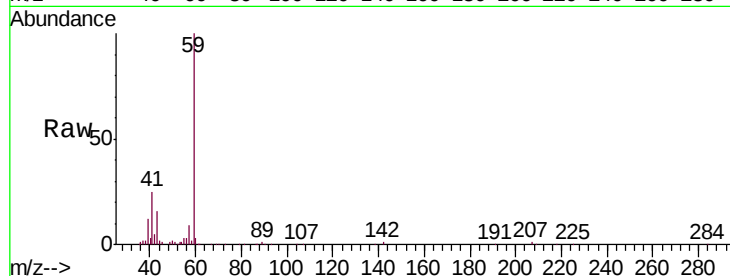


#11

Tert butyl alcohol
 Concen: 517.145 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

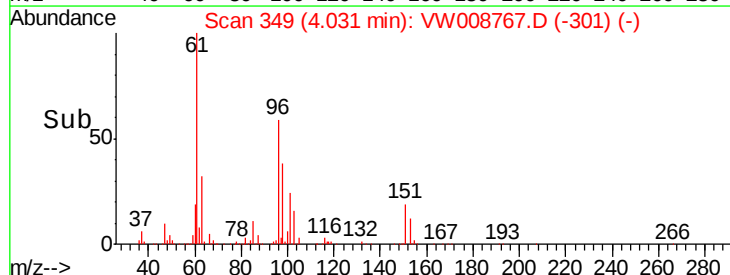
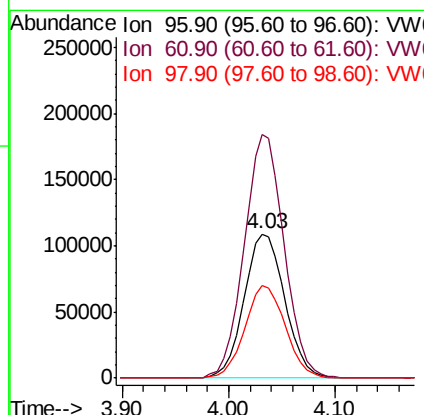
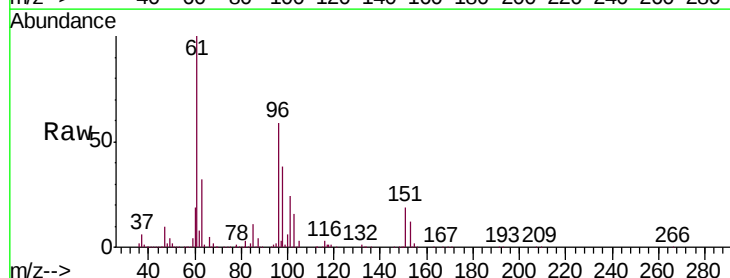
Tgt Ion: 59 Resp: 136460
 Ion Ratio Lower Upper
 59 100
 57 9.8 9.3 13.9

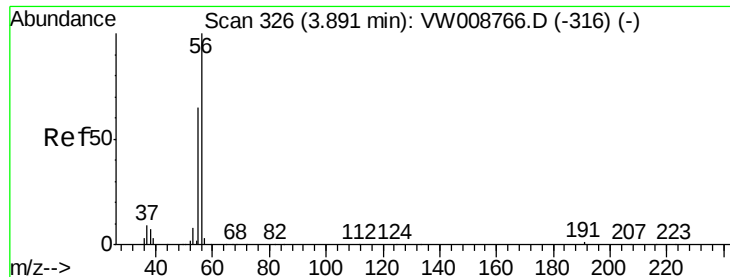


#12

1,1-Dichloroethene
 Concen: 102.898 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion: 96 Resp: 291843
 Ion Ratio Lower Upper
 96 100
 61 168.8 132.5 198.7
 98 64.5 48.2 72.4





#13

Acrolein

Concen: 578.807 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

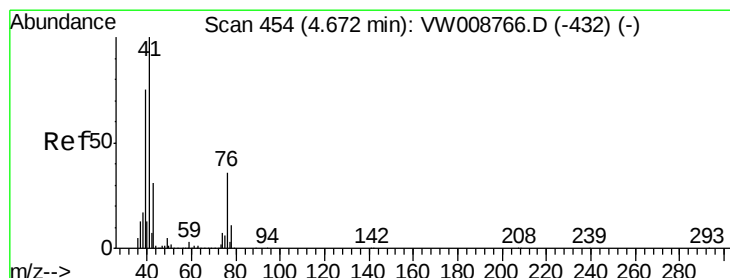
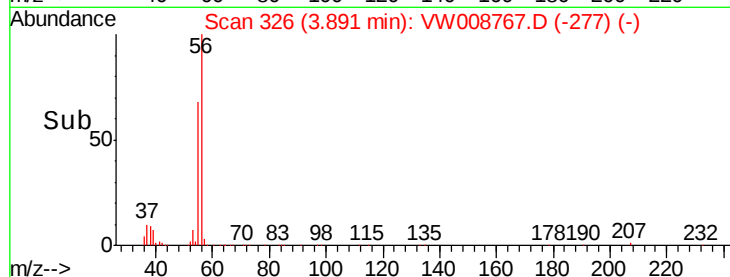
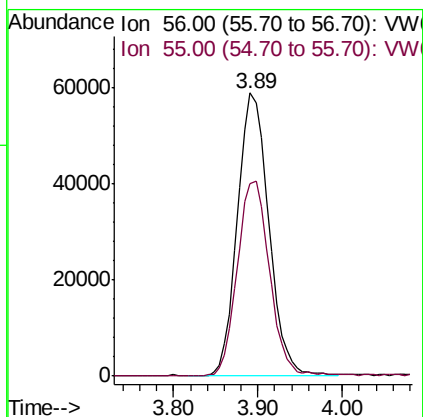
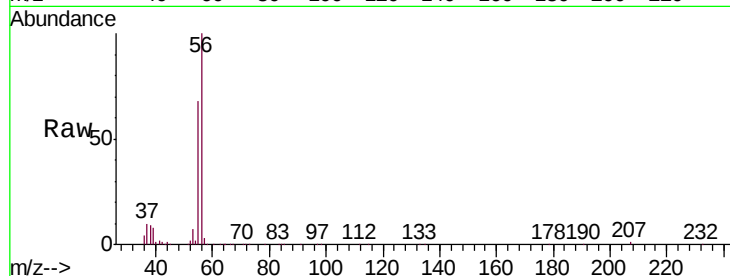
VSTDIC100

Tgt Ion: 56 Resp: 148048

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 105.297 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

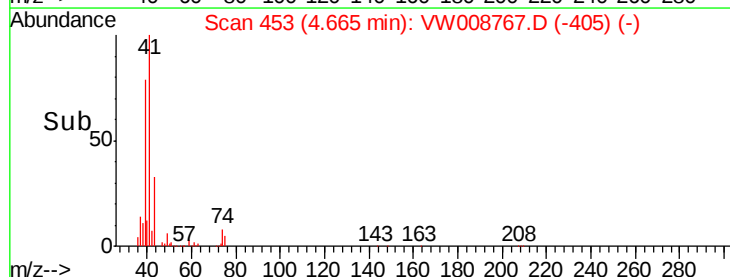
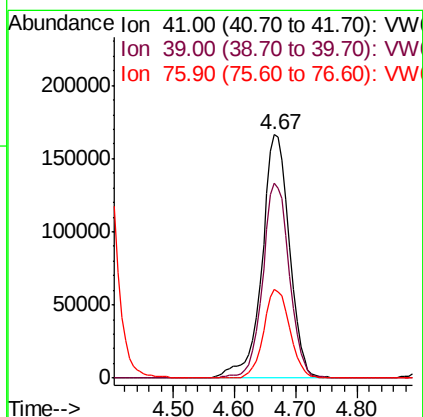
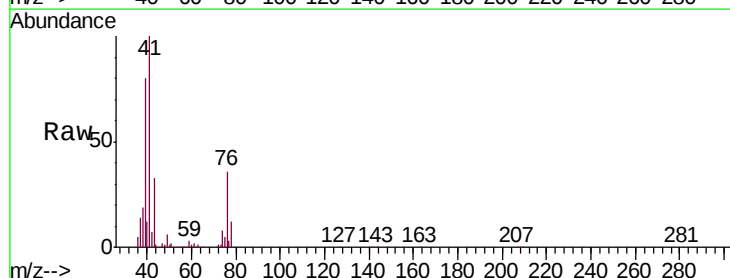
Tgt Ion: 41 Resp: 515443

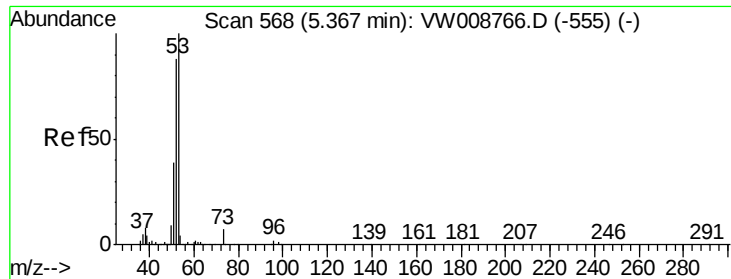
Ion Ratio Lower Upper

41 100

39 77.6 60.6 91.0

76 34.8 28.6 42.8





#15

Acrylonitrile

Concen: 520.406 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

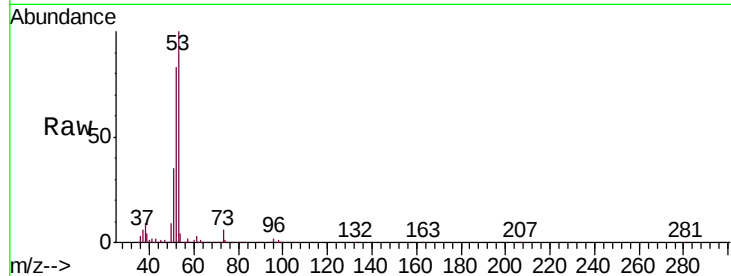
Tgt Ion: 53 Resp: 373943

Ion Ratio Lower Upper

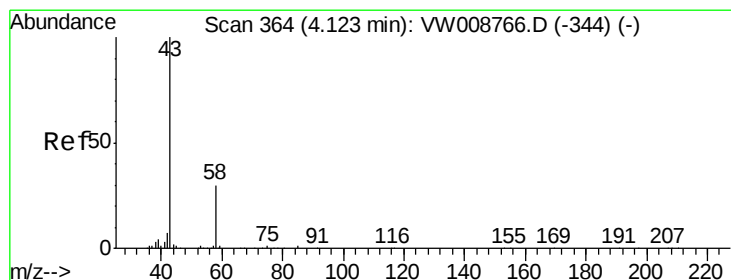
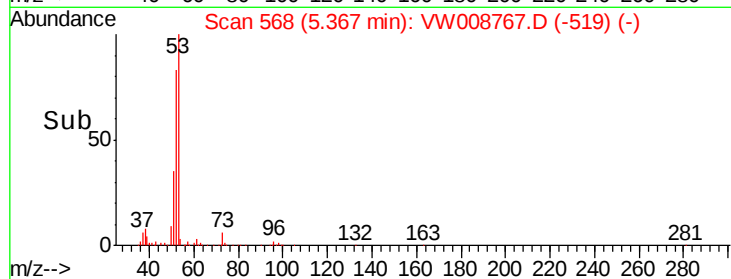
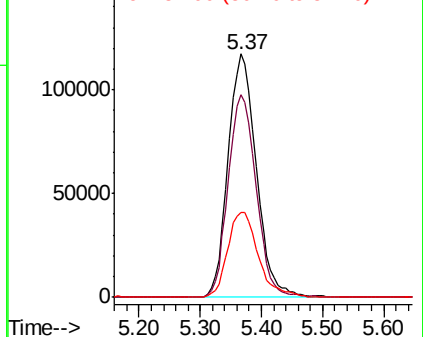
53 100

52 81.9 67.2 100.8

51 37.9 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 499.176 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008767.D

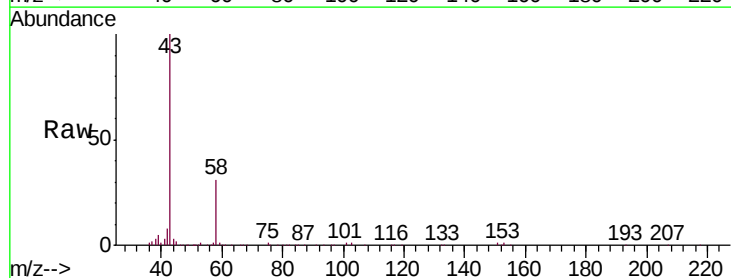
Acq: 21 Feb 2019 12:38

Tgt Ion: 43 Resp: 351537

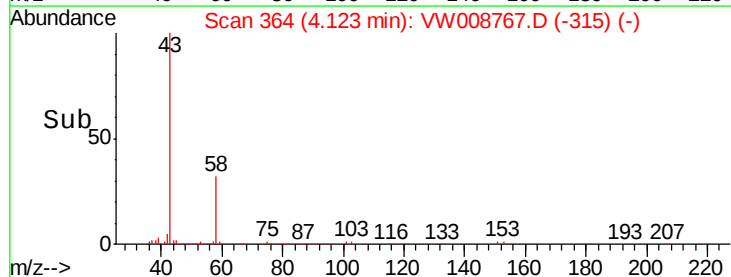
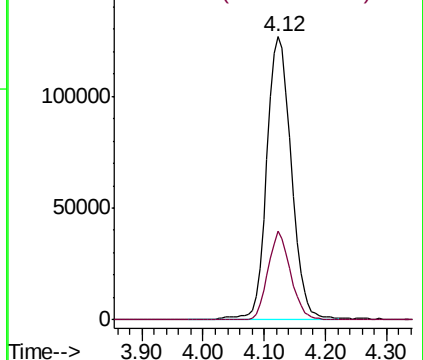
Ion Ratio Lower Upper

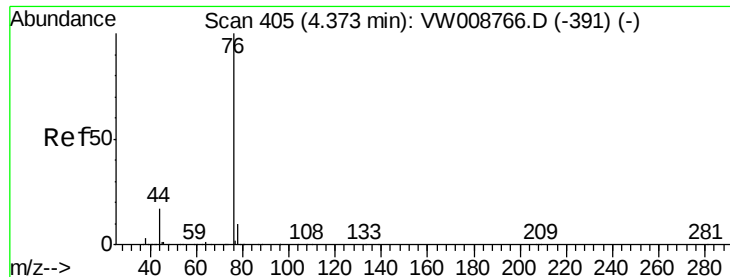
43 100

58 31.3 23.8 35.6



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

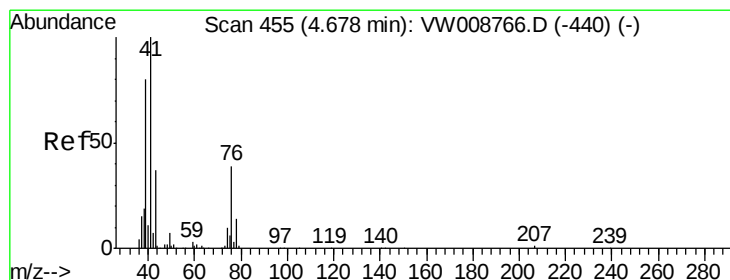
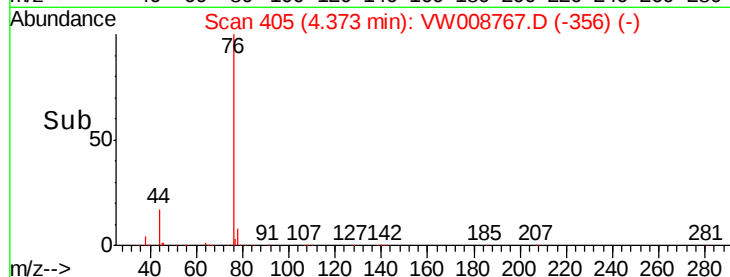
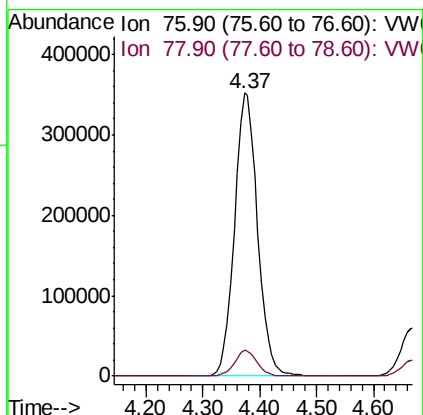
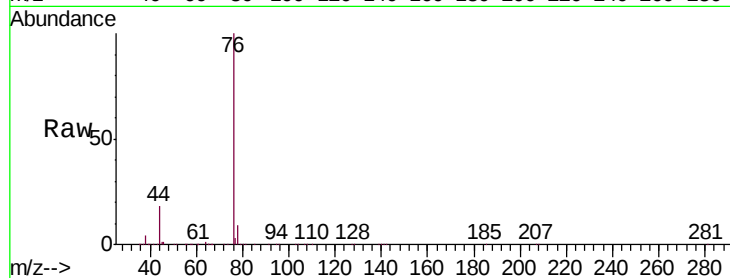




#17
Carbon Disulfide
Concen: 105.819 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

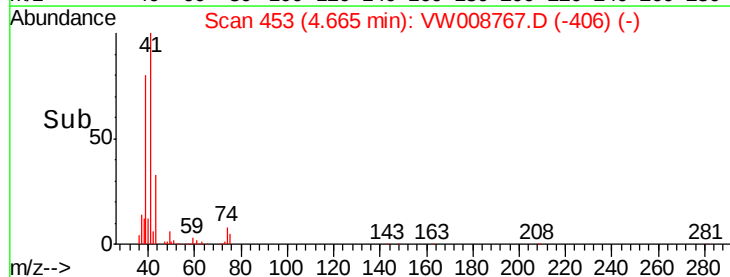
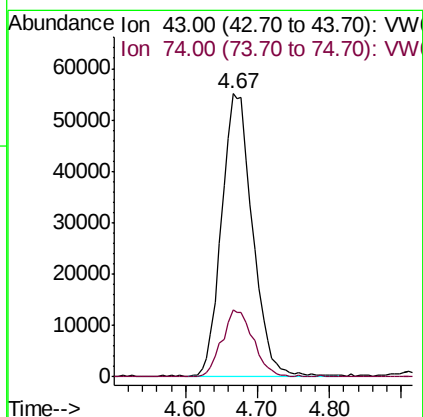
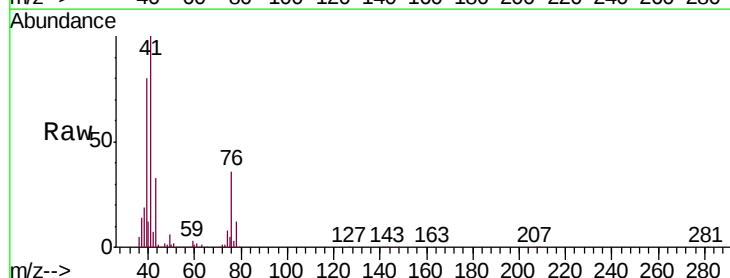
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

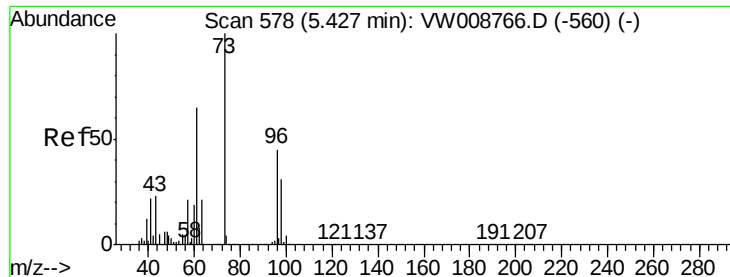
Tgt Ion: 76 Resp: 995795
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8



#18
Methyl Acetate
Concen: 97.964 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 43 Resp: 163636
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2



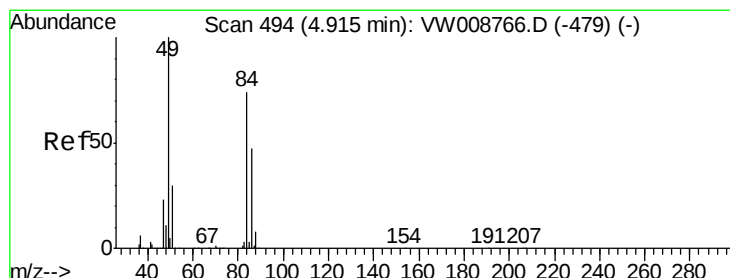
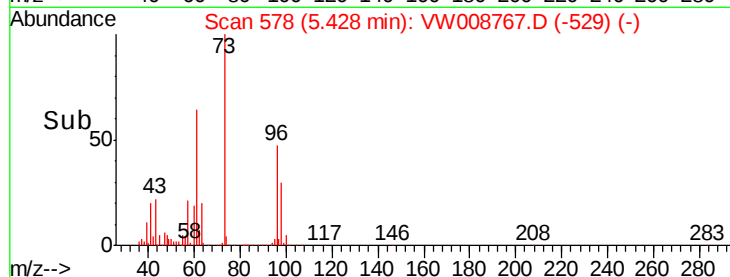
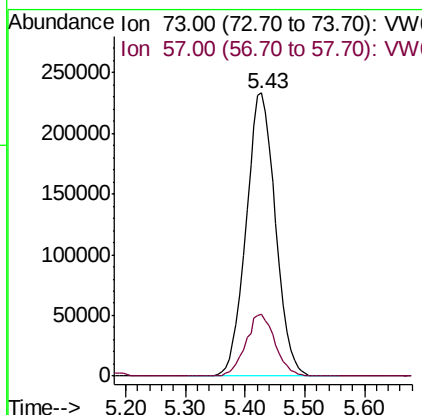
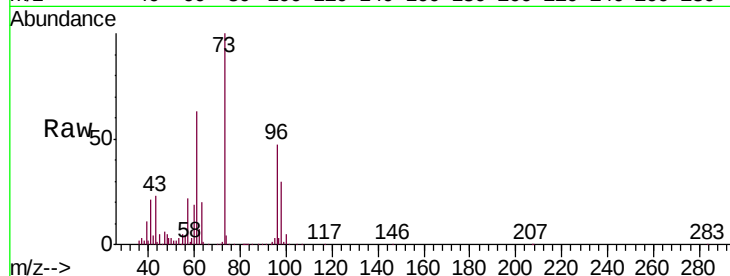


#19

Methyl tert-butyl Ether
 Concen: 103.623 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

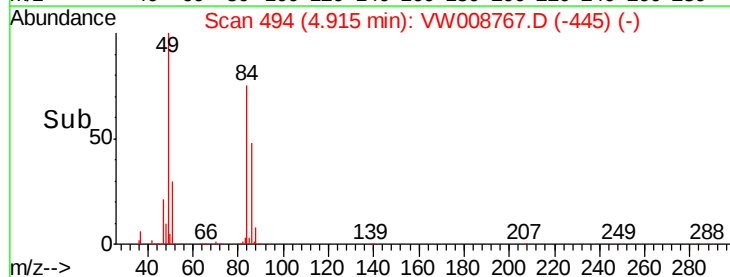
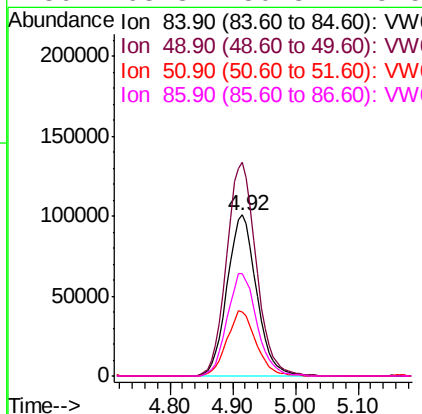
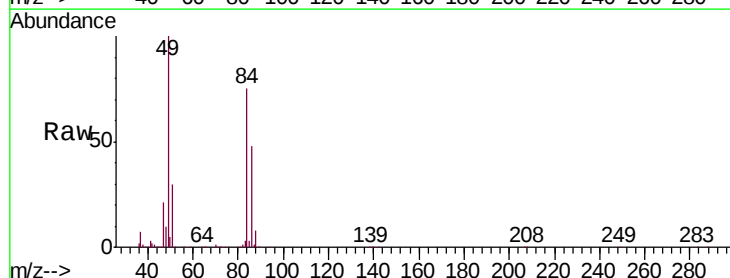
Tgt Ion: 73 Resp: 795502
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.8 25.2

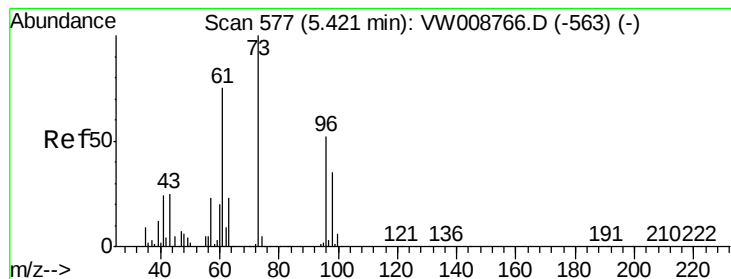


#20

Methylene Chloride
 Concen: 78.862 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion: 84 Resp: 327441
 Ion Ratio Lower Upper
 84 100
 49 132.8 108.2 162.2
 51 39.6 32.7 49.1
 86 63.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 101.904 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

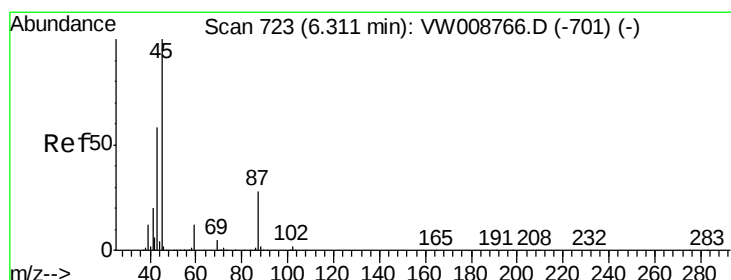
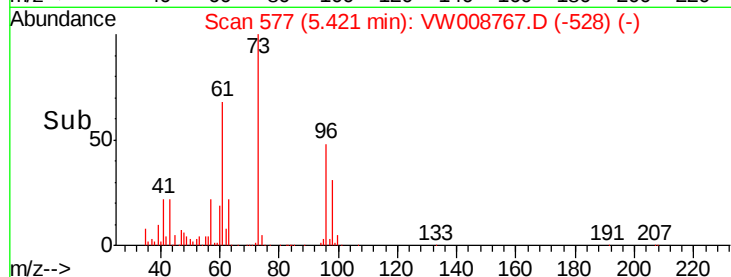
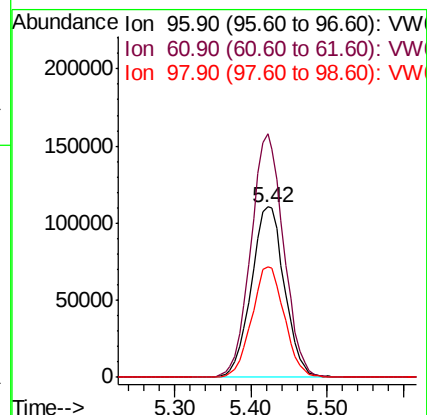
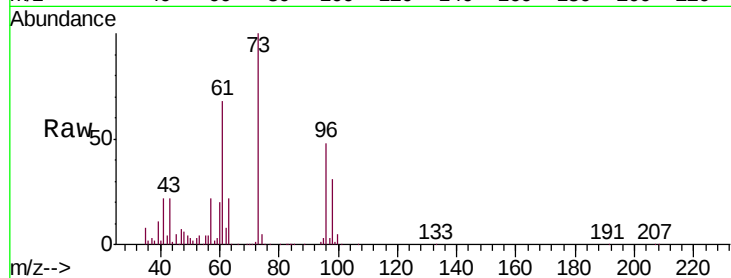
Tgt Ion: 96 Resp: 334327

Ion Ratio Lower Upper

96 100

61 142.7 114.6 171.8

98 65.0 54.0 81.0



#22

Diisopropyl ether

Concen: 103.894 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Tgt Ion: 45 Resp: 1014525

