

Data File : VW008604.D
Acq On : 11 Feb 2019 18:15
Operator : SY/VA
Sample : K1457-05MS
Misc : 5.57G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Quant Time: Feb 12 04:31:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	215150	88.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.00%	
35) Dibromofluoromethane	7.88	113	175538	69.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.36%	
50) Toluene-d8	10.32	98	440038	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	12.62	95	224205	57.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	108107	73.929	ug/l	99
3) Chloromethane	2.21	50	183267	90.724	ug/l	96
4) Vinyl Chloride	2.36	62	237137	92.218	ug/l	100
5) Bromomethane	2.78	94	156310	94.241	ug/l	99
6) Chloroethane	2.92	64	156674	99.624	ug/l	98
7) Trichlorofluoromethane	3.25	101	125060	55.355	ug/l	99
8) Diethyl Ether	3.67	74	120932	97.989	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	91334	40.805	ug/l	98
10) Methyl Iodide	4.26	142	242955	68.721	ug/l	98
11) Tert butyl alcohol	5.17	59	130449	666.445	ug/l	98
12) 1,1-Dichloroethene	4.03	96	137561	60.728	ug/l	95
13) Acrolein	3.88	56	9912	60.620	ug/l	99
14) Allyl chloride	4.65	41	292736	68.057	ug/l	97
15) Acrylonitrile	5.36	53	290098	544.362	ug/l	99
16) Acetone	4.12	43	327534	599.923	ug/l	100
17) Carbon Disulfide	4.37	76	325643	45.012	ug/l	100
18) Methyl Acetate	4.66	43	680342	467.208	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	367452	98.044	ug/l	# 74
20) Methylene Chloride	4.90	84	194529	77.306	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	159990	62.825	ug/l	98
22) Diisopropyl ether	6.31	45	597822	73.334	ug/l	98
23) Vinyl Acetate	6.31	43	321197	66.727	ug/l	# 74
24) 1,1-Dichloroethane	6.21	63	331364	71.811	ug/l	99
25) 2-Butanone	7.17	43	438571	578.340	ug/l	100
26) 2,2-Dichloropropane	7.17	77	197689	63.381	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	192409	69.327	ug/l	99
28) Bromochloromethane	7.51	49	150368	70.948	ug/l	99
29) Tetrahydrofuran	7.52	42	277228	576.894	ug/l	99
30) Chloroform	7.67	83	323842	71.351	ug/l	95
31) Cyclohexane	7.95	56	137656	28.850	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	212647	54.244	ug/l	99
36) 1,1-Dichloropropene	8.07	75	170227	41.526	ug/l	99
37) Ethyl Acetate	7.24	43	16543	9.121	ug/l	# 74
38) Carbon Tetrachloride	8.06	117	166146	40.277	ug/l	97

Data File : VW008604.D
Acq On : 11 Feb 2019 18:15
Operator : SY/VA
Sample : K1457-05MS
Misc : 5.57G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Quant Time: Feb 12 04:31:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	141727	26.318	ug/l	98
40) Benzene	8.32	78	619570	54.468	ug/l	100
41) Methacrylonitrile	7.48	41	96966	90.294	ug/l	93
42) 1,2-Dichloroethane	8.40	62	248812	75.479	ug/l	100
43) Isopropyl Acetate	8.42	43	117966	31.308	ug/l #	62
44) Trichloroethene	9.09	130	131137	42.395	ug/l	97
45) 1,2-Dichloropropane	9.37	63	164113	57.863	ug/l	99
46) Dibromomethane	9.46	93	100986	69.226	ug/l	97
47) Bromodichloromethane	9.64	83	224760	58.251	ug/l	99
48) Methyl methacrylate	9.43	41	212691	115.445	ug/l	94
49) 1,4-Dioxane	9.44	88	54731	2219.617	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	890459	478.365	ug/l	99
52) Toluene	10.38	92	298499	39.753	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	229978	56.014	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	251174	53.907	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	200526	99.103	ug/l	97
56) Ethyl methacrylate	10.65	69	234509	82.712	ug/l #	85
57) 1,3-Dichloropropane	10.93	76	235445	64.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	559770	406.349	ug/l	99
59) 2-Hexanone	10.97	43	663627	504.999	ug/l	94
60) Dibromochloromethane	11.13	129	140519	54.041	ug/l	99
61) 1,2-Dibromoethane	11.23	107	127563	63.581	ug/l #	75
64) Tetrachloroethene	10.86	164	80214	45.681	ug/l	97
65) Chlorobenzene	11.66	112	286013	54.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	117937	62.262	ug/l	98
67) Ethyl Benzene	11.73	91	420180	43.176	ug/l	99
68) m/p-Xylenes	11.84	106	318491	84.349	ug/l	98
69) o-Xylene	12.17	106	167416	46.664	ug/l	96
70) Styrene	12.18	104	275253	46.448	ug/l	97
71) Bromoform	12.35	173	86850	81.492	ug/l #	95
73) Isopropylbenzene	12.46	105	363847	30.904	ug/l	100
74) N-amyl acetate	12.25	43	231833	76.437	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.71	83	304155	163.178	ug/l	87
76) 1,2,3-Trichloropropane	12.77	75	216067	157.367	ug/l #	1
77) Bromobenzene	12.75	156	101652	39.535	ug/l #	48
78) n-propylbenzene	12.80	91	409776	28.979	ug/l	96
79) 2-Chlorotoluene	12.89	91	293733	36.811	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	589287	59.884	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	57632	82.904	ug/l #	77
82) 4-Chlorotoluene	12.99	91	276436	32.539	ug/l	80
83) tert-Butylbenzene	13.21	119	241639	27.594	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	253483	25.343	ug/l	98
85) sec-Butylbenzene	13.38	105	310148	24.800	ug/l	100
86) p-Isopropyltoluene	13.50	119	262102	23.926	ug/l	90
87) 1,3-Dichlorobenzene	13.50	146	138726	26.716	ug/l #	9
88) 1,4-Dichlorobenzene	13.58	146	136568	26.464	ug/l #	2
89) n-Butylbenzene	13.83	91	220264	20.478	ug/l	89
90) Hexachloroethane	14.10	117	68958	32.189	ug/l	69
91) 1,2-Dichlorobenzene	13.87	146	125280	27.267	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29158	82.445	ug/l	77

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021119\
Quantitation Report (Not Reviewed)

Data File : VW008604.D
Acq On : 11 Feb 2019 18:15
Operator : SY/VA
Sample : K1457-05MS
Misc : 5.57G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Quant Time: Feb 12 04:31:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51771	15.790	ug/l #	56
94) Hexachlorobutadiene	15.24	225	23978	12.135	ug/l	98
95) Naphthalene	15.37	128	159815	27.760	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.56	180	54017	19.421	ug/l #	62

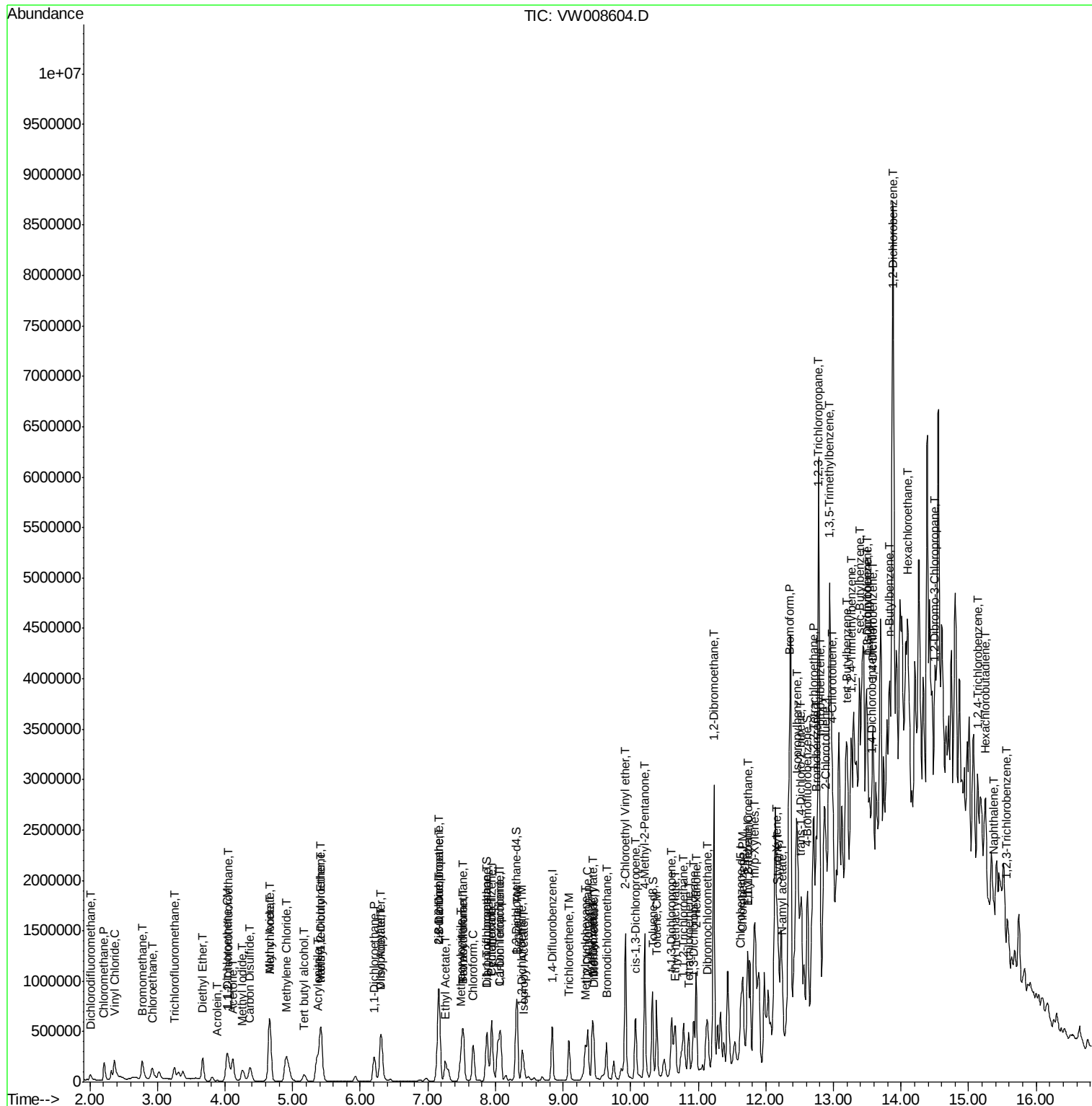
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008604.D

```
Acq On       : 11 Feb 2019  18:15
Operator     : SY/VA
Sample       : K1457-05MS
Misc        : 5.57G/5ML/MSVOA_W/
ALS Vial     : 17      Sample Multip
```

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Quant Time: Feb 12 04:31:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

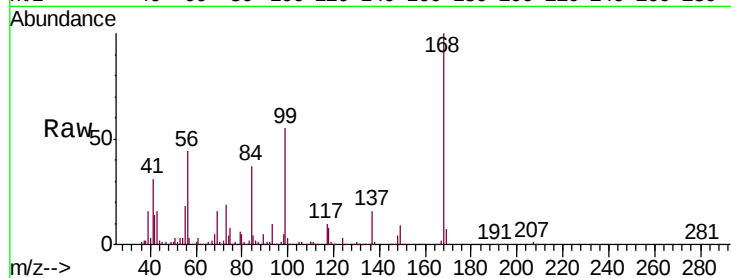
SB-10(0-5)MS

Tgt Ion:168 Resp: 247473

Ion Ratio Lower Upper

168 100

99 55.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

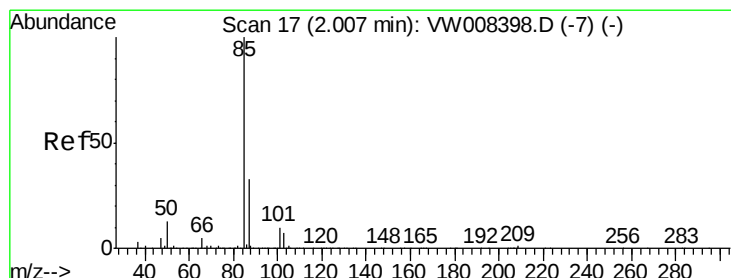
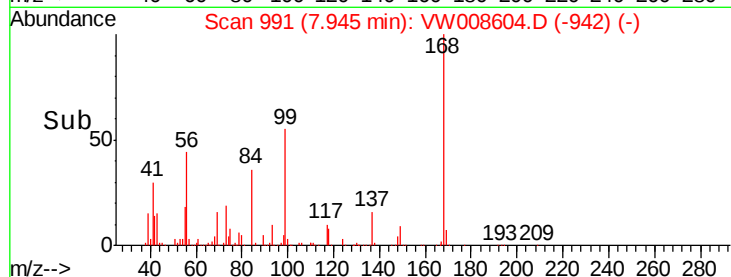
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 73.929 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008604.D

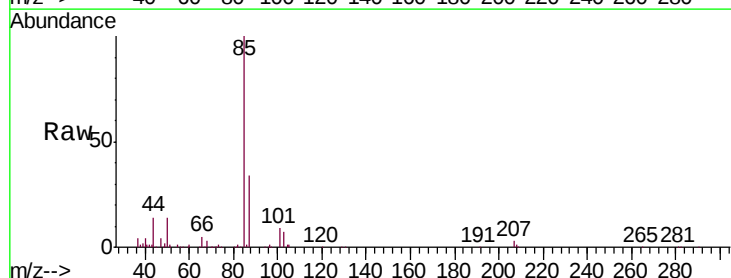
Acq: 11 Feb 2019 18:15

Tgt Ion: 85 Resp: 108107

Ion Ratio Lower Upper

85 100

87 34.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

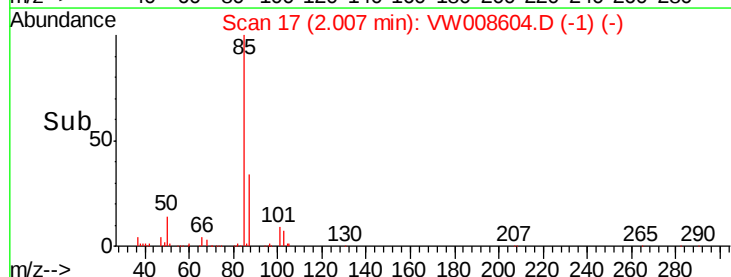
30000

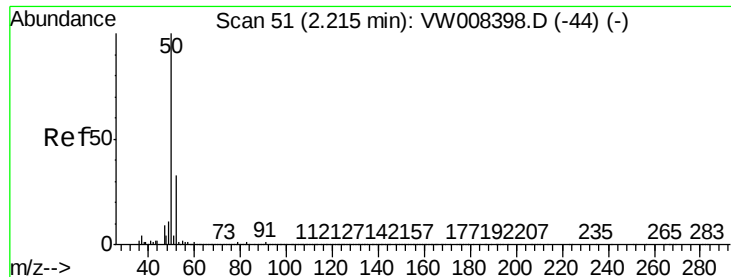
20000

10000

0

Time-->

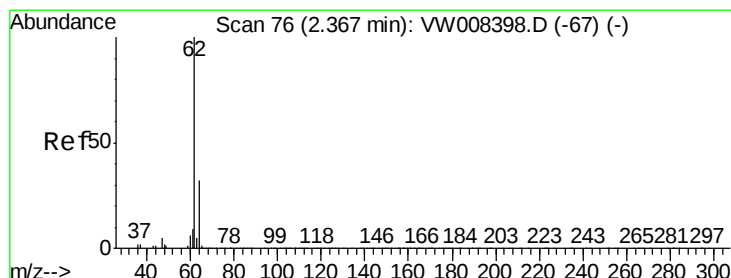
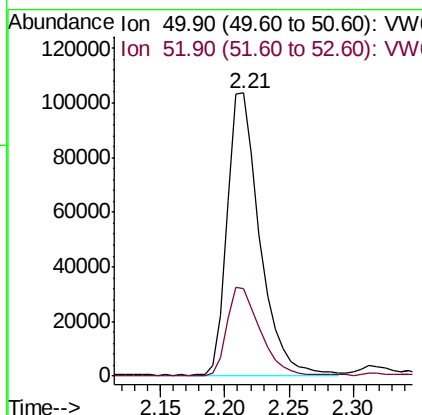
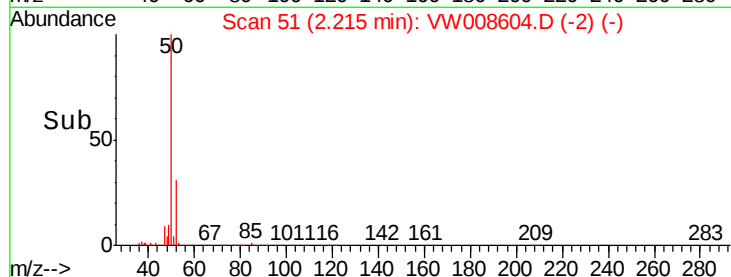
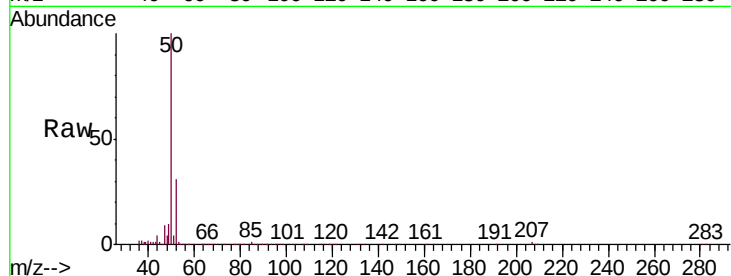




#3
Chloromethane
Concen: 90.724 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

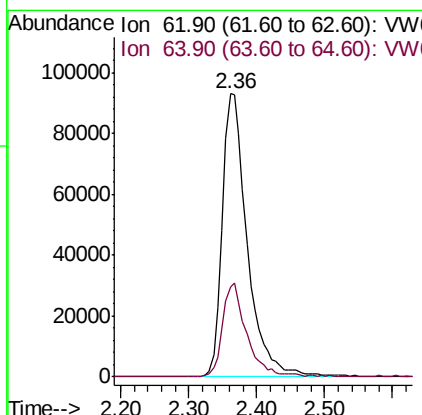
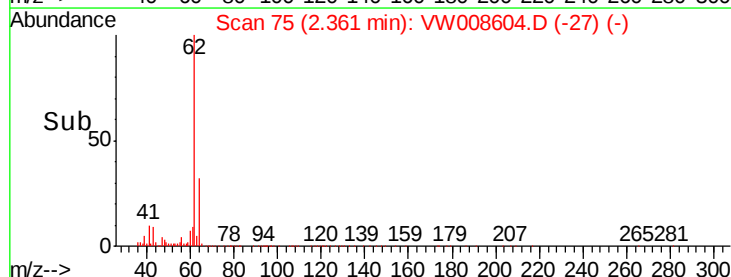
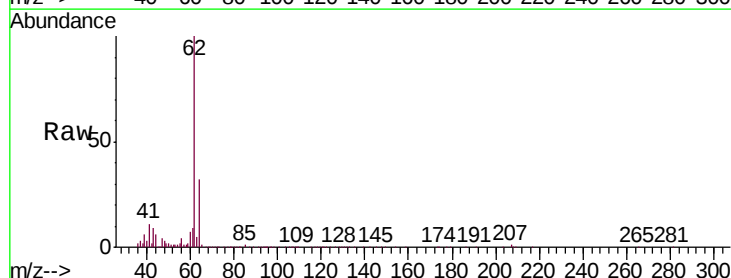
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

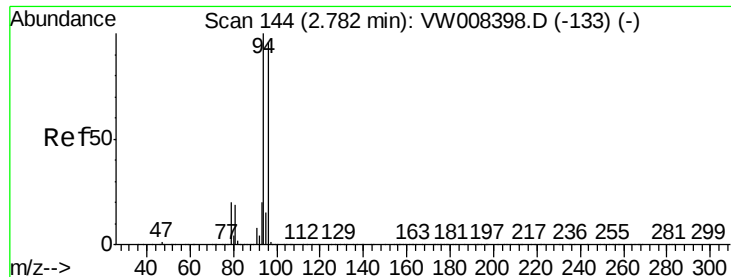
Tgt Ion: 50 Resp: 183267
Ion Ratio Lower Upper
50 100
52 30.9 26.3 39.5



#4
Vinyl Chloride
Concen: 92.218 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 62 Resp: 237137
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3





#5

Bromomethane

Concen: 94.241 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

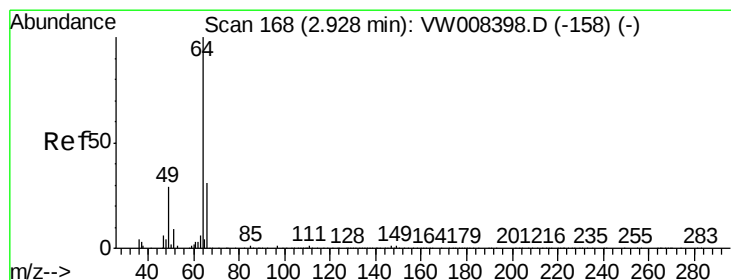
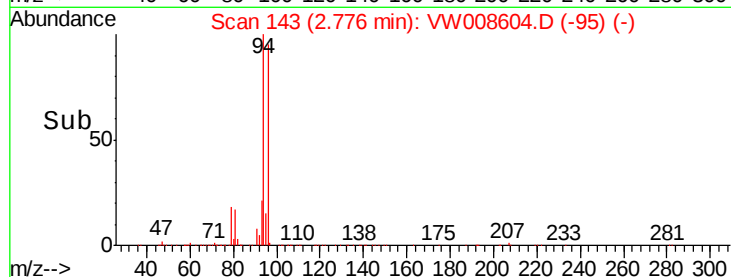
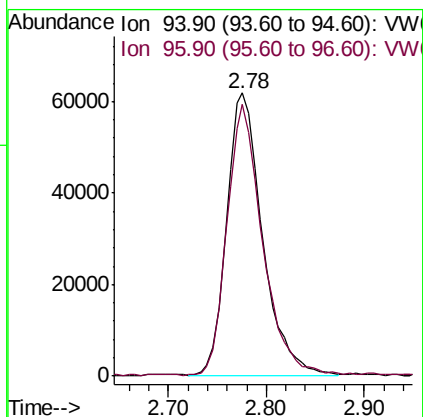
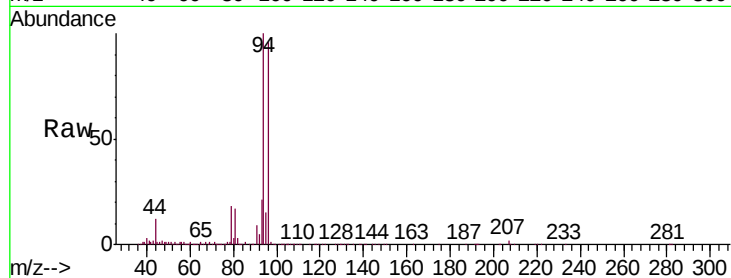
SB-10(0-5)MS

Tgt Ion: 94 Resp: 156310

Ion Ratio Lower Upper

94 100

96 95.5 77.2 115.8



#6

Chloroethane

Concen: 99.624 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008604.D

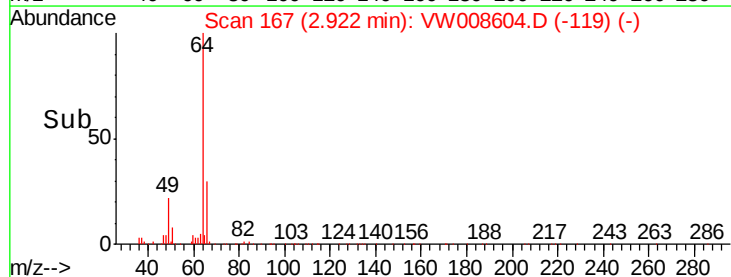
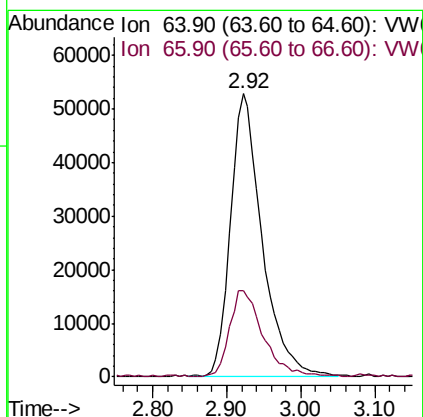
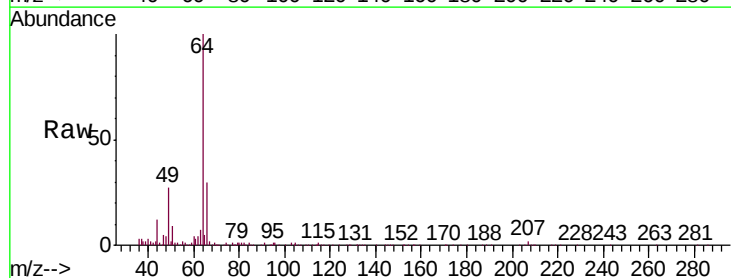
Acq: 11 Feb 2019 18:15

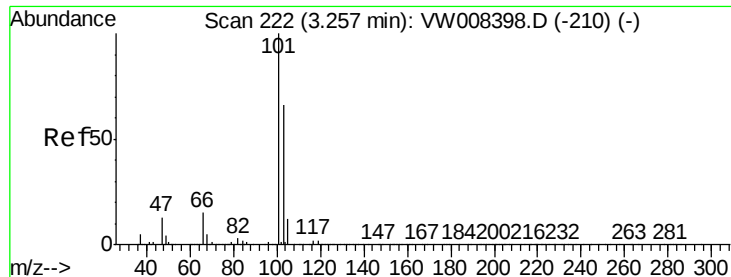
Tgt Ion: 64 Resp: 156674

Ion Ratio Lower Upper

64 100

66 30.2 24.9 37.3



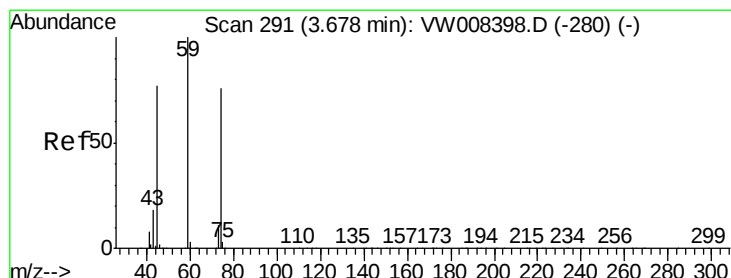
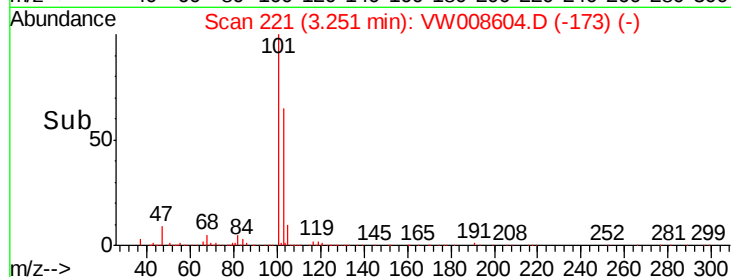
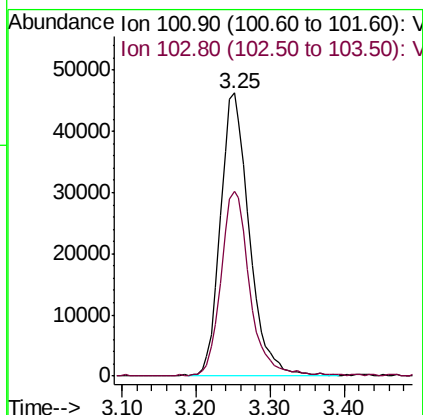
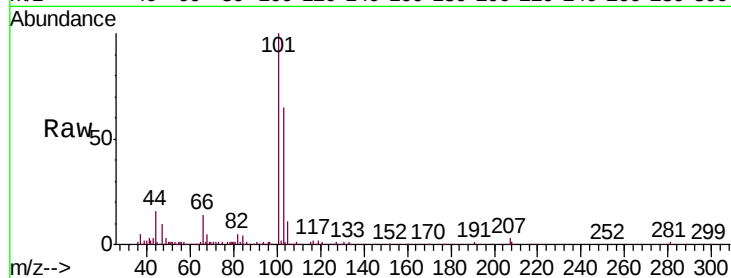


#7

Trichlorofluoromethane
 Concen: 55.355 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

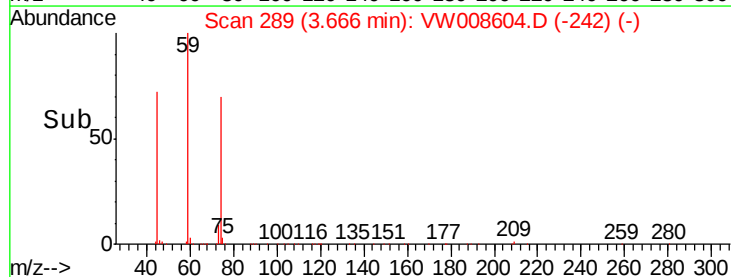
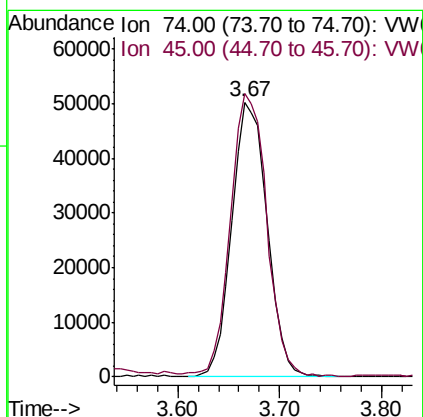
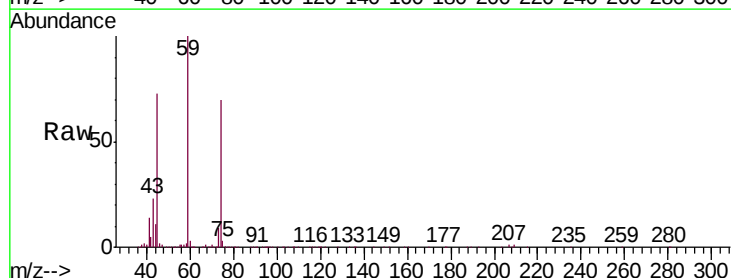
Tgt Ion:101 Resp: 125060
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.5 78.7



#8

Diethyl Ether
 Concen: 97.989 ug/l
 RT: 3.67 min Scan# 289
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion: 74 Resp: 120932
 Ion Ratio Lower Upper
 74 100
 45 105.2 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.805 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

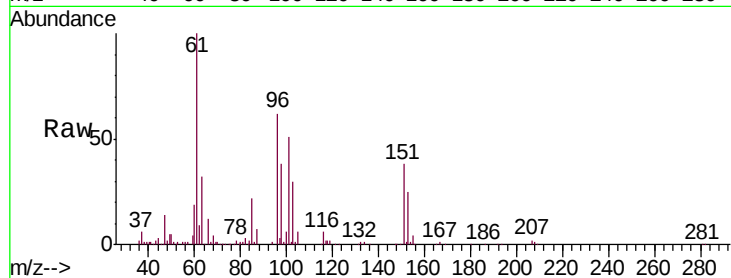
Tgt Ion:101 Resp: 91334

Ion Ratio Lower Upper

101 100

85 45.9 35.0 52.4

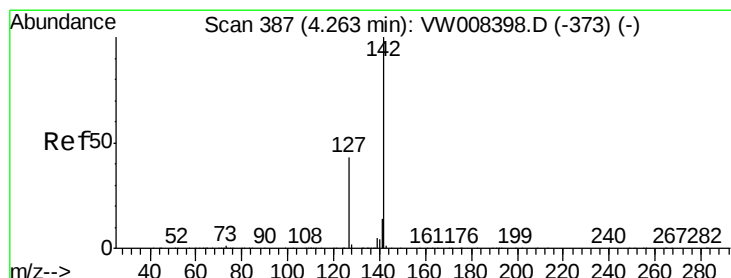
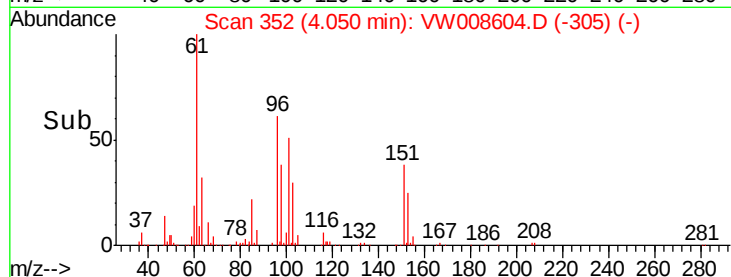
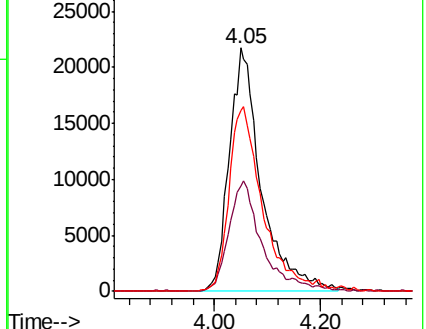
151 77.9 62.6 94.0



