

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008519.D
 Acq On : 06 Feb 2019 11:27
 Operator : SY/VA
 Sample : VW0206SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBS01

Quant Time: Feb 07 02:02:32 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	626570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	953254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	831595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	429760	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	298523	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	7.88	113	296316	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
50) Toluene-d8	10.32	98	1126959	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	413282	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	49572	16.053	ug/l	94
3) Chloromethane	2.21	50	83297	16.286	ug/l	99
4) Vinyl Chloride	2.36	62	117473	18.043	ug/l	99
5) Bromomethane	2.78	94	99469	23.686	ug/l	99
6) Chloroethane	2.93	64	87153	21.888	ug/l	99
7) Trichlorofluoromethane	3.25	101	85847	18.452	ug/l	97
8) Diethyl Ether	3.68	74	57388	18.366	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	106653	18.820	ug/l	98
10) Methyl Iodide	4.26	142	170029	18.995	ug/l	99
11) Tert butyl alcohol	5.18	59	35256m	71.140	ug/l	
12) 1,1-Dichloroethene	4.03	96	102804	17.925	ug/l	96
13) Acrolein	3.89	56	29155	69.747	ug/l	98
14) Allyl chloride	4.65	41	182261	16.736	ug/l	98
15) Acrylonitrile	5.37	53	117211	86.870	ug/l	97
16) Acetone	4.12	43	112087	81.087	ug/l	91
17) Carbon Disulfide	4.37	76	312470	17.059	ug/l	98
18) Methyl Acetate	4.67	43	59381	16.106	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	173618	18.297	ug/l	98
20) Methylene Chloride	4.91	84	122328	19.200	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	119094	18.471	ug/l	92
22) Diisopropyl ether	6.31	45	355114	17.205	ug/l	95
23) Vinyl Acetate	6.25	43	1034997	84.923	ug/l	97
24) 1,1-Dichloroethane	6.20	63	209253	17.911	ug/l	98
25) 2-Butanone	7.17	43	162603	84.690	ug/l	98
26) 2,2-Dichloropropane	7.16	77	141096	17.867	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	130588	18.584	ug/l	97
28) Bromochloromethane	7.51	49	94234	17.561	ug/l	96
29) Tetrahydrofuran	7.53	42	101152	83.136	ug/l	98
30) Chloroform	7.67	83	211828	18.434	ug/l	98
31) Cyclohexane	7.95	56	205163	16.983	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	184487	18.587	ug/l	99
36) 1,1-Dichloropropene	8.08	75	171906	19.091	ug/l	98
37) Ethyl Acetate	7.25	43	70519	17.701	ug/l	98
38) Carbon Tetrachloride	8.06	117	177146	19.550	ug/l	93

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 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	9.33	83	216131	18.271	ug/l	99
40) Benzene	8.32	78	471925	18.887	ug/l	96
41) Methacrylonitrile	7.48	41	42498	18.016	ug/l	99
42) 1,2-Dichloroethane	8.40	62	139260	19.232	ug/l	99
43) Isopropyl Acetate	8.42	43	143852	17.381	ug/l	97
44) Trichloroethene	9.09	130	133009	19.576	ug/l	100
45) 1,2-Dichloropropane	9.37	63	116832	18.753	ug/l	99
46) Dibromomethane	9.46	93	60522	18.887	ug/l	97
47) Bromodichloromethane	9.64	83	157234	18.551	ug/l	98
48) Methyl methacrylate	9.43	41	66951	16.544	ug/l	95
49) 1,4-Dioxane	9.46	88	17908	330.628	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	352285	86.156	ug/l	99
52) Toluene	10.38	92	308954	18.731	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	159956	17.736	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	186168	18.190	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	82840	18.638	ug/l	98
56) Ethyl methacrylate	10.65	69	106699	17.132	ug/l	96
57) 1,3-Dichloropropane	10.93	76	150207	18.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	286794	94.778	ug/l	97
59) 2-Hexanone	10.97	43	252887	87.607	ug/l	99
60) Dibromochloromethane	11.13	129	103893	18.189	ug/l	99
61) 1,2-Dibromoethane	11.23	107	80874	18.351	ug/l	99
64) Tetrachloroethene	10.86	164	112053	19.901	ug/l	92
65) Chlorobenzene	11.66	112	333442	19.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	116600	19.198	ug/l	97
67) Ethyl Benzene	11.73	91	590252	18.916	ug/l	98
68) m/p-Xylenes	11.84	106	458049	37.833	ug/l	97
69) o-Xylene	12.16	106	216933	18.858	ug/l	99
70) Styrene	12.18	104	347529	18.289	ug/l	97
71) Bromoform	12.35	173	62922	18.413	ug/l	99
73) Isopropylbenzene	12.46	105	601697	18.780	ug/l	99
74) N-amyl acetate	12.27	43	138587	16.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	95910	18.908	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66049m	17.677	ug/l	
77) Bromobenzene	12.75	156	136106	19.452	ug/l	94
78) n-propylbenzene	12.80	91	718234	18.664	ug/l	98
79) 2-Chlorotoluene	12.89	91	399052	18.377	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	497283	18.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31191	16.487	ug/l	97
82) 4-Chlorotoluene	12.99	91	414013	17.908	ug/l	96
83) tert-Butylbenzene	13.21	119	433764	18.202	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	508166	18.669	ug/l	99
85) sec-Butylbenzene	13.38	105	631597	18.558	ug/l	99
86) p-Isopropyltoluene	13.50	119	565326	18.963	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	274228	19.406	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	271843	19.357	ug/l	99
89) n-Butylbenzene	13.83	91	535250	18.286	ug/l	99
90) Hexachloroethane	14.10	117	106334	18.239	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	242303	19.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16824	17.480	ug/l	98

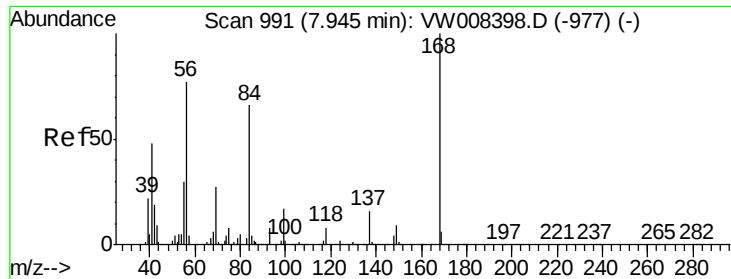
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020619\
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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	183560	20.572	ug/l	96
94) Hexachlorobutadiene	15.24	225	109071	20.283	ug/l	99
95) Naphthalene	15.37	128	302825	19.329	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	150619	19.900	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

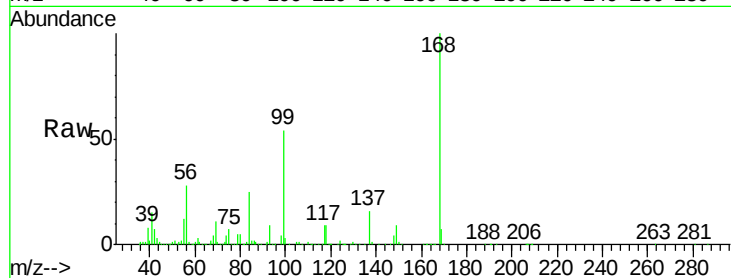
VW0206SBS01

Tot Ion:168 Resp: 626570

Ion Ratio Lower Upper

168 100

99 53.9 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

250000

200000

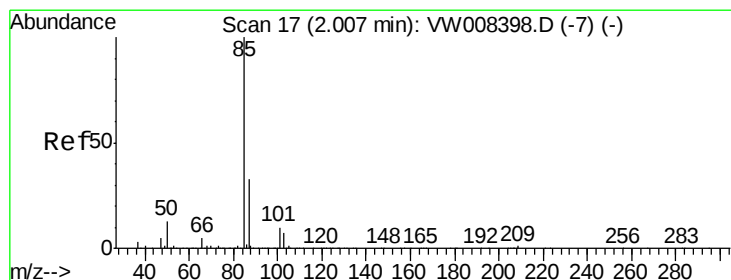
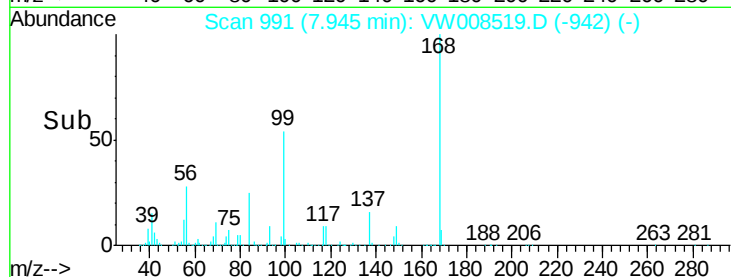
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.053 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008519.D

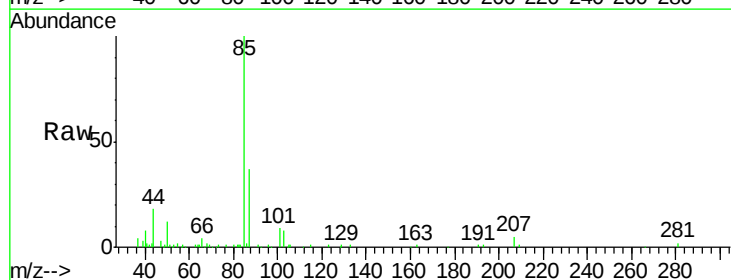
Acq: 06 Feb 2019 11:27

Tgt Ion: 85 Resp: 49572

Ion Ratio Lower Upper

85 100

87 37.1 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

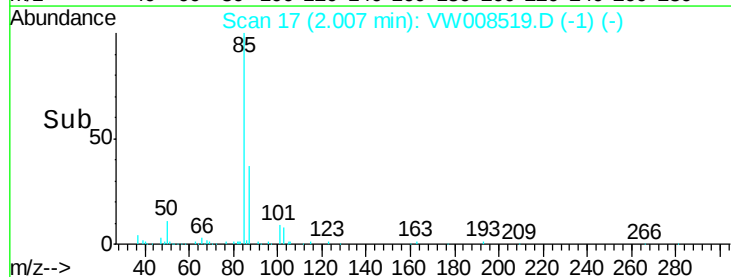
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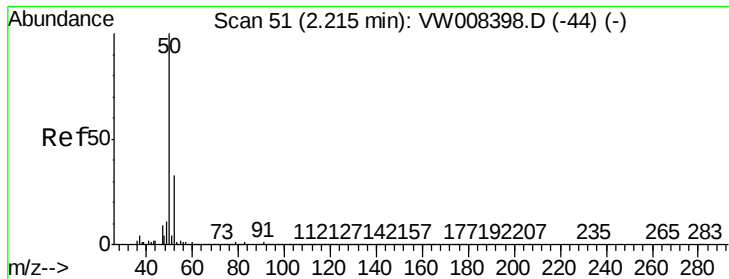
10000

5000

0

Time-->





#3

Chloromethane

Concen: 16.286 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

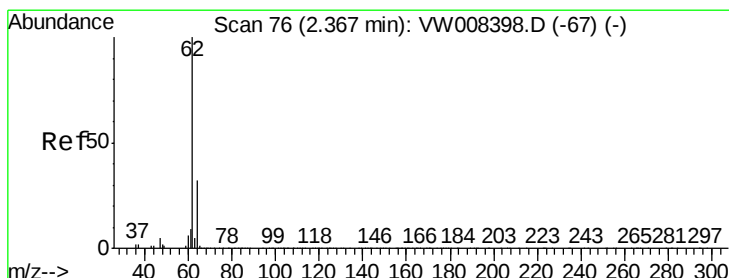
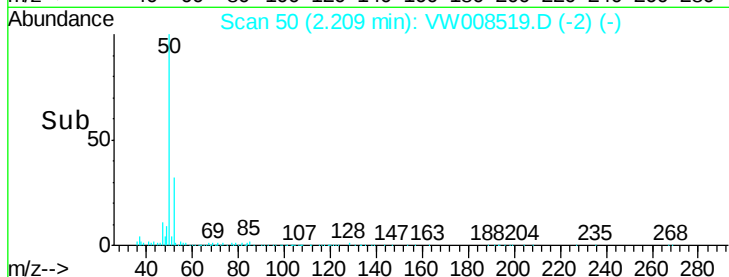
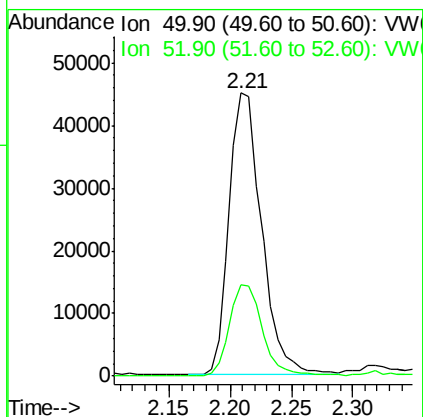
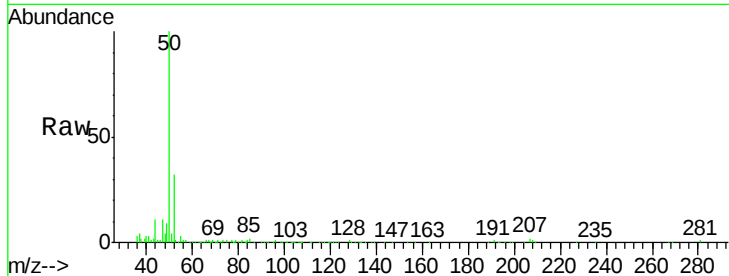
VW0206SBS01

Tot Ion: 50 Resp: 83297

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 18.043 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008519.D

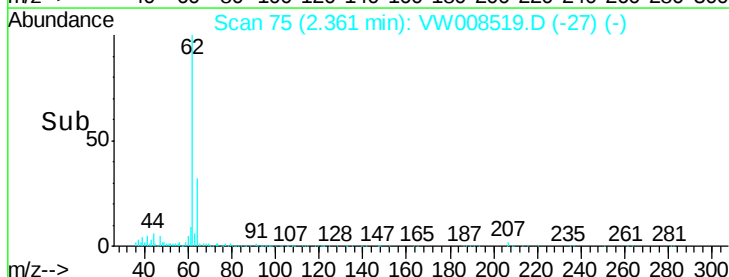
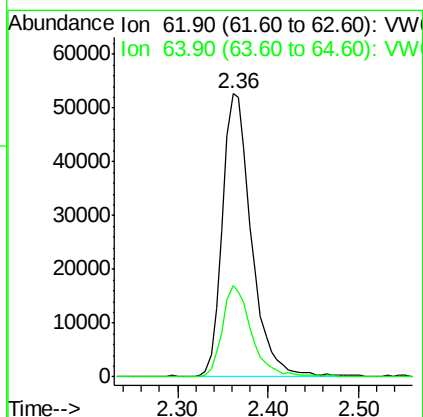
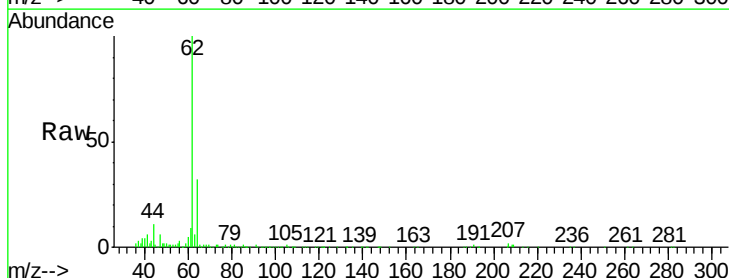
Acq: 06 Feb 2019 11:27

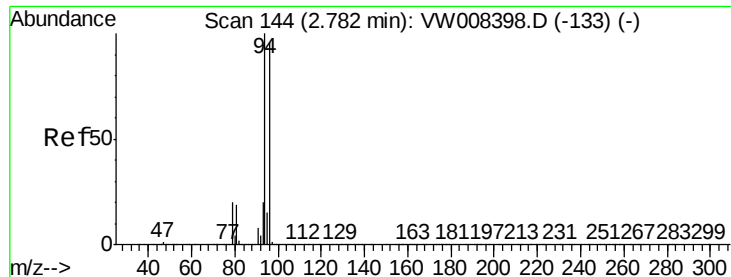
Tgt Ion: 62 Resp: 117473

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 23.686 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

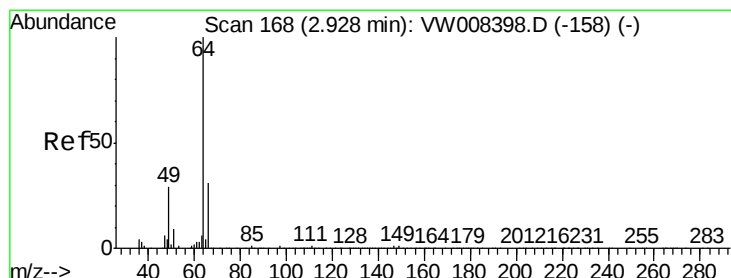
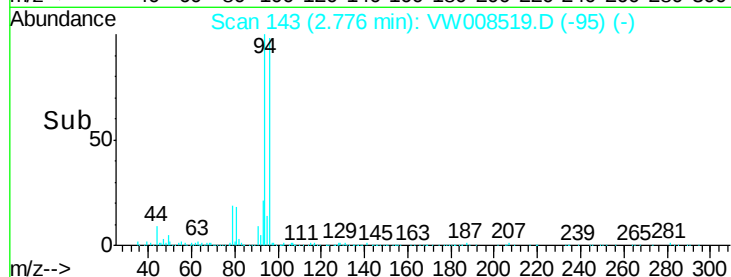
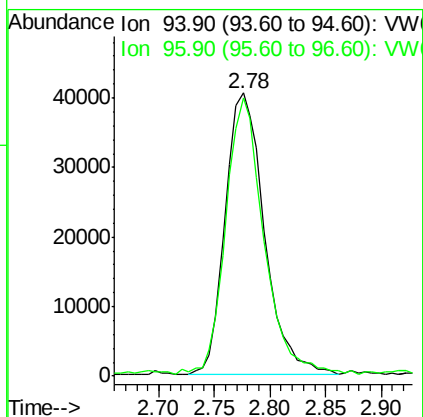
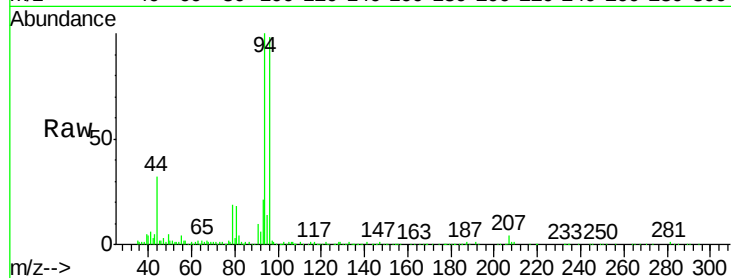
VW0206SBS01

Tot Ion: 94 Resp: 99469

Ion Ratio Lower Upper

94 100

96 97.6 77.2 115.8



#6

Chloroethane

Concen: 21.888 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008519.D

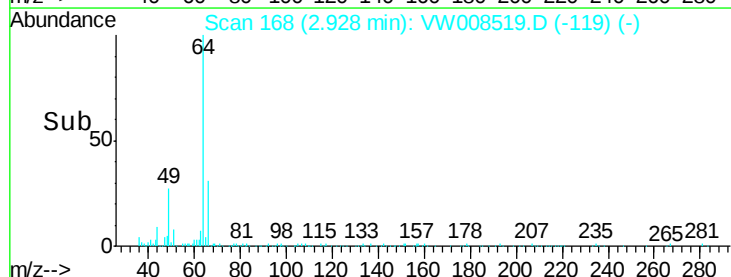
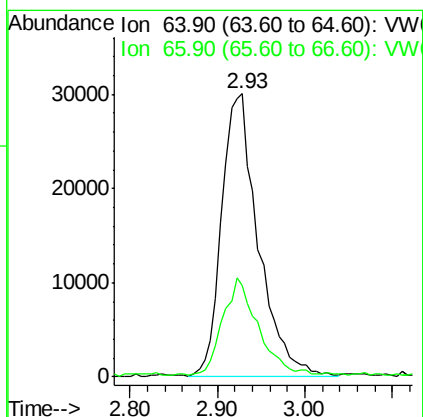
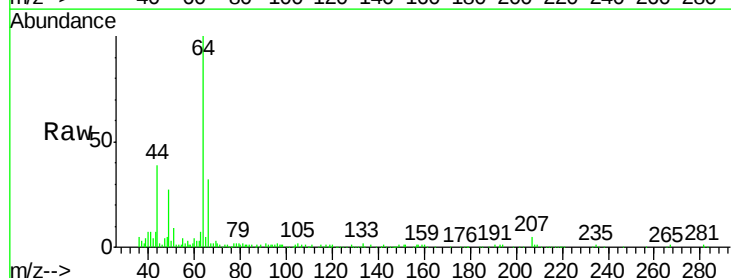
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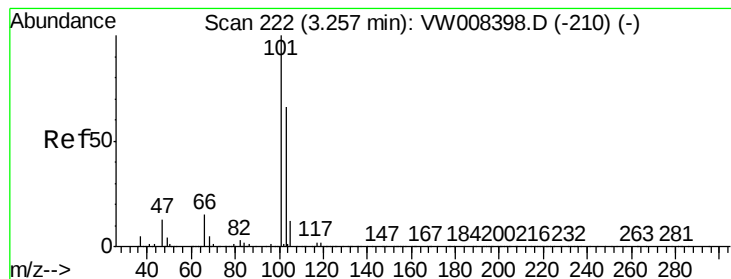
Tgt Ion: 64 Resp: 87153

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3



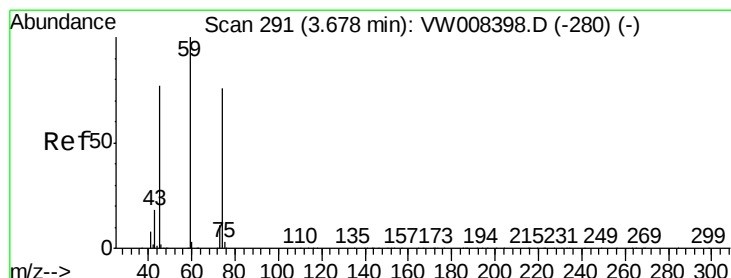
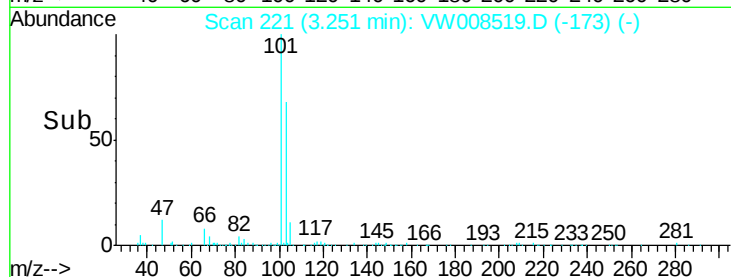
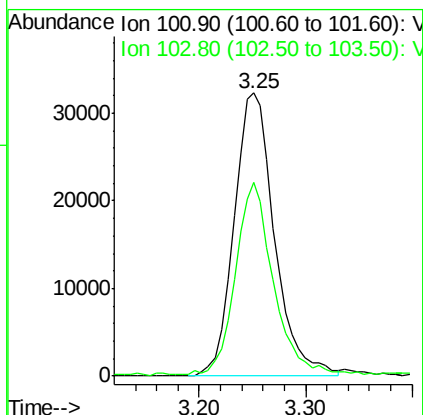
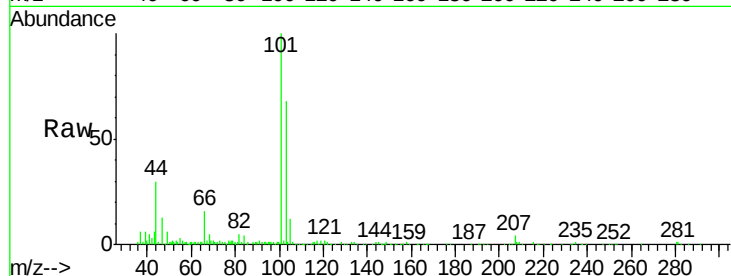


#7

Trichlorofluoromethane
Concen: 18.452 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

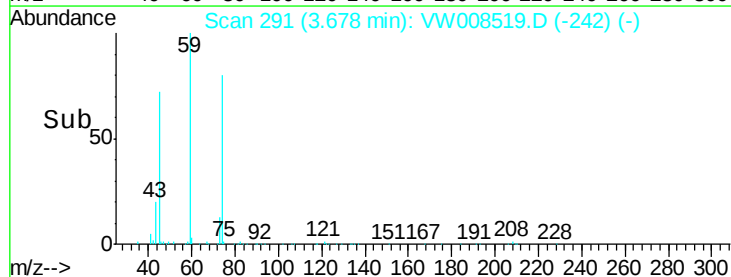
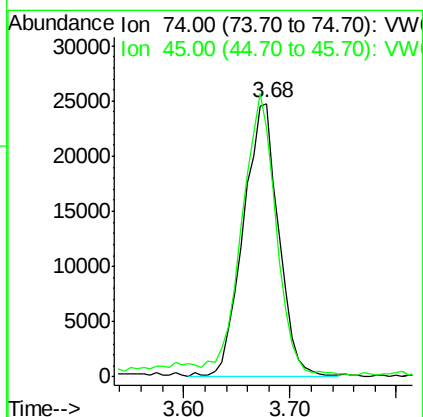
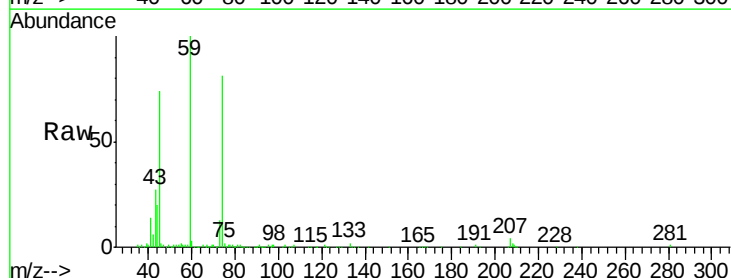
Tot Ion:101 Resp: 85847
Ion Ratio Lower Upper
101 100
103 67.6 52.5 78.7

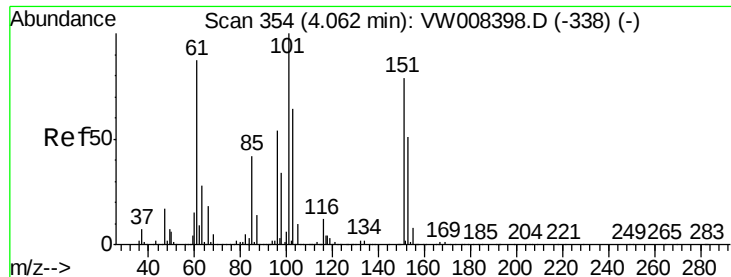


#8

Diethyl Ether
Concen: 18.366 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 74 Resp: 57388
Ion Ratio Lower Upper
74 100
45 100.6 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.820 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

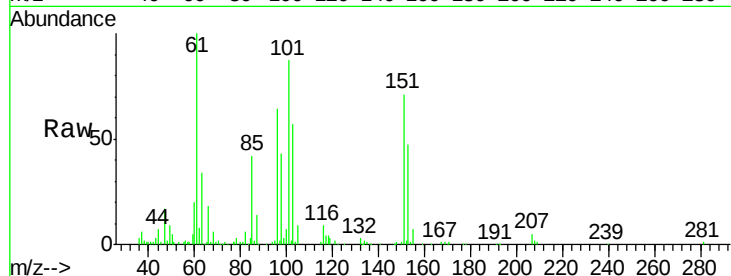
Tot Ion:101 Resp: 106653

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

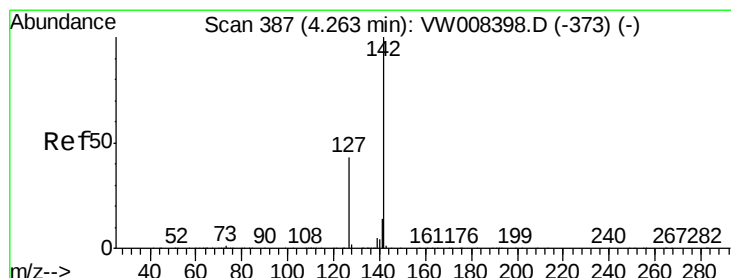
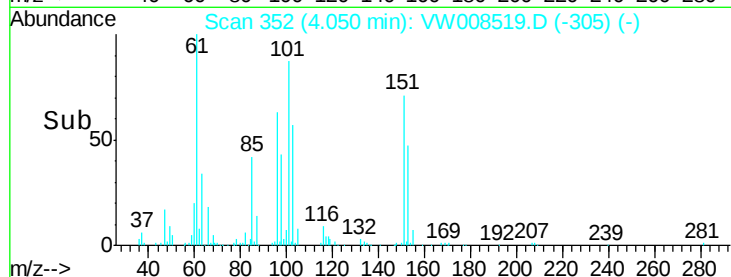
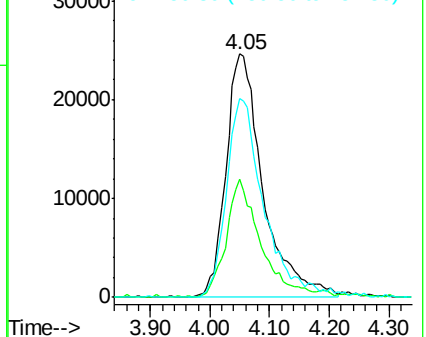
151 79.6 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.995 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

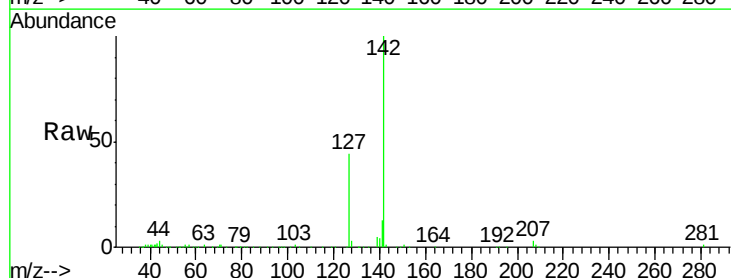
Tgt Ion:142 Resp: 170029

Ion Ratio Lower Upper

142 100

127 42.8 34.6 52.0

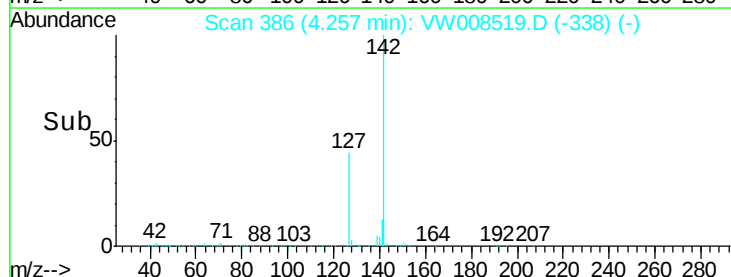
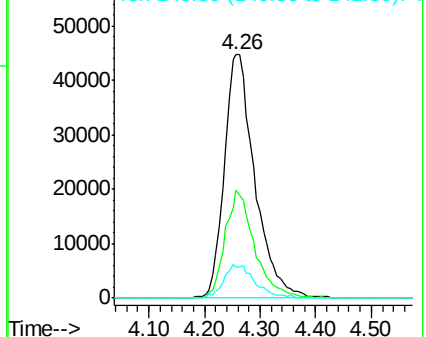
141 13.9 11.4 17.2