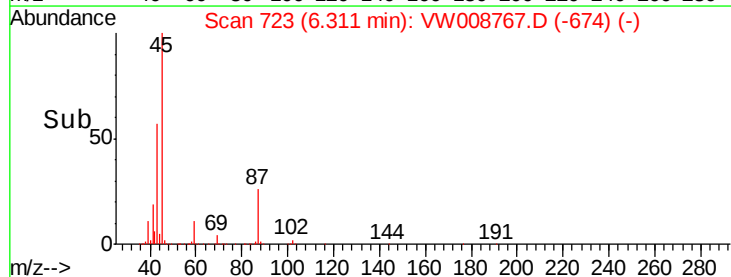
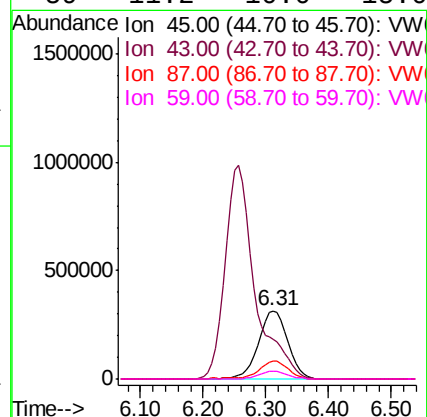
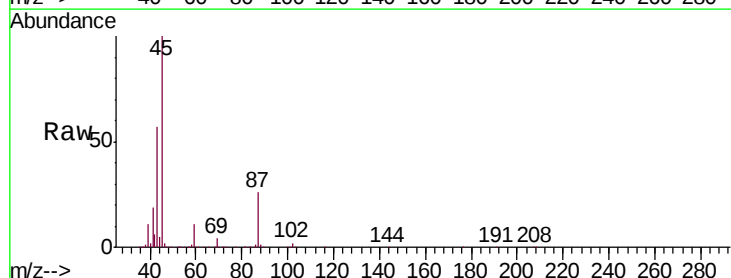
Ion Ratio Lower Upper

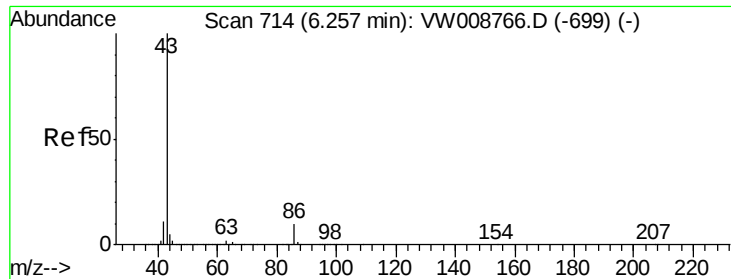
45 100

43 57.3 46.1 69.1

87 26.3 22.2 33.4

59 11.2 10.0 15.0





#23

Vinyl Acetate

Concen: 536.318 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

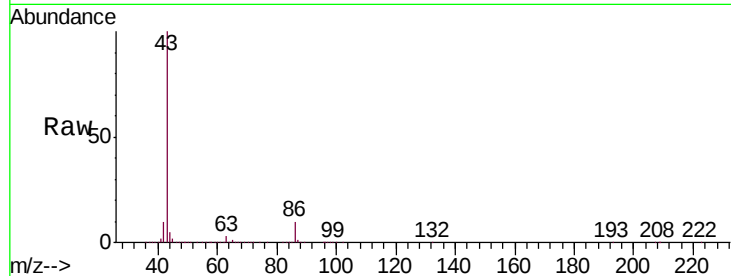
VSTDICC100

Tgt Ion: 43 Resp: 3235775

Ion Ratio Lower Upper

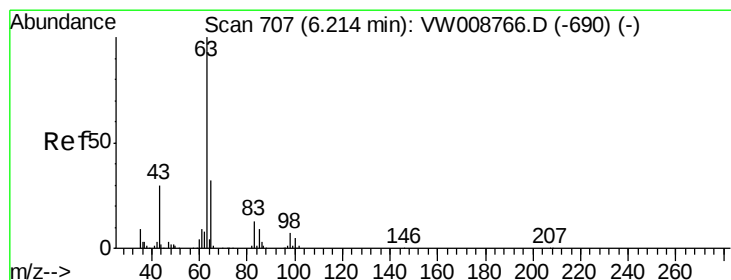
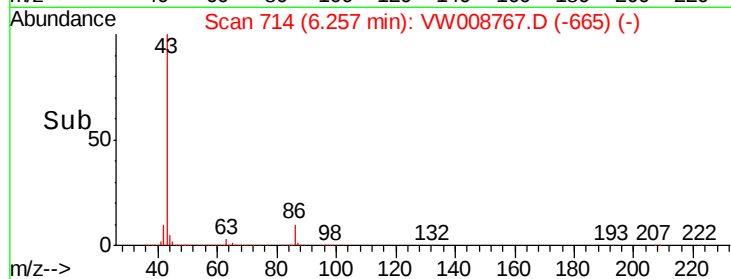
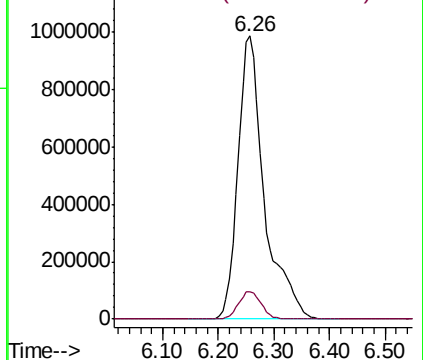
43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 103.134 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

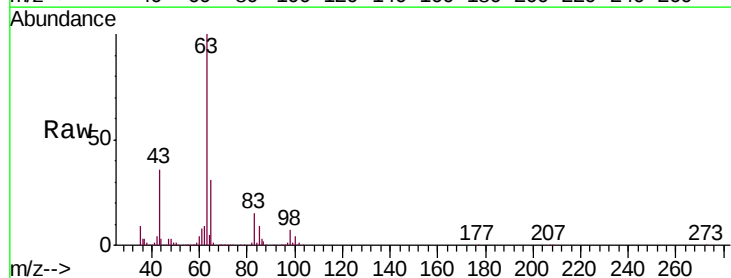
Tgt Ion: 63 Resp: 583587

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

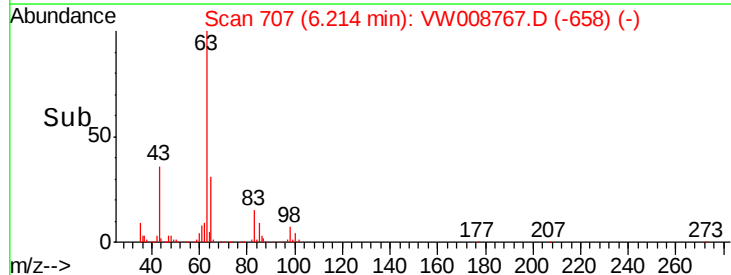
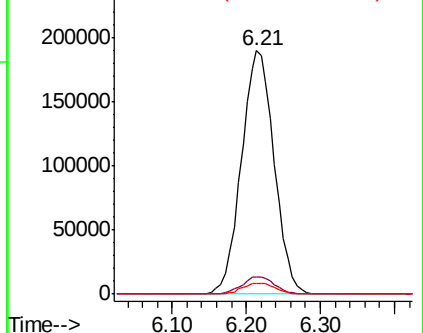
100 4.4 2.4 7.2

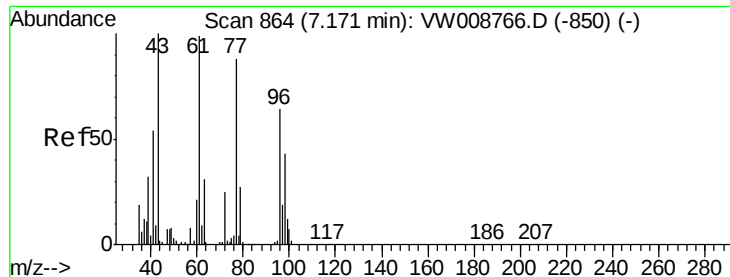


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 521.203 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampled :

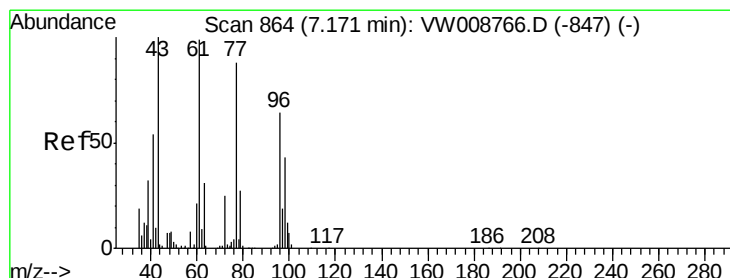
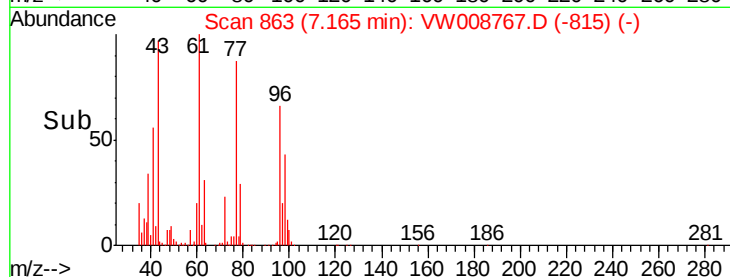
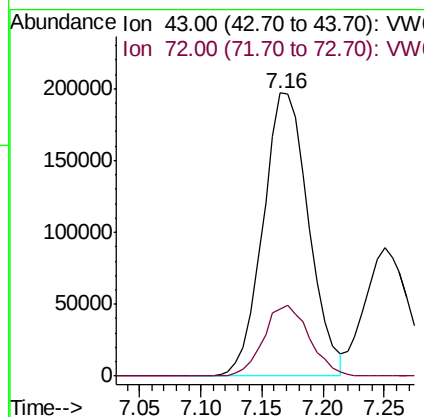
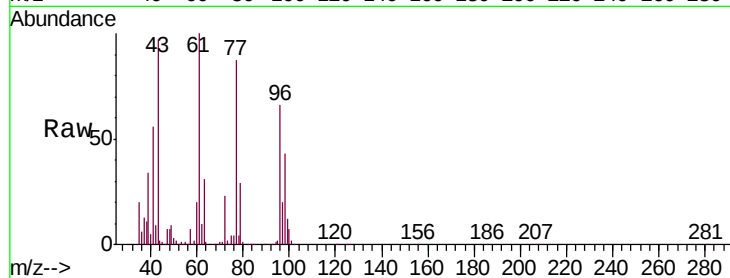
VSTDIC100

Tgt Ion: 43 Resp: 513159

Ion Ratio Lower Upper

43 100

72 23.9 19.7 29.5



#26

2,2-Dichloropropane

Concen: 100.118 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008767.D

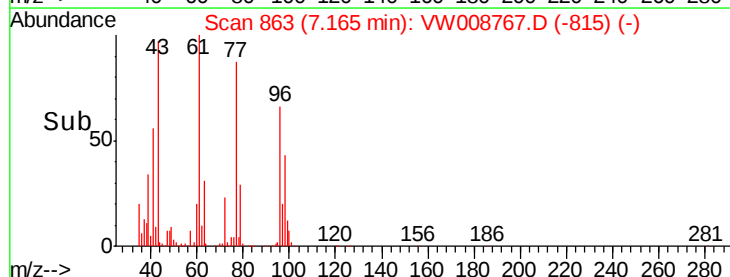
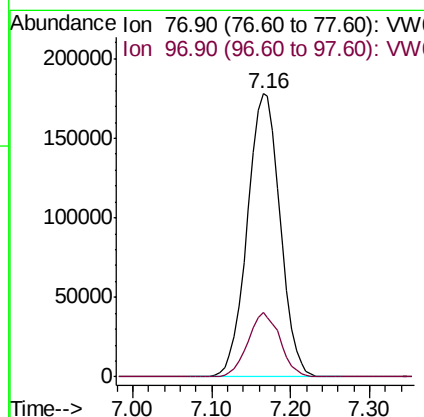
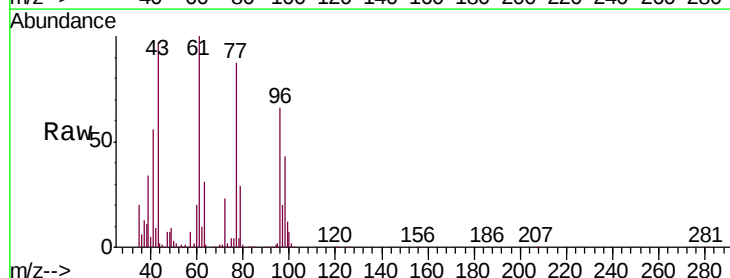
Acq: 21 Feb 2019 12:38

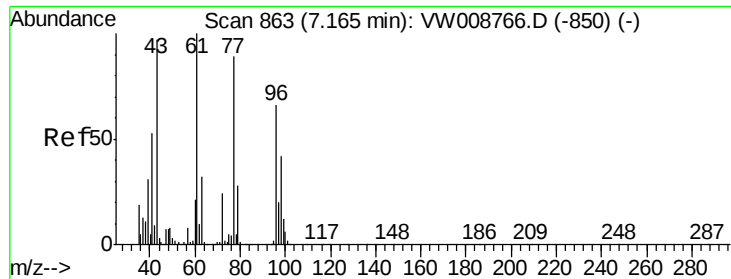
Tgt Ion: 77 Resp: 514335

Ion Ratio Lower Upper

77 100

97 22.2 11.0 33.0



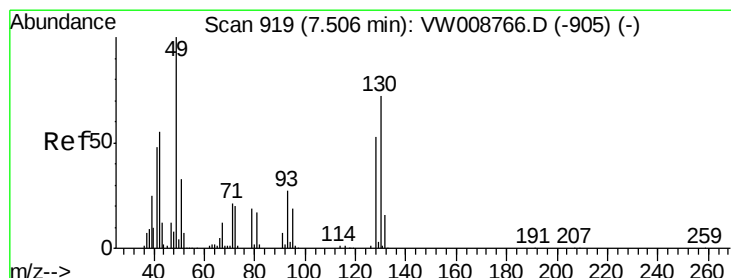
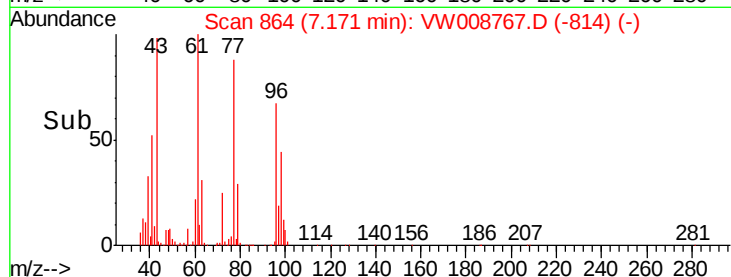
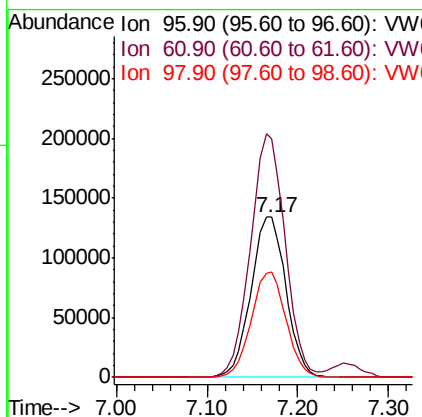
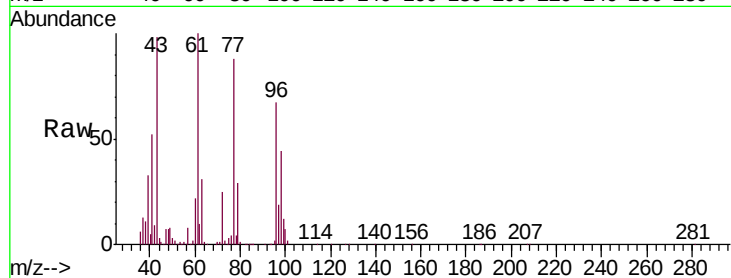


#27

cis-1,2-Dichloroethene
Concen: 101.956 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

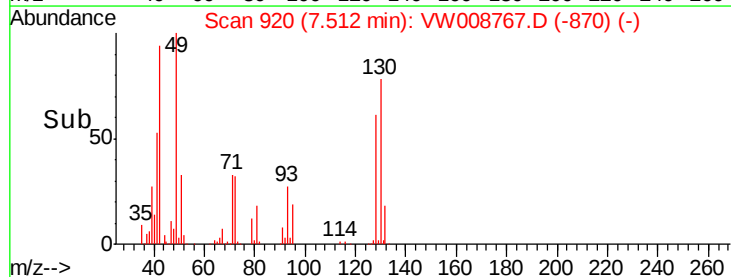
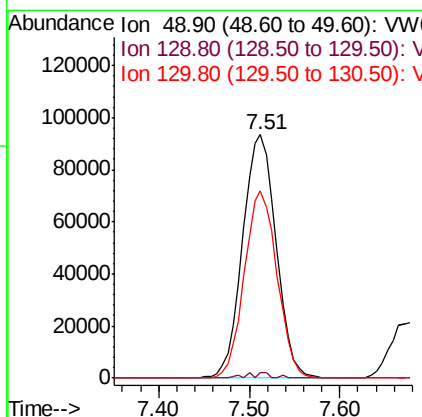
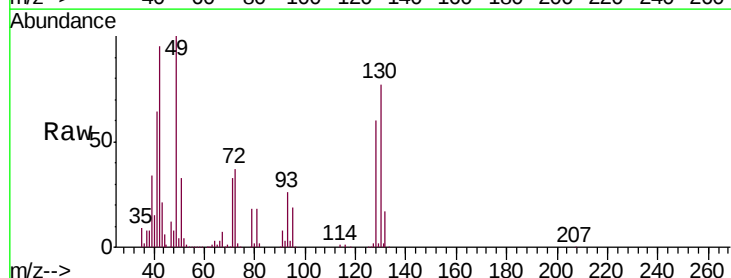
Tgt Ion: 96 Resp: 357813
Ion Ratio Lower Upper
96 100
61 151.1 0.0 302.6
98 65.3 0.0 130.0

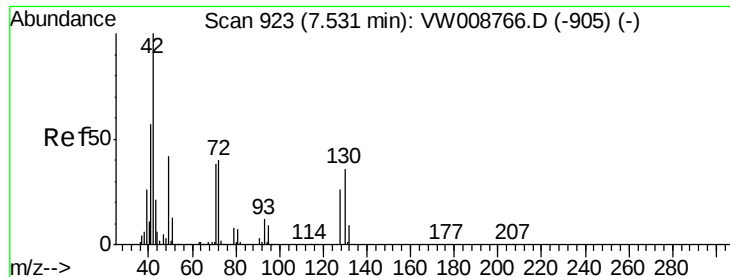


#28

Bromochloromethane
Concen: 101.015 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 49 Resp: 239196
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.6
130 75.3 61.3 91.9

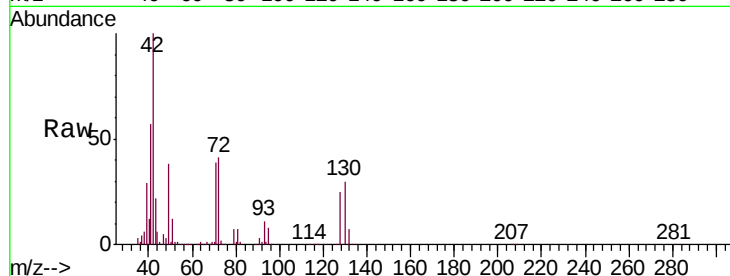




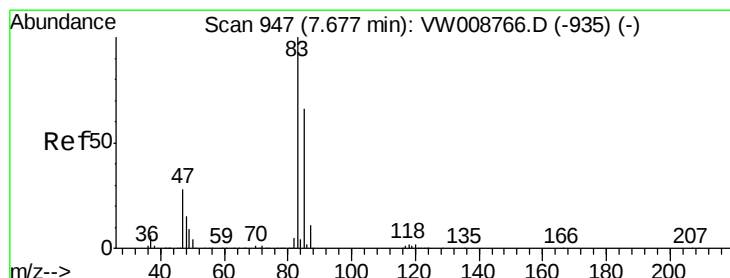
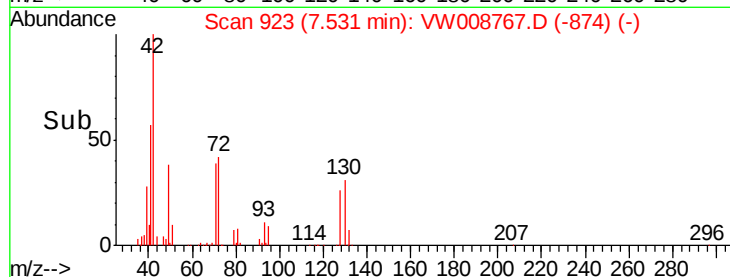
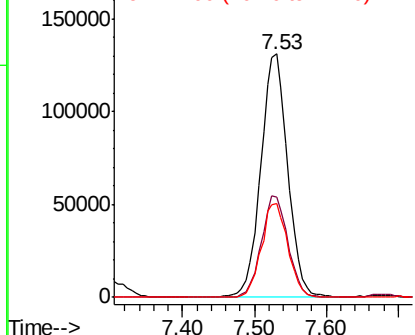
#29
Tetrahydrofuran
Concen: 540.197 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 338939
Ion Ratio Lower Upper
42 100
72 41.3 32.7 49.1
71 38.2 31.3 46.9

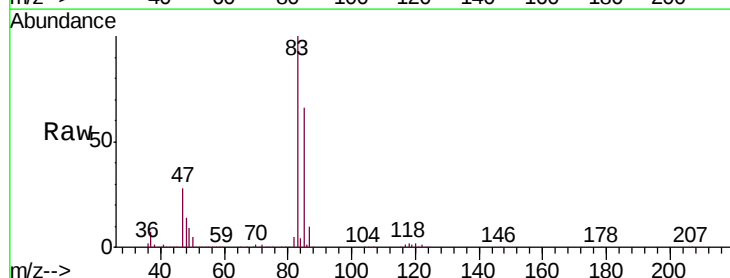


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

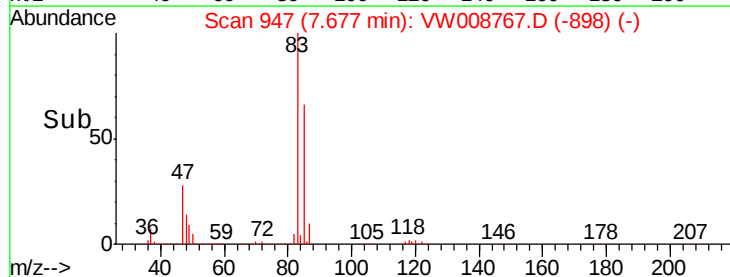
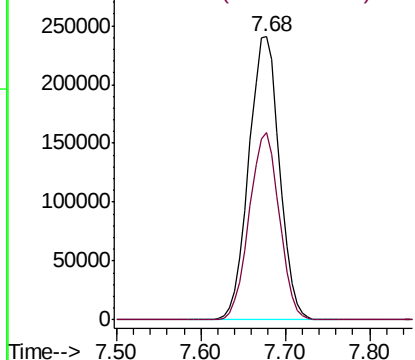


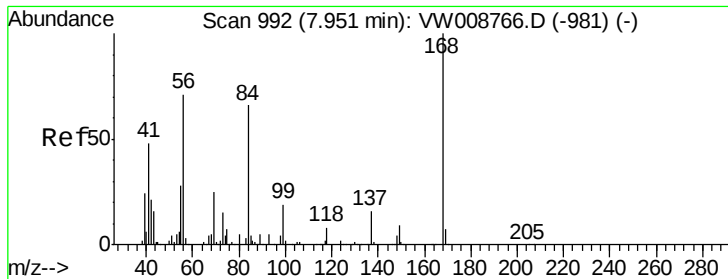
#30
Chloroform
Concen: 102.285 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 83 Resp: 593763
Ion Ratio Lower Upper
83 100
85 66.1 52.6 79.0



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

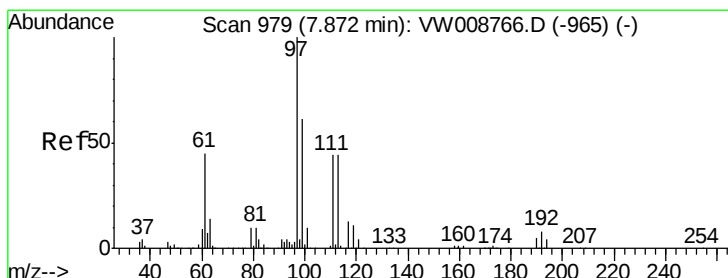
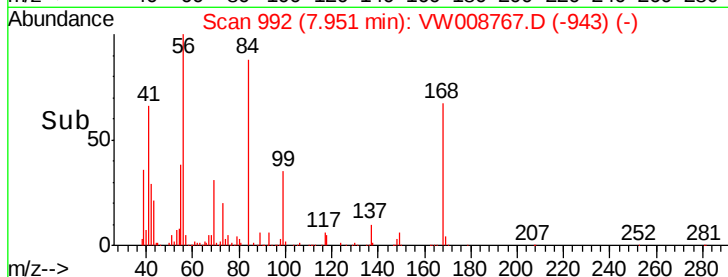
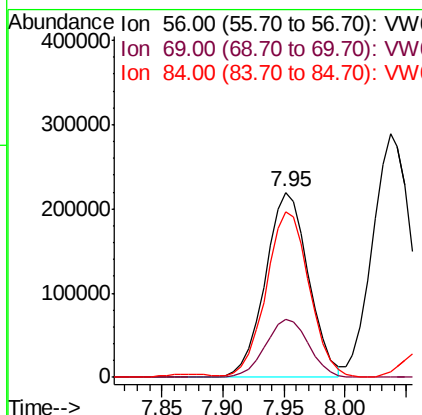
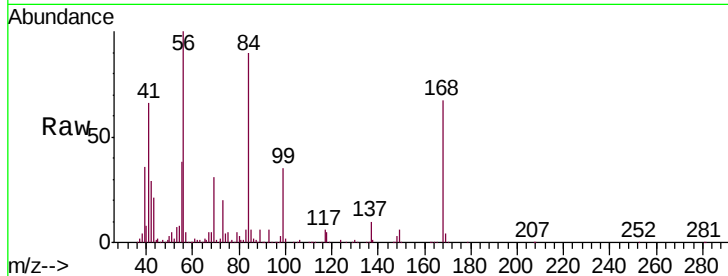




#31
Cyclohexane
Concen: 94.121 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

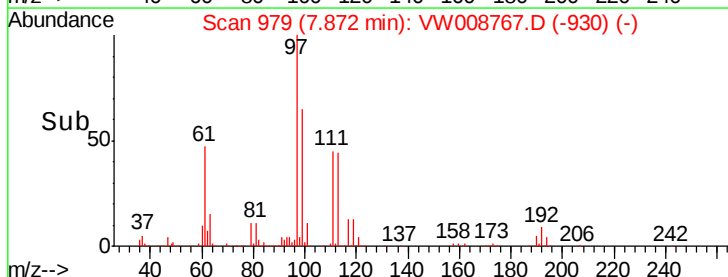
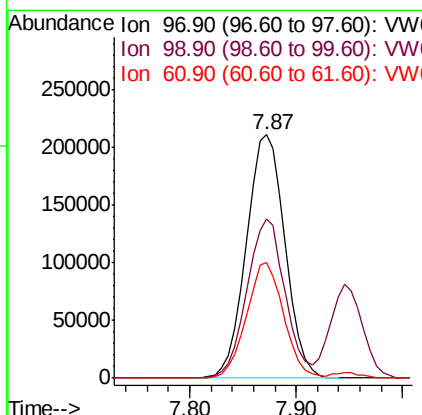
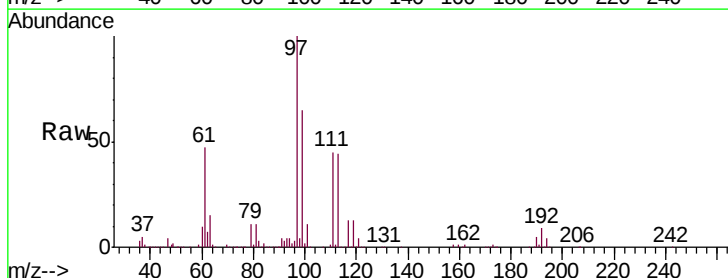
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

