

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008770.D
 Acq On : 21 Feb 2019 15:21
 Operator : SY/VA
 Sample : VW0221SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBL01

Quant Time: Feb 22 00:58:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	391278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	583644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	512021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	241796	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	200619	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
35) Dibromofluoromethane	7.88	113	169862	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.32	98	696490	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	235117	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	1217	0.311	ug/l	76
3) Chloromethane	2.23	50	521	0.109	ug/l	93
4) Vinyl Chloride	2.37	62	151	0.030	ug/l #	84
5) Bromomethane	2.76	94	396	0.106	ug/l #	61
6) Chloroethane	2.90	64	127	0.035	ug/l #	43
7) Trichlorofluoromethane	3.26	101	190	0.030	ug/l #	65
8) Diethyl Ether	3.68	74	182	0.090	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	4.13	101	46	0.012	ug/l #	1
10) Methyl Iodide	4.28	142	638	0.132	ug/l #	91
12) 1,1-Dichloroethene	4.08	96	73	0.021	ug/l #	1
14) Allyl chloride	4.70	41	363	0.061	ug/l #	6
15) Acrylonitrile	5.37	53	337	0.388	ug/l #	55
17) Carbon Disulfide	4.36	76	297	0.026	ug/l #	73
18) Methyl Acetate	4.68	43	478	0.237	ug/l #	51
19) Methyl tert-butyl Ether	5.42	73	308	0.033	ug/l #	1
21) trans-1,2-Dichloroethene	5.43	96	227	0.057	ug/l #	13
22) Diisopropyl ether	6.30	45	62	0.005	ug/l #	35
23) Vinyl Acetate	6.24	43	213	0.029	ug/l #	1
24) 1,1-Dichloroethane	6.21	63	54	0.008	ug/l #	82
25) 2-Butanone	7.13	43	347	0.292	ug/l #	82
26) 2,2-Dichloropropane	7.13	77	917	0.148	ug/l #	60
27) cis-1,2-Dichloroethene	7.16	96	157	0.037	ug/l #	1
28) Bromochloromethane	7.50	49	44	0.015	ug/l #	13
29) Tetrahydrofuran	7.54	42	206	0.272	ug/l #	33
30) Chloroform	7.68	83	222	0.032	ug/l #	47
32) 1,1,1-Trichloroethane	7.85	97	51	0.008	ug/l #	24
37) Ethyl Acetate	7.24	43	175	0.066	ug/l #	24
39) Methylcyclohexane	9.33	83	345	0.049	ug/l #	90
40) Benzene	8.33	78	868	0.056	ug/l	91
41) Methacrylonitrile	7.47	41	439	0.283	ug/l #	46
42) 1,2-Dichloroethane	8.41	62	739	0.150	ug/l #	74
43) Isopropyl Acetate	8.43	43	202	0.038	ug/l #	52
44) Trichloroethene	9.09	130	132	0.030	ug/l	79
45) 1,2-Dichloropropane	9.38	63	71	0.019	ug/l #	52

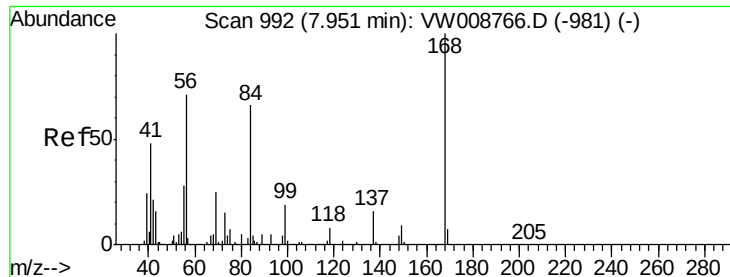
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008770.D
 Acq On : 21 Feb 2019 15:21
 Operator : SY/VA
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.45	93	149	0.070	ug/l #	10
47) Bromodichloromethane	9.64	83	125	0.024	ug/l #	24
48) Methyl methacrylate	9.43	41	183	0.072	ug/l #	53
49) 1,4-Dioxane	9.41	88	20	0.586	ug/l #	25
51) 4-Methyl-2-Pentanone	10.21	43	2172	0.811	ug/l	96
52) Toluene	10.38	92	602	0.057	ug/l #	24
53) t-1,3-Dichloropropene	10.61	75	293	0.055	ug/l #	42
54) cis-1,3-Dichloropropene	10.05	75	210	0.035	ug/l #	67
55) 1,1,2-Trichloroethane	10.80	97	280	0.097	ug/l #	31
56) Ethyl methacrylate	10.69	69	232	0.062	ug/l #	1
57) 1,3-Dichloropropane	10.92	76	215	0.042	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	45	0.024	ug/l #	45
59) 2-Hexanone	11.06	43	258	0.135	ug/l	67
60) Dibromochloromethane	11.12	129	46	0.013	ug/l #	1
61) 1,2-Dibromoethane	11.21	107	174	0.061	ug/l #	58
64) Tetrachloroethene	10.86	164	243	0.066	ug/l #	54
65) Chlorobenzene	11.65	112	1019	0.095	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.73	131	58	0.016	ug/l #	1
67) Ethyl Benzene	11.73	91	1327	0.069	ug/l #	79
68) m/p-Xylenes	11.85	106	977	0.127	ug/l	97
69) o-Xylene	12.17	106	489	0.068	ug/l	76
70) Styrene	12.17	104	980	0.084	ug/l #	90
71) Bromoform	12.35	173	67	0.034	ug/l #	29
73) Isopropylbenzene	12.47	105	1030	0.062	ug/l	93
74) N-amyl acetate	12.28	43	413	0.099	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	289	0.107	ug/l #	36
77) Bromobenzene	12.76	156	628	0.160	ug/l	59
78) n-propylbenzene	12.81	91	1671	0.082	ug/l	91
79) 2-Chlorotoluene	12.89	91	1204	0.105	ug/l	78
80) 1,3,5-Trimethylbenzene	12.94	105	1081	0.075	ug/l	87
82) 4-Chlorotoluene	12.99	91	1827	0.151	ug/l	95
83) tert-Butylbenzene	13.21	119	945	0.076	ug/l	84
84) 1,2,4-Trimethylbenzene	13.25	105	1937	0.130	ug/l	92
85) sec-Butylbenzene	13.38	105	1463	0.082	ug/l	81
86) p-Isopropyltoluene	13.51	119	1436	0.087	ug/l	92
87) 1,3-Dichlorobenzene	13.51	146	1840	0.226	ug/l	96
88) 1,4-Dichlorobenzene	13.51	146	1840	0.230	ug/l	96
89) n-Butylbenzene	13.82	91	2180	0.142	ug/l	94
90) Hexachloroethane	13.90	117	55	0.020	ug/l	60
91) 1,2-Dichlorobenzene	13.88	146	1746	0.241	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	226	0.461	ug/l	80
93) 1,2,4-Trichlorobenzene	15.15	180	2462	0.472	ug/l	94
94) Hexachlorobutadiene	15.24	225	902	0.293	ug/l	82
95) Naphthalene	15.38	128	4807	0.541	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	2462	0.546	ug/l	98

(#) = 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. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

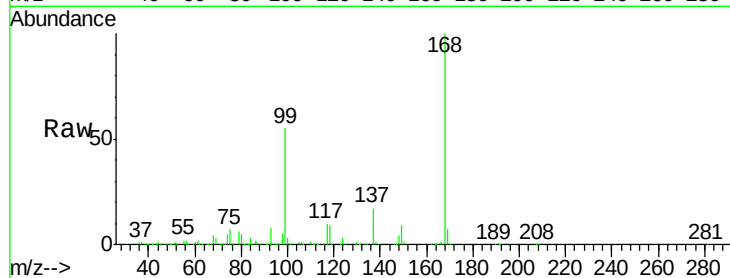
VW0221SBL01

Tot Ion:168 Resp: 391278

Ion Ratio Lower Upper

168 100

99 54.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

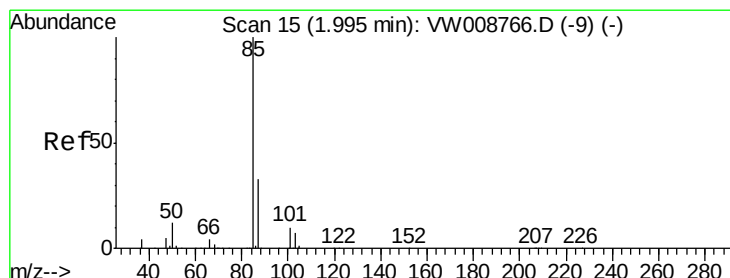
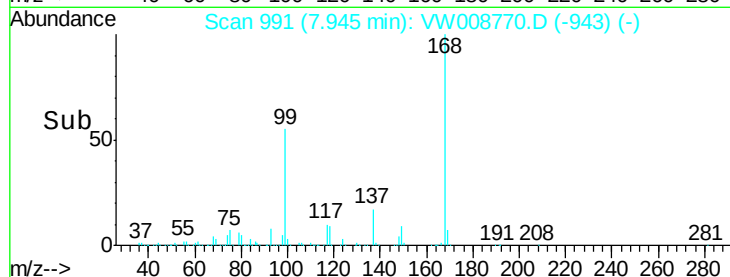
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 0.311 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008770.D

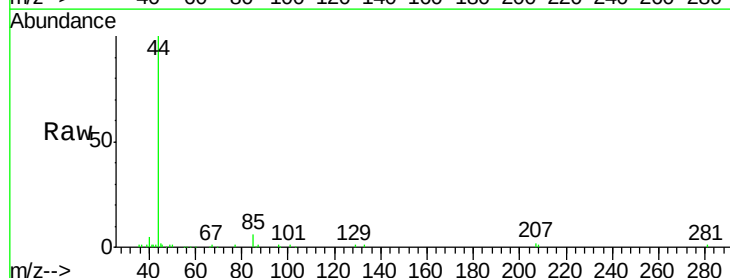
Acq: 21 Feb 2019 15:21

Tgt Ion: 85 Resp: 1217

Ion Ratio Lower Upper

85 100

87 19.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

1000

800

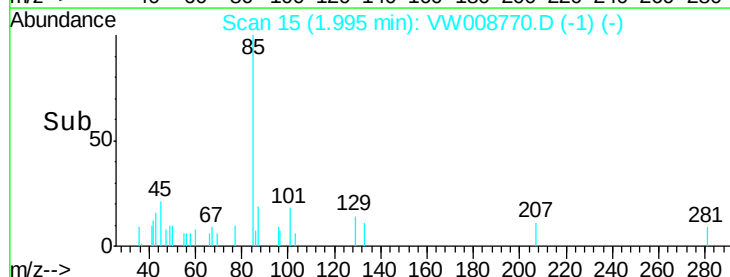
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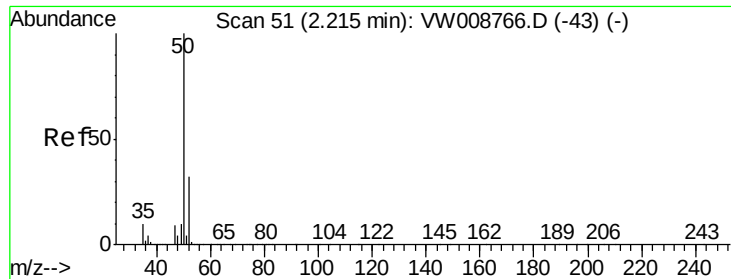
400

200

0

Time--> 1.95 2.00





#3

Chloromethane

Concen: 0.109 ug/l

RT: 2.23 min Scan# 54

Delta R.T. 0.02 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

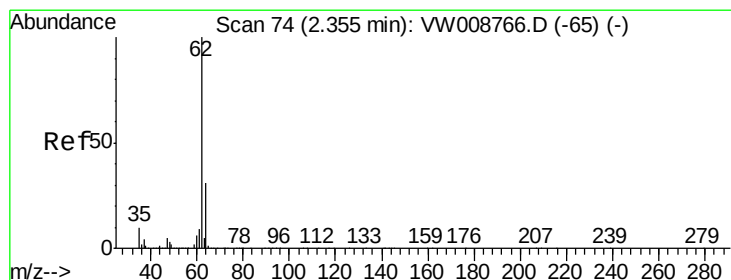
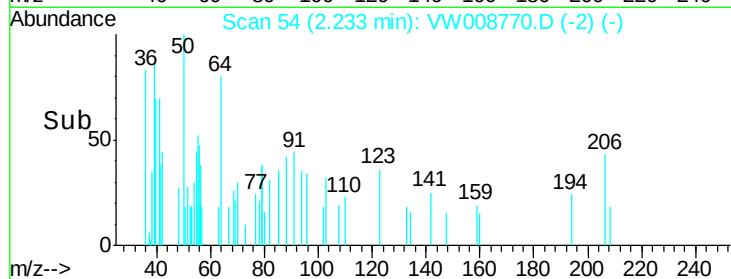
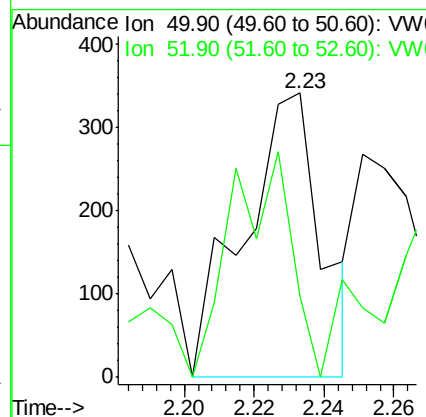
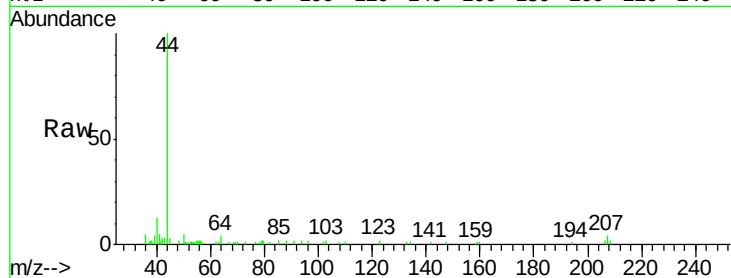
VW0221SBL01