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: 68.721 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

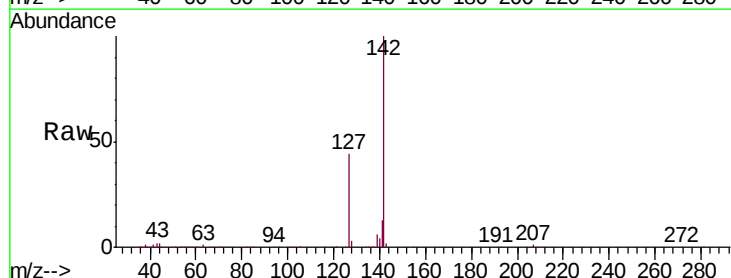
Tgt Ion:142 Resp: 242955

Ion Ratio Lower Upper

142 100

127 44.7 34.6 52.0

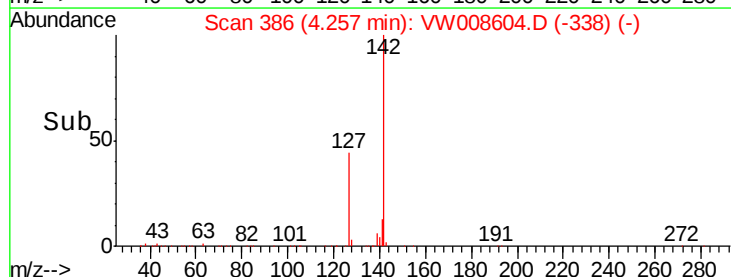
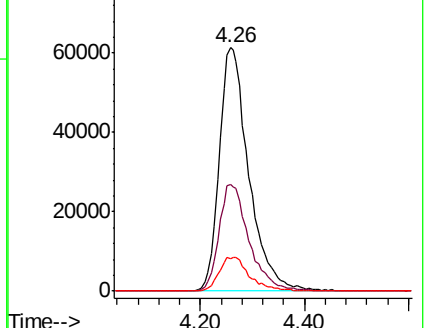
141 14.3 11.4 17.2

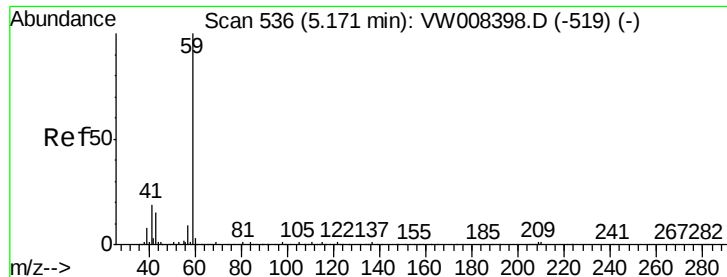


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 666.445 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

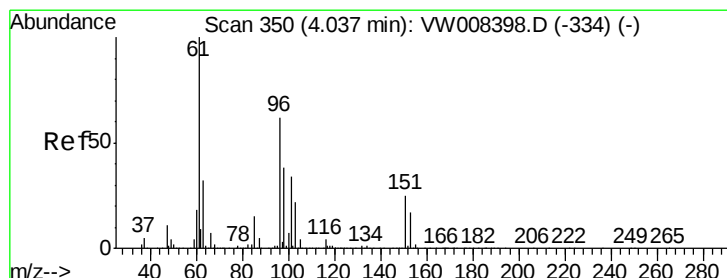
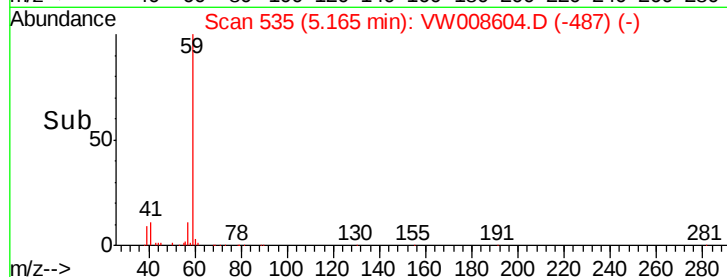
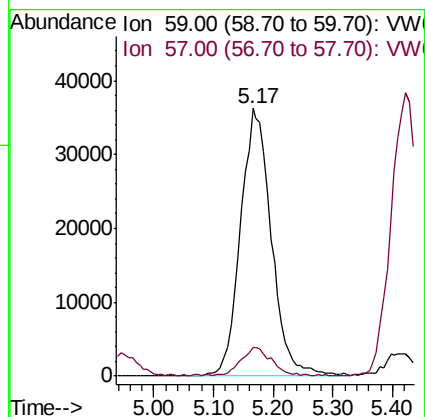
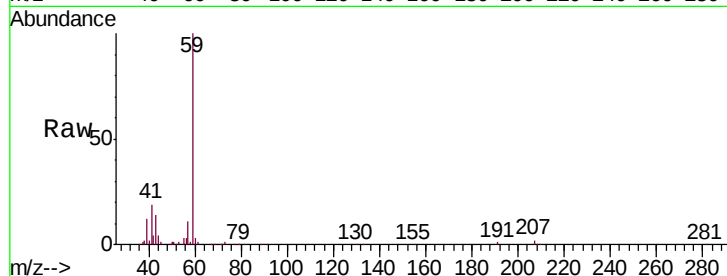
SB-10(0-5)MS

Tgt Ion: 59 Resp: 130449

Ion Ratio Lower Upper

59 100

57 10.9 9.3 13.9



#12

1,1-Dichloroethene

Concen: 60.728 ug/l

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

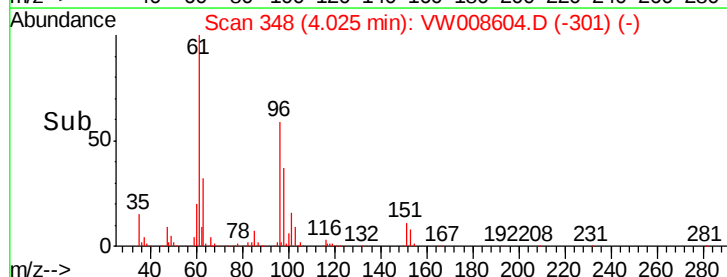
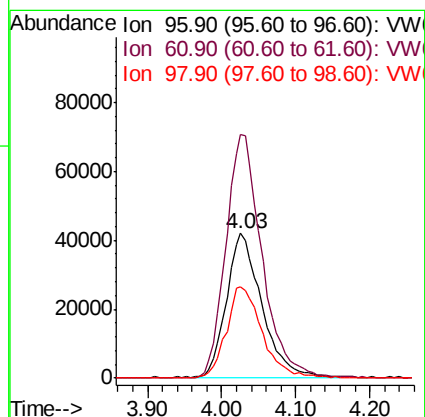
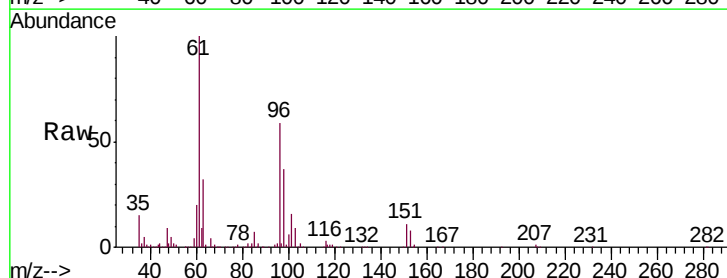
Tgt Ion: 96 Resp: 137561

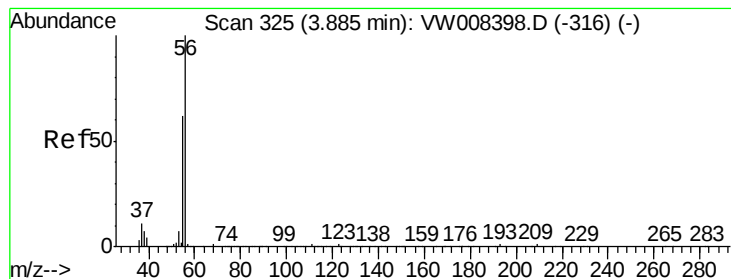
Ion Ratio Lower Upper

96 100

61 169.2 129.5 194.3

98 62.9 48.6 73.0





#13

Acrolein

Concen: 60.620 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

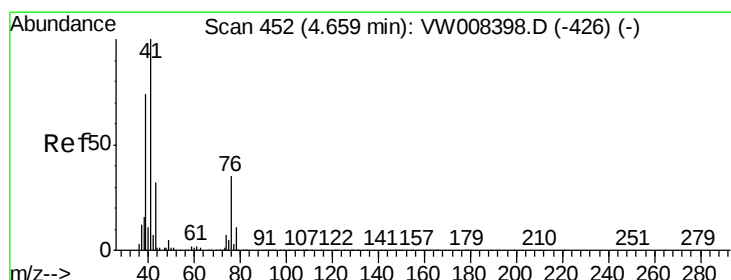
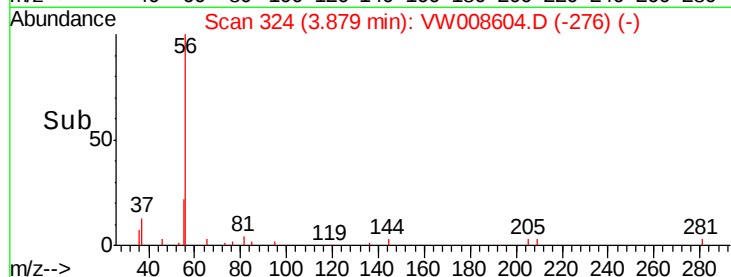
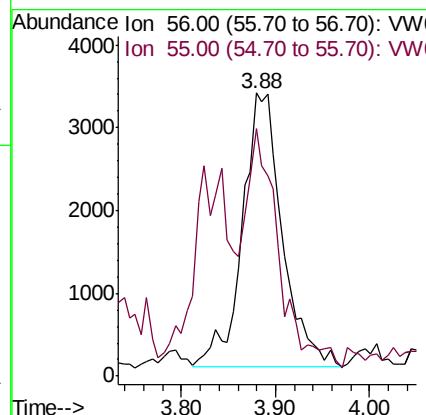
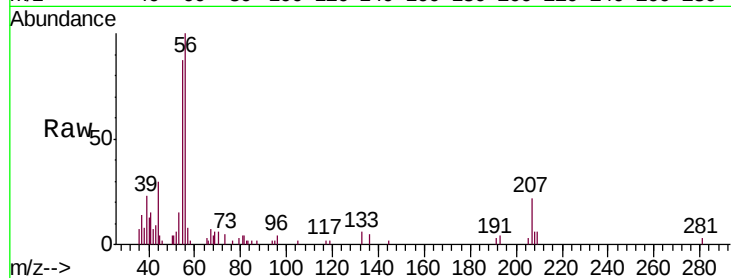
SB-10(0-5)MS

Tgt Ion: 56 Resp: 9912

Ion Ratio Lower Upper

56 100

55 69.8 56.7 85.1



#14

Allyl chloride

Concen: 68.057 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

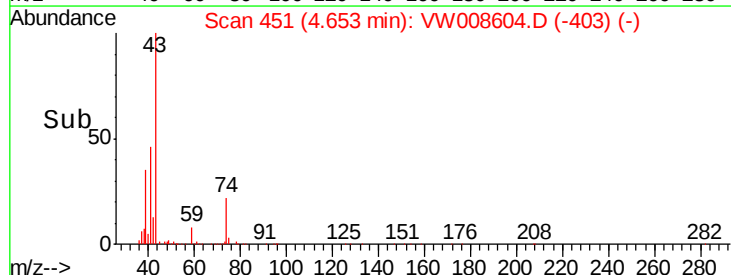
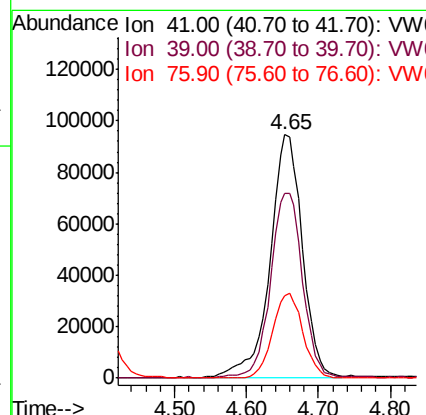
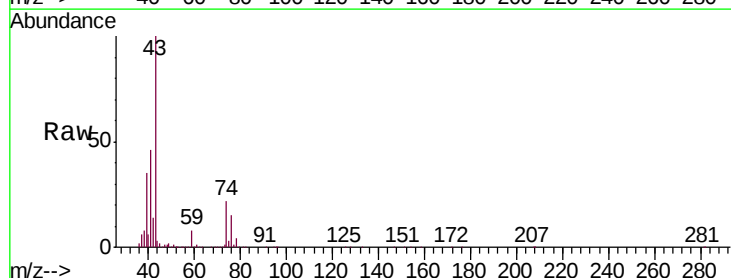
Tgt Ion: 41 Resp: 292736

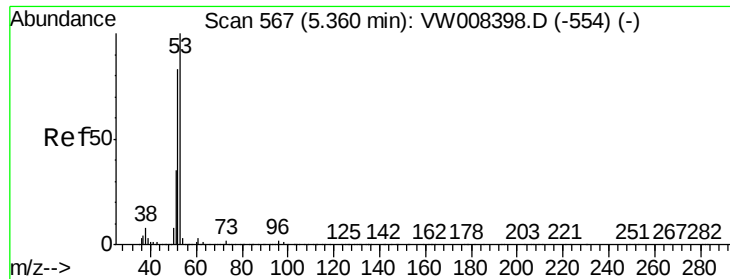
Ion Ratio Lower Upper

41 100

39 74.9 57.7 86.5

76 32.7 26.9 40.3





#15

Acrylonitrile

Concen: 544.362 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

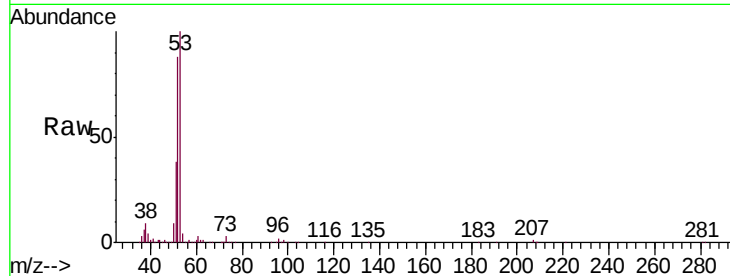
Tgt Ion: 53 Resp: 290098

Ion Ratio Lower Upper

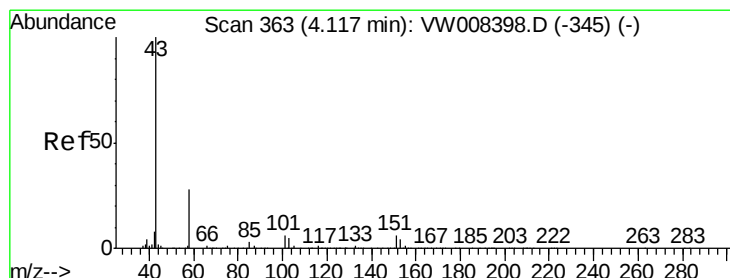
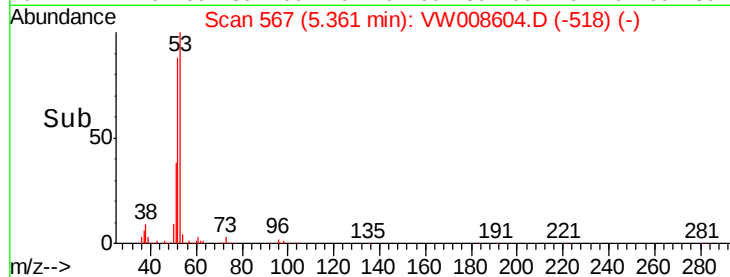
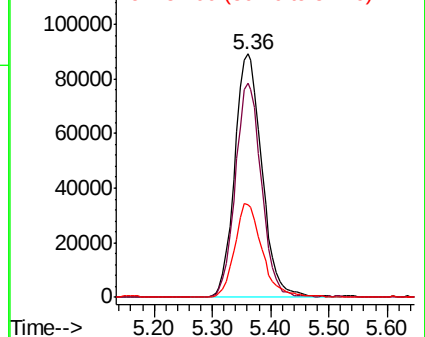
53 100

52 83.7 67.0 100.4

51 38.6 29.8 44.8



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: 599.923 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008604.D

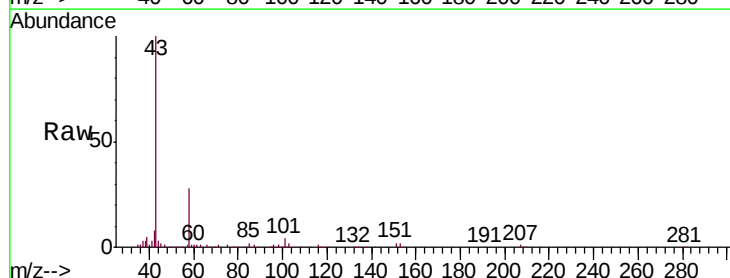
Acq: 11 Feb 2019 18:15

Tgt Ion: 43 Resp: 327534

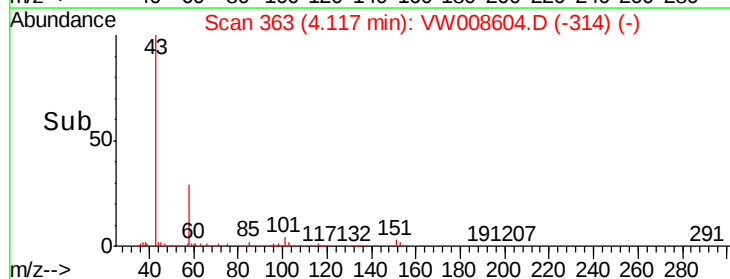
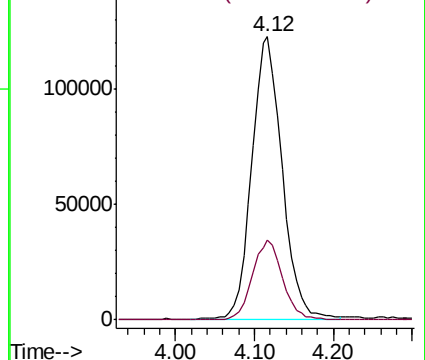
Ion Ratio Lower Upper

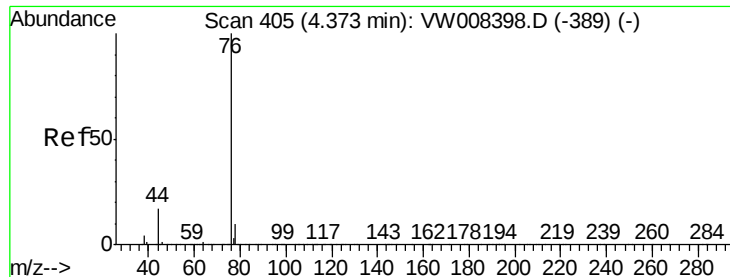
43 100

58 28.2 22.6 34.0



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

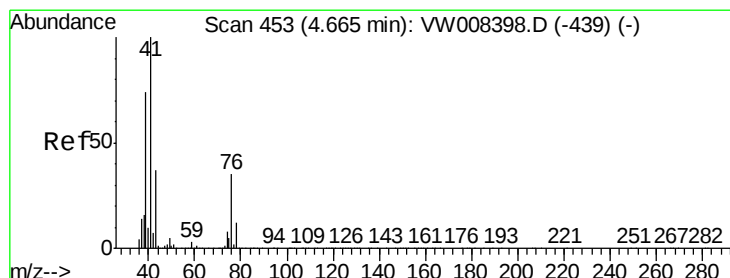
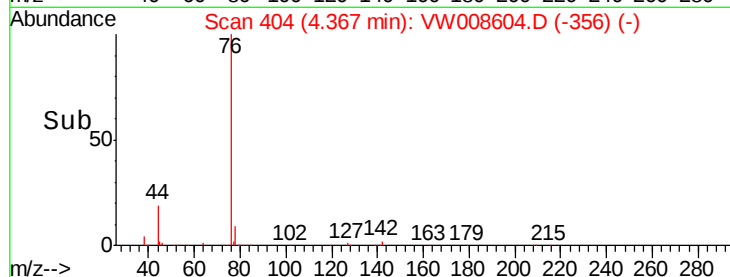
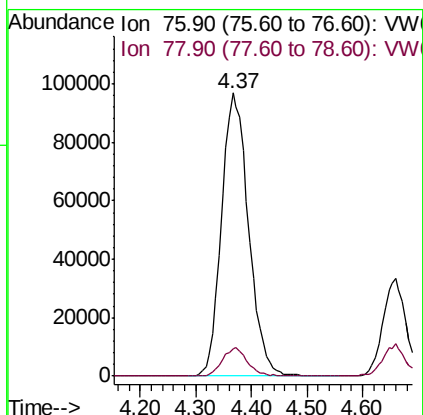
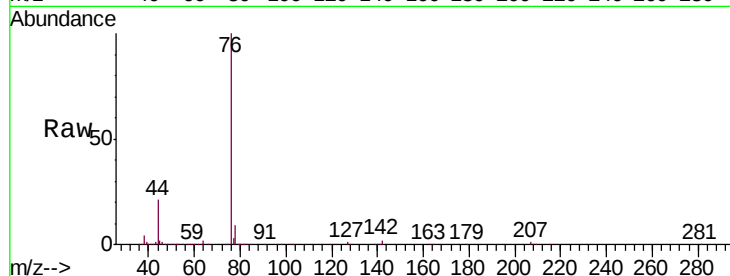




#17
Carbon Disulfide
Concen: 45.012 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

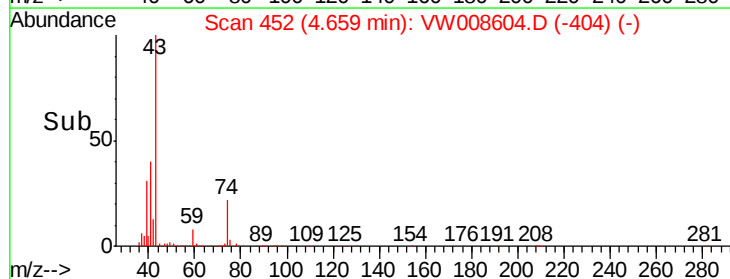
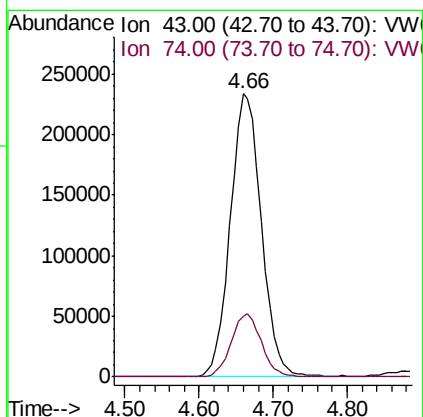
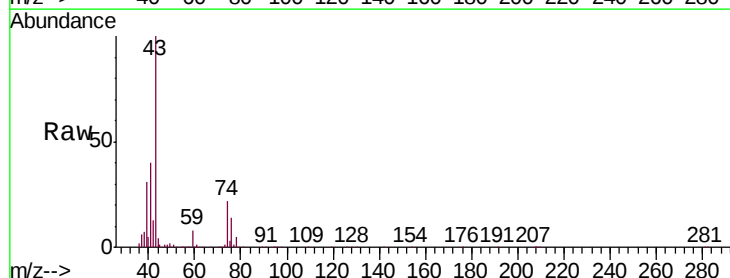
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

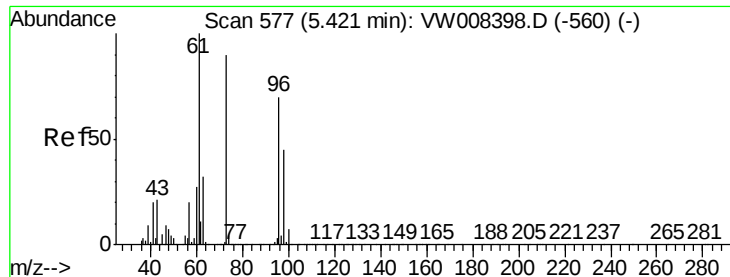
Tgt Ion: 76 Resp: 325643
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 467.208 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 43 Resp: 680342
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



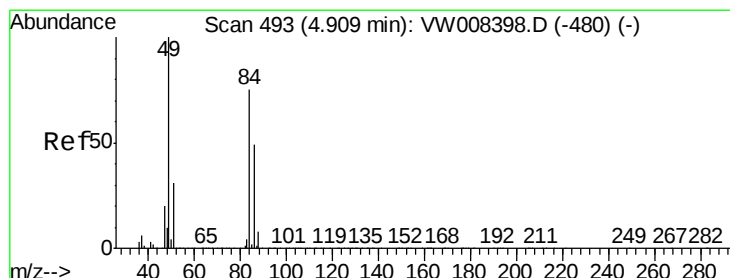
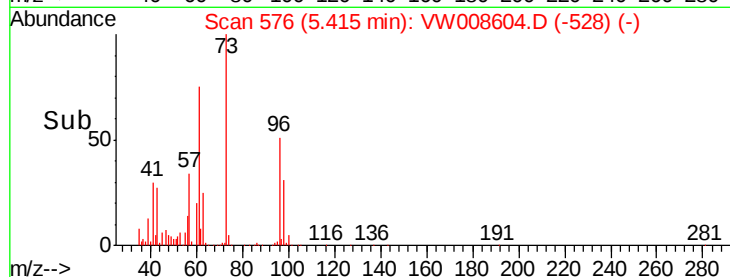
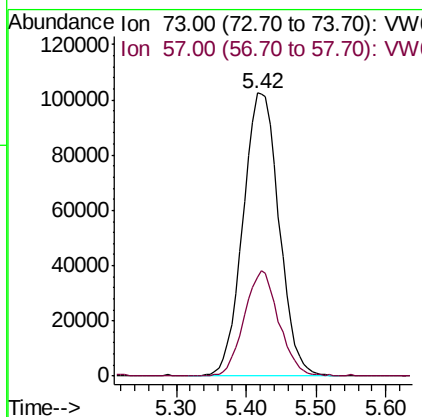
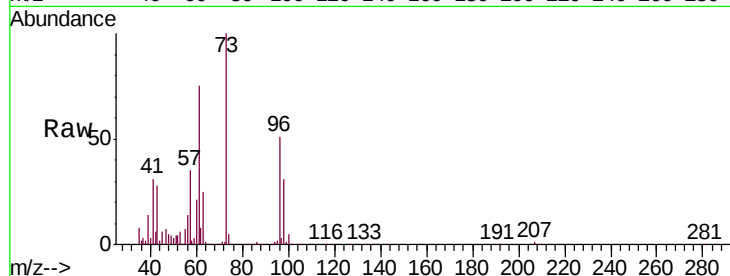


#19

Methyl tert-butyl Ether
 Concen: 98.044 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

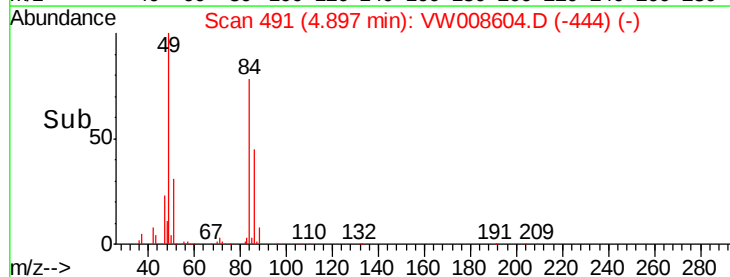
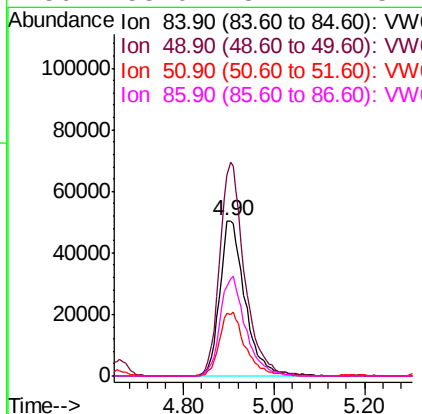
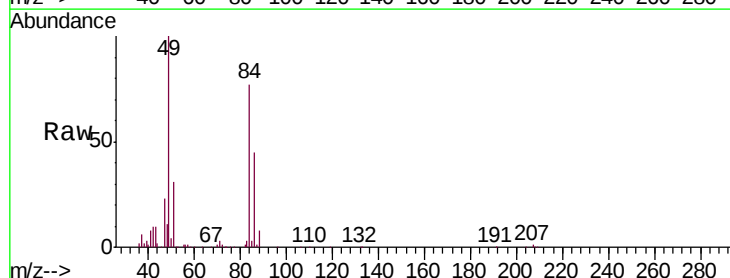
Tgt Ion: 73 Resp: 367452
 Ion Ratio Lower Upper
 73 100
 57 34.8 18.0 27.0#

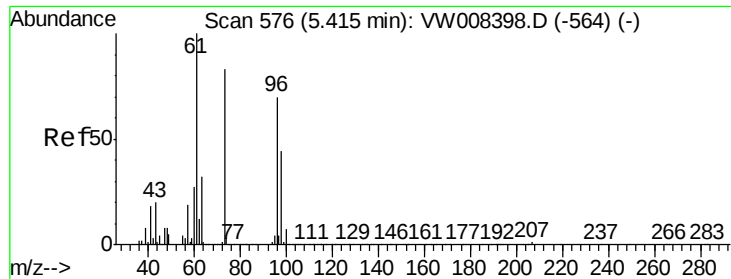


#20

Methylene Chloride
 Concen: 77.306 ug/l
 RT: 4.90 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion: 84 Resp: 194529
 Ion Ratio Lower Upper
 84 100
 49 129.2 106.8 160.2
 51 40.0 32.9 49.3
 86 58.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 62.825 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

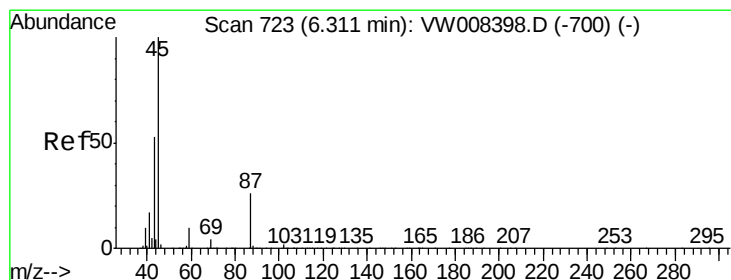
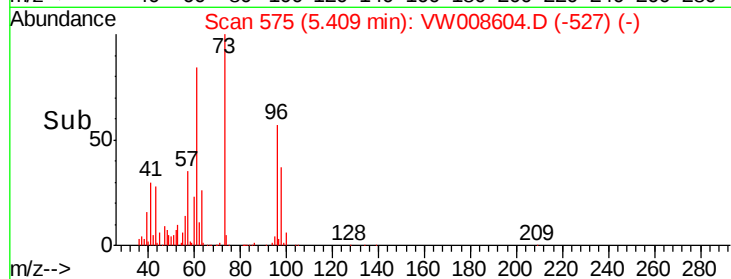
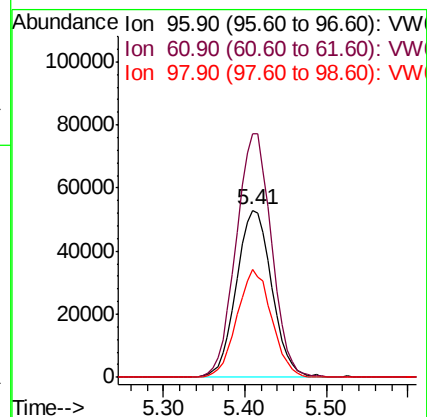
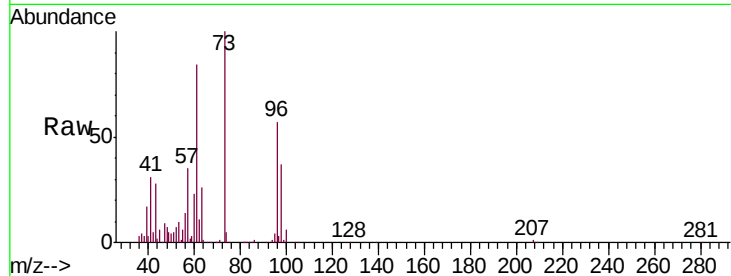
Tgt Ion: 96 Resp: 159990