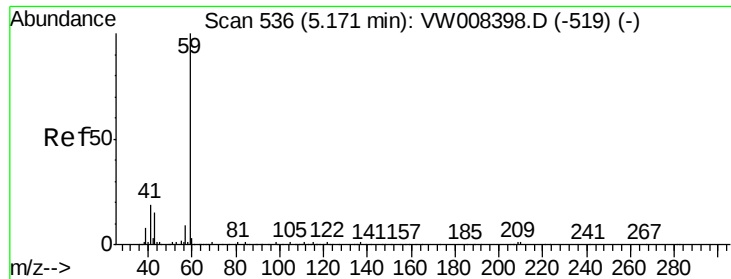


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

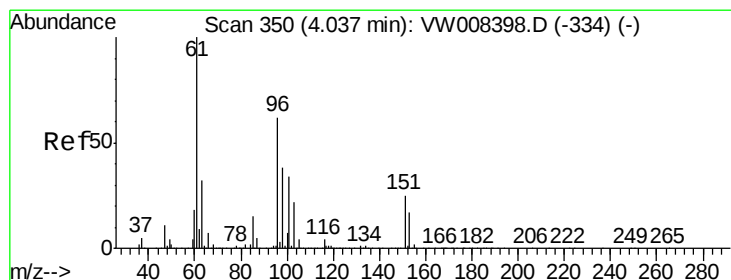
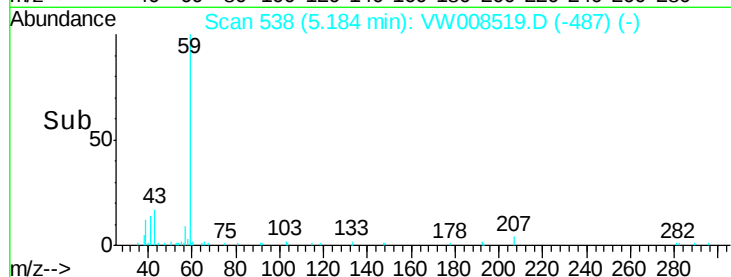
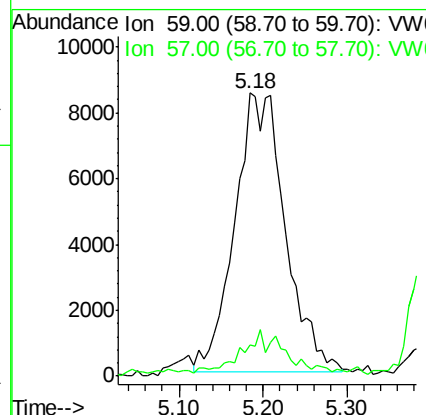
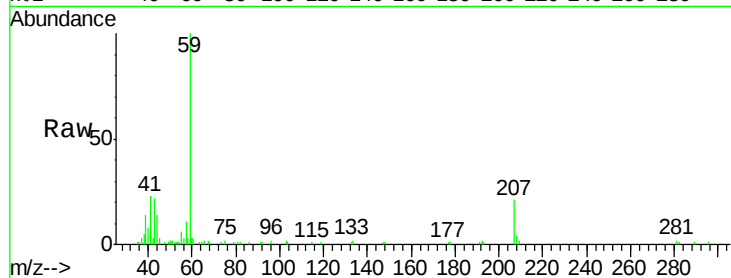




#11
Tert butyl alcohol
Concen: 71.140 ug/l m
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

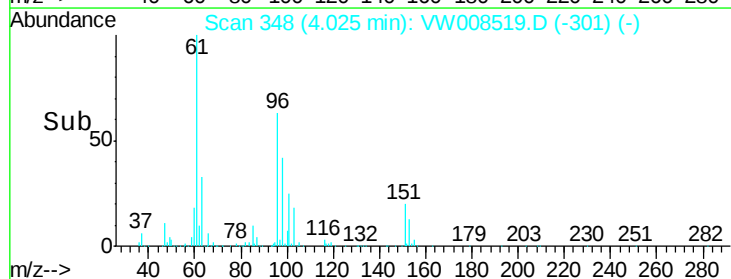
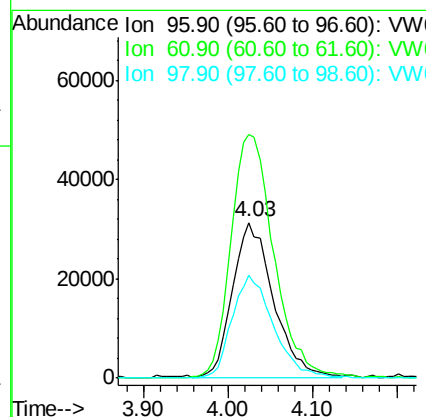
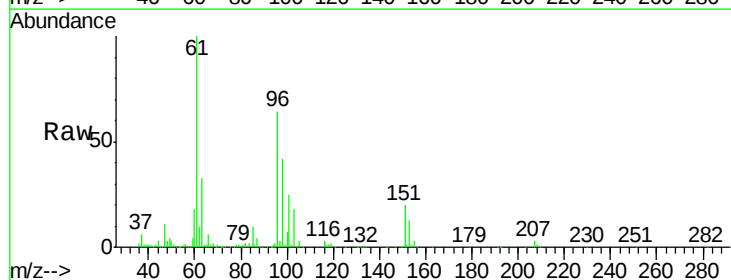
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

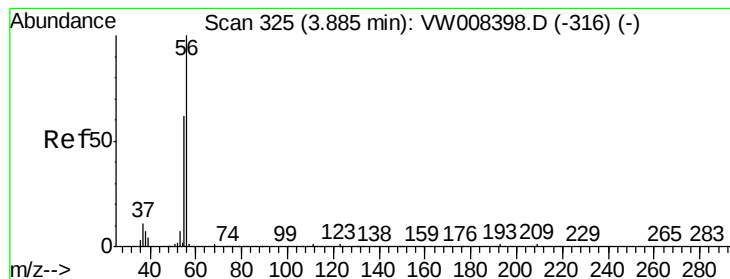
Tot Ion: 59 Resp: 35256
Ion Ratio Lower Upper
59 100
57 5.2 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 17.925 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 96 Resp: 102804
Ion Ratio Lower Upper
96 100
61 157.7 129.5 194.3
98 66.2 48.6 73.0





#13

Acrolein

Concen: 69.747 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampled :

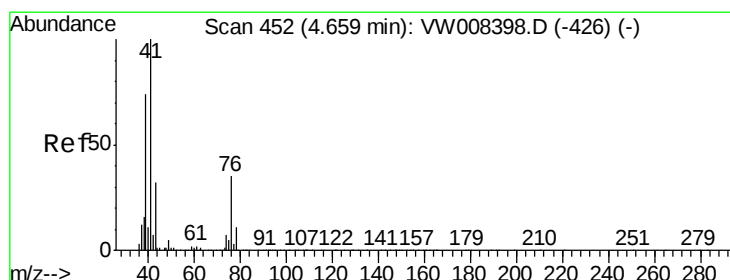
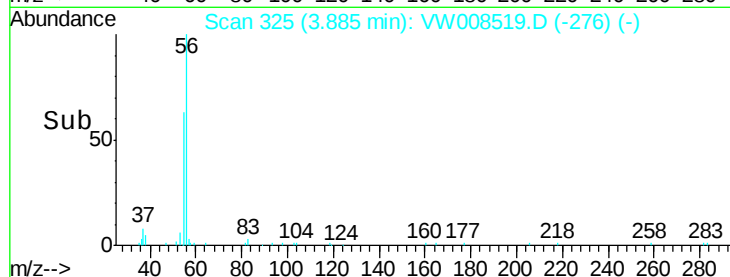
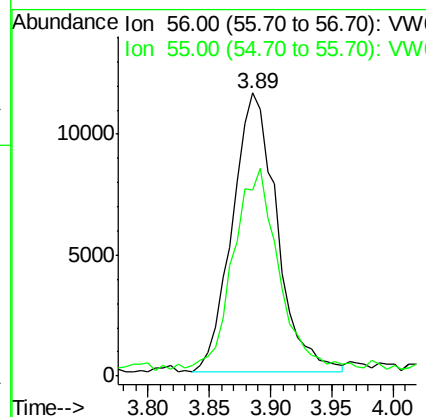
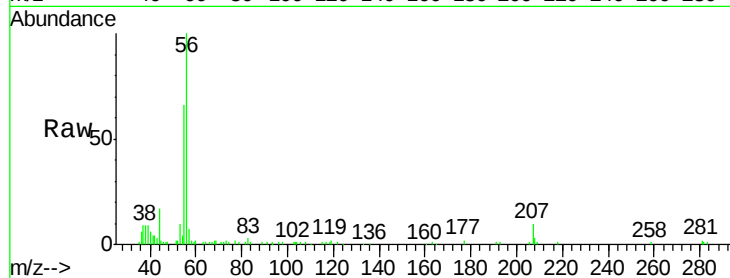
VW0206SBS01

Tot Ion: 56 Resp: 29155

Ion Ratio Lower Upper

56 100

55 72.7 56.7 85.1



#14

Allyl chloride

Concen: 16.736 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

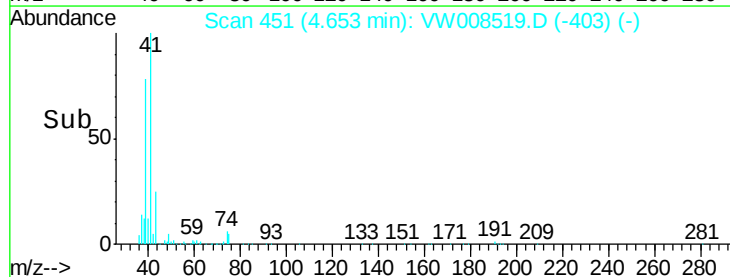
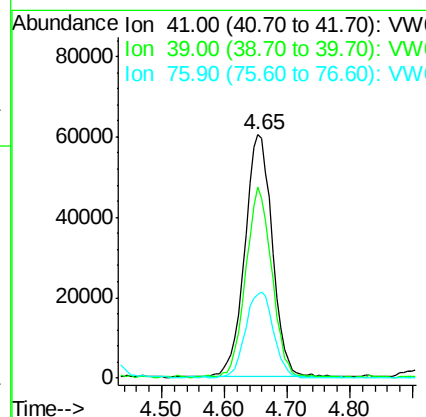
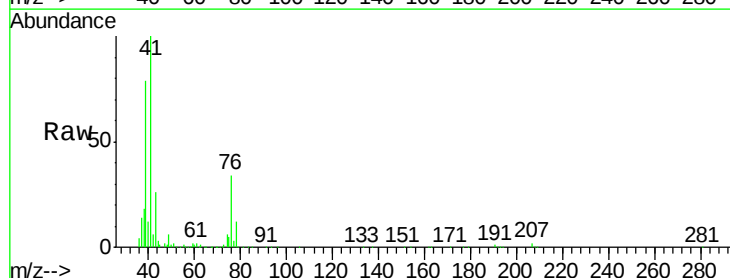
Tgt Ion: 41 Resp: 182261

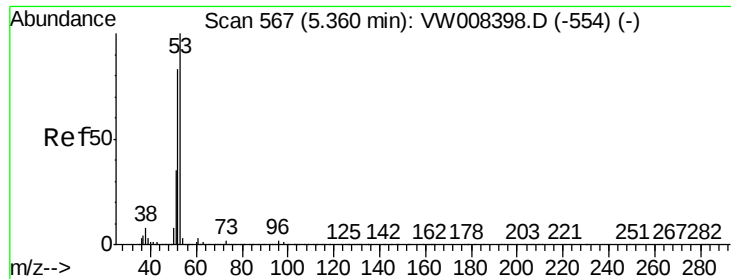
Ion Ratio Lower Upper

41 100

39 72.8 57.7 86.5

76 36.3 26.9 40.3





#15

Acrylonitrile

Concen: 86.870 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleID :

VW0206SBS01

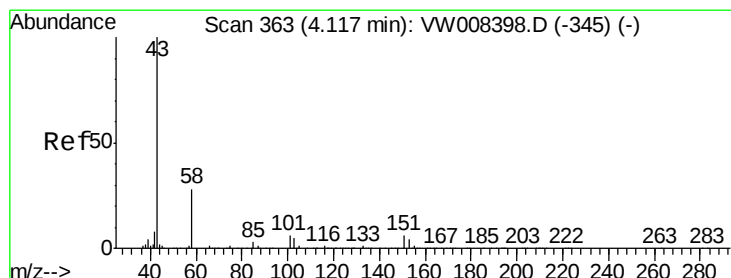
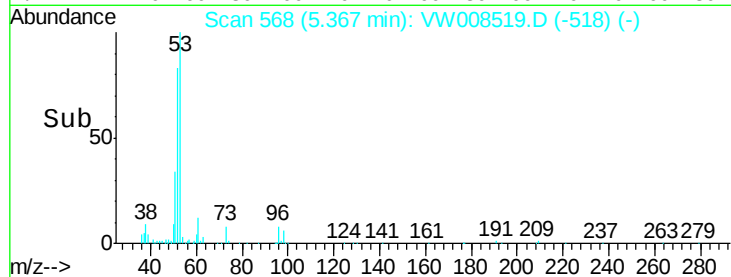
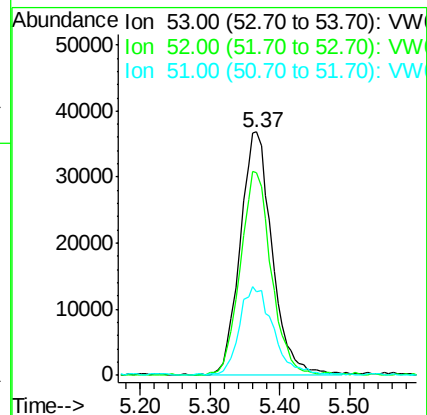
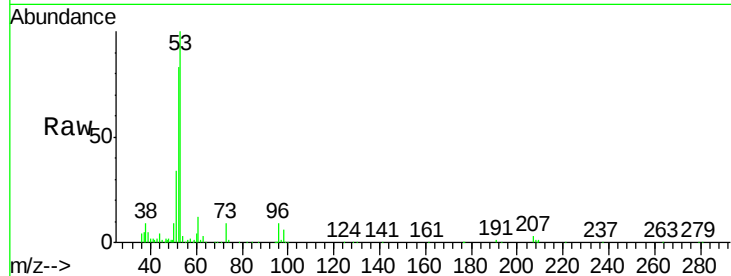
Tot Ion: 53 Resp: 117211

Ion Ratio Lower Upper

53 100

52 80.9 67.0 100.4

51 38.8 29.8 44.8



#16

Acetone

Concen: 81.087 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008519.D

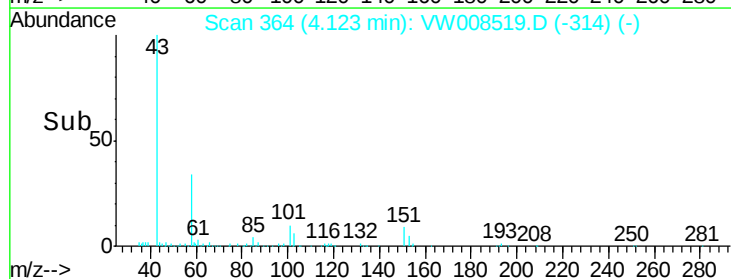
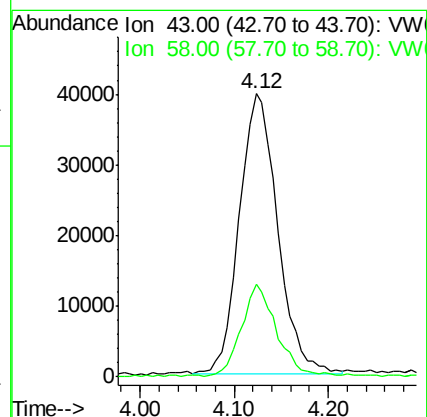
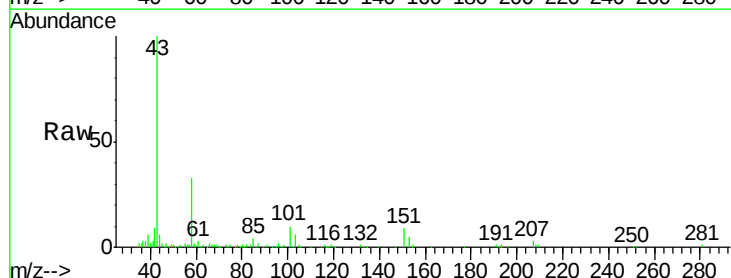
Acq: 06 Feb 2019 11:27

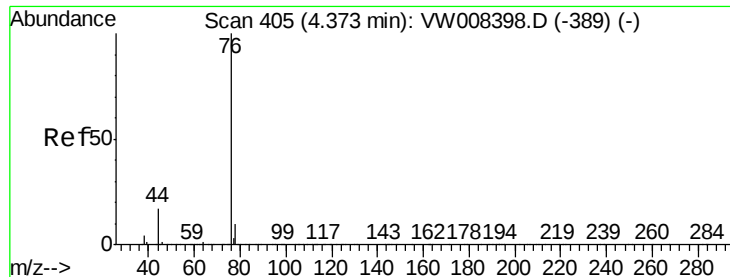
Tgt Ion: 43 Resp: 112087

Ion Ratio Lower Upper

43 100

58 32.8 22.6 34.0





#17

Carbon Disulfide

Concen: 17.059 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

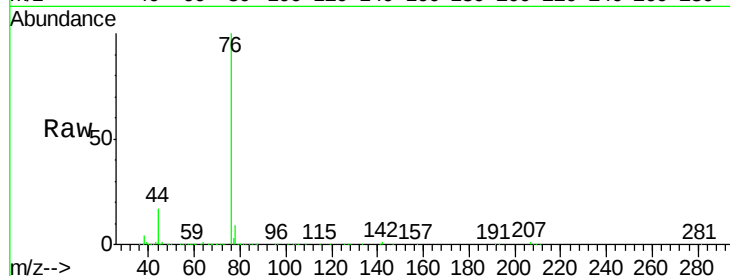
VW0206SBS01

Tot Ion: 76 Resp: 312470

Ion Ratio Lower Upper

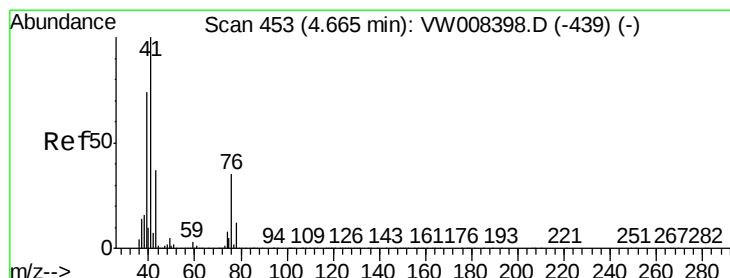
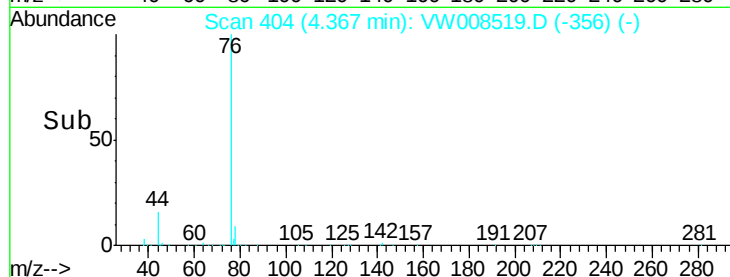
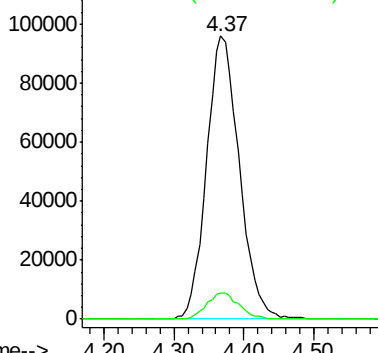
76 100

78 9.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.106 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008519.D

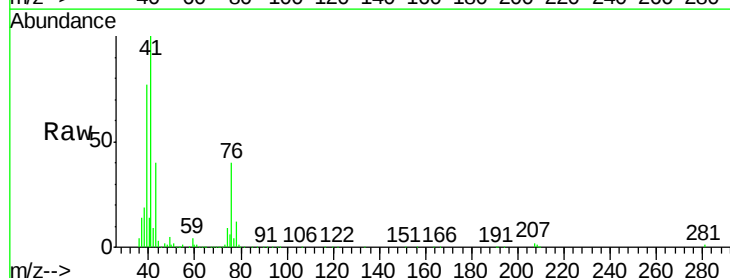
Acq: 06 Feb 2019 11:27

Tgt Ion: 43 Resp: 59381

Ion Ratio Lower Upper

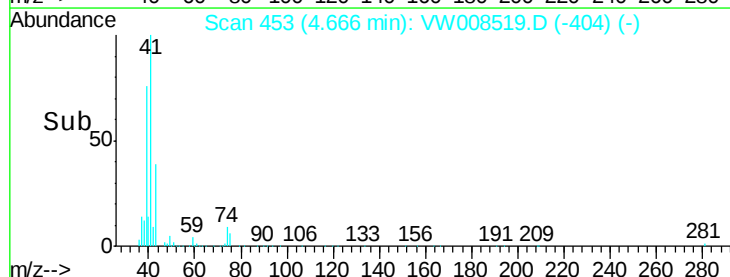
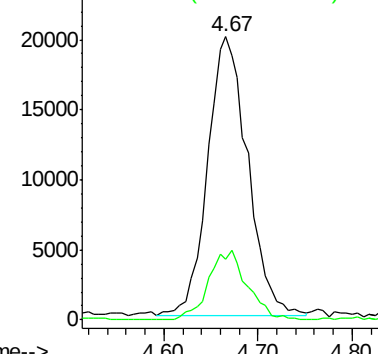
43 100

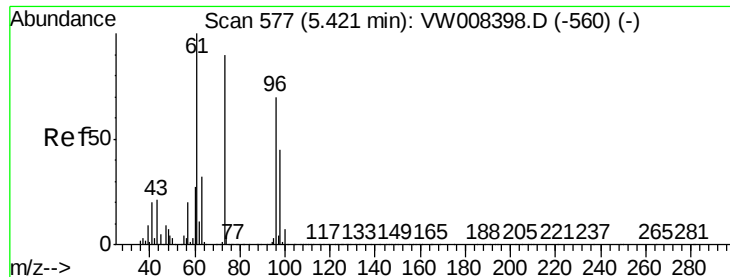
74 24.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

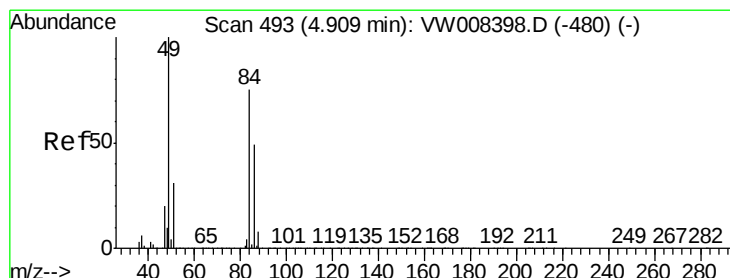
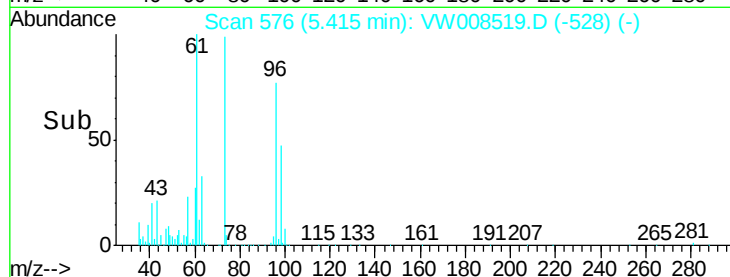
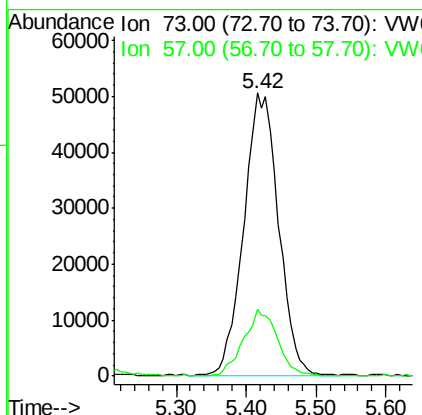
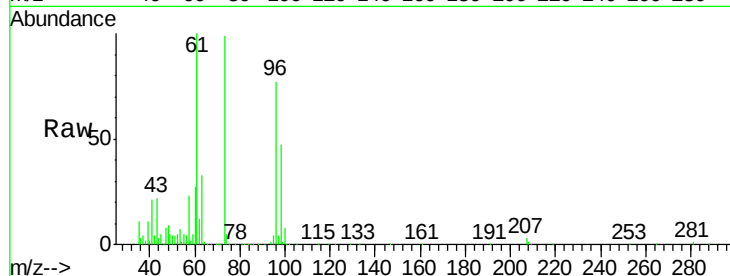




#19
Methvl tert-butvl Ether
Concen: 18.297 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

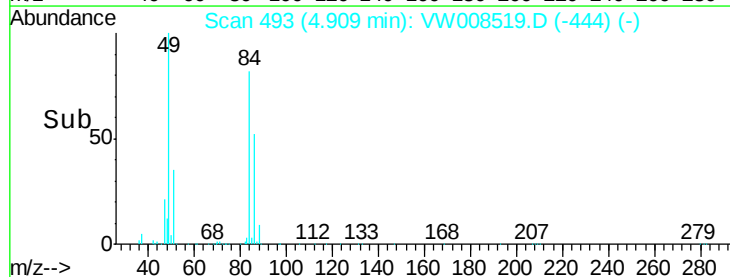
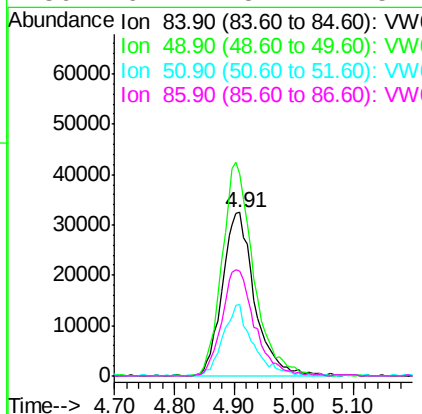
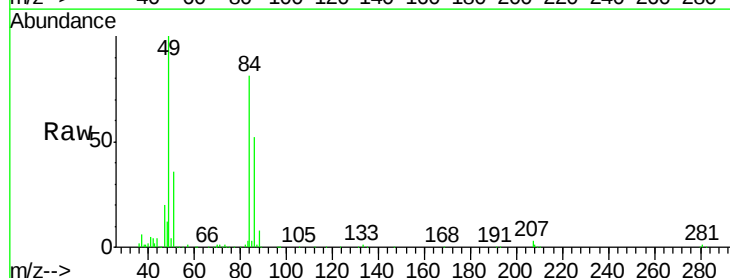
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

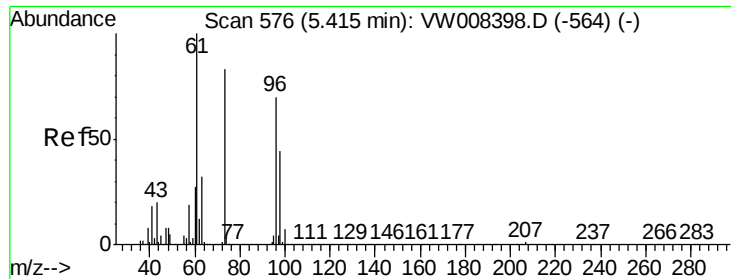
Tot Ion: 73 Resp: 173618
Ion Ratio Lower Upper
73 100
57 23.3 18.0 27.0



#20
Methylene Chloride
Concen: 19.200 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 84 Resp: 122328
Ion Ratio Lower Upper
84 100
49 124.0 106.8 160.2
51 43.8 32.9 49.3
86 64.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.471 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

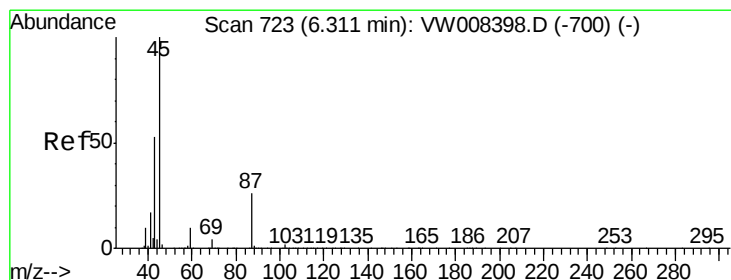
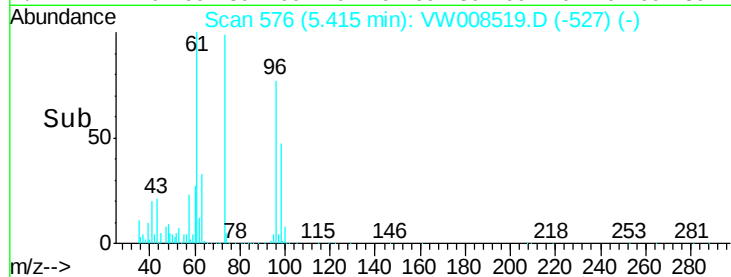
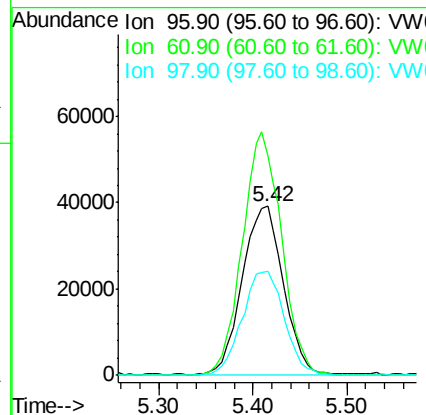
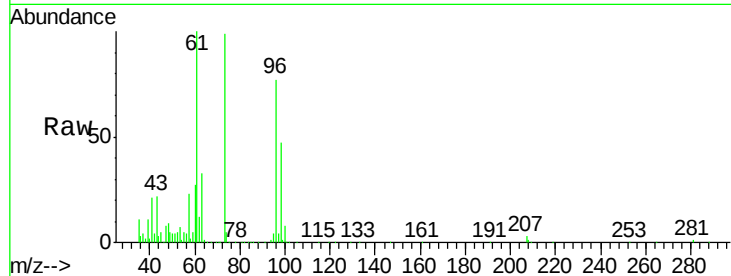
Tot Ion: 96 Resp: 119094

Ion Ratio Lower Upper

96 100

61 130.1 114.4 171.6

98 61.5 50.6 75.8



#22

Diisopropyl ether

Concen: 17.205 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Tgt Ion: 45 Resp: 355114

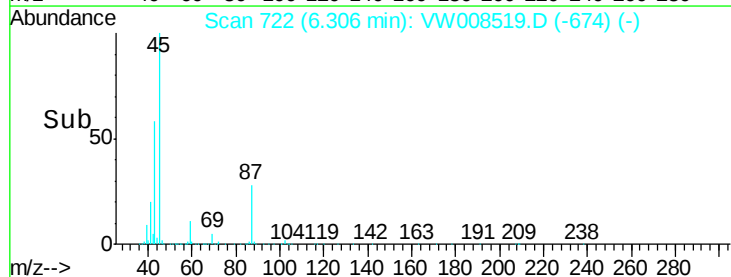
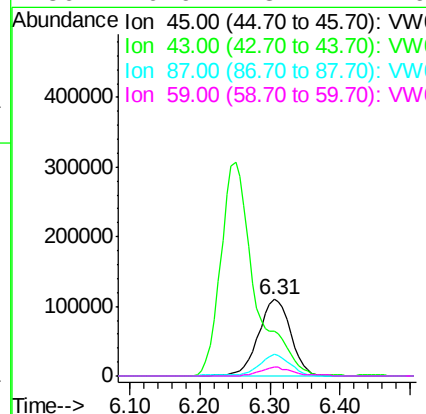
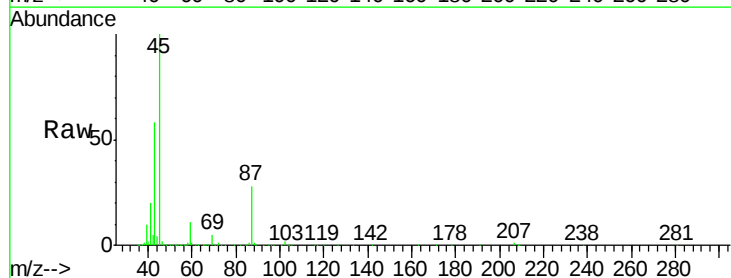
Ion Ratio Lower Upper