Tot Ion: 50 Resp: 521

Ion Ratio Lower Upper

50 100

52 28.4 25.9 38.9



#4

Vinyl Chloride

Concen: 0.030 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW008770.D

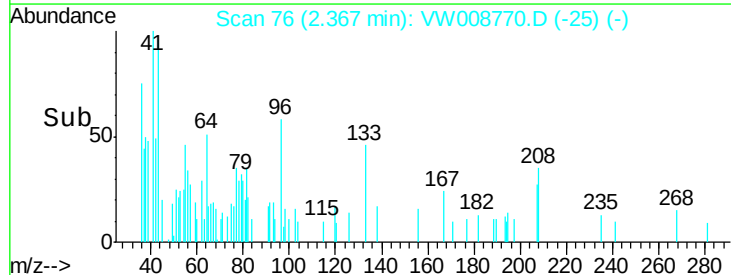
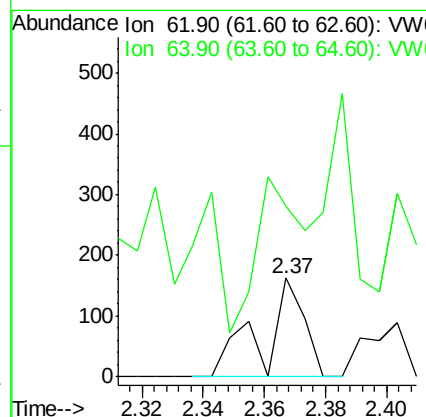
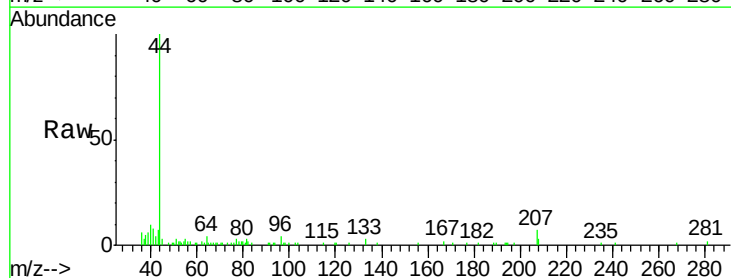
Acq: 21 Feb 2019 15:21

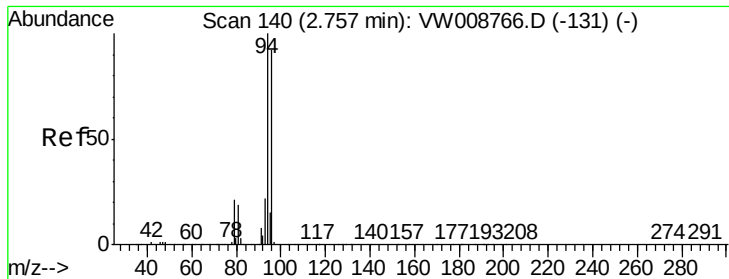
Tgt Ion: 62 Resp: 151

Ion Ratio Lower Upper

62 100

64 40.1 24.9 37.3#





#5

Bromomethane

Concen: 0.106 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

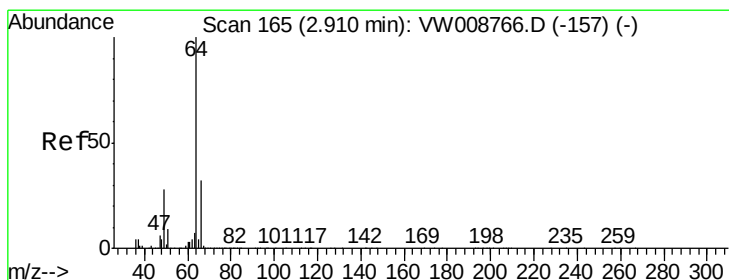
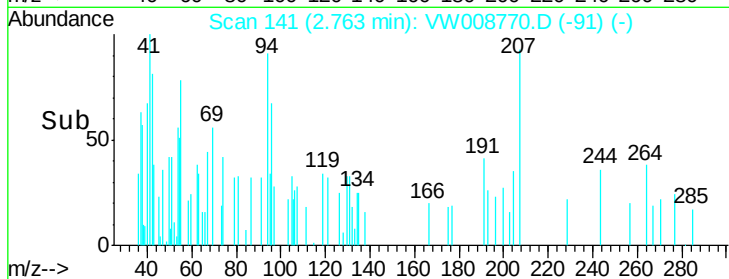
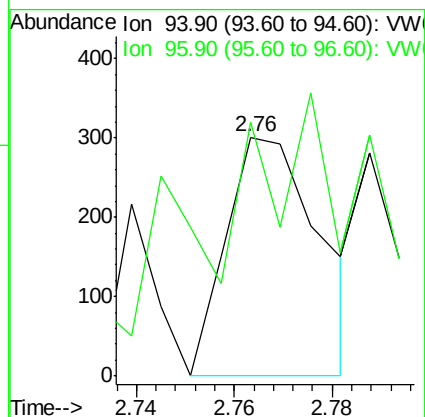
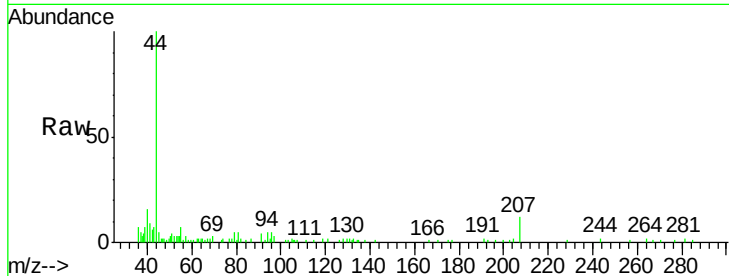
VW0221SBL01

Tot Ion: 94 Resp: 396

Ion Ratio Lower Upper

94 100

96 54.5 73.4 110.2#



#6

Chloroethane

Concen: 0.035 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW008770.D

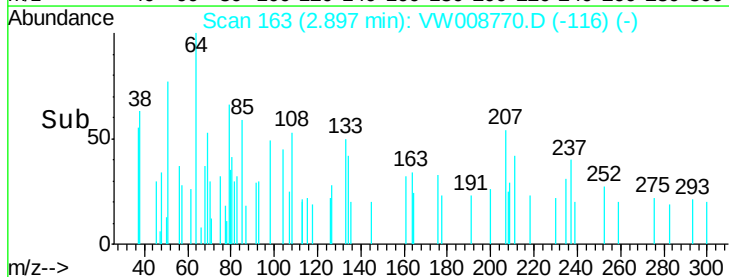
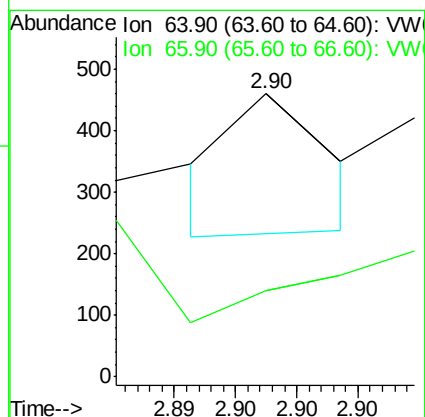
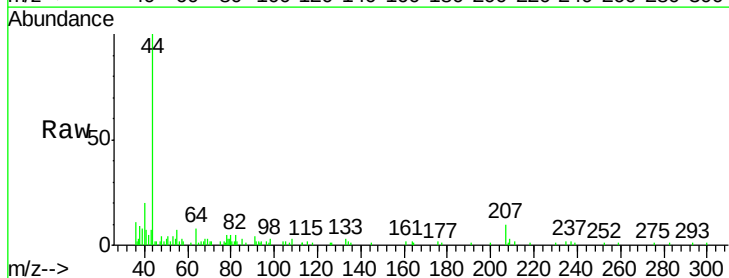
Acq: 21 Feb 2019 15:21

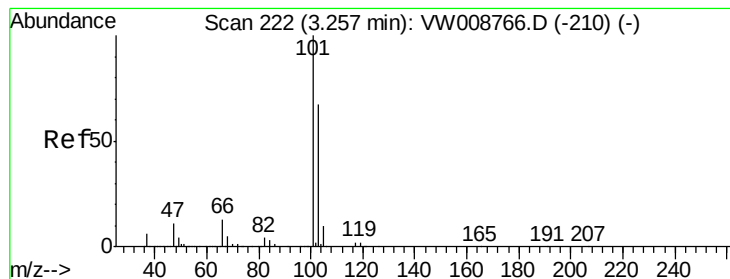
Tgt Ion: 64 Resp: 127

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



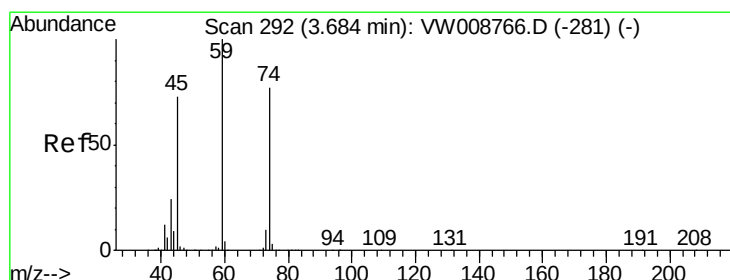
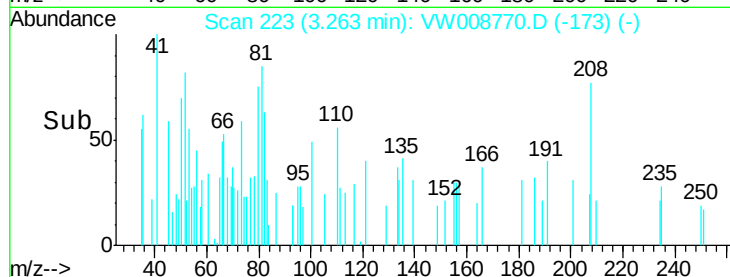
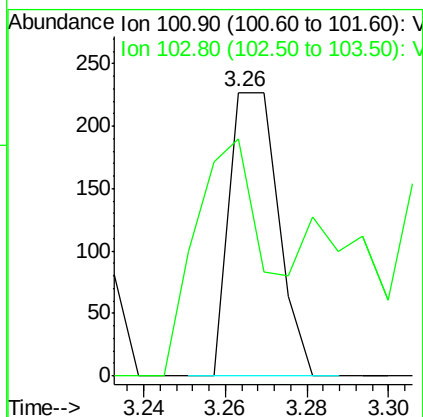
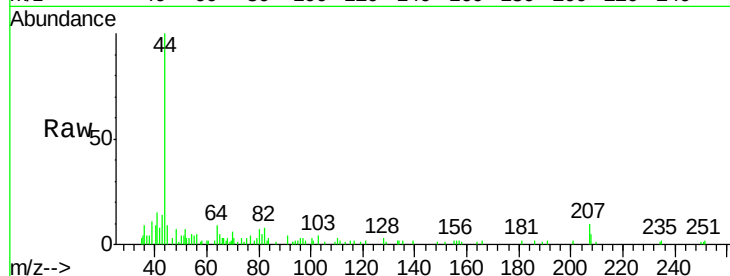


#7

Trichlorofluoromethane
Concen: 0.030 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

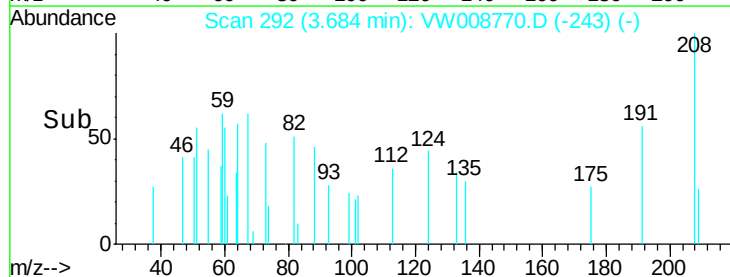
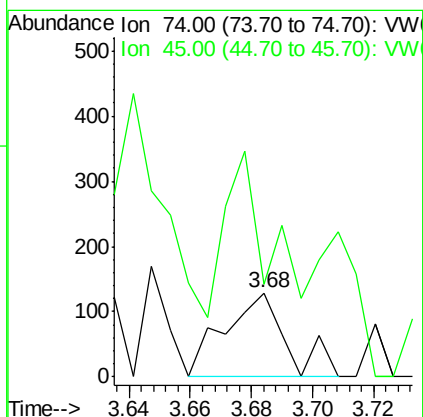
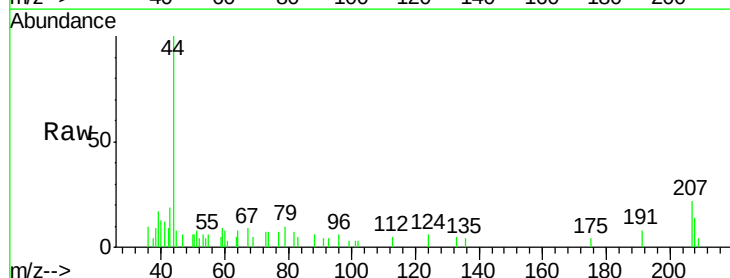
Tot Ion:101 Resp: 190
Ion Ratio Lower Upper
101 100
103 39.6 53.9 80.9#

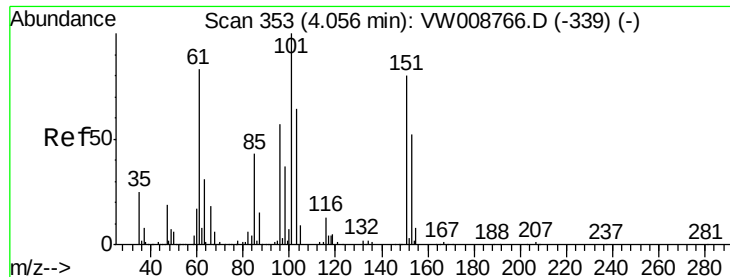


#8

Diethyl Ether
Concen: 0.090 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion: 74 Resp: 182
Ion Ratio Lower Upper
74 100
45 129.7 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.012 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.07 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