Ion Ratio Lower Upper

96 100

61 145.8 114.4 171.6

98 64.3 50.6 75.8



#22

Diisopropyl ether

Concen: 73.334 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion: 45 Resp: 597822

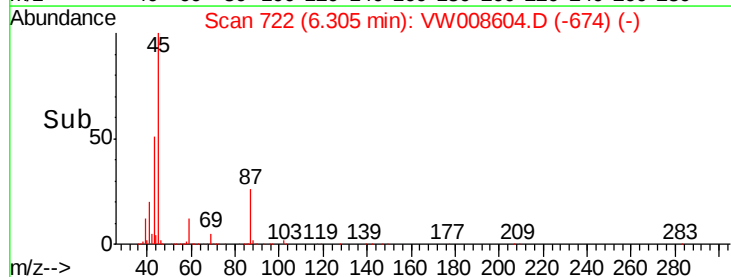
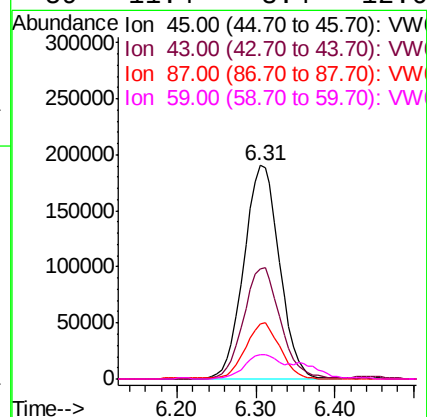
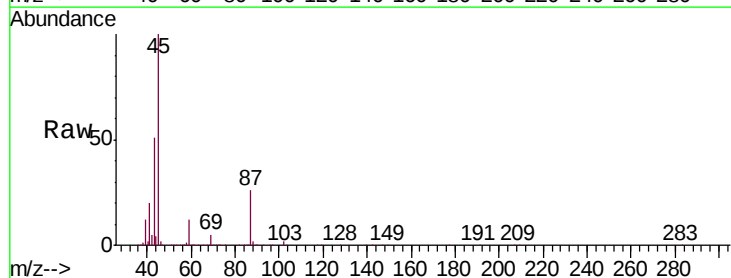
Ion Ratio Lower Upper

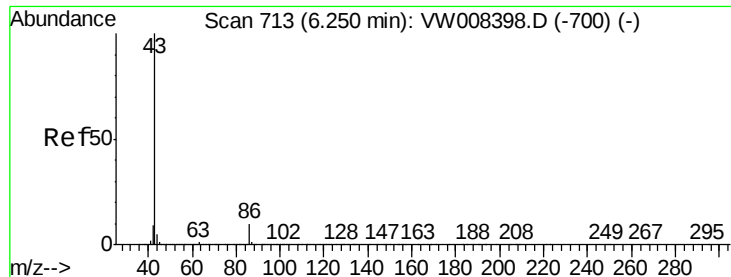
45 100

43 51.1 42.6 63.8

87 25.6 20.3 30.5

59 11.4 8.4 12.6





#23

Vinyl Acetate

Concen: 66.727 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.06 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampled :

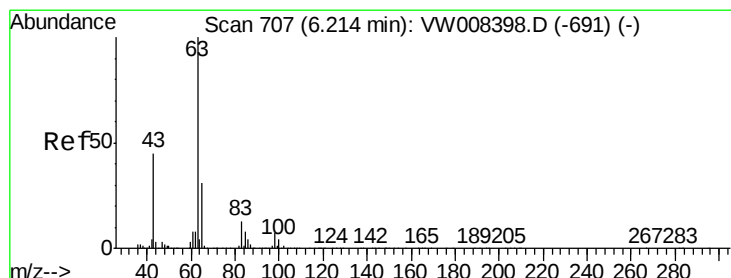
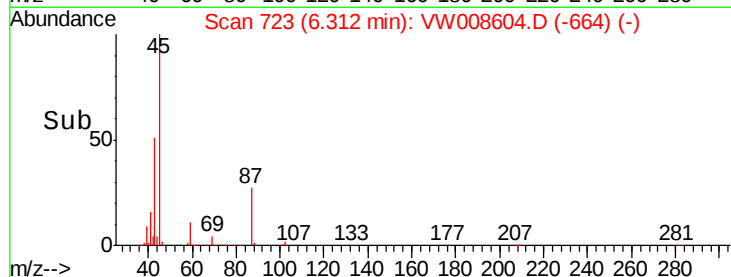
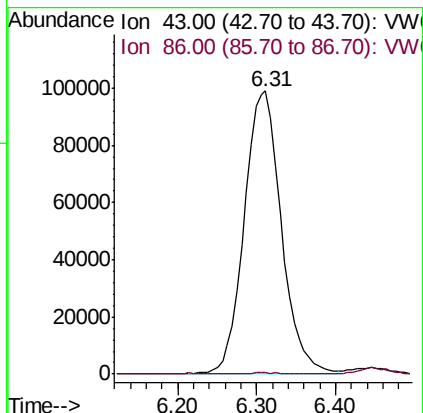
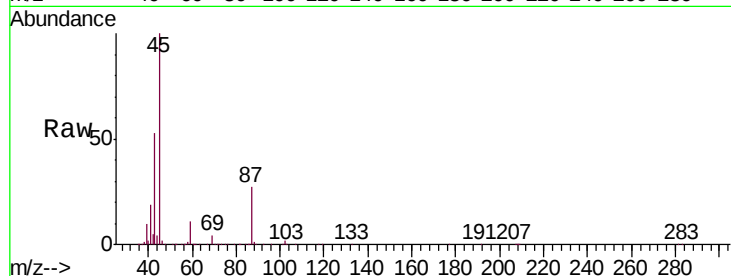
SB-10(0-5)MS

Tgt Ion: 43 Resp: 321197

Ion Ratio Lower Upper

43 100

86 0.2 7.8 11.8#



#24

1,1-Dichloroethane

Concen: 71.811 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

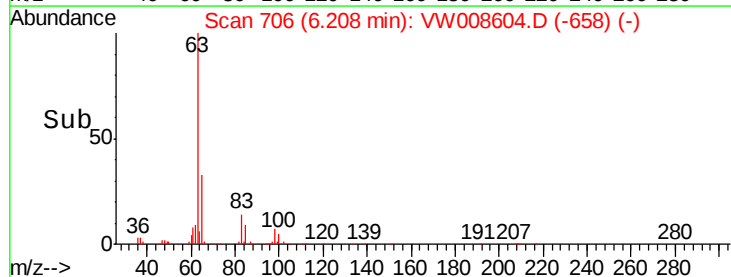
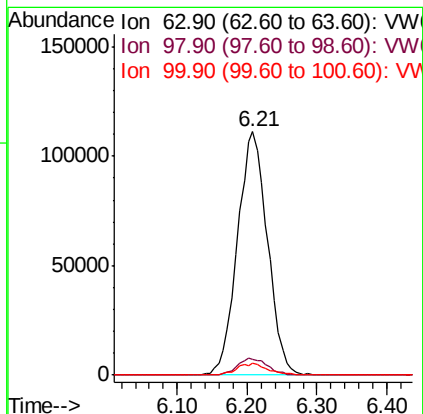
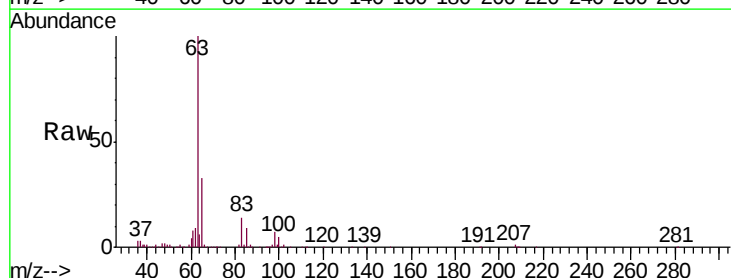
Tgt Ion: 63 Resp: 331364

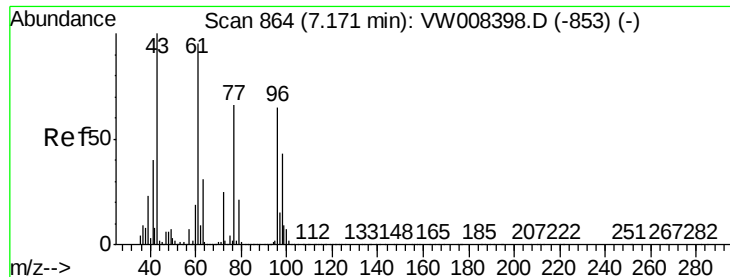
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.8 2.1 6.2





#25

2-Butanone

Concen: 578.340 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

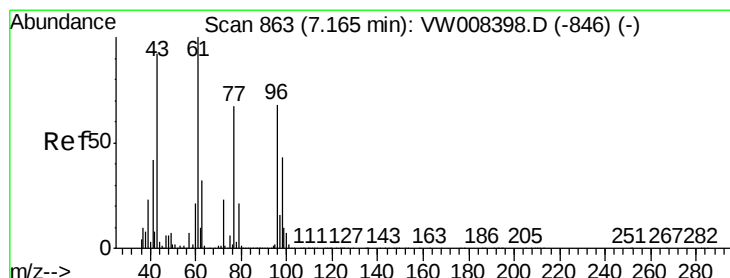
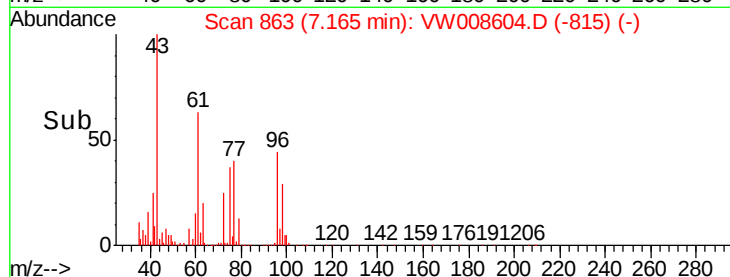
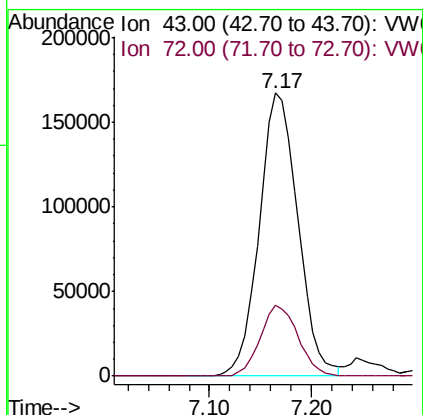
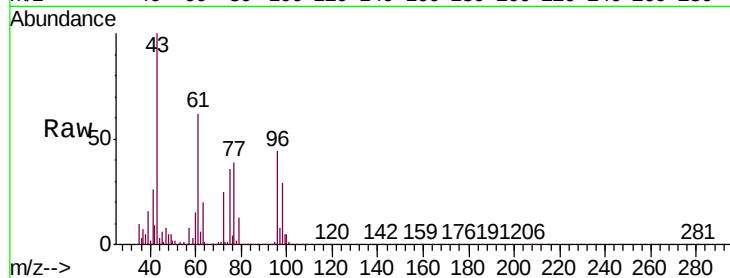
SB-10(0-5)MS

Tgt Ion: 43 Resp: 438571

Ion Ratio Lower Upper

43 100

72 25.1 20.1 30.1



#26

2,2-Dichloropropane

Concen: 63.381 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008604.D

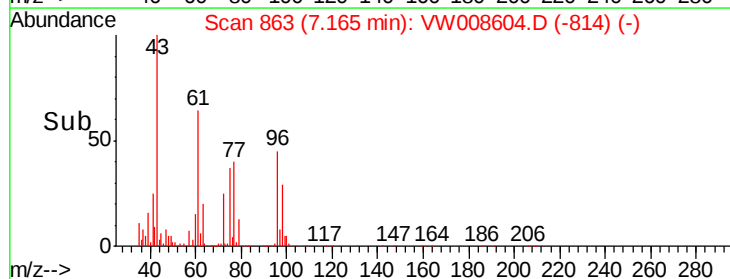
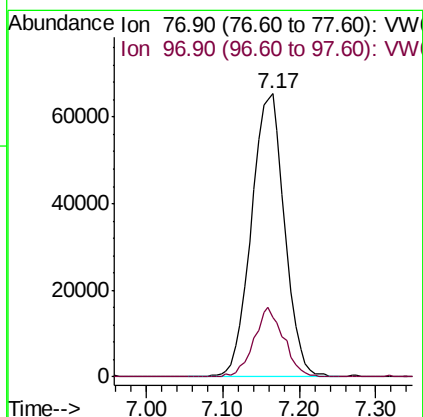
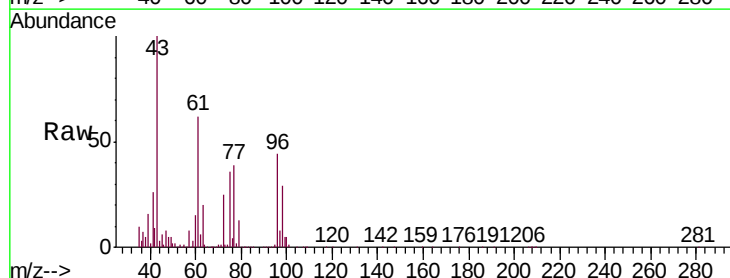
Acq: 11 Feb 2019 18:15

Tgt Ion: 77 Resp: 197689

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5



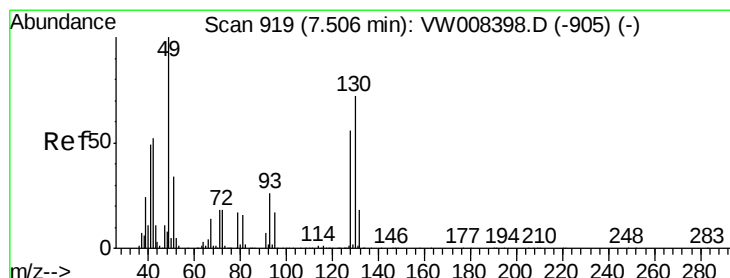
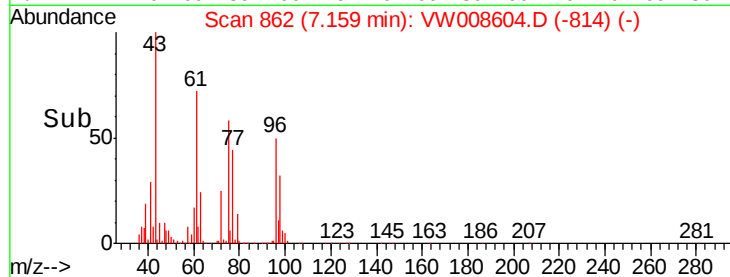
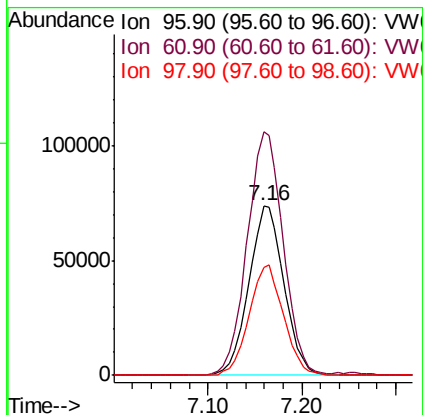
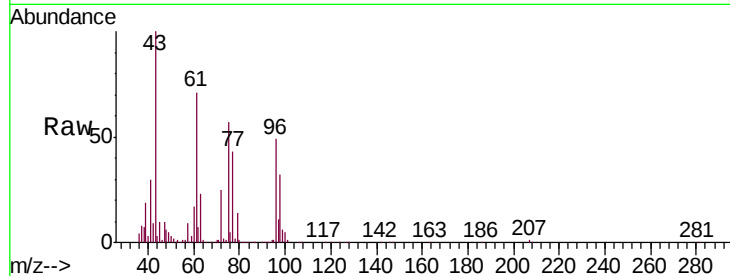


#27

cis-1,2-Dichloroethene
 Concen: 69.327 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

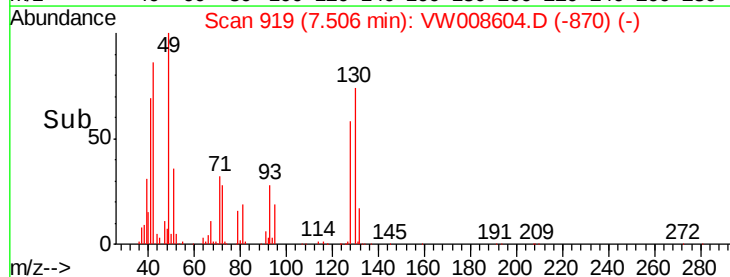
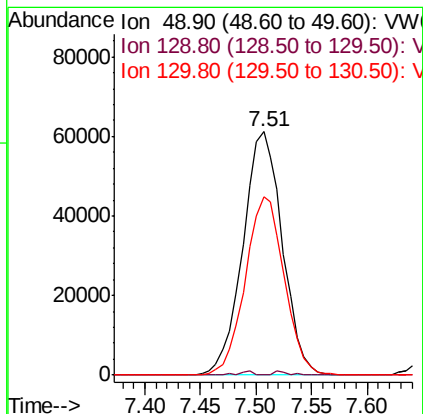
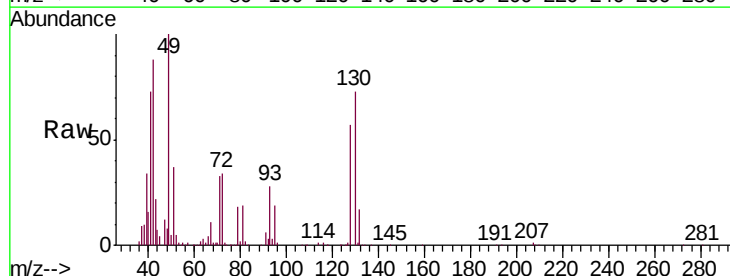
Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	292.8
98	64.2	0.0	129.2

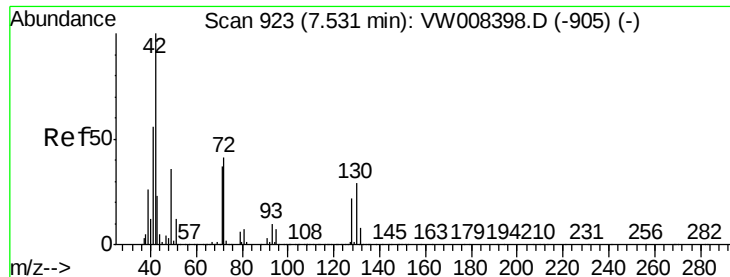


#28

Bromochloromethane
 Concen: 70.948 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.6
130	72.8	58.6	87.8

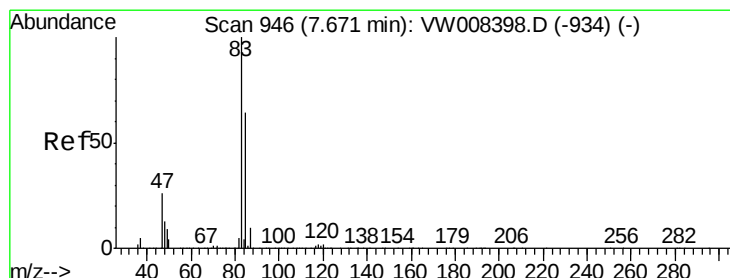
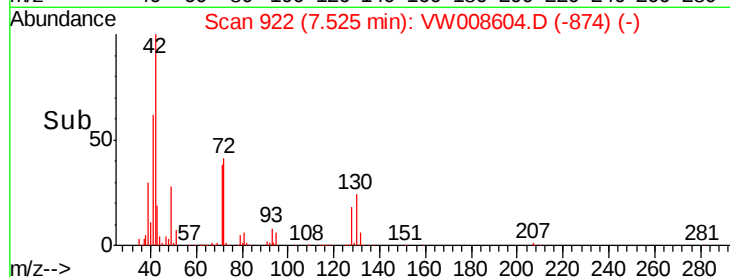
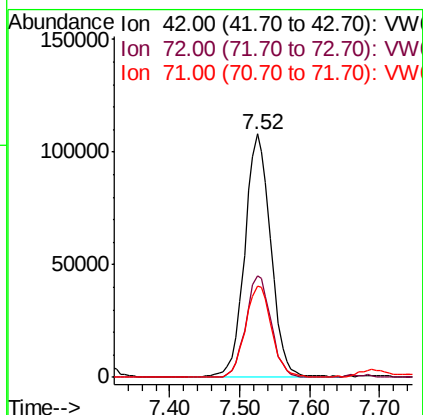
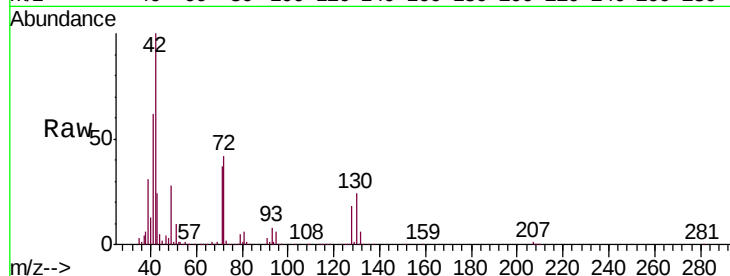




#29
Tetrahydrofuran
Concen: 576.894 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

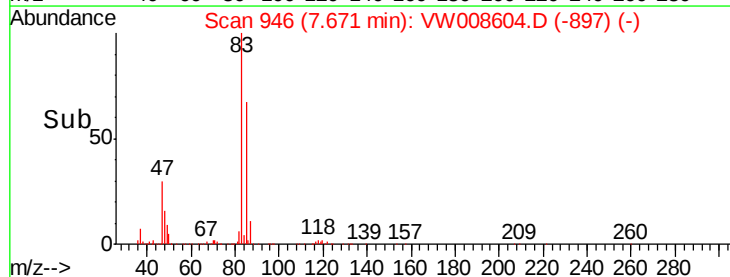
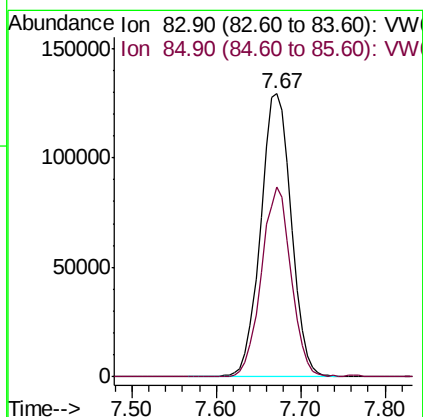
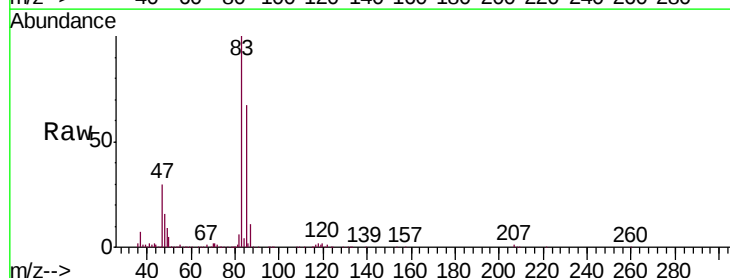
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

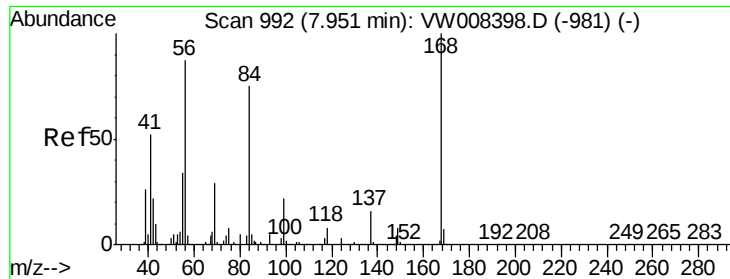
Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.7	31.9	47.9
71	38.2	29.9	44.9



#30
Chloroform
Concen: 71.351 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.9	76.3

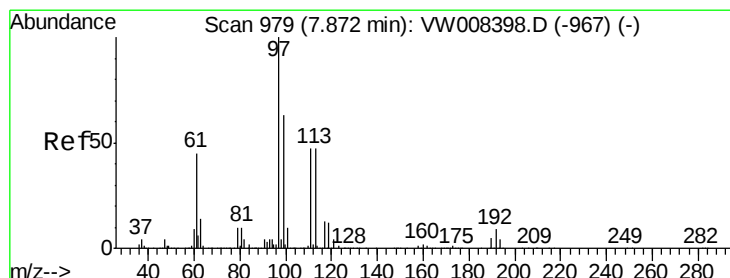
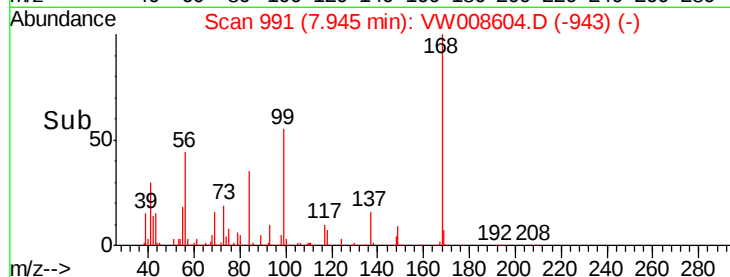
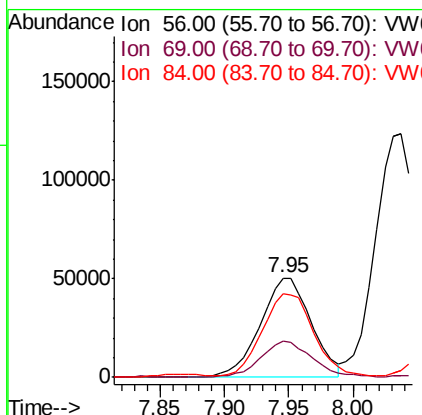
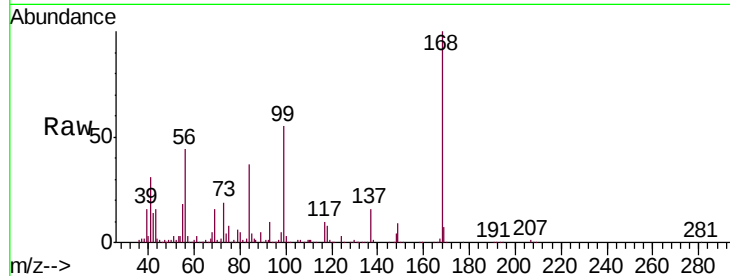




#31
Cyclohexane
Concen: 28.850 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

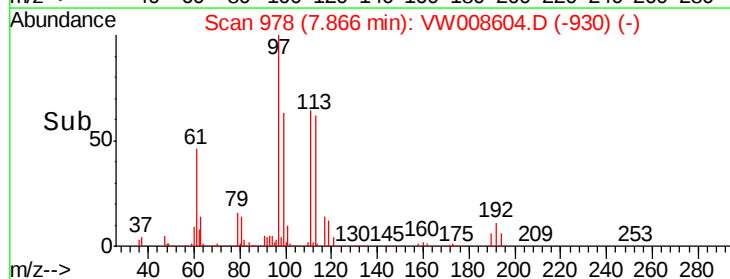
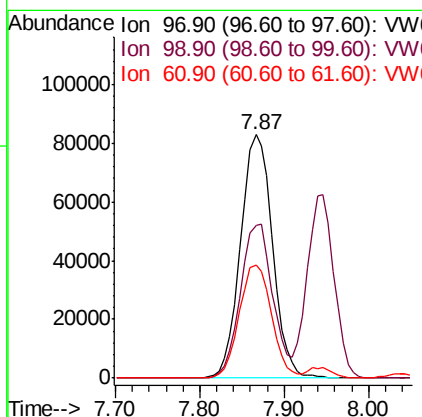
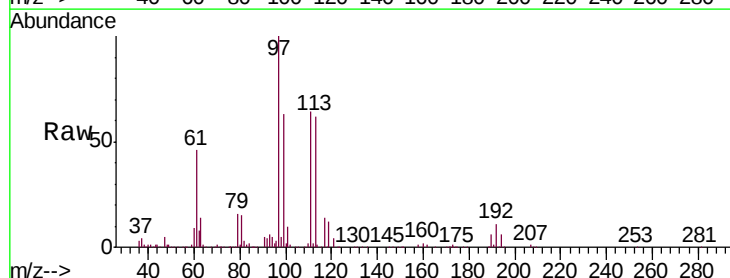
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

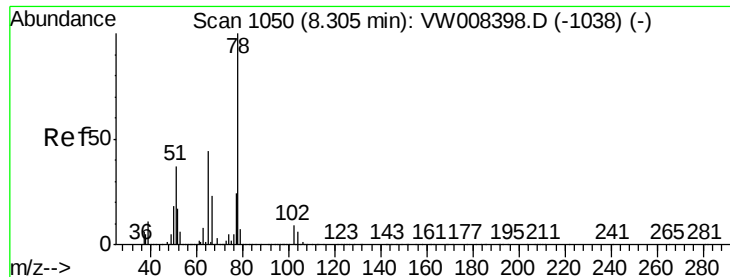
Tgt Ion: 56 Resp: 137656
Ion Ratio Lower Upper
56 100
69 36.1 26.4 39.6
84 81.9 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 54.244 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 97 Resp: 212647
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 46.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 88.496 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampled :

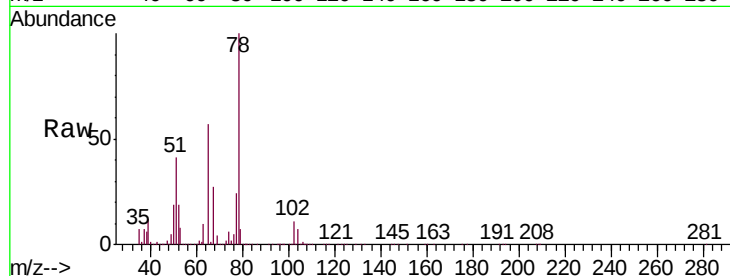
SB-10(0-5)MS

Tgt Ion: 65 Resp: 215150

Ion Ratio Lower Upper

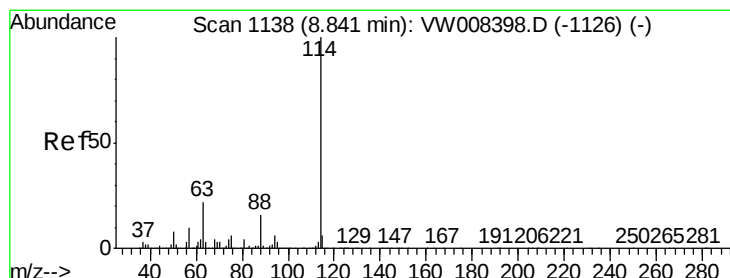
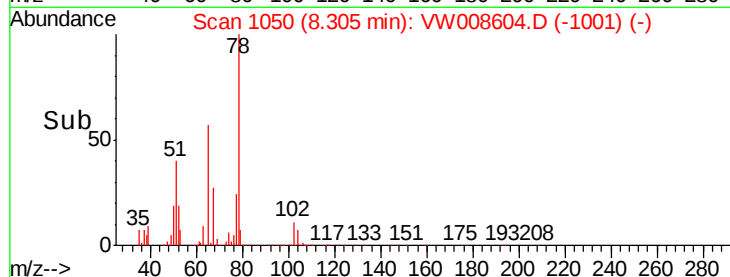
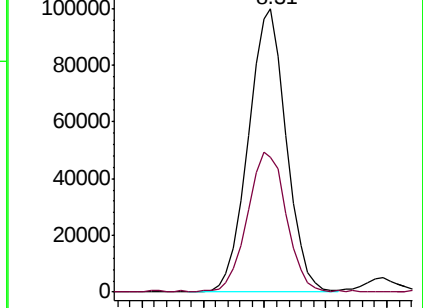
65 100