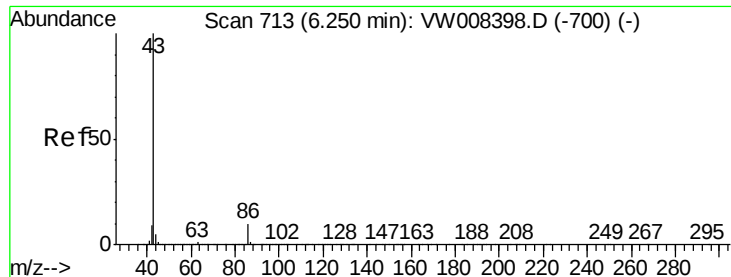
45 100

43 57.5 42.6 63.8

87 27.4 20.3 30.5

59 10.9 8.4 12.6





#23

Vinyl Acetate

Concen: 84.923 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

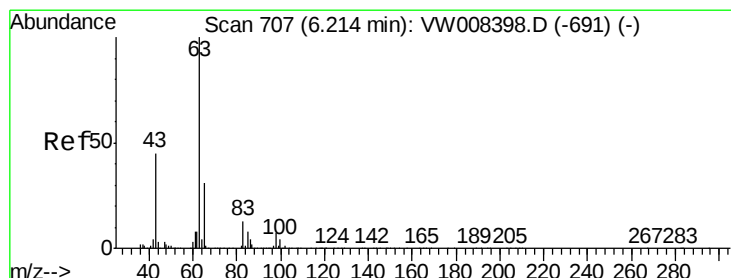
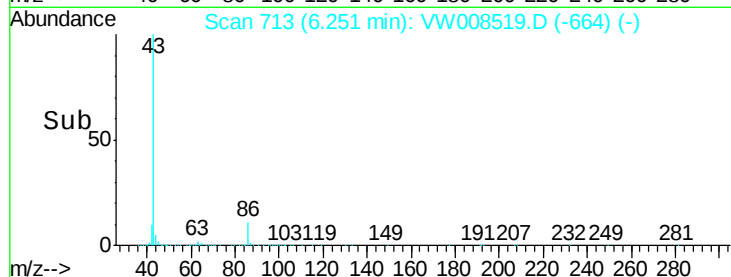
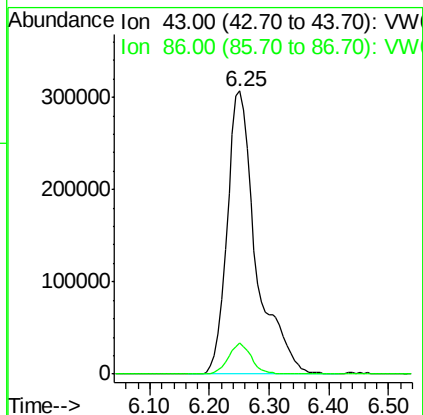
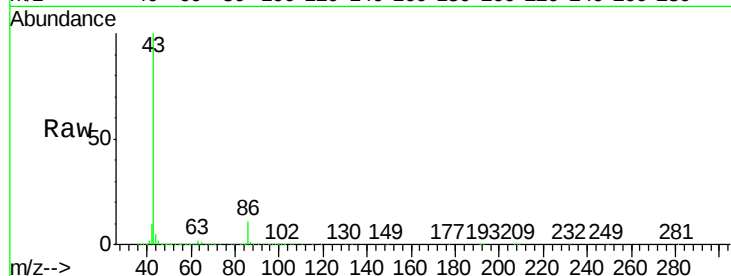
VW0206SBS01

Tot Ion: 43 Resp: 1034997

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 17.911 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

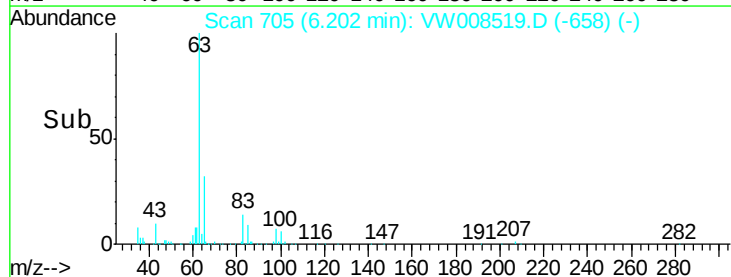
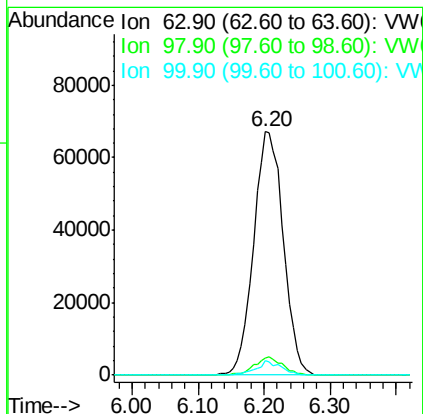
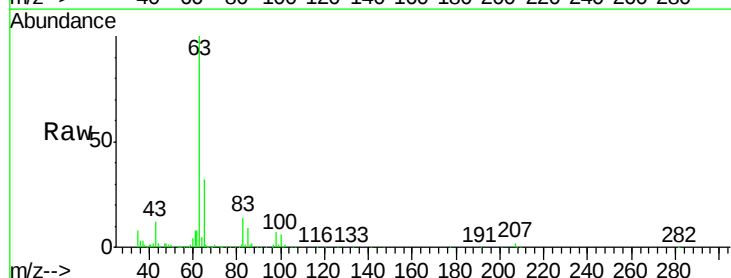
Tgt Ion: 63 Resp: 209253

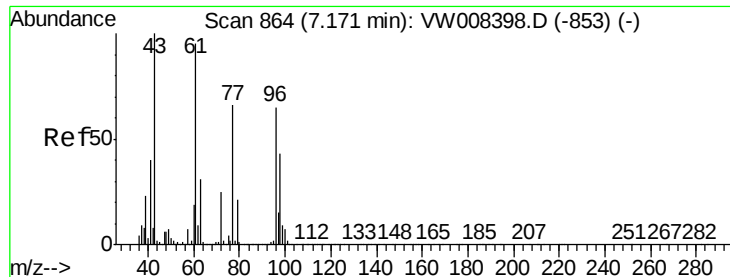
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 5.9 2.1 6.2





#25

2-Butanone

Concen: 84.690 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

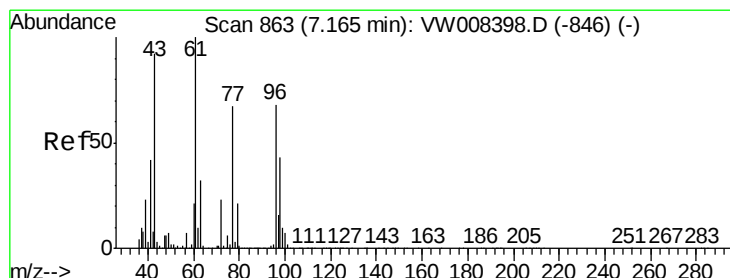
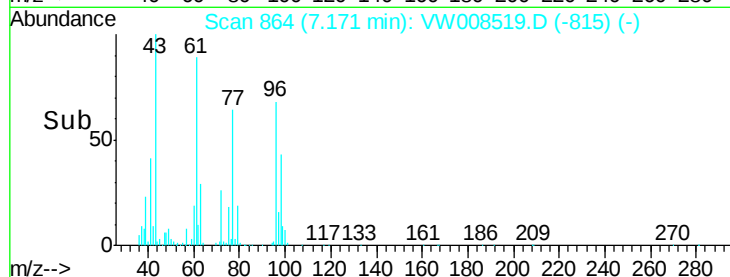
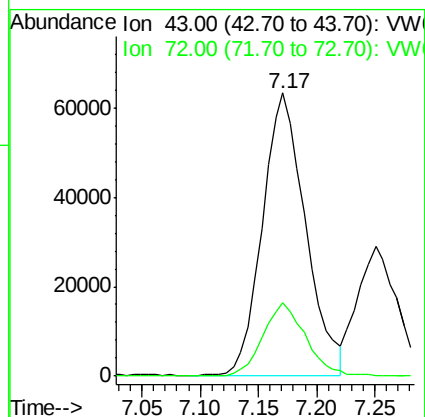
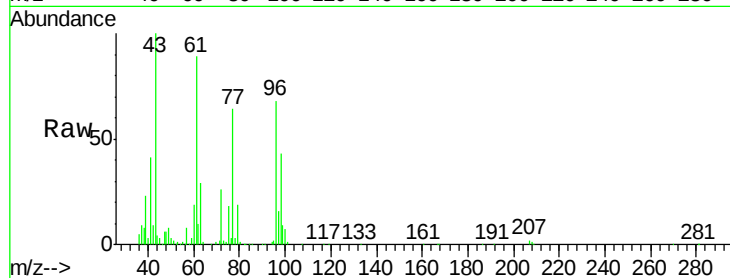
VW0206SBS01

Tot Ion: 43 Resp: 162603

Ion Ratio Lower Upper

43 100

72 25.9 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.867 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008519.D

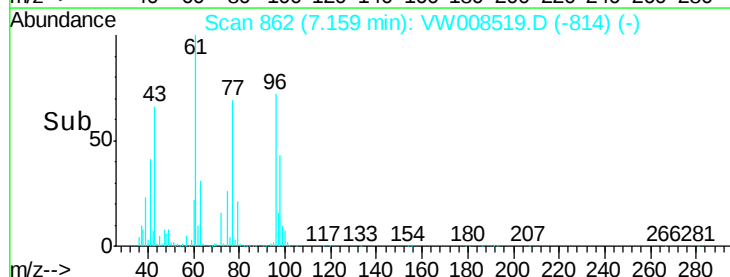
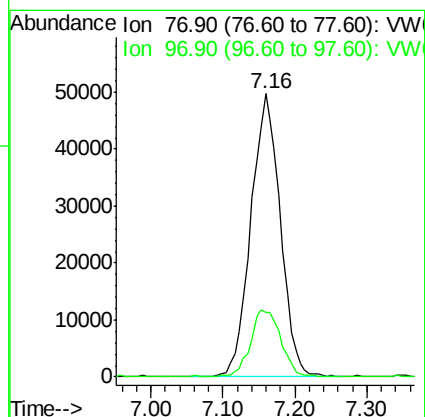
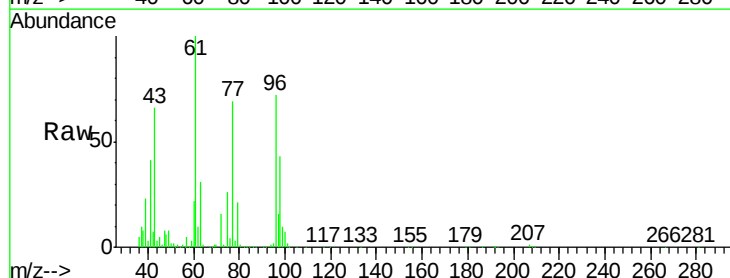
Acq: 06 Feb 2019 11:27

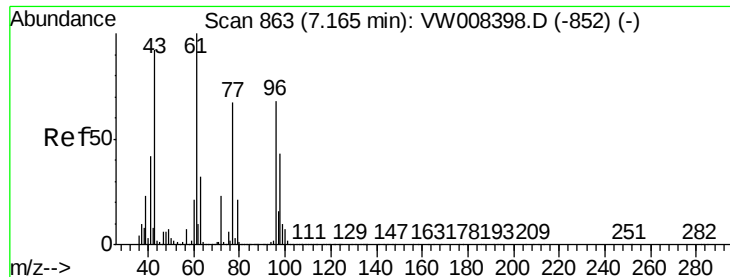
Tgt Ion: 77 Resp: 141096

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5



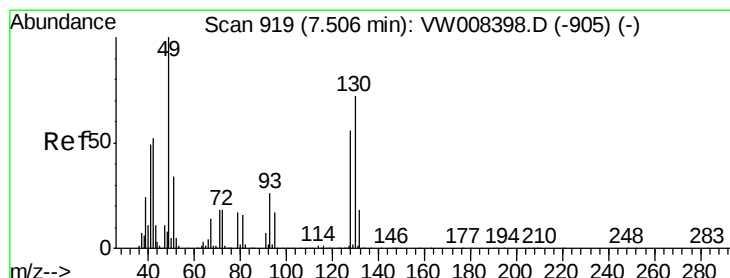
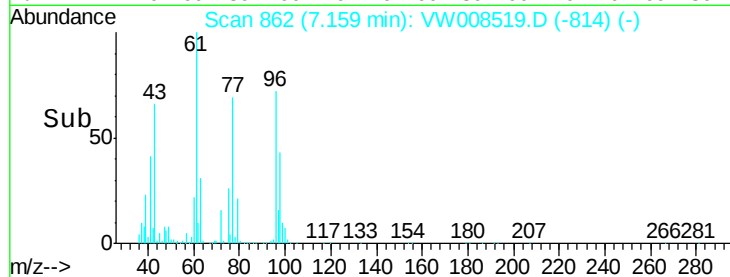
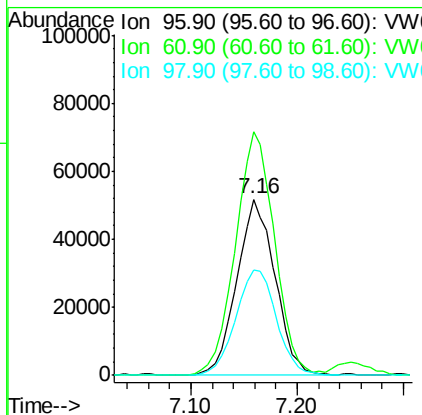
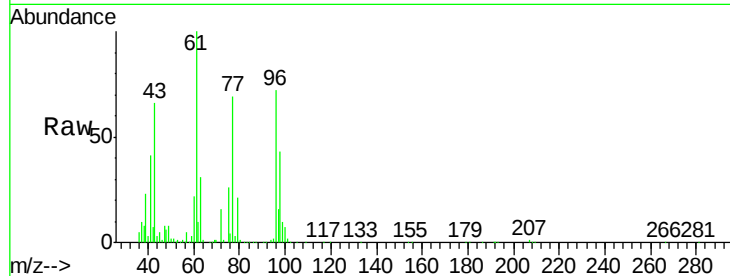


#27

cis-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

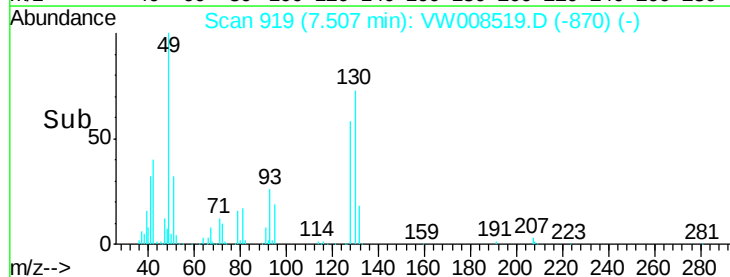
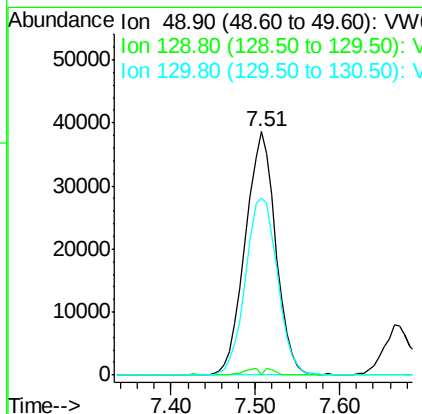
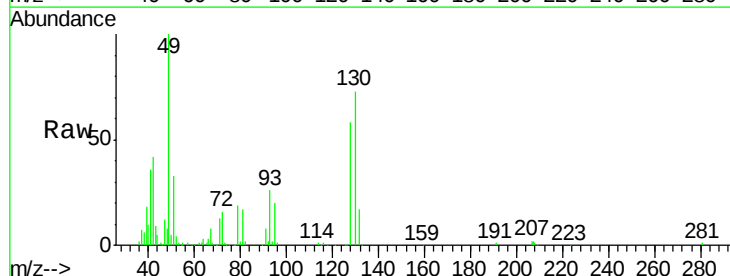
Tot Ion: 96 Resp: 130588
Ion Ratio Lower Upper
96 100
61 141.8 0.0 292.8
98 63.7 0.0 129.2

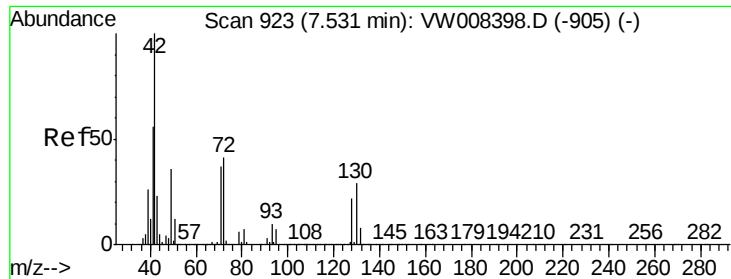


#28

Bromochloromethane
Concen: 17.561 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 49 Resp: 94234
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.6
130 76.8 58.6 87.8

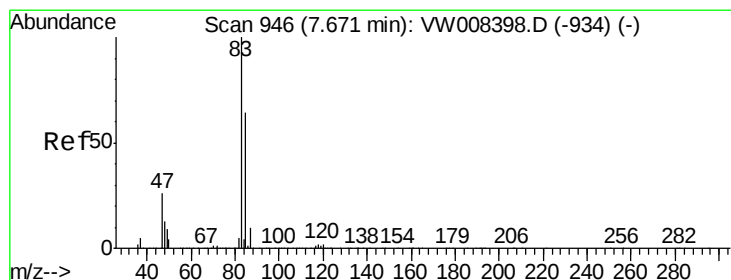
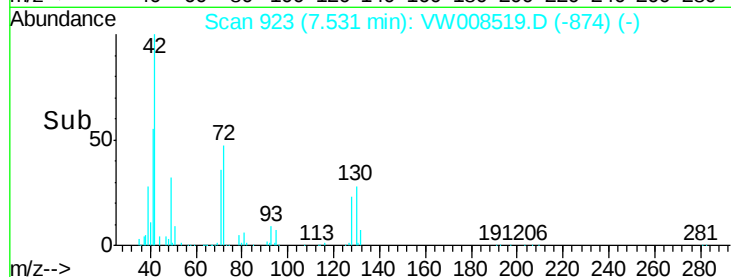
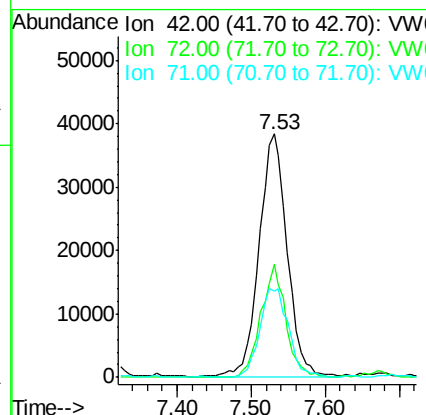
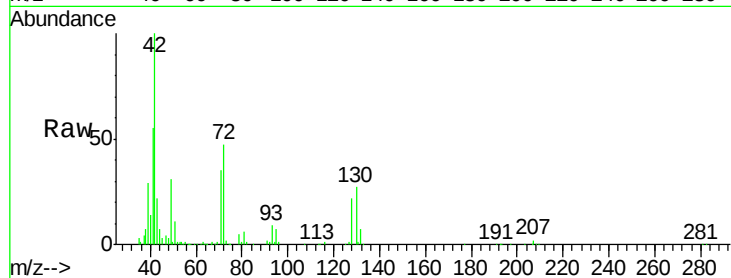




#29
Tetrahydrofuran
Concen: 83.136 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

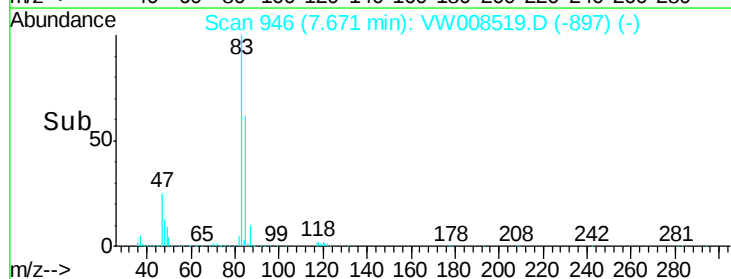
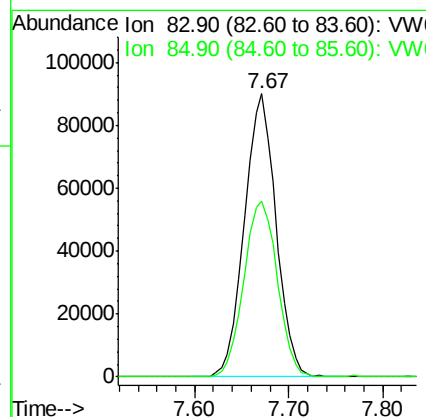
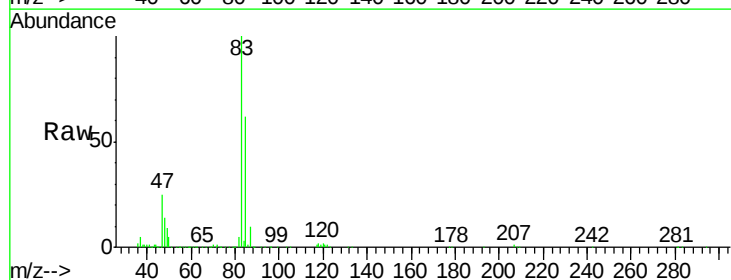
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

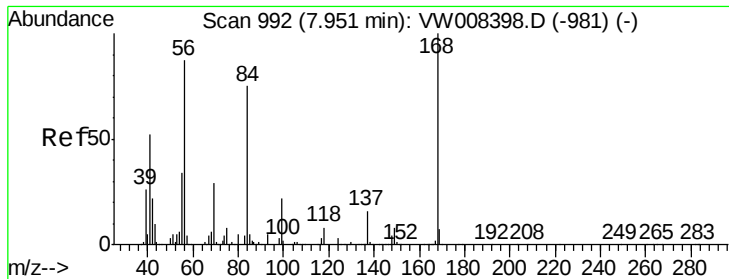
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.9	47.9
71	37.7	29.9	44.9



#30
Chloroform
Concen: 18.434 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.9	76.3





#31

Cvclohexane

Concen: 16.983 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

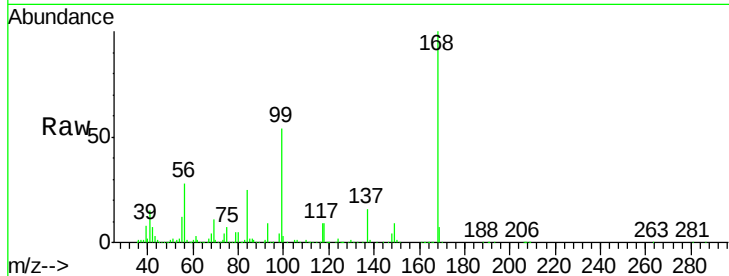
Tot Ion: 56 Resp: 205163

Ion Ratio Lower Upper

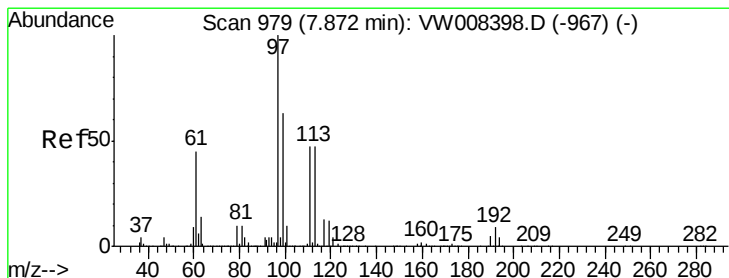
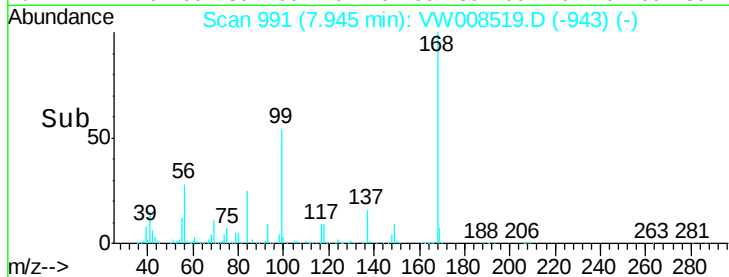
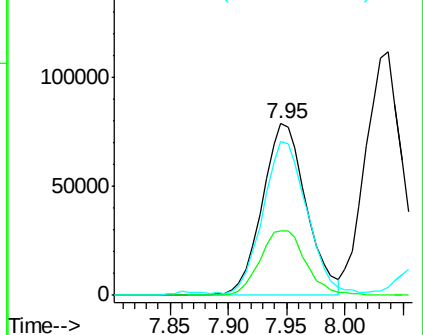
56 100

69 37.7 26.4 39.6

84 88.8 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 18.587 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

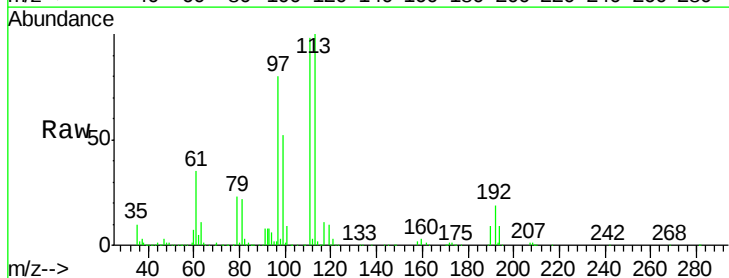
Tgt Ion: 97 Resp: 184487

Ion Ratio Lower Upper

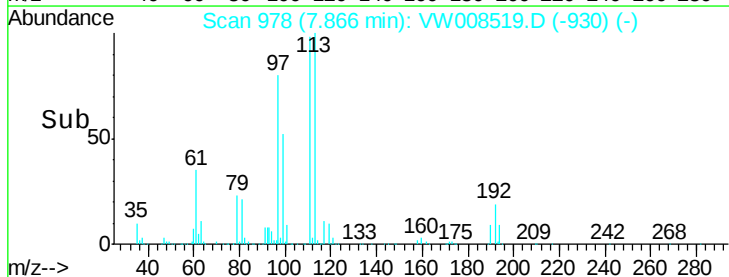
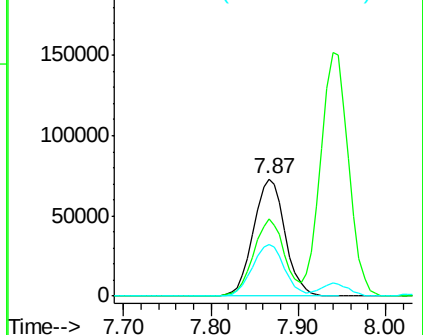
97 100

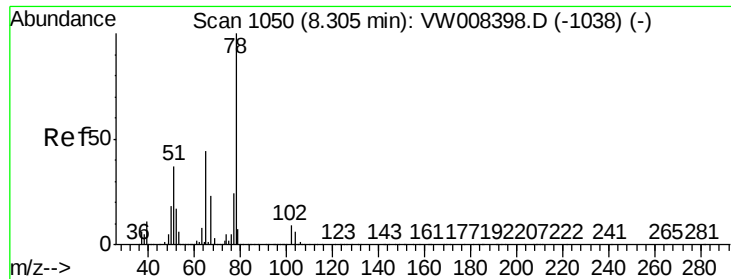
99 64.3 51.3 76.9

61 44.5 36.2 54.4



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





#33

1,2-Dichloroethane-d4

Concen: 48.497 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

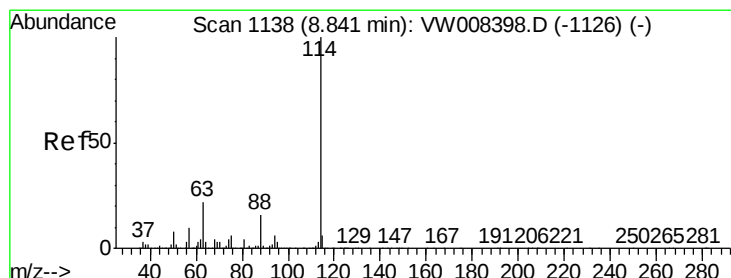
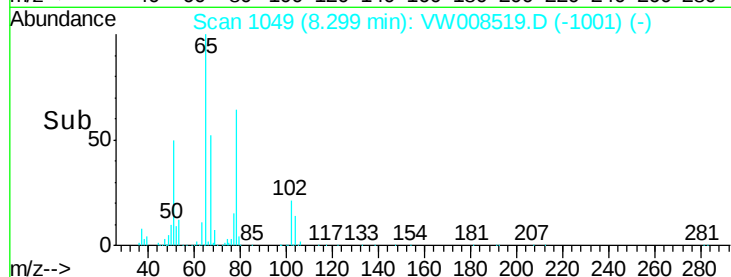
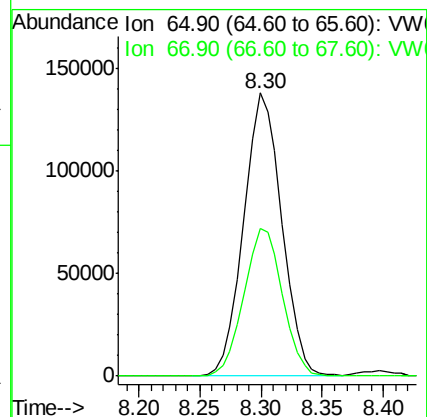
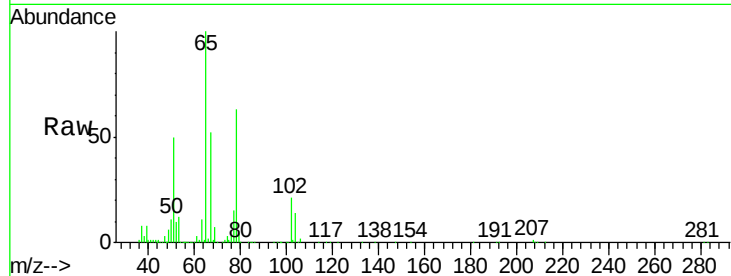
VW0206SBS01

Tot Ion: 65 Resp: 298523

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

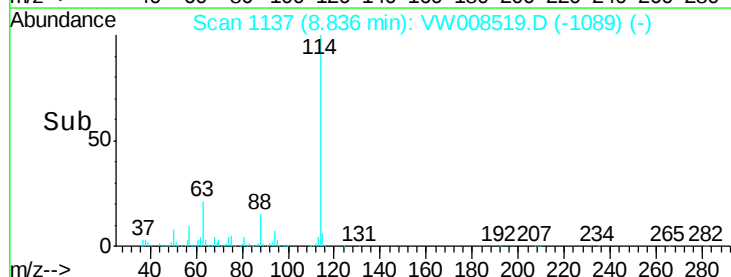
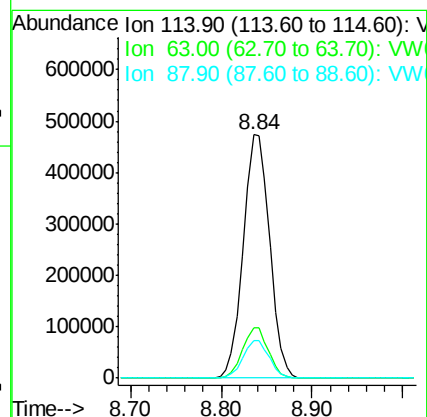
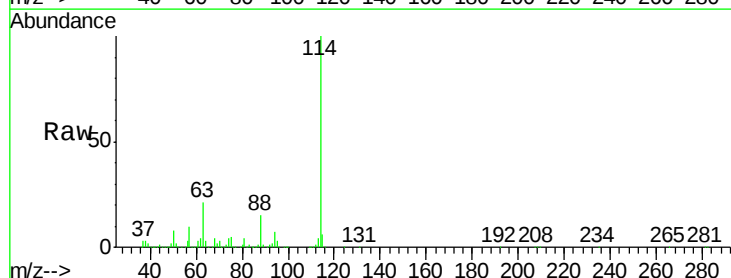
Tgt Ion: 114 Resp: 953254

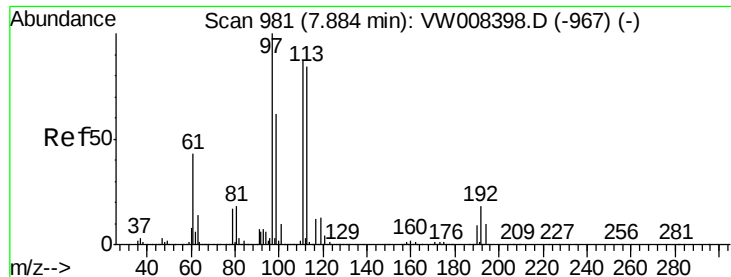
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.6