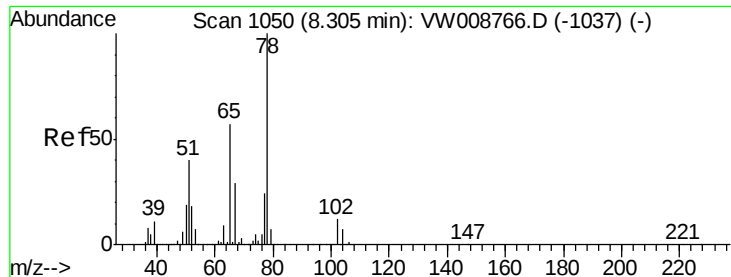
Tgt Ion: 56 Resp: 539103
Ion Ratio Lower Upper
56 100
69 31.3 28.2 42.4
84 88.0 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 101.678 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 97 Resp: 536769
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 45.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 100.674 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

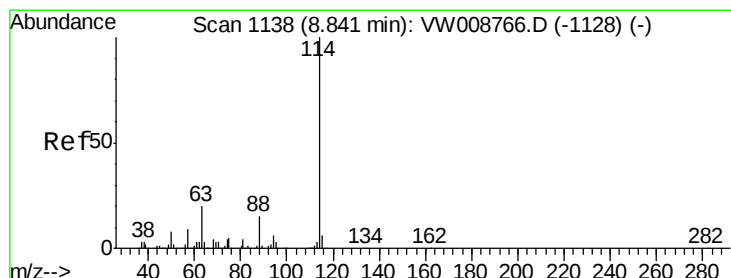
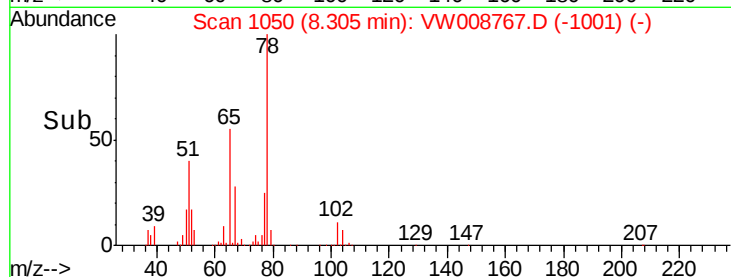
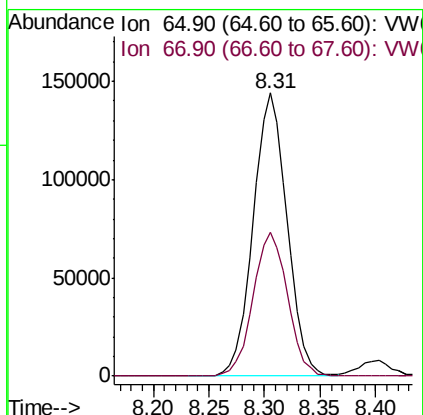
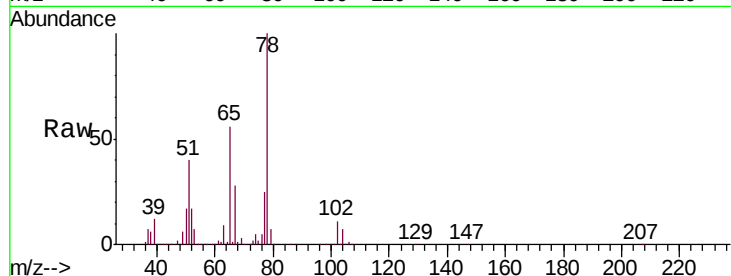
VSTDIC100

Tgt Ion: 65 Resp: 305871

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

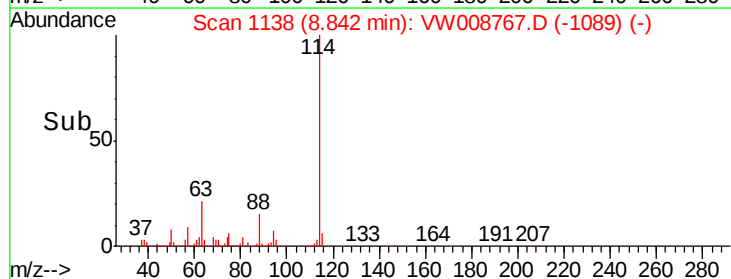
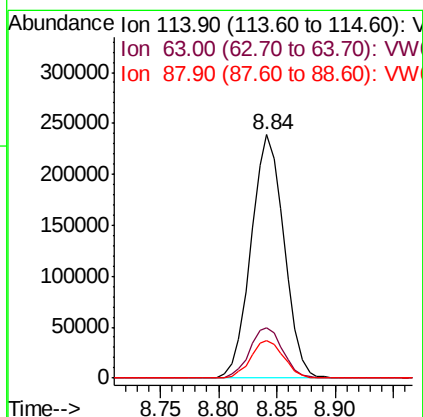
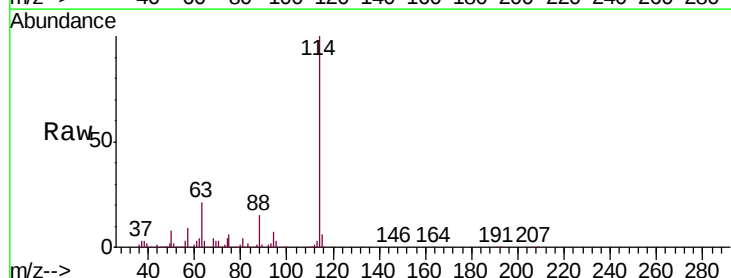
Tgt Ion: 114 Resp: 472250

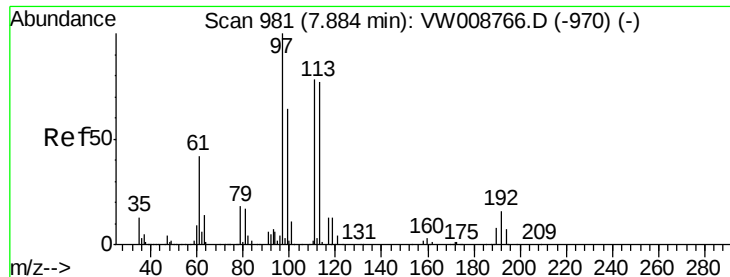
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 100.744 ug/l

RT: 7.88 min Scan# 981

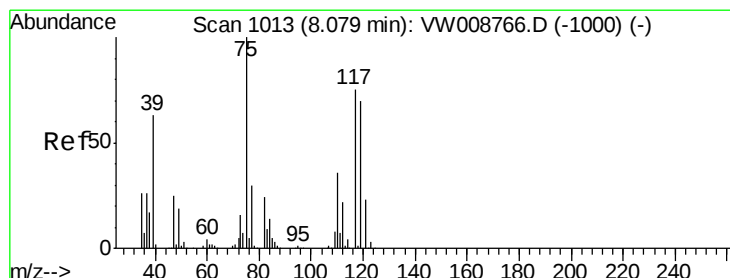
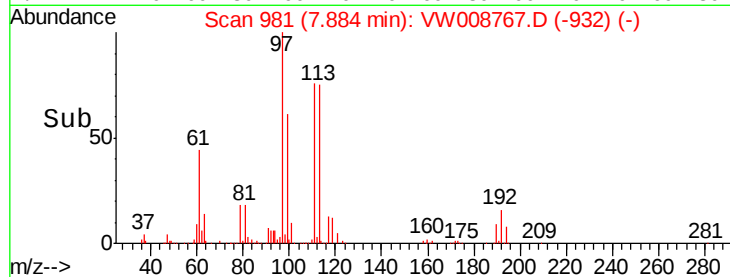
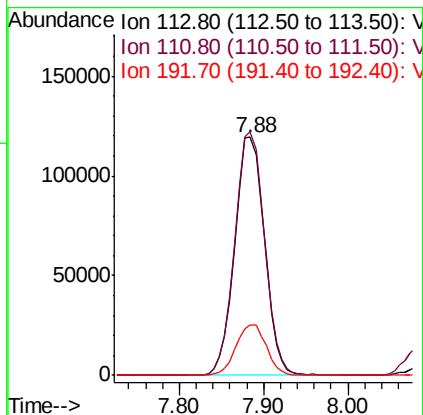
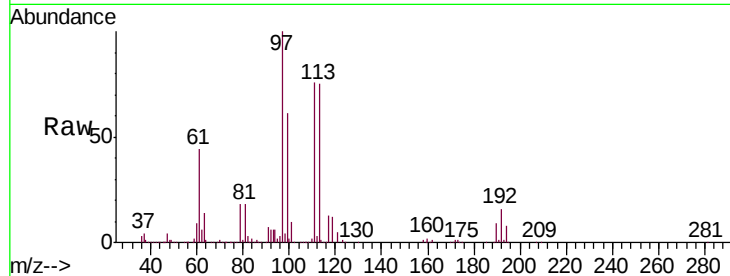
Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	113	Resp:	285653
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	21.6	17.1	25.7



#36

1,1-Dichloropropene

Concen: 99.218 ug/l

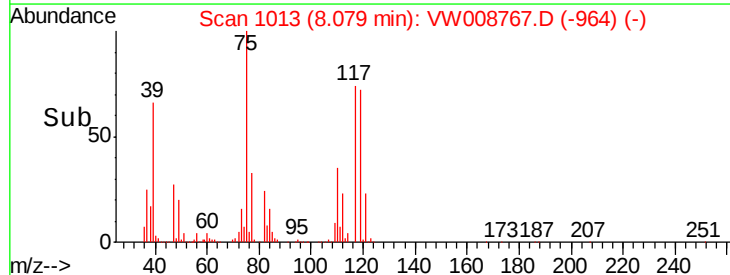
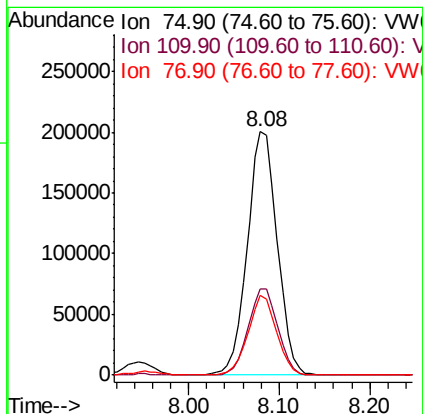
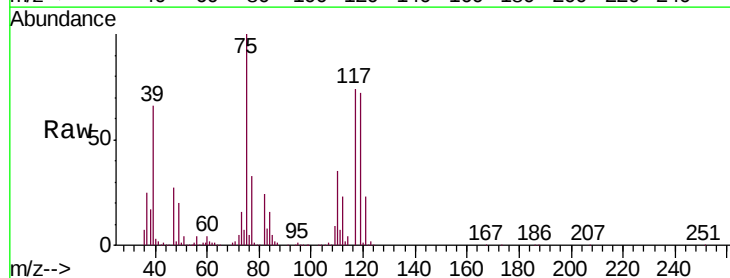
RT: 8.08 min Scan# 1013

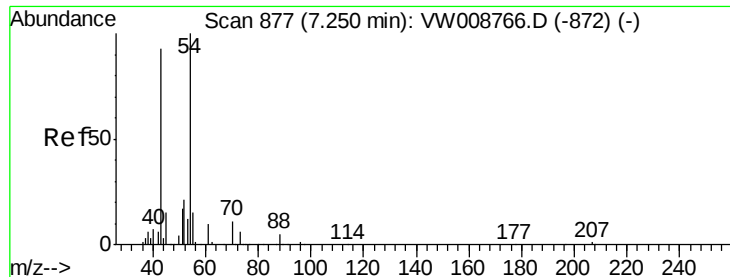
Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Tgt Ion:	75	Resp:	456109
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.5	52.6
77	31.3	24.5	36.7

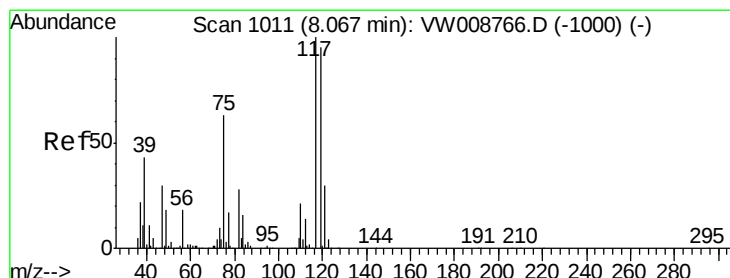
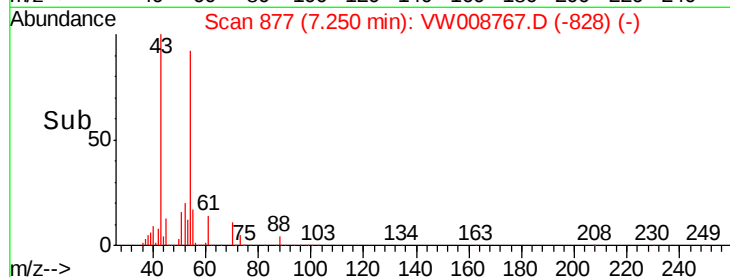
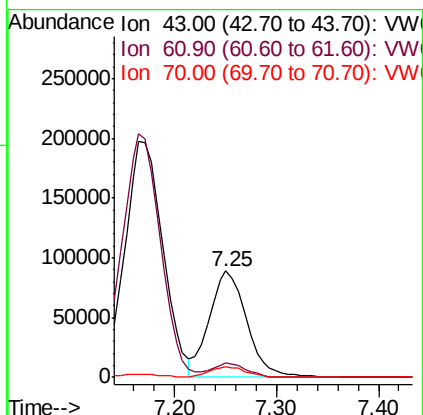
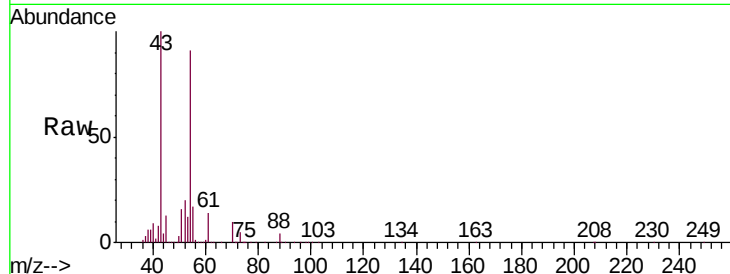




#37
 Ethyl Acetate
 Concen: 105.839 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

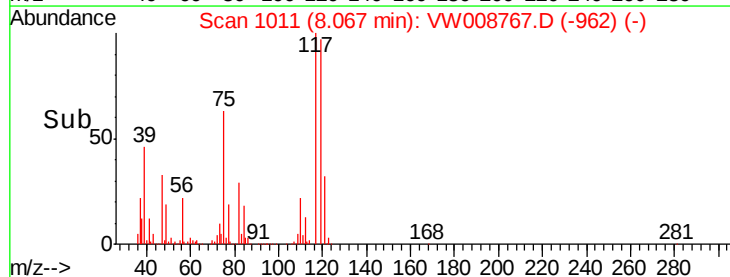
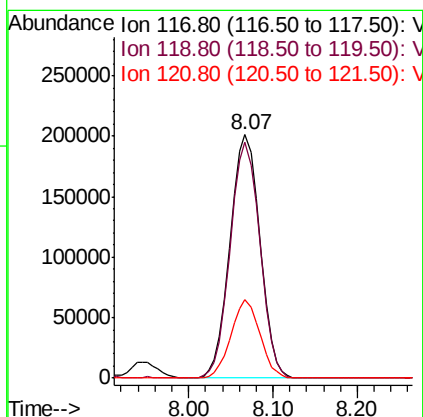
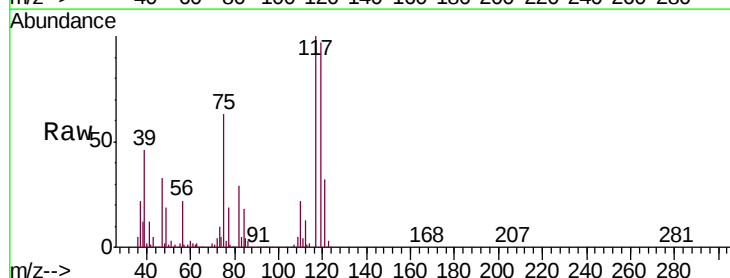
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

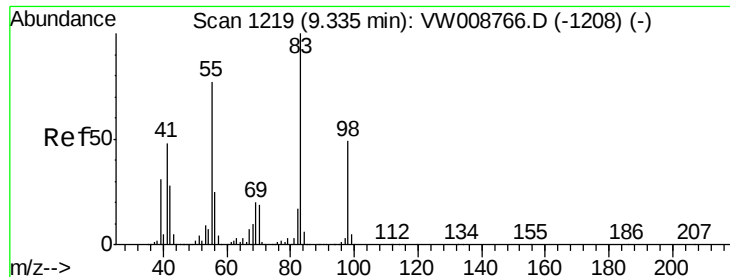
Tgt Ion: 43 Resp: 226256
 Ion Ratio Lower Upper
 43 100
 61 12.4 9.8 14.8
 70 9.7 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 99.868 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion: 117 Resp: 484167
 Ion Ratio Lower Upper
 117 100
 119 96.7 76.1 114.1
 121 32.2 24.0 36.0

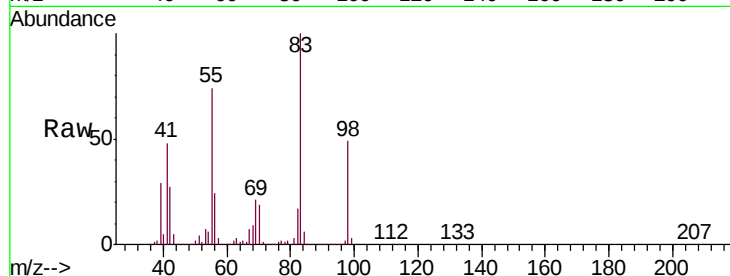




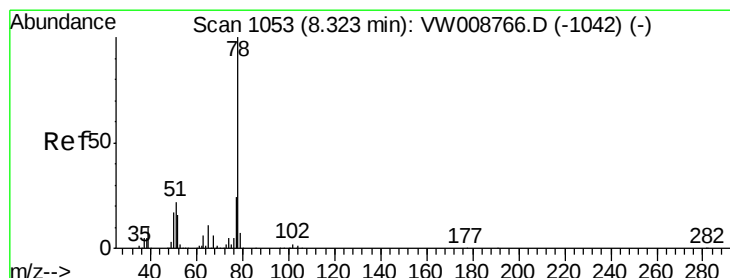
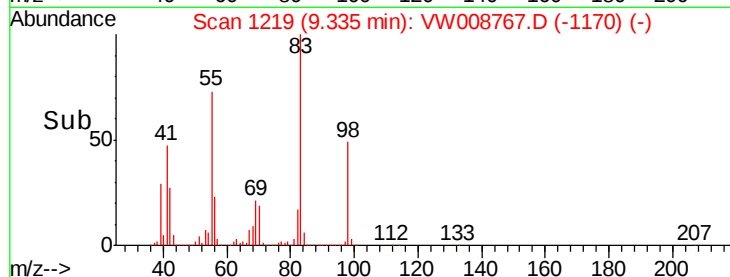
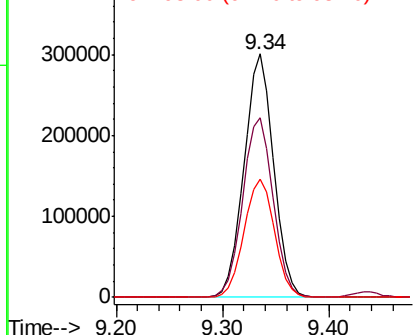
#39
Methylcyclohexane
Concen: 102.272 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 586427
Ion Ratio Lower Upper
83 100
55 73.5 61.2 91.8
98 48.7 39.4 59.2

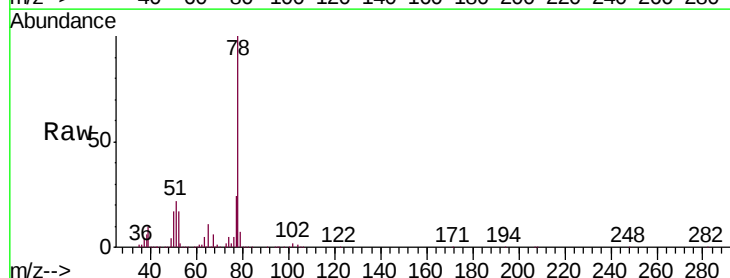


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

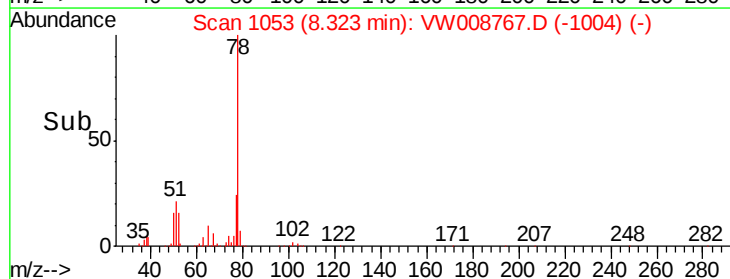
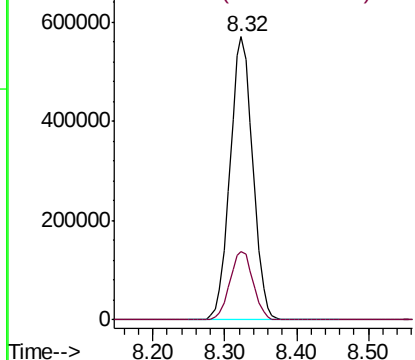


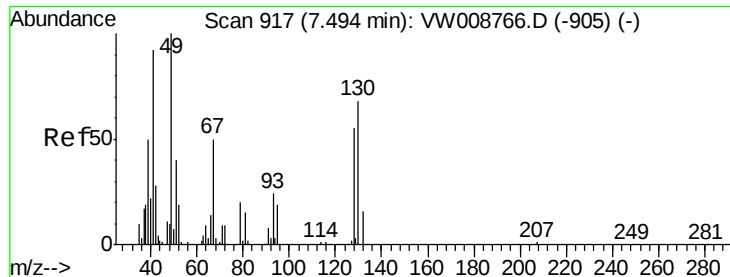
#40
Benzene
Concen: 99.703 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 78 Resp: 1251412
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

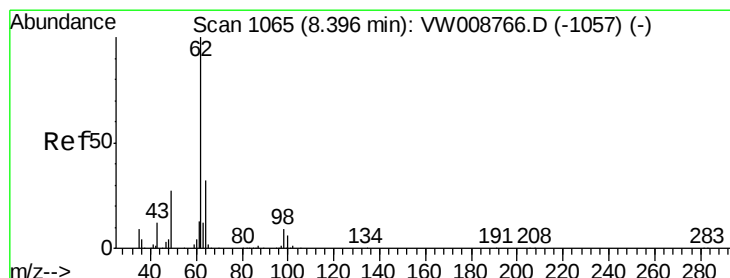
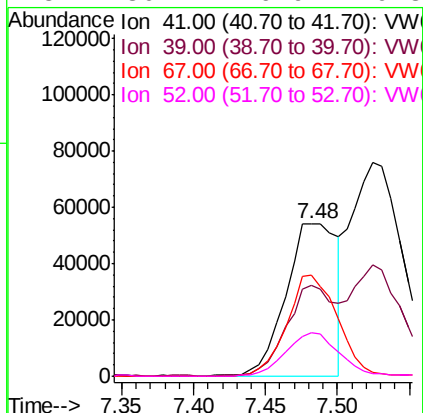
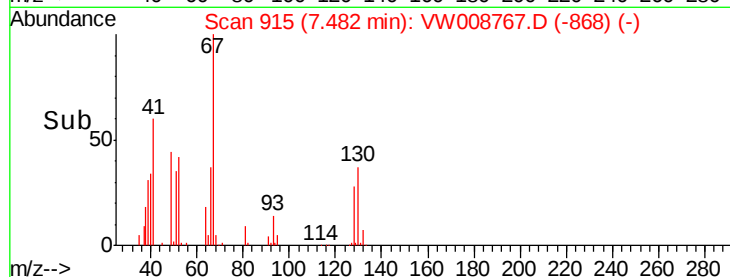
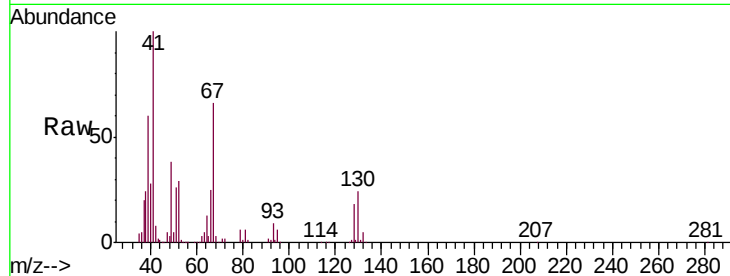




#41
Methacrylonitrile
Concen: 106.736 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

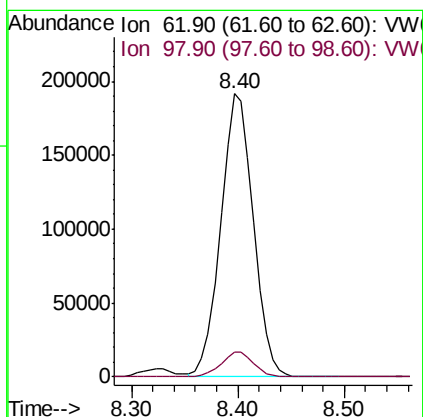
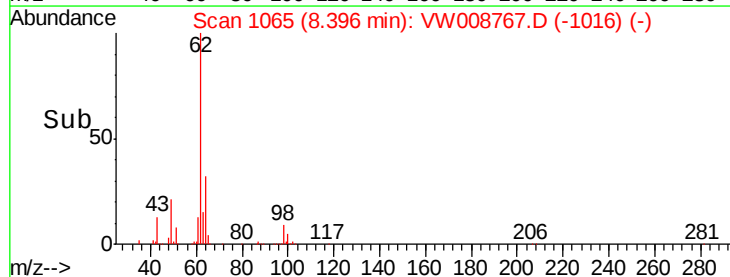
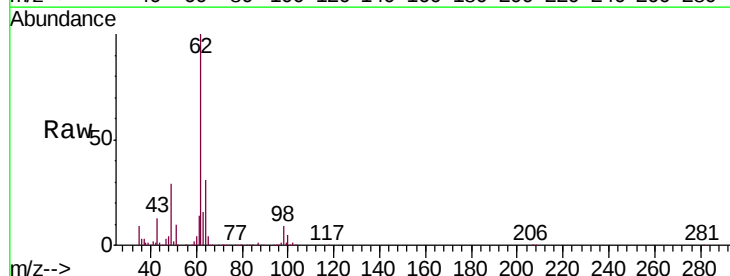
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

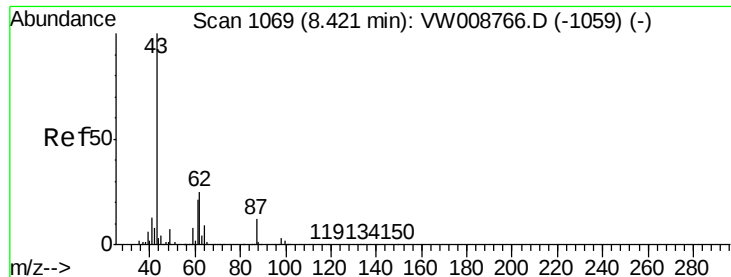
Tgt Ion:	41	Resp:	134122
Ion	Ratio	Lower	Upper
41	100		
39	56.1	52.5	78.7
67	66.0	55.0	82.6
52	30.4	26.9	40.3



#42
1,2-Dichloroethane
Concen: 102.706 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion:	62	Resp:	408359
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 104.727 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