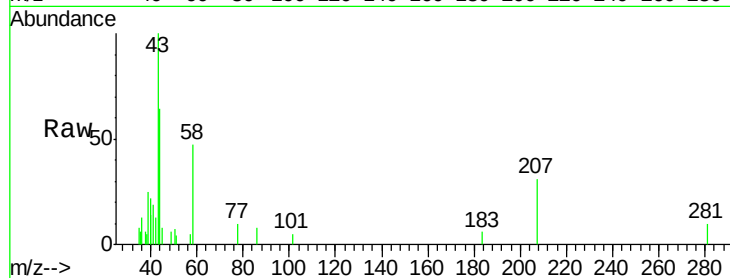
Instrument :

MSVOA_W

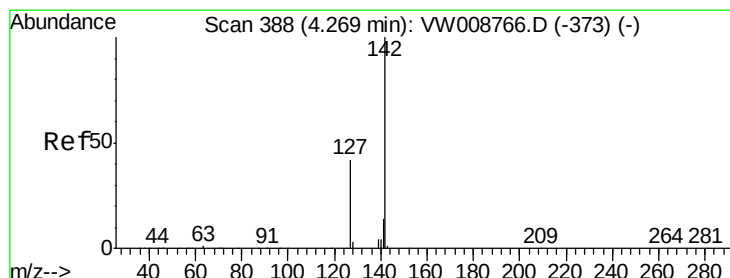
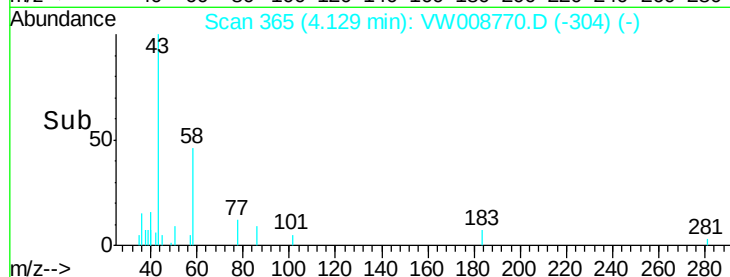
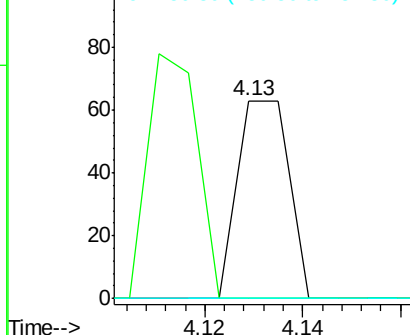
ClientSampleId :

VW0221SBL01

Tot Ion:101	Resp:	46
Ion Ratio	Lower	Upper
101	100	
85	119.6	36.0 54.0#
151	0.0	65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.132 ug/l

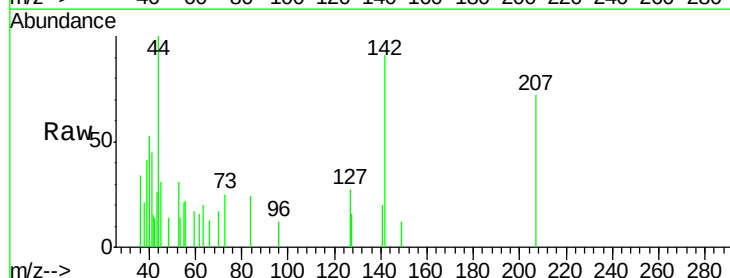
RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

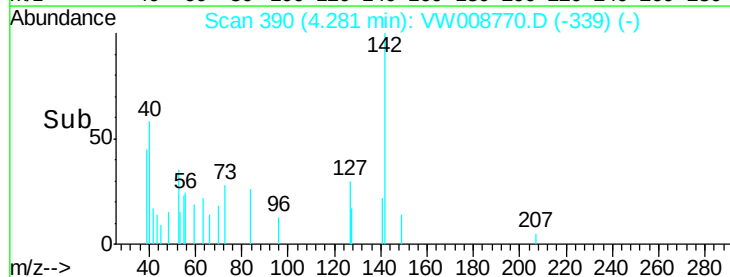
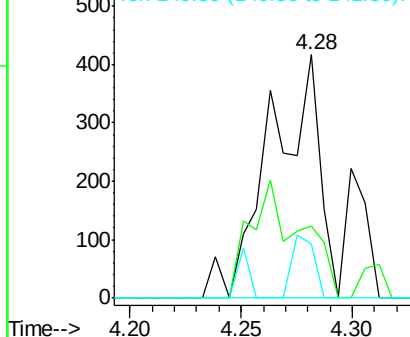
Lab File: VW008770.D

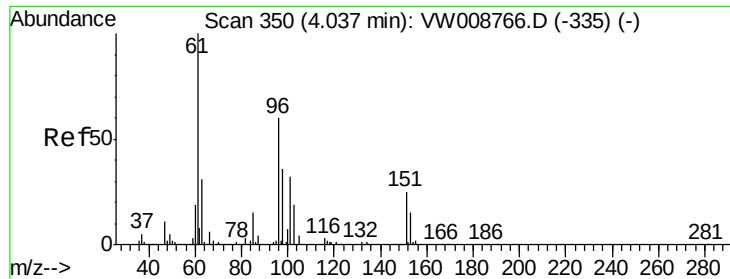
Acq: 21 Feb 2019 15:21

Tgt Ion:142	Resp:	638
Ion Ratio	Lower	Upper
142	100	
127	50.5	35.3 52.9
141	11.4	11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#12

1,1-Dichloroethene

Concen: 0.021 ug/l

RT: 4.08 min Scan# 357

Delta R.T. 0.04 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

VW0221SBL01

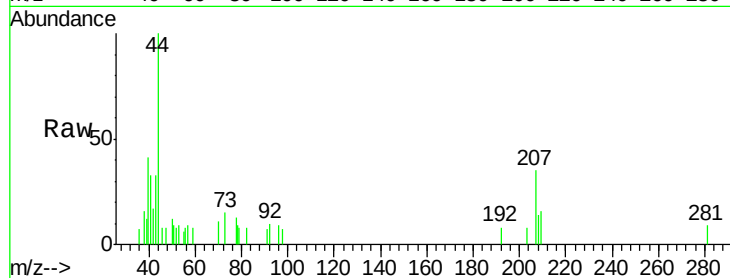
Tot Ion: 96 Resp: 73

Ion Ratio Lower Upper

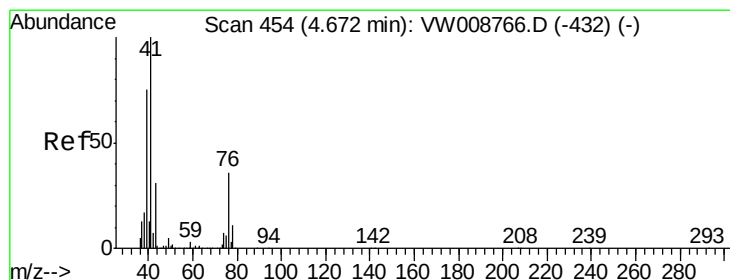
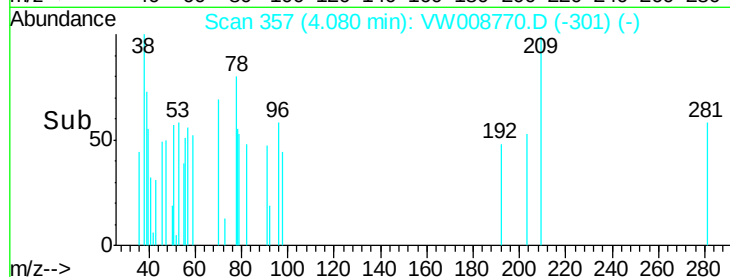
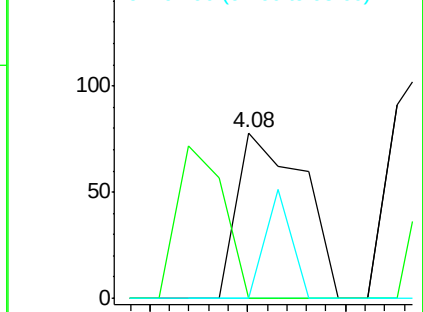
96 100

61 0.0 132.5 198.7#

98 0.0 48.2 72.4#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#14

Allyl chloride

Concen: 0.061 ug/l

RT: 4.70 min Scan# 458

Delta R.T. 0.02 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

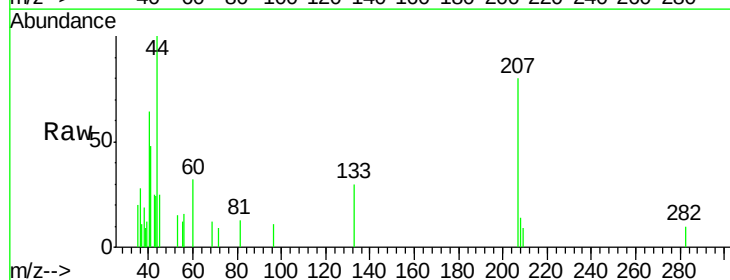
Tgt Ion: 41 Resp: 363

Ion Ratio Lower Upper

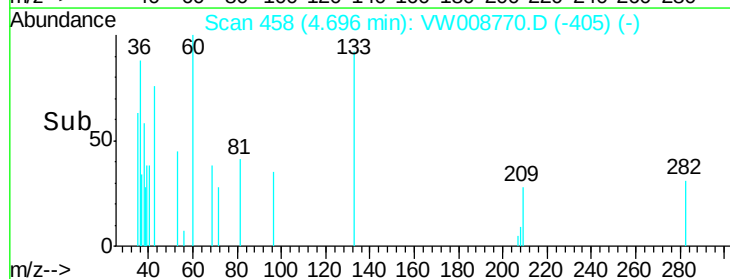
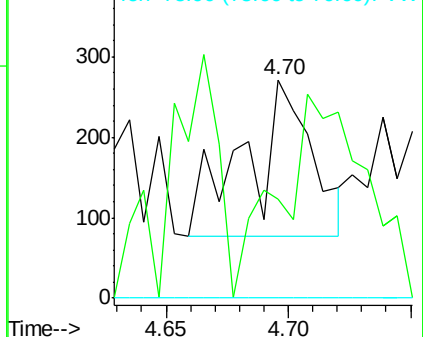
41 100

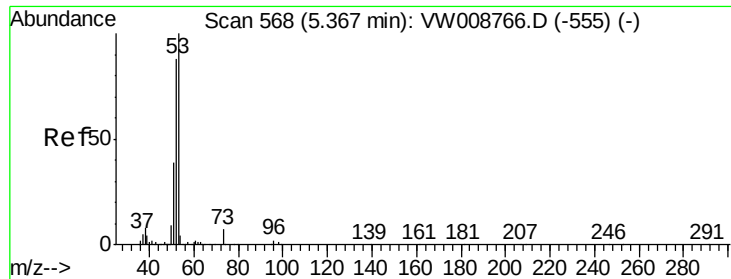
39 169.7 60.6 91.0#

76 0.0 28.6 42.8#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 0.388 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

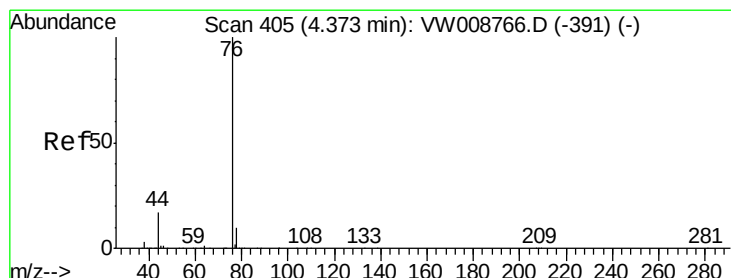
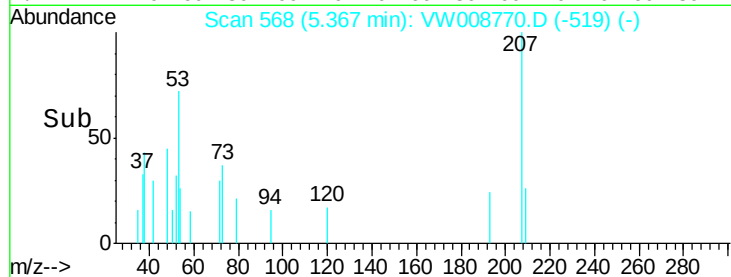
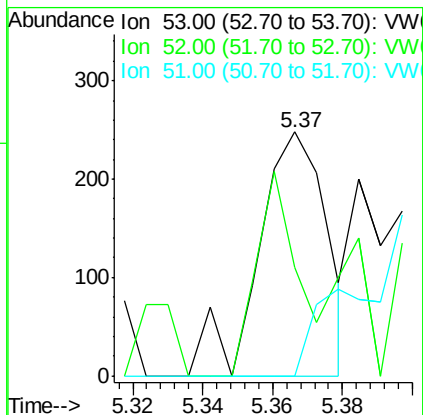
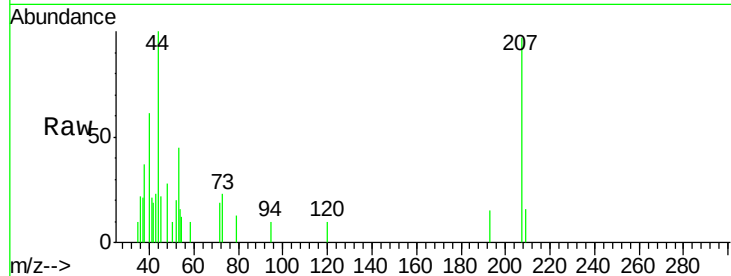
Tot Ion: 53 Resp: 337