88 15.5 0.0 31.8

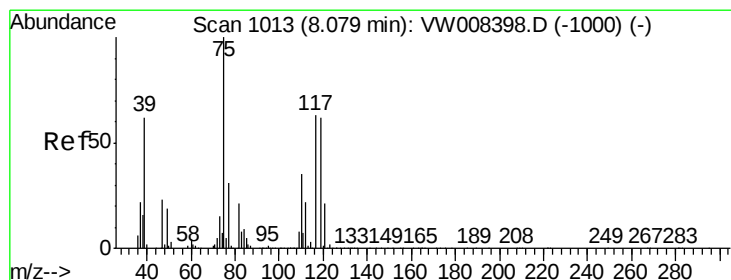
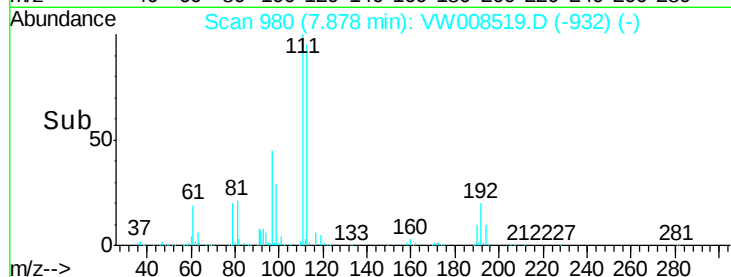
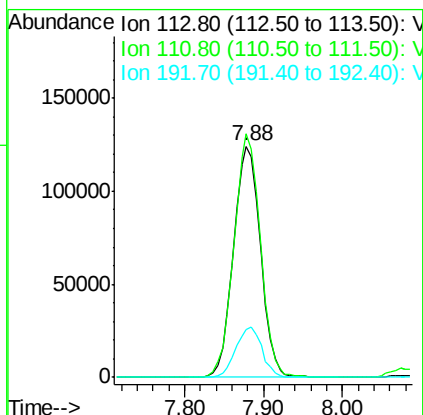
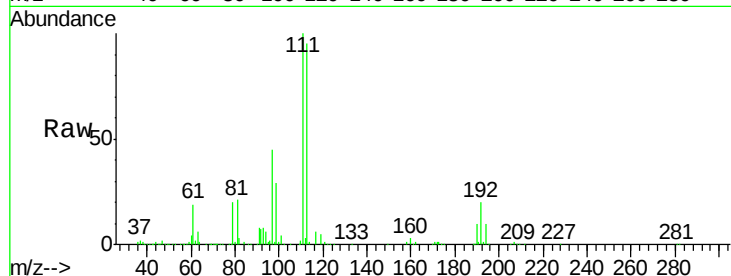




#35
 Dibromofluoromethane
 Concen: 53.160 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

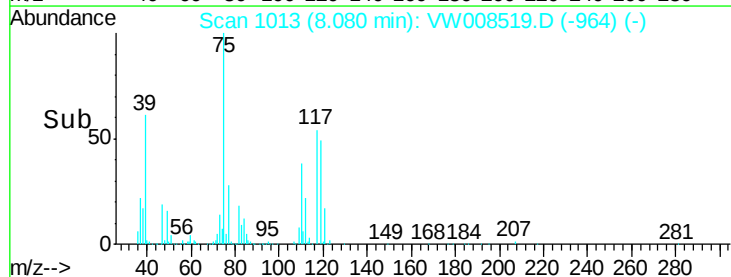
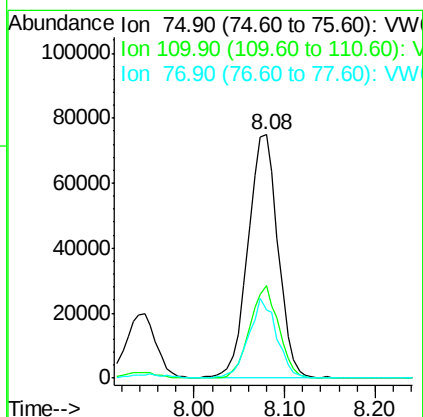
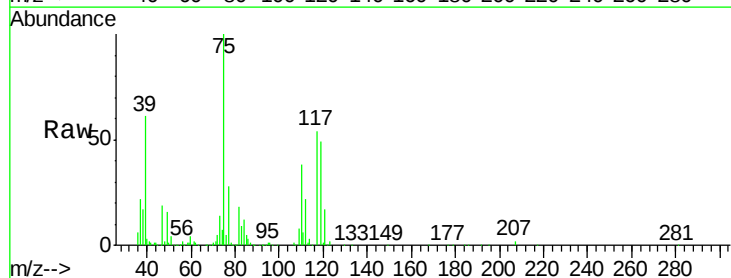
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBS01

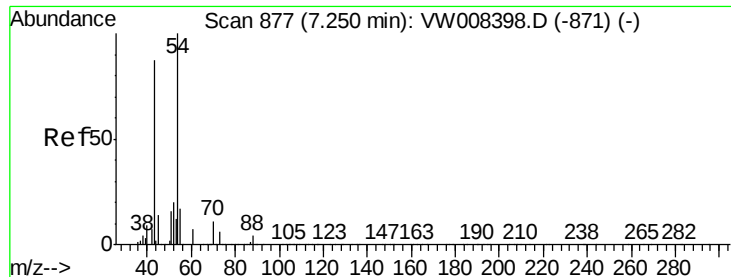
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	21.2	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 19.091 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.3	52.0
77	30.5	24.7	37.1

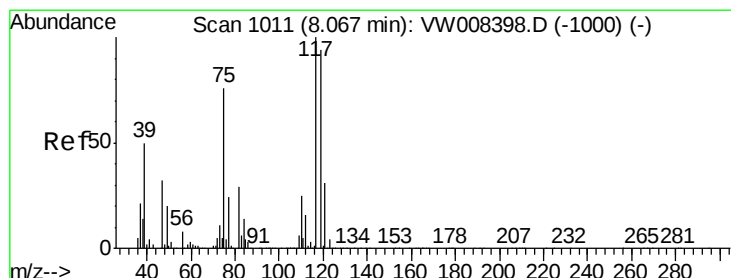
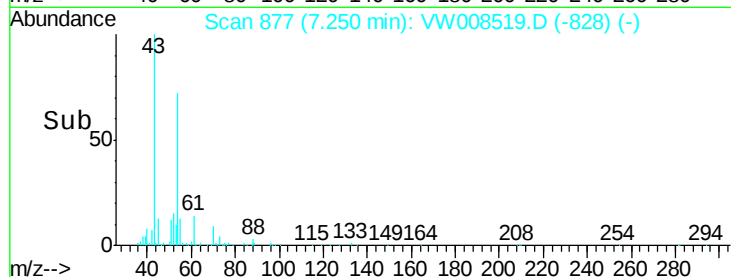
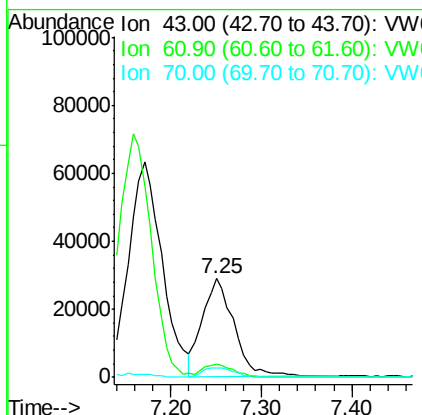
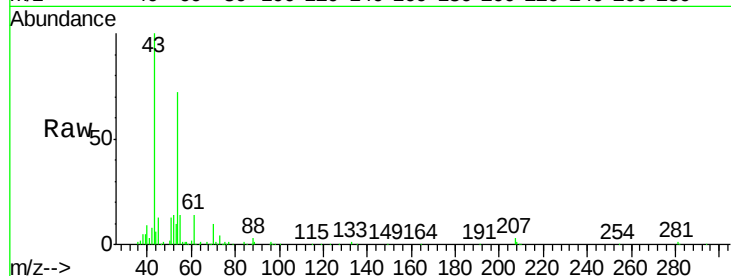




#37
Ethyl Acetate
Concen: 17.701 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

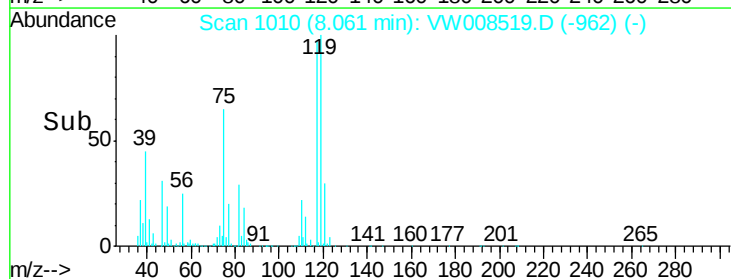
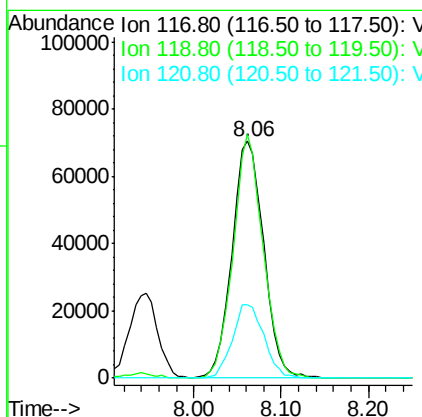
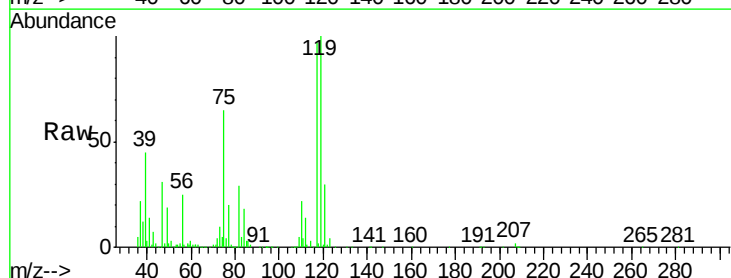
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

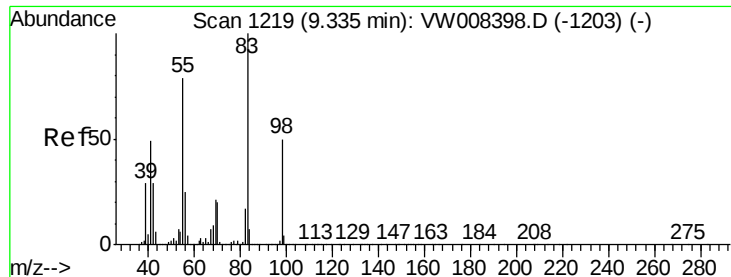
Tot Ion: 43 Resp: 70519
Ion Ratio Lower Upper
43 100
61 13.0 10.1 15.1
70 10.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.550 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 117 Resp: 177146
Ion Ratio Lower Upper
117 100
119 102.9 75.0 112.4
121 31.3 24.9 37.3

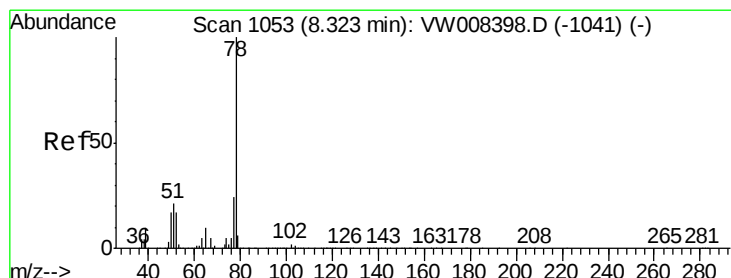
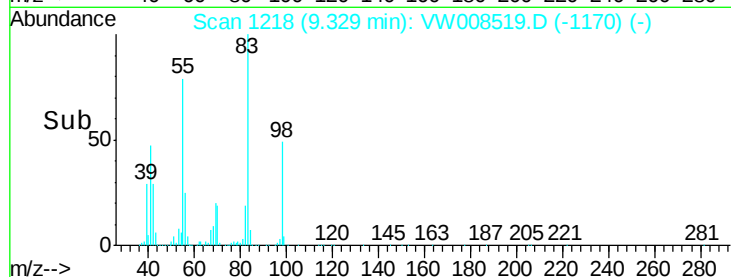
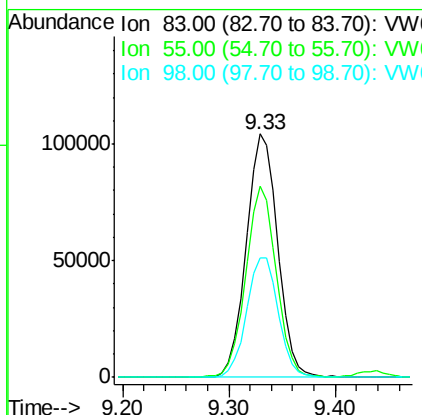
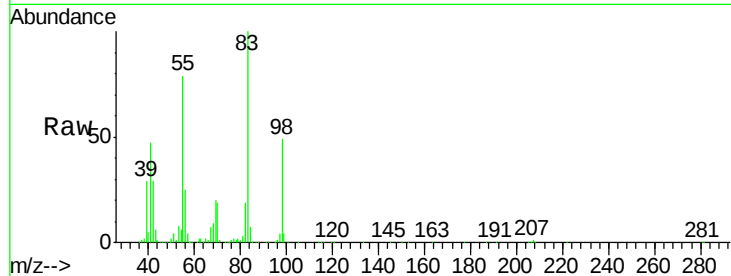




#39
Methvlcvclohexane
Concen: 18.271 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

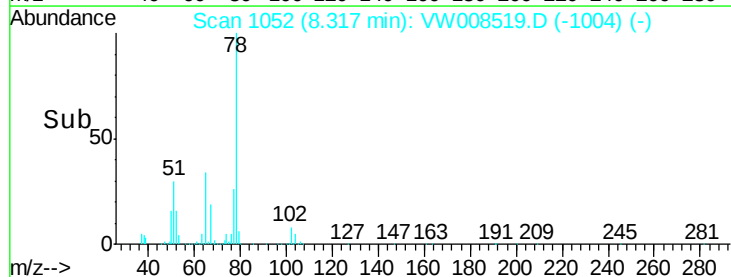
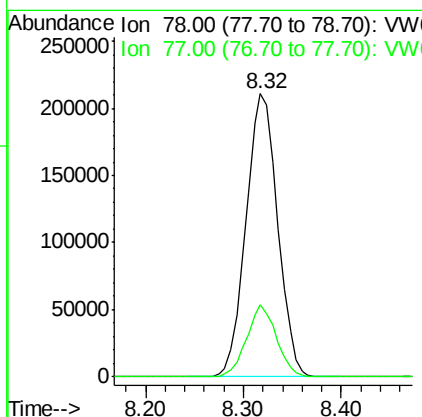
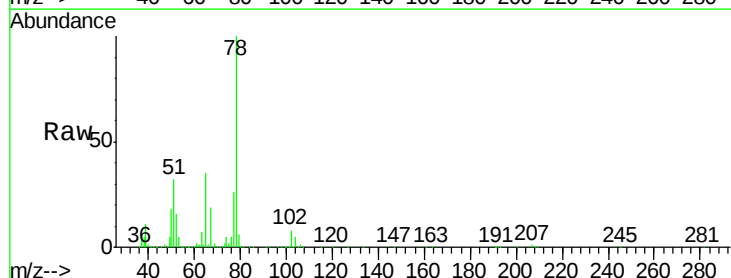
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

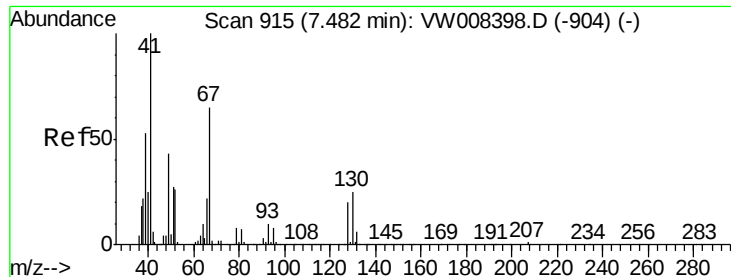
Tot Ion: 83 Resp: 216131
Ion Ratio Lower Upper
83 100
55 78.5 63.3 94.9
98 49.0 39.7 59.5



#40
Benzene
Concen: 18.887 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 78 Resp: 471925
Ion Ratio Lower Upper
78 100
77 25.6 19.0 28.6

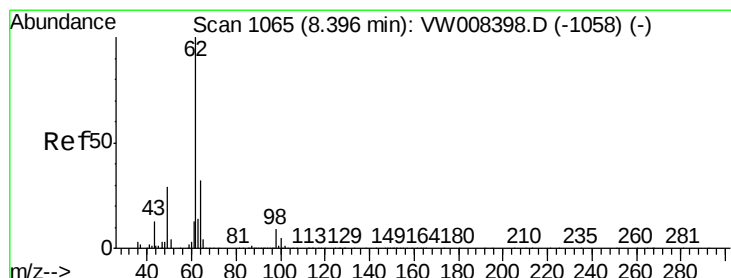
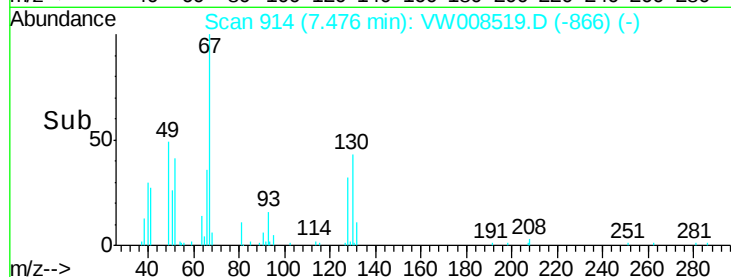
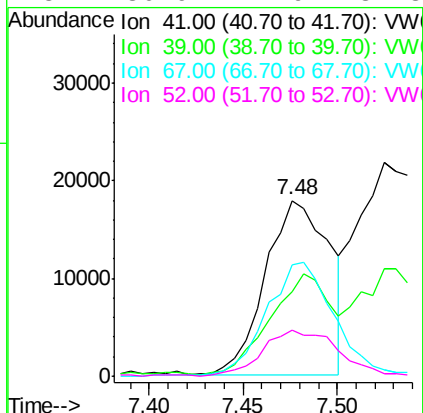
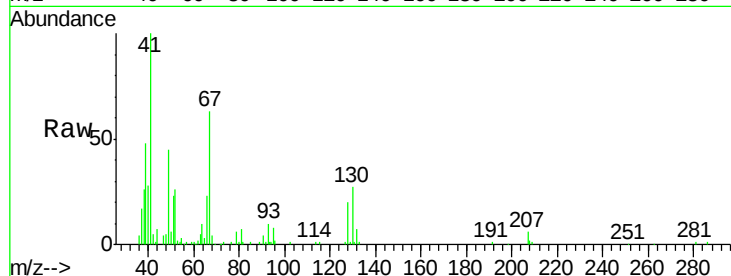




#41
Methacrylonitrile
Concen: 18.016 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

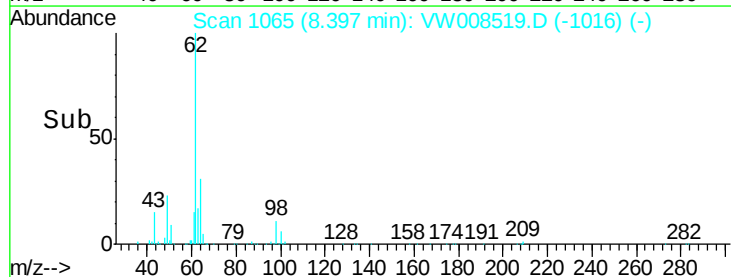
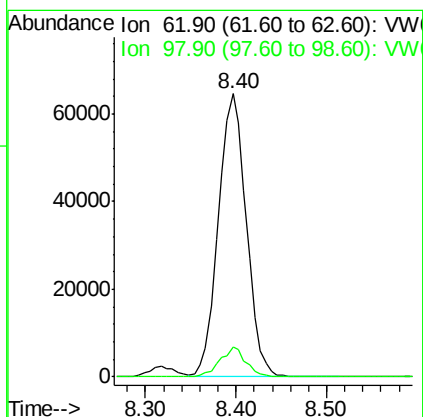
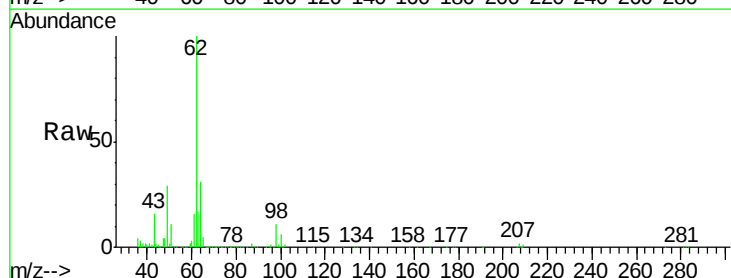
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

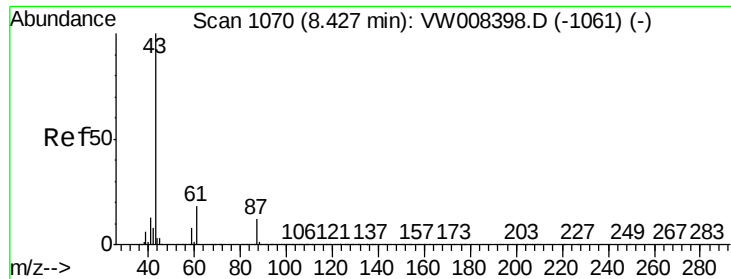
Tot Ion:	41	Resp:	42498
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.4	65.0
67	66.8	54.2	81.2
52	30.9	22.9	34.3



#42
1,2-Dichloroethane
Concen: 19.232 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion:	62	Resp:	139260
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.381 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

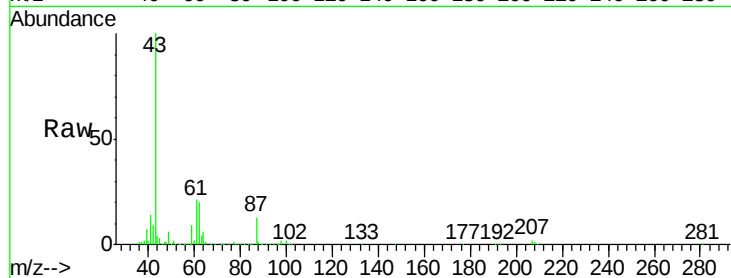
Tot Ion: 43 Resp: 143852

Ion Ratio Lower Upper

43 100

61 29.2 22.0 33.0

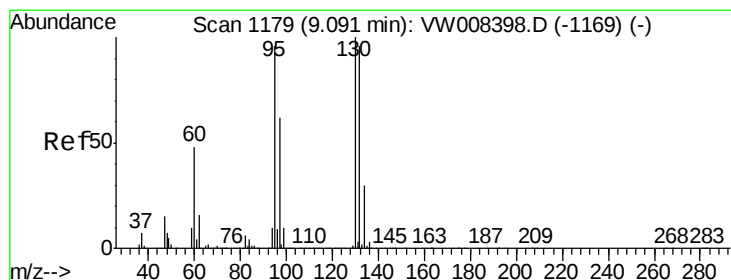
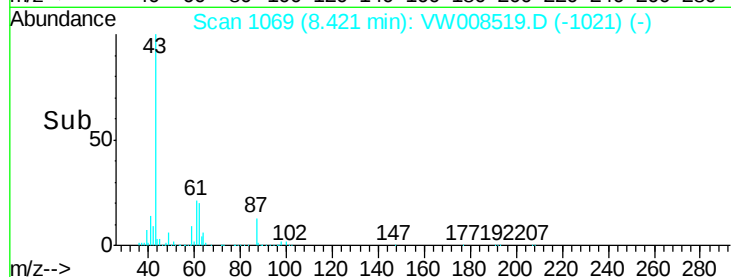
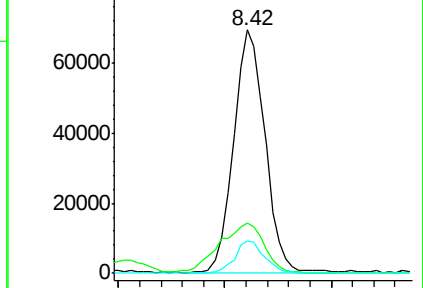
87 12.8 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.576 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008519.D

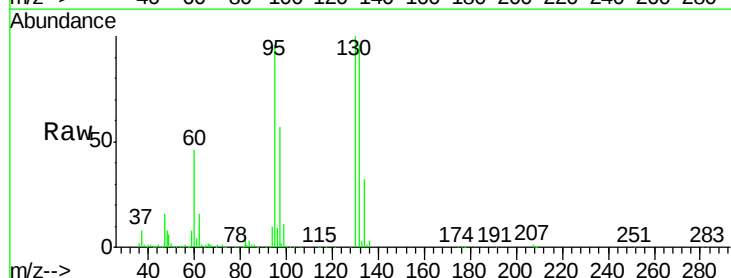
Acq: 06 Feb 2019 11:27

Tgt Ion: 130 Resp: 133009

Ion Ratio Lower Upper

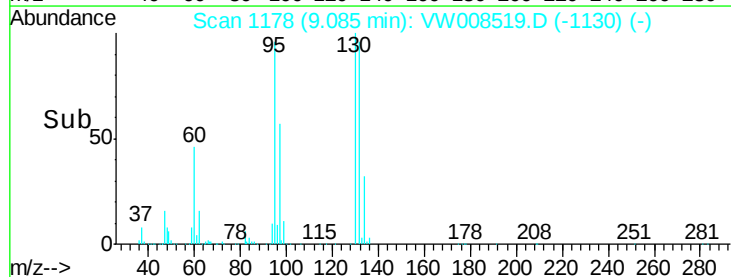
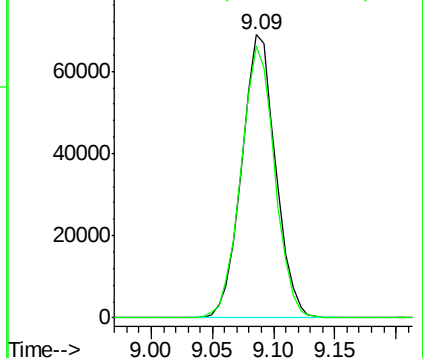
130 100

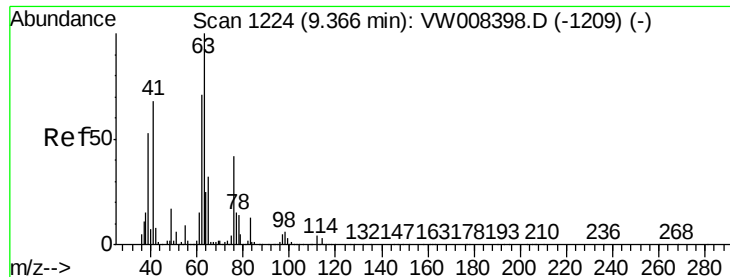
95 96.0 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 18.753 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

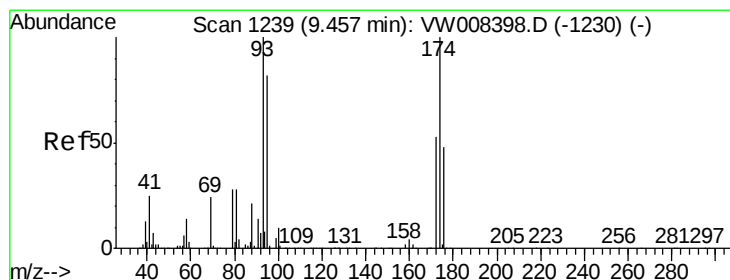
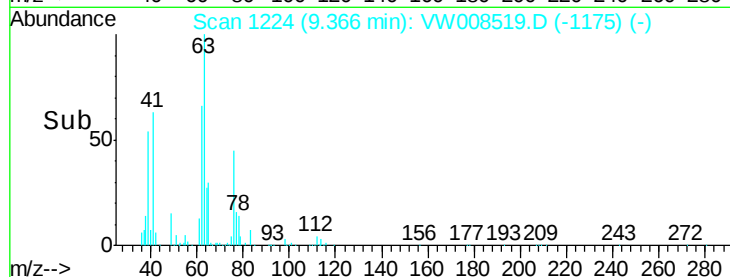
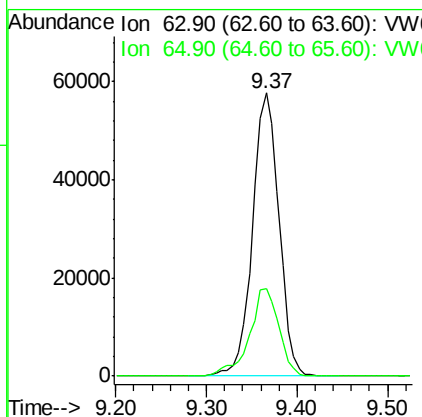
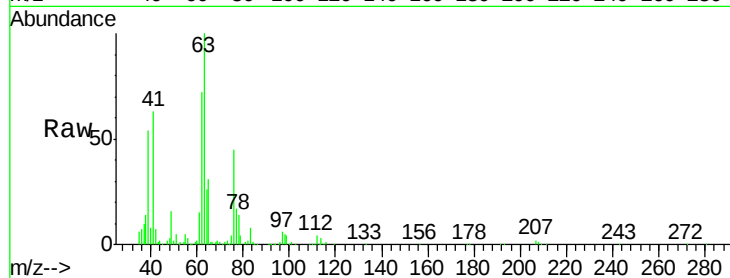
VW0206SBS01

Tot Ion: 63 Resp: 116832

Ion Ratio Lower Upper

63 100

65 30.7 25.2 37.8



#46

Dibromomethane

Concen: 18.887 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

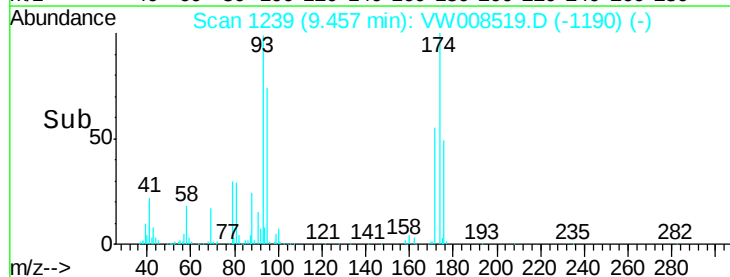
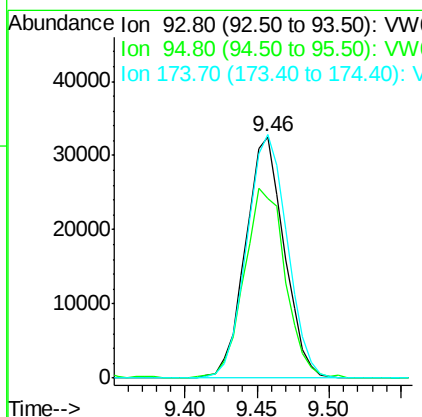
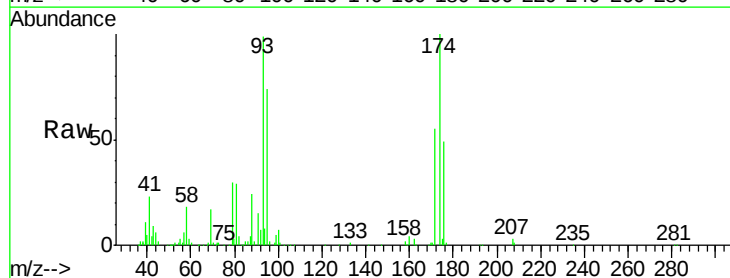
Tgt Ion: 93 Resp: 60522

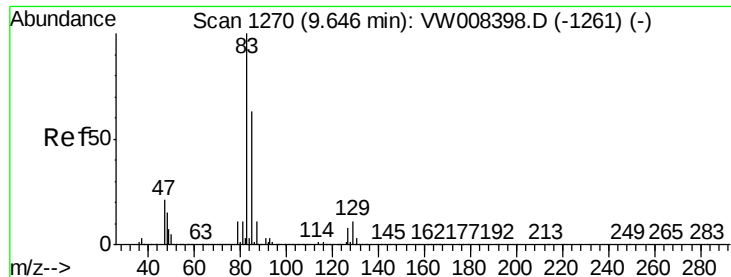
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 105.6 81.0 121.6