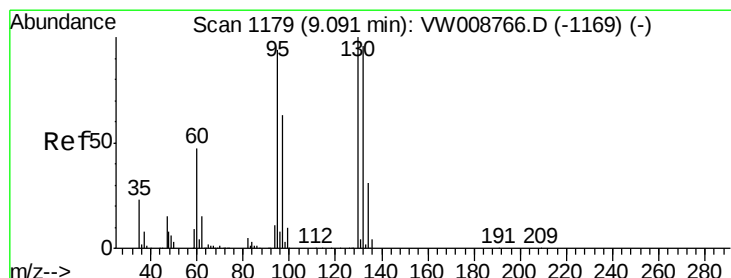
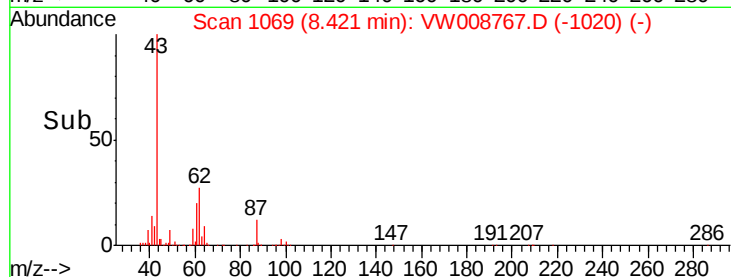
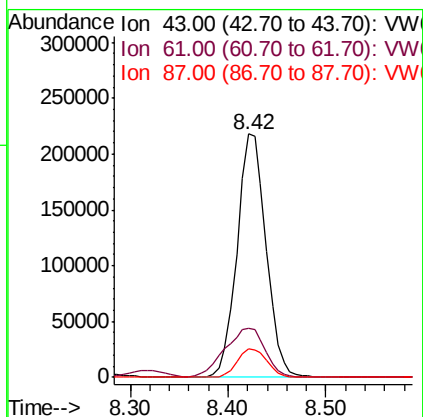
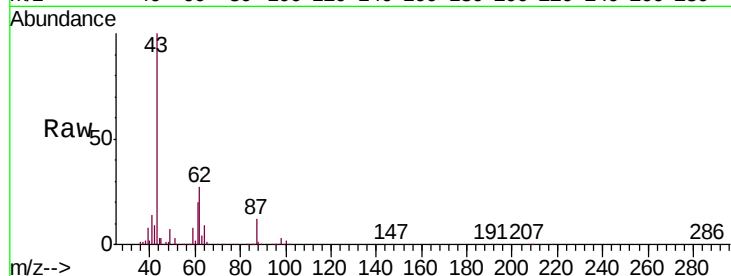
Tgt Ion: 43 Resp: 446821

Ion Ratio Lower Upper

43 100

61 28.2 23.2 34.8

87 12.3 9.9 14.9



#44

Trichloroethene

Concen: 99.169 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008767.D

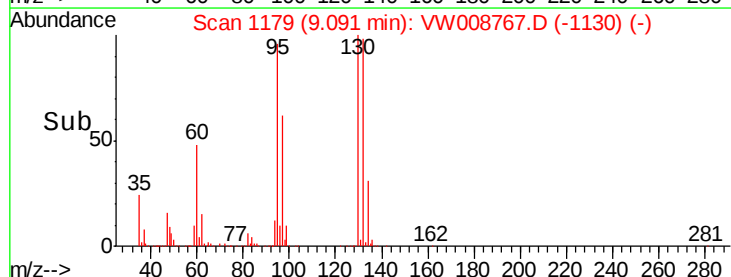
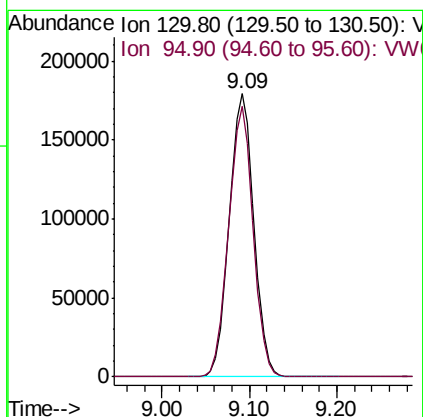
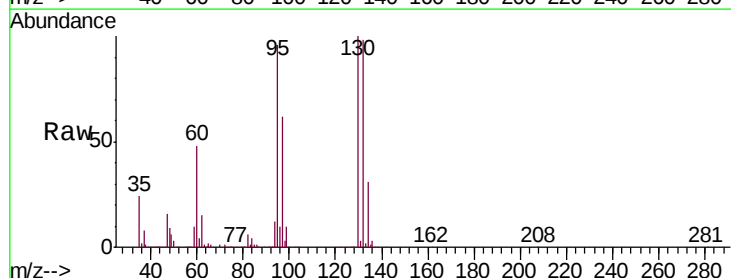
Acq: 21 Feb 2019 12:38

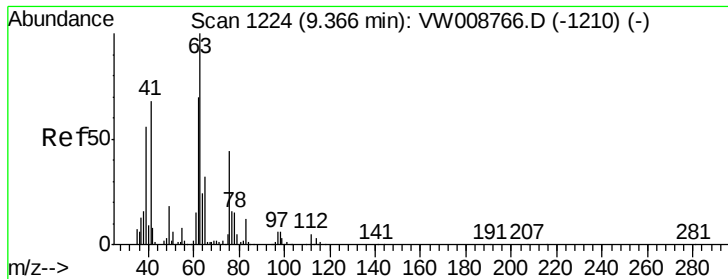
Tgt Ion: 130 Resp: 350644

Ion Ratio Lower Upper

130 100

95 95.6 0.0 188.6

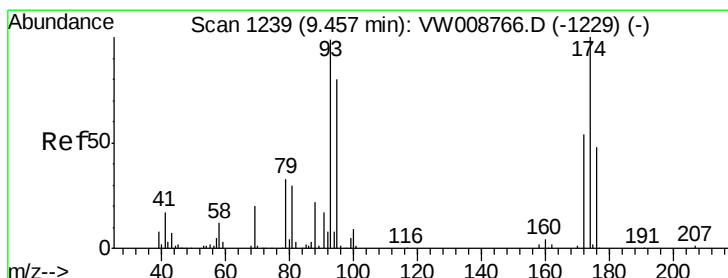
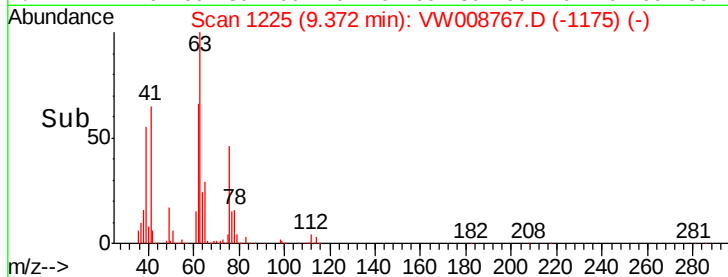
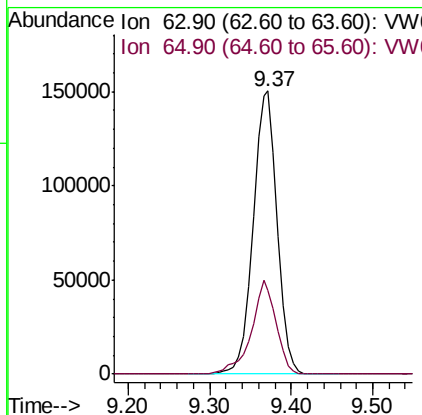
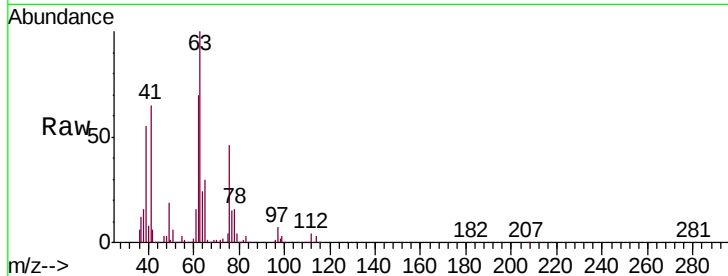




#45
 1,2-Dichloropropane
 Concen: 99.497 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

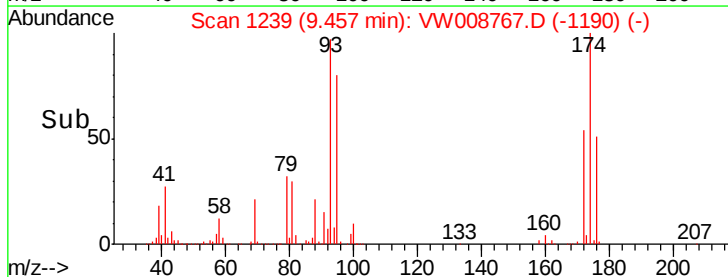
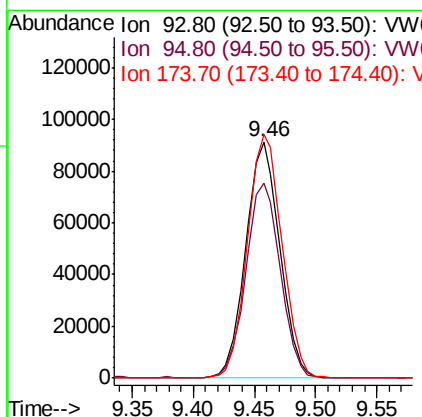
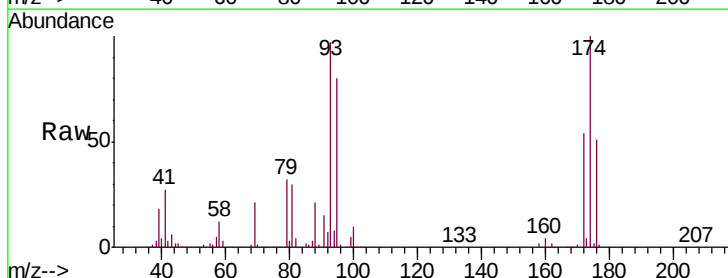
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

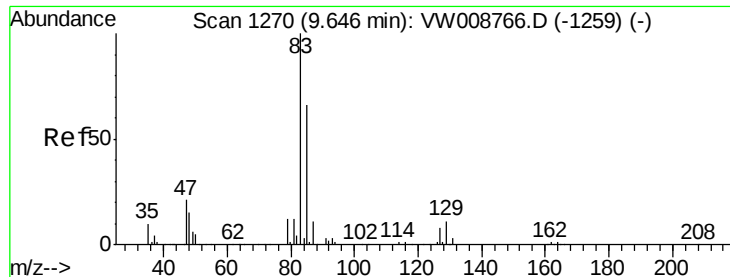
Tgt Ion: 63 Resp: 308604
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.5 38.3



#46
 Dibromomethane
 Concen: 102.495 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion: 93 Resp: 176829
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.7 101.5
 174 105.2 86.7 130.1





#47

Bromodichloromethane

Concen: 103.052 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

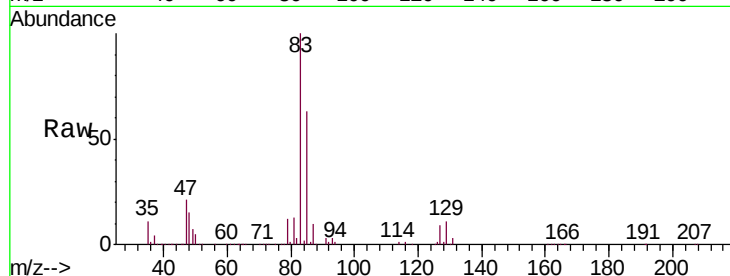
Tgt Ion: 83 Resp: 432567

Ion Ratio Lower Upper

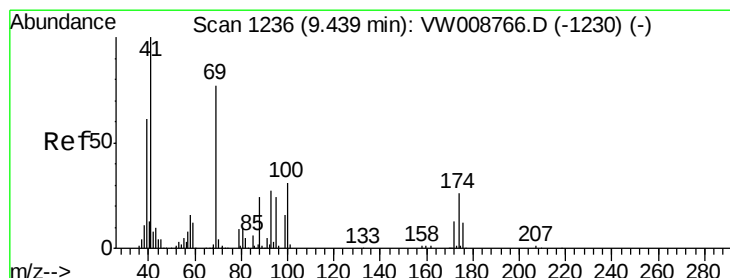
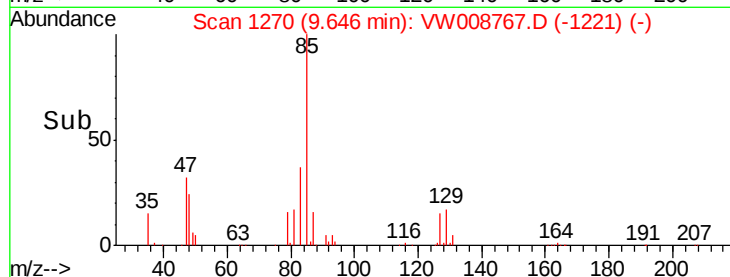
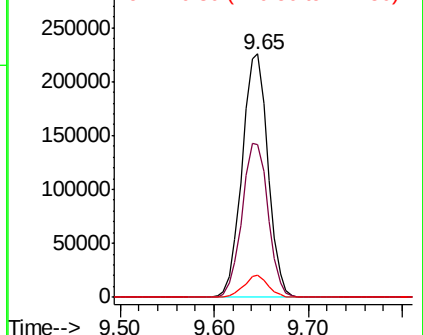
83 100

85 62.7 52.5 78.7

127 9.3 6.7 10.1



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



#48

Methyl methacrylate

Concen: 108.925 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

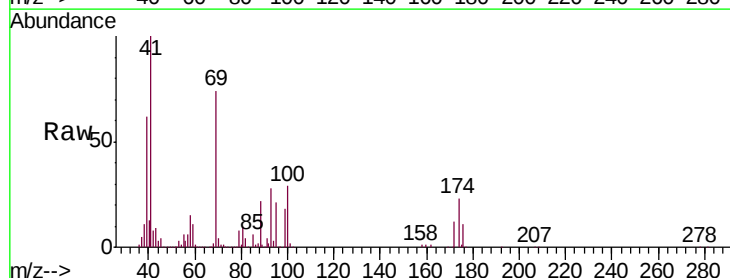
Tgt Ion: 41 Resp: 222578

Ion Ratio Lower Upper

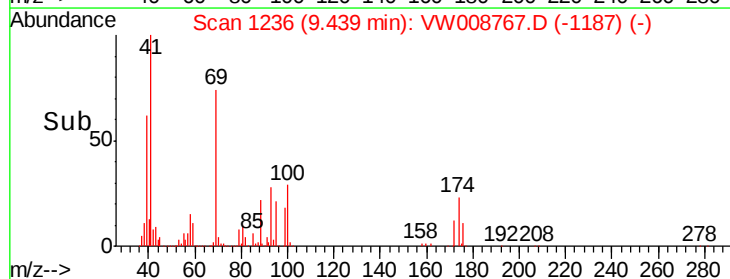
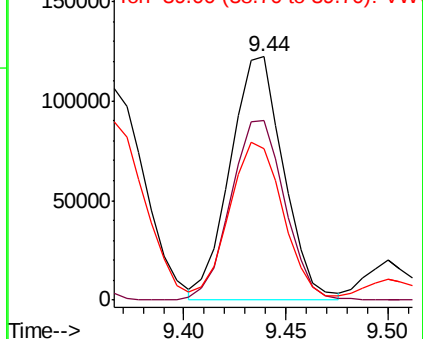
41 100

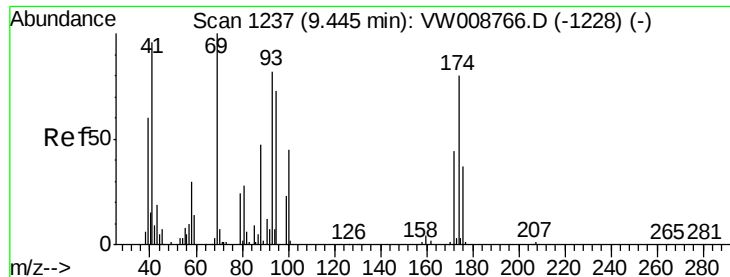
69 74.7 63.6 95.4

39 61.6 52.1 78.1



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

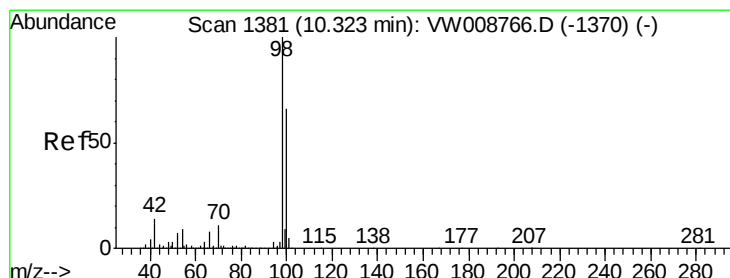
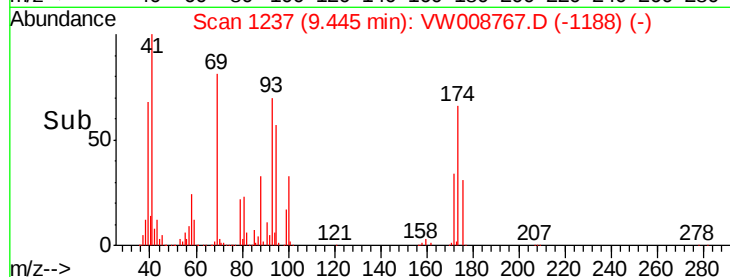
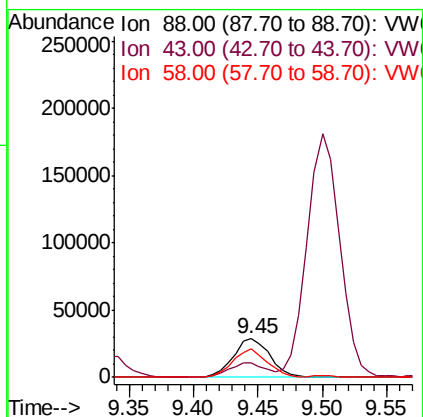
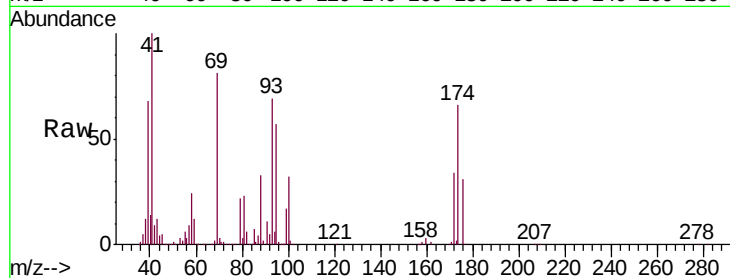




#49
1,4-Dioxane
Concen: 2078.856 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

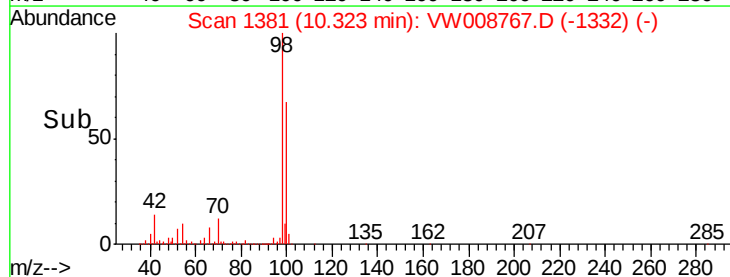
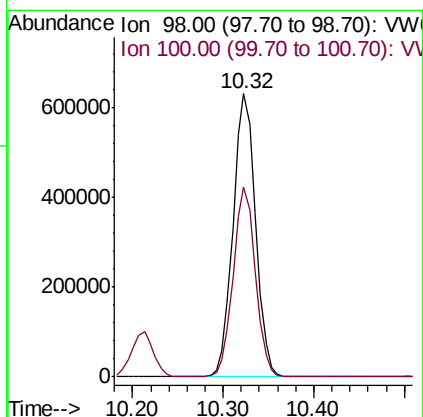
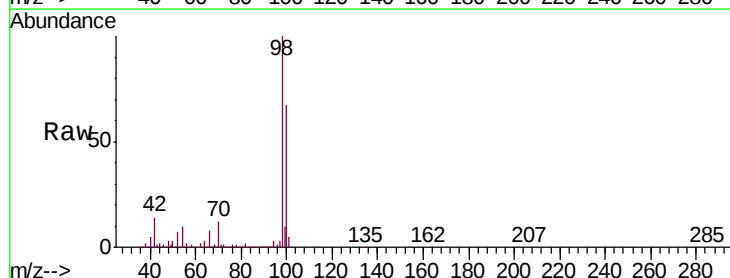
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

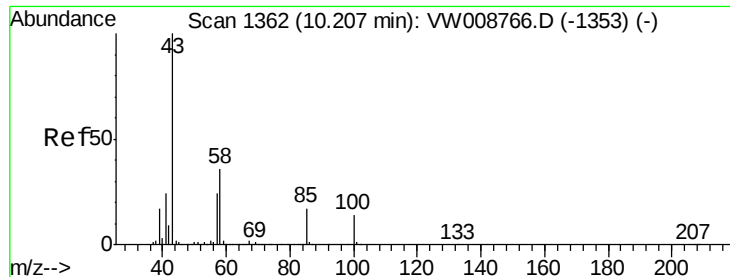
Tgt Ion: 88 Resp: 57435
Ion Ratio Lower Upper
88 100
43 36.0 29.0 43.4
58 68.6 52.0 78.0



#50
Toluene-d8
Concen: 99.286 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 98 Resp: 1086747
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 522.030 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

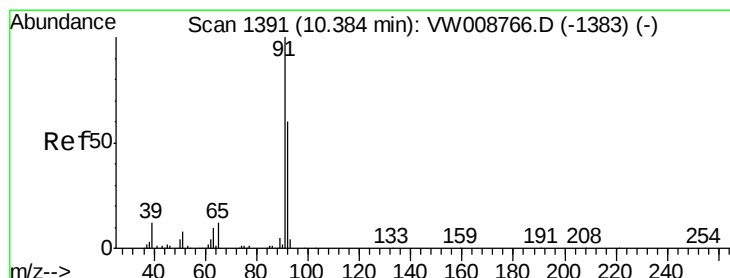
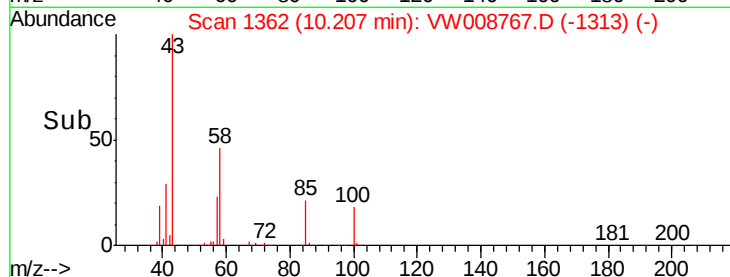
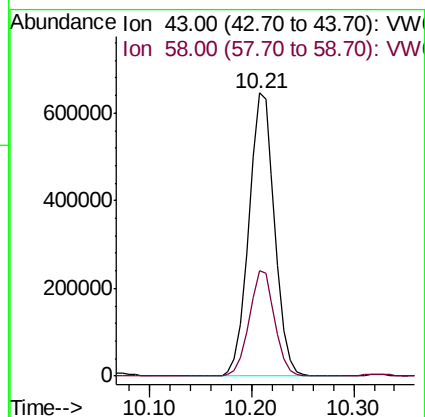
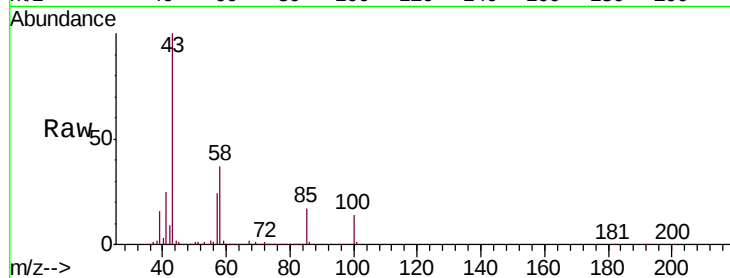
VSTDIC100

Tgt Ion: 43 Resp: 1130769

Ion Ratio Lower Upper

43 100

58 36.8 29.1 43.7



#52

Toluene

Concen: 99.567 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008767.D

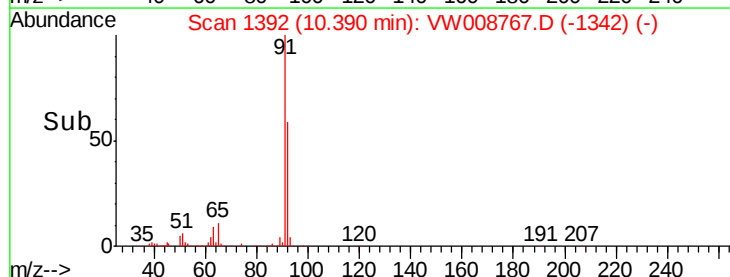
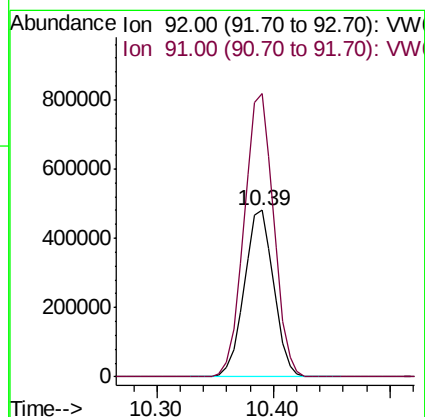
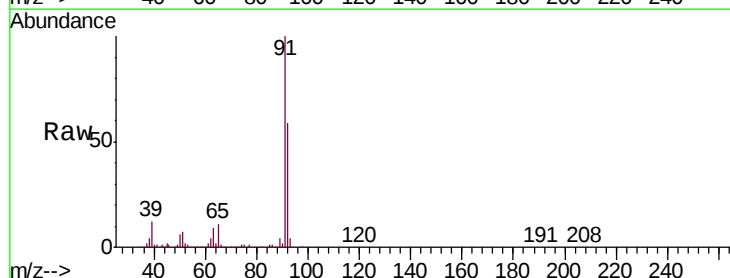
Acq: 21 Feb 2019 12:38

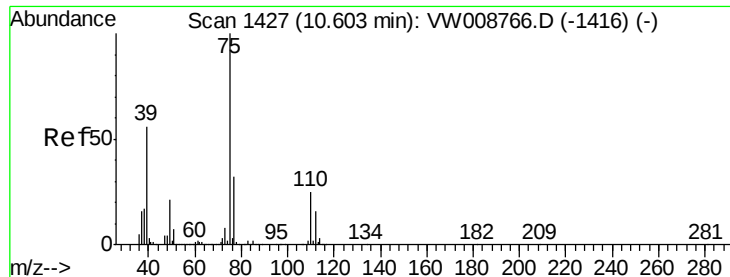
Tgt Ion: 92 Resp: 848138

Ion Ratio Lower Upper

92 100

91 171.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 105.923 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