67 50.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

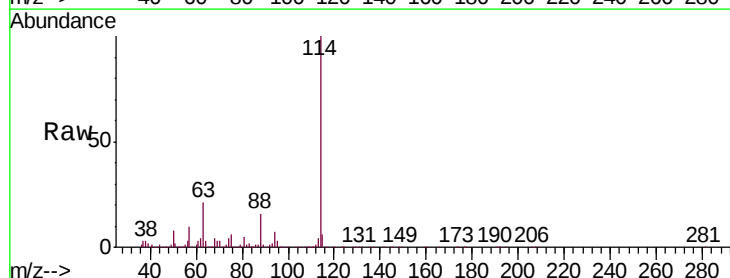
Tgt Ion: 114 Resp: 433967

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.6

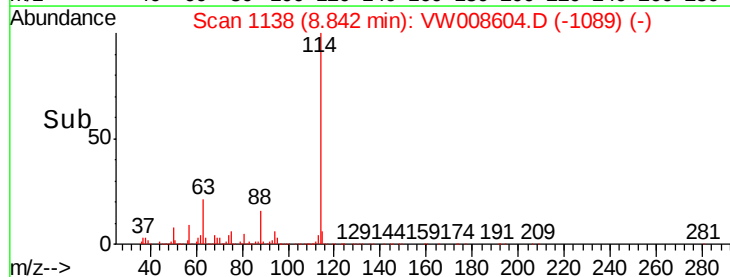
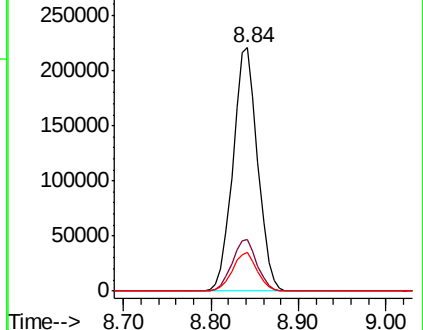
88 15.8 0.0 31.8

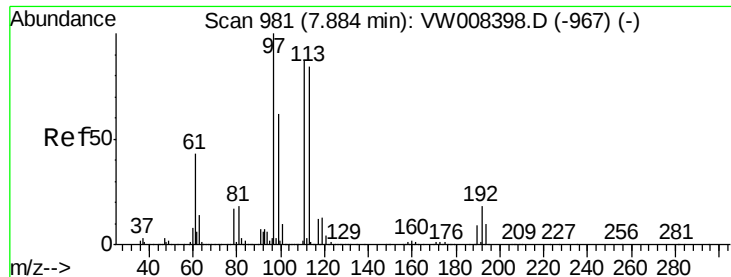


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

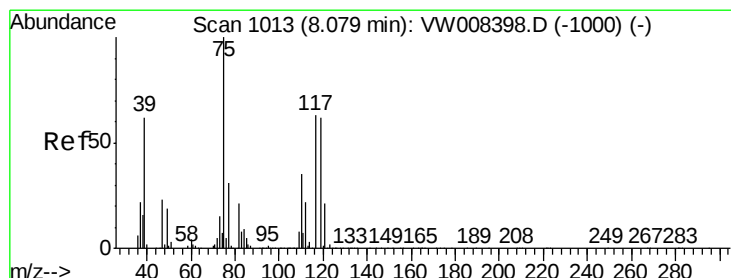
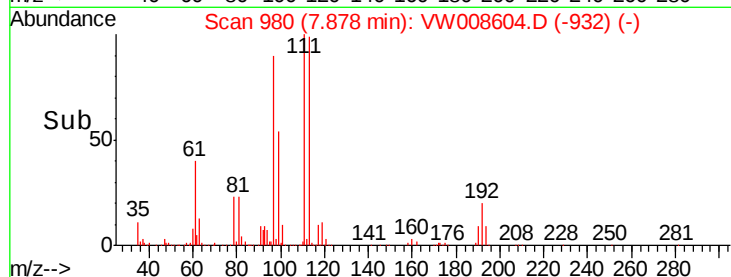
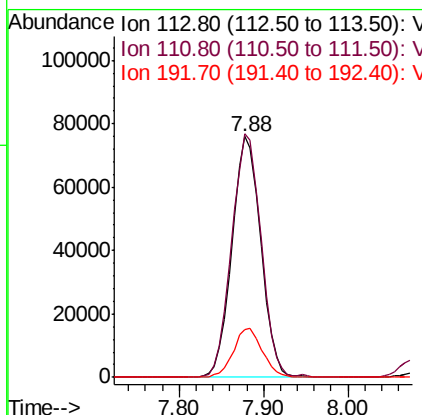
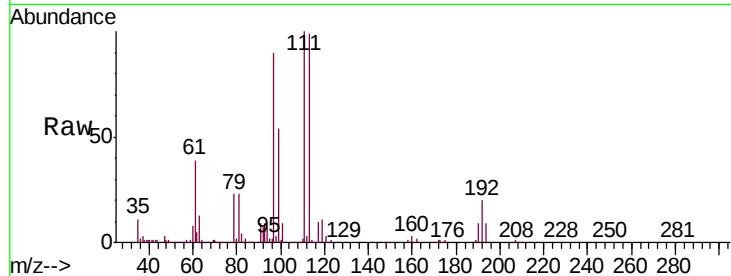




#35
 Dibromofluoromethane
 Concen: 69.176 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

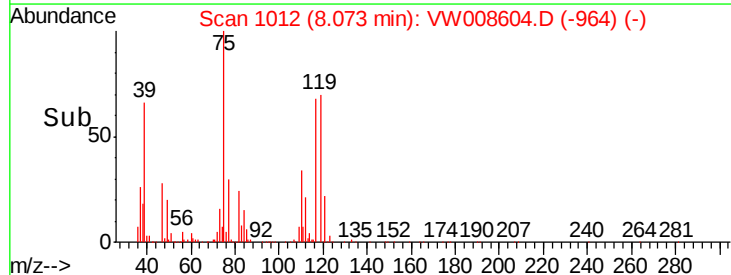
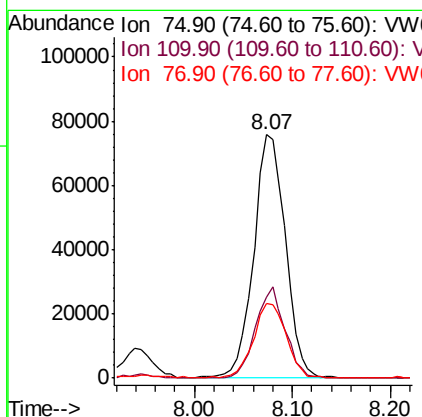
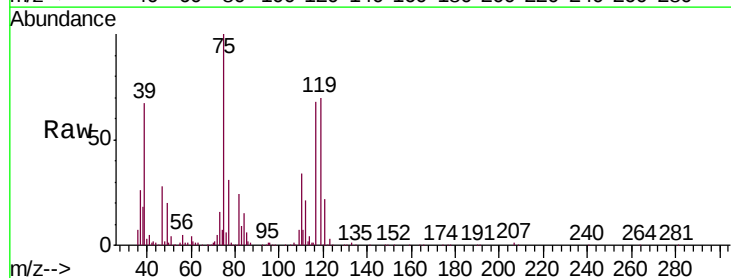
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

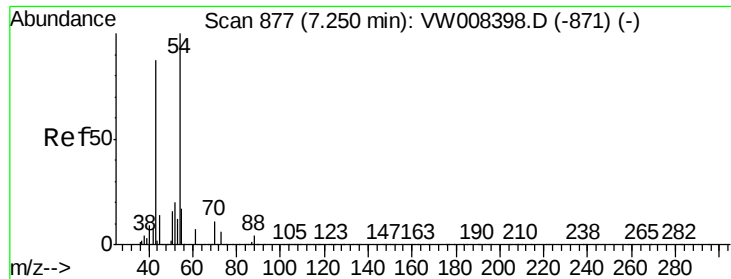
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.4
192	20.1	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 41.526 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.3	52.0
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 9.121 ug/l

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

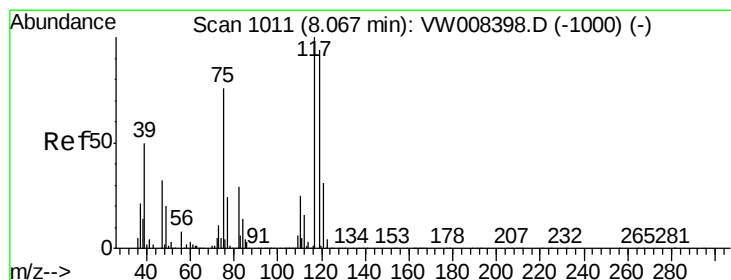
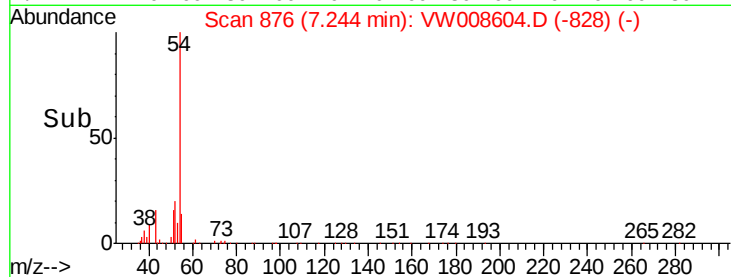
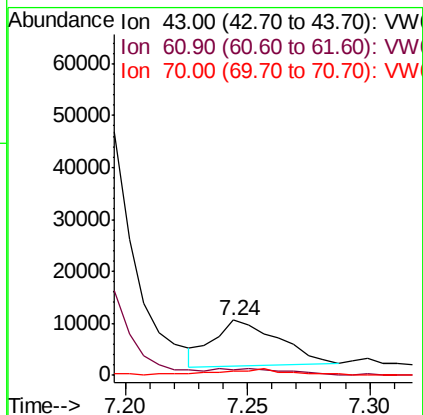
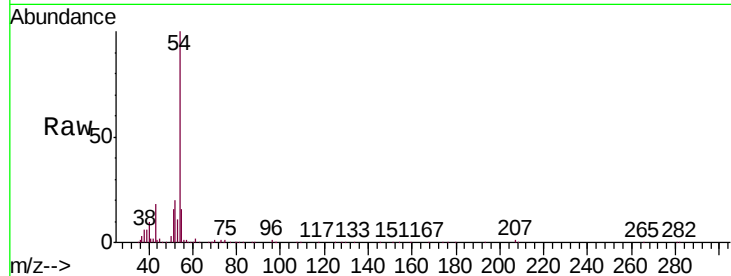
Tgt Ion: 43 Resp: 16543

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 16.7 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 40.277 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

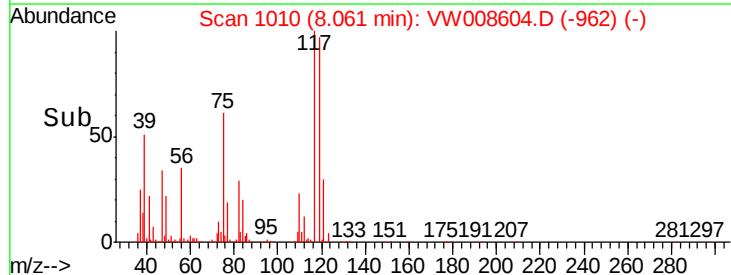
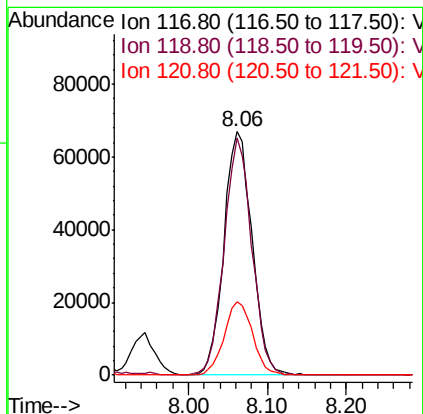
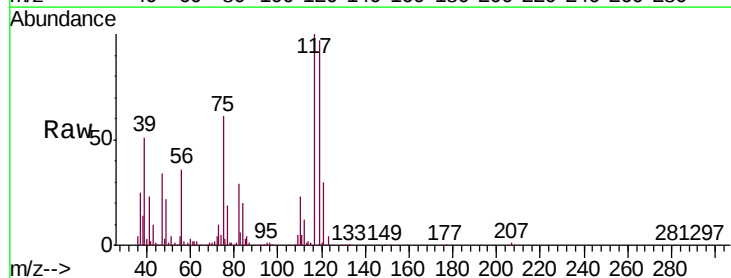
Tgt Ion: 117 Resp: 166146

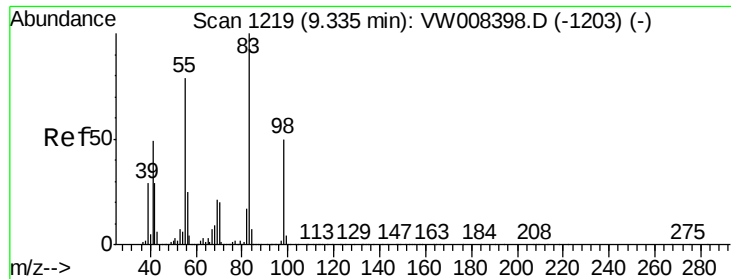
Ion Ratio Lower Upper

117 100

119 97.4 75.0 112.4

121 30.0 24.9 37.3

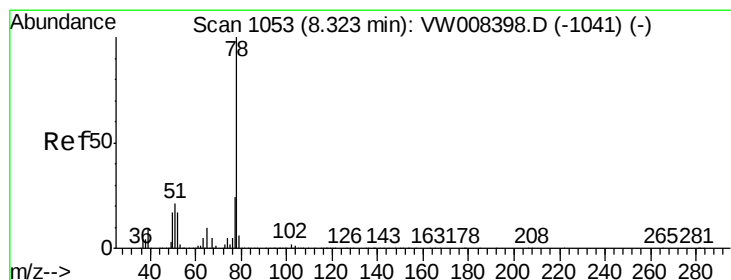
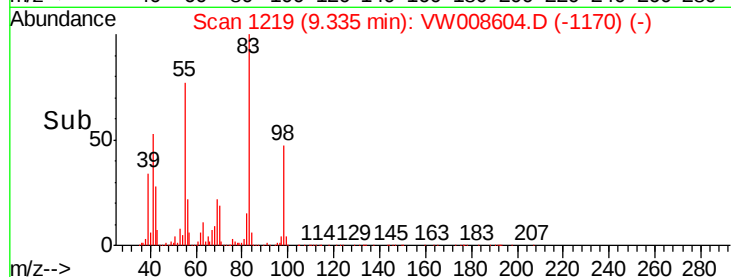
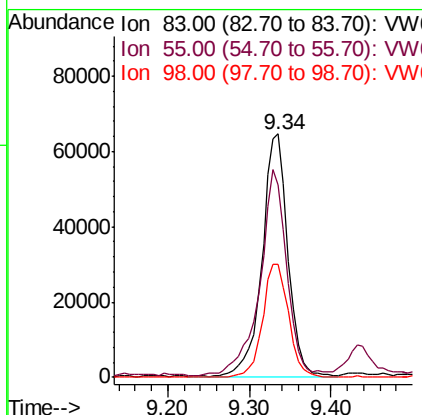
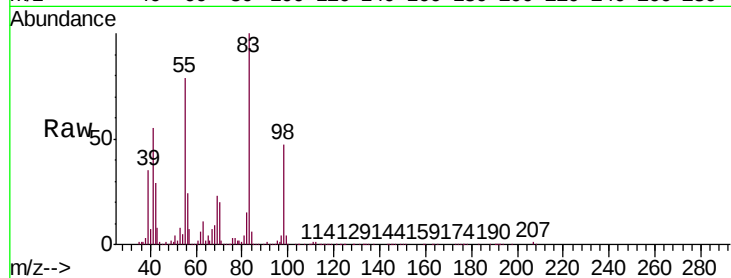




#39
Methylcyclohexane
Concen: 26.318 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

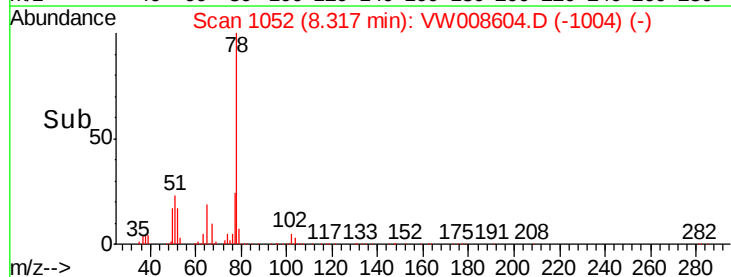
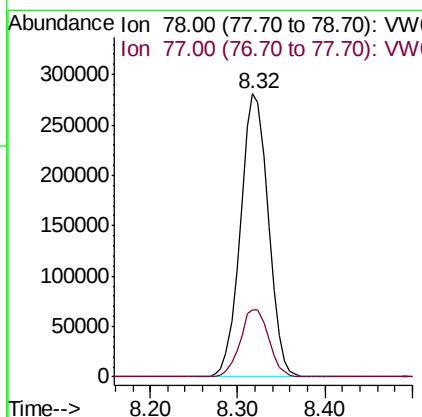
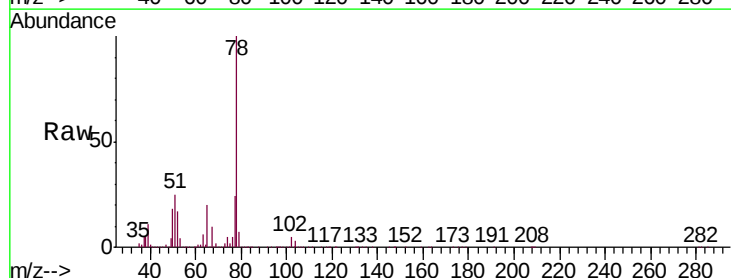
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.3	94.9
98	46.6	39.7	59.5



#40
Benzene
Concen: 54.468 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6

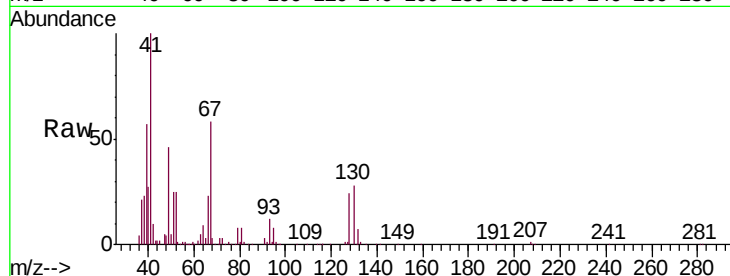




#41
Methacrylonitrile
Concen: 90.294 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Tgt Ion:	41	Resp:	96966
Ion	Ratio	Lower	Upper
41	100		
39	63.9	43.4	65.0
67	69.8	54.2	81.2
52	30.3	22.9	34.3



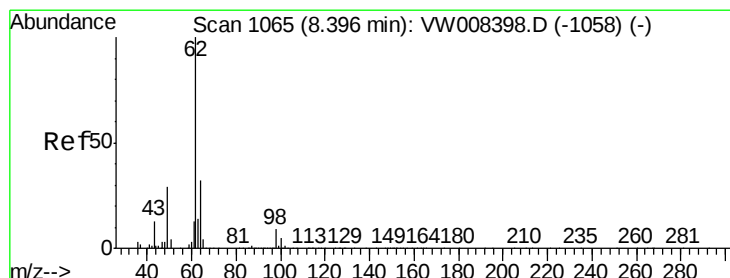
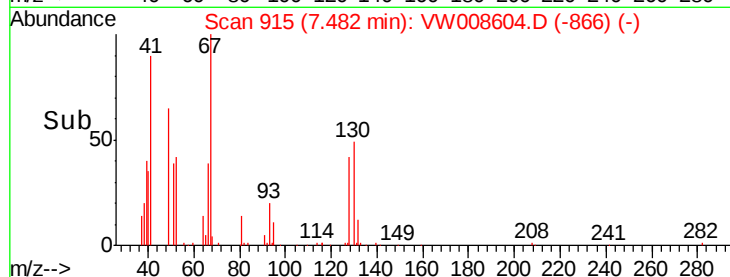
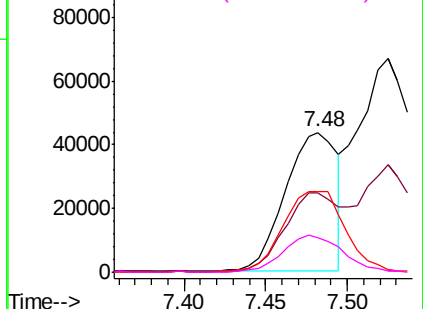
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

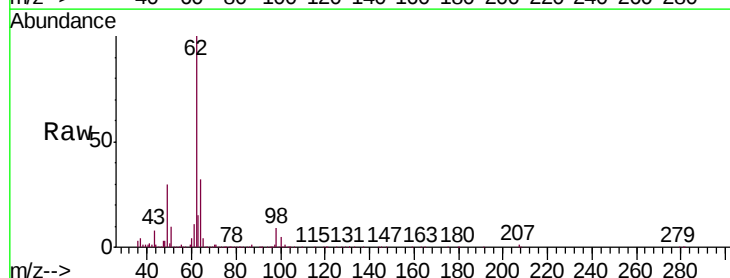
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 75.479 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

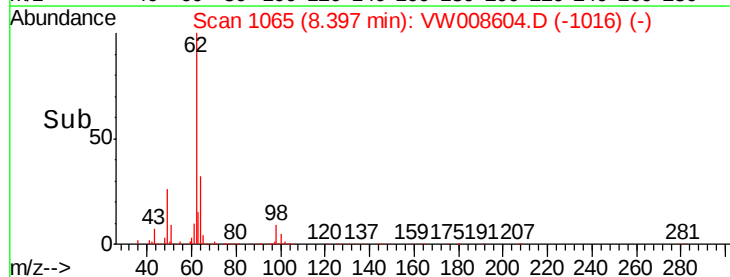
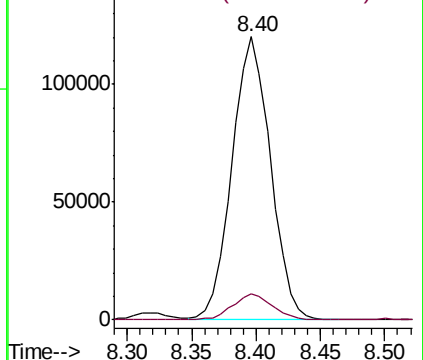
Tgt Ion:	62	Resp:	248812
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

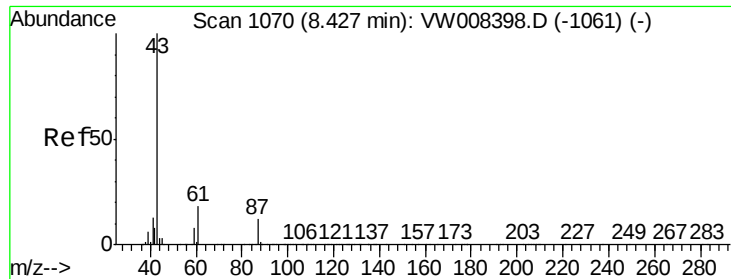


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 31.308 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

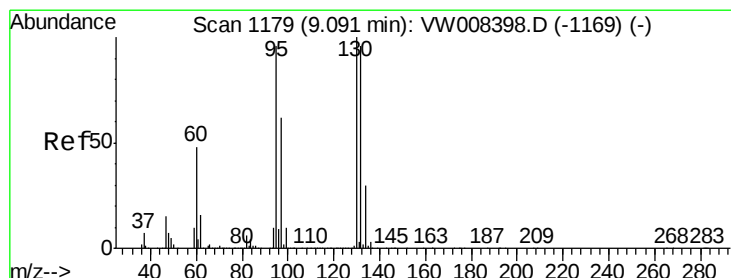
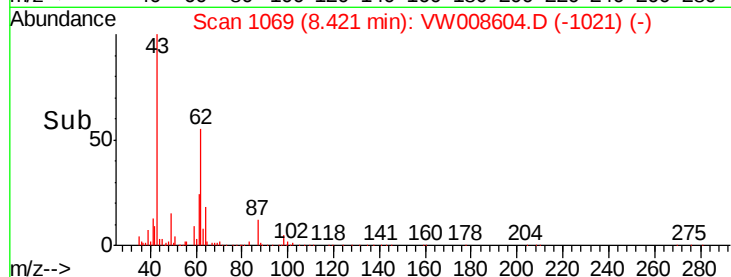
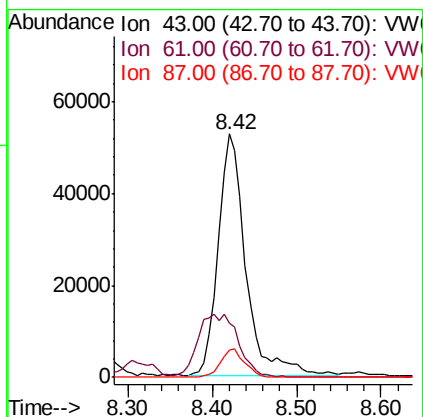
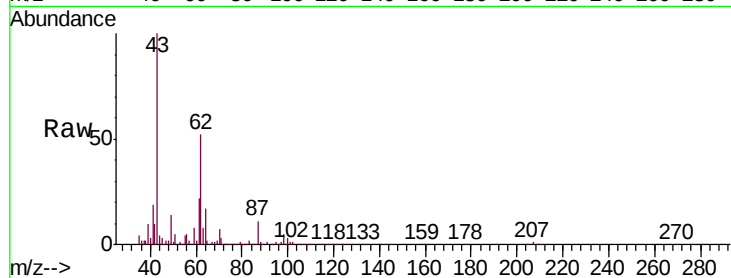
Tgt Ion: 43 Resp: 117966

Ion Ratio Lower Upper

43 100

61 0.0 22.0 33.0#

87 10.1 9.3 13.9



#44

Trichloroethene

Concen: 42.395 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008604.D

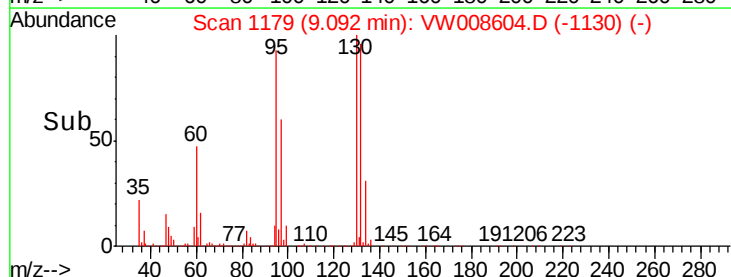
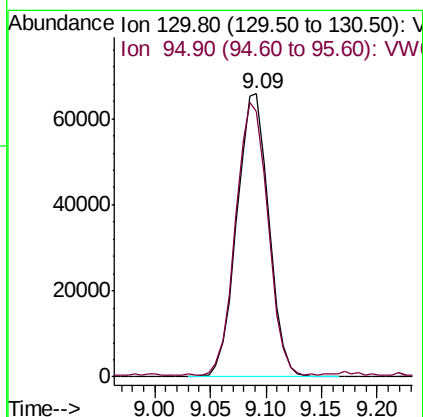
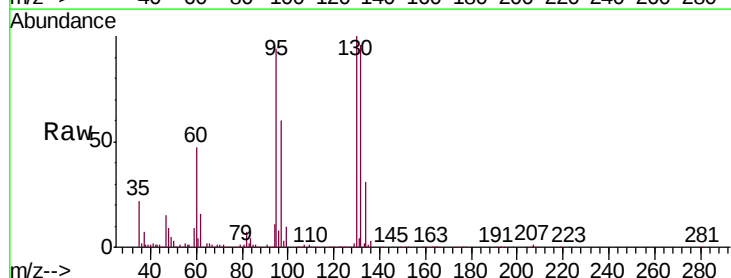
Acq: 11 Feb 2019 18:15

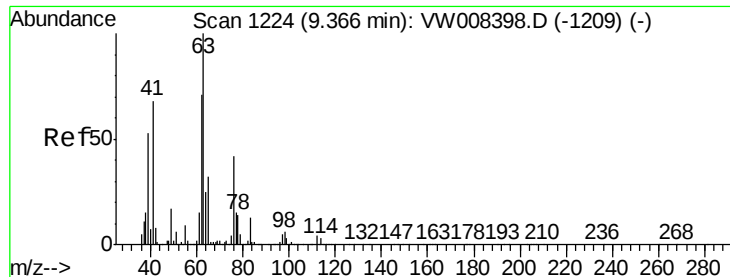
Tgt Ion: 130 Resp: 131137

Ion Ratio Lower Upper

130 100

95 92.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 57.863 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

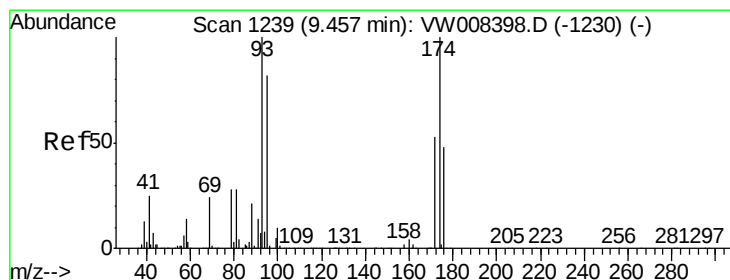
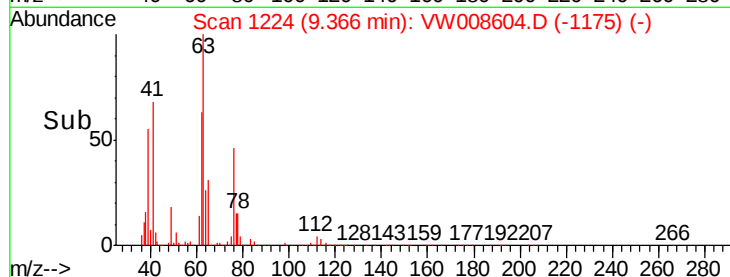
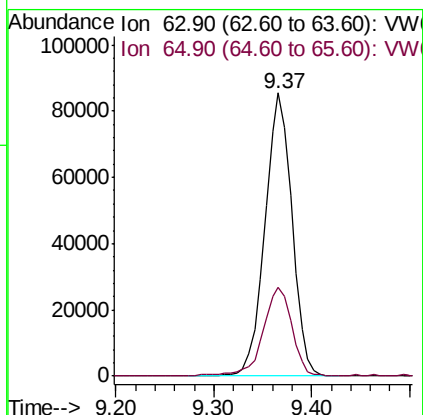
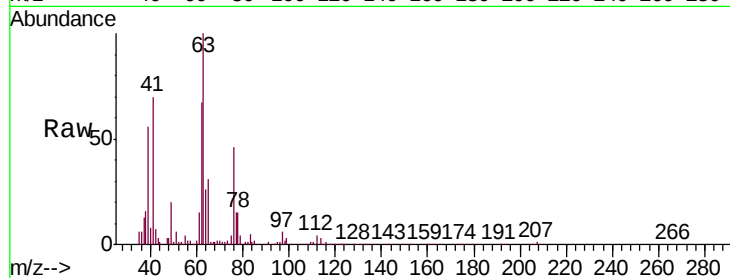
SB-10(0-5)MS

Tgt Ion: 63 Resp: 164113

Ion Ratio Lower Upper

63 100

65 31.2 25.2 37.8



#46

Dibromomethane

Concen: 69.226 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

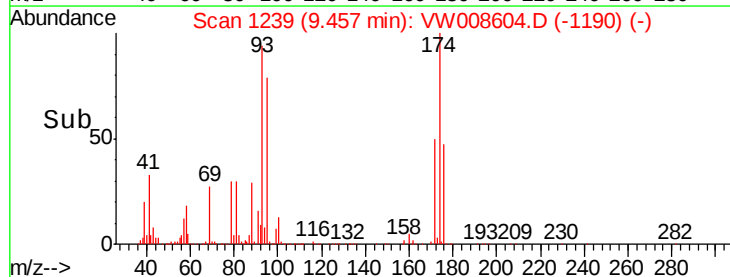
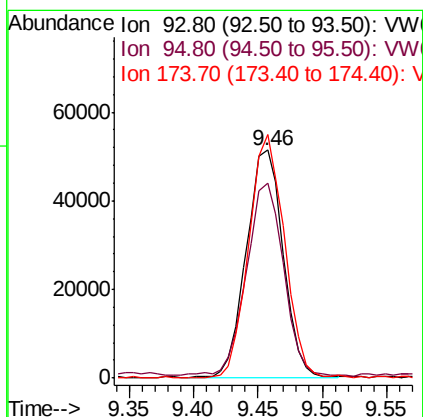
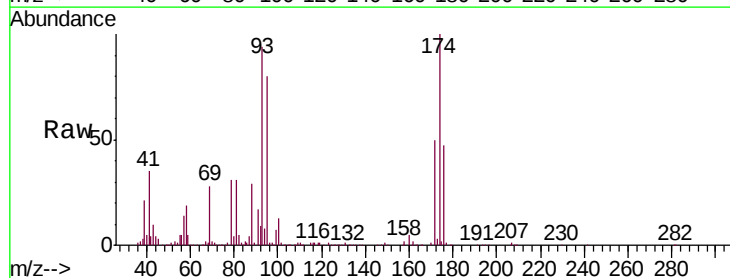
Tgt Ion: 93 Resp: 100986