#47

Bromodichloromethane

Concen: 18.551 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

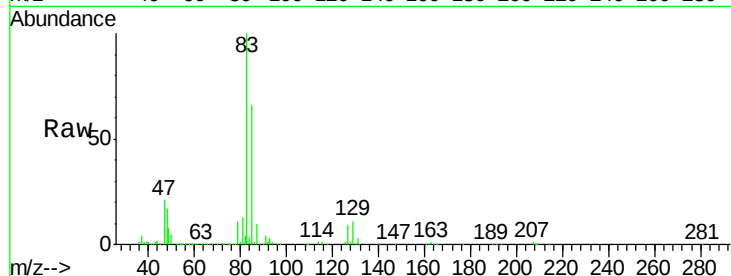
Tot Ion: 83 Resp: 157234

Ion Ratio Lower Upper

83 100

85 65.5 50.8 76.2

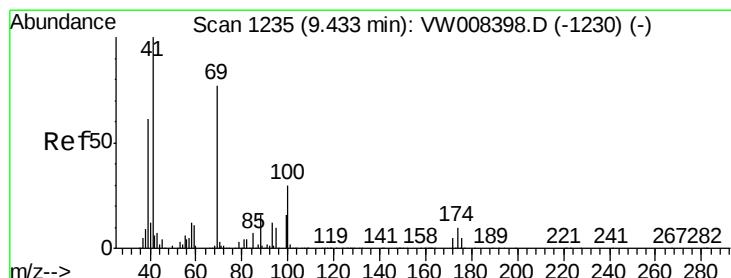
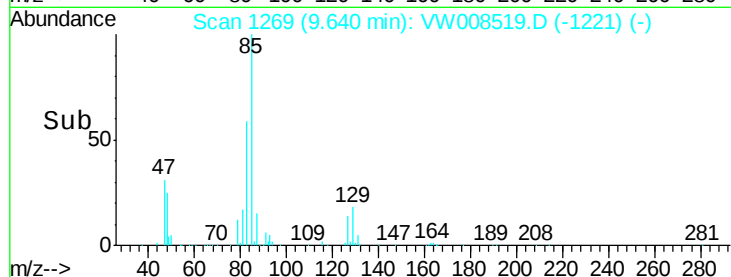
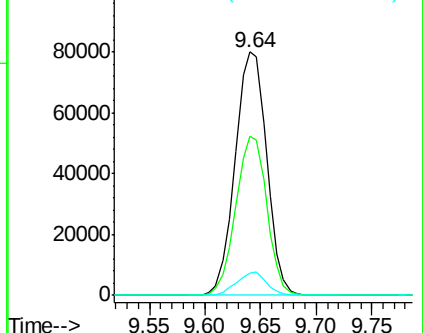
127 8.9 6.8 10.2



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: 16.544 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

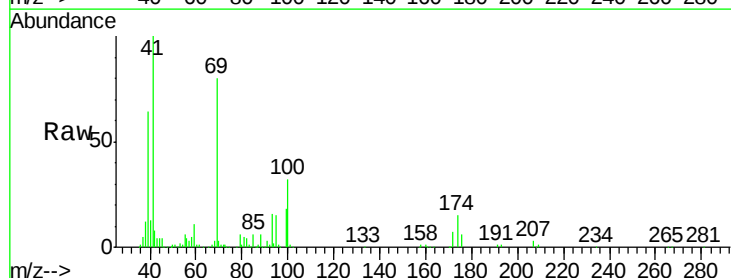
Tgt Ion: 41 Resp: 66951

Ion Ratio Lower Upper

41 100

69 84.4 64.8 97.2

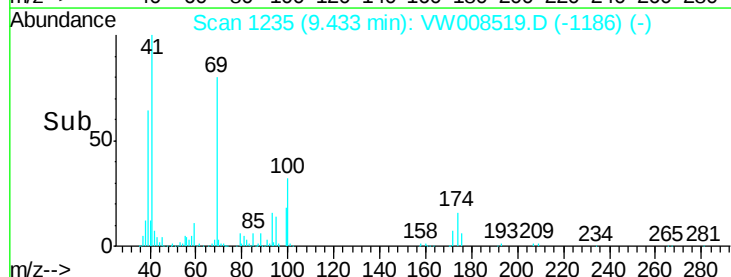
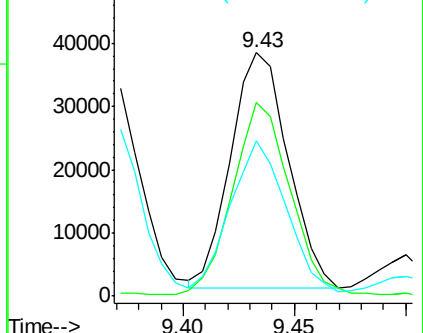
39 65.7 49.1 73.7

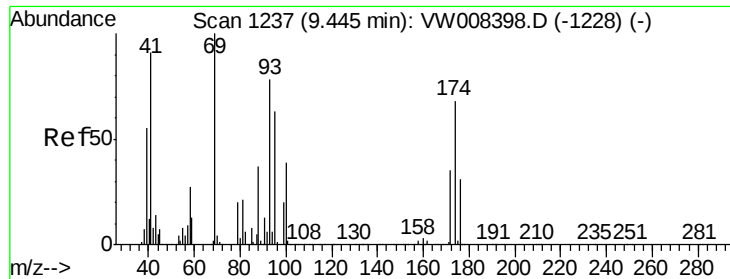


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

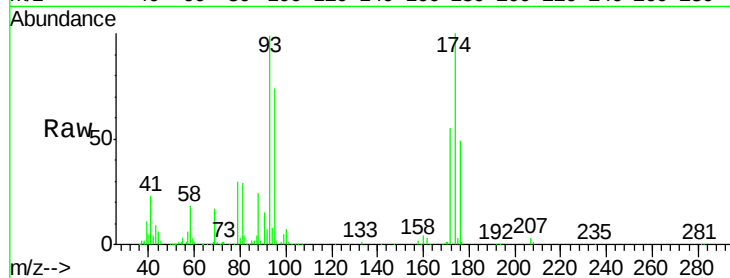




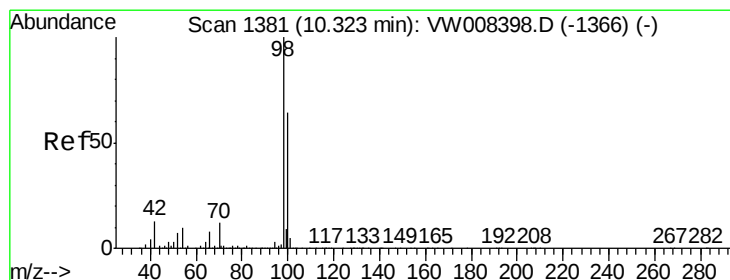
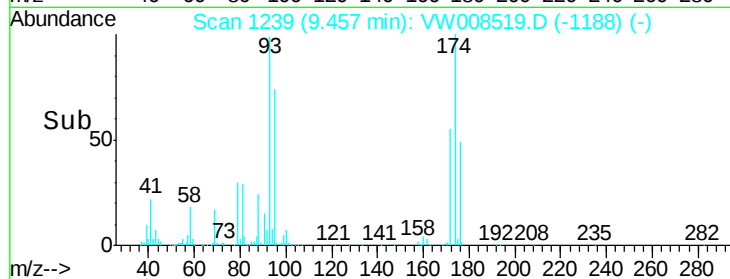
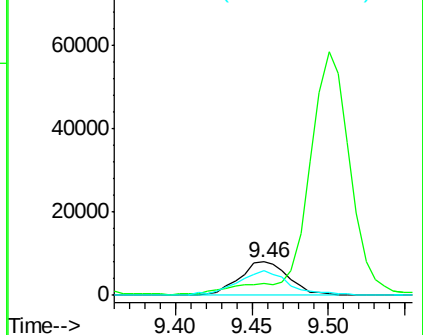
#49
1,4-Dioxane
Concen: 330.628 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

Tot Ion: 88 Resp: 17908
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 79.2 56.4 84.6

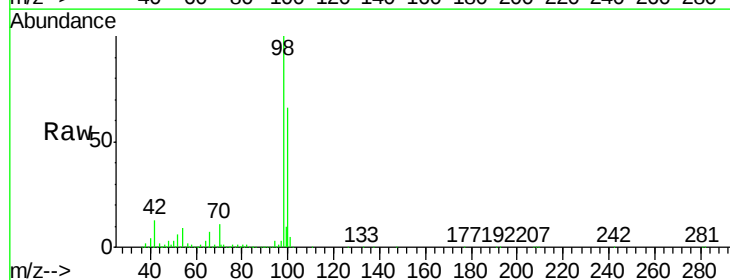


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

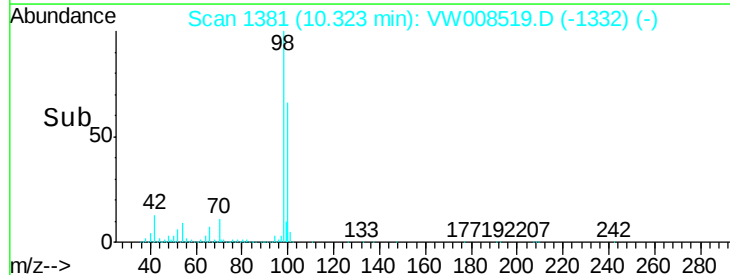
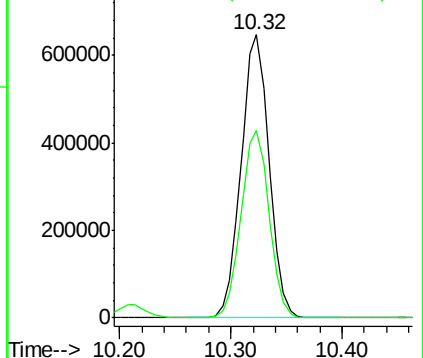


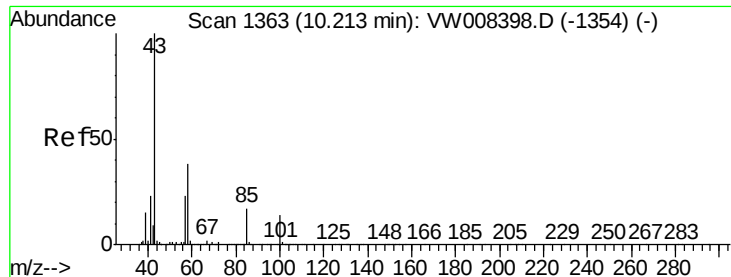
#50
Toluene-d8
Concen: 50.419 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 98 Resp: 1126959
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 86.156 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

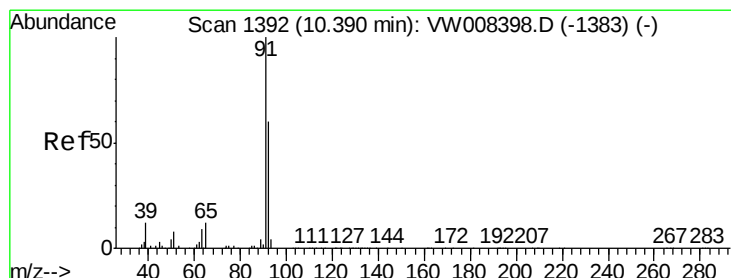
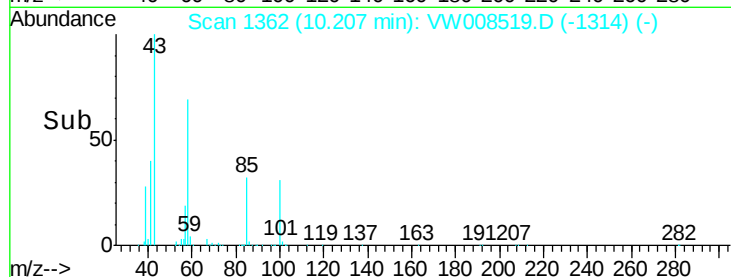
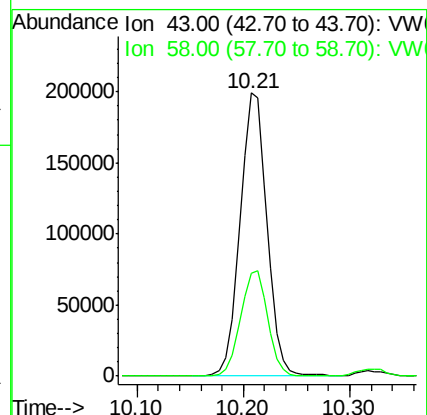
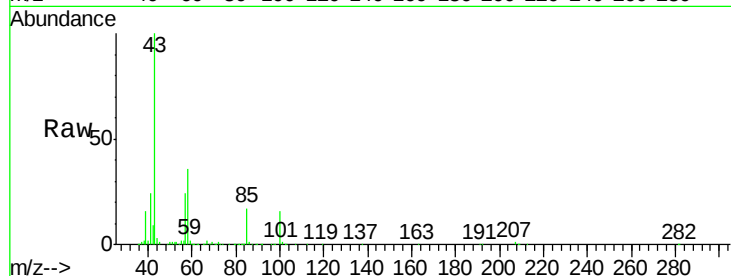
VW0206SBS01

Tot Ion: 43 Resp: 352285

Ion Ratio Lower Upper

43 100

58 37.8 29.7 44.5



#52

Toluene

Concen: 18.731 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008519.D

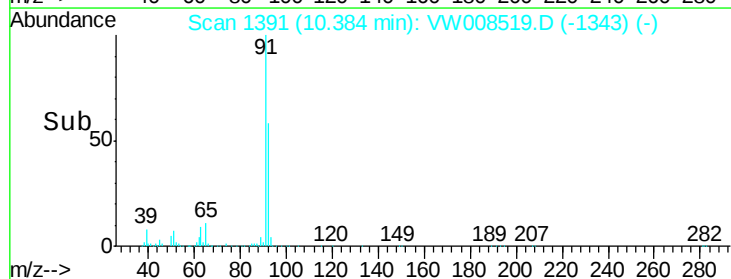
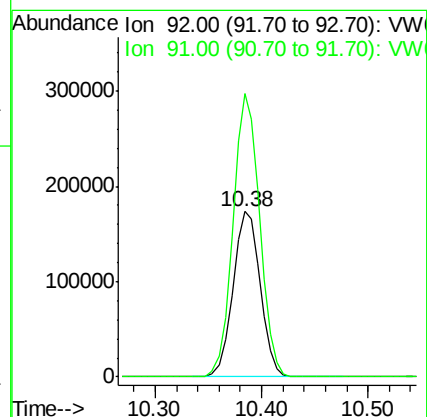
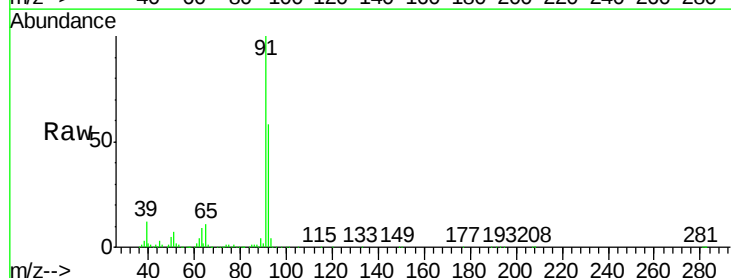
Acq: 06 Feb 2019 11:27

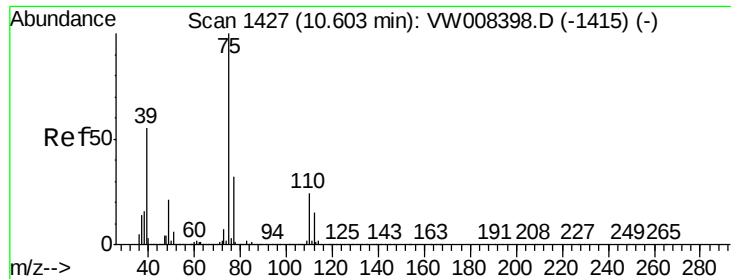
Tgt Ion: 92 Resp: 308954

Ion Ratio Lower Upper

92 100

91 167.9 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.736 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampled :

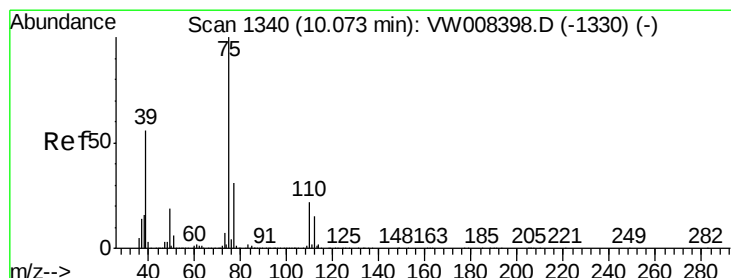
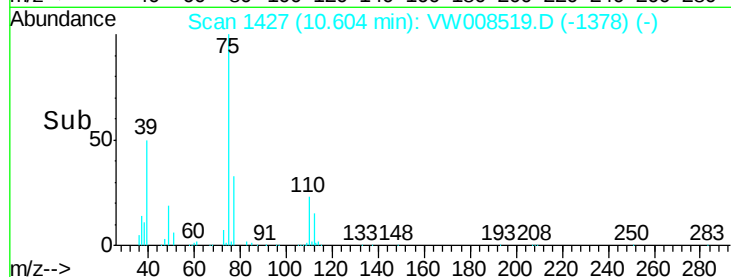
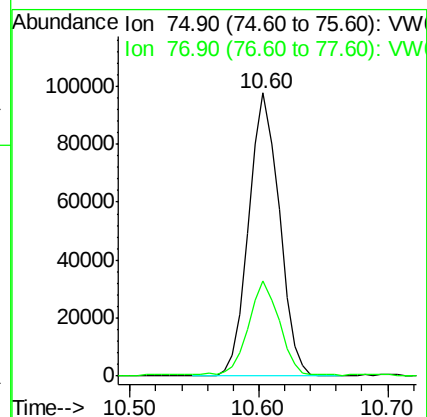
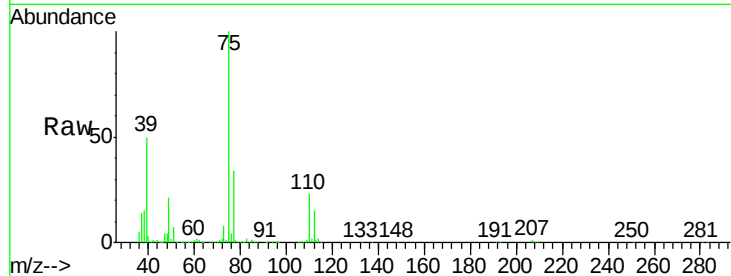
VW0206SBS01

Tot Ion: 75 Resp: 159956

Ion Ratio Lower Upper

75 100

77 33.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.190 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

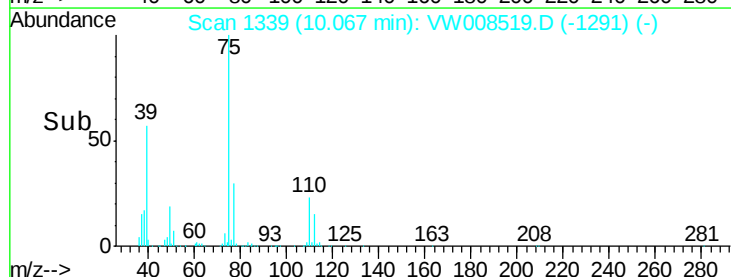
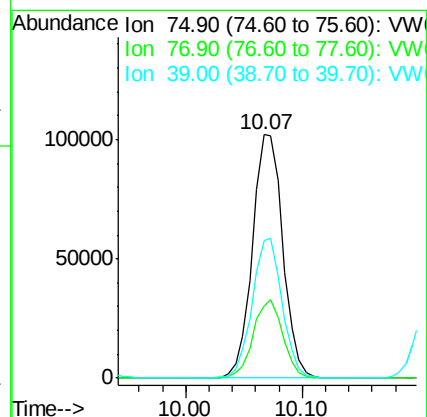
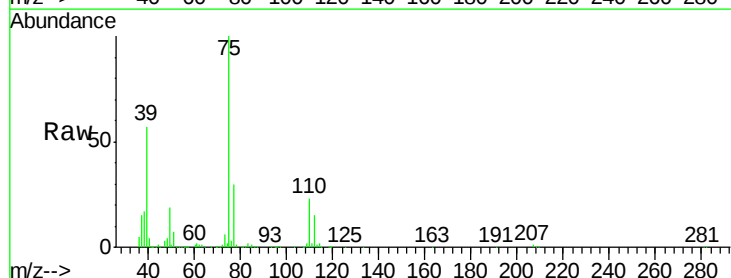
Tgt Ion: 75 Resp: 186168

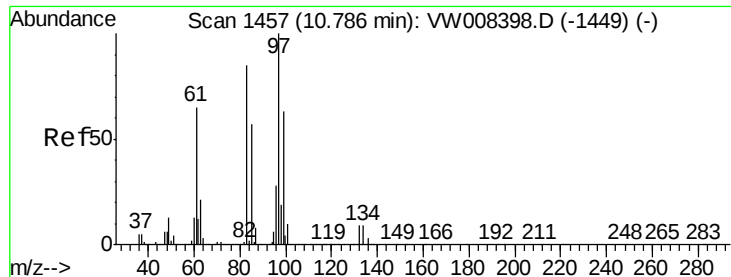
Ion Ratio Lower Upper

75 100

77 29.5 25.0 37.4

39 56.4 44.9 67.3

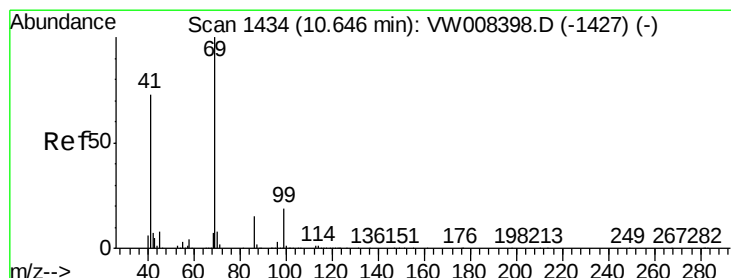
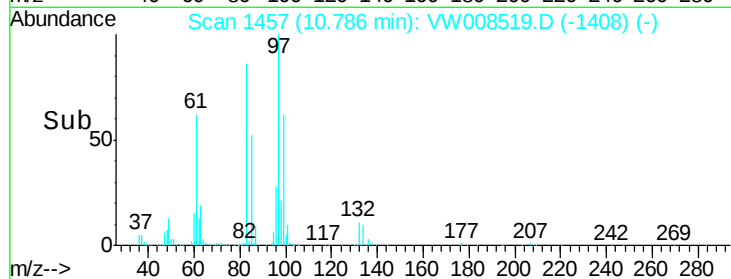
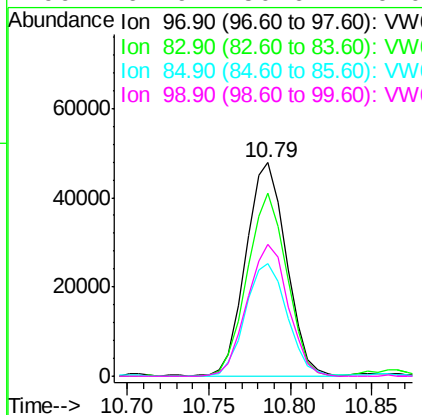
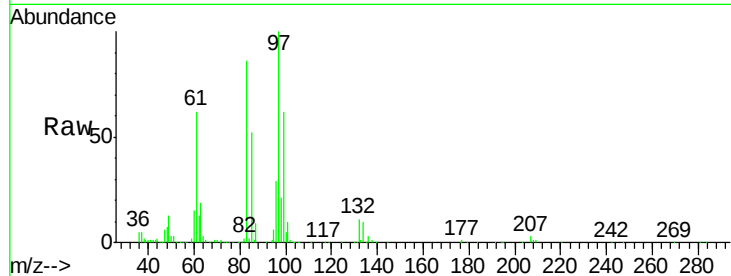




#55
 1,1,2-Trichloroethane
 Concen: 18.638 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

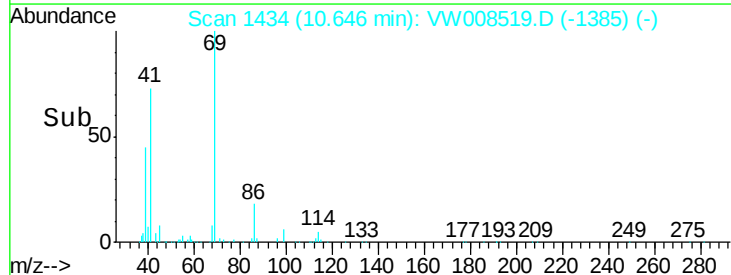
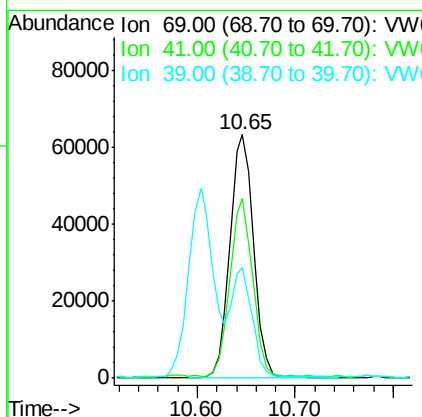
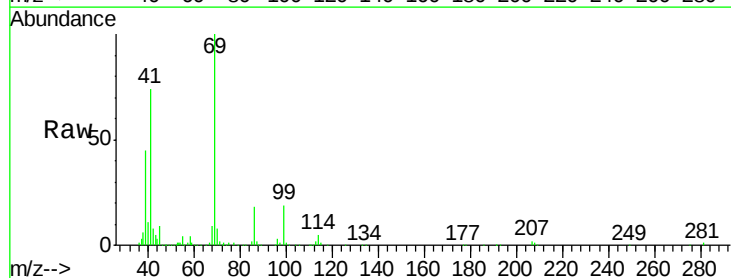
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBS01

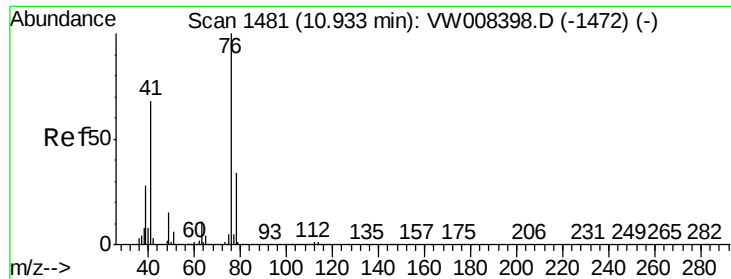
Tot Ion:	97	Resp:	82840
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.4	102.6
85	52.5	45.3	67.9
99	61.9	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 17.132 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

Tgt Ion:	69	Resp:	106699
Ion	Ratio	Lower	Upper
69	100		
41	70.0	58.7	88.1
39	38.6	32.6	48.8

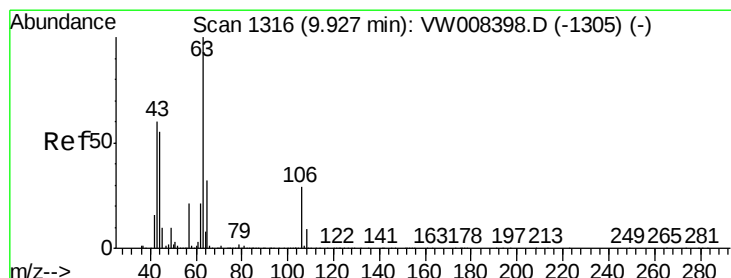
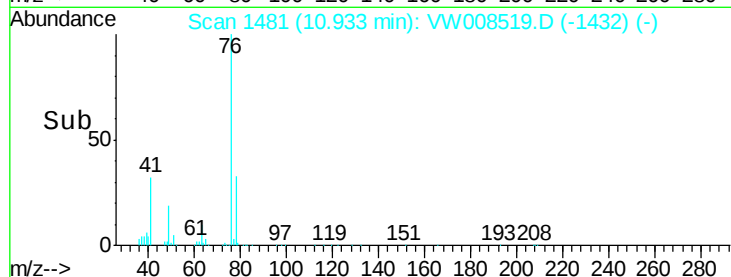
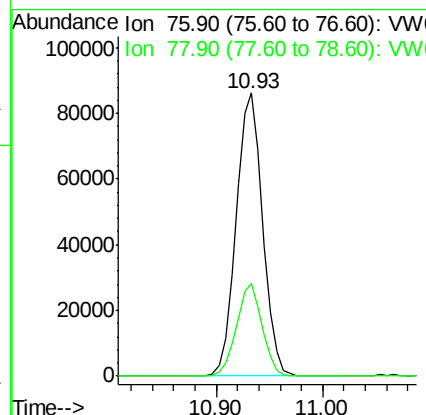
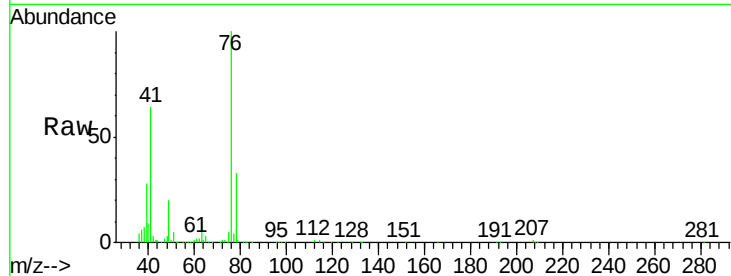




#57
 1,3-Dichloropropane
 Concen: 18.864 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

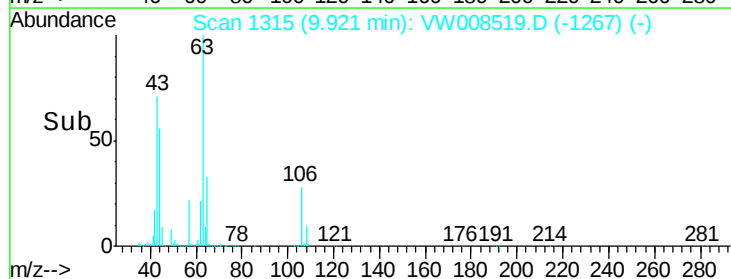
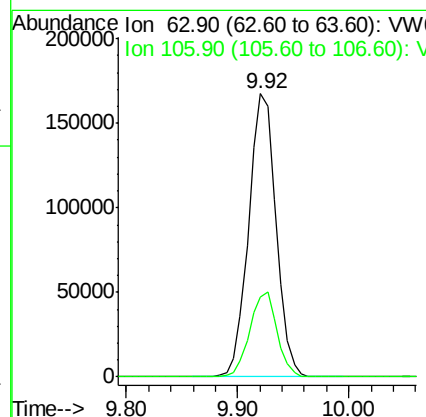
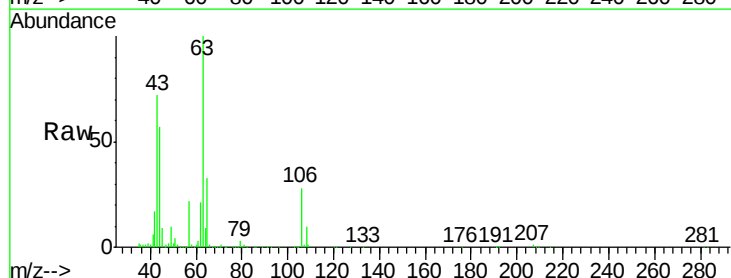
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBS01

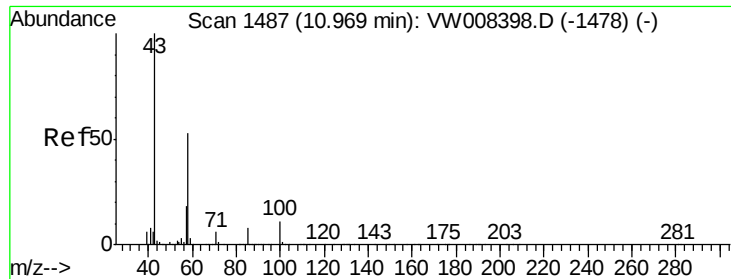
Tot Ion: 76 Resp: 150207
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.778 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

Tgt Ion: 63 Resp: 286794
 Ion Ratio Lower Upper
 63 100
 106 29.6 22.4 33.6

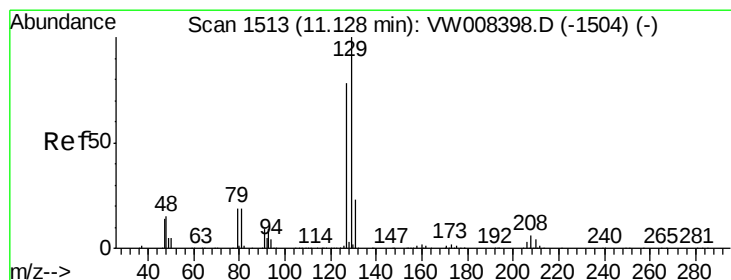
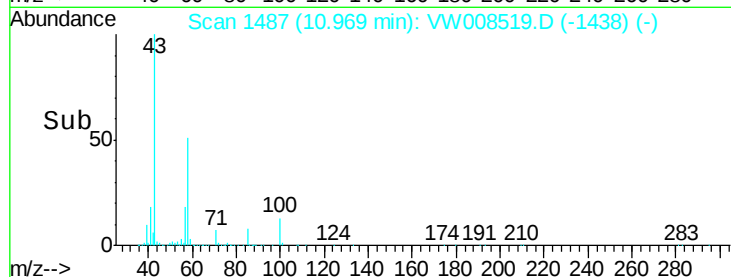
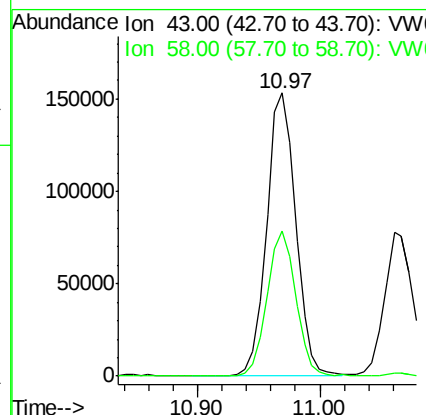
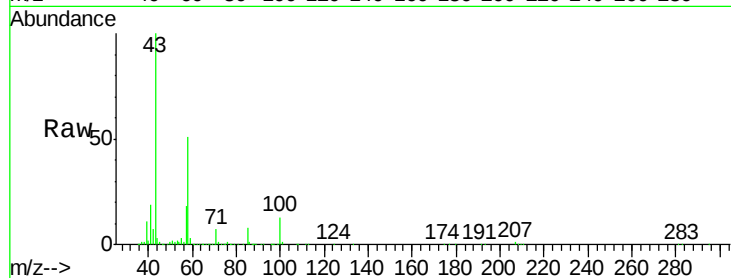