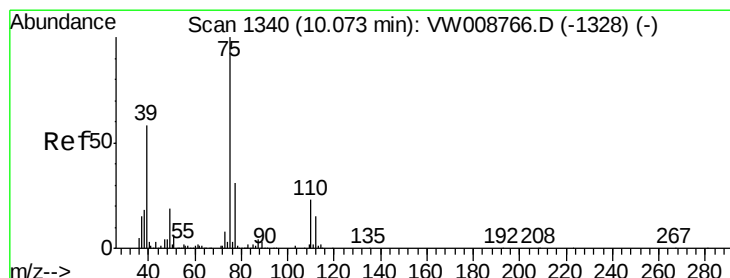
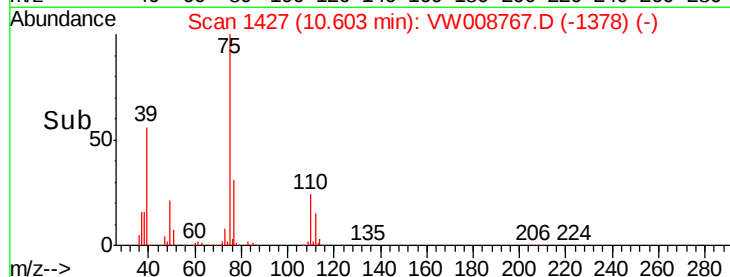
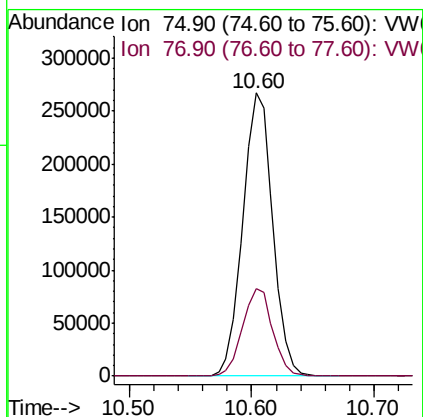
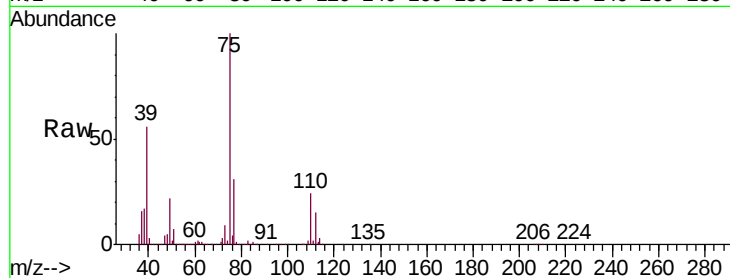
VSTDIC100

Tgt Ion: 75 Resp: 453182

Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 104.666 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

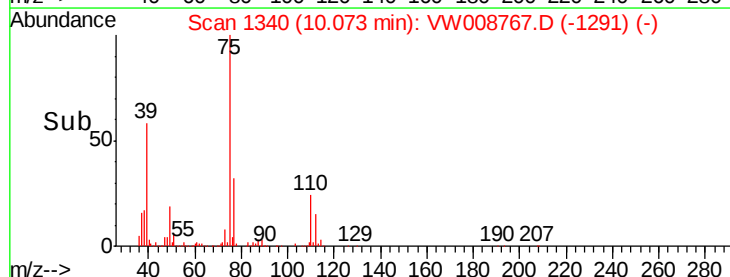
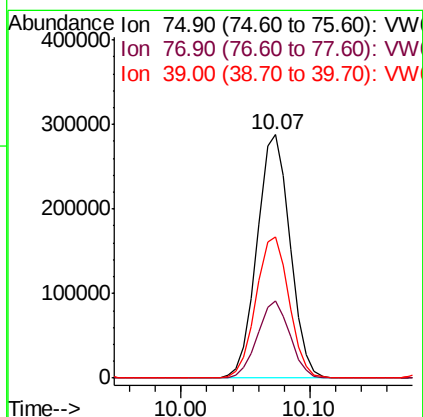
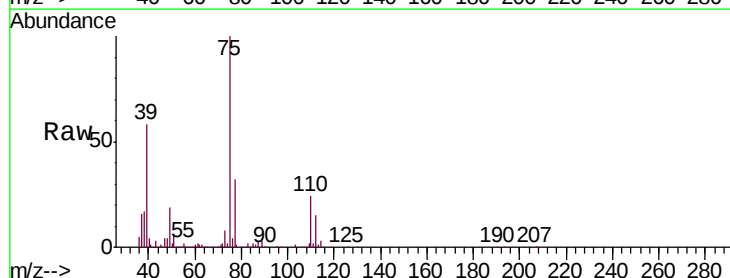
Tgt Ion: 75 Resp: 510728

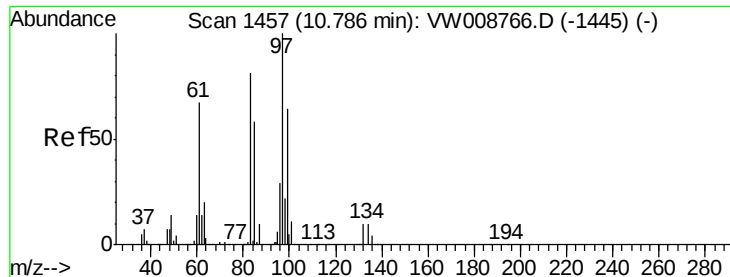
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 57.7 46.6 70.0





#55

1,1,2-Trichloroethane

Concen: 101.875 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 238357

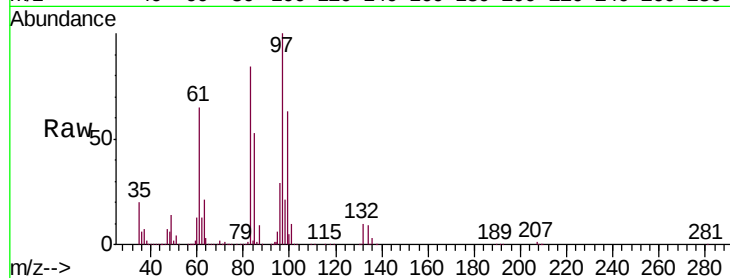
Ion Ratio Lower Upper

97 100

83 84.2 65.0 97.6

85 52.8 46.0 69.0

99 62.8 51.1 76.7

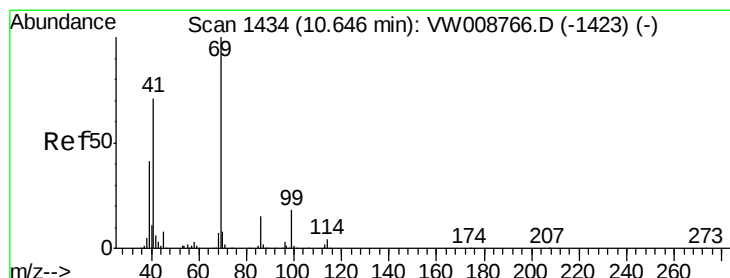
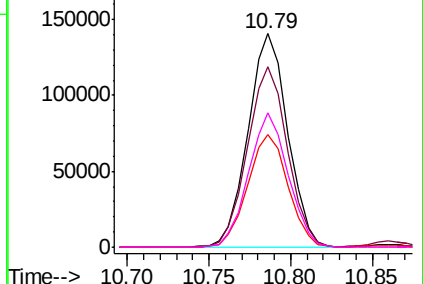
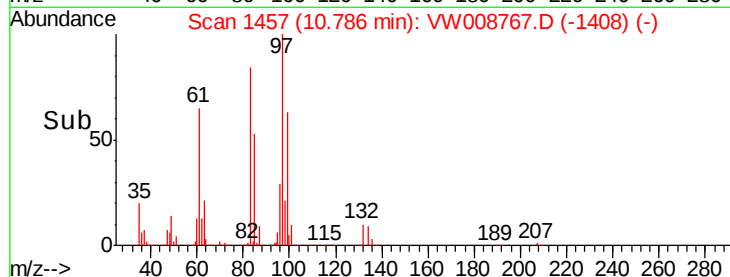


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 106.533 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

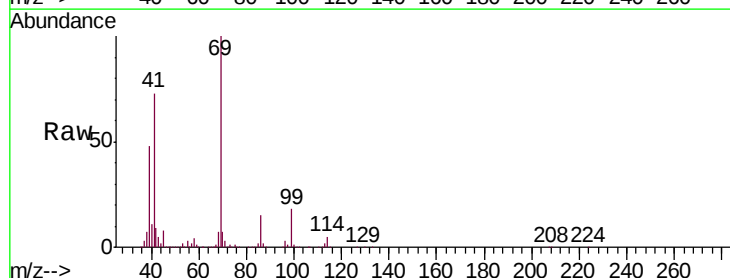
Tgt Ion: 69 Resp: 323837

Ion Ratio Lower Upper

69 100

41 73.2 57.4 86.0

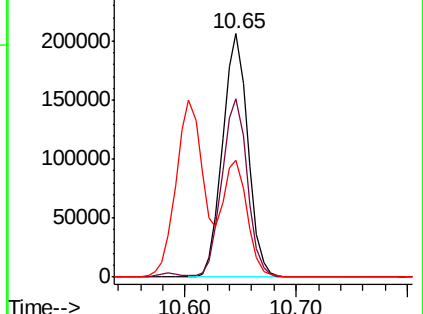
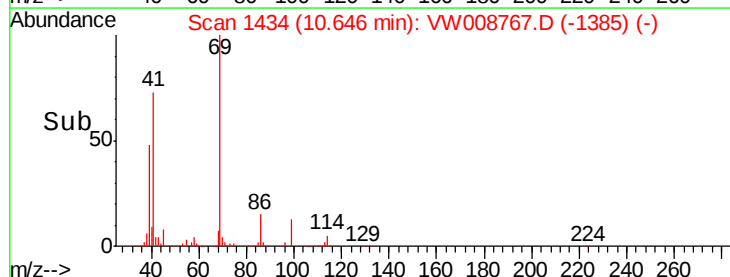
39 44.7 34.8 52.2

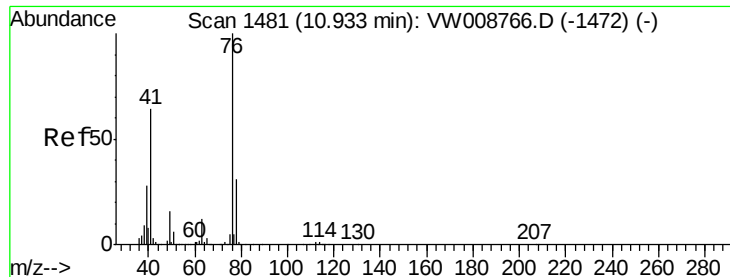


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 100.738 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

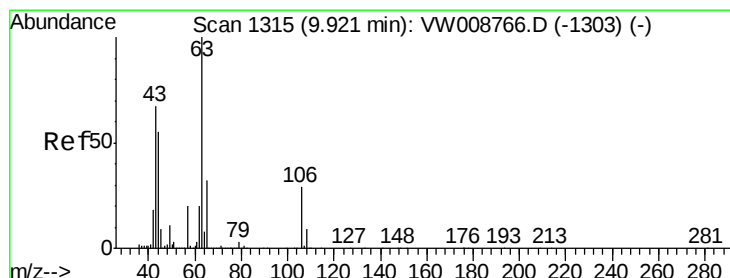
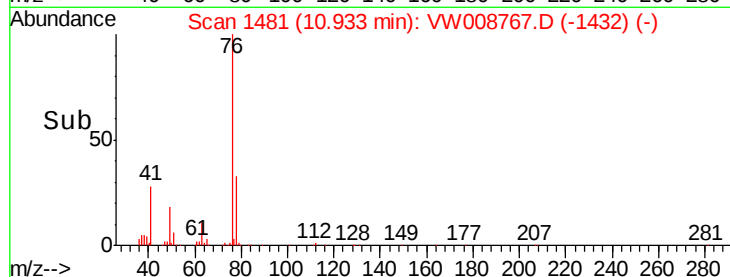
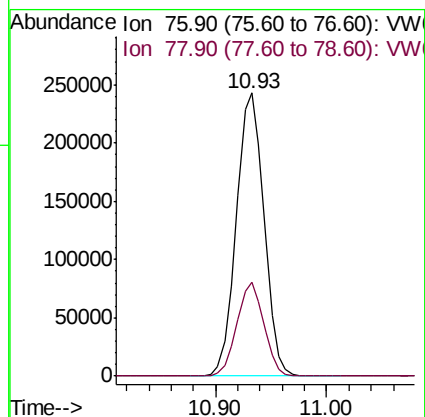
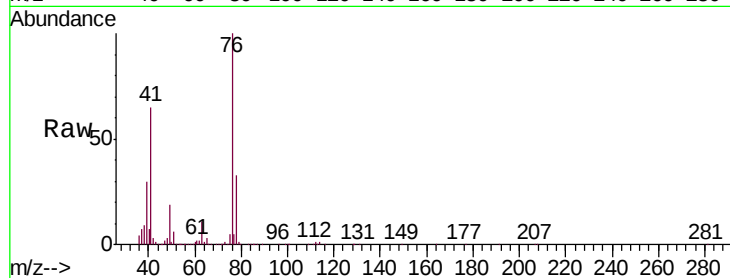
VSTDIC100

Tgt Ion: 76 Resp: 416147

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 501.088 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW008767.D

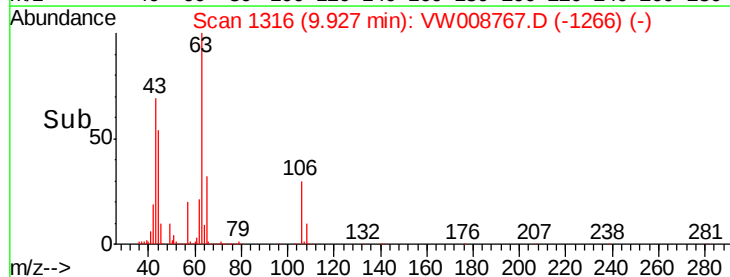
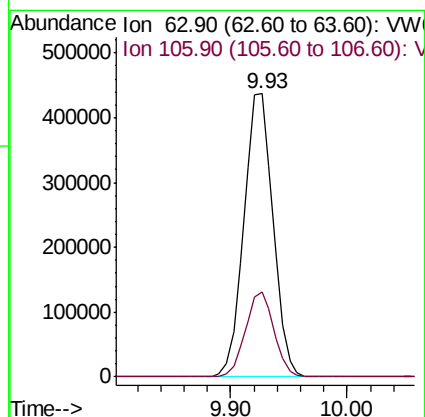
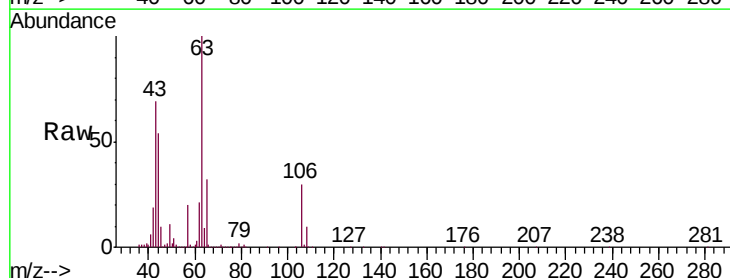
Acq: 21 Feb 2019 12:38

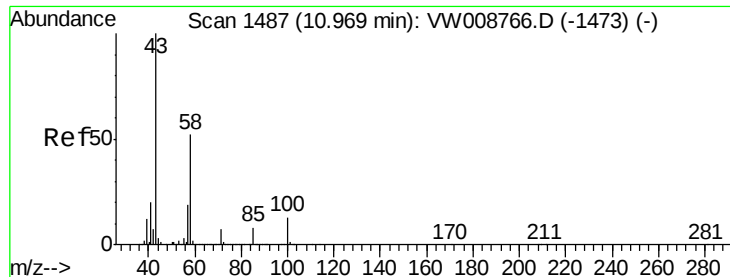
Tgt Ion: 63 Resp: 766082

Ion Ratio Lower Upper

63 100

106 29.3 24.0 36.0

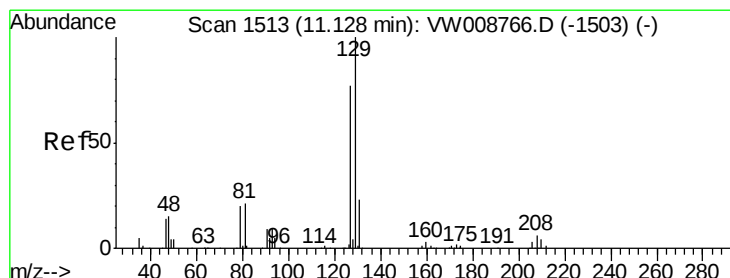
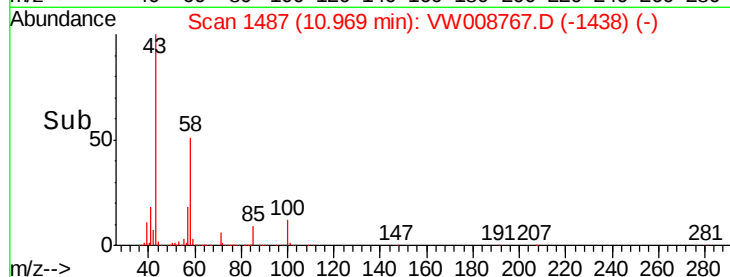
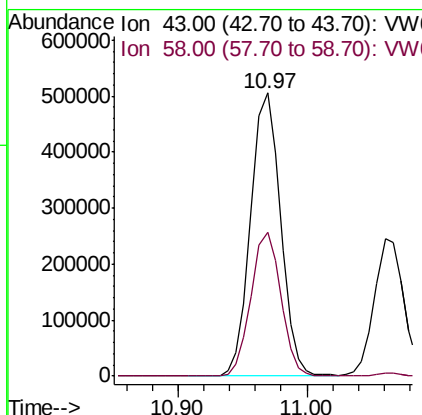
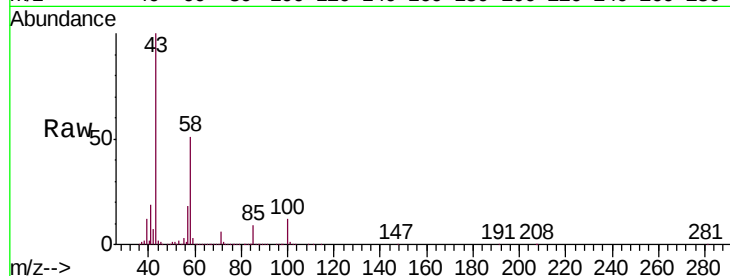




#59
2-Hexanone
Concen: 526.039 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

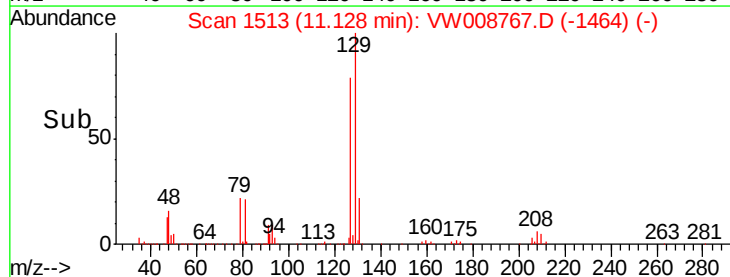
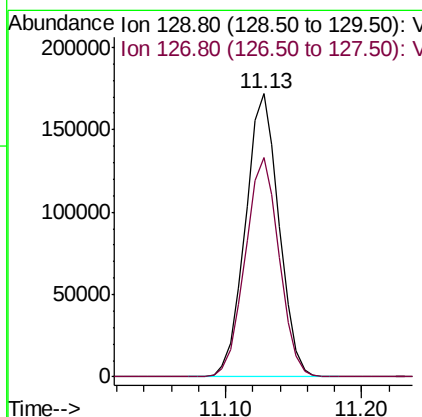
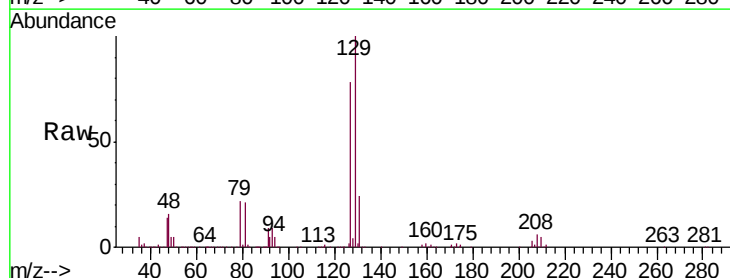
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

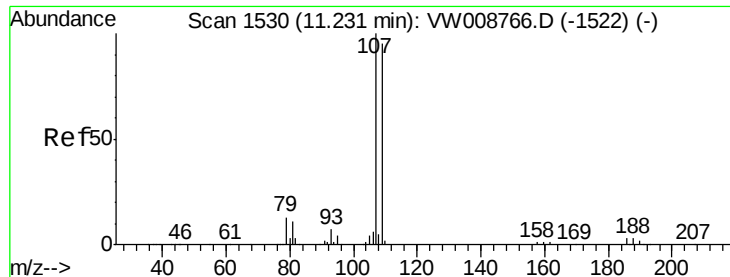
Tgt Ion: 43 Resp: 811110
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.8



#60
Dibromochloromethane
Concen: 104.011 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 129 Resp: 296827
Ion Ratio Lower Upper
129 100
127 78.3 39.0 116.9

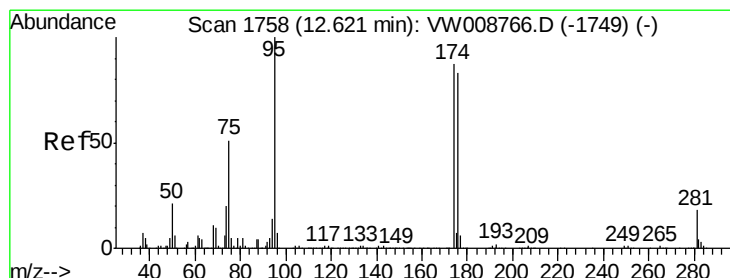
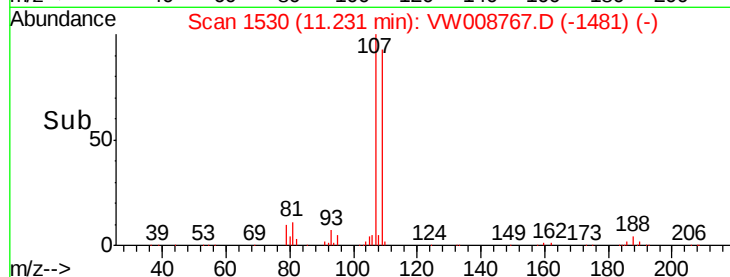
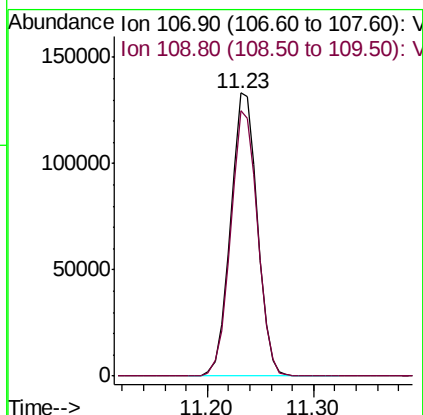
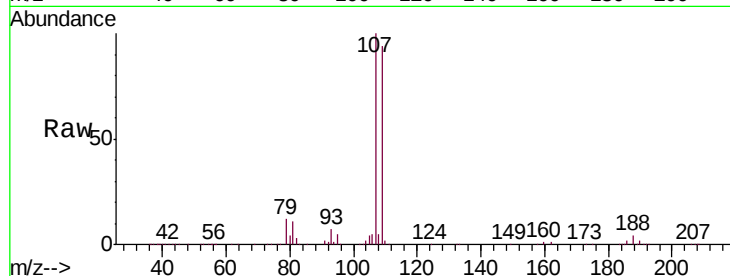




#61
 1,2-Dibromoethane
 Concen: 101.664 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

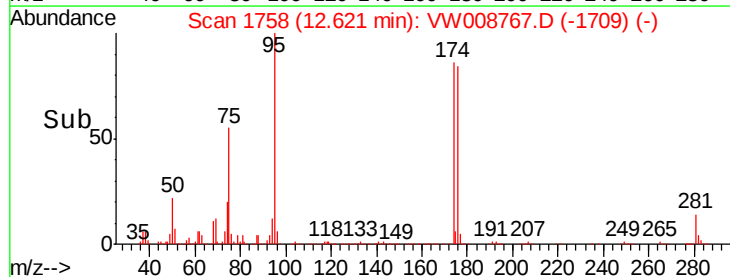
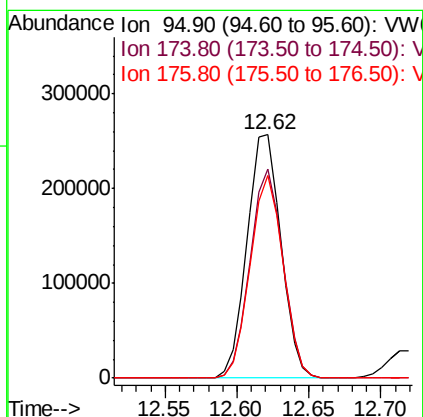
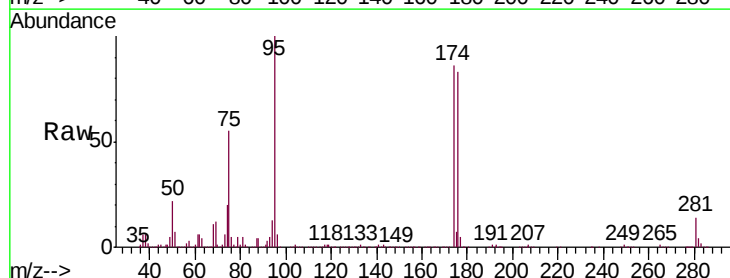
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

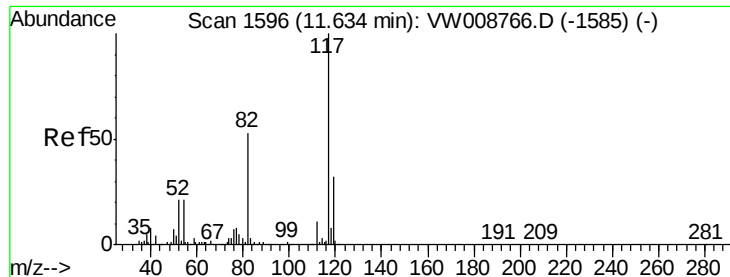
Tgt Ion: 107 Resp: 235448
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 97.698 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion: 95 Resp: 418703
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 169.2
 176 80.7 0.0 163.6

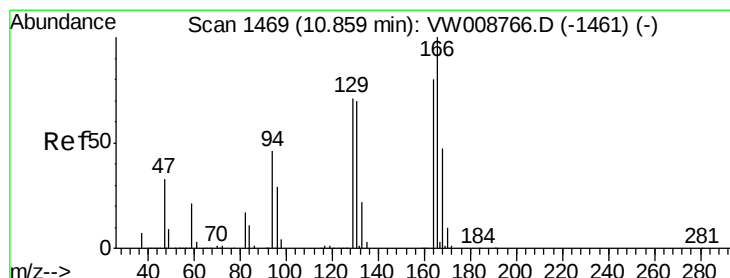
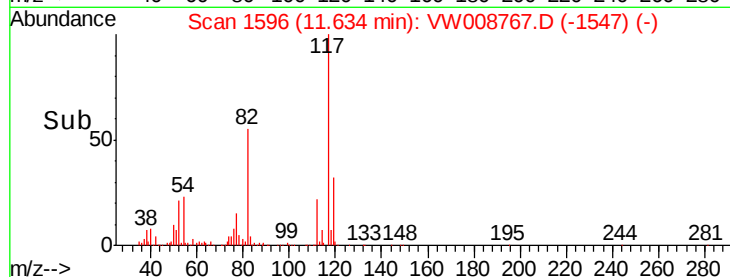
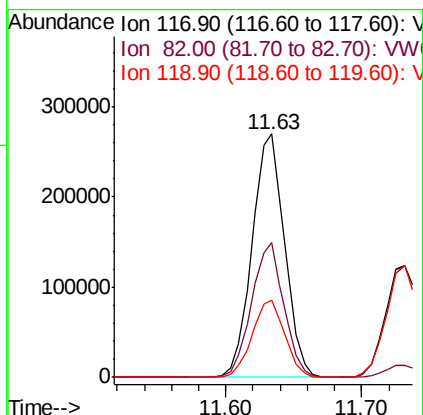
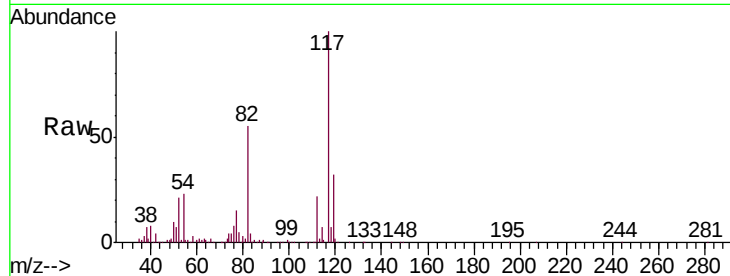