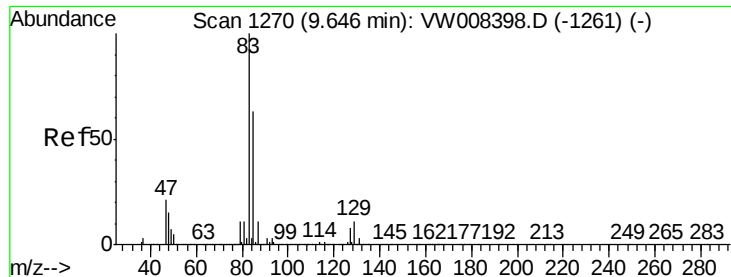
Ion Ratio Lower Upper

93 100

95 86.3 65.9 98.9

174 104.1 81.0 121.6





#47

Bromodichloromethane

Concen: 58.251 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

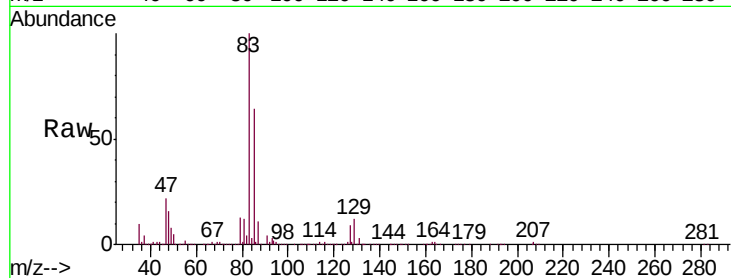
Tgt Ion: 83 Resp: 224760

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2

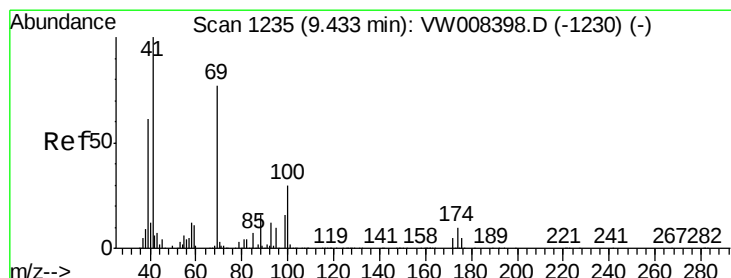
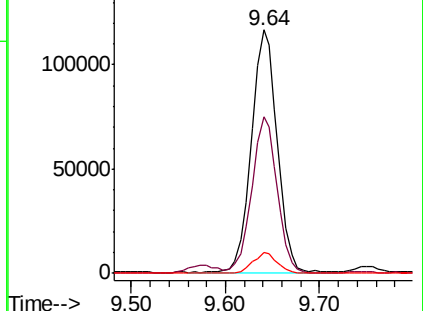
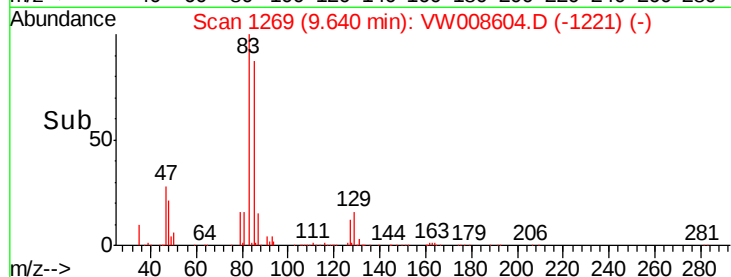
127 8.7 6.8 10.2



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): V



#48

Methyl methacrylate

Concen: 115.445 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

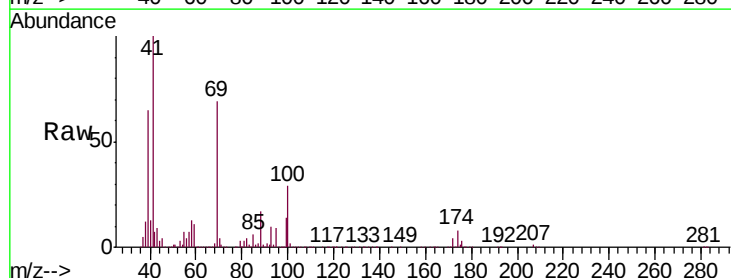
Tgt Ion: 41 Resp: 212691

Ion Ratio Lower Upper

41 100

69 73.0 64.8 97.2

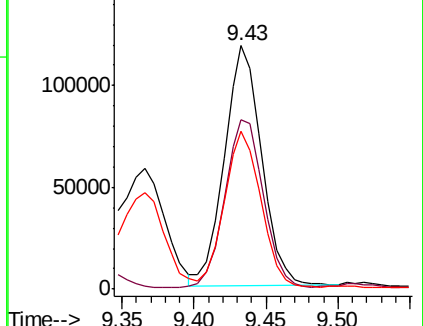
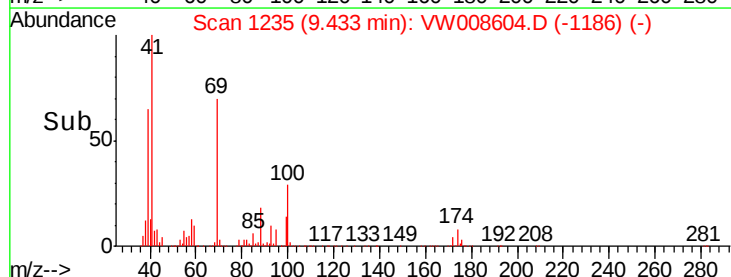
39 63.5 49.1 73.7

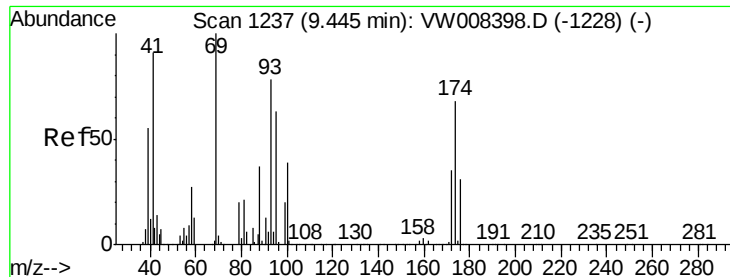


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

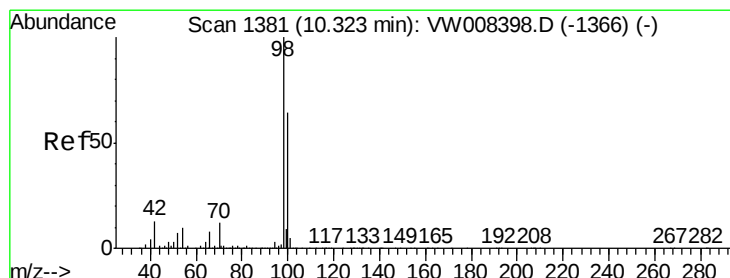
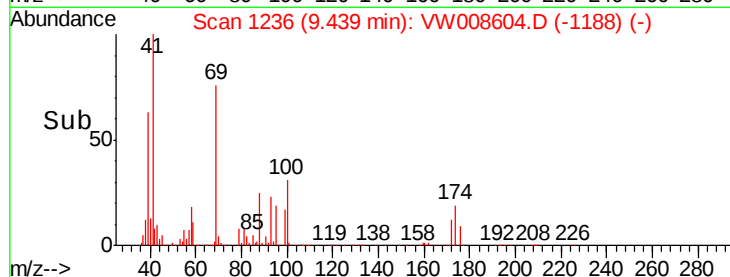
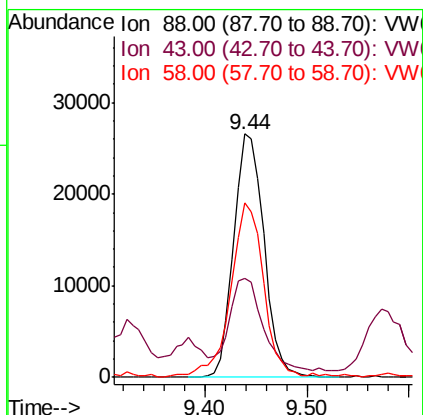
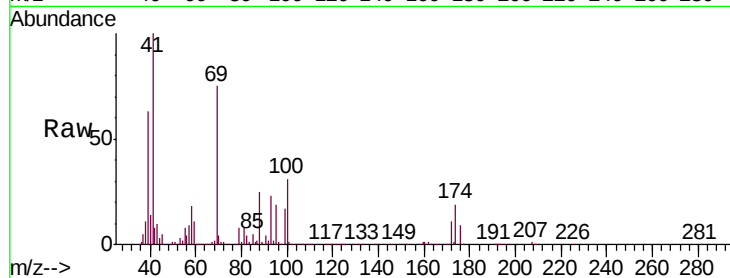




#49
1,4-Dioxane
Concen: 2219.617 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

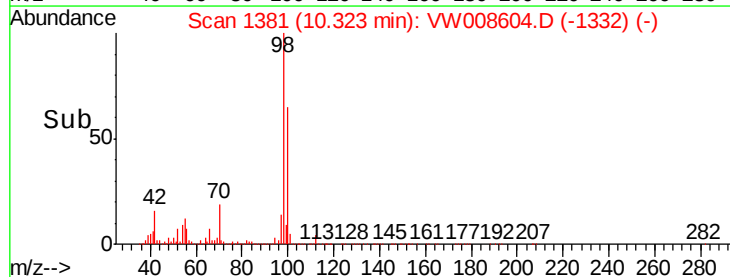
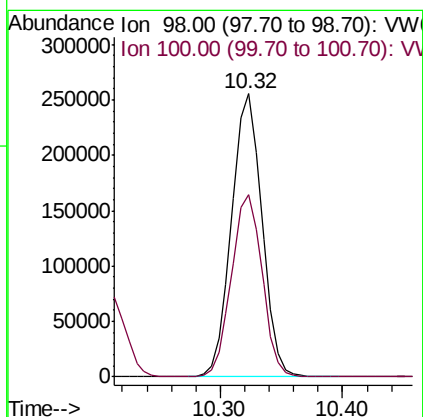
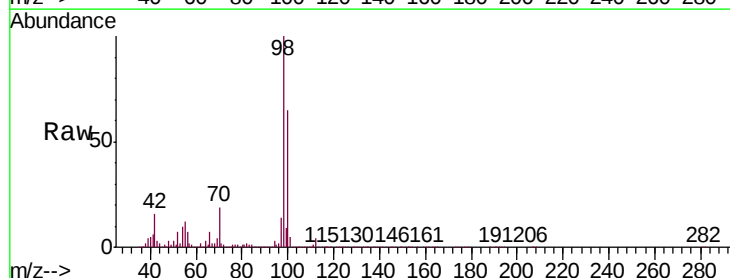
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

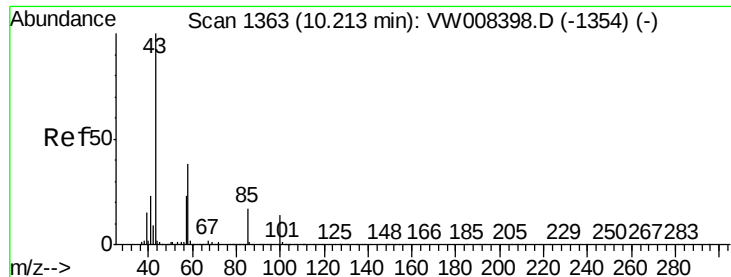
Tgt Ion: 88 Resp: 54731
Ion Ratio Lower Upper
88 100
43 43.2 29.0 43.4
58 77.9 56.4 84.6



#50
Toluene-d8
Concen: 43.244 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 98 Resp: 440038
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

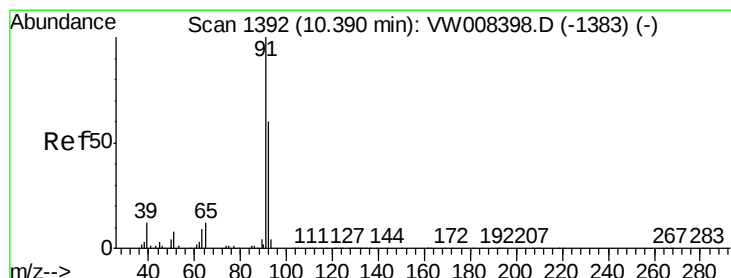
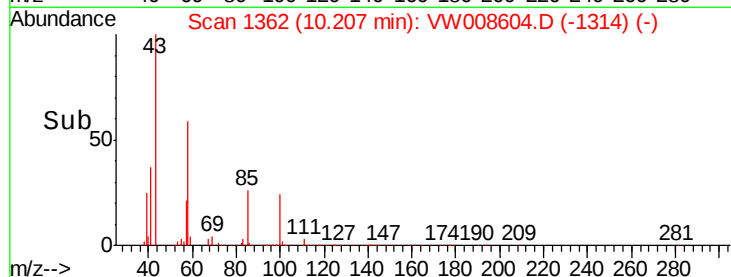
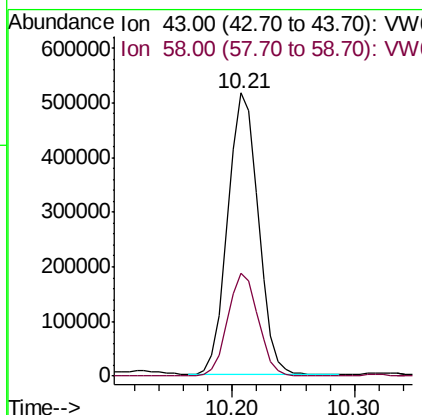
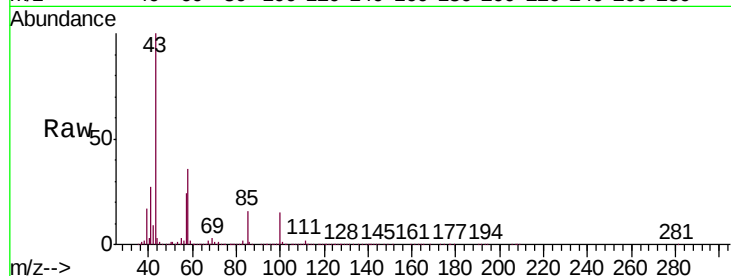




#51
 4-Methyl-2-Pentanone
 Concen: 478.365 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

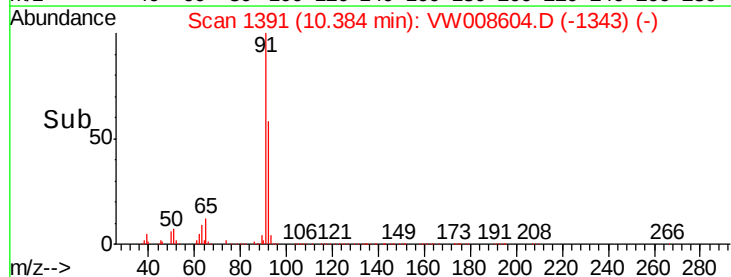
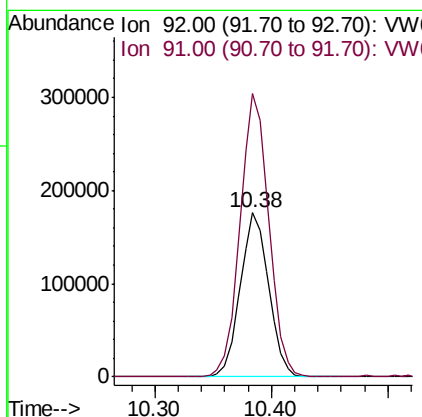
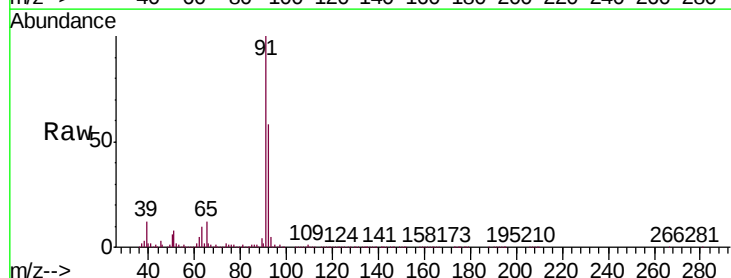
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

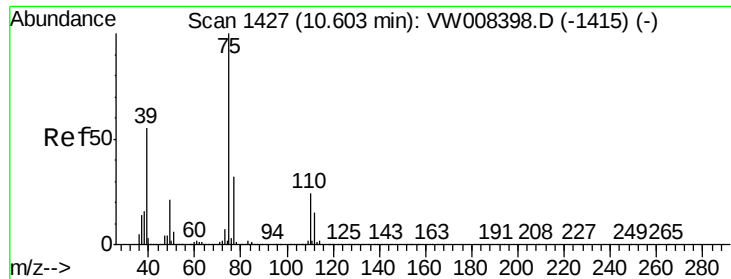
Tgt Ion: 43 Resp: 890459
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.7 44.5



#52
 Toluene
 Concen: 39.753 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion: 92 Resp: 298499
 Ion Ratio Lower Upper
 92 100
 91 174.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 56.014 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampled :

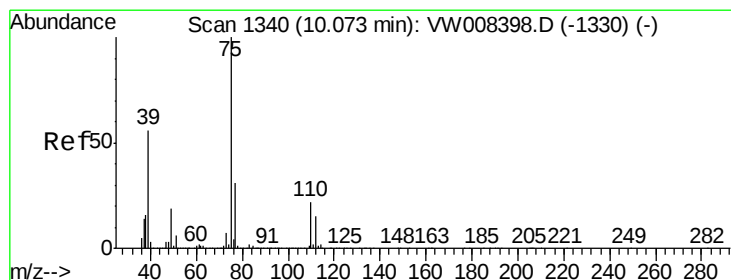
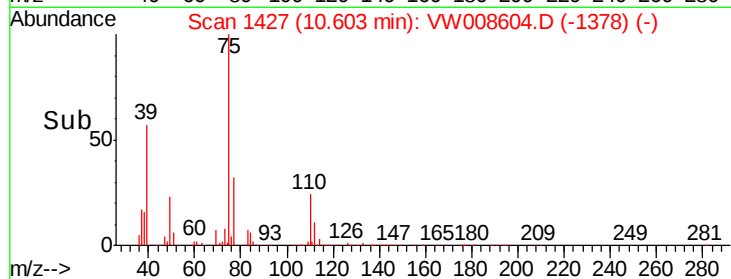
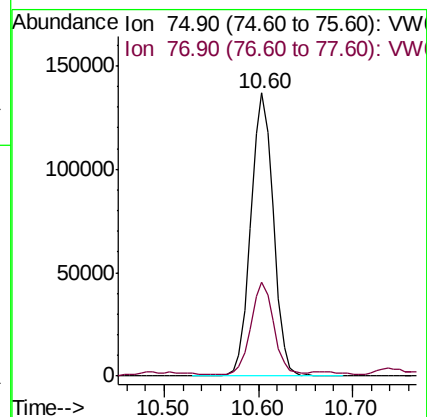
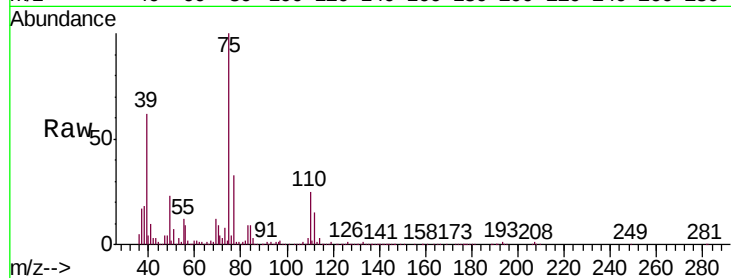
SB-10(0-5)MS

Tgt Ion: 75 Resp: 229978

Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 53.907 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

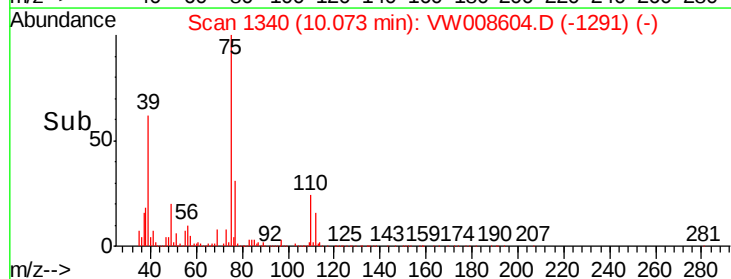
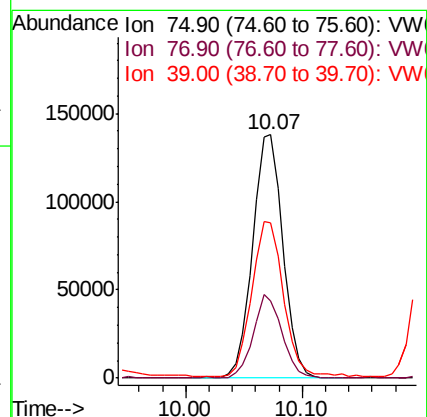
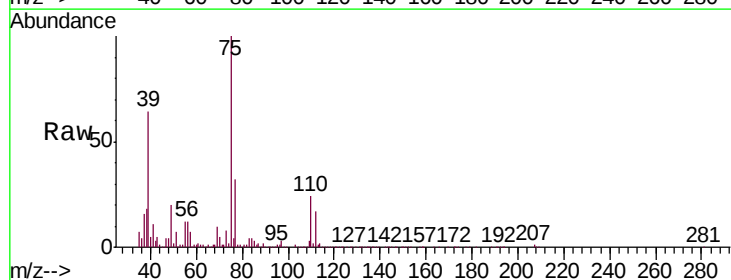
Tgt Ion: 75 Resp: 251174

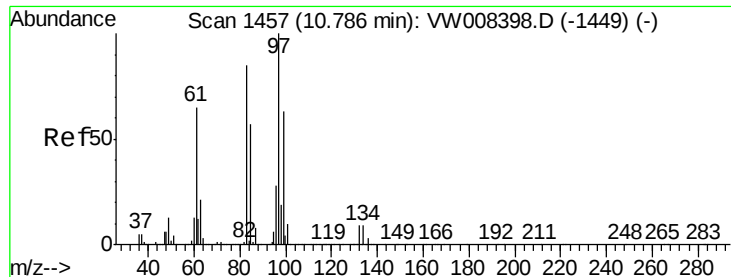
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 63.1 44.9 67.3

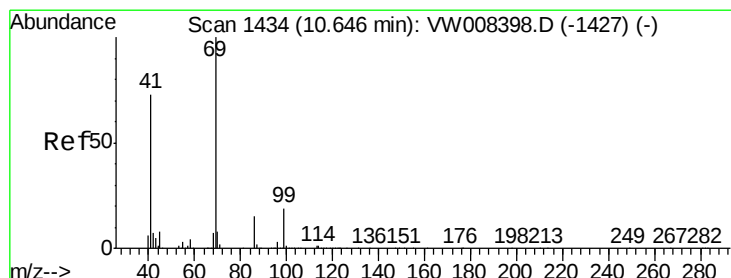
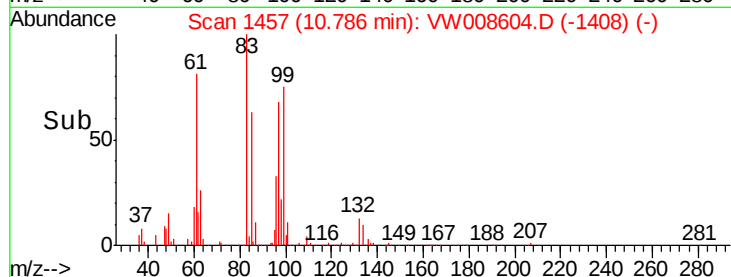
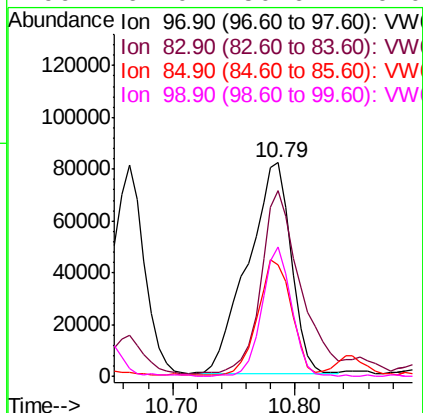
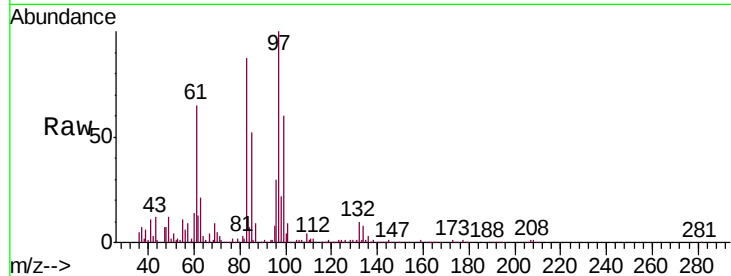




#55
 1,1,2-Trichloroethane
 Concen: 99.103 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

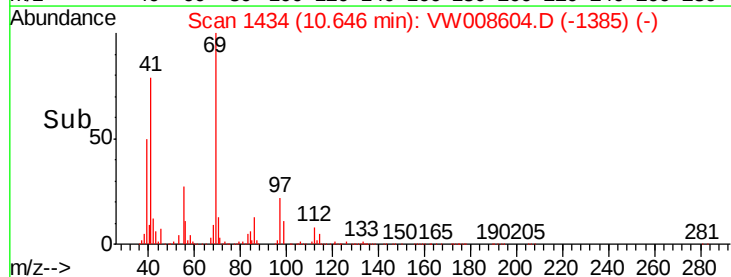
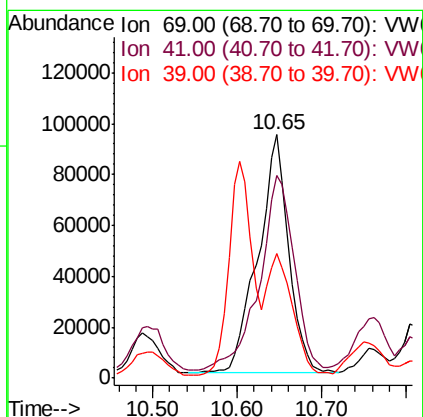
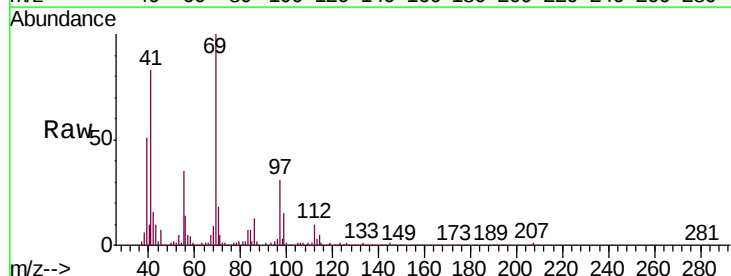
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

Tgt Ion:	97	Resp:	200526
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.4	102.6
85	52.1	45.3	67.9
99	61.0	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 82.712 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion:	69	Resp:	234509
Ion	Ratio	Lower	Upper
69	100		
41	93.0	58.7	88.1#
39	41.0	32.6	48.8

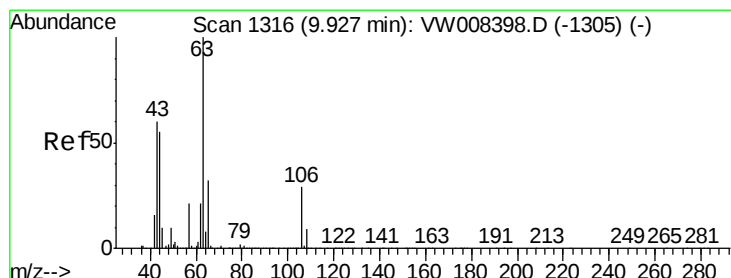
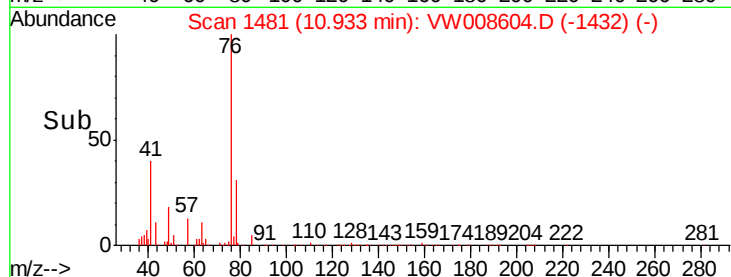
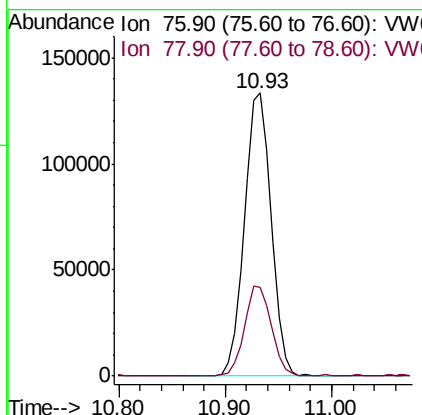
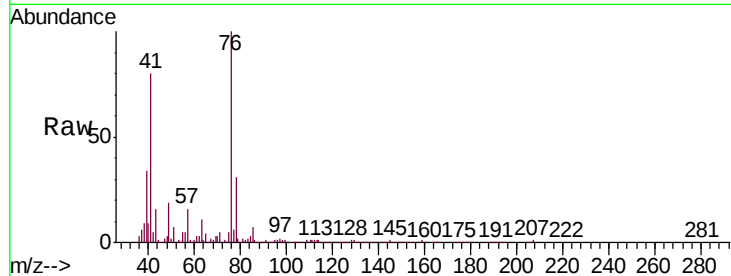




#57
 1,3-Dichloropropane
 Concen: 64.951 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

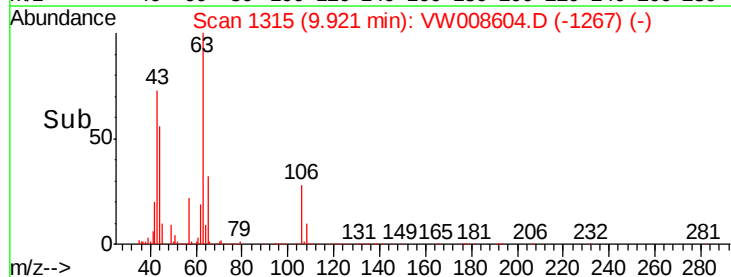
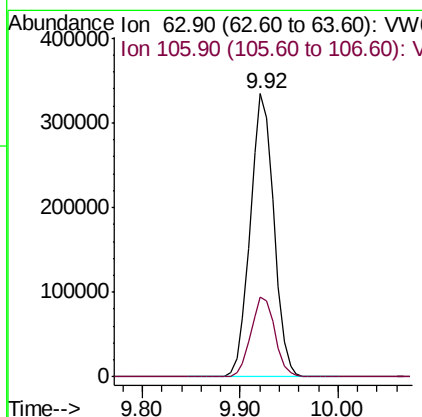
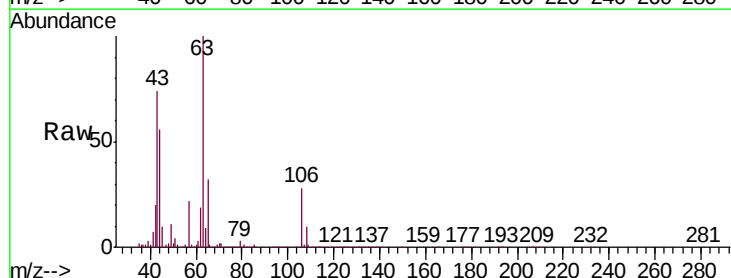
Instrument :
 MSVOA_W
 ClientSampled :
 SB-10(0-5)MS