Ion Ratio Lower Upper

53 100

52 50.7 67.2 100.8#

51 0.0 31.1 46.7#



#17

Carbon Disulfide

Concen: 0.026 ug/l

RT: 4.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW008770.D

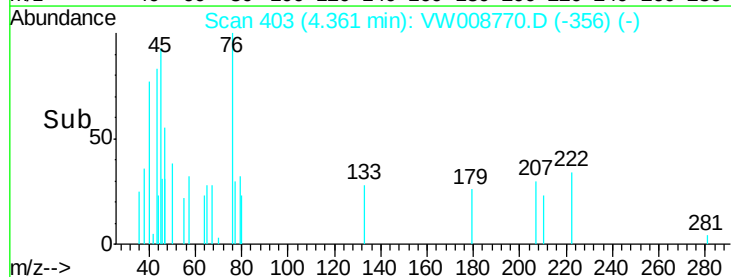
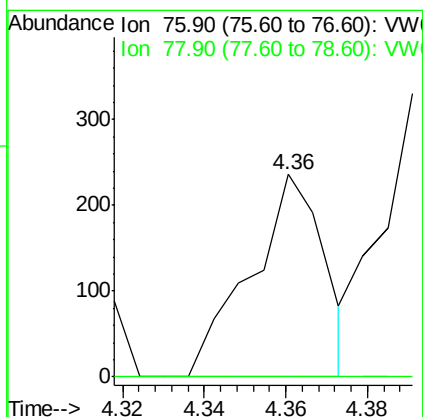
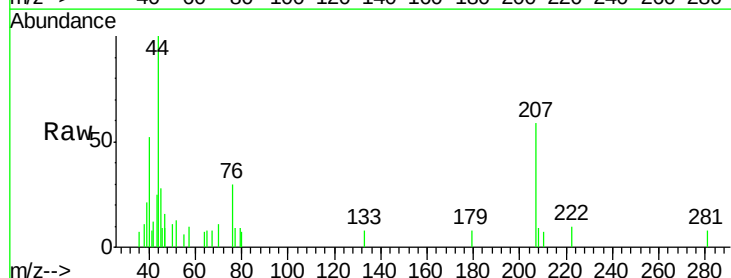
Acq: 21 Feb 2019 15:21

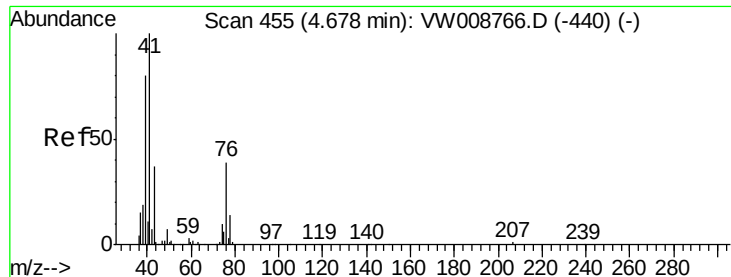
Tgt Ion: 76 Resp: 297

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.8#

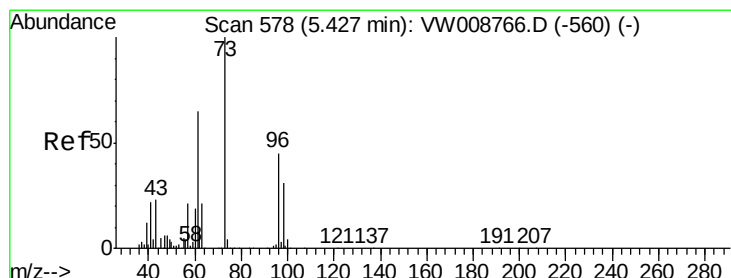
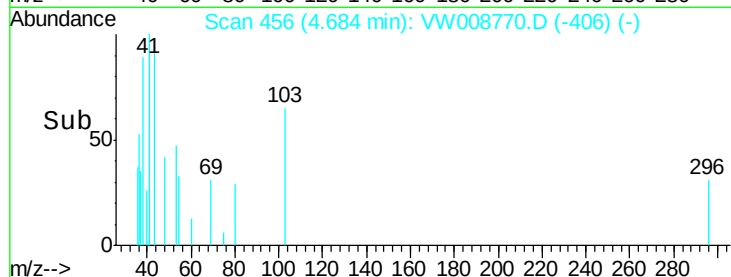
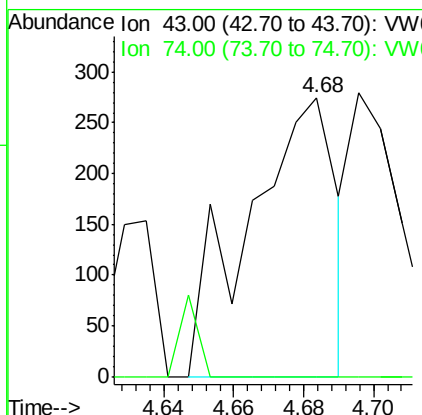
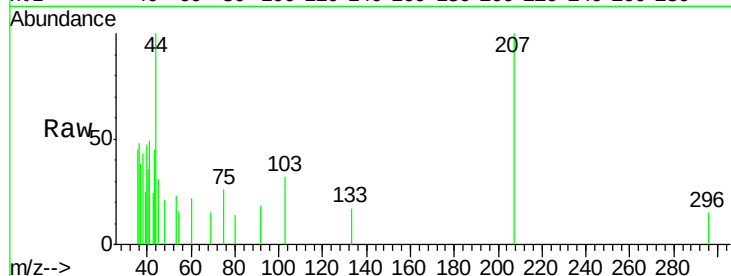




#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

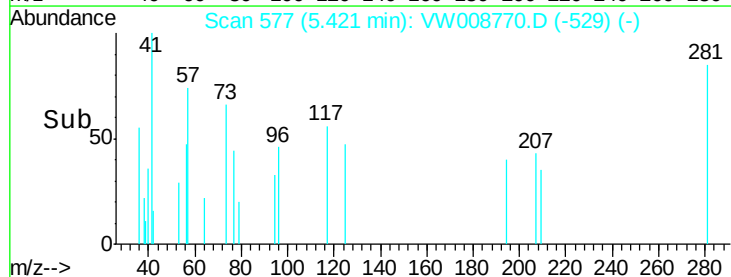
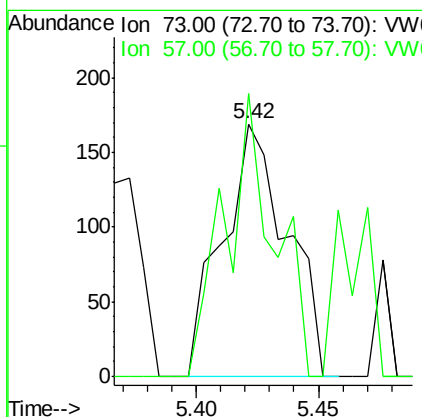
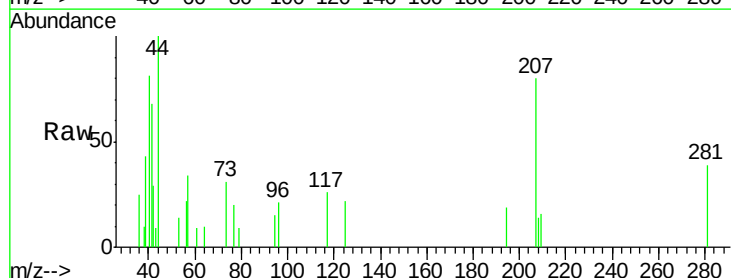
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

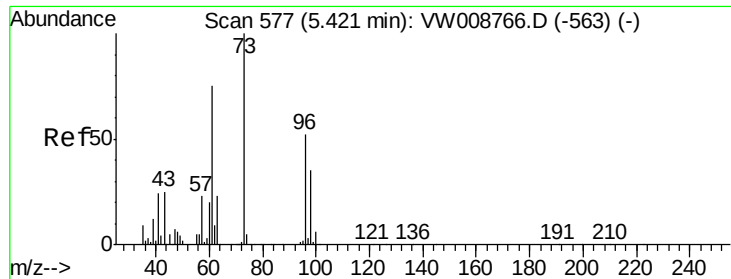
Tot Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 0.033 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion: 73 Resp: 308
Ion Ratio Lower Upper
73 100
57 111.8 16.8 25.2#





#21

trans-1,2-Dichloroethene

Concen: 0.057 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

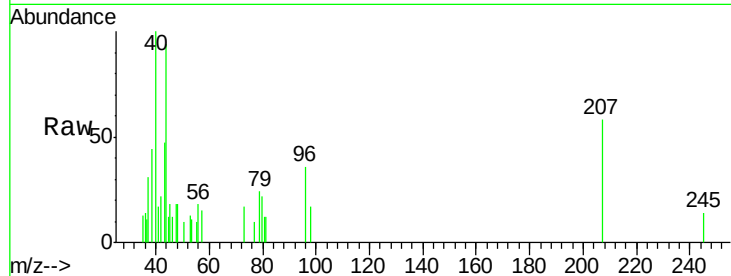
Tot Ion: 96 Resp: 227

Ion Ratio Lower Upper

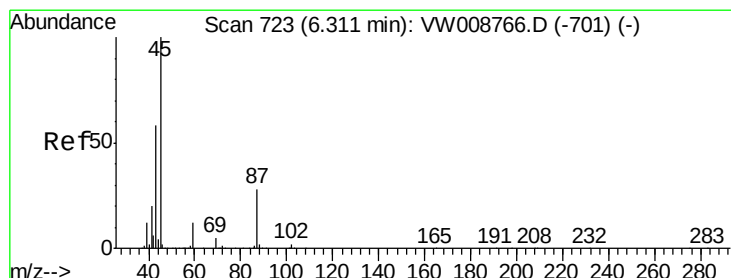
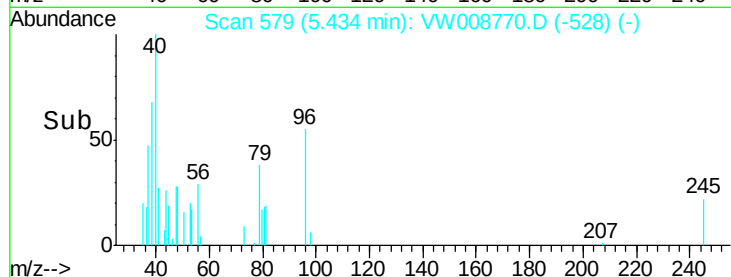
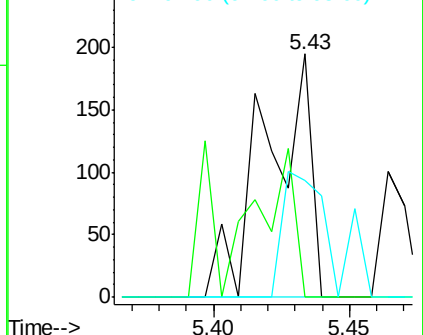
96 100

61 0.0 114.6 171.8#

98 48.2 54.0 81.0#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 0.005 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Tgt Ion: 45 Resp: 62

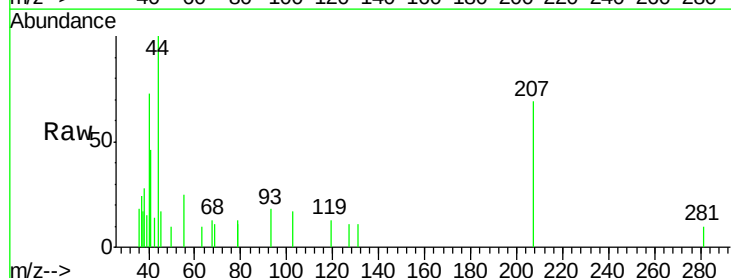
Ion Ratio Lower Upper

45 100

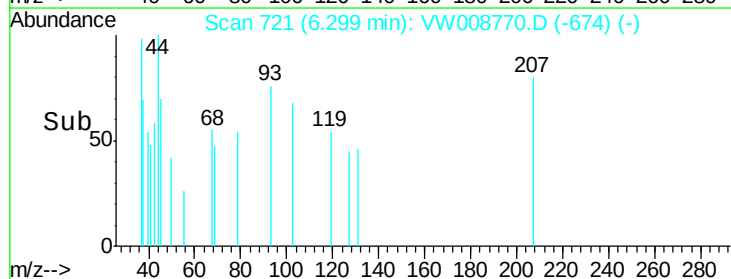
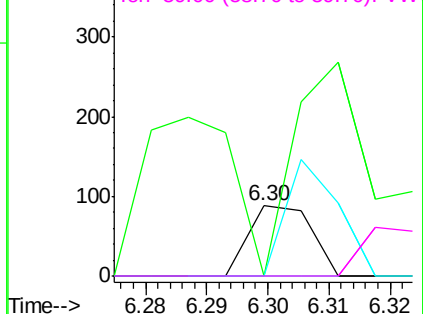
43 0.0 46.1 69.1#

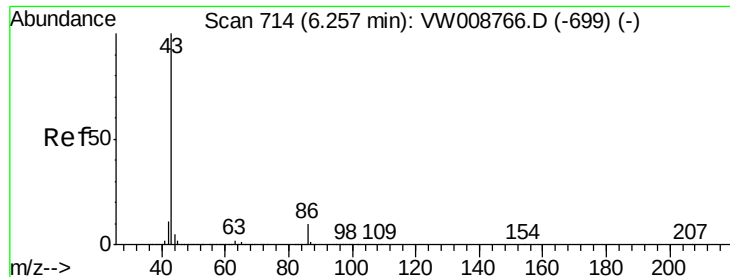
87 0.0 22.2 33.4#

59 0.0 10.0 15.0#



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

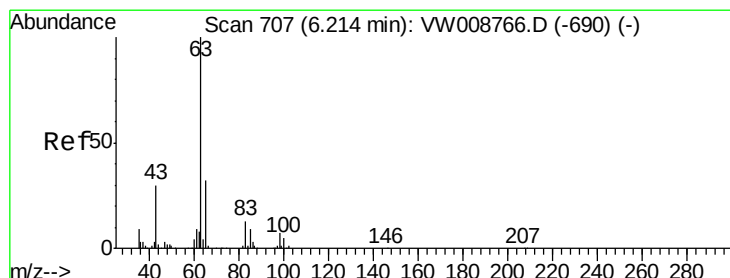
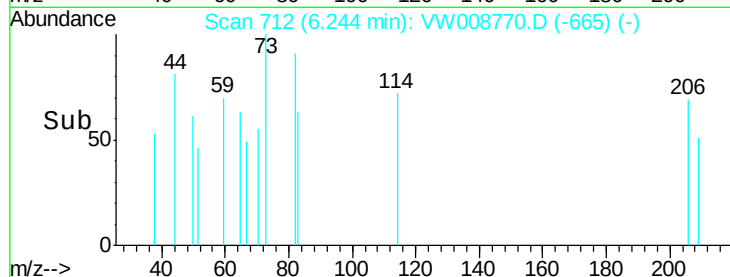
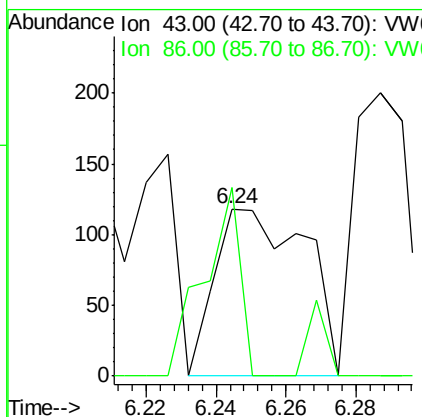
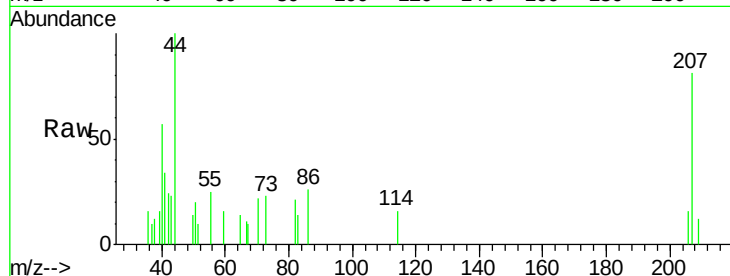