#59
2-Hexanone
Concen: 87.607 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

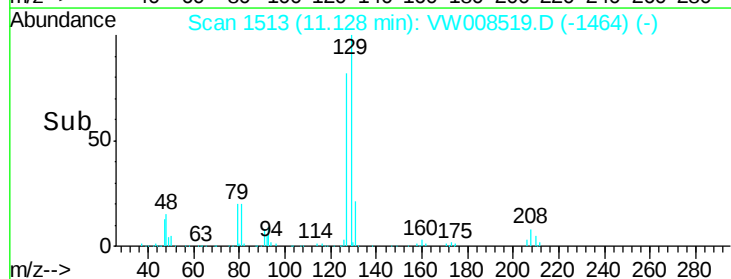
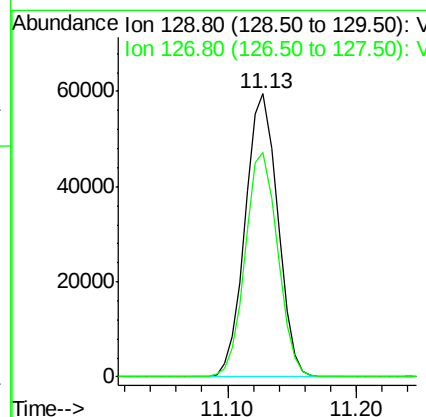
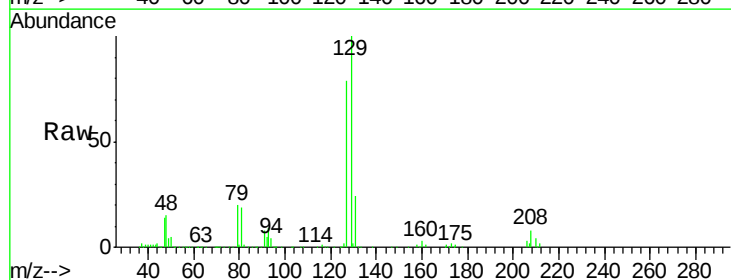
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

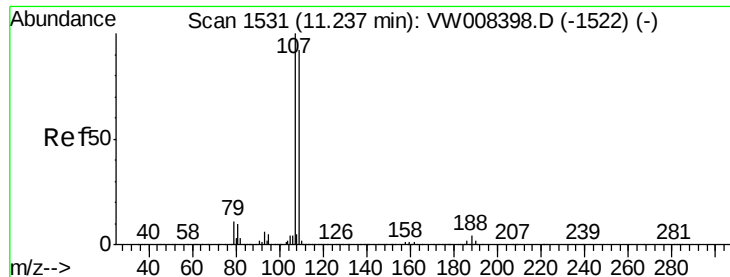
Tot Ion: 43 Resp: 252887
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.7



#60
Dibromochloromethane
Concen: 18.189 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 129 Resp: 103893
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2

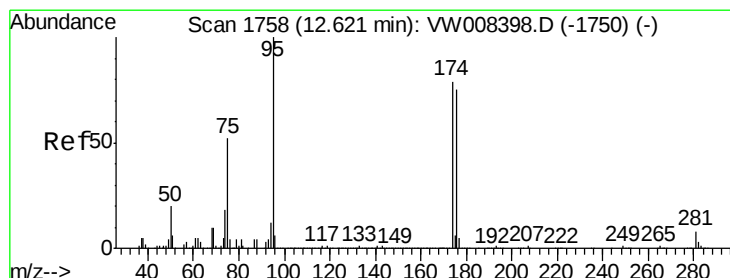
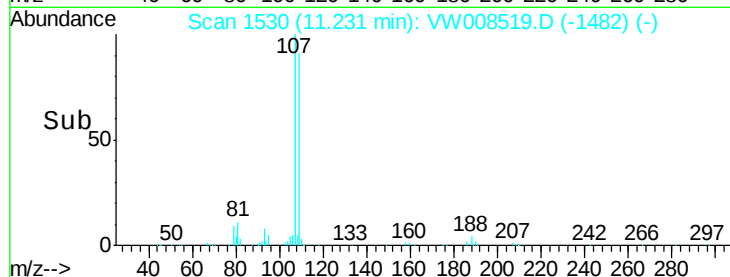
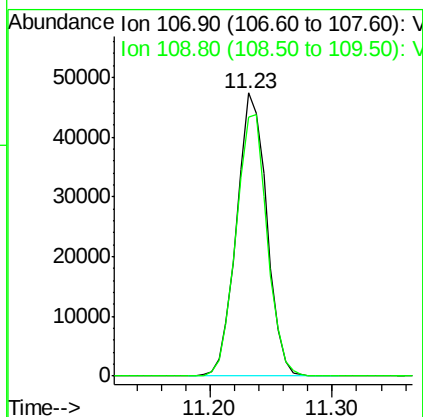
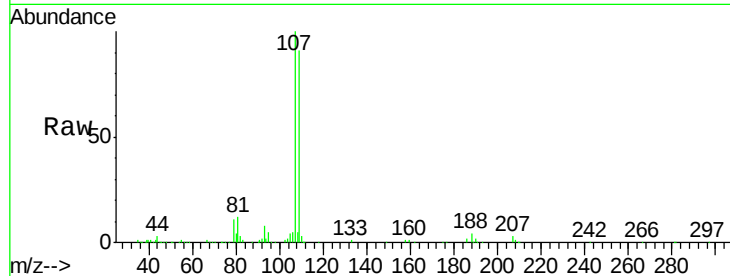




#61
 1,2-Dibromoethane
 Concen: 18.351 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

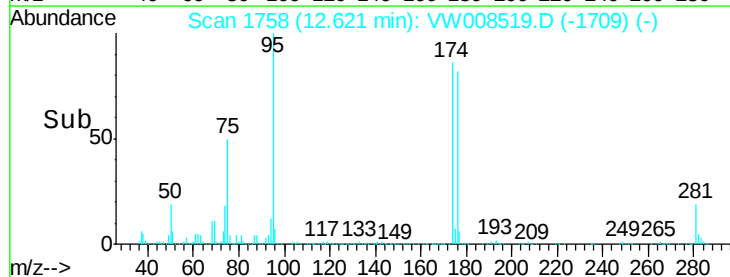
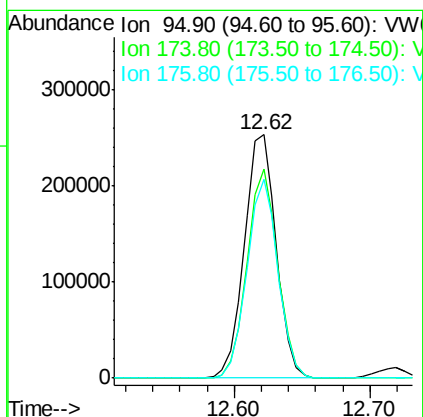
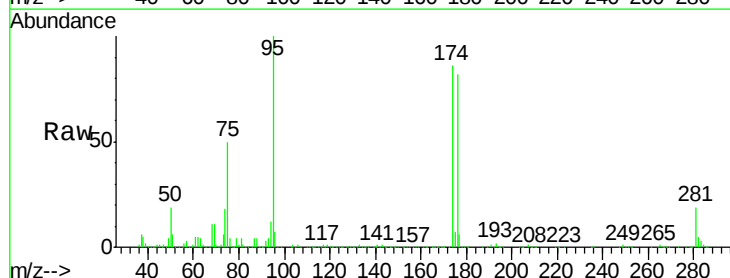
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBS01

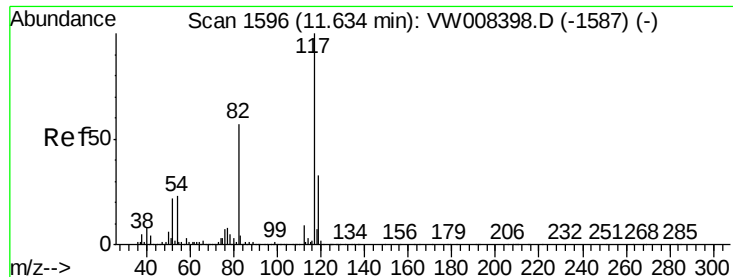
Tot Ion: 107 Resp: 80874
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.102 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

Tgt Ion: 95 Resp: 413282
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 157.6
 176 79.7 0.0 151.8

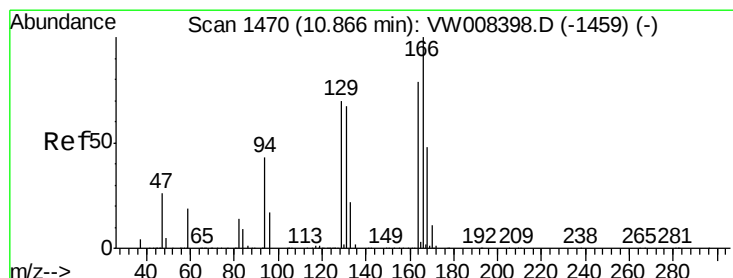
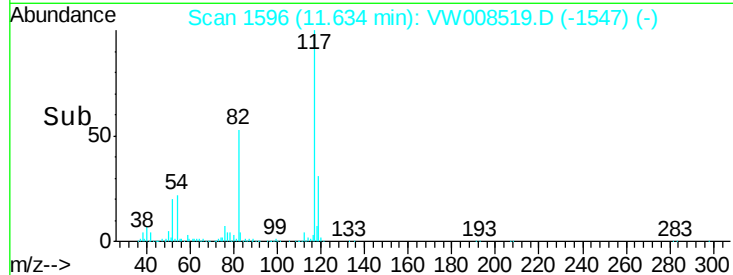
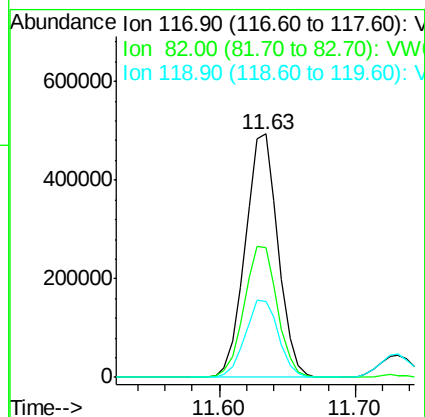
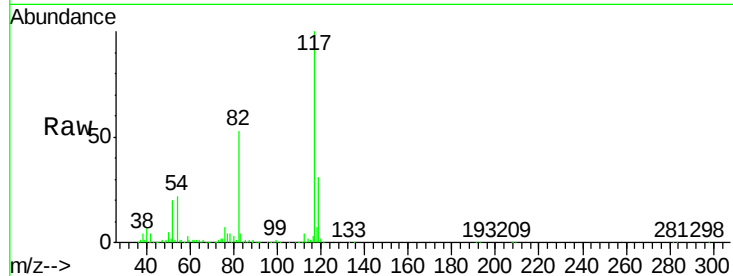




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

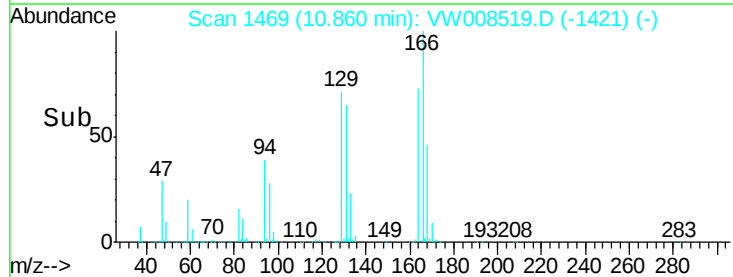
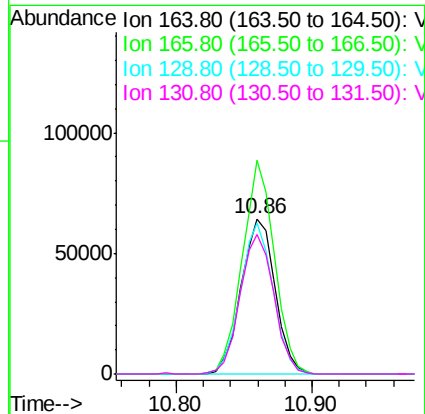
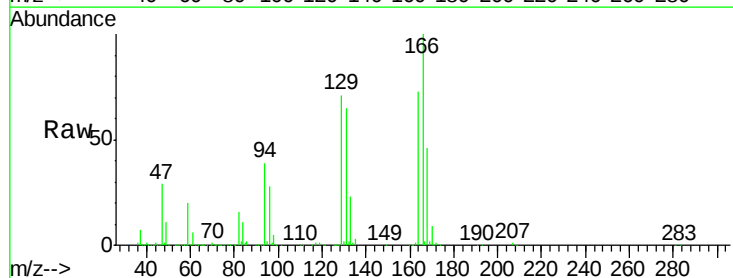
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

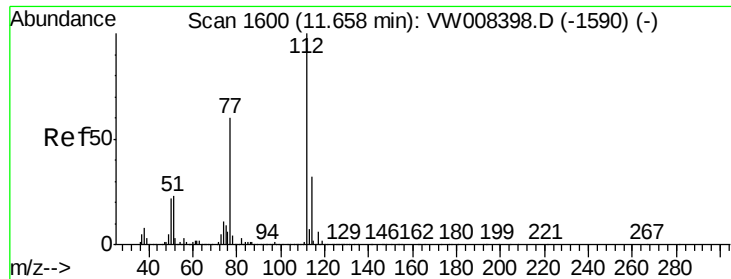
Tot Ion:117 Resp: 831595
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 19.901 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion:164 Resp: 112053
Ion Ratio Lower Upper
164 100
166 137.3 101.4 152.0
129 97.4 71.0 106.6
131 89.9 68.3 102.5

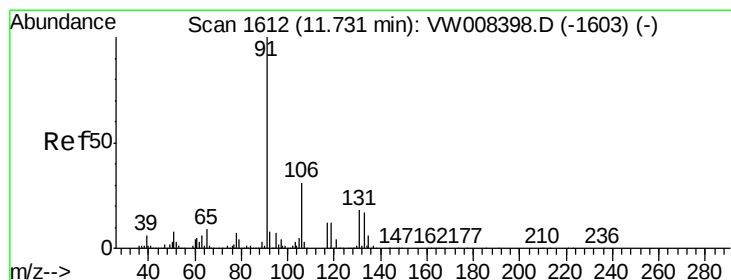
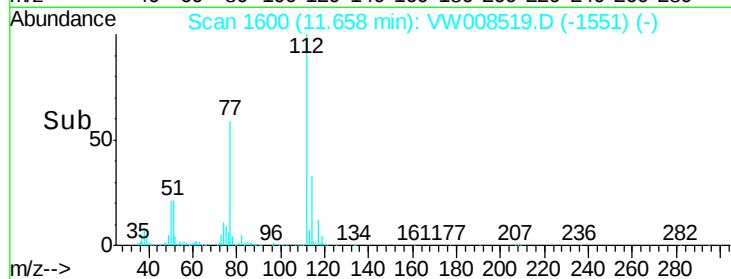
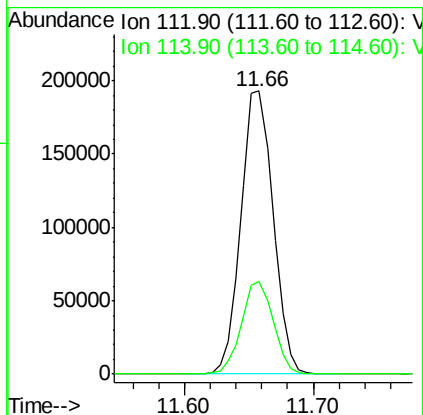
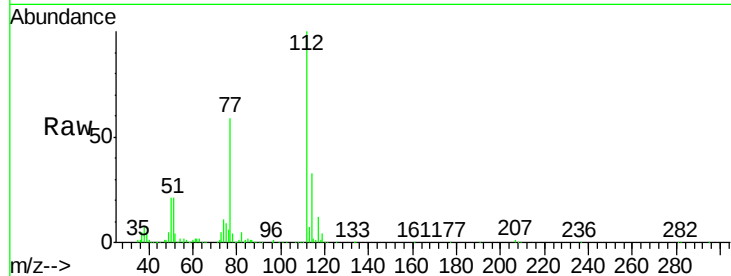




#65
Chlorobenzene
Concen: 19.642 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

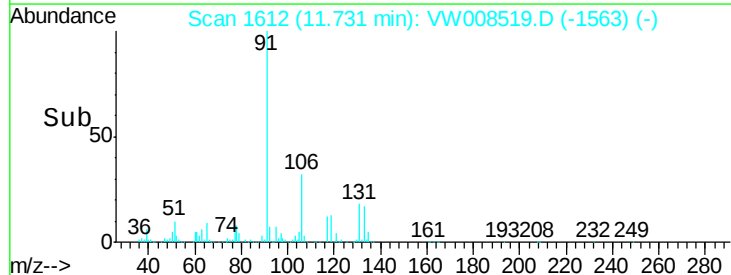
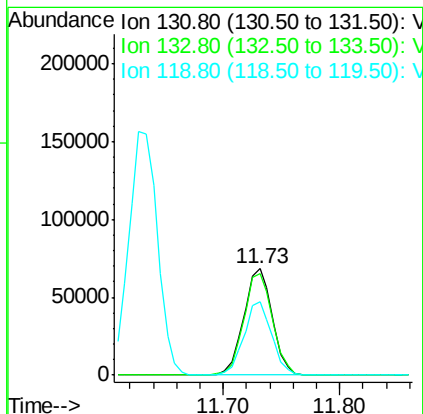
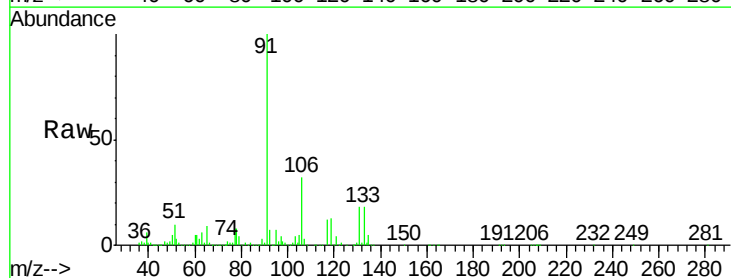
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

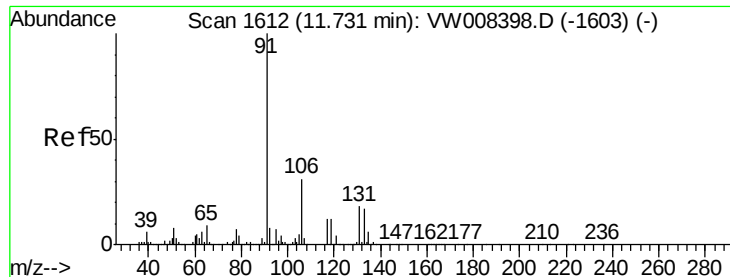
Tot Ion:112 Resp: 333442
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.198 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion:131 Resp: 116600
Ion Ratio Lower Upper
131 100
133 96.7 47.0 141.2
119 67.2 32.1 96.3

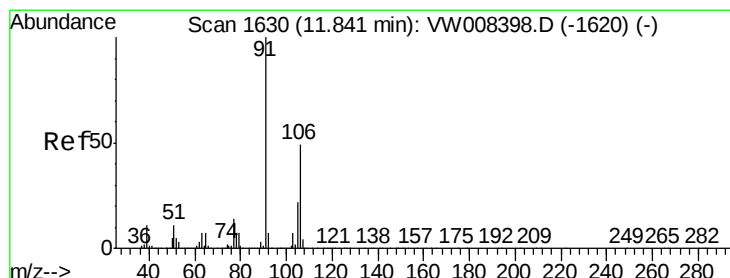
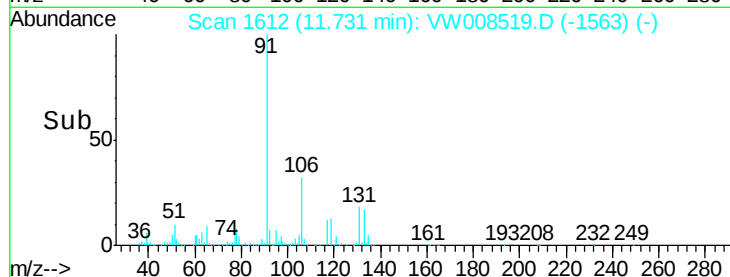
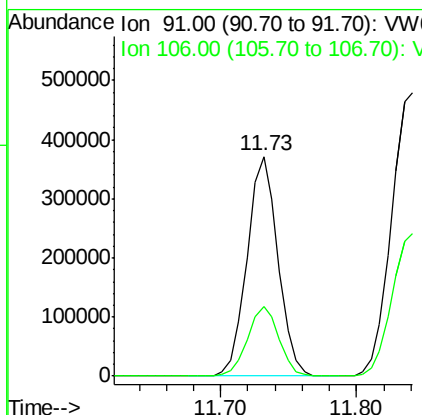
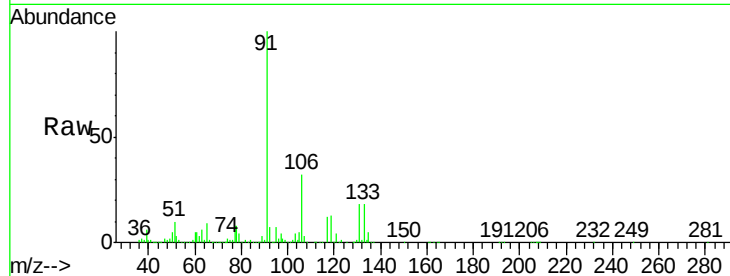




#67
Ethyl Benzene
Concen: 18.916 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

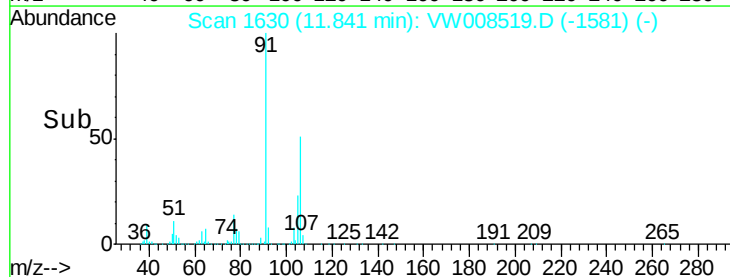
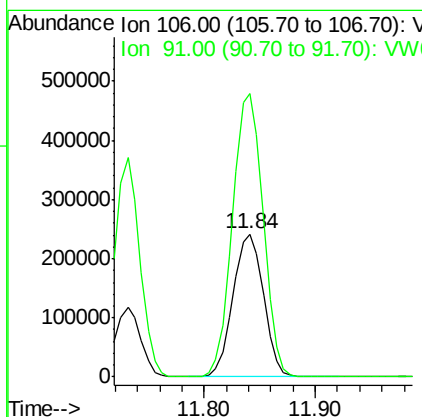
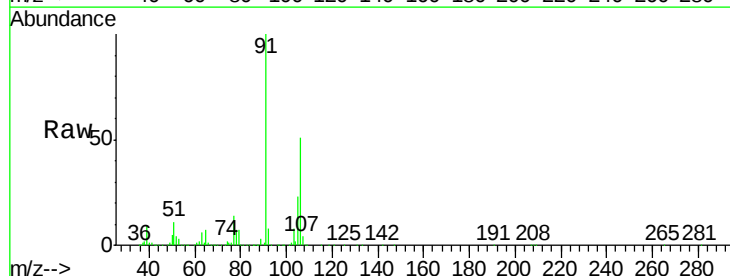
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

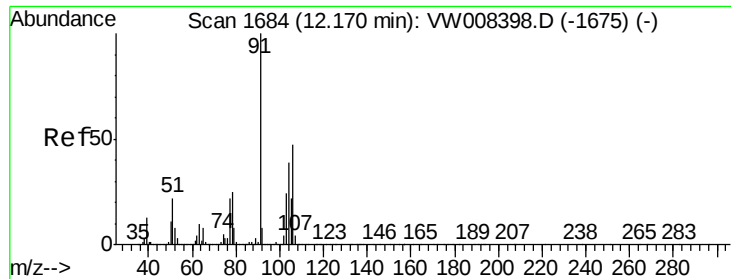
Tot Ion: 91 Resp: 590252
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1



#68
m/p-Xylenes
Concen: 37.833 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion: 106 Resp: 458049
Ion Ratio Lower Upper
106 100
91 199.0 162.9 244.3

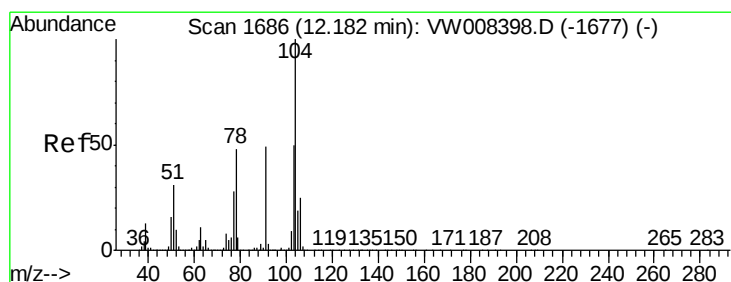
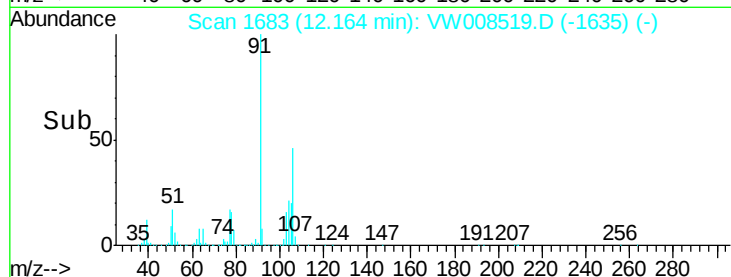
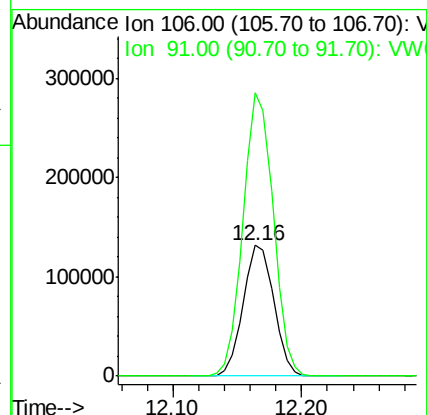
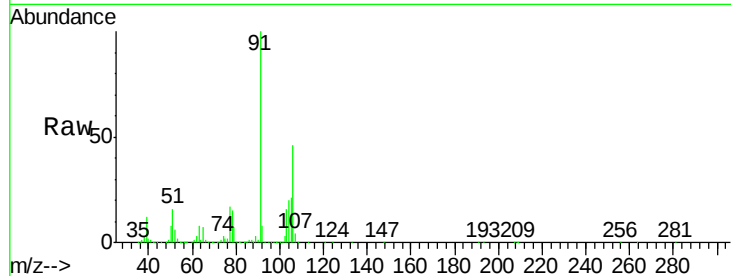




#69
o-Xylene
Concen: 18.858 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

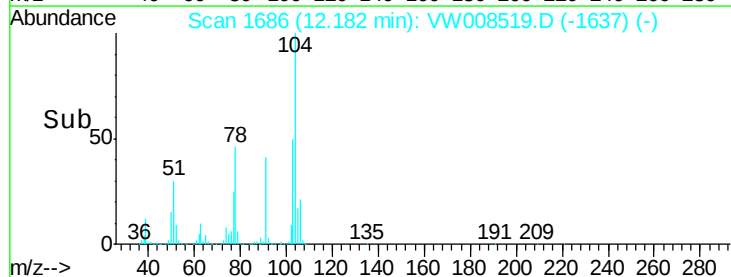
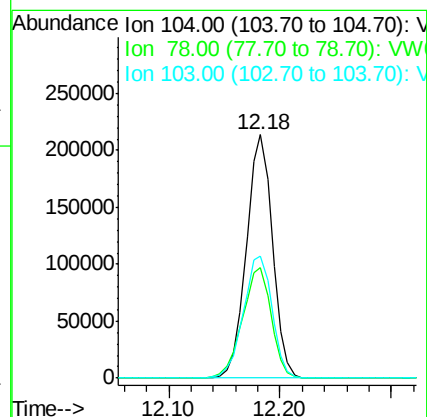
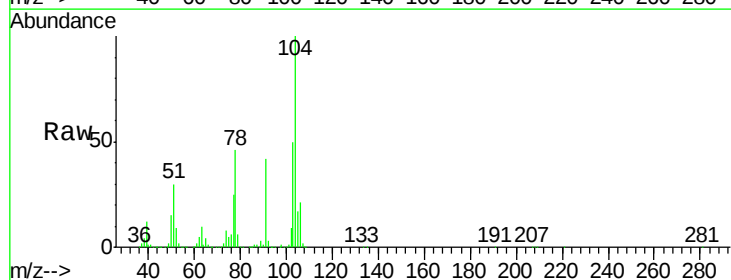
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

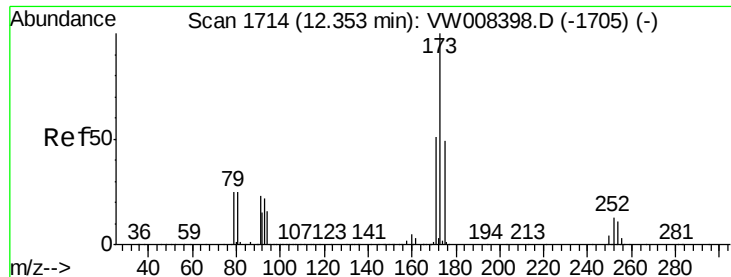
Tot Ion:106 Resp: 216933
Ion Ratio Lower Upper
106 100
91 213.3 107.5 322.4



#70
Styrene
Concen: 18.289 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion:104 Resp: 347529
Ion Ratio Lower Upper
104 100
78 50.0 42.4 63.6
103 55.5 43.4 65.0

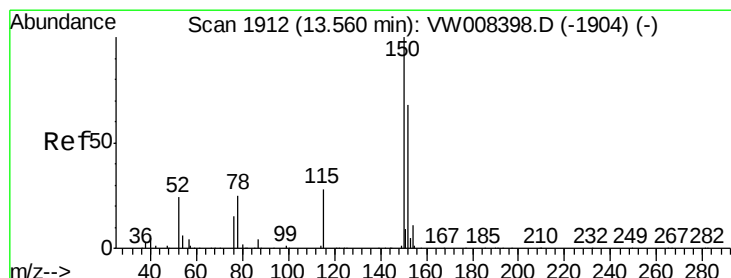
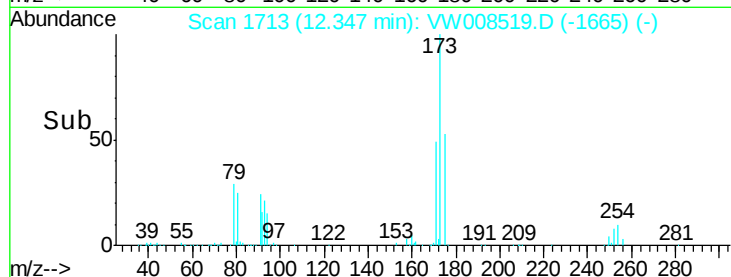
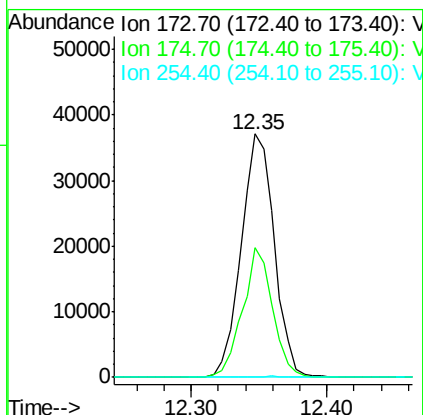
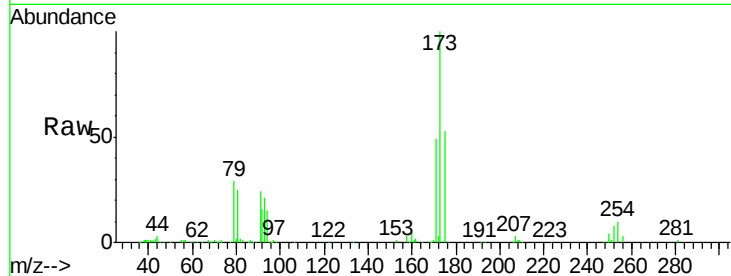