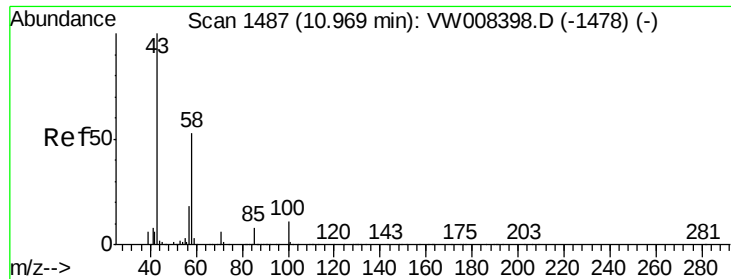
Tgt Ion: 76 Resp: 235445
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 406.349 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion: 63 Resp: 559770
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.4 33.6

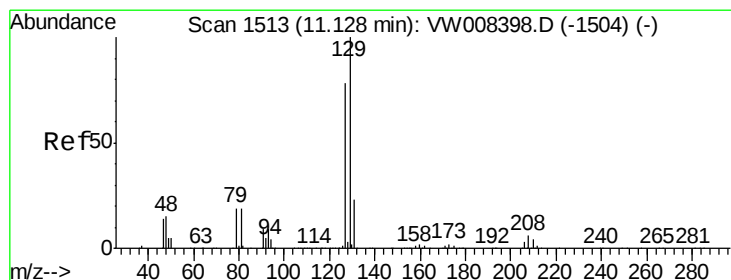
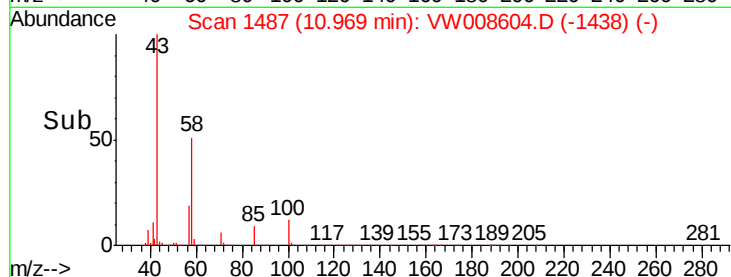
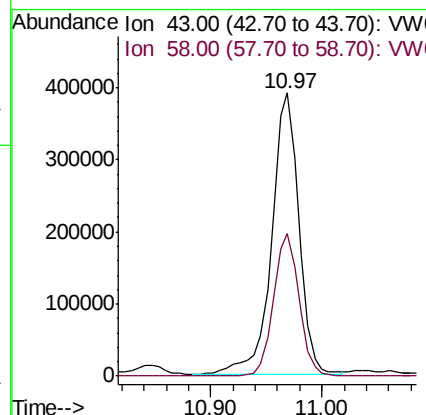
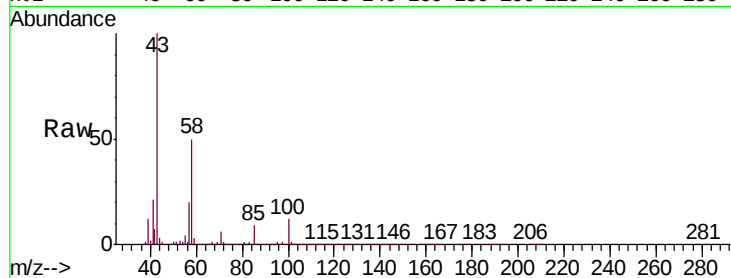




#59
2-Hexanone
Concen: 504.999 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

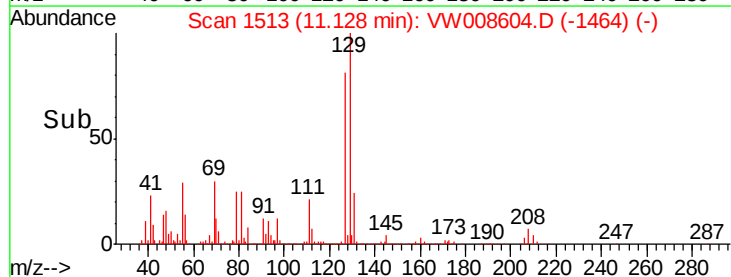
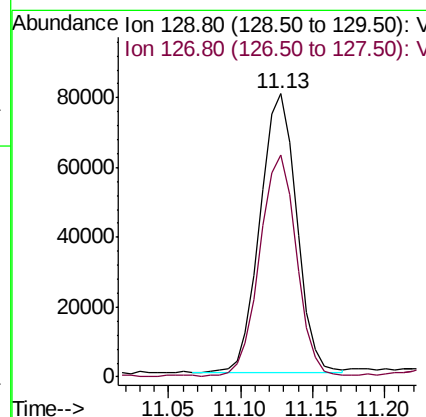
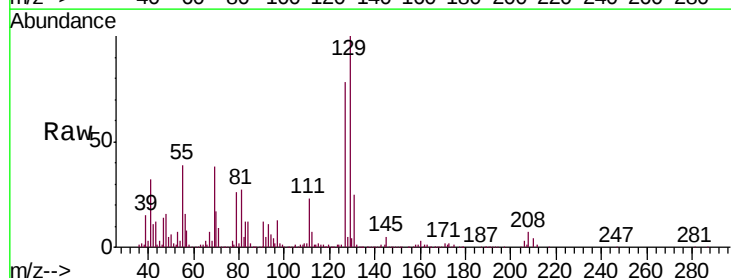
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Tgt Ion: 43 Resp: 663627
Ion Ratio Lower Upper
43 100
58 47.7 25.9 77.7



#60
Dibromochloromethane
Concen: 54.041 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 129 Resp: 140519
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 63.581 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

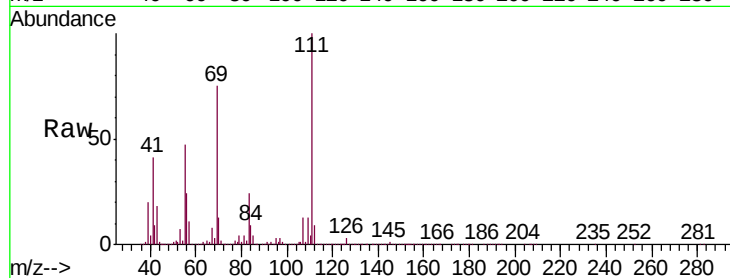
SB-10(0-5)MS

Tgt Ion: 107 Resp: 127563

Ion Ratio Lower Upper

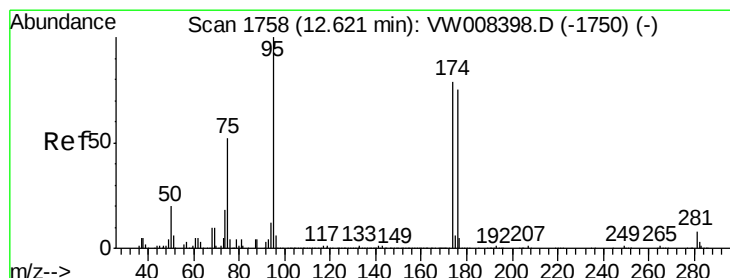
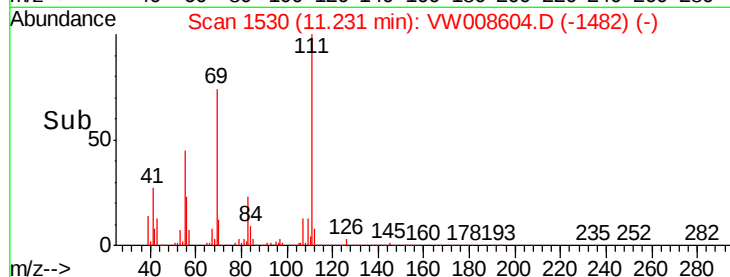
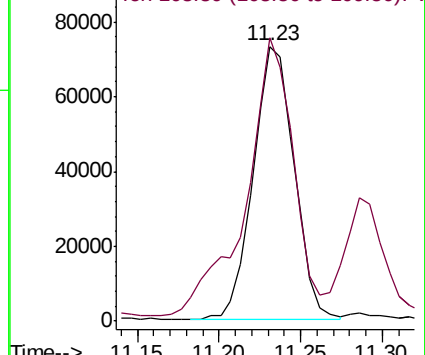
107 100

109 117.3 75.0 112.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.321 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

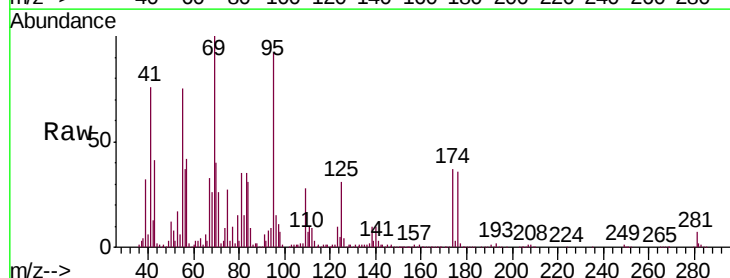
Tgt Ion: 95 Resp: 224205

Ion Ratio Lower Upper

95 100

174 44.5 0.0 157.6

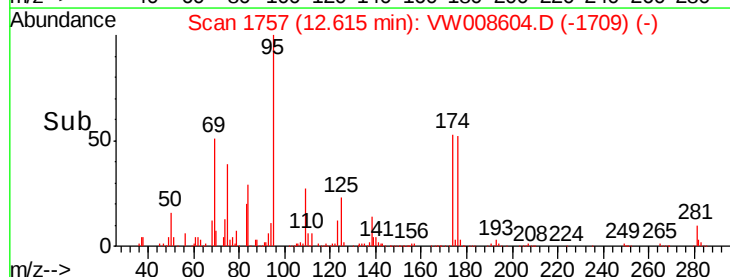
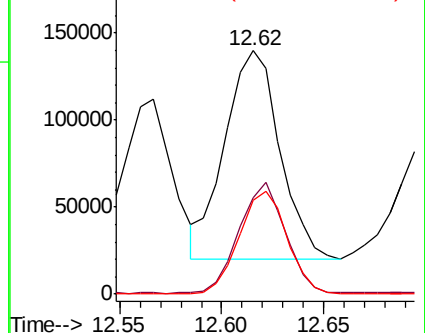
176 43.1 0.0 151.8

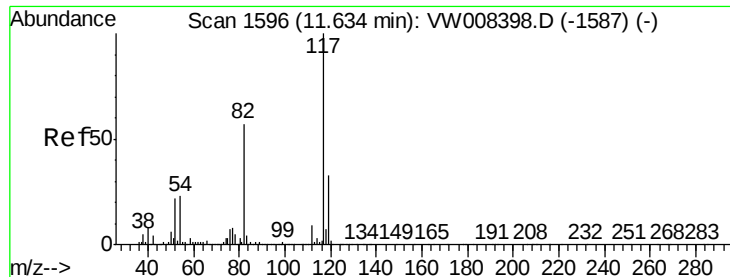


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

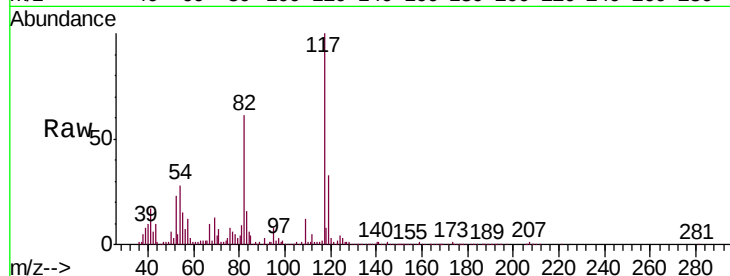
Tgt Ion:117 Resp: 259352

Ion Ratio Lower Upper

117 100

82 58.5 45.4 68.0

119 32.8 26.2 39.4

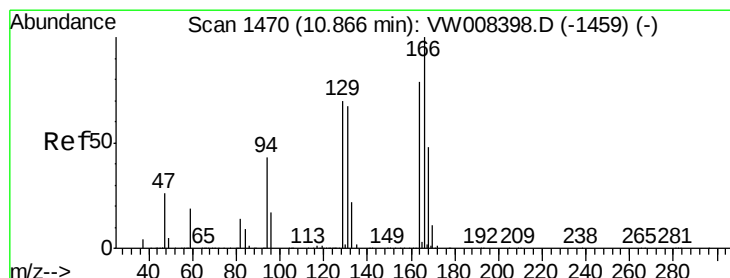
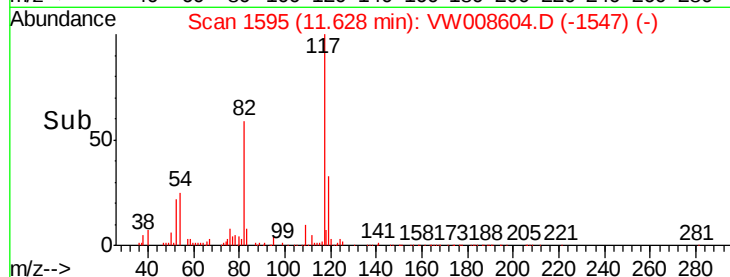
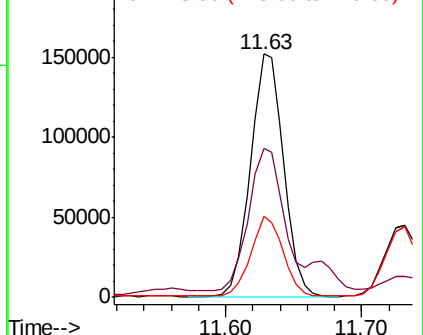


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.681 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion:164 Resp: 80214

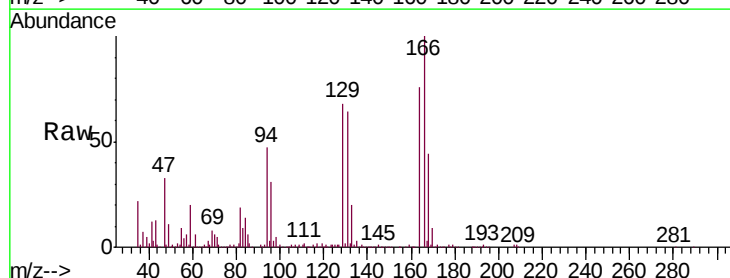
Ion Ratio Lower Upper

164 100

166 131.8 101.4 152.0

129 88.5 71.0 106.6

131 83.2 68.3 102.5



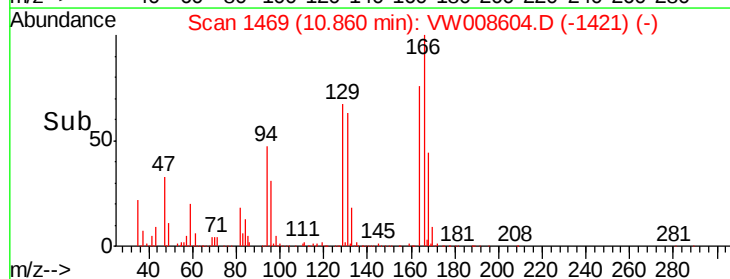
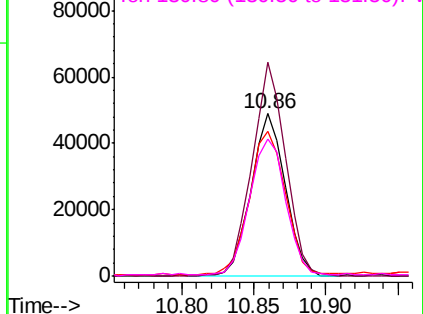
Abundance

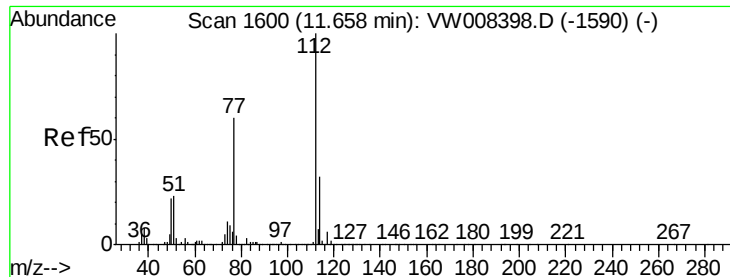
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

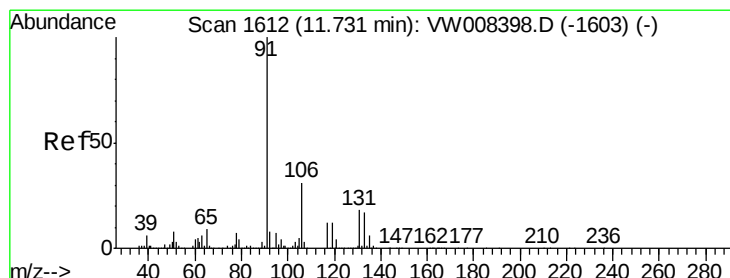
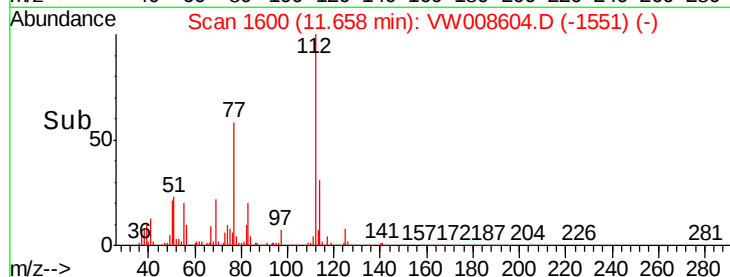
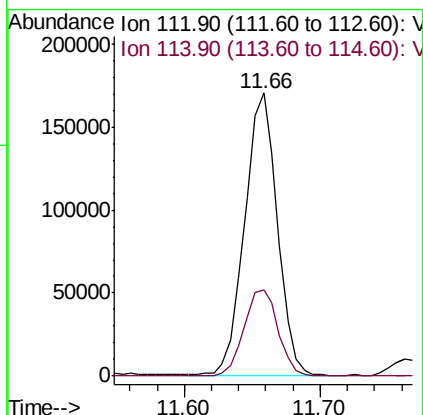
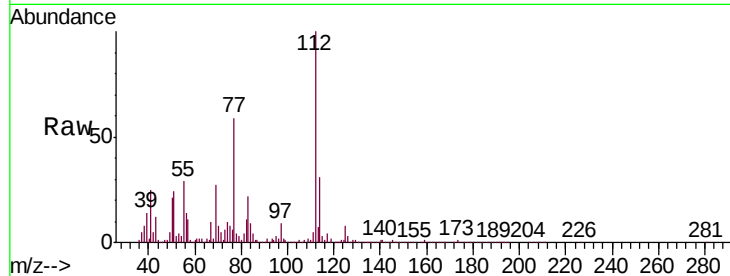




#65
Chlorobenzene
Concen: 54.023 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

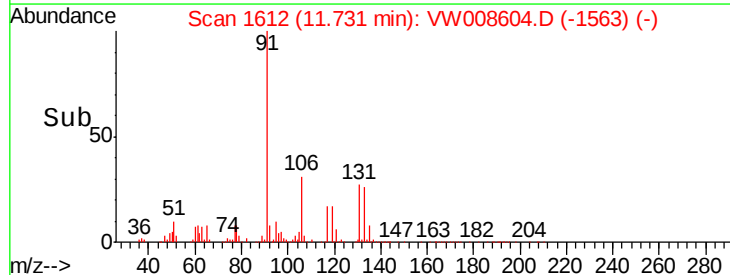
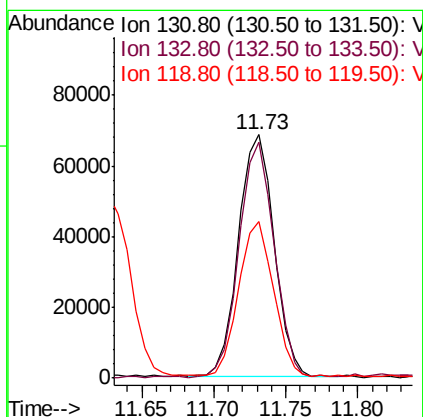
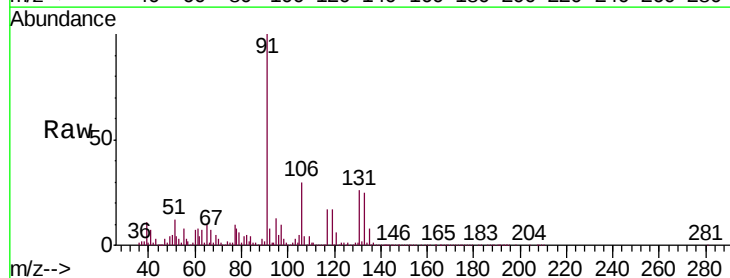
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

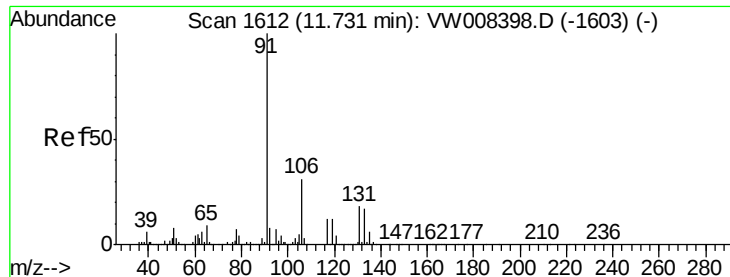
Tgt Ion:112 Resp: 286013
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 62.262 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion:131 Resp: 117937
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.2
119 62.1 32.1 96.3

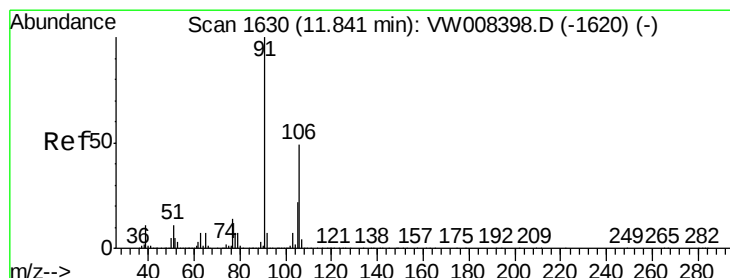
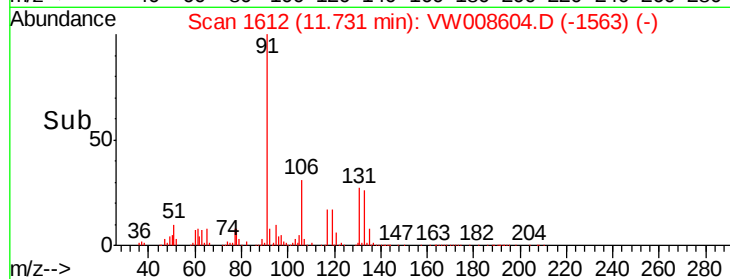
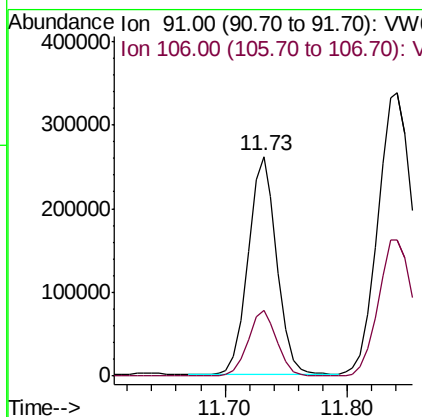
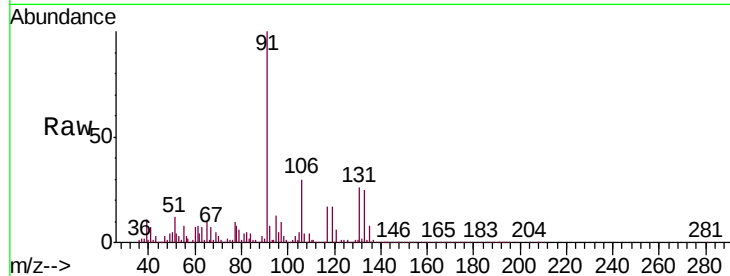




#67
Ethyl Benzene
Concen: 43.176 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

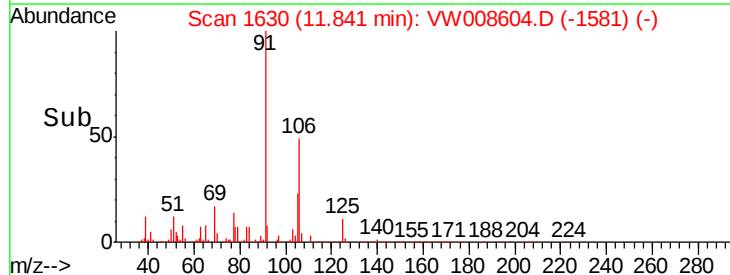
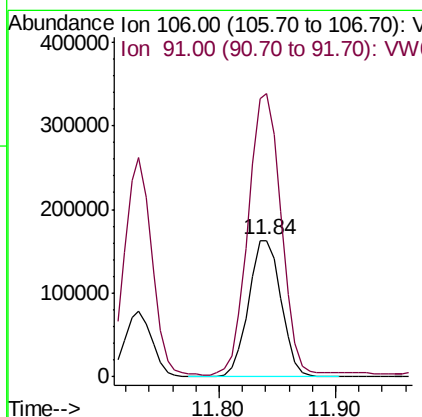
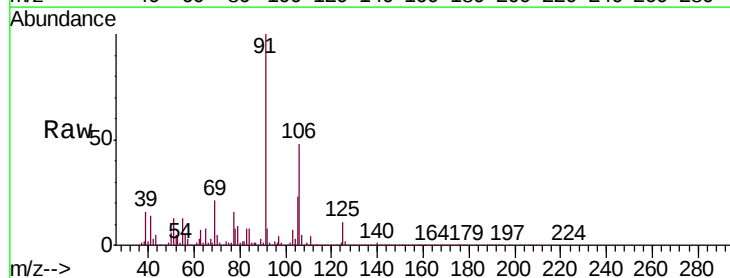
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Tgt Ion: 91 Resp: 420180
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 84.349 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 106 Resp: 318491
Ion Ratio Lower Upper
106 100
91 207.4 162.9 244.3

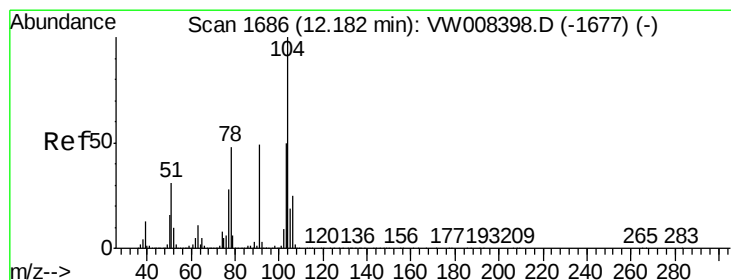
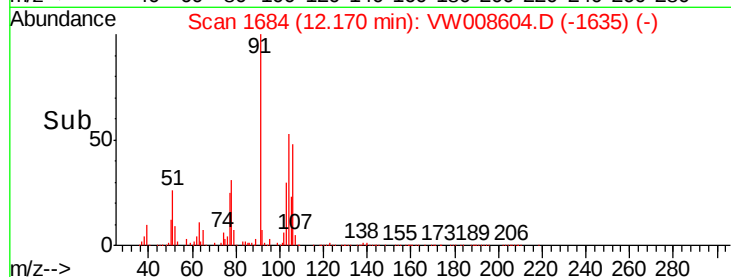
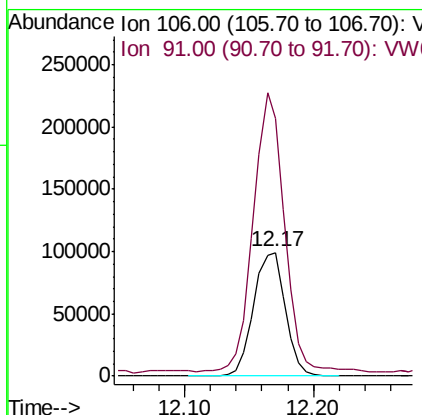
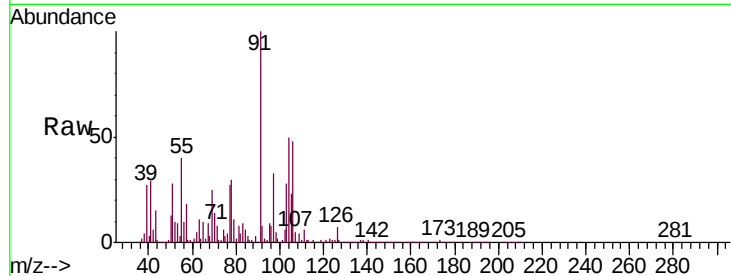




#69
o-Xylene
Concen: 46.664 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

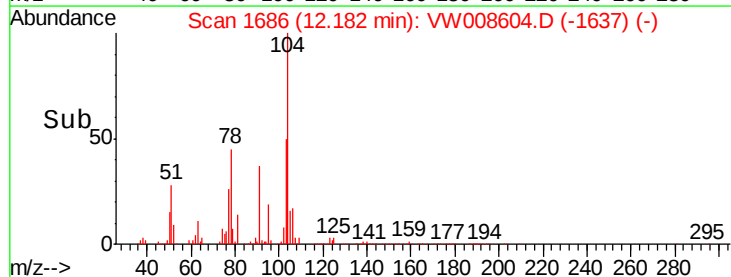
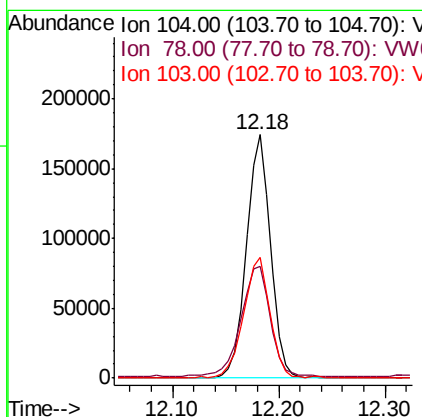
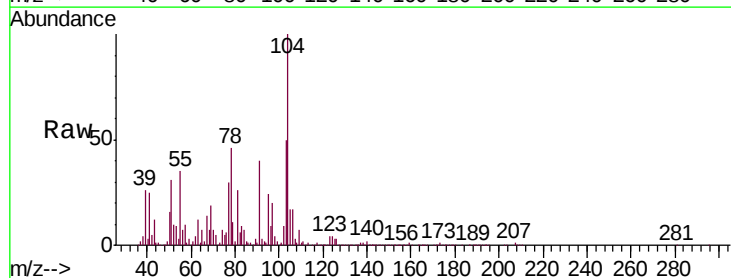
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

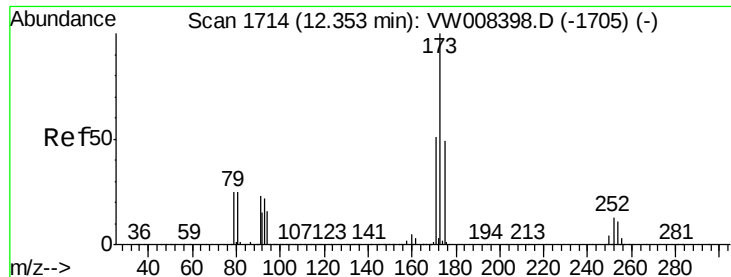
Tgt Ion:106 Resp: 167416
Ion Ratio Lower Upper
106 100
91 222.0 107.5 322.4



#70
Styrene
Concen: 46.448 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion:104 Resp: 275253
Ion Ratio Lower Upper
104 100
78 56.4 42.4 63.6
103 54.7 43.4 65.0