#23
 Vinyl Acetate
 Concen: 0.029 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

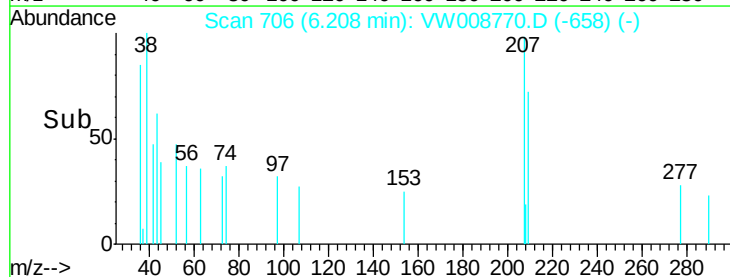
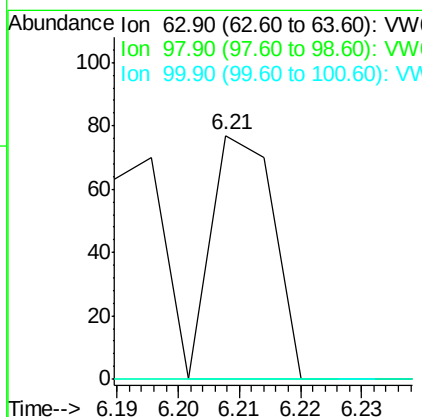
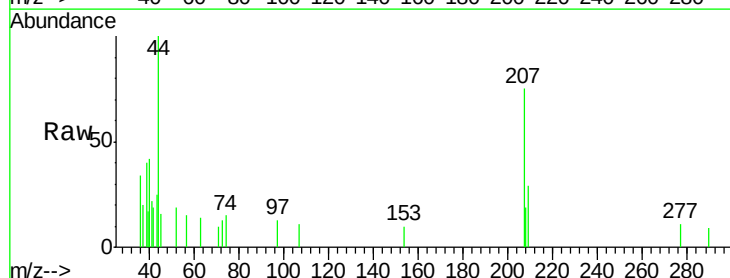
Instrument :
 MSVOA_W
 ClientSampled :
 VW0221SBL01

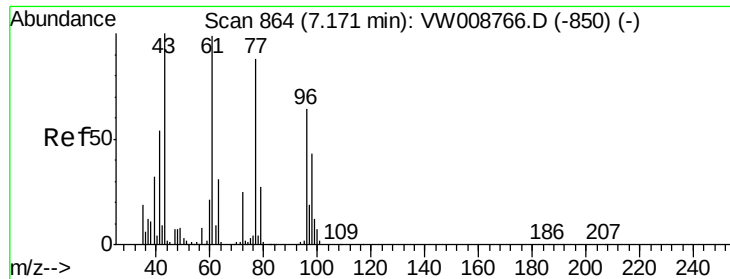
Tot Ion: 43 Resp: 213
 Ion Ratio Lower Upper
 43 100
 86 112.7 8.1 12.1#



#24
 1,1-Dichloroethane
 Concen: 0.008 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Tgt Ion: 63 Resp: 54
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.6#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 0.292 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

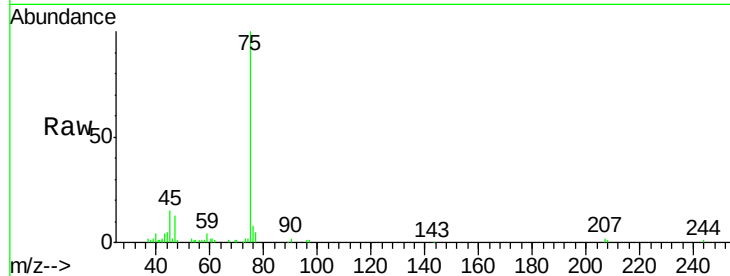
VW0221SBL01

Tot Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

72 15.5 19.7 29.5#



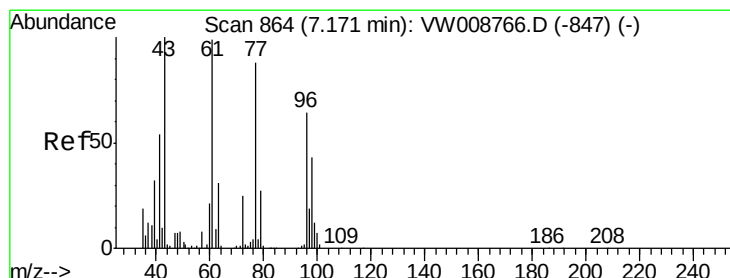
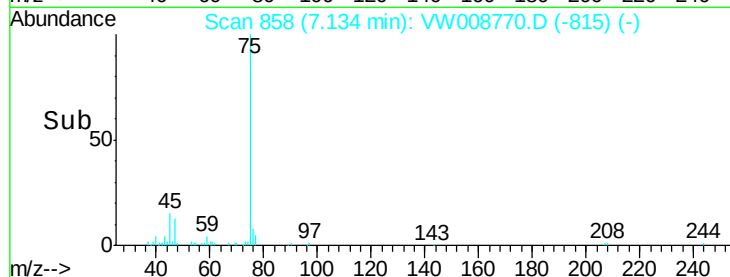
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.13

7.14

Time-->



#26

2,2-Dichloropropane

Concen: 0.148 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW008770.D

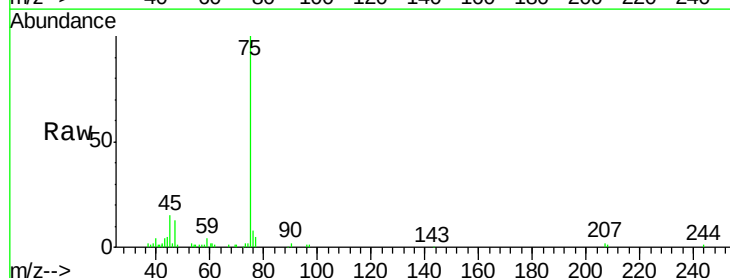
Acq: 21 Feb 2019 15:21

Tgt Ion: 77 Resp: 917

Ion Ratio Lower Upper

77 100

97 2.8 11.0 33.0#



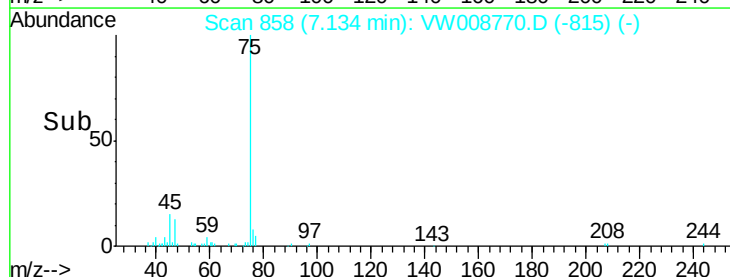
Abundance Ion 76.90 (76.60 to 77.60): VW

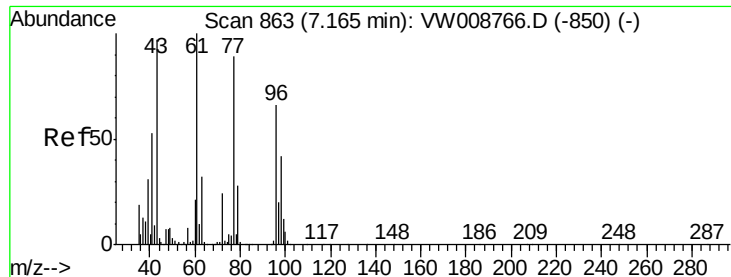
Ion 96.90 (96.60 to 97.60): VW

7.13

7.15

Time-->



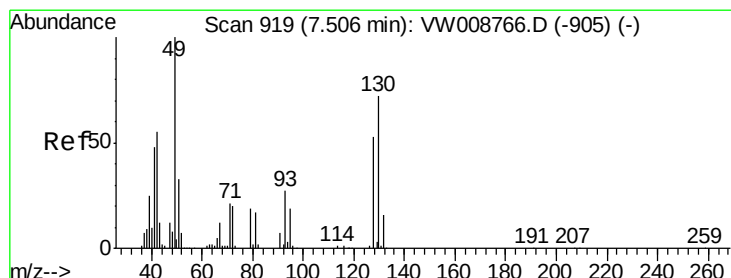
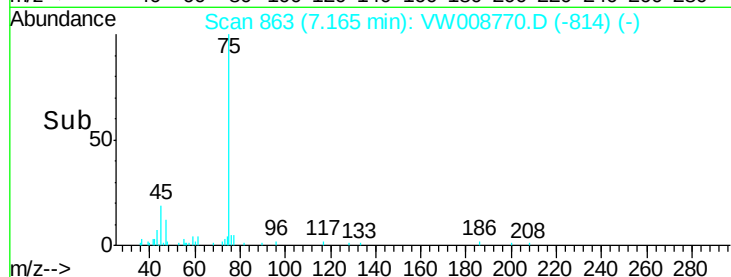
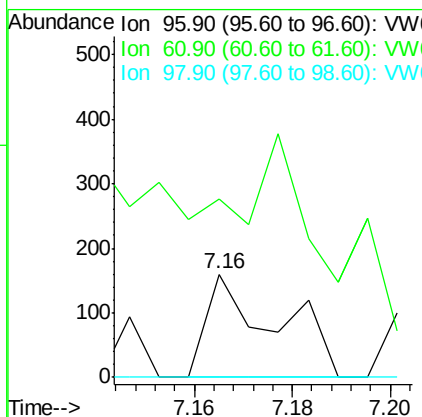
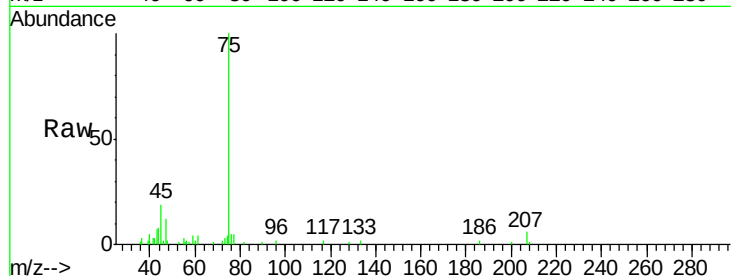


#27

cis-1,2-Dichloroethene
 Concen: 0.037 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBL01

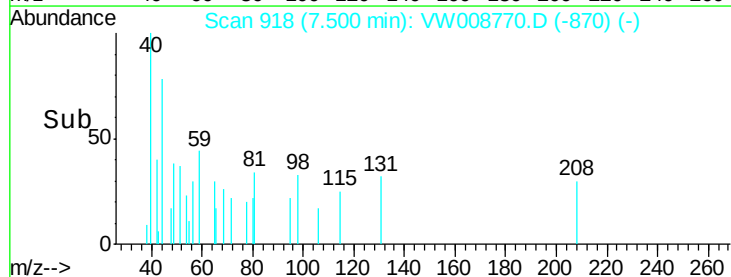
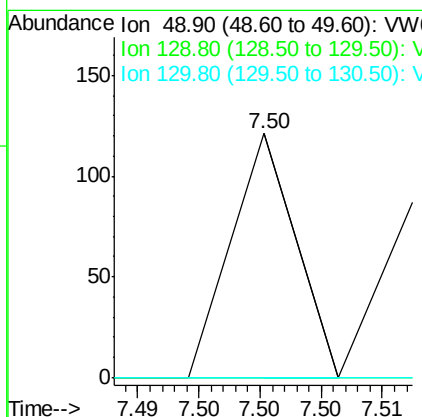
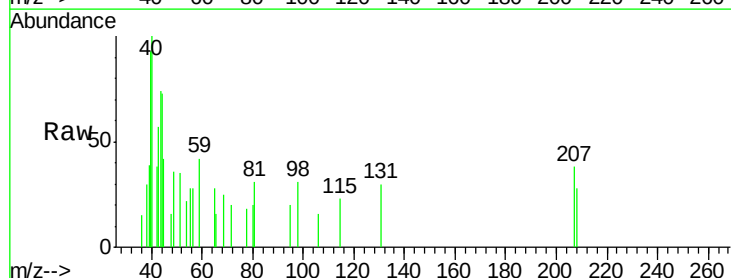
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	302.6
98	0.0	0.0	130.0

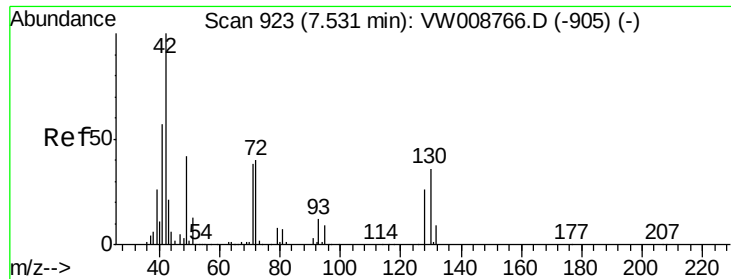


#28

Bromochloromethane
 Concen: 0.015 ug/l
 RT: 7.50 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.6
130	0.0	61.3	91.9#