#71
Bromoform
Concen: 18.413 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

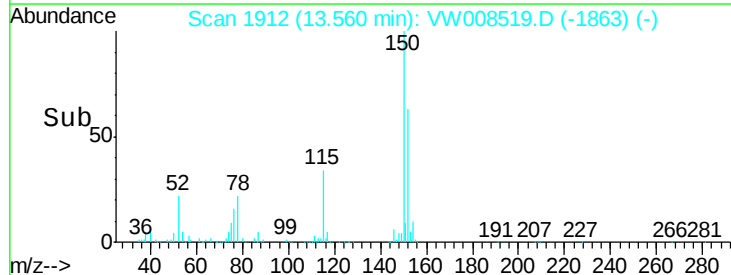
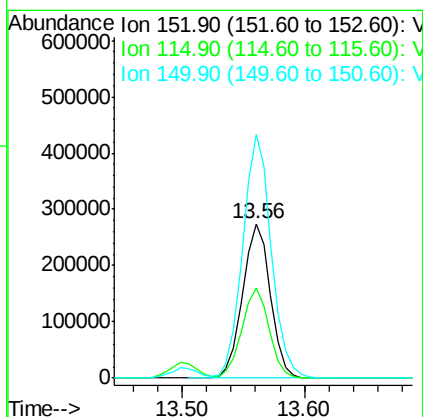
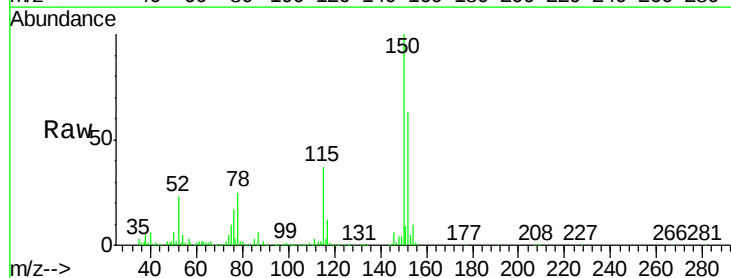
Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

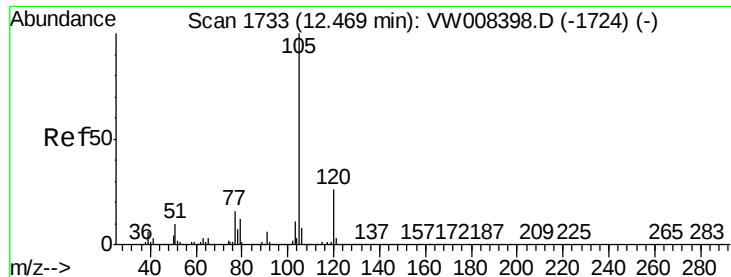
Tot Ion:173 Resp: 62922
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008519.D
Acq: 06 Feb 2019 11:27

Tgt Ion:152 Resp: 429760
Ion Ratio Lower Upper
152 100
115 57.4 29.9 89.7
150 162.4 0.0 351.4





#73

Isopropylbenzene

Concen: 18.780 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

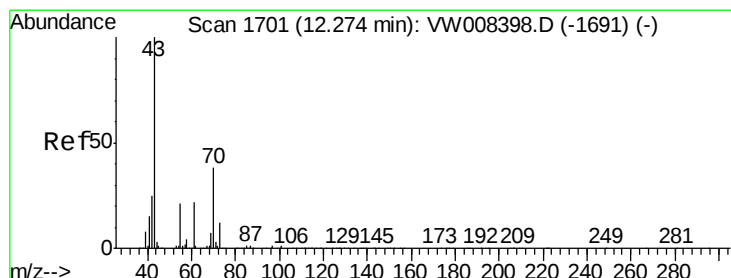
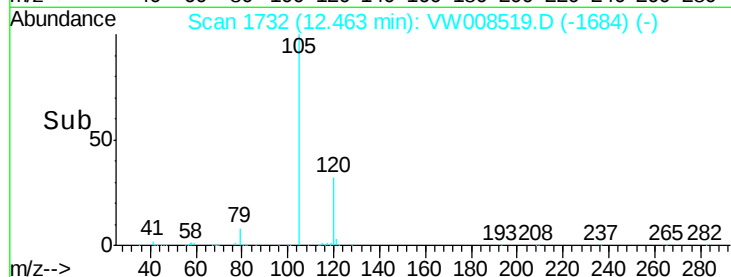
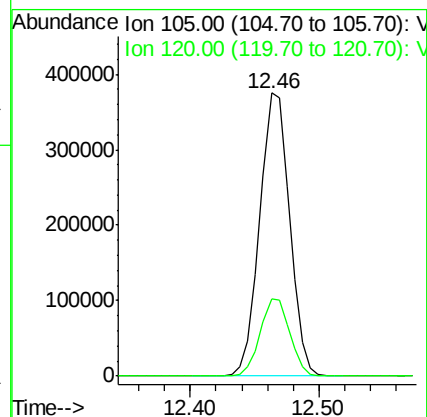
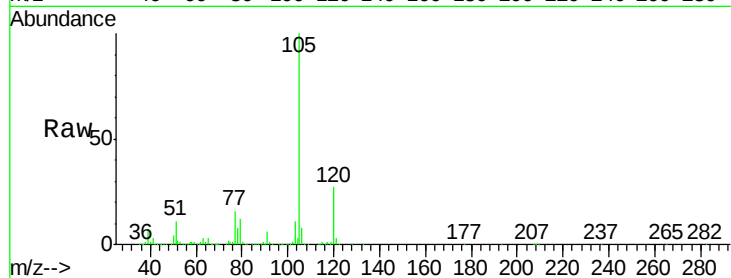
VW0206SBS01

Tot Ion: 105 Resp: 601697

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 16.790 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Tgt Ion: 43 Resp: 138587

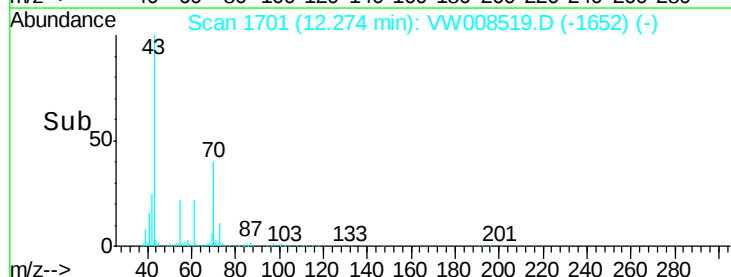
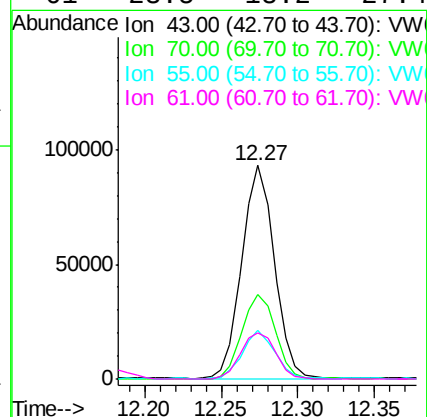
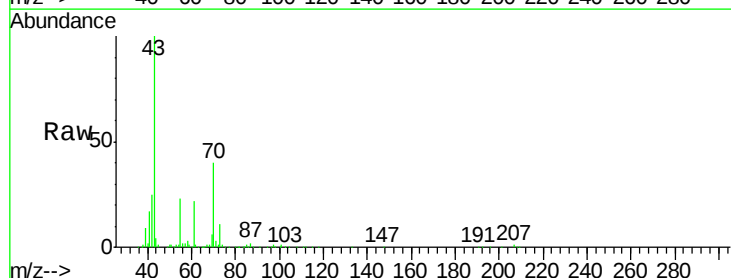
Ion Ratio Lower Upper

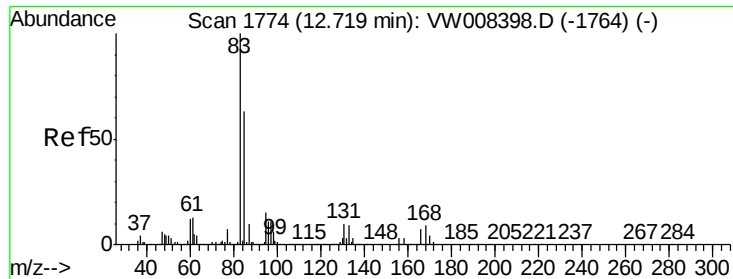
43 100

70 41.1 31.0 46.6

55 22.3 17.4 26.2

61 23.5 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.908 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

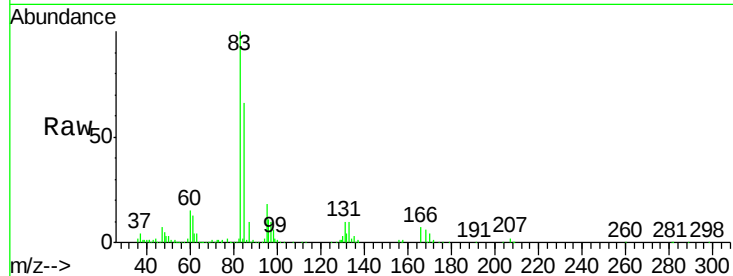
Tot Ion: 83 Resp: 95910

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

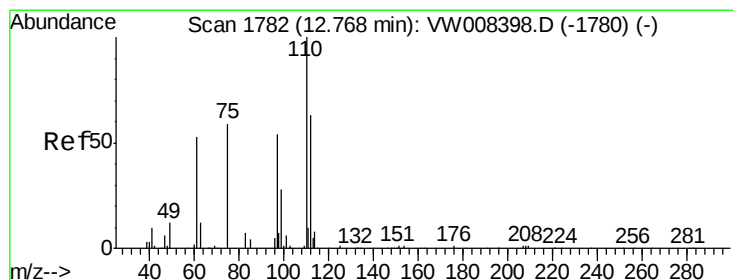
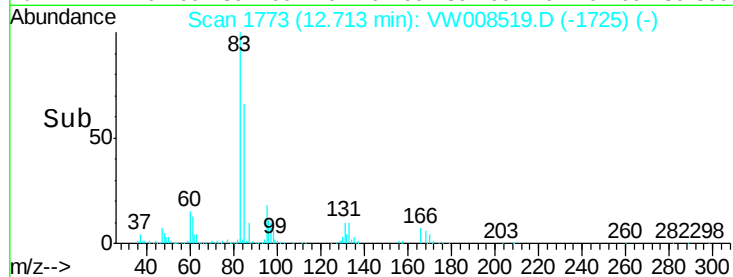
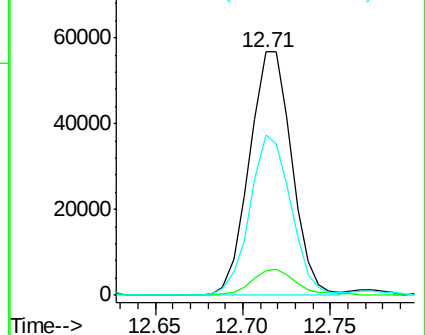
85 63.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 17.677 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008519.D

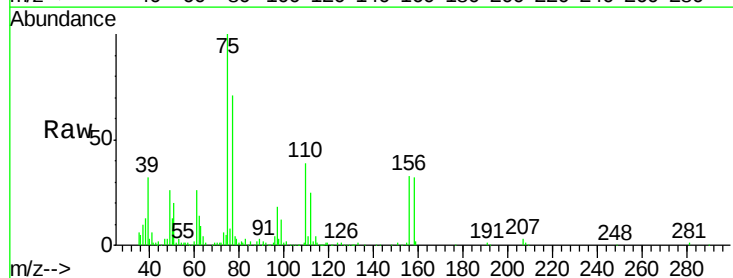
Acq: 06 Feb 2019 11:27

Tgt Ion: 75 Resp: 66049

Ion Ratio Lower Upper

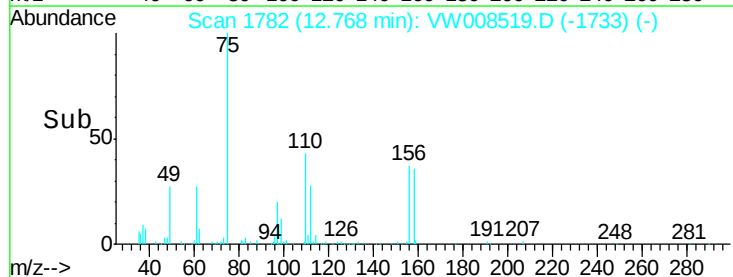
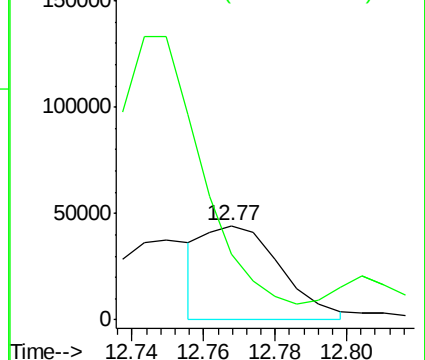
75 100

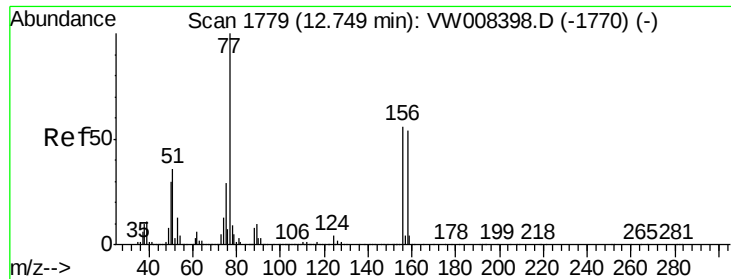
77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.452 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

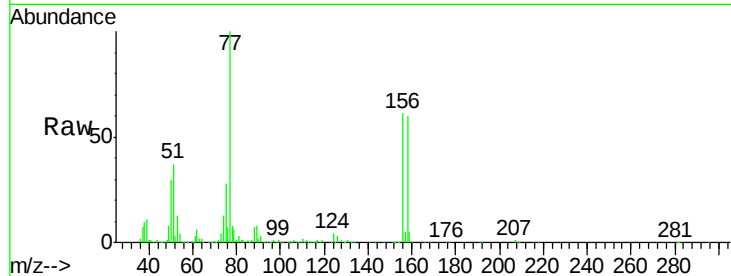
Tot Ion:156 Resp: 136106

Ion Ratio Lower Upper

156 100

77 180.0 96.9 290.7

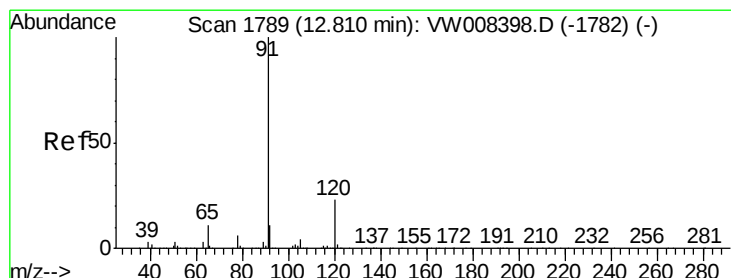
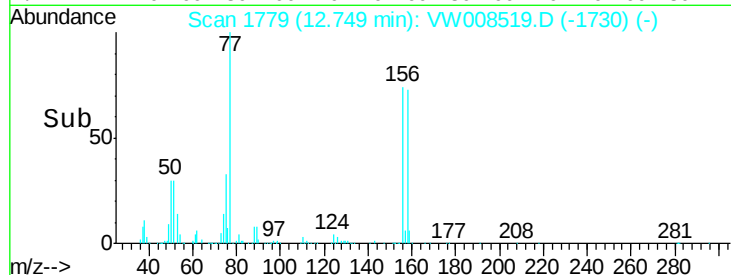
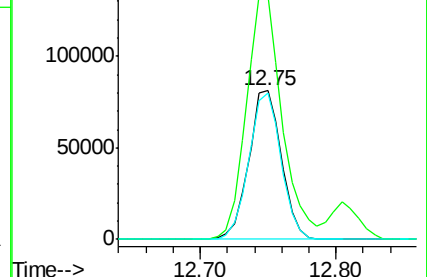
158 97.6 48.8 146.4



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: 18.664 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008519.D

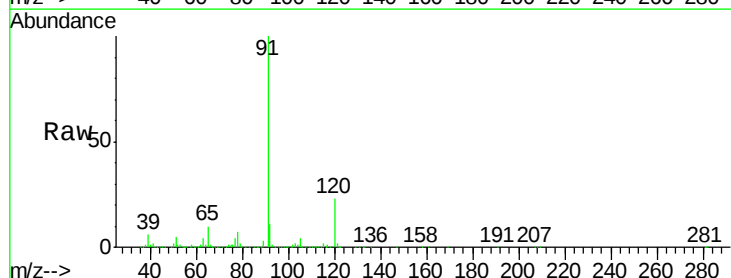
Acq: 06 Feb 2019 11:27

Tgt Ion: 91 Resp: 718234

Ion Ratio Lower Upper

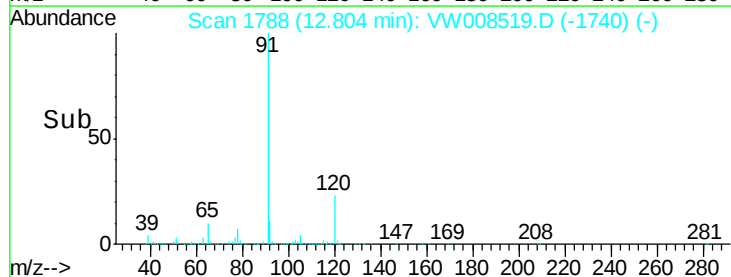
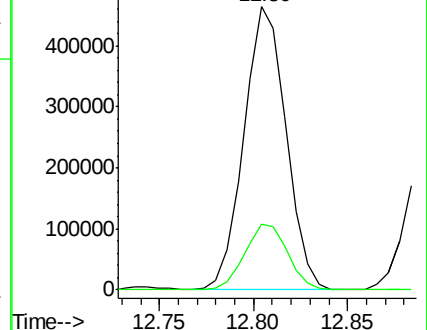
91 100

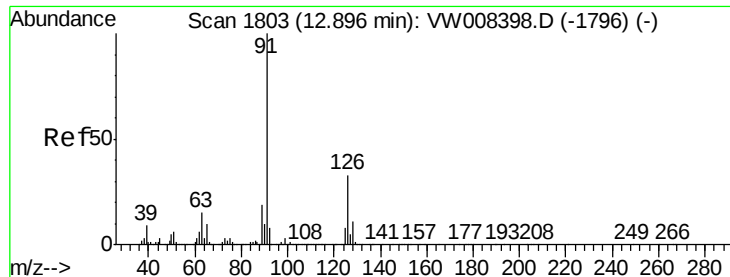
120 23.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.377 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

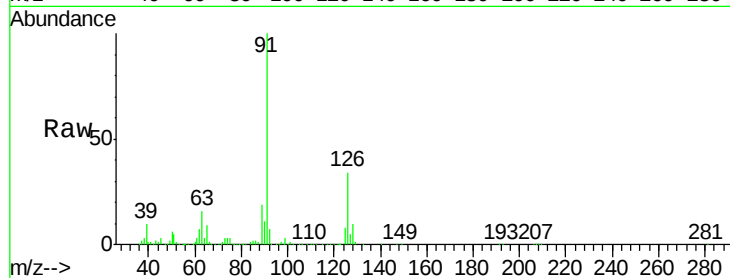
VW0206SBS01

Tot Ion: 91 Resp: 399052

Ion Ratio Lower Upper

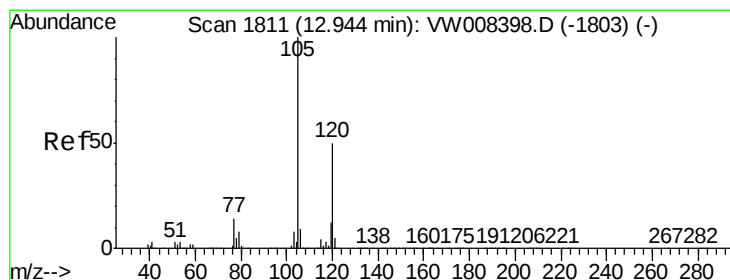
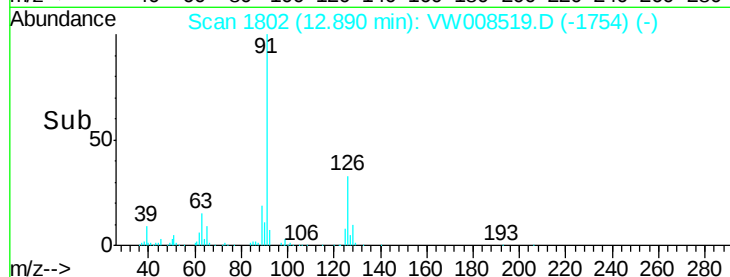
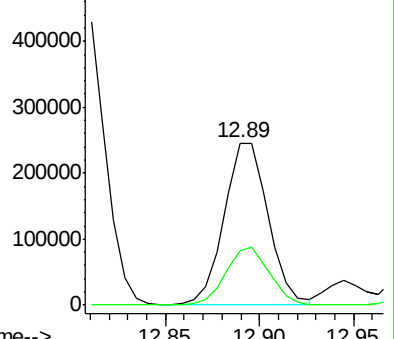
91 100

126 35.4 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: 18.569 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008519.D

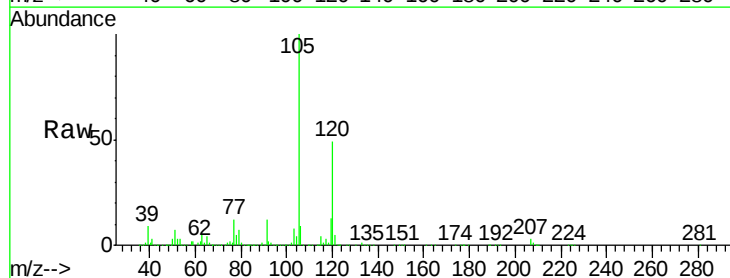
Acq: 06 Feb 2019 11:27

Tgt Ion: 105 Resp: 497283

Ion Ratio Lower Upper

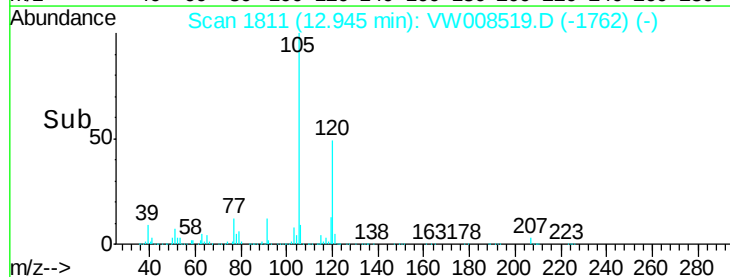
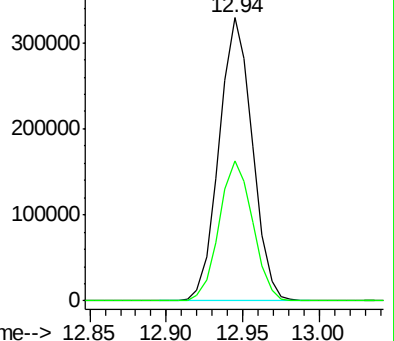
105 100

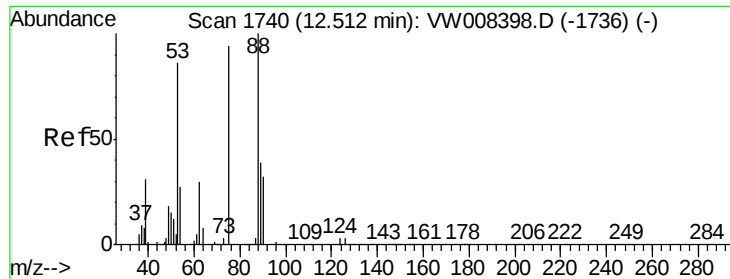
120 50.1 24.6 73.8



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: 16.487 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampled :

VW0206SBS01

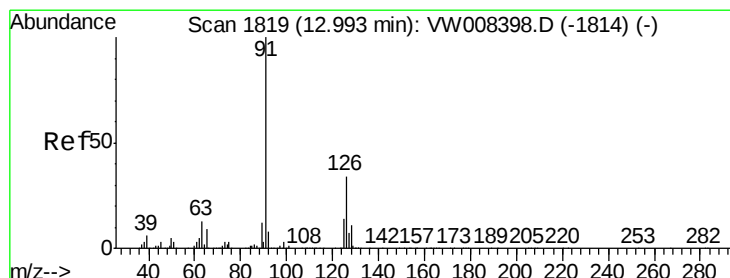
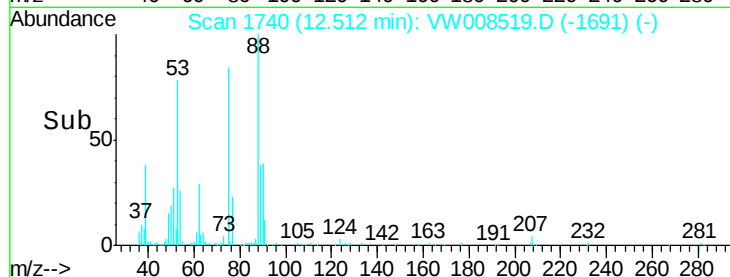
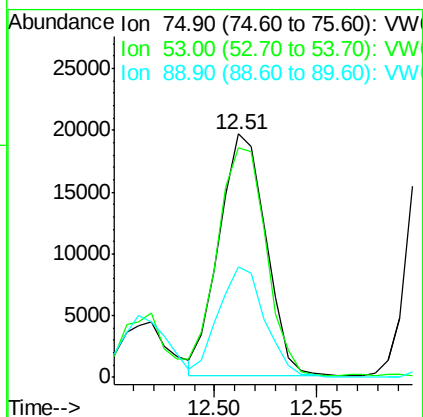
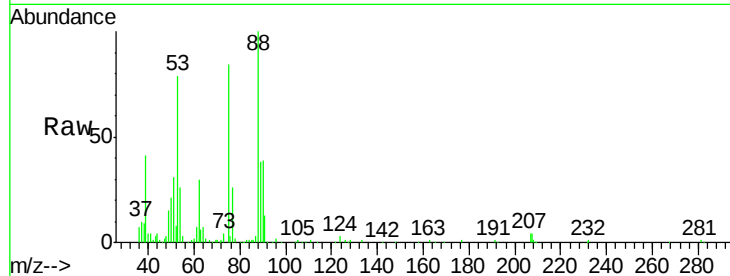
Tot Ion: 75 Resp: 31191

Ion Ratio Lower Upper

75 100

53 97.8 76.0 114.0

89 45.6 35.4 53.0



#82

4-Chlorotoluene

Concen: 17.908 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008519.D

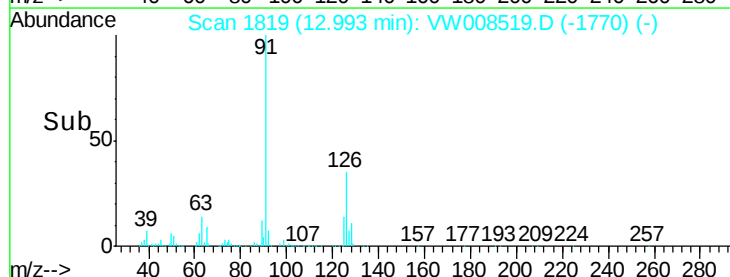
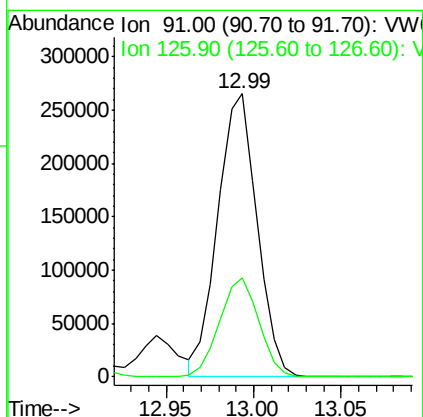
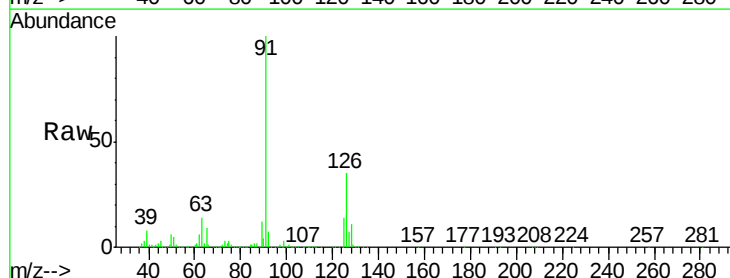
Acq: 06 Feb 2019 11:27

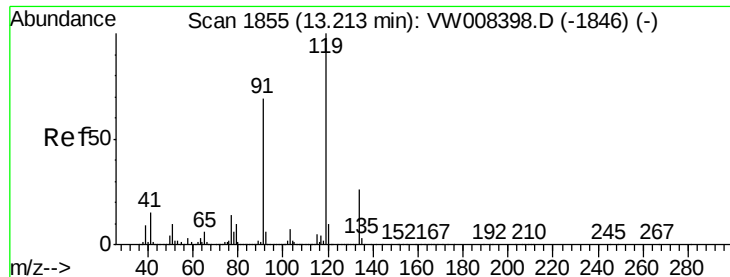
Tgt Ion: 91 Resp: 414013

Ion Ratio Lower Upper

91 100

126 35.1 16.4 49.2





#83

tert-Butylbenzene

Concen: 18.202 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

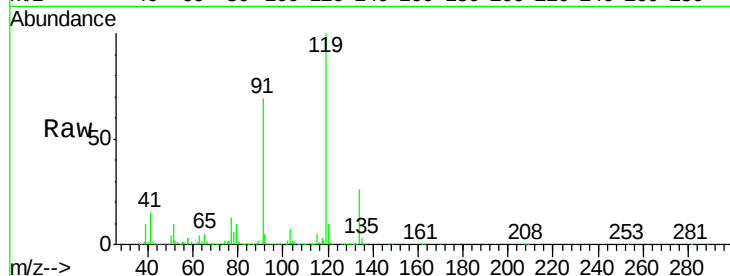
Tot Ion:119 Resp: 433764

Ion Ratio Lower Upper

119 100

91 67.9 33.8 101.4

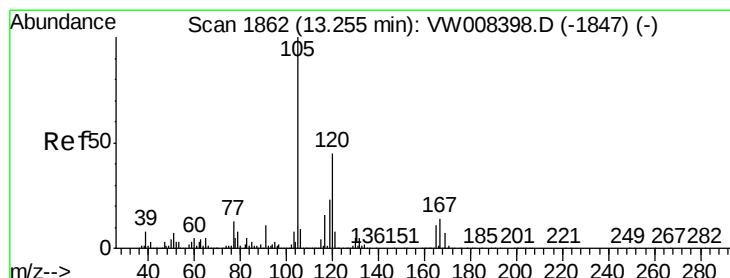
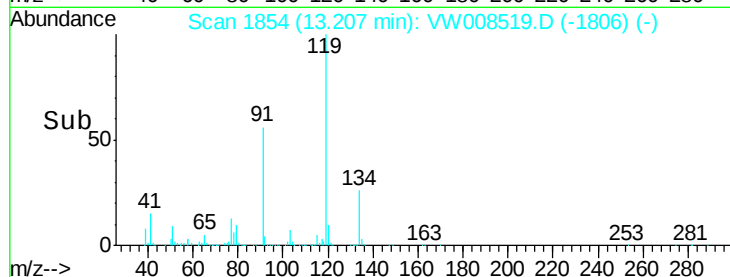
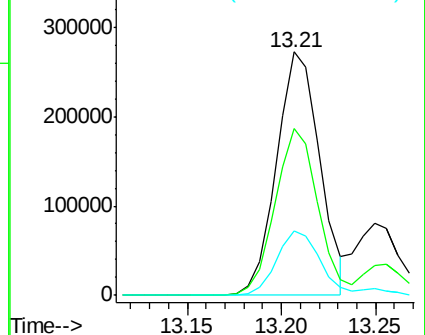
134 28.3 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.669 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008519.D