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

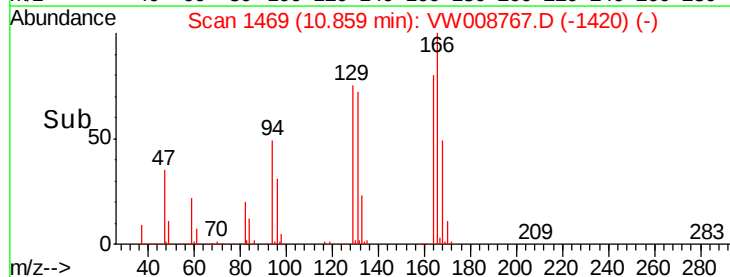
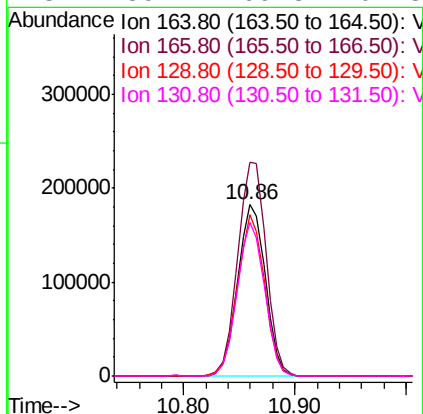
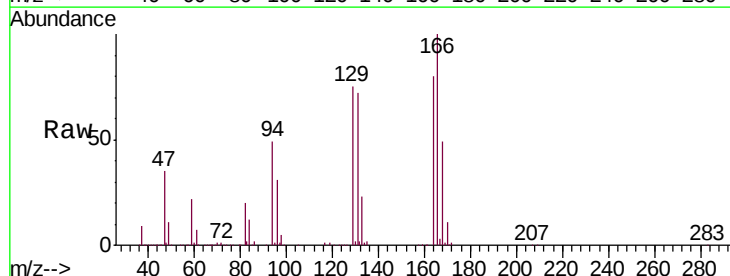
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

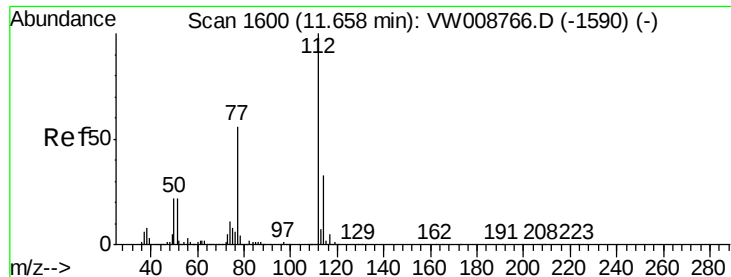
Tgt Ion:117 Resp: 452711
Ion Ratio Lower Upper
117 100
82 55.2 42.2 63.4
119 31.7 25.9 38.9



#64
Tetrachloroethene
Concen: 97.057 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion:164 Resp: 314521
Ion Ratio Lower Upper
164 100
166 124.7 99.5 149.3
129 94.0 71.1 106.7
131 89.4 69.8 104.8





#65

Chlorobenzene

Concen: 98.753 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

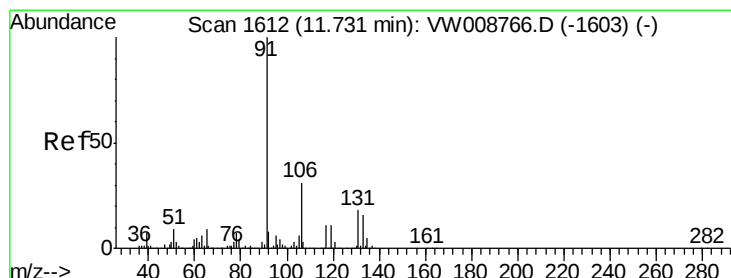
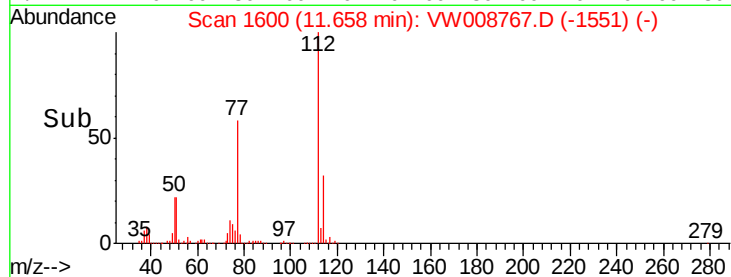
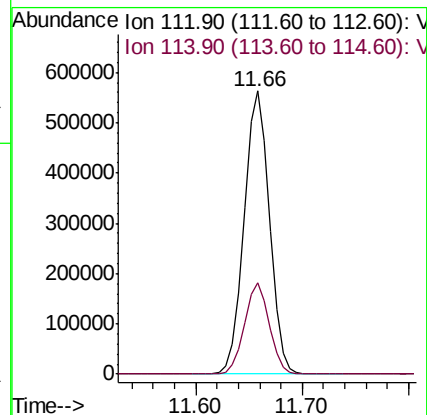
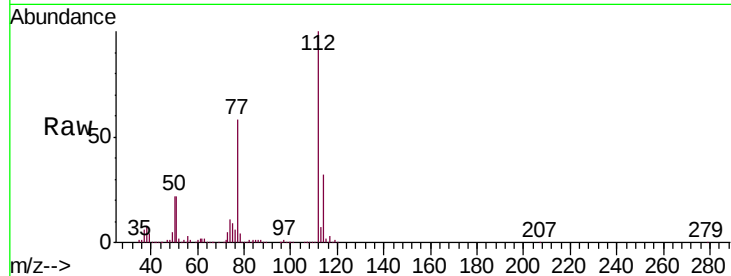
VSTDIC100

Tgt Ion:112 Resp: 940052

Ion Ratio Lower Upper

112 100

114 32.2 26.6 40.0



#66

1,1,1,2-Tetrachloroethane

Concen: 100.685 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

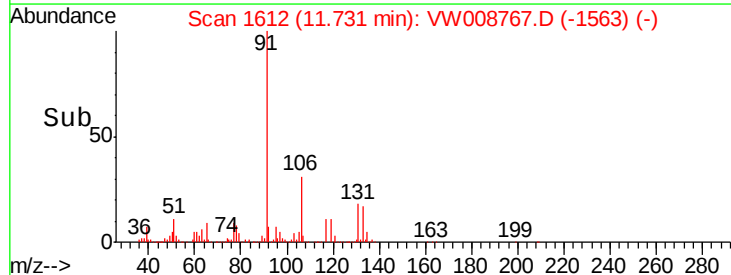
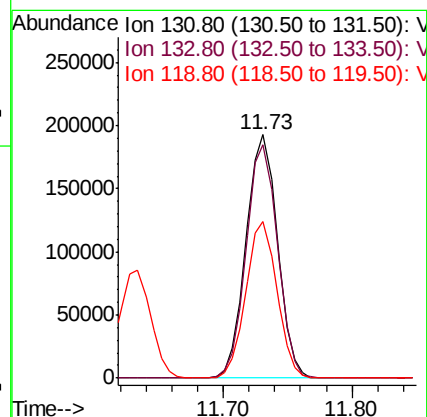
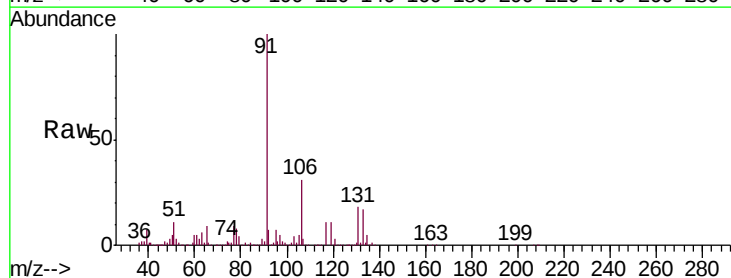
Tgt Ion:131 Resp: 324074

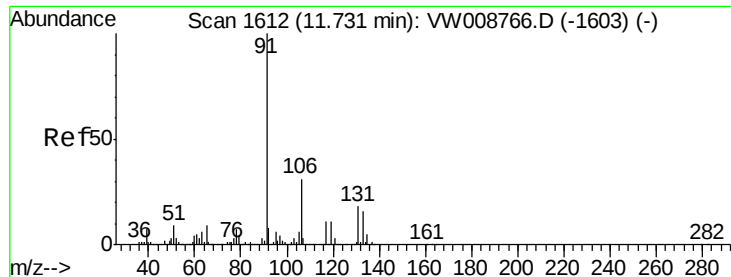
Ion Ratio Lower Upper

131 100

133 95.7 46.7 140.0

119 63.9 30.8 92.4

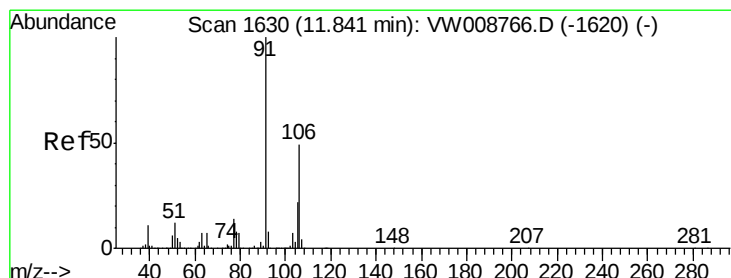
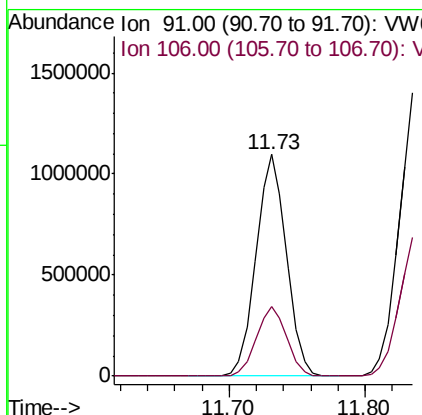
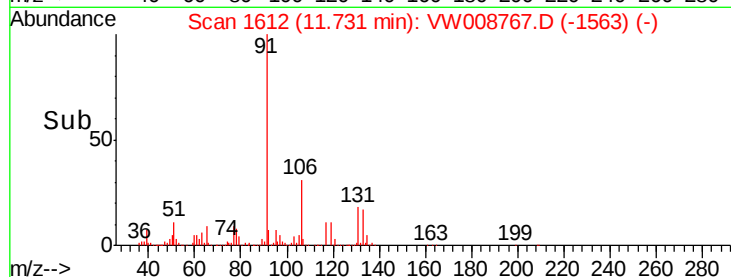
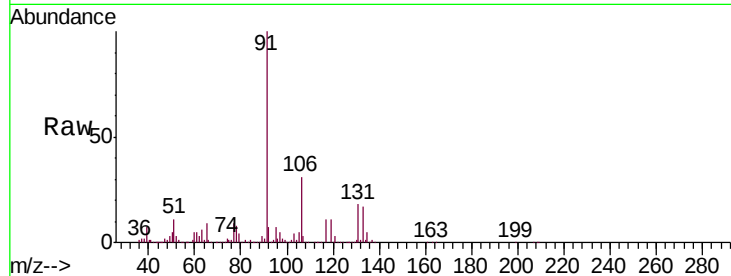




#67
Ethyl Benzene
Concen: 100.764 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

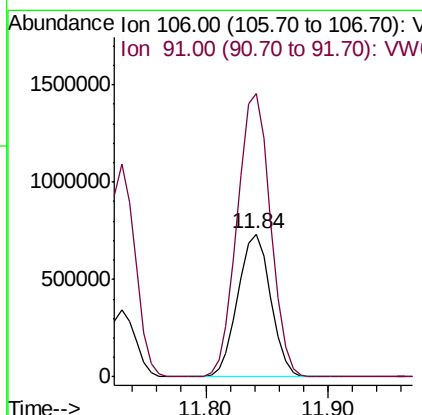
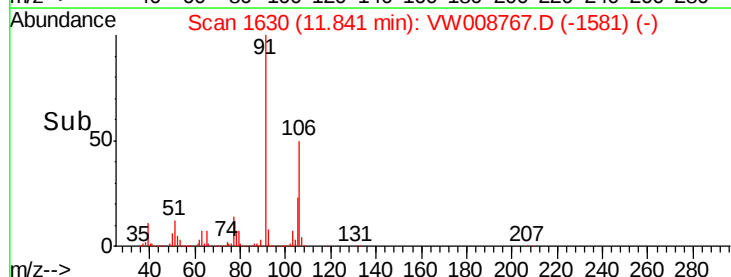
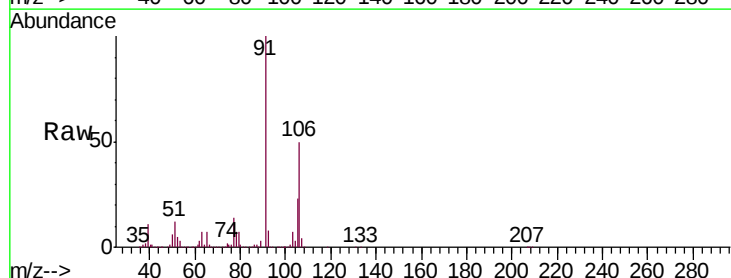
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

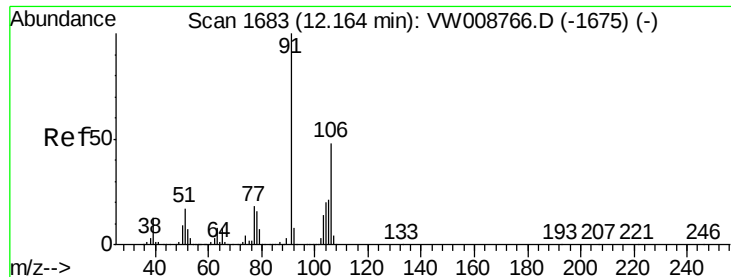
Tgt Ion: 91 Resp: 1714715
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 200.477 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion: 106 Resp: 1363086
Ion Ratio Lower Upper
106 100
91 201.0 161.5 242.3

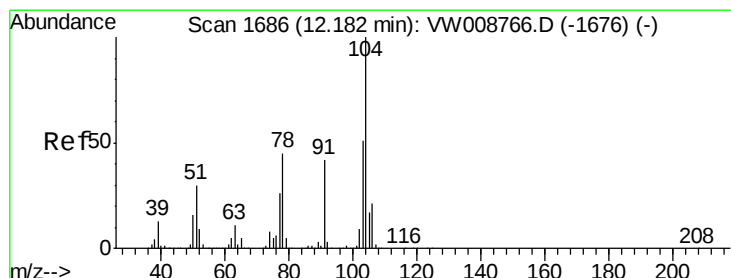
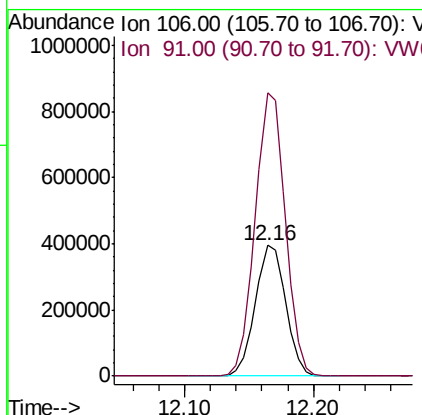
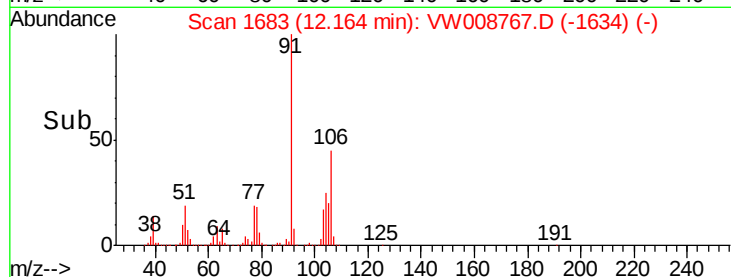
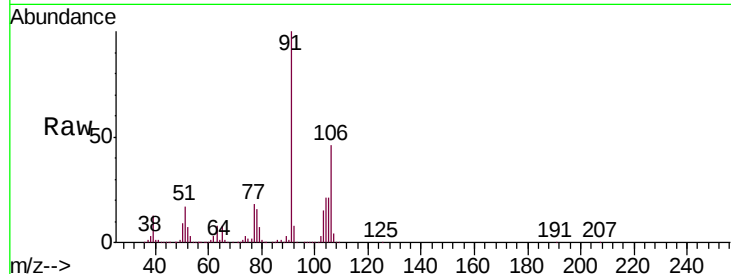




#69
o-Xylene
Concen: 100.779 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

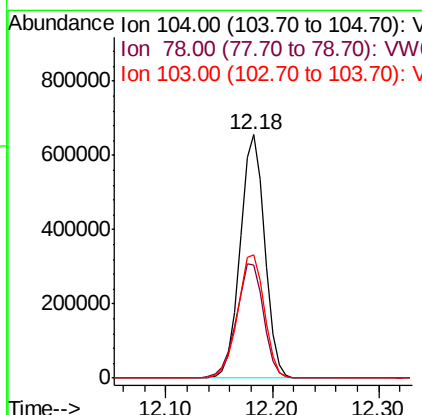
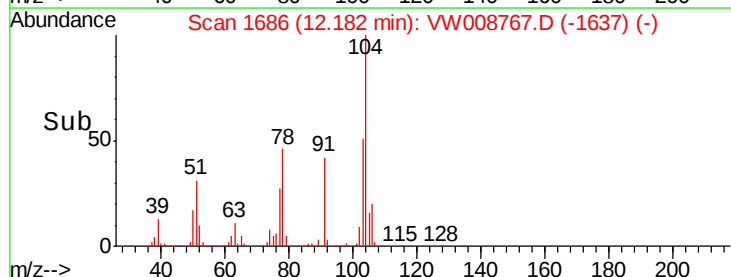
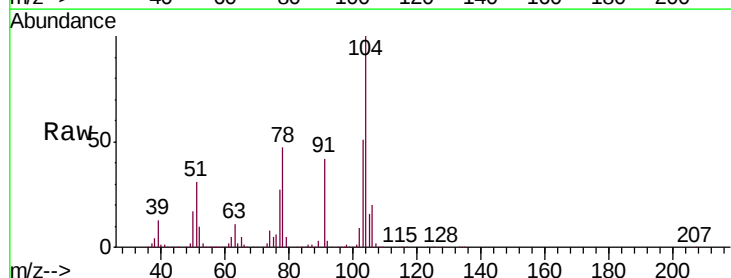
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

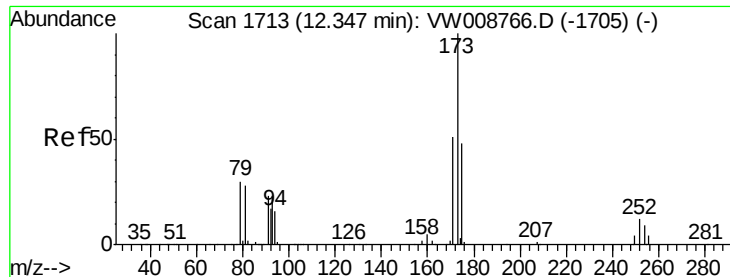
Tgt Ion:106 Resp: 643153
Ion Ratio Lower Upper
106 100
91 215.3 106.2 318.6



#70
Styrene
Concen: 103.361 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion:104 Resp: 1061232
Ion Ratio Lower Upper
104 100
78 52.2 40.8 61.2
103 55.5 44.2 66.2

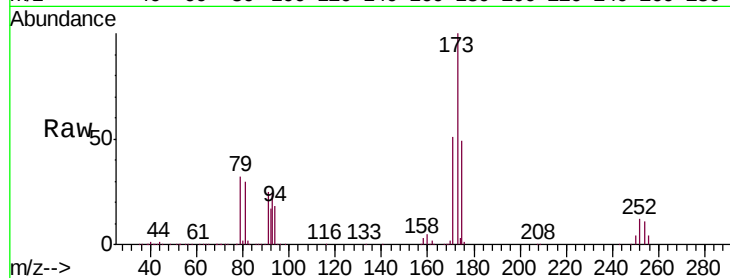




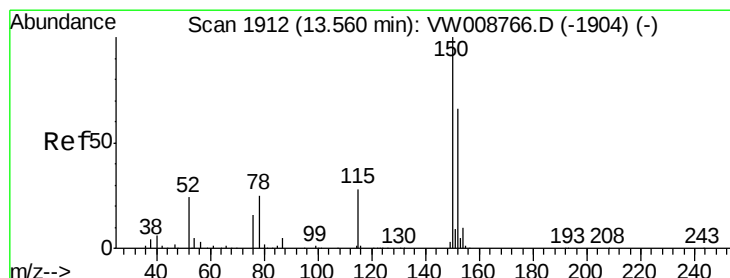
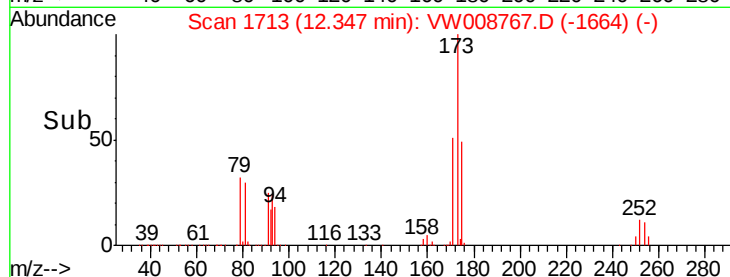
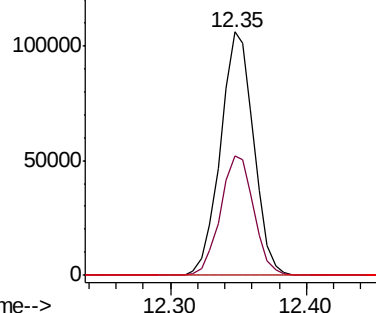
#71
Bromoform
Concen: 104.439 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 180694
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.1 0.2 0.4#

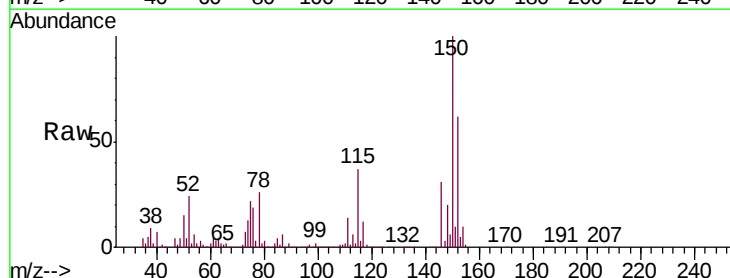


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

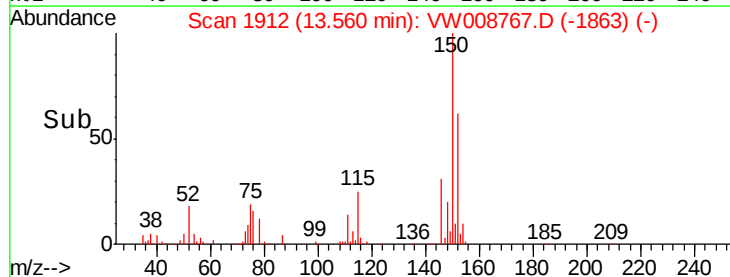
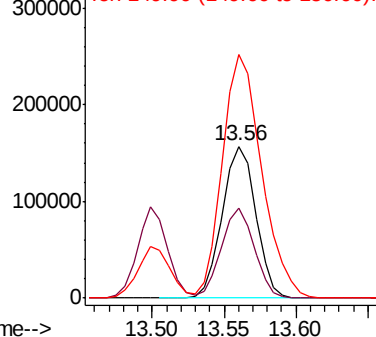


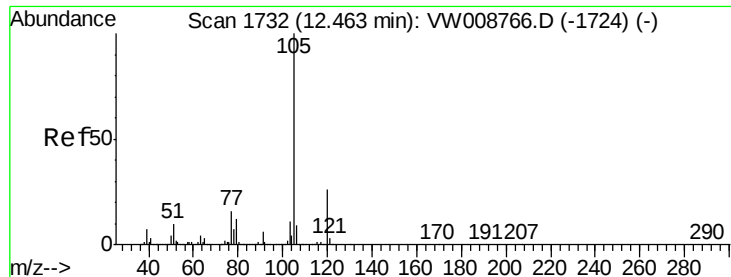
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion:152 Resp: 251649
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.8
150 188.1 0.0 348.0



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: 101.592 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

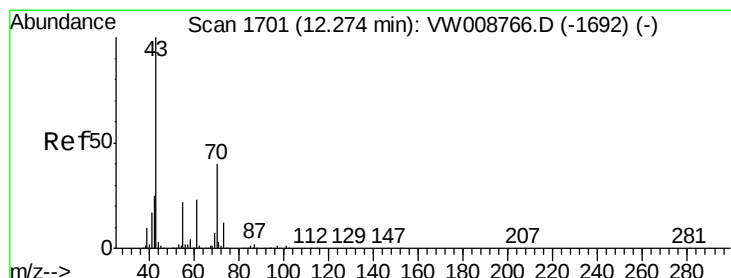
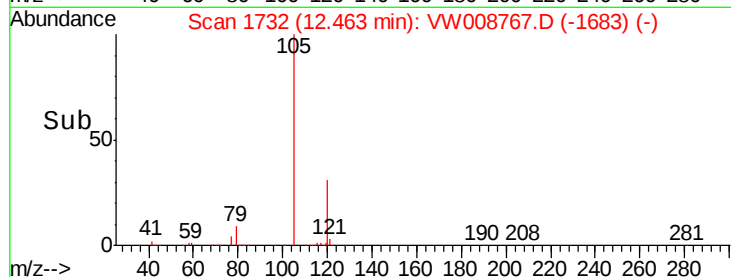
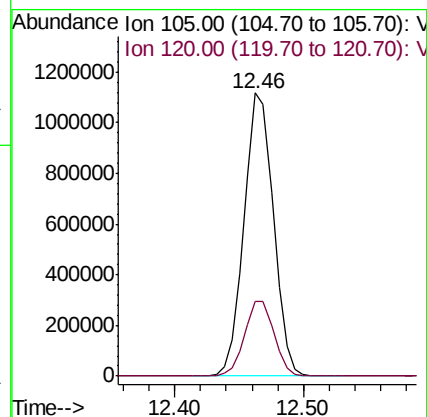
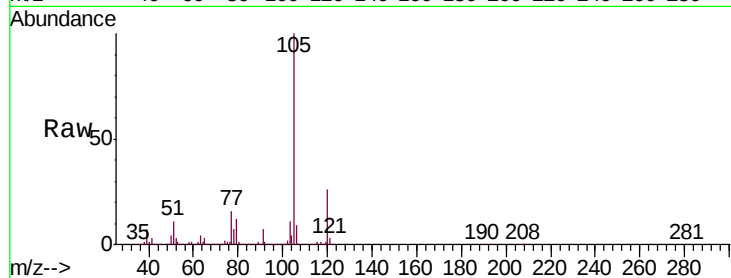
VSTDIC100

Tgt Ion:105 Resp: 1752630

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 109.165 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Tgt Ion: 43 Resp: 474383