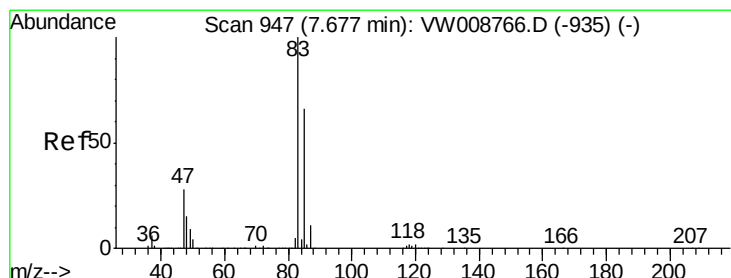
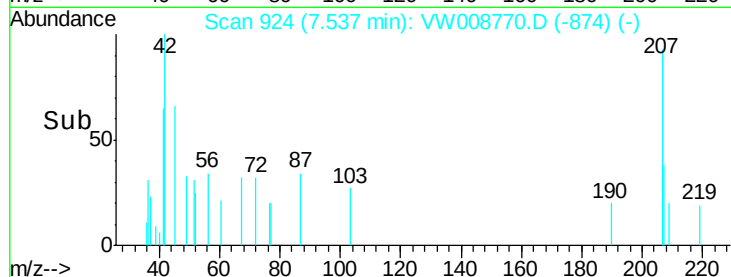
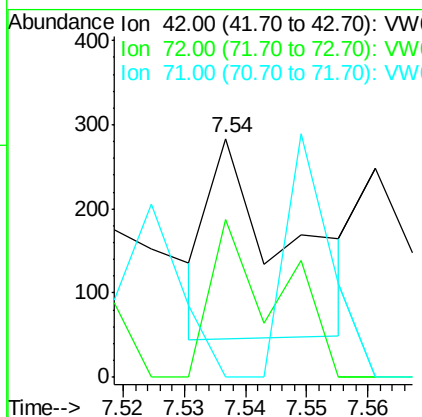
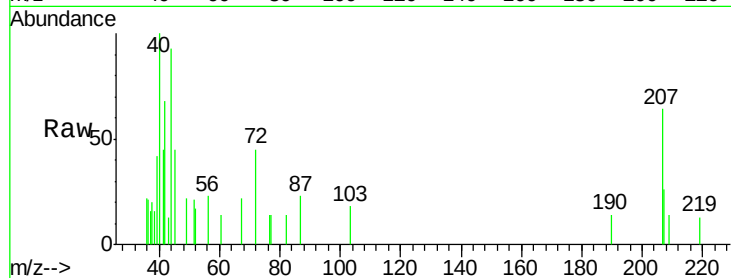




#29
Tetrahydrofuran
Concen: 0.272 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

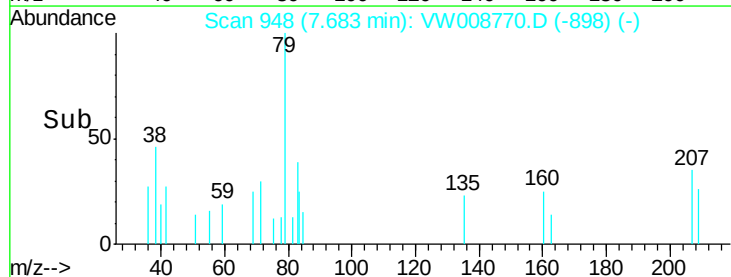
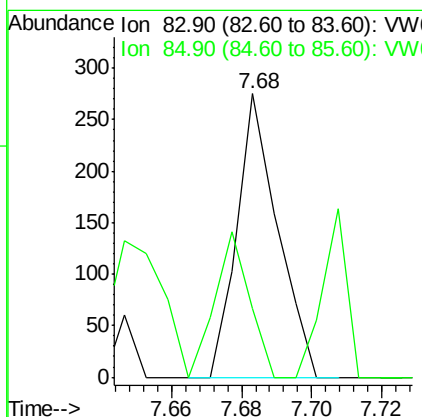
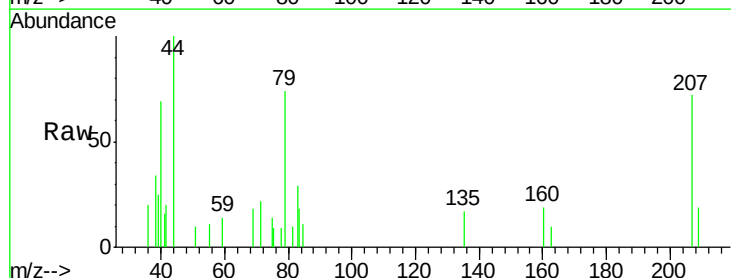
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

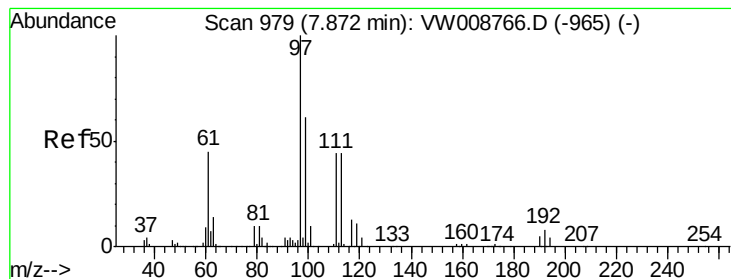
Tot Ion: 42 Resp: 206
Ion Ratio Lower Upper
42 100
72 69.4 32.7 49.1#
71 94.2 31.3 46.9#



#30
Chloroform
Concen: 0.032 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion: 83 Resp: 222
Ion Ratio Lower Upper
83 100
85 24.0 52.6 79.0#





#32

1,1,1-Trichloroethane

Concen: 0.008 ug/l

RT: 7.85 min Scan# 975

Delta R.T. -0.02 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

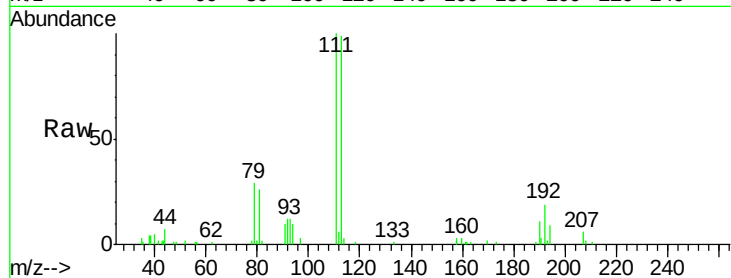
Tot Ion: 97 Resp: 51

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

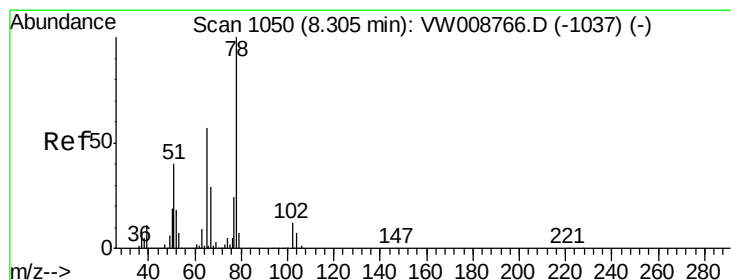
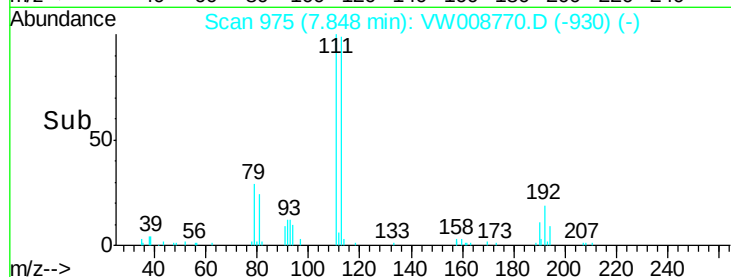
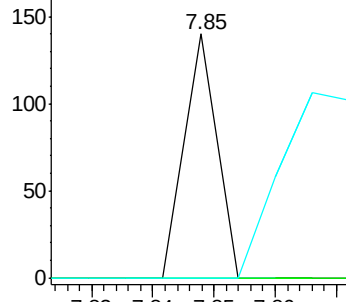
61 0.0 36.0 54.0#



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: 54.667 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008770.D

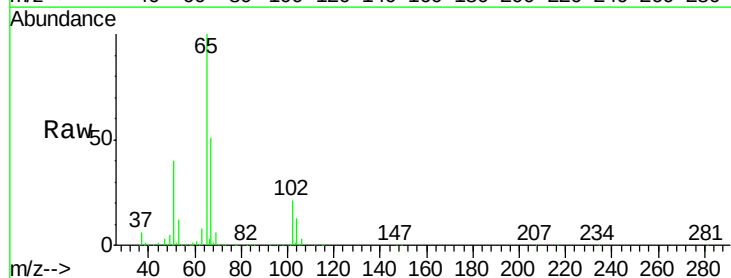
Acq: 21 Feb 2019 15:21

Tgt Ion: 65 Resp: 200619

Ion Ratio Lower Upper

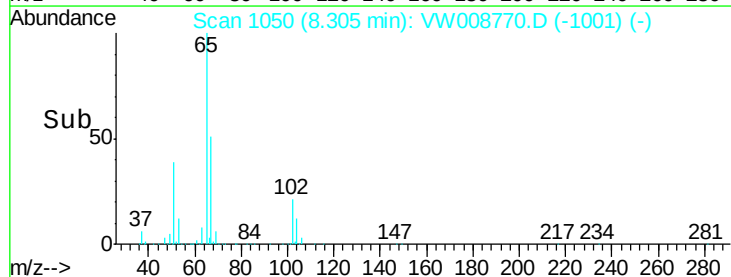
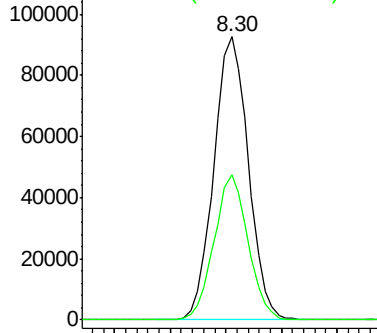
65 100

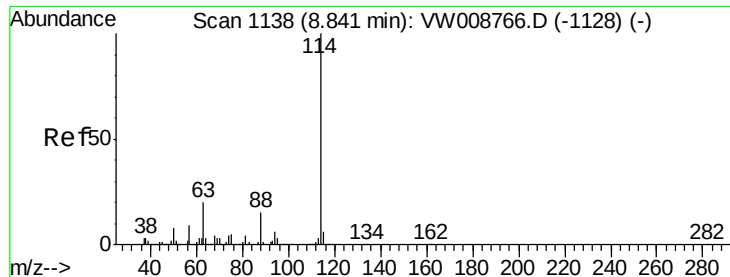
67 50.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

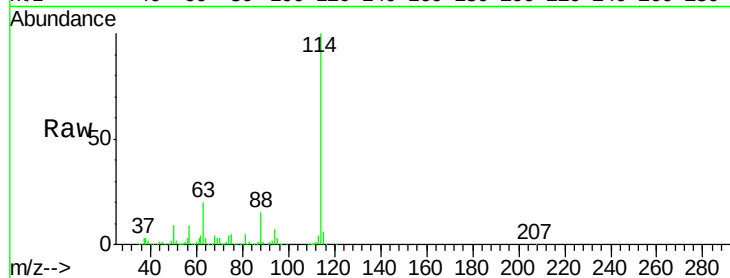




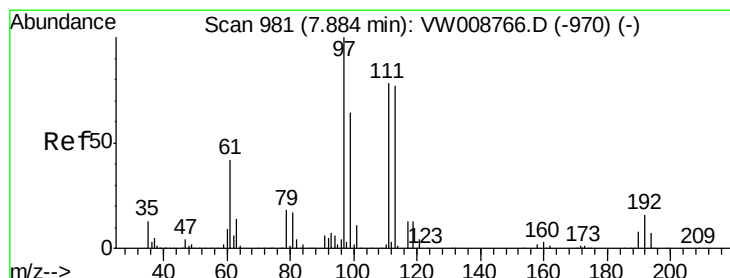
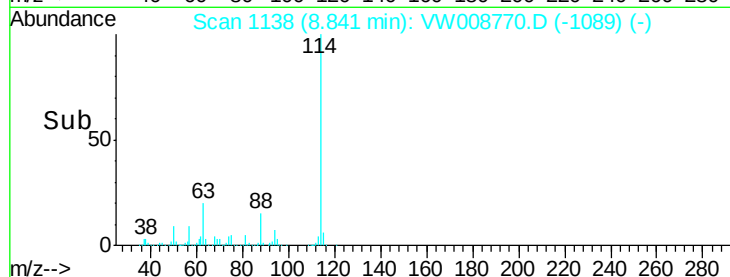
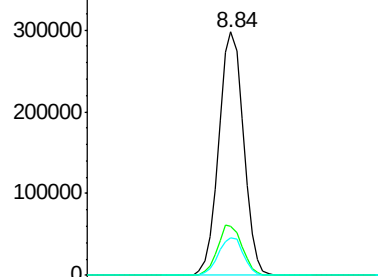
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	15.4	0.0	30.4