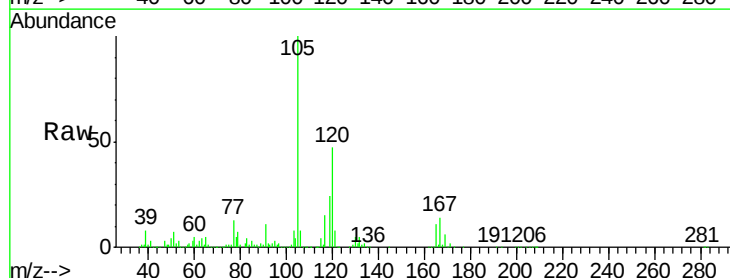
Acq: 06 Feb 2019 11:27

Tgt Ion:105 Resp: 508166

Ion Ratio Lower Upper

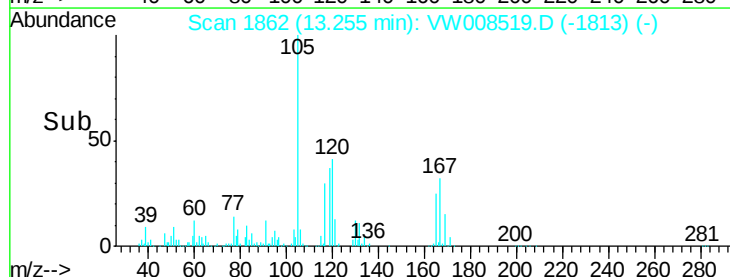
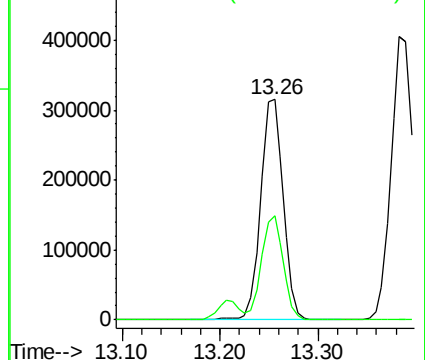
105 100

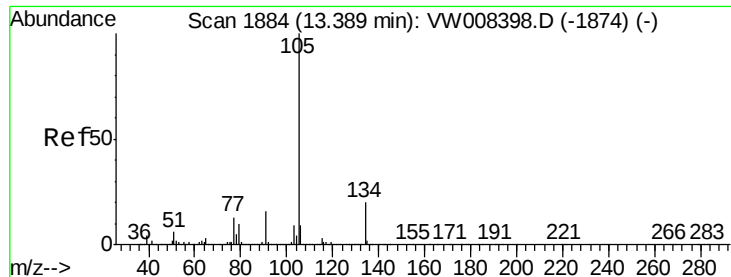
120 45.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.558 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

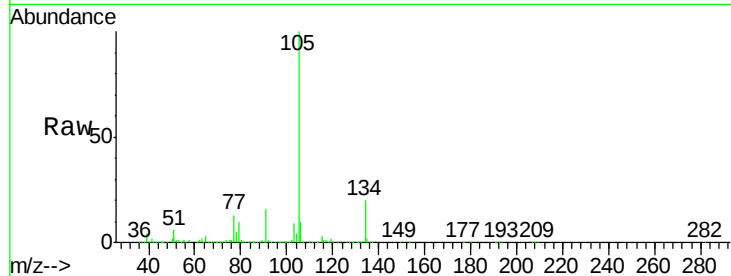
VW0206SBS01

Tot Ion:105 Resp: 631597

Ion Ratio Lower Upper

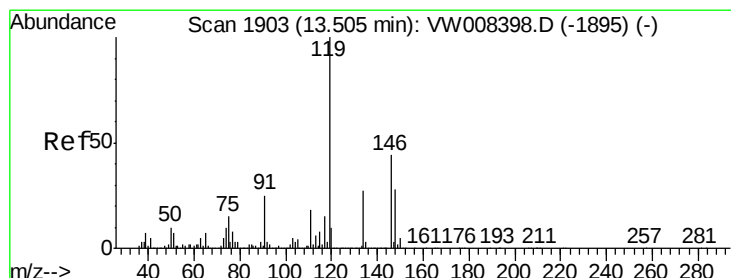
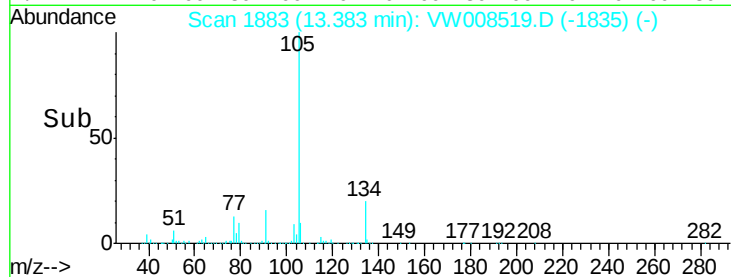
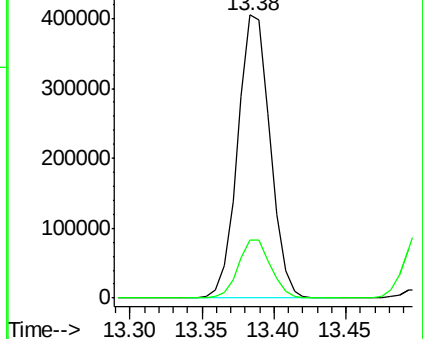
105 100

134 20.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.963 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

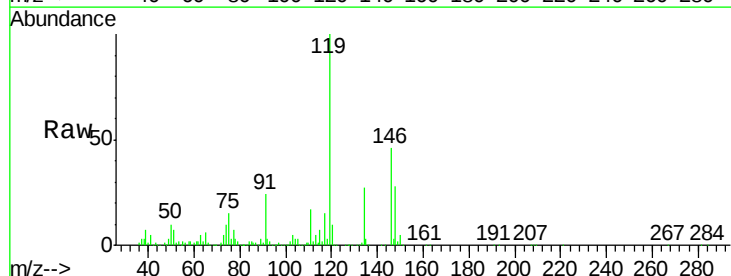
Tgt Ion:119 Resp: 565326

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

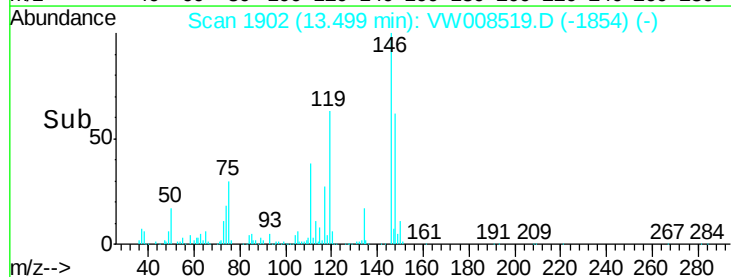
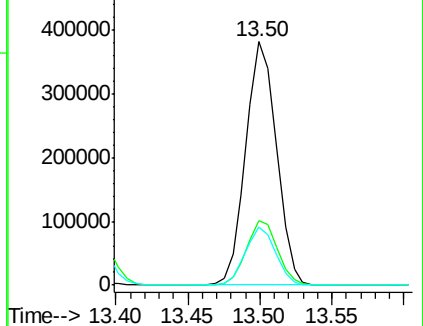
91 23.4 12.6 37.6

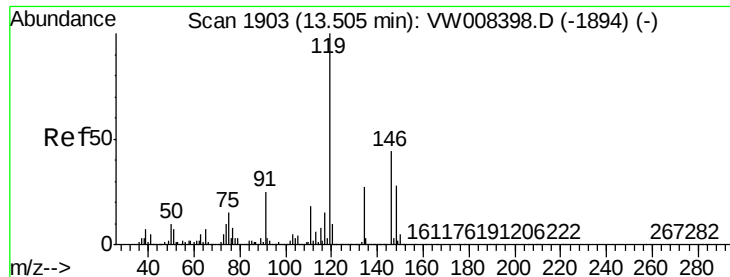


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.406 ug/l

RT: 13.50 min Scan# 1902

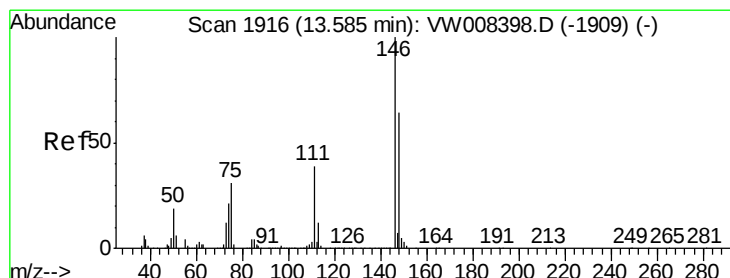
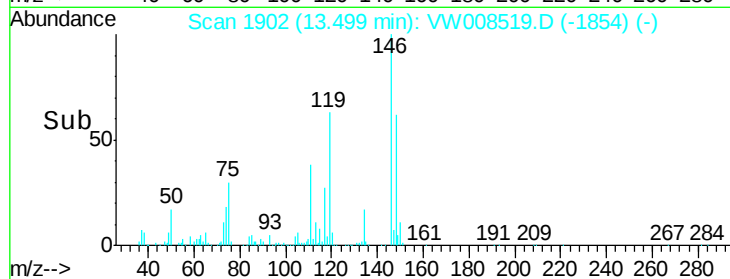
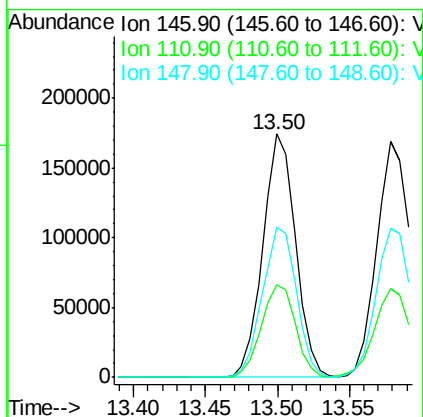
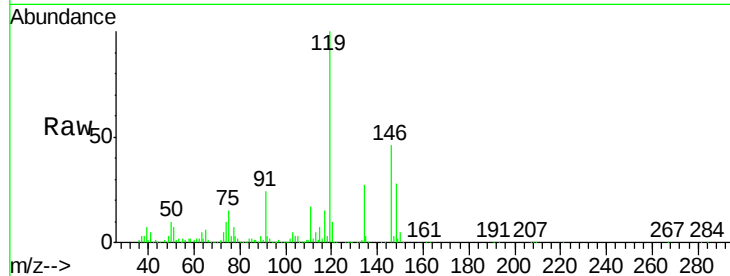
Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :
MSVOA_W
ClientSampleId :
VW0206SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	64.4	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 19.357 ug/l

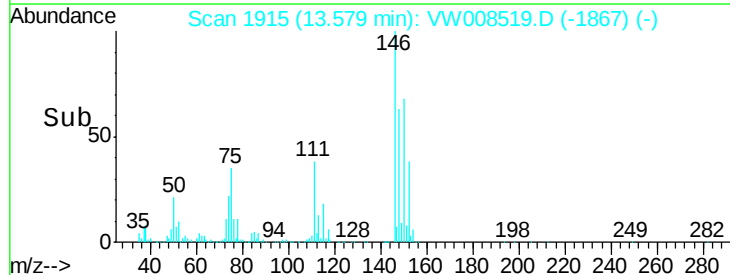
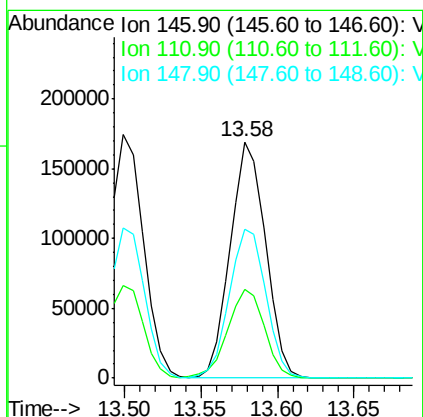
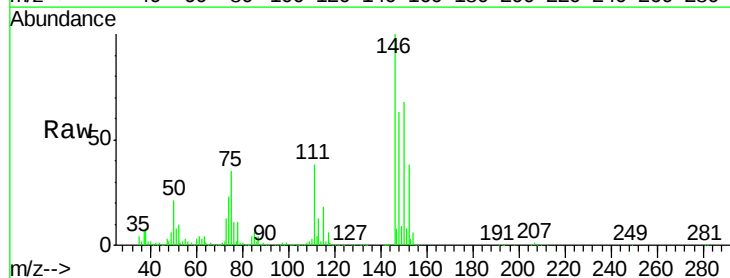
RT: 13.58 min Scan# 1915

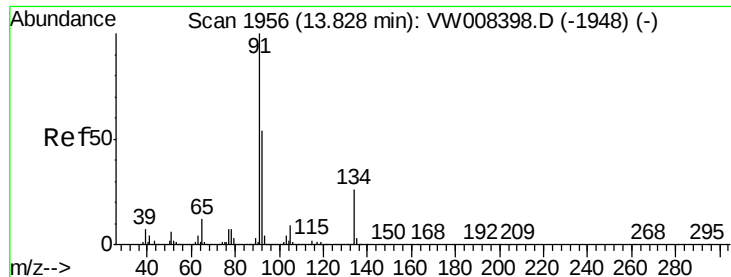
Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	60.0
148	65.2	32.0	96.2





#89

n-Butylbenzene

Concen: 18.286 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

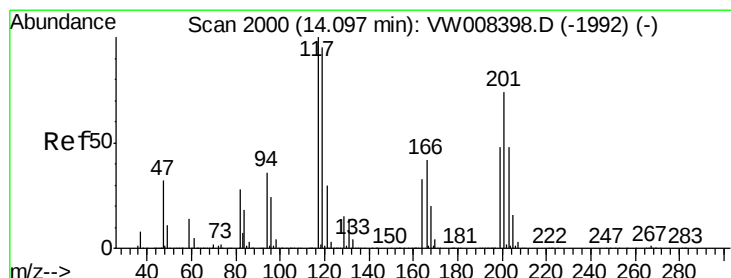
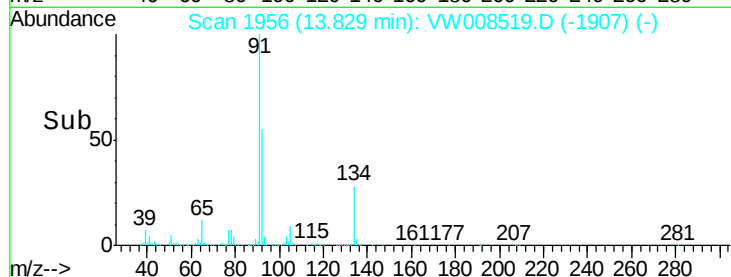
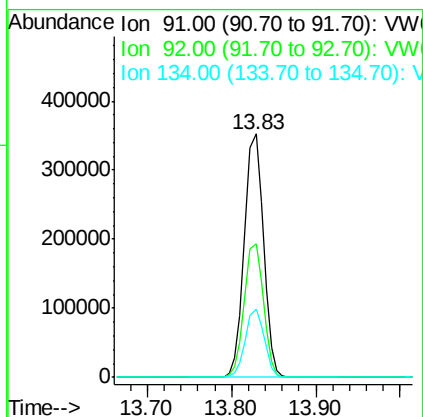
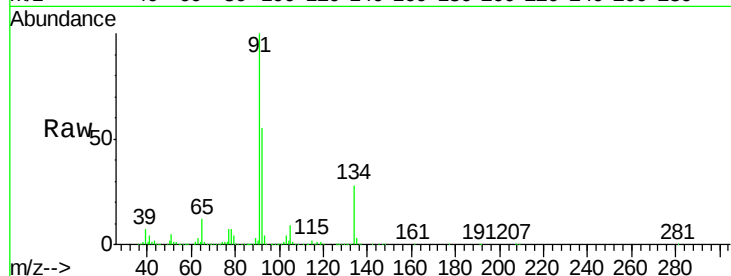
Tot Ion: 91 Resp: 535250

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.2

134 27.7 13.0 39.0



#90

Hexachloroethane

Concen: 18.239 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008519.D

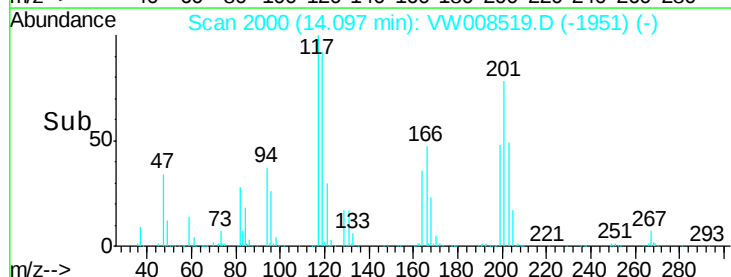
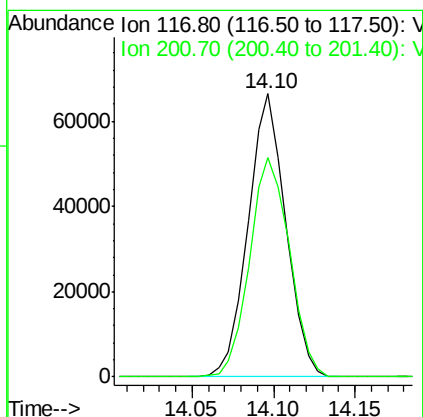
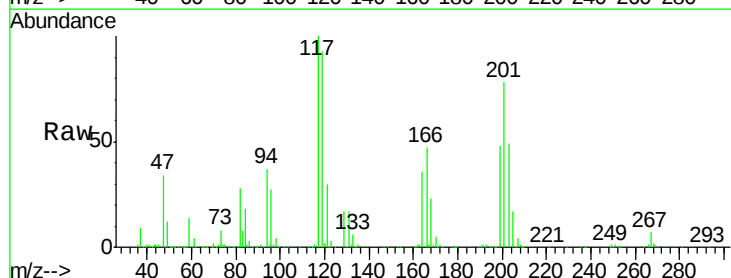
Acq: 06 Feb 2019 11:27

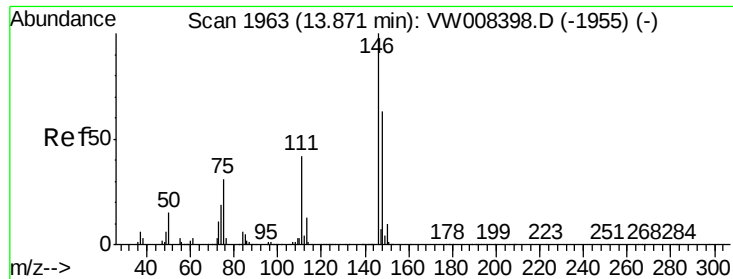
Tgt Ion: 117 Resp: 106334

Ion Ratio Lower Upper

117 100

201 82.1 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 19.379 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

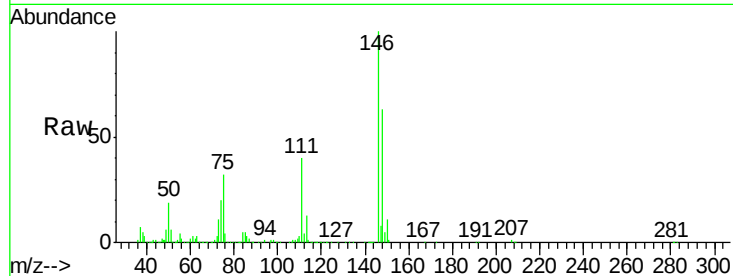
Tot Ion:146 Resp: 242303

Ion Ratio Lower Upper

146 100

111 40.6 21.1 63.3

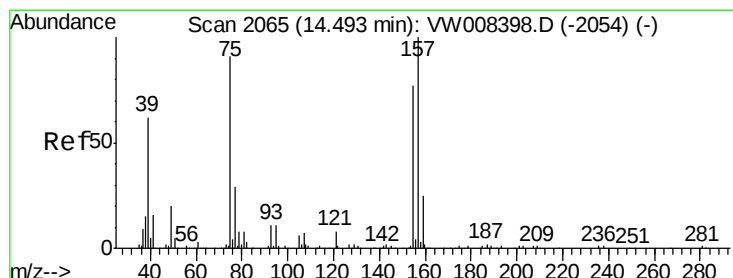
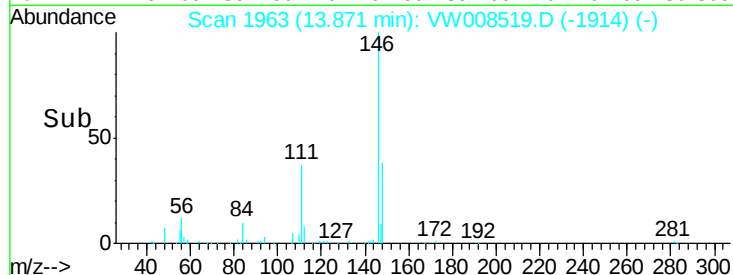
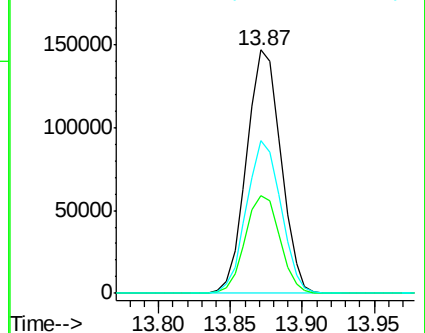
148 63.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.480 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

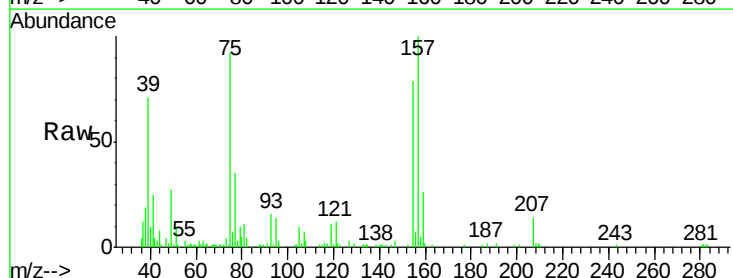
Tgt Ion: 75 Resp: 16824

Ion Ratio Lower Upper

75 100

155 86.3 42.7 128.1

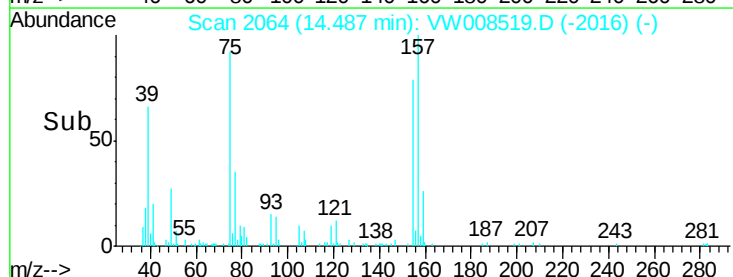
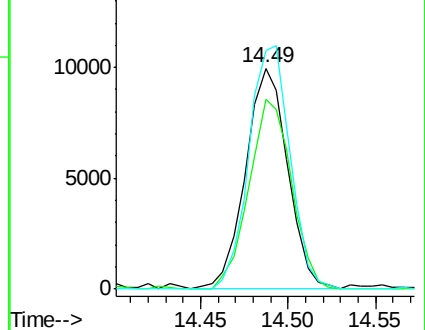
157 107.8 55.5 166.3

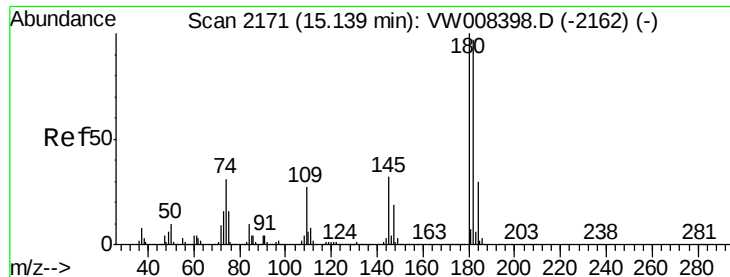


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

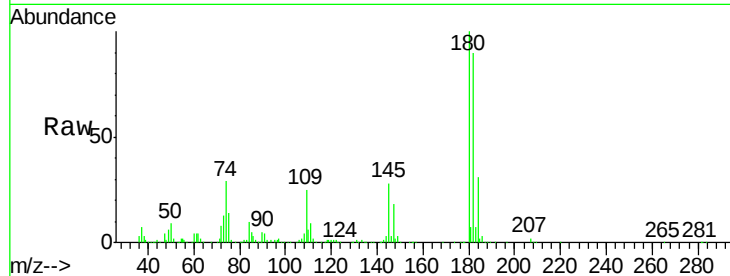




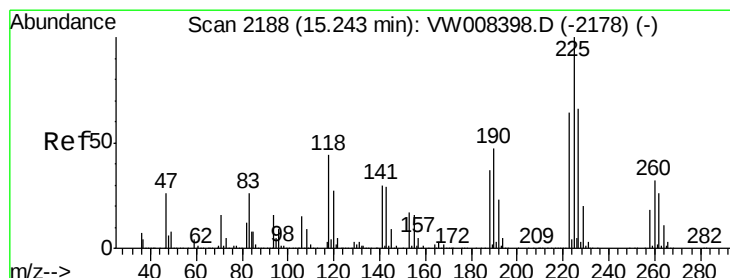
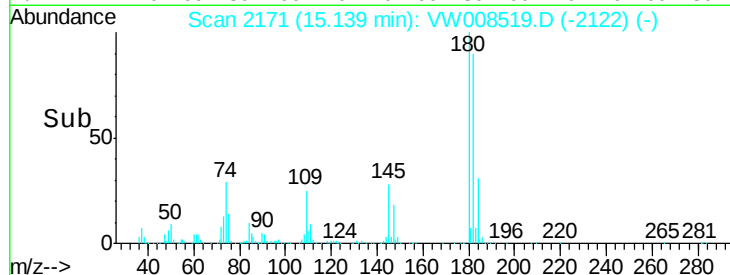
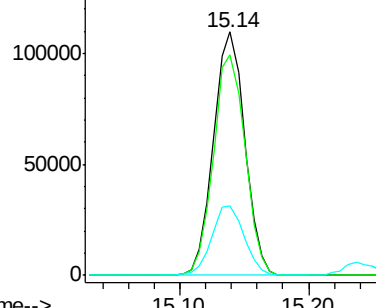
#93
 1,2,4-Trichlorobenzene
 Concen: 20.572 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.9	143.7
145	29.6	15.5	46.5

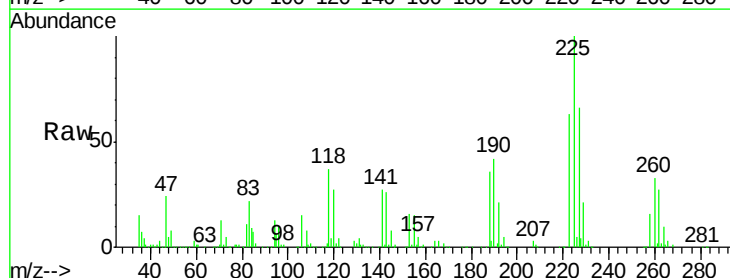


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

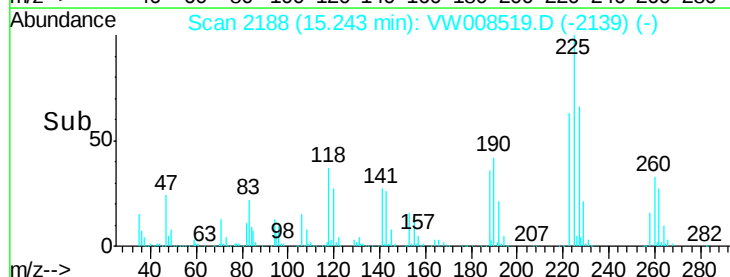
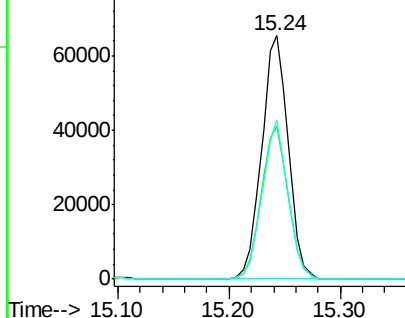


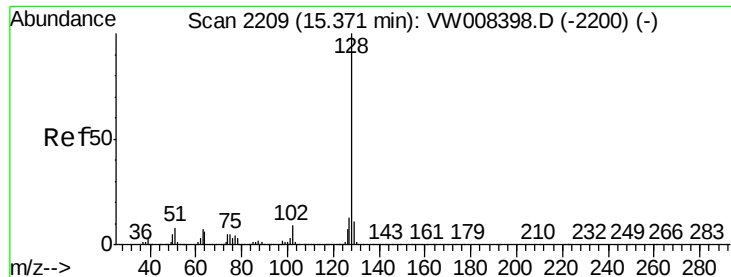
#94
 Hexachlorobutadiene
 Concen: 20.283 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008519.D
 Acq: 06 Feb 2019 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.7	95.1
227	63.4	32.1	96.3



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





#95

Naphthalene

Concen: 19.329 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

Instrument :

MSVOA_W

ClientSampleId :

VW0206SBS01

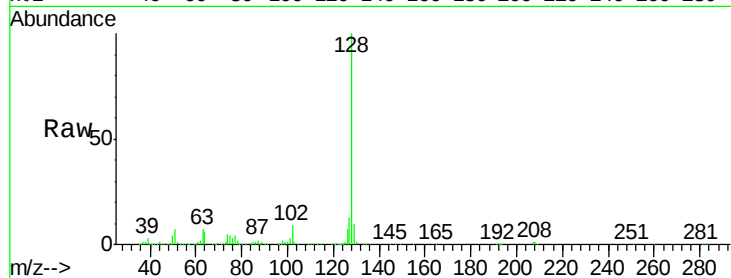
Tot Ion:128 Resp: 302825

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

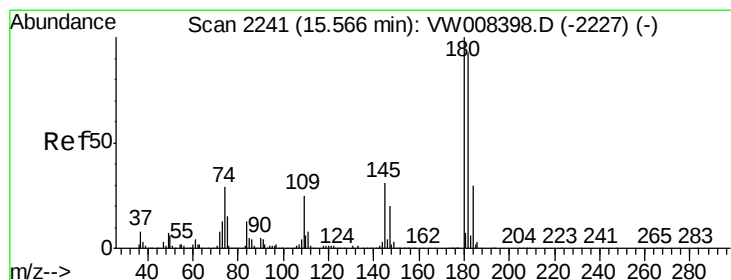
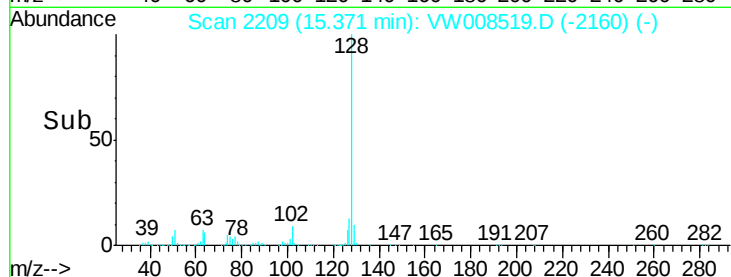
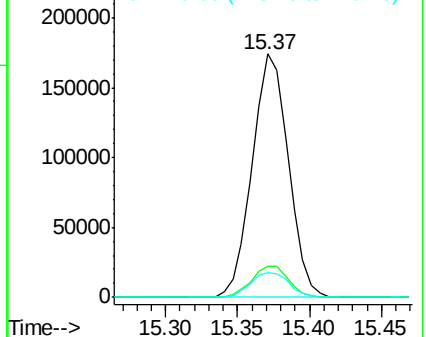
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.900 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008519.D

Acq: 06 Feb 2019 11:27

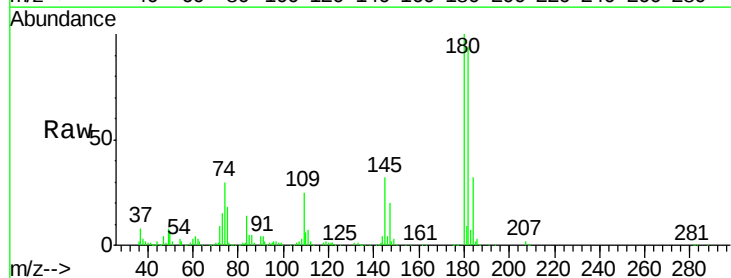
Tgt Ion:180 Resp: 150619

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 31.9 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