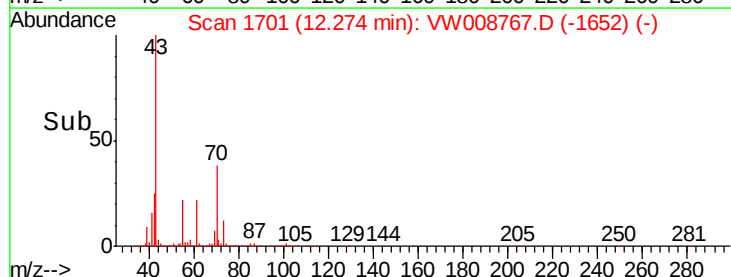
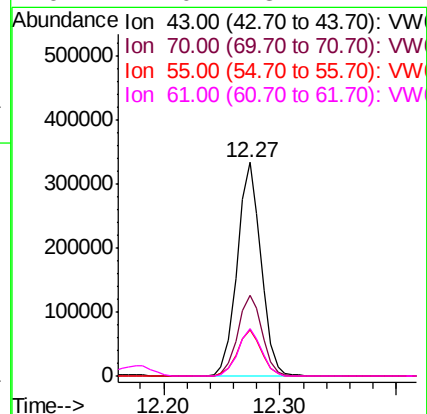
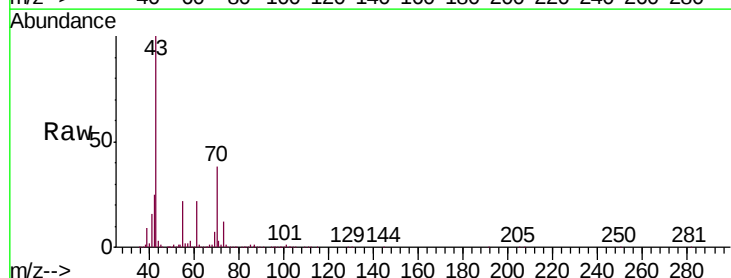
Ion Ratio Lower Upper

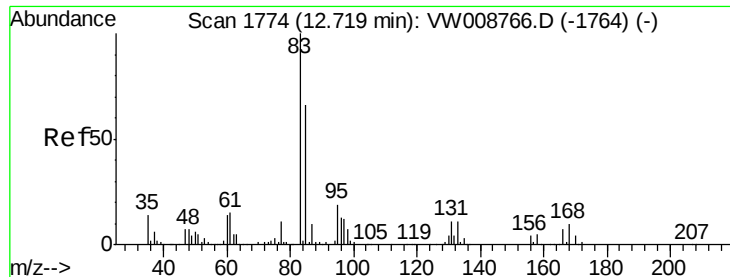
43 100

70 38.7 31.0 46.6

55 21.9 18.7 28.1

61 22.0 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 100.521 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

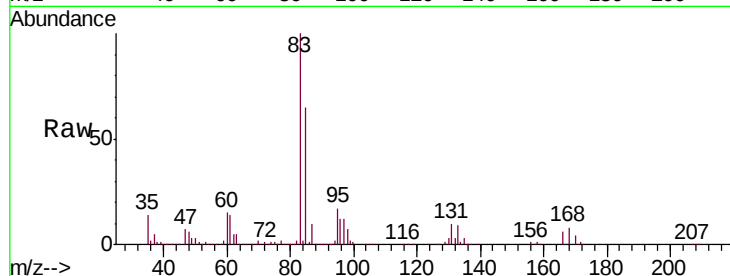
Tgt Ion: 83 Resp: 283353

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

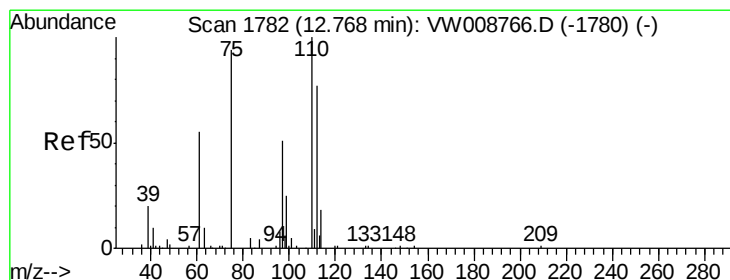
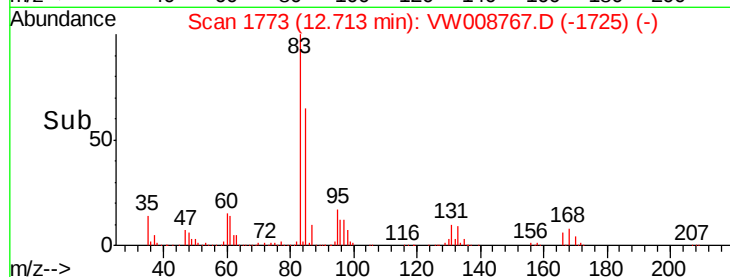
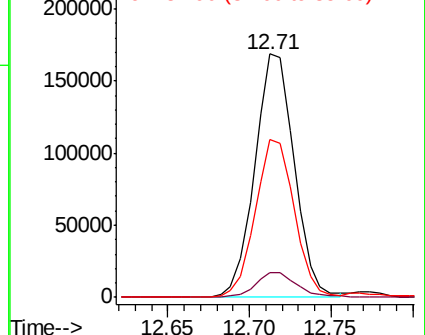
85 64.2 33.0 98.9



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: 183.753 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008767.D

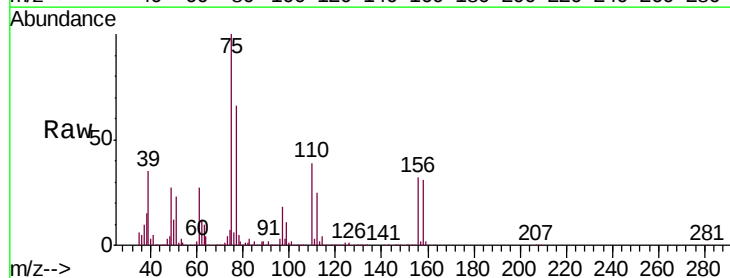
Acq: 21 Feb 2019 12:38

Tgt Ion: 75 Resp: 400064

Ion Ratio Lower Upper

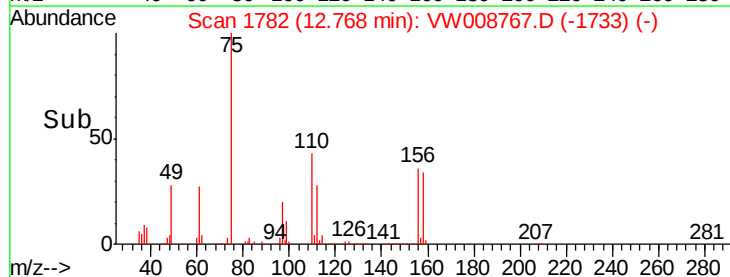
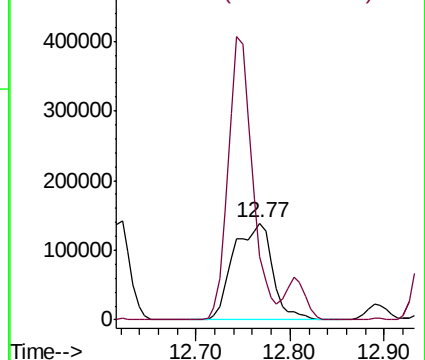
75 100

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: 97.881 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampled :

VSTDICC100

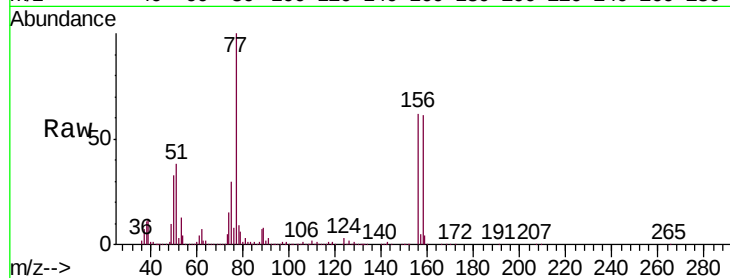
Tgt Ion:156 Resp: 399033

Ion Ratio Lower Upper

156 100

77 183.8 89.1 267.4

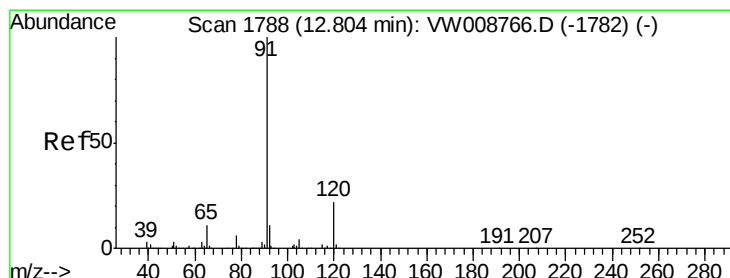
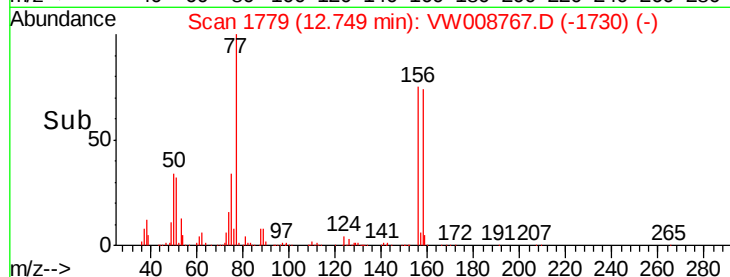
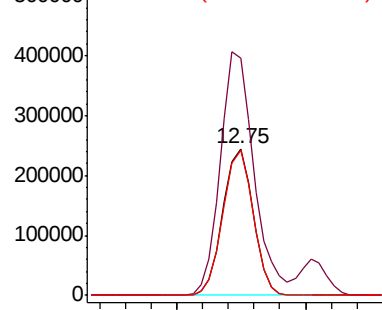
158 98.4 49.2 147.6



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: 101.289 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008767.D

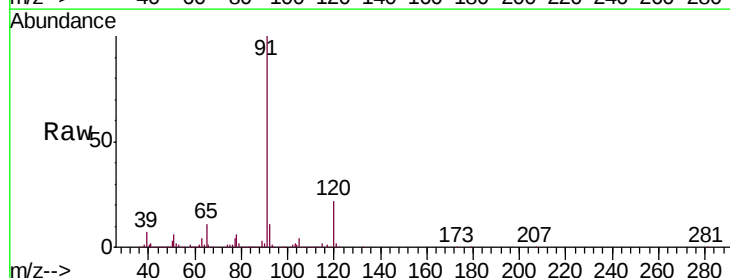
Acq: 21 Feb 2019 12:38

Tgt Ion: 91 Resp: 2137473

Ion Ratio Lower Upper

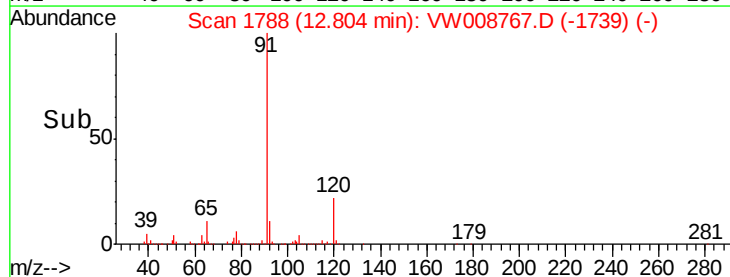
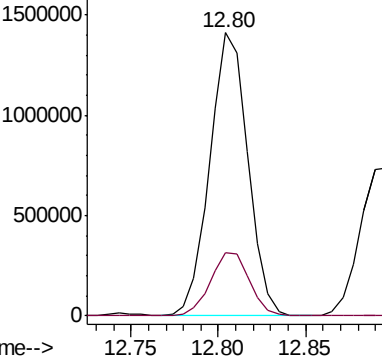
91 100

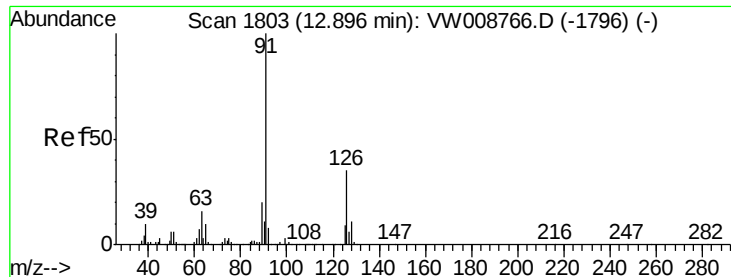
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

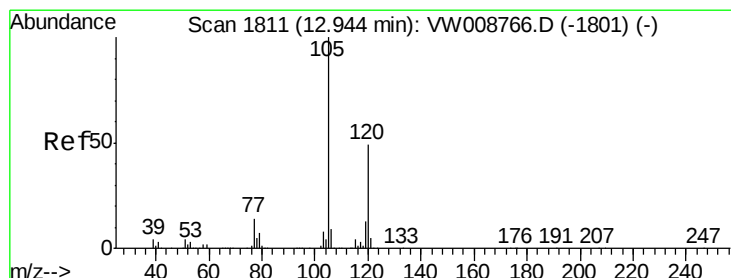
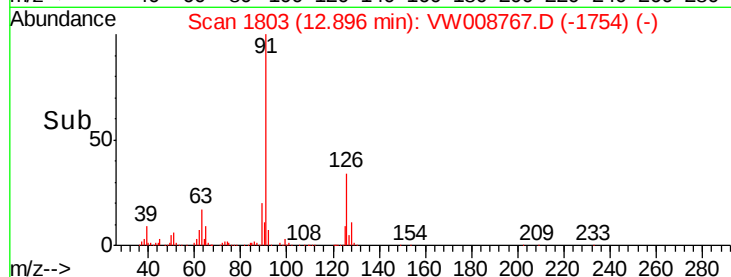
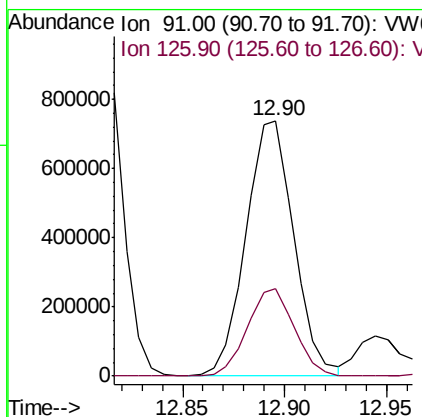
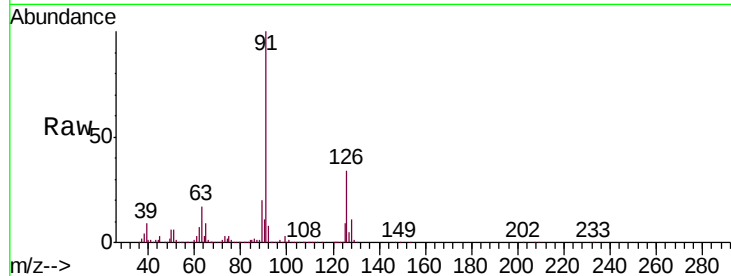




#79
 2-Chlorotoluene
 Concen: 100.905 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

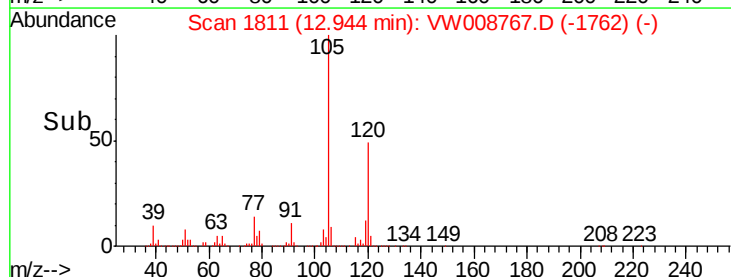
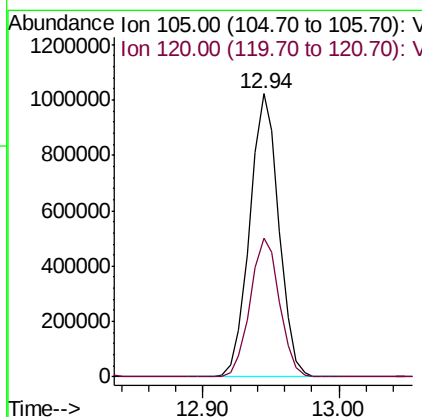
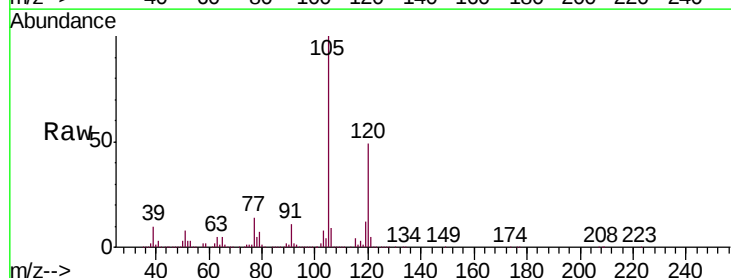
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

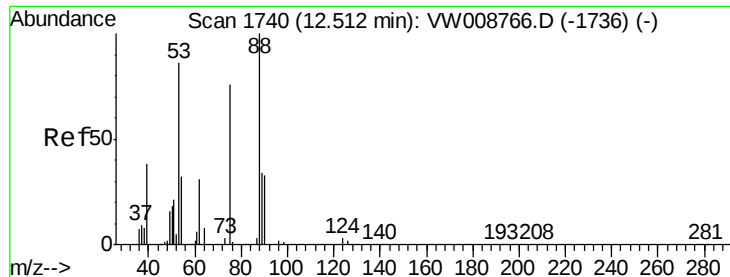
Tgt Ion: 91 Resp: 1208968
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 102.240 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion: 105 Resp: 1532772
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 111.722 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

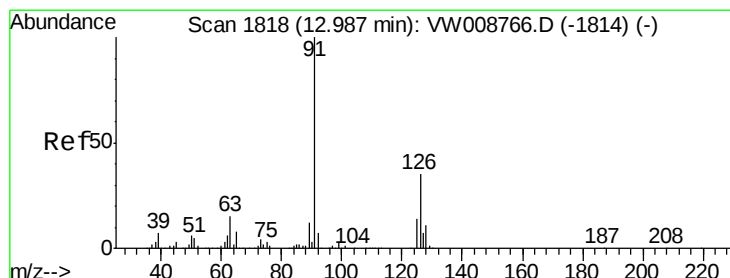
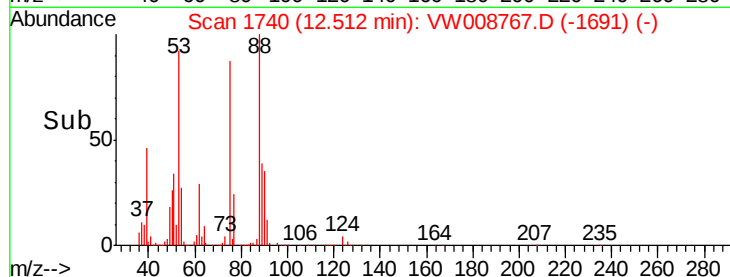
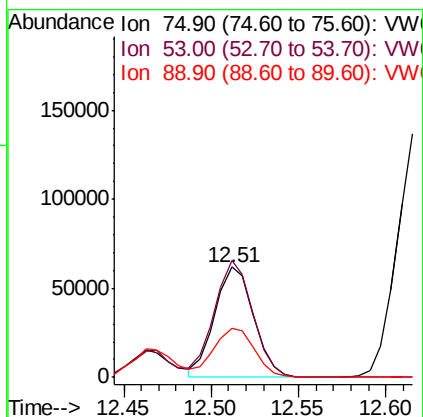
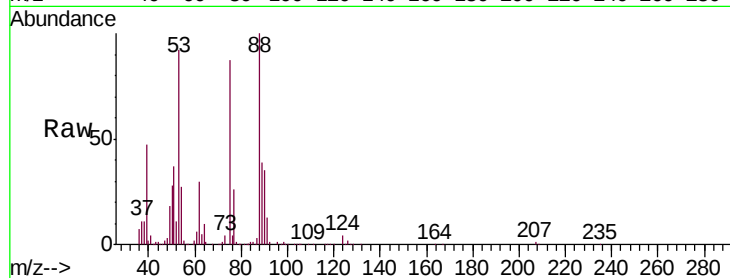
Tgt Ion: 75 Resp: 95482

Ion Ratio Lower Upper

75 100

53 104.6 88.2 132.2

89 46.9 39.5 59.3



#82

4-Chlorotoluene

Concen: 101.544 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008767.D

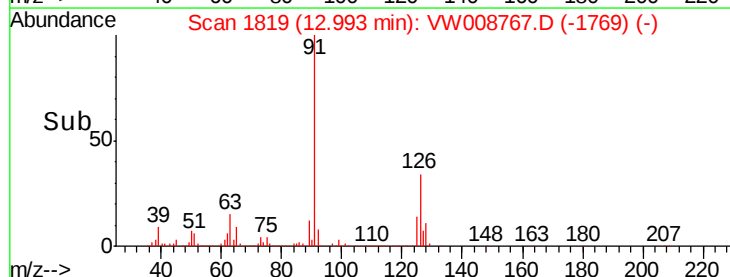
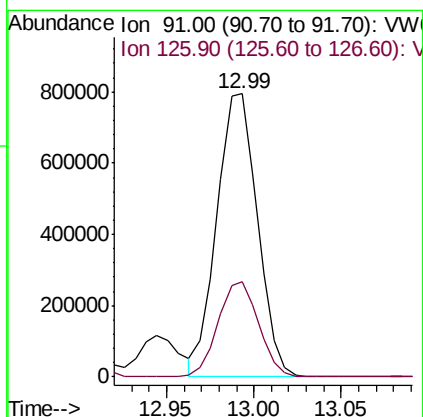
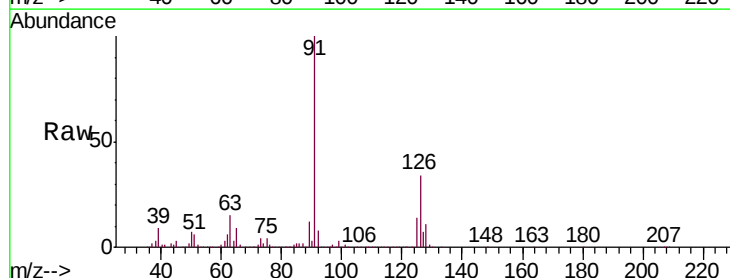
Acq: 21 Feb 2019 12:38

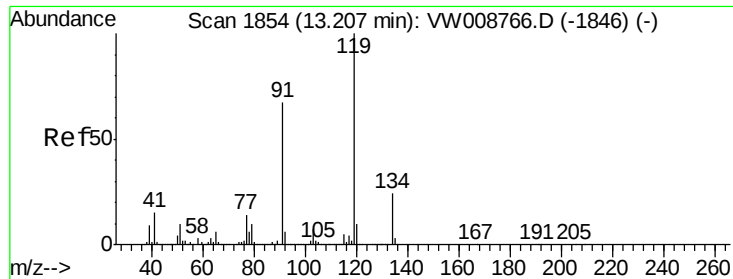
Tgt Ion: 91 Resp: 1282079

Ion Ratio Lower Upper

91 100

126 33.7 17.2 51.6

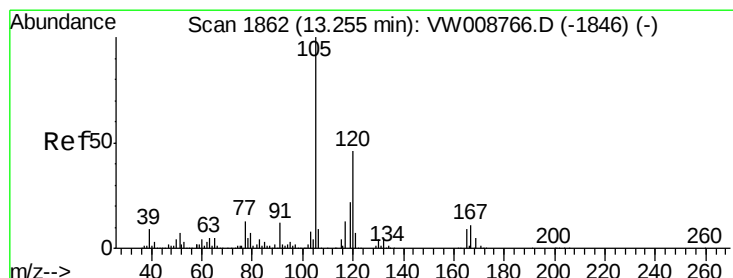
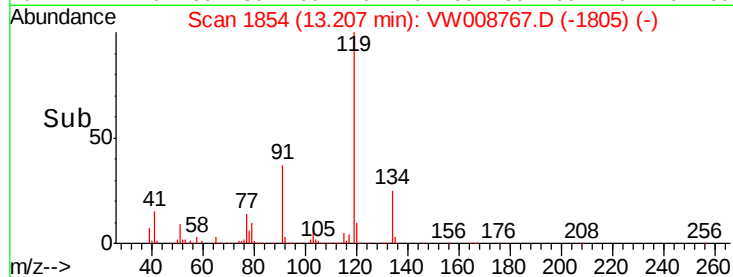
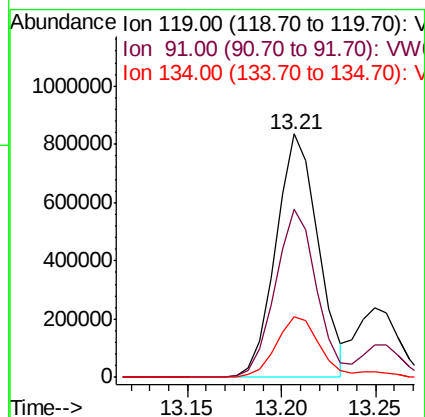
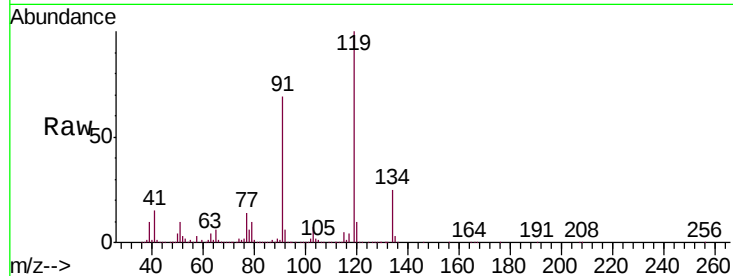




#83
tert-Butylbenzene
Concen: 100.216 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

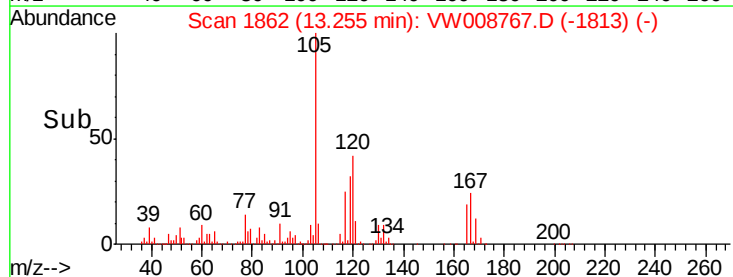
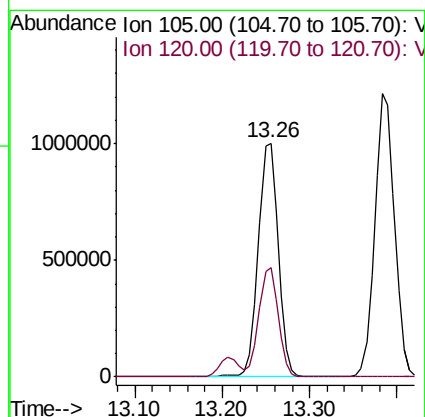
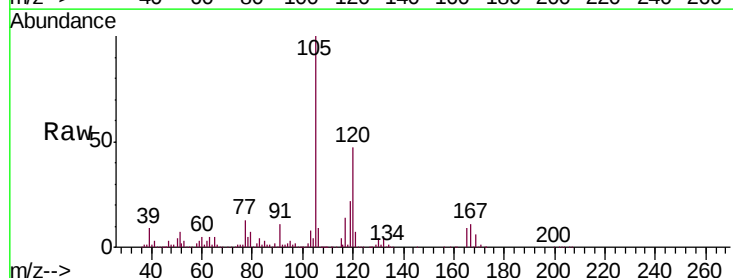
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

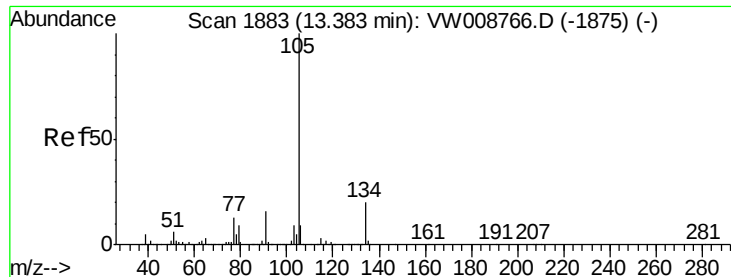
Tgt Ion:119 Resp: 1299104
Ion Ratio Lower Upper
119 100
91 68.2 33.6 100.8
134 27.2 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 102.187 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion:105 Resp: 1585852
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4