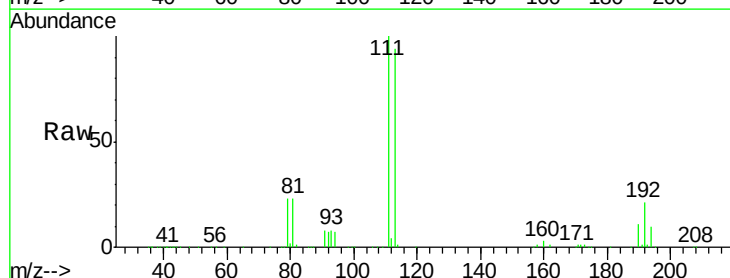


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

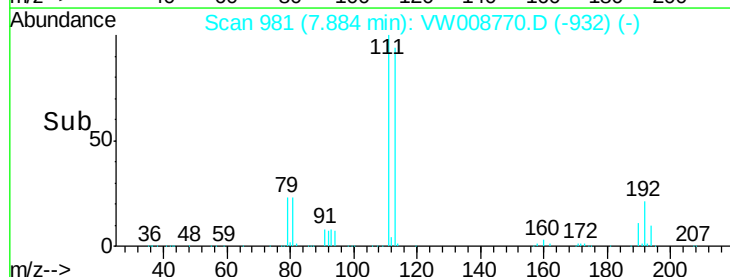
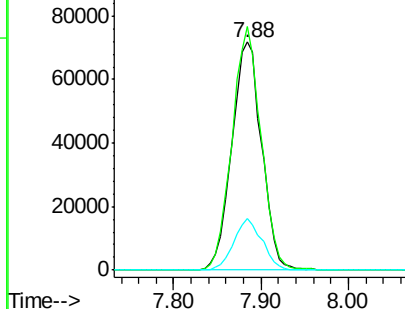


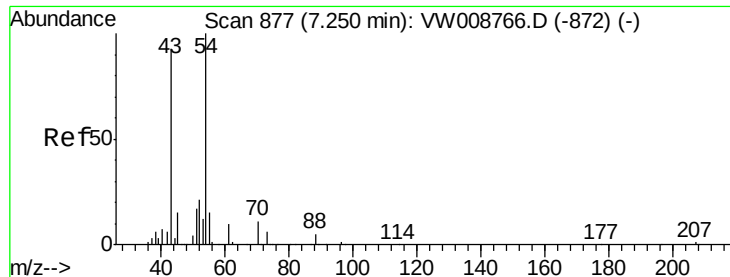
#35
Dibromofluoromethane
Concen: 48.473 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	21.6	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#37

Ethyl Acetate

Concen: 0.066 ug/l

RT: 7.24 min Scan# 875

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

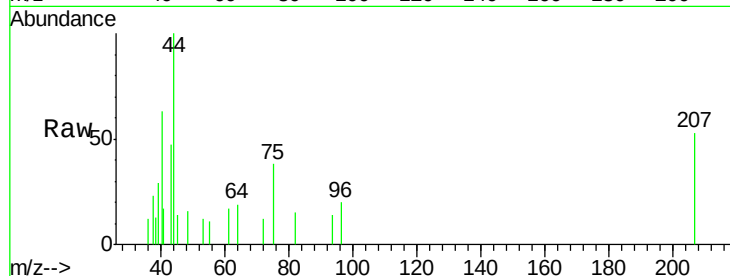
Tot Ion: 43 Resp: 175

Ion Ratio Lower Upper

43 100

61 53.7 9.8 14.8#

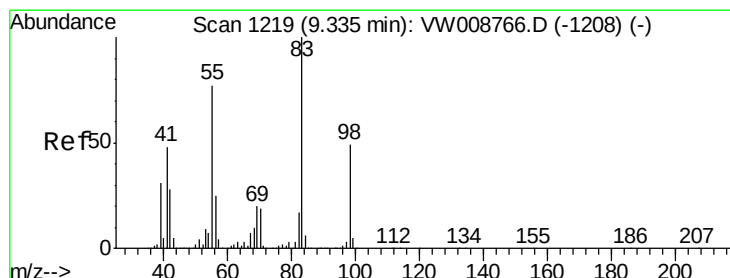
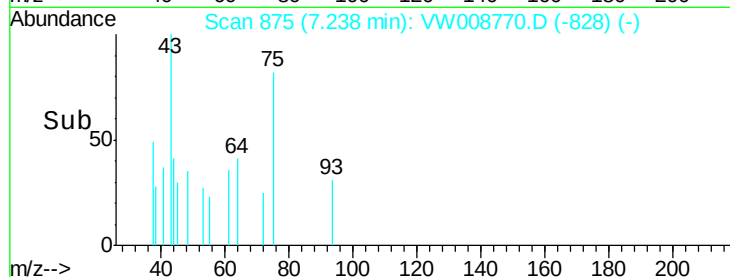
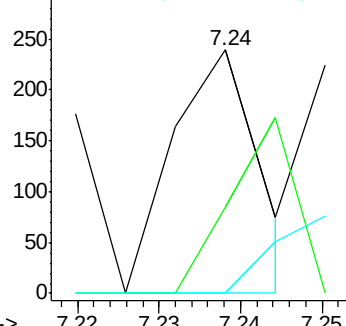
70 26.3 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#39

Methylcyclohexane

Concen: 0.049 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

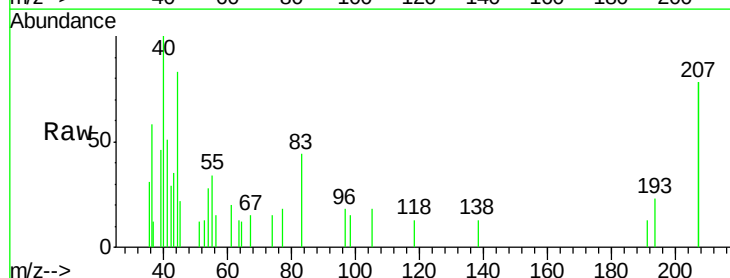
Tgt Ion: 83 Resp: 345

Ion Ratio Lower Upper

83 100

55 79.1 61.2 91.8

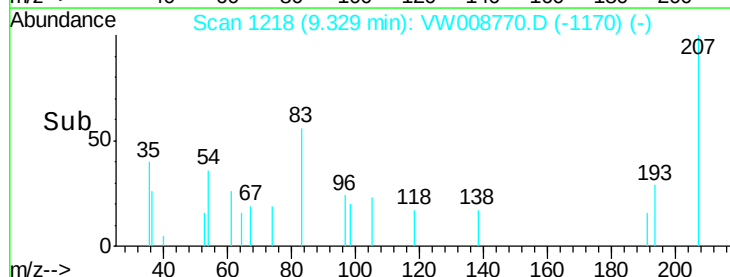
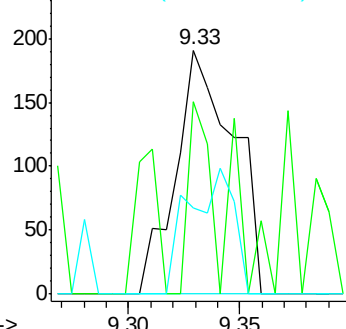
98 35.1 39.4 59.2#

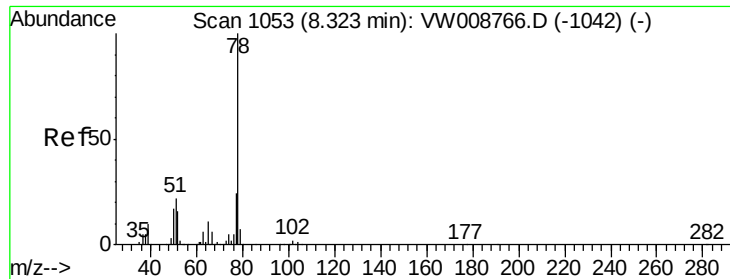


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 0.056 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

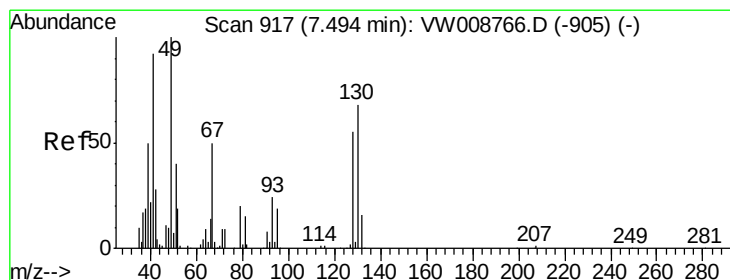
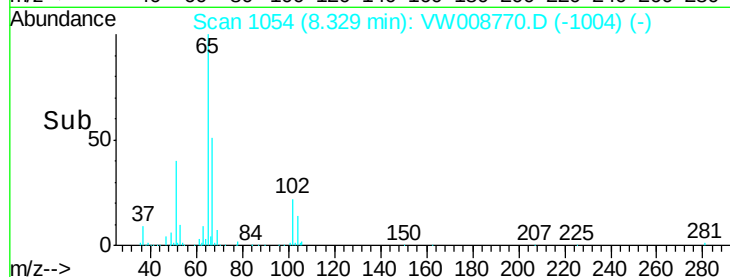
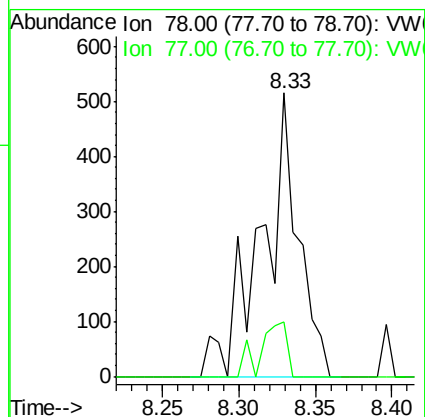
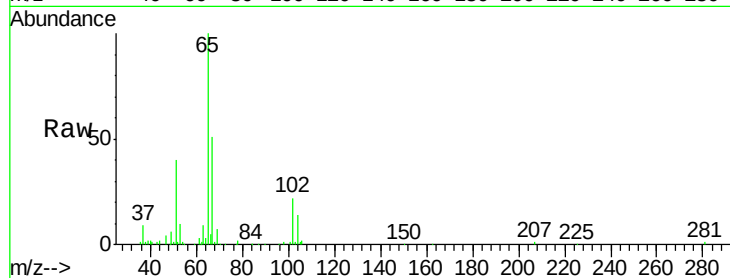
VW0221SBL01

Tot Ion: 78 Resp: 868

Ion Ratio Lower Upper

78 100

77 19.4 19.3 28.9



#41

Methacrylonitrile

Concen: 0.283 ug/l

RT: 7.47 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Tgt Ion: 41 Resp: 439

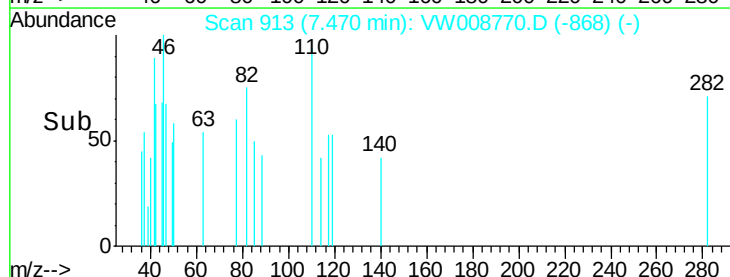
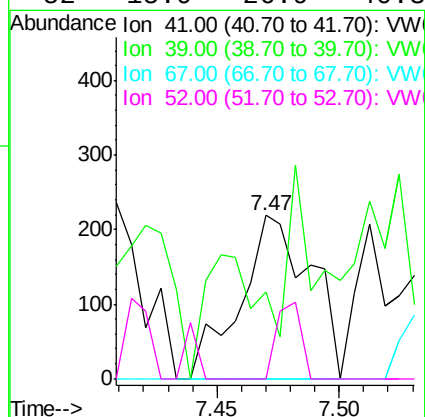
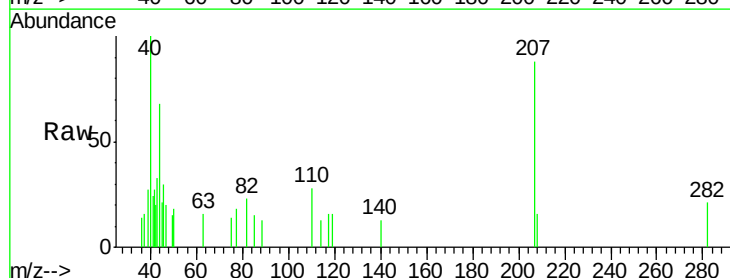
Ion Ratio Lower Upper

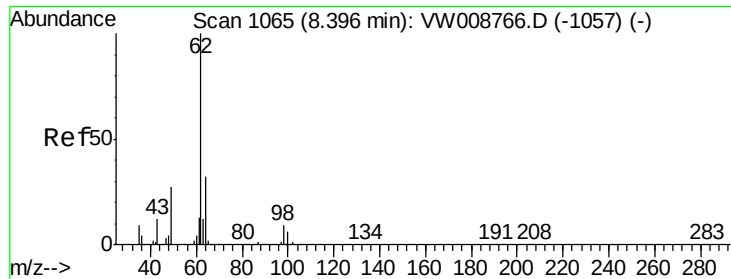
41 100

39 38.3 52.5 78.7#

67 0.0 55.0 82.6#

52 15.9 26.9 40.3#





#42

1,2-Dichloroethane

Concen: 0.150 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

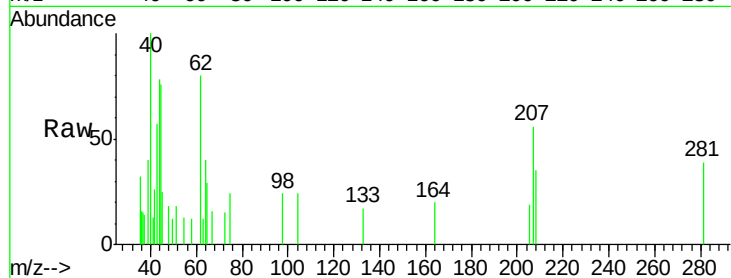
VW0221SBL01

Tot Ion: 62 Resp: 739

Ion Ratio Lower Upper

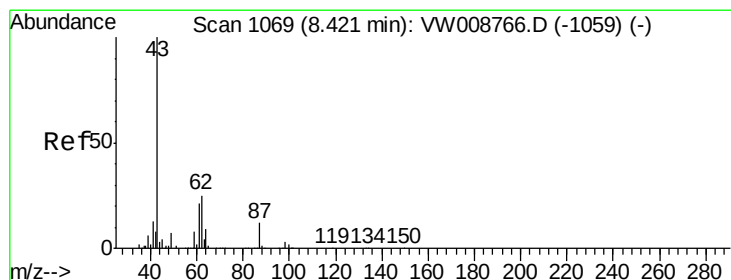
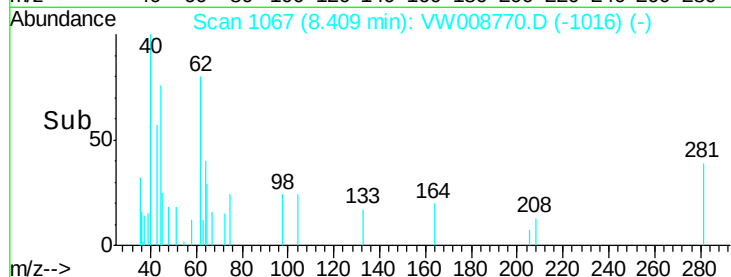
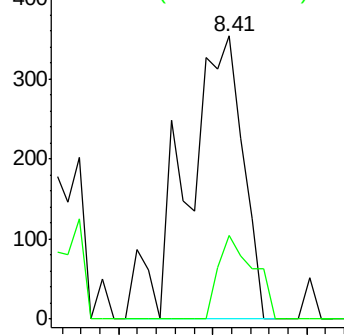
62 100