#71

Bromoform

Concen: 81.492 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

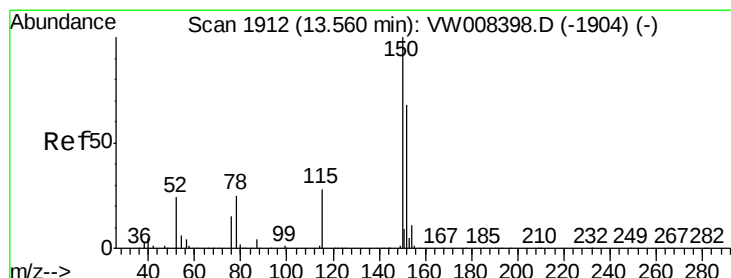
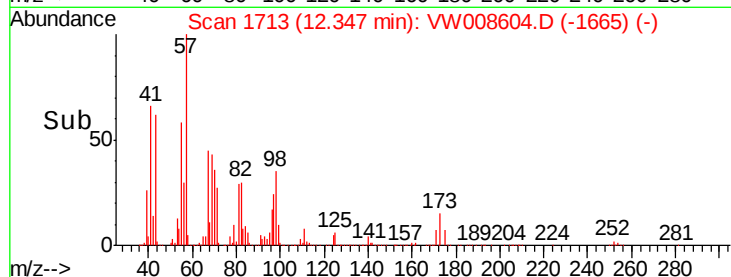
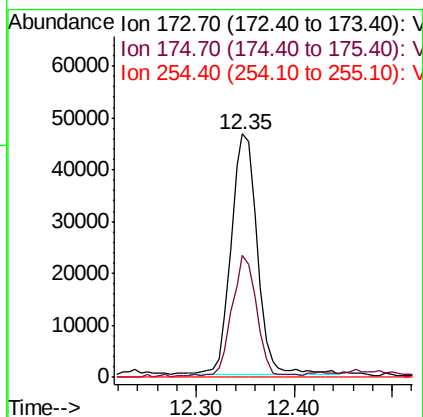
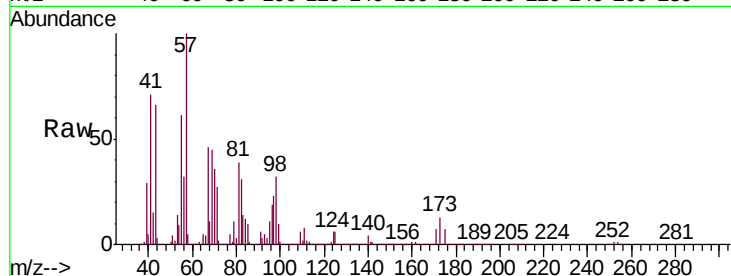
Tgt Ion:173 Resp: 86850

Ion Ratio Lower Upper

173 100

175 45.3 24.4 73.4

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

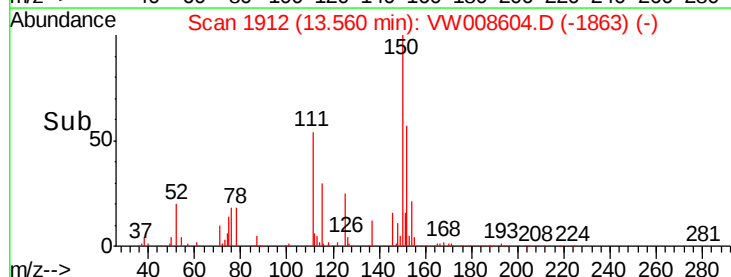
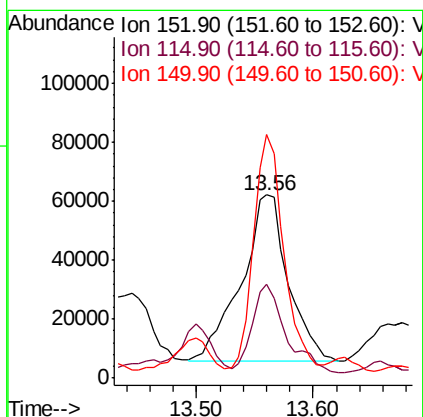
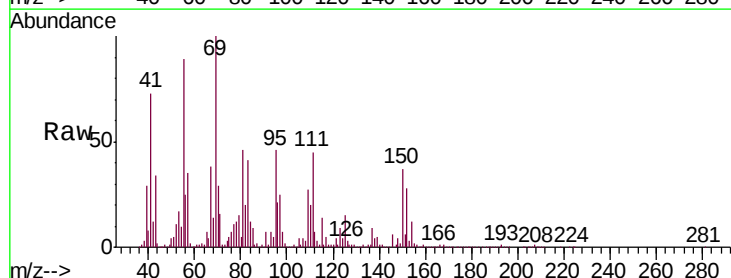
Tgt Ion:152 Resp: 157921

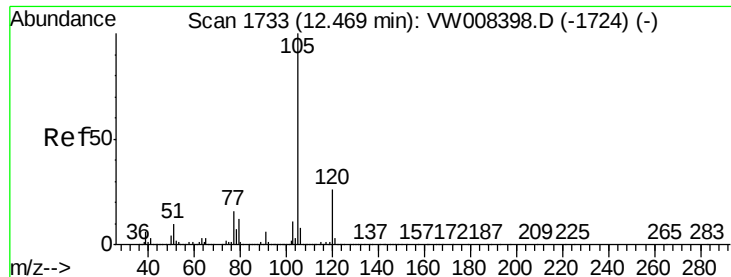
Ion Ratio Lower Upper

152 100

115 38.0 29.9 89.7

150 91.6 0.0 351.4





#73

Isopropylbenzene

Concen: 30.904 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

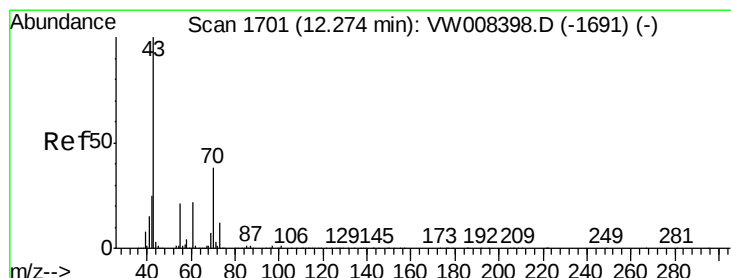
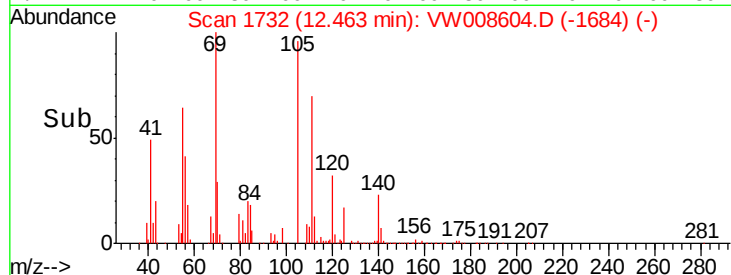
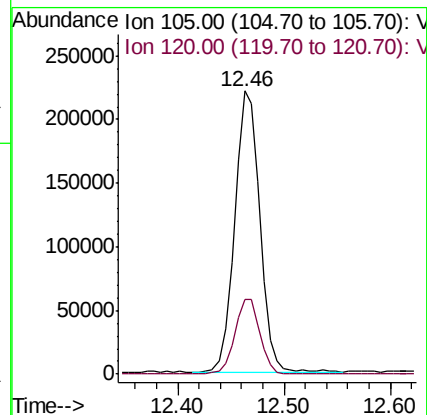
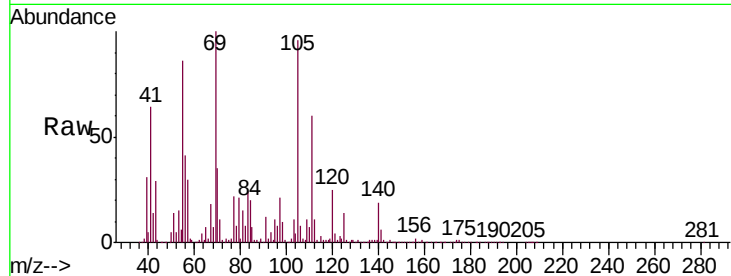
SB-10(0-5)MS

Tgt Ion: 105 Resp: 363847

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 76.437 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Tgt Ion: 43 Resp: 231833

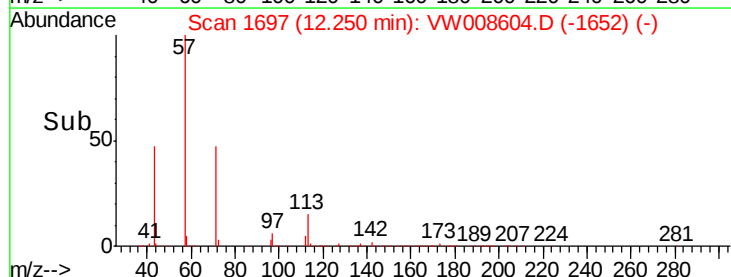
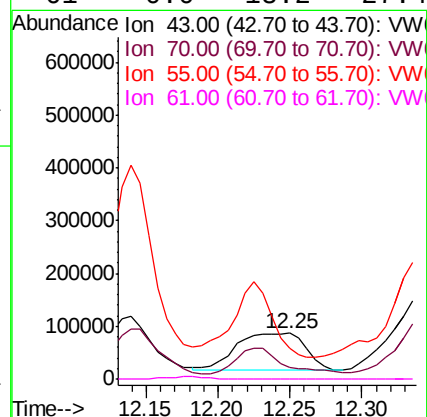
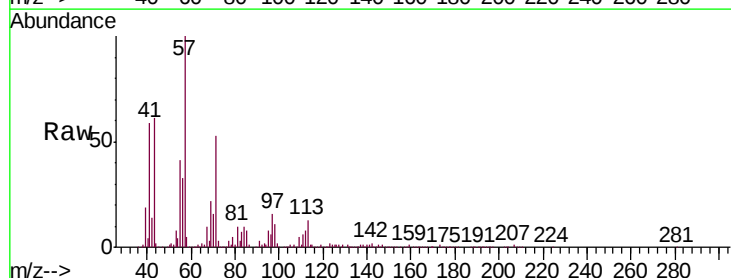
Ion Ratio Lower Upper

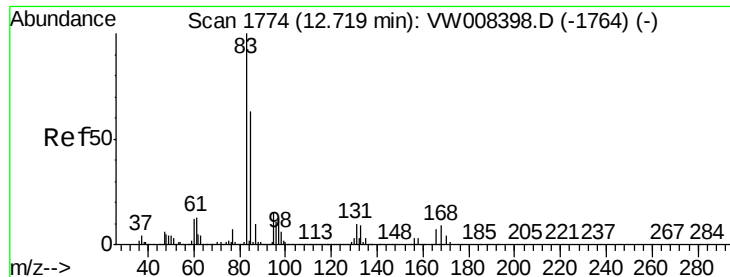
43 100

70 0.0 31.0 46.6#

55 0.0 17.4 26.2#

61 0.0 18.2 27.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 163.178 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

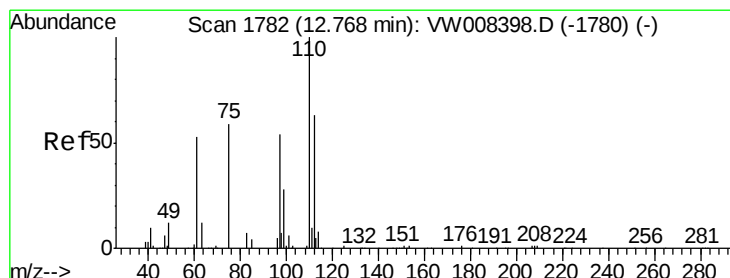
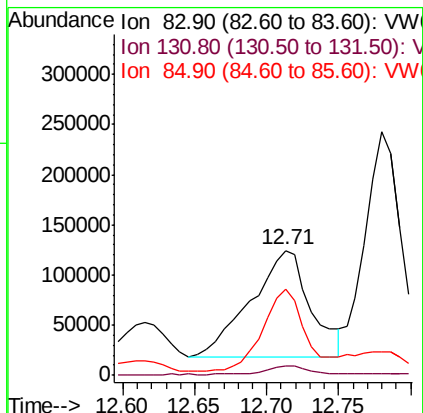
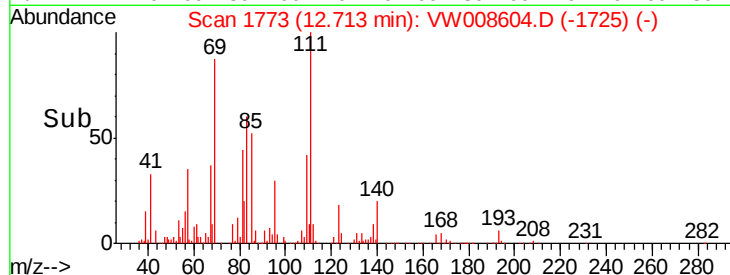
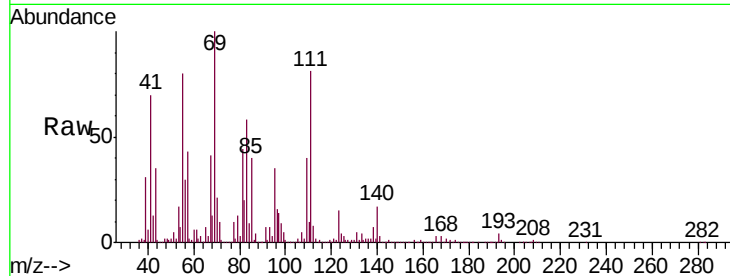
Tgt Ion: 83 Resp: 304155

Ion Ratio Lower Upper

83 100

131 5.5 5.5 16.4

85 53.3 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 157.367 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008604.D

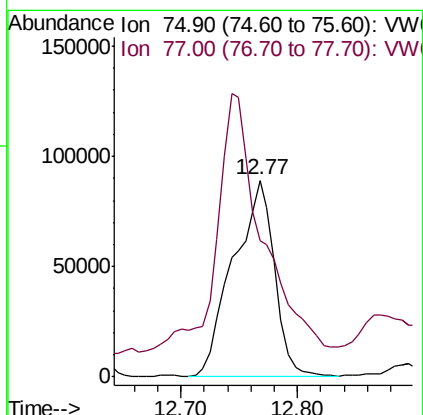
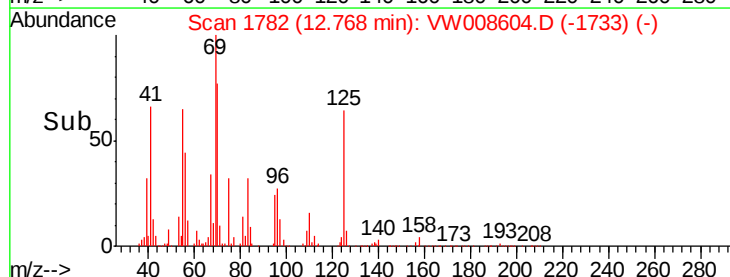
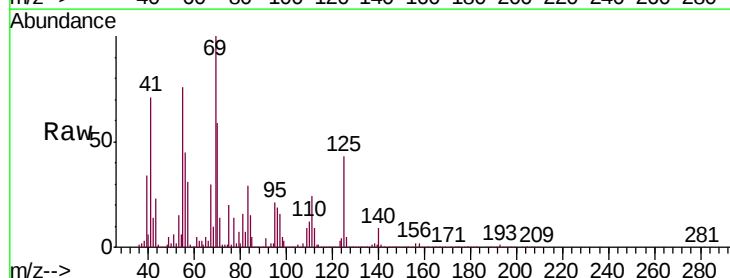
Acq: 11 Feb 2019 18:15

Tgt Ion: 75 Resp: 216067

Ion Ratio Lower Upper

75 100

77 0.0 180.7 542.1#





#77

Bromobenzene

Concen: 39.535 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

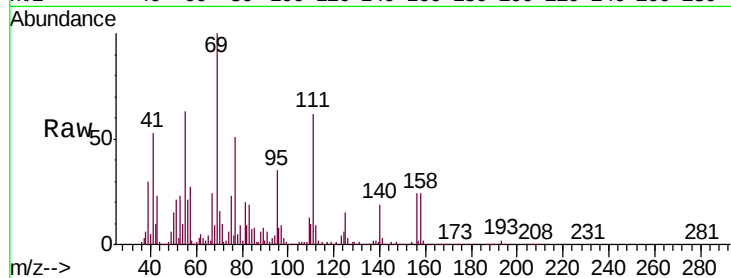
Tgt Ion: 156 Resp: 101652

Ion Ratio Lower Upper

156 100

77 309.6 96.9 290.7#

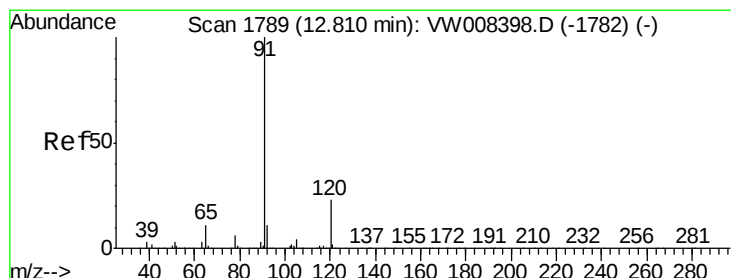
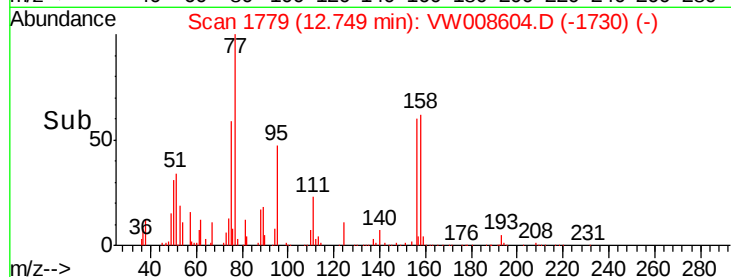
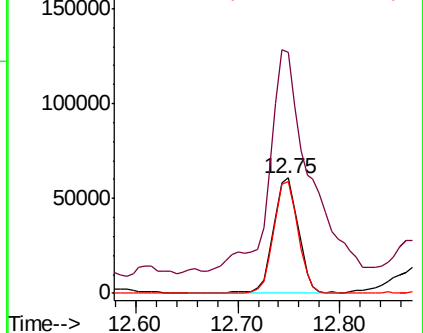
158 96.1 48.8 146.4



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: 28.979 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008604.D

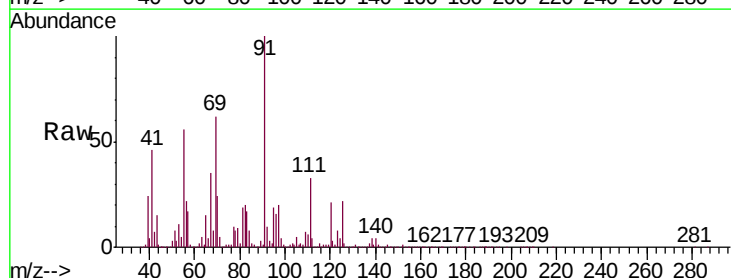
Acq: 11 Feb 2019 18:15

Tgt Ion: 91 Resp: 409776

Ion Ratio Lower Upper

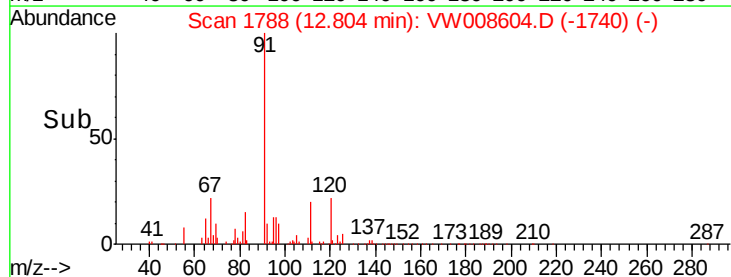
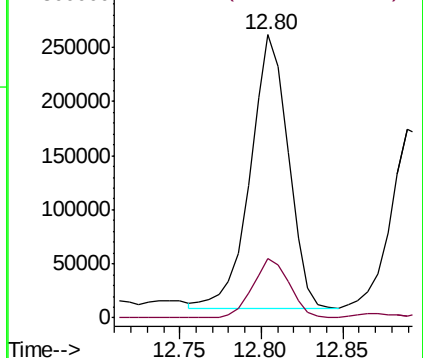
91 100

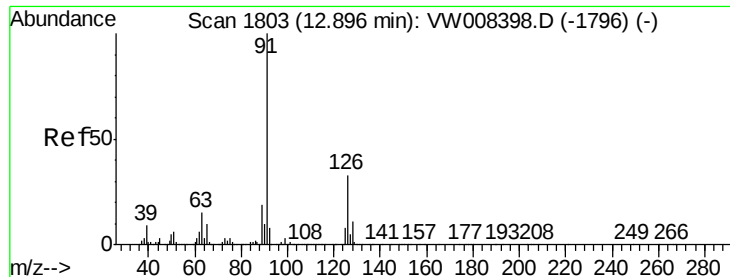
120 20.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 36.811 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

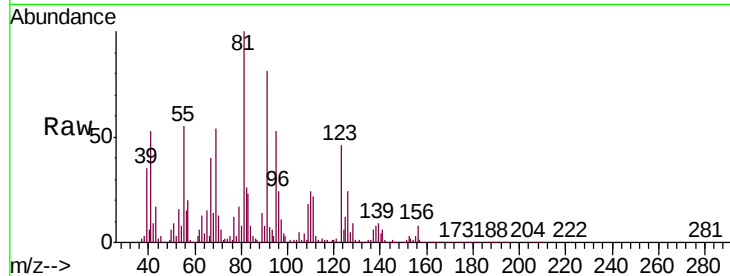
SB-10(0-5)MS

Tgt Ion: 91 Resp: 293733

Ion Ratio Lower Upper

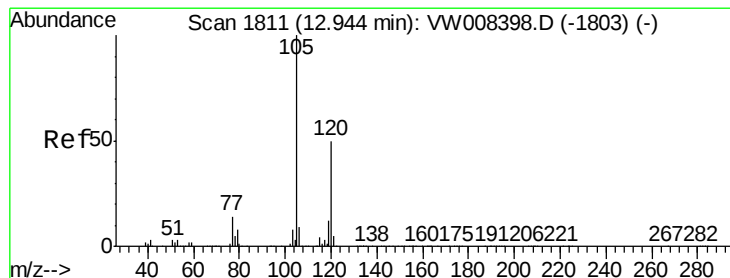
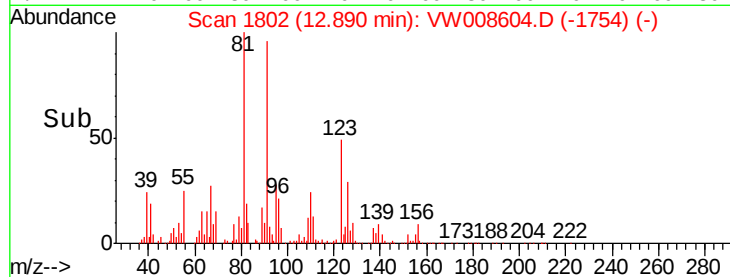
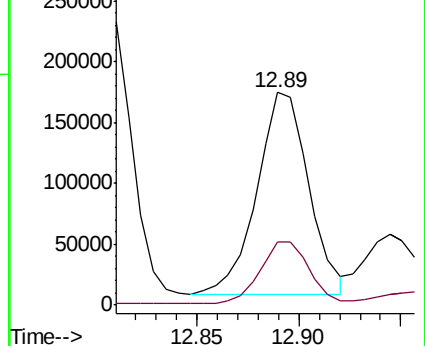
91 100

126 28.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 59.884 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008604.D

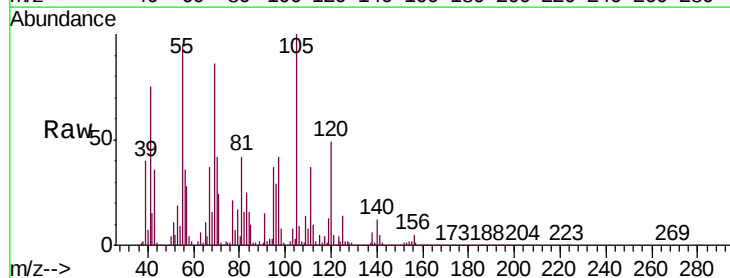
Acq: 11 Feb 2019 18:15

Tgt Ion: 105 Resp: 589287

Ion Ratio Lower Upper

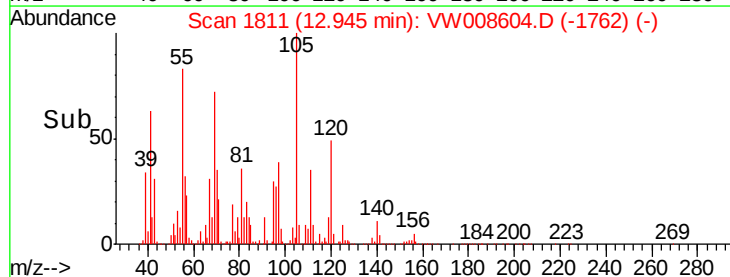
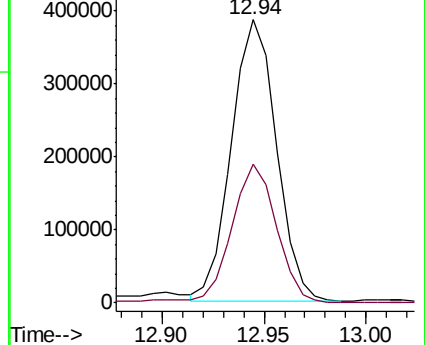
105 100

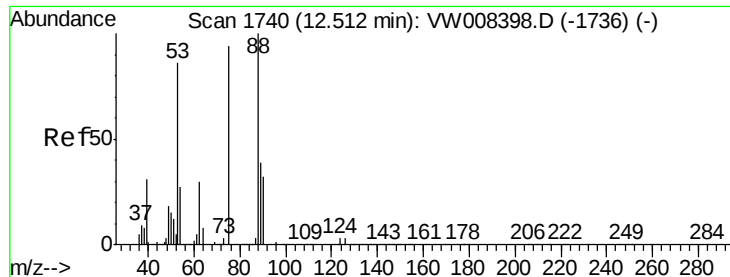
120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

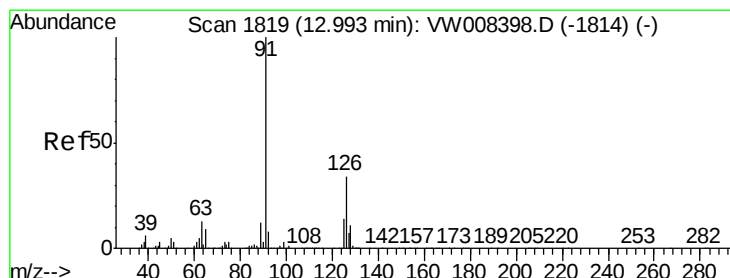
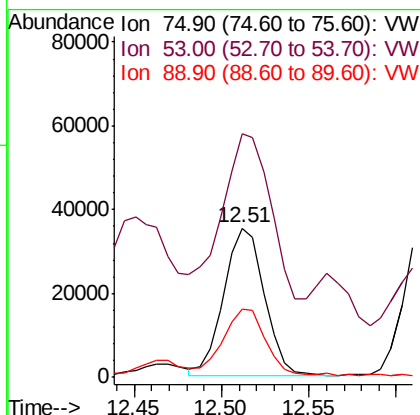
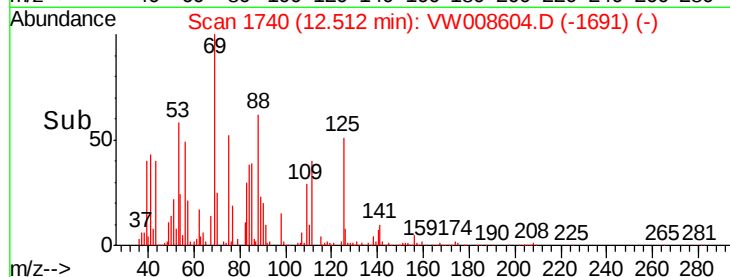
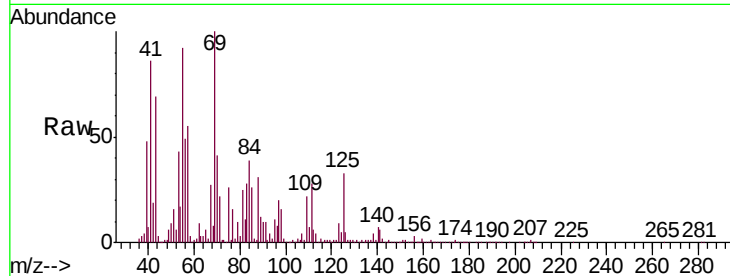




#81
trans-1,4-Dichloro-2-butene
Concen: 82.904 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

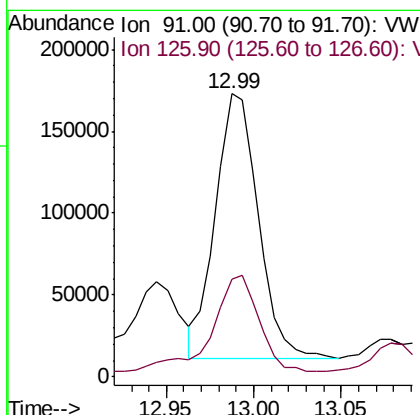
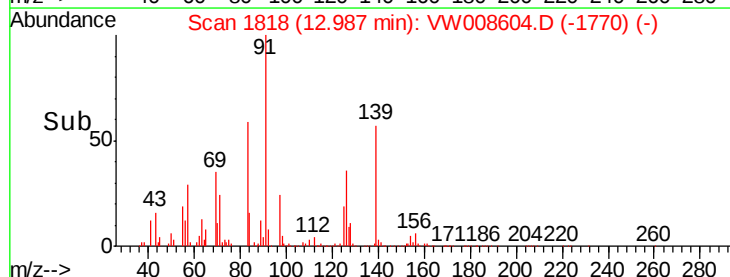
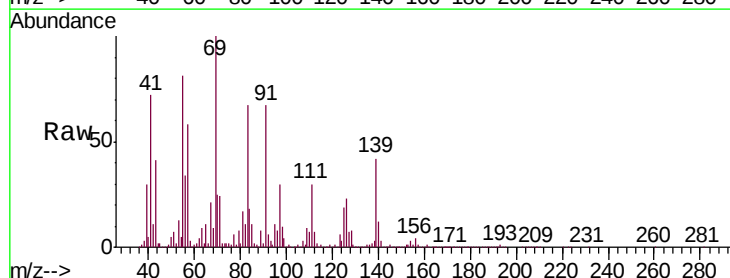
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

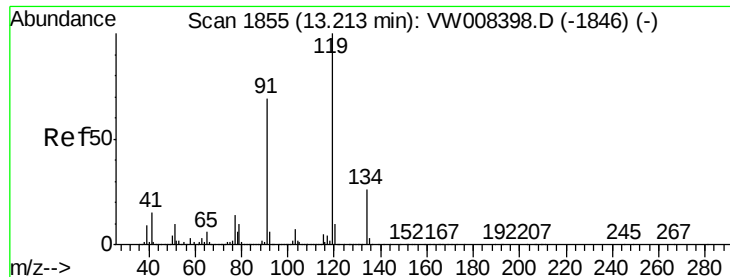
Tgt Ion: 75 Resp: 57632
Ion Ratio Lower Upper
75 100
53 127.5 76.0 114.0#
89 44.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 32.539 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 91 Resp: 276436
Ion Ratio Lower Upper
91 100
126 44.1 16.4 49.2





#83

tert-Butylbenzene

Concen: 27.594 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

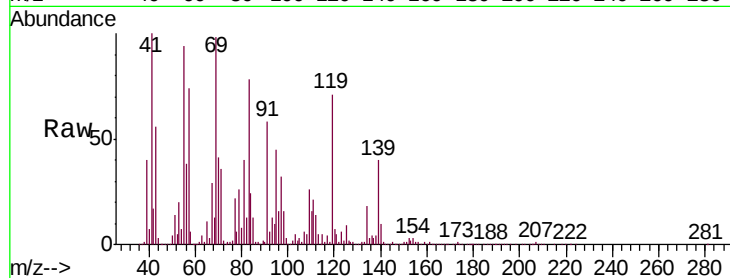
Tgt Ion:119 Resp: 241639

Ion Ratio Lower Upper

119 100

91 77.8 33.8 101.4

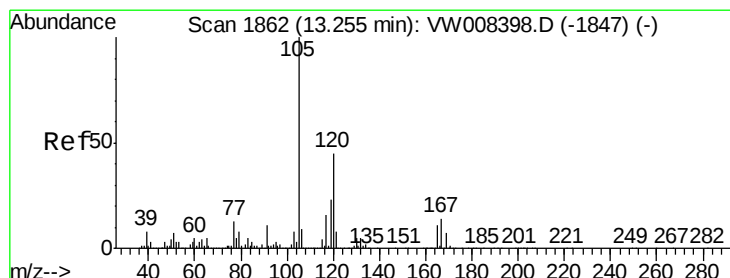
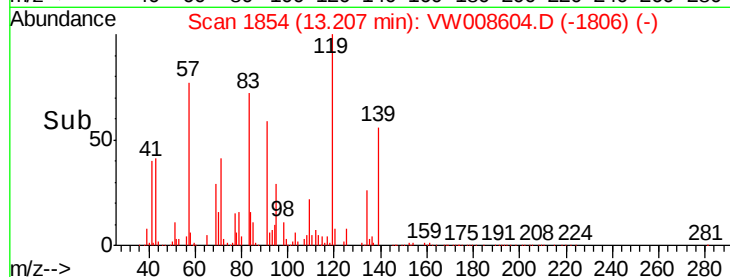
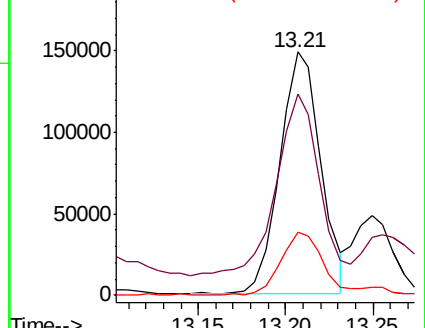
134 26.3 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 25.343 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008604.D