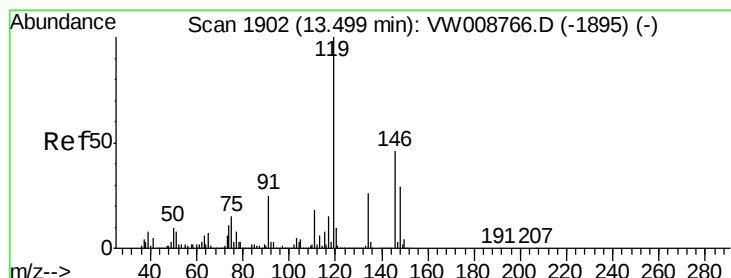
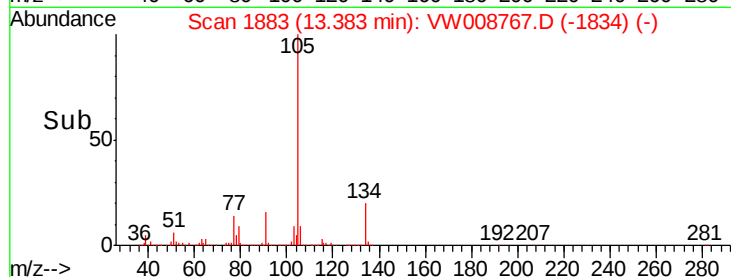
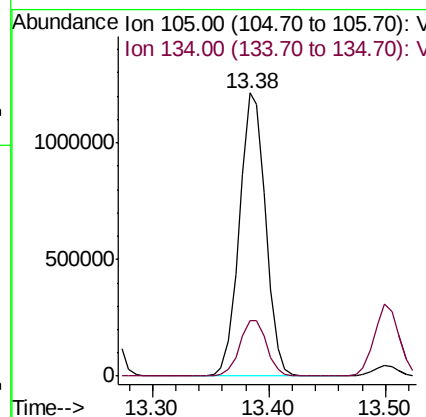
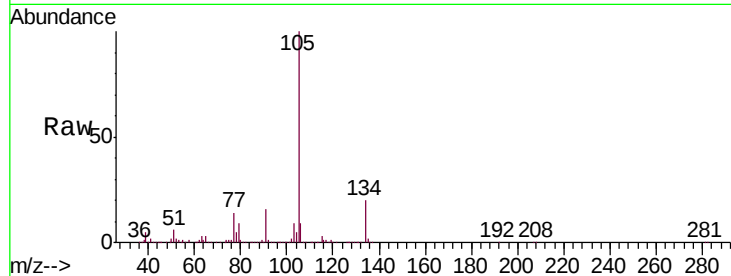




#85
 sec-Butylbenzene
 Concen: 101.733 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

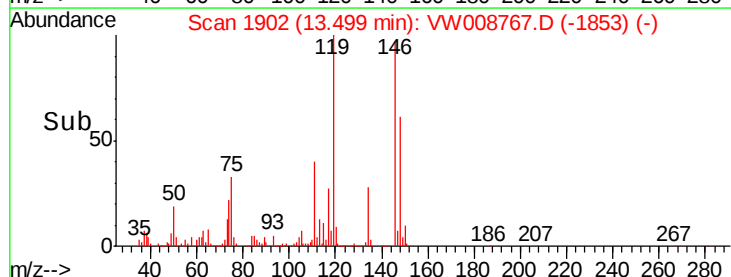
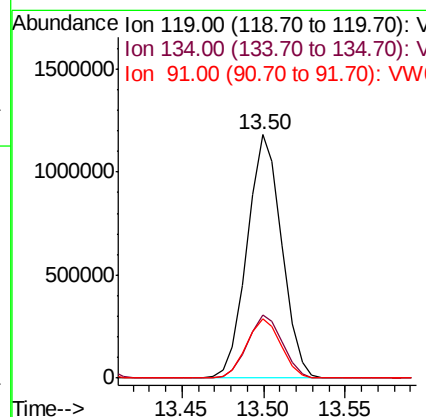
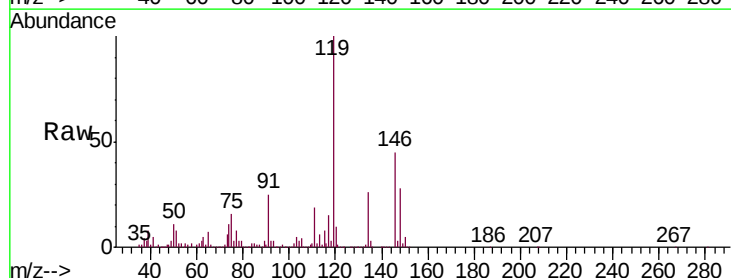
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

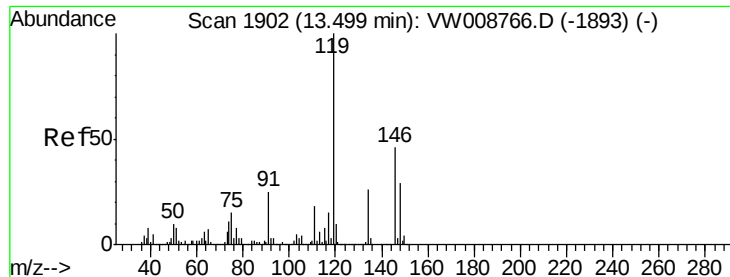
Tgt Ion:105 Resp: 1896259
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 101.970 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion:119 Resp: 1742407
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 98.863 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

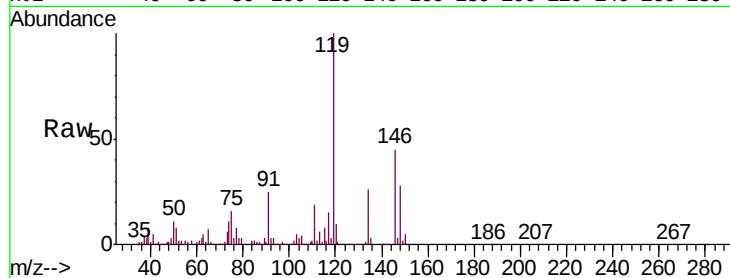
Tgt Ion:146 Resp: 836207

Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.7

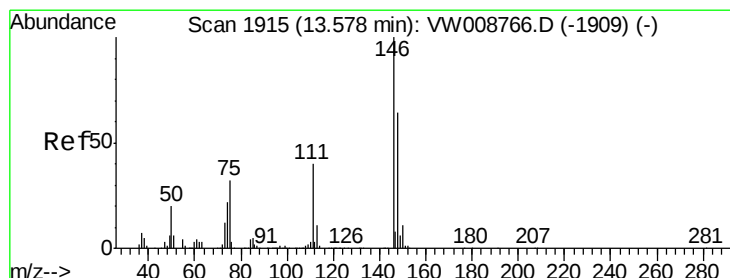
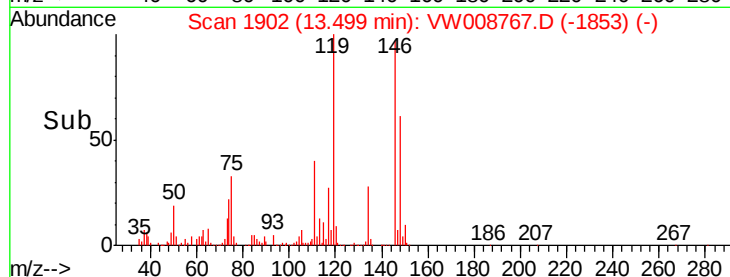
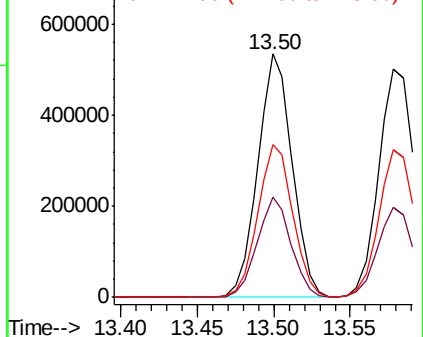
148 63.7 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 97.906 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

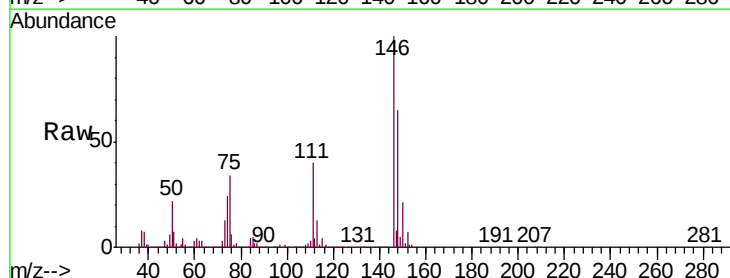
Tgt Ion:146 Resp: 816176

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

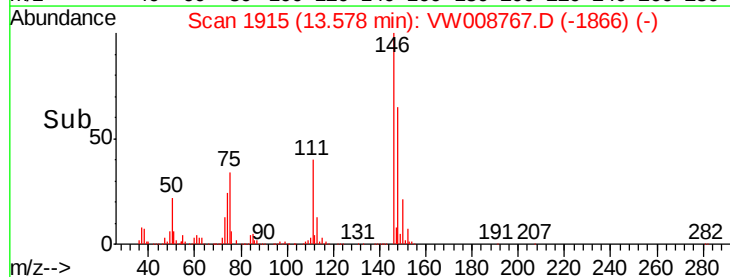
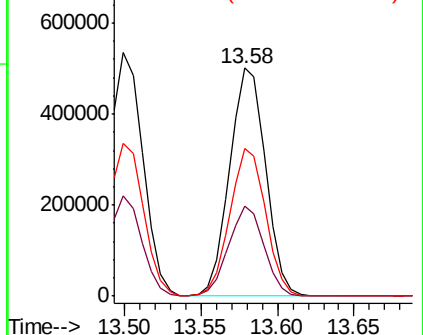
148 64.1 31.9 95.9

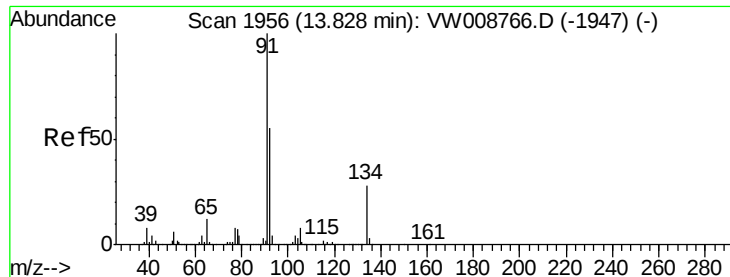


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 103.106 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

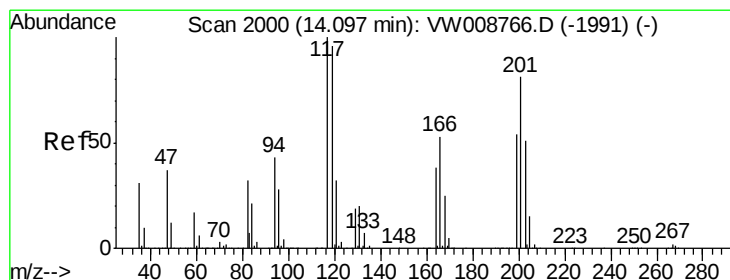
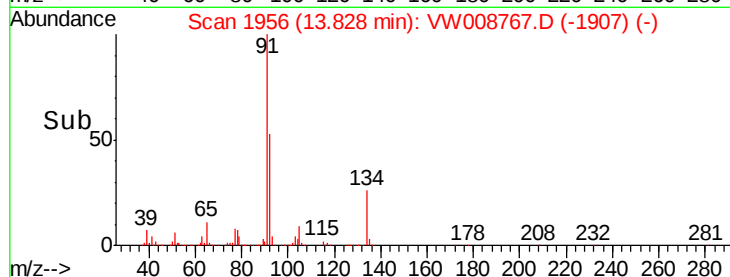
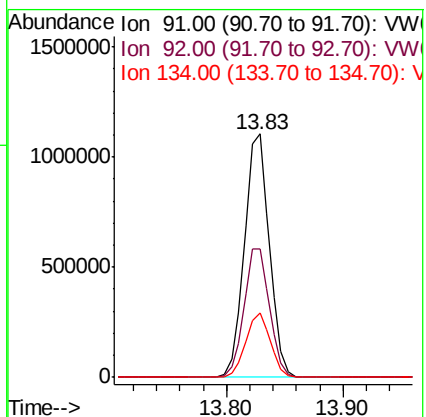
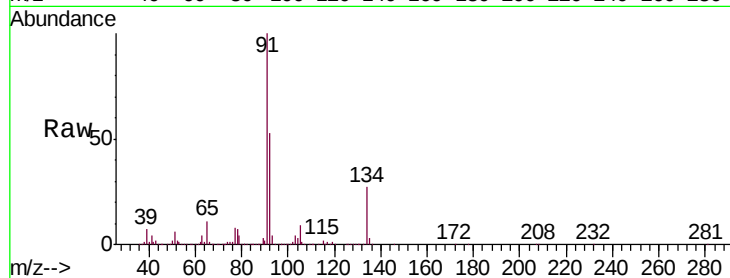
Tgt Ion: 91 Resp: 1650549

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.4

134 26.3 13.5 40.4



#90

Hexachloroethane

Concen: 102.932 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008767.D

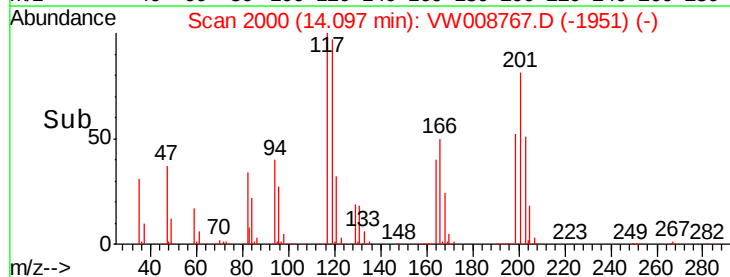
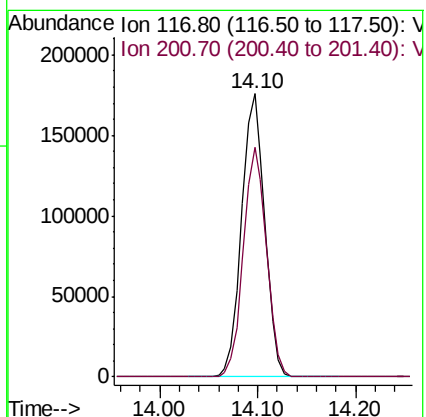
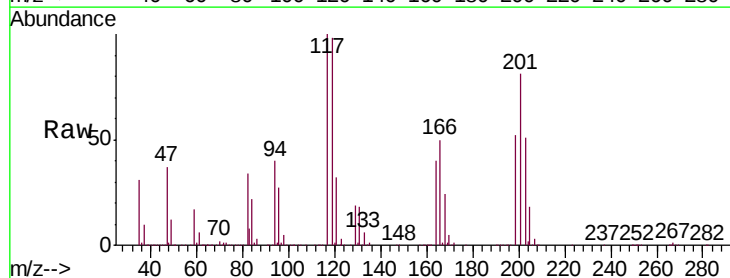
Acq: 21 Feb 2019 12:38

Tgt Ion: 117 Resp: 287932

Ion Ratio Lower Upper

117 100

201 80.9 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 98.067 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

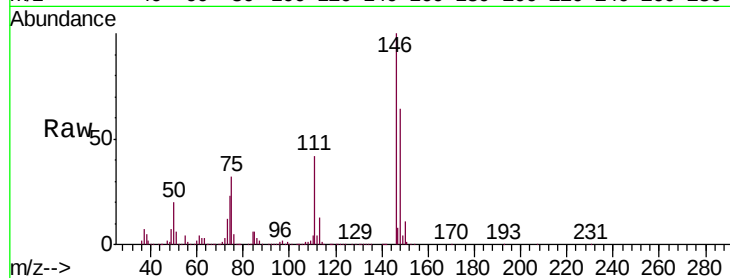
Tgt Ion:146 Resp: 739080

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

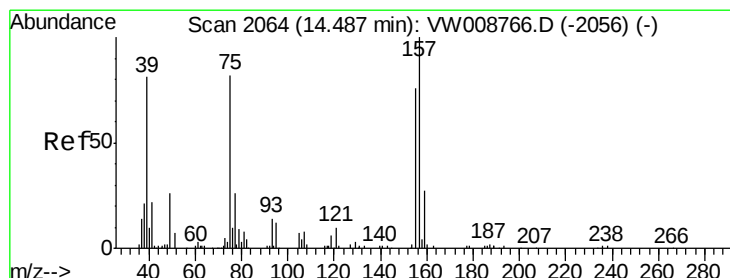
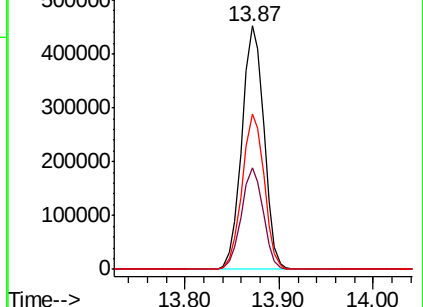
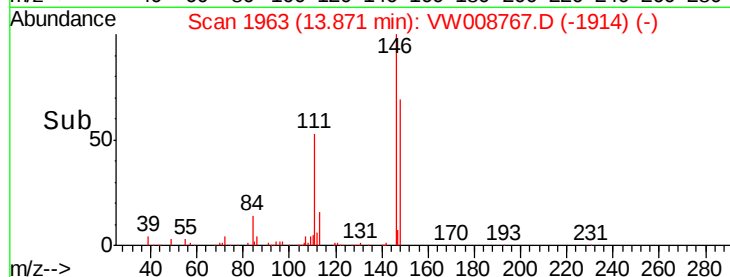
148 63.9 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 103.937 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008767.D

Acq: 21 Feb 2019 12:38

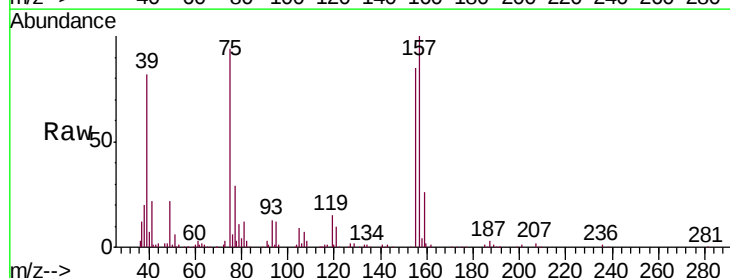
Tgt Ion: 75 Resp: 52999

Ion Ratio Lower Upper

75 100

155 88.9 41.8 125.4

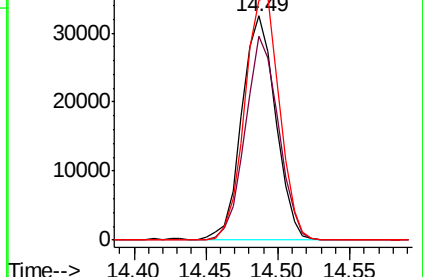
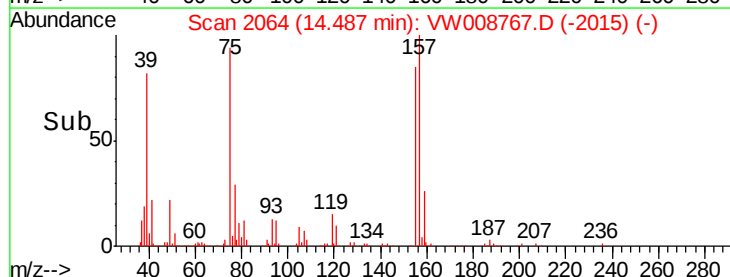
157 110.9 56.6 169.9

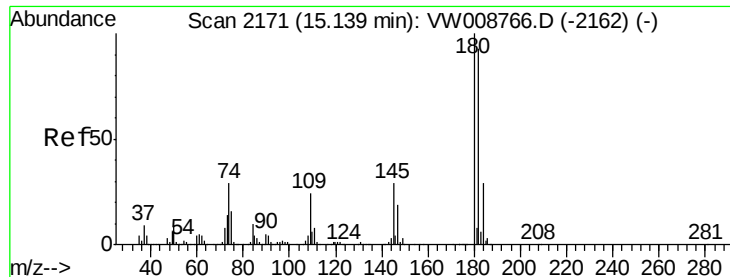


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

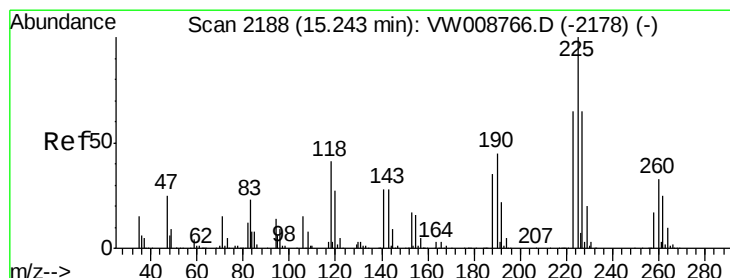
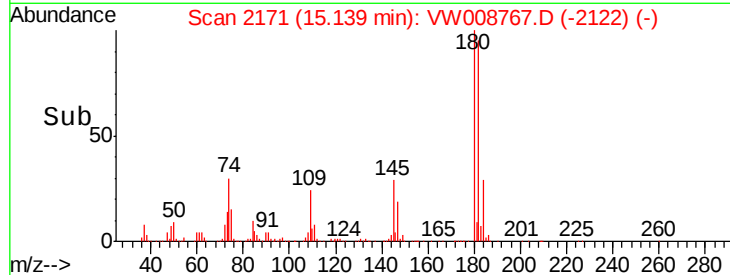
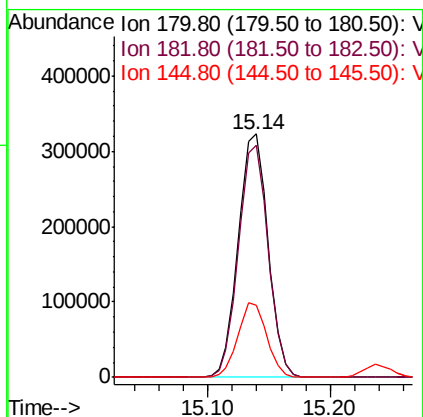
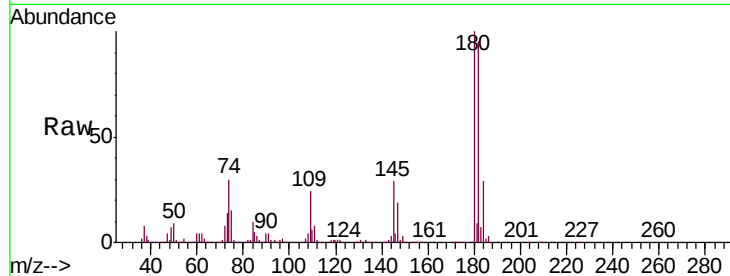




#93
 1,2,4-Trichlorobenzene
 Concen: 100.529 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

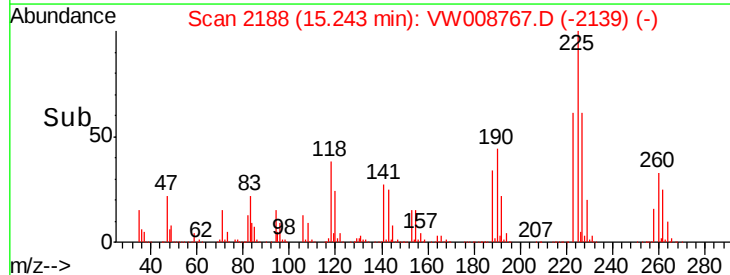
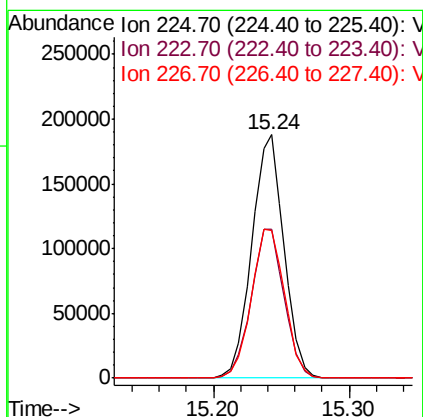
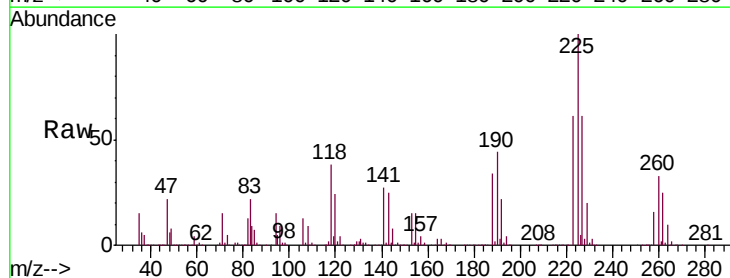
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

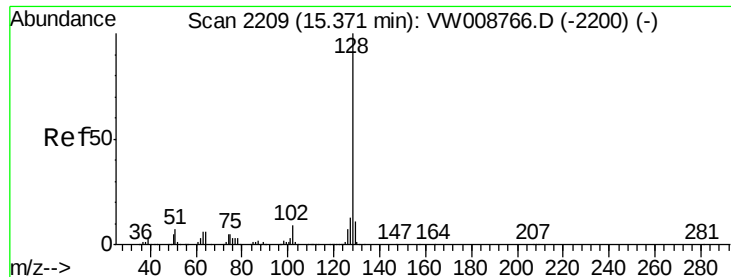
Tgt Ion:180 Resp: 545888
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.2 141.6
 145 29.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 97.041 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008767.D
 Acq: 21 Feb 2019 12:38

Tgt Ion:225 Resp: 310390
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.5 94.5
 227 63.4 31.6 94.8

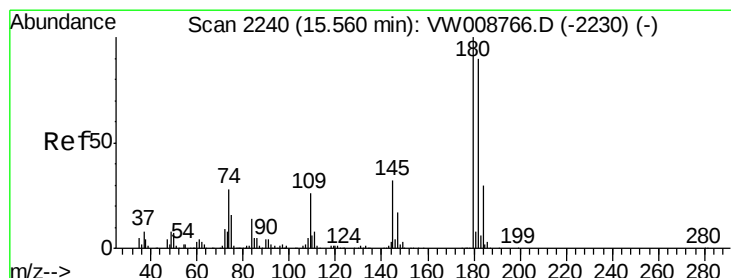
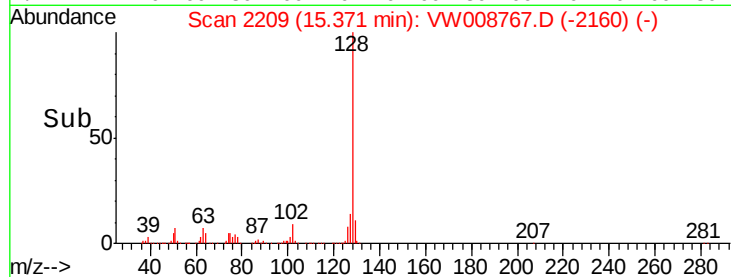
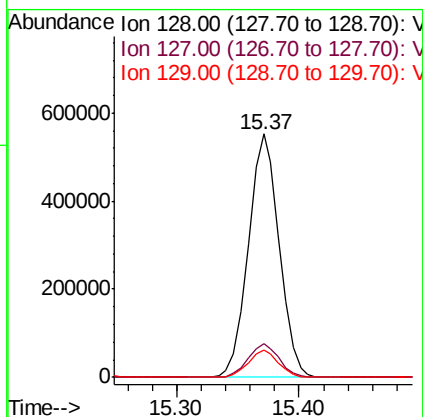
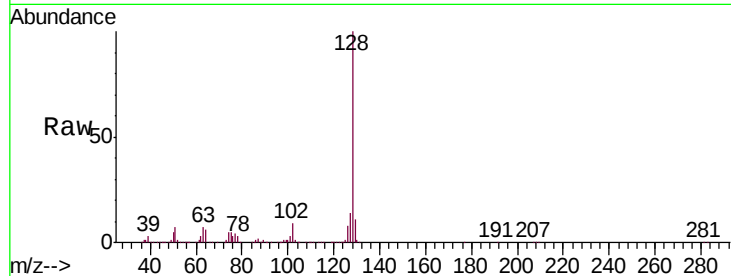




#95
Naphthalene
Concen: 104.331 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 964591
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 97.649 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008767.D
Acq: 21 Feb 2019 12:38

Tgt Ion:180 Resp: 458466
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.8
145 31.8 15.9 47.6