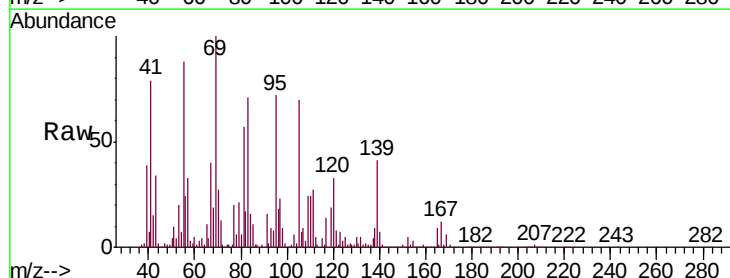
Acq: 11 Feb 2019 18:15

Tgt Ion:105 Resp: 253483

Ion Ratio Lower Upper

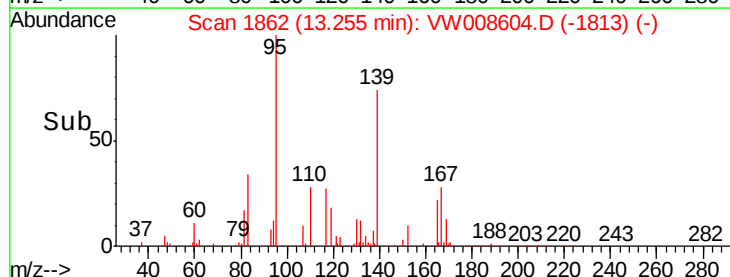
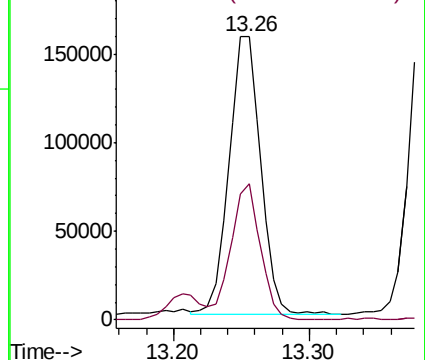
105 100

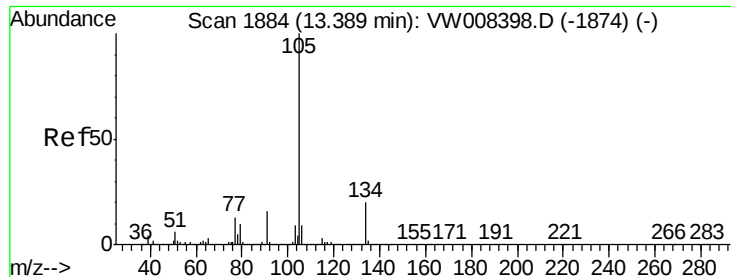
120 44.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 24.800 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

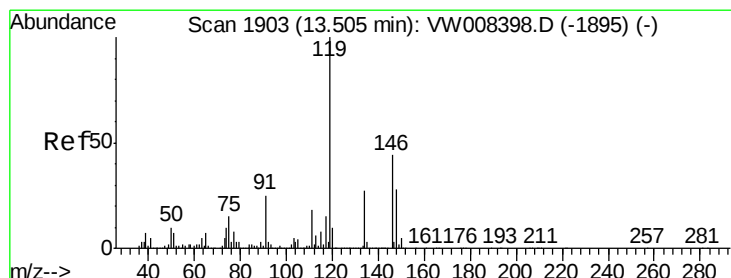
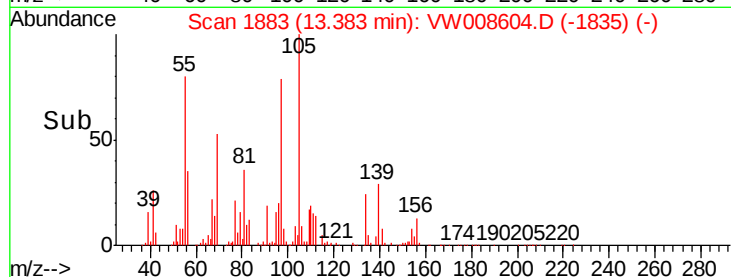
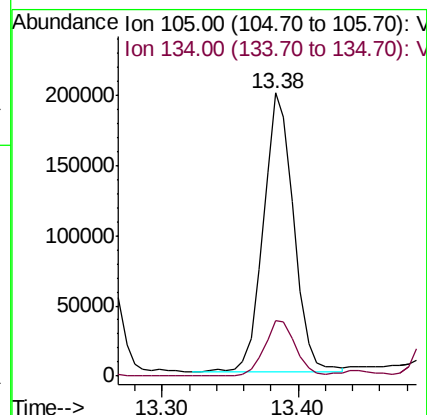
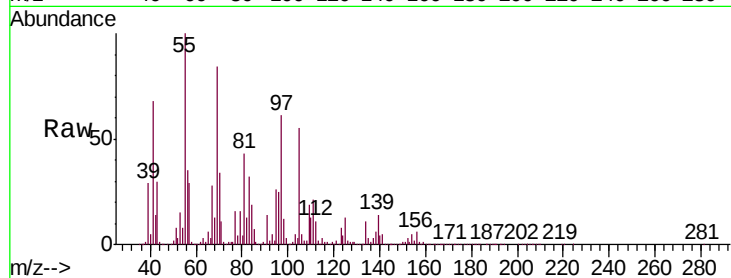
SB-10(0-5)MS

Tgt Ion:105 Resp: 310148

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 23.926 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

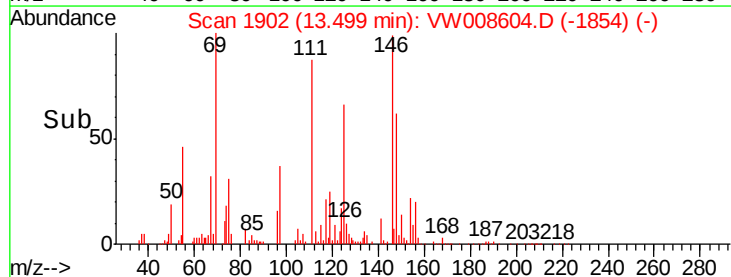
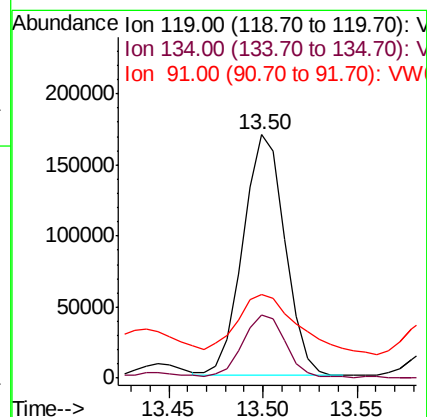
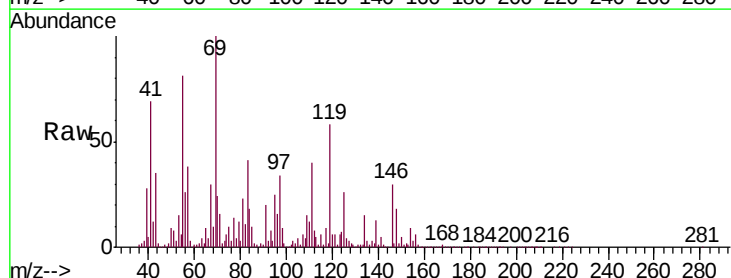
Tgt Ion:119 Resp: 262102

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 35.8 12.6 37.6

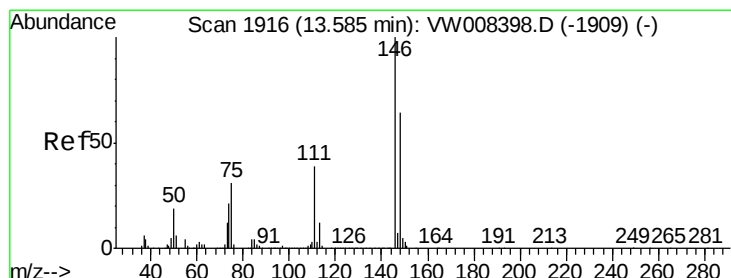
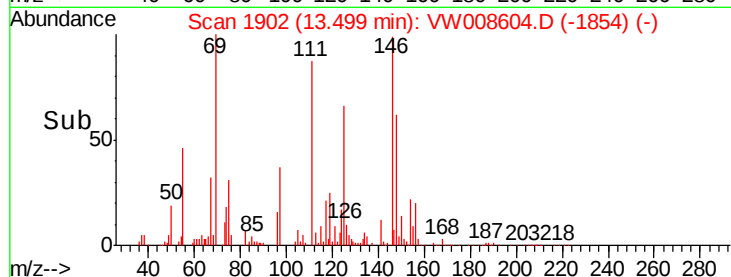
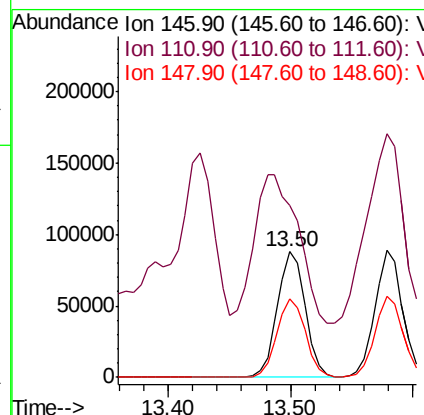
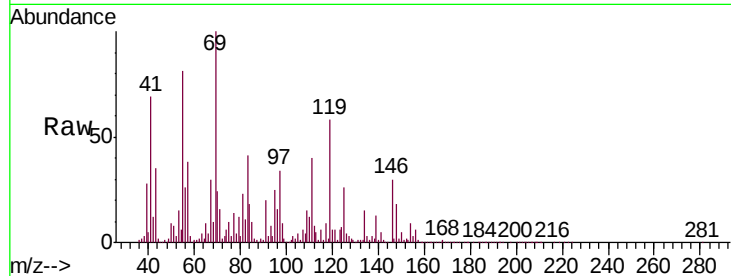




#87
 1,3-Dichlorobenzene
 Concen: 26.716 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

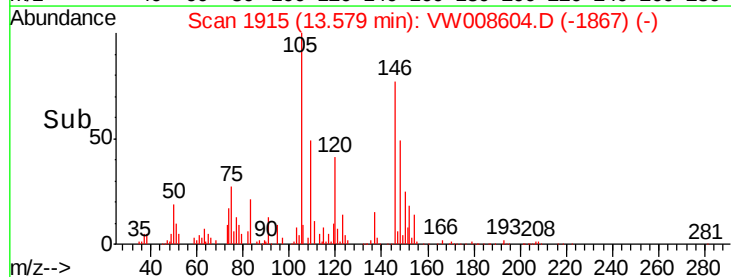
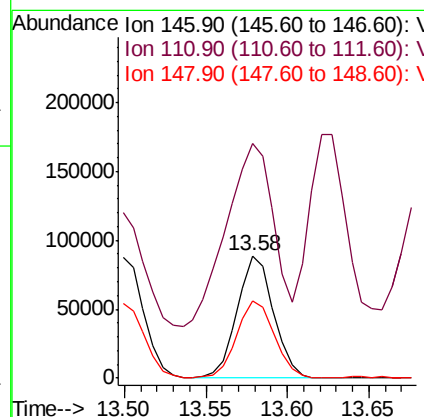
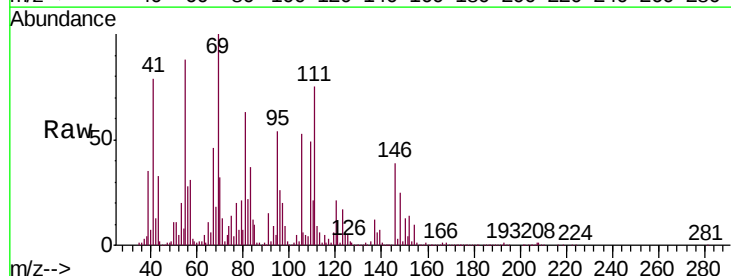
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

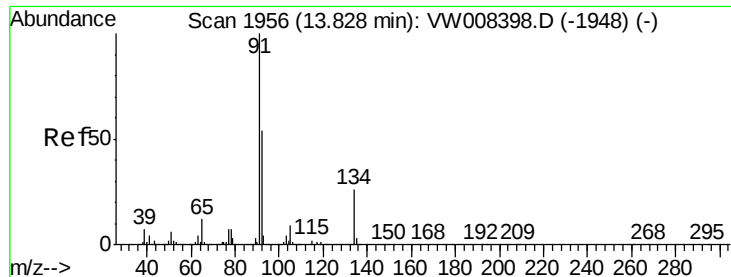
Tgt Ion:146 Resp: 138726
 Ion Ratio Lower Upper
 146 100
 111 185.5 20.3 60.9#
 148 62.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 26.464 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion:146 Resp: 136568
 Ion Ratio Lower Upper
 146 100
 111 195.9 20.0 60.0#
 148 64.9 32.0 96.2

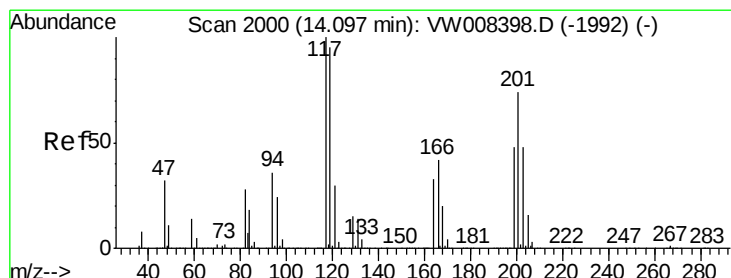
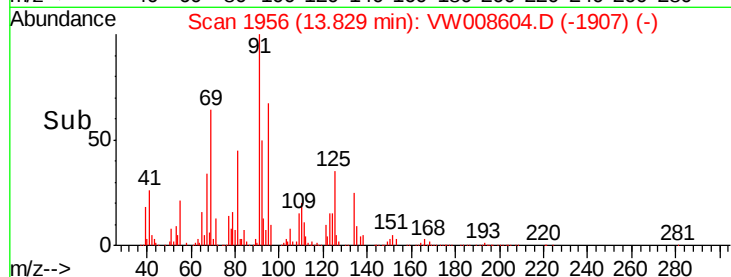
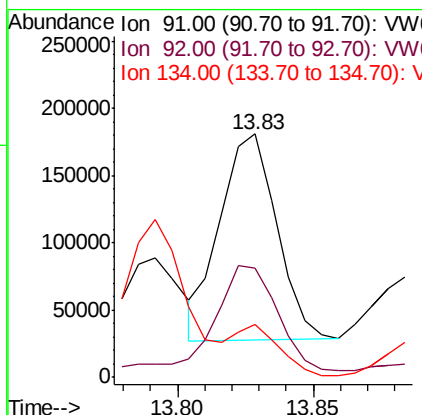
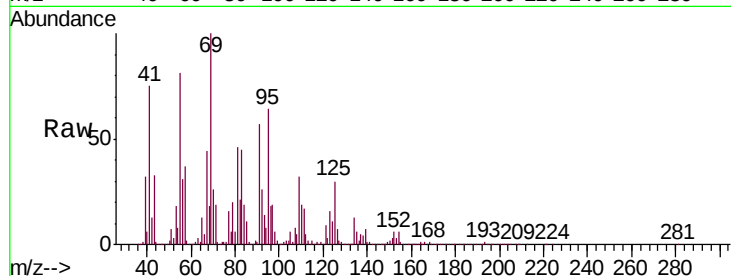




#89
n-Butylbenzene
Concen: 20.478 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

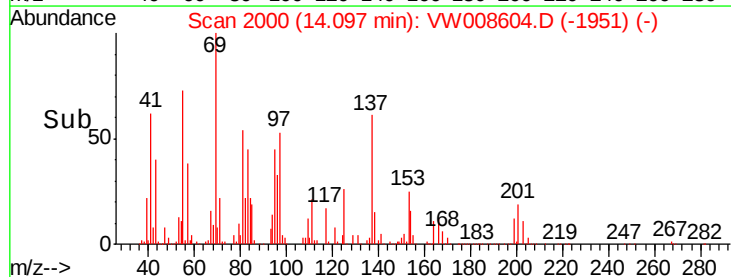
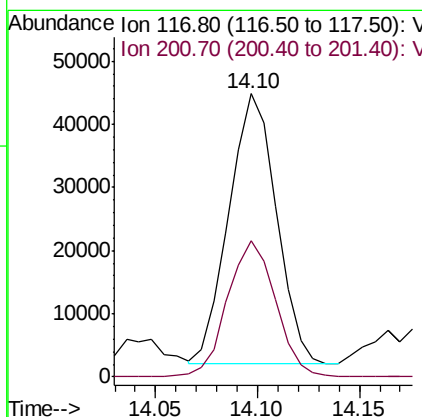
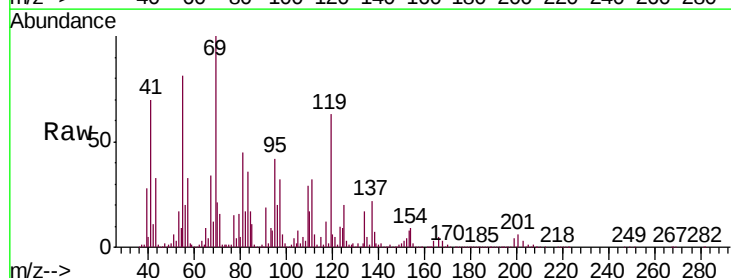
Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Tgt Ion: 91 Resp: 220264
Ion Ratio Lower Upper
91 100
92 61.6 27.4 82.2
134 19.5 13.0 39.0



#90
Hexachloroethane
Concen: 32.189 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion: 117 Resp: 68958
Ion Ratio Lower Upper
117 100
201 51.4 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 27.267 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-5)MS

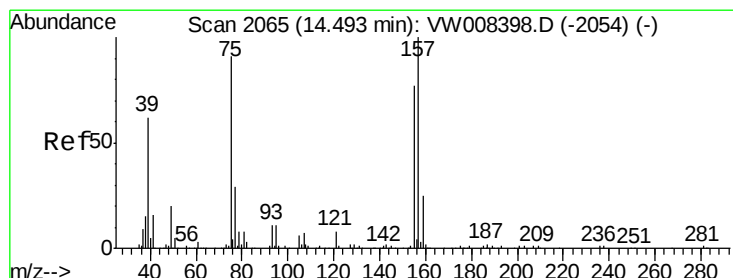
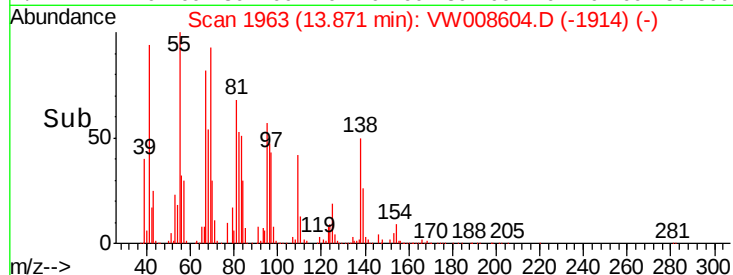
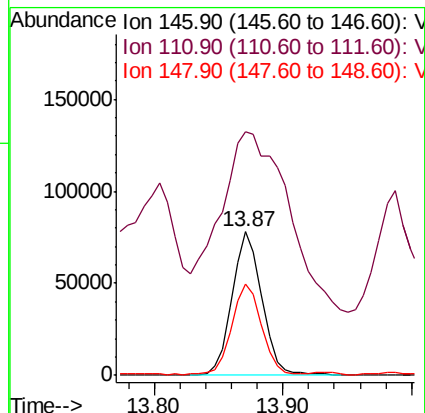
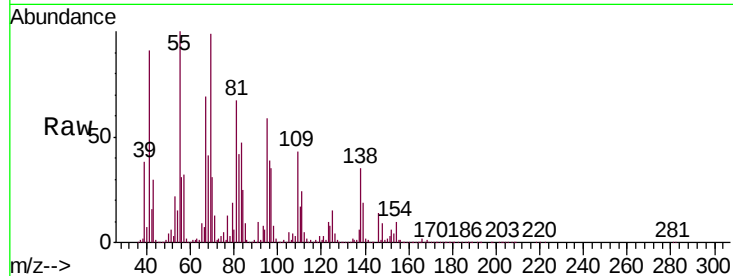
Tgt Ion:146 Resp: 125280

Ion Ratio Lower Upper

146 100

111 287.3 21.1 63.3#

148 62.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 82.445 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008604.D

Acq: 11 Feb 2019 18:15

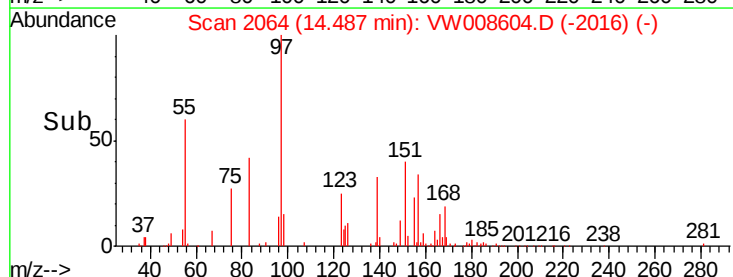
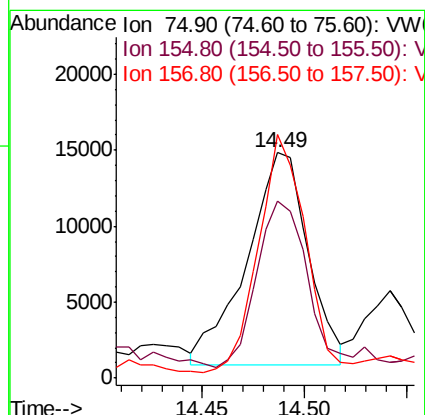
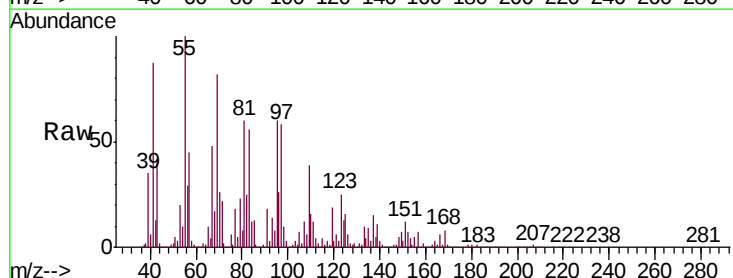
Tgt Ion: 75 Resp: 29158

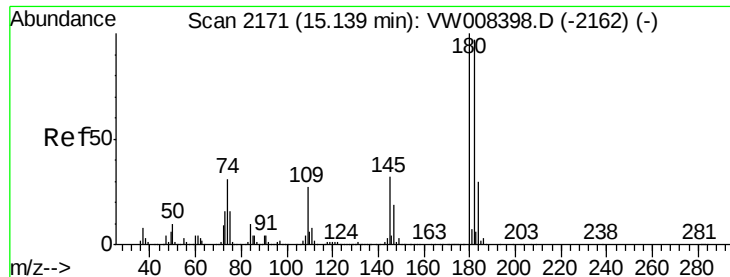
Ion Ratio Lower Upper

75 100

155 64.5 42.7 128.1

157 87.2 55.5 166.3

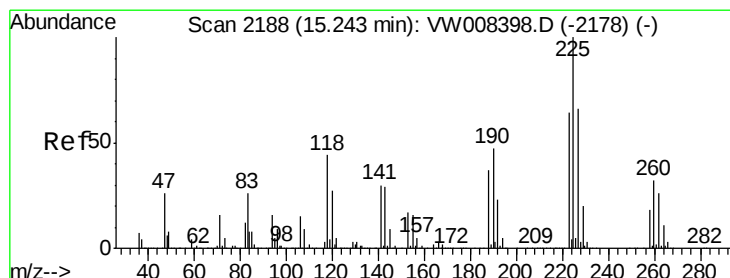
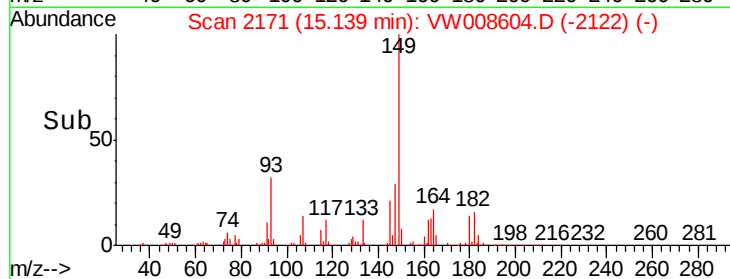
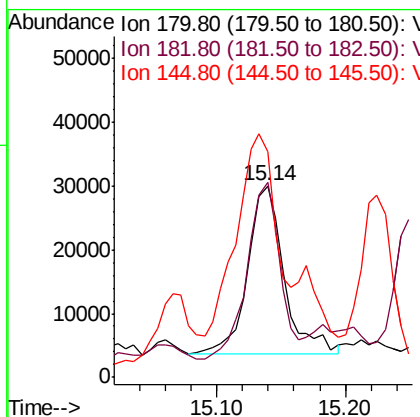
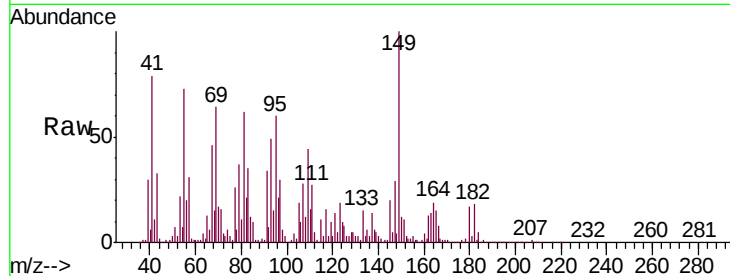




#93
 1,2,4-Trichlorobenzene
 Concen: 15.790 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

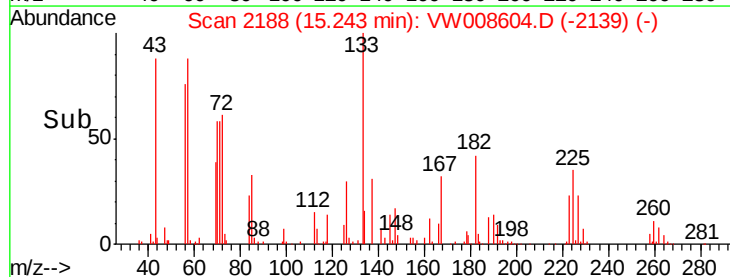
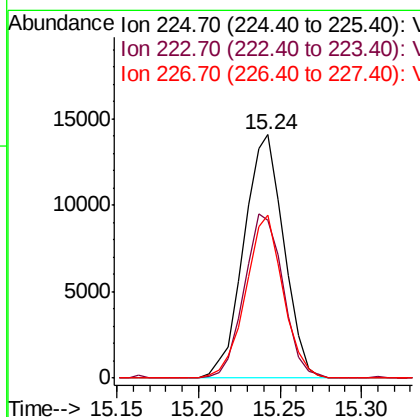
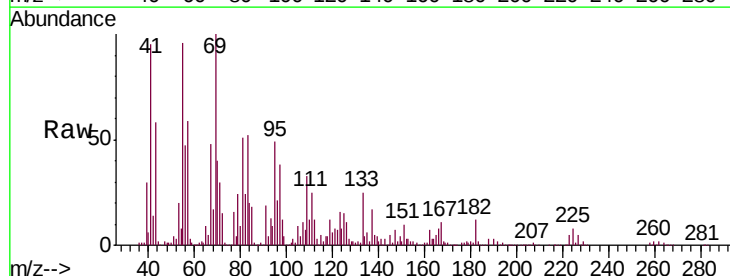
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

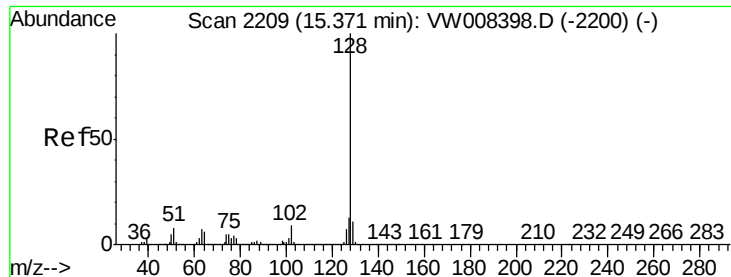
Tgt Ion:180 Resp: 51771
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.7
 145 127.7 15.5 46.5#



#94
 Hexachlorobutadiene
 Concen: 12.135 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008604.D
 Acq: 11 Feb 2019 18:15

Tgt Ion:225 Resp: 23978
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.7 95.1
 227 62.9 32.1 96.3

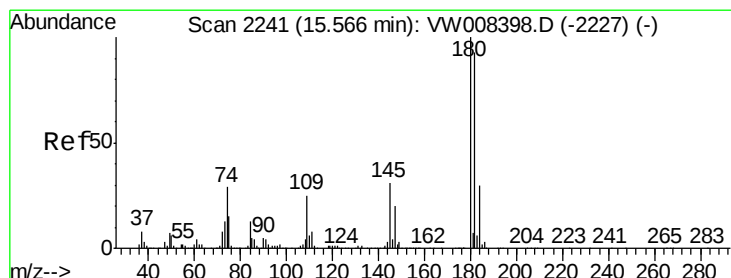
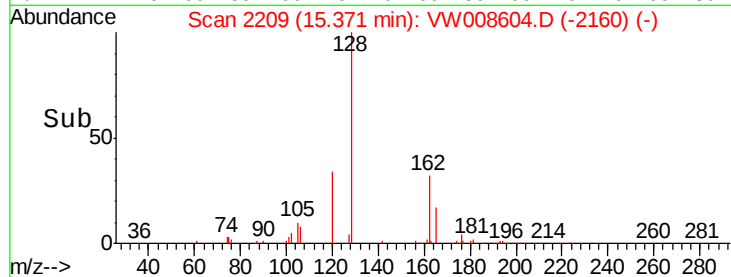
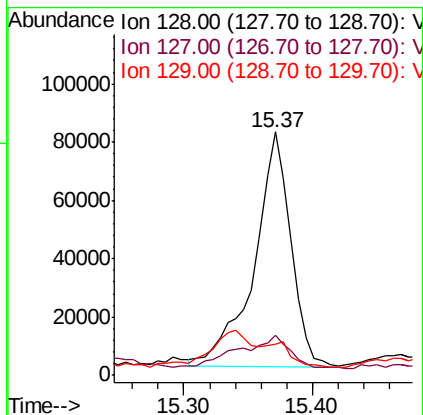
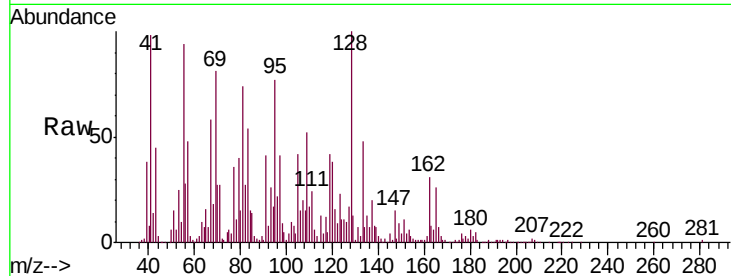




#95
Naphthalene
Concen: 27.760 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Instrument :
MSVOA_W
ClientSampled :
SB-10(0-5)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	19.4	10.6	15.8#
129	0.0	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 19.421 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008604.D
Acq: 11 Feb 2019 18:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	63.3	47.0	141.2
145	0.0	15.9	47.6#