98 18.4 0.0 18.2#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#43

Isopropyl Acetate

Concen: 0.038 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

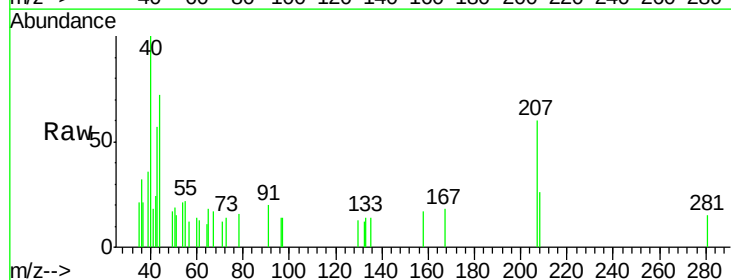
Tgt Ion: 43 Resp: 202

Ion Ratio Lower Upper

43 100

61 0.0 23.2 34.8#

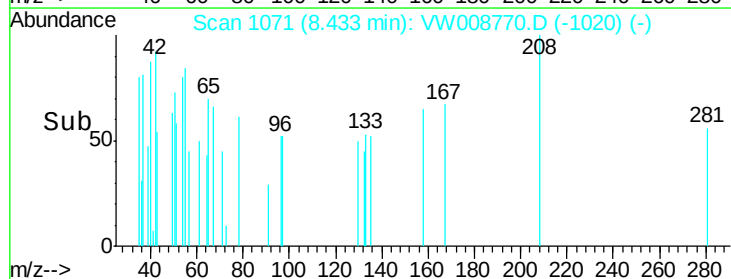
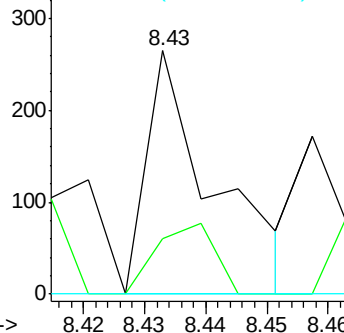
87 0.0 9.9 14.9#

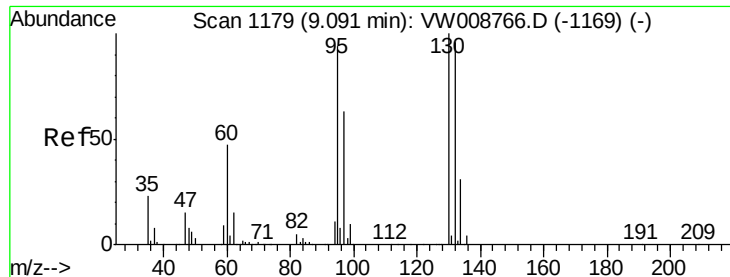


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#44

Trichloroethene

Concen: 0.030 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

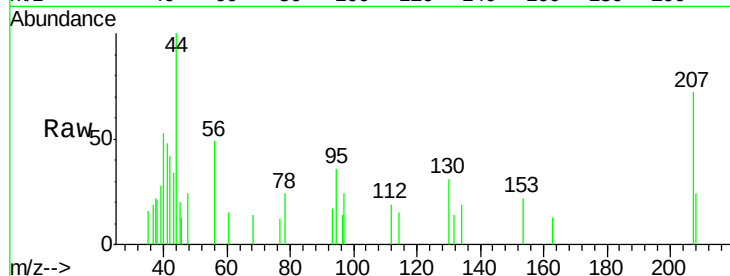
VW0221SBL01

Tot Ion:130 Resp: 132

Ion Ratio Lower Upper

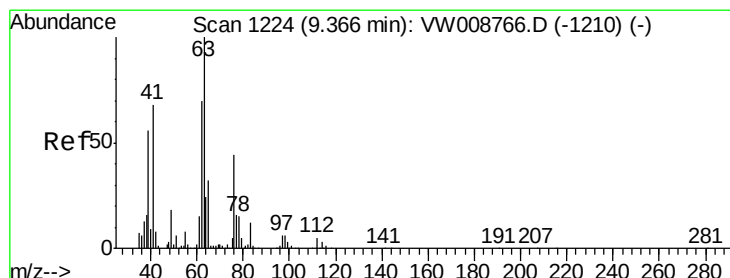
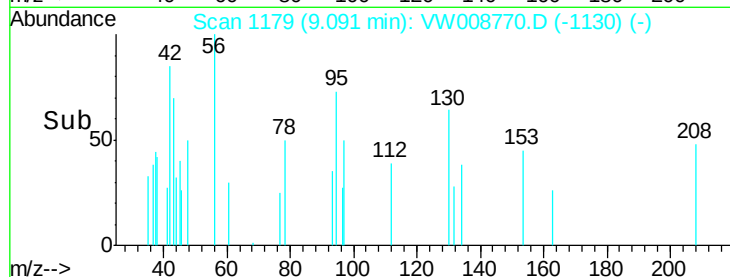
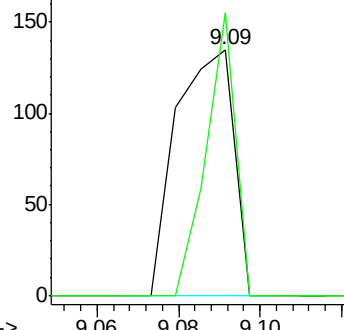
130 100

95 114.8 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 0.019 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. 0.02 min

Lab File: VW008770.D

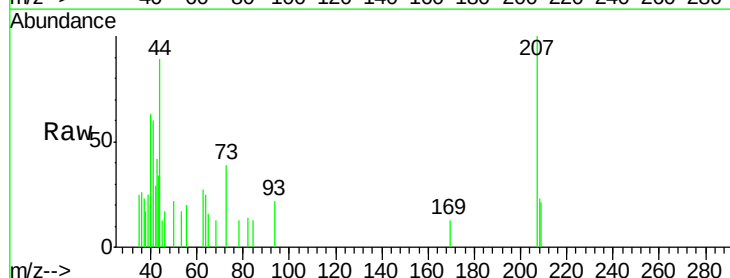
Acq: 21 Feb 2019 15:21

Tgt Ion: 63 Resp: 71

Ion Ratio Lower Upper

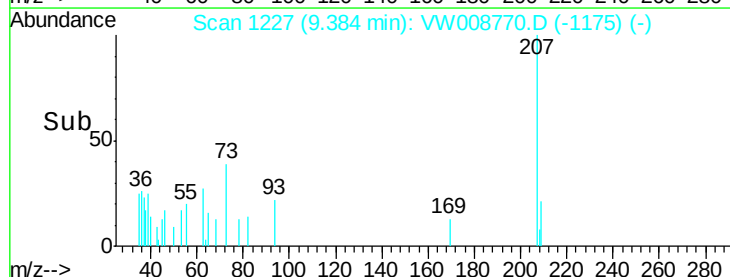
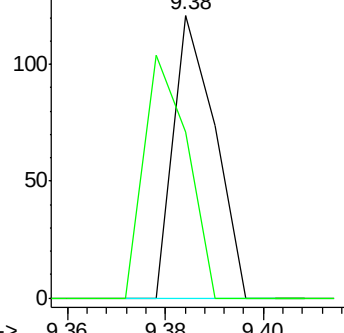
63 100

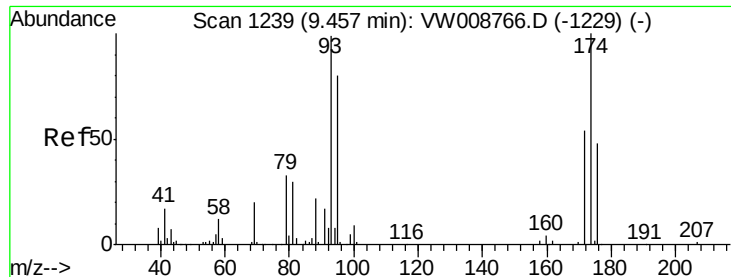
65 58.7 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 0.070 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

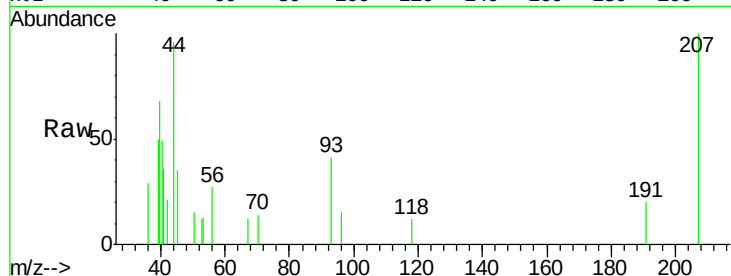
Tot Ion: 93 Resp: 149

Ion Ratio Lower Upper

93 100

95 17.4 67.7 101.5#

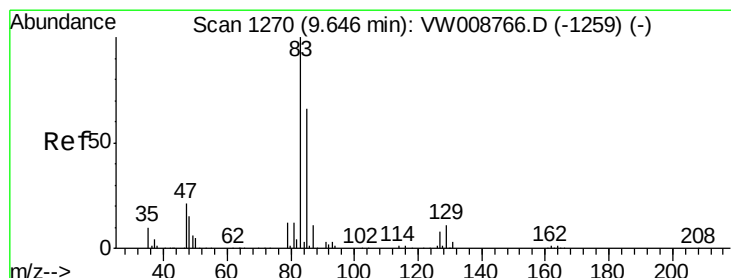
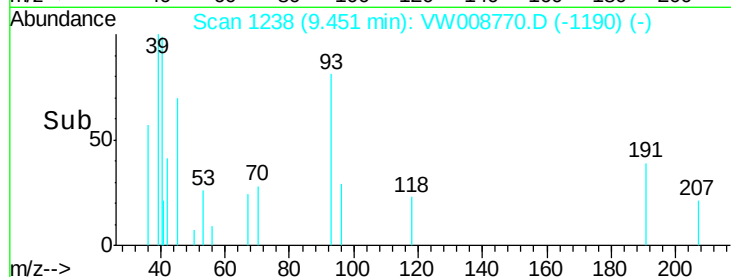
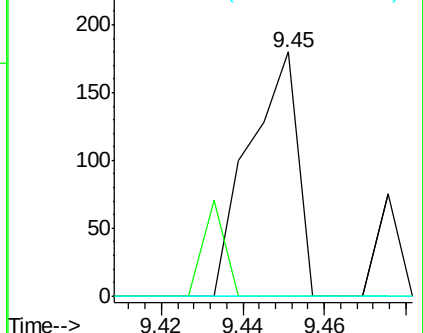
174 0.0 86.7 130.1#



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.024 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

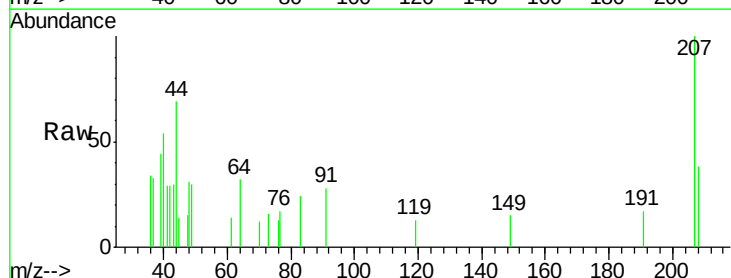
Tgt Ion: 83 Resp: 125

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

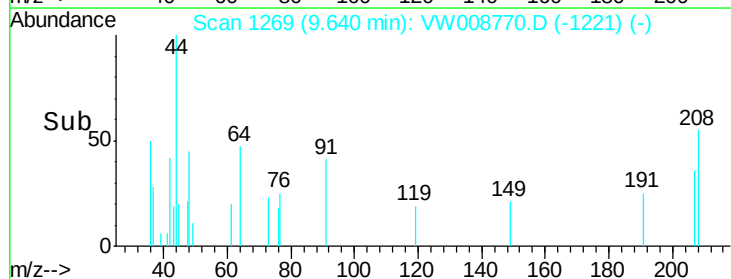
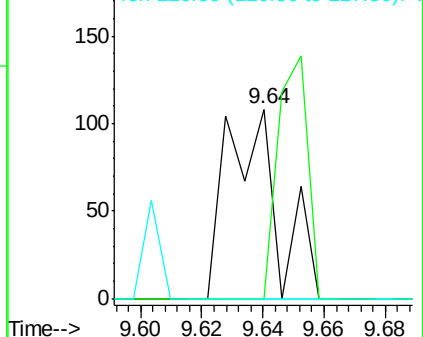
127 0.0 6.7 10.1#

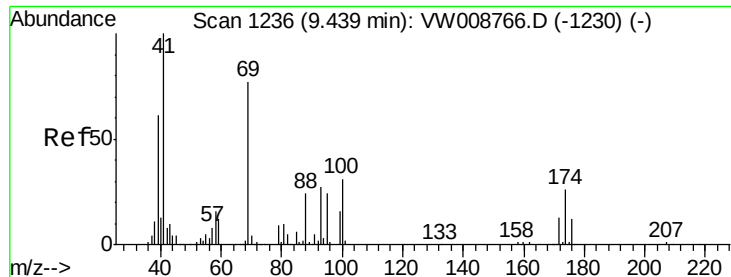


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

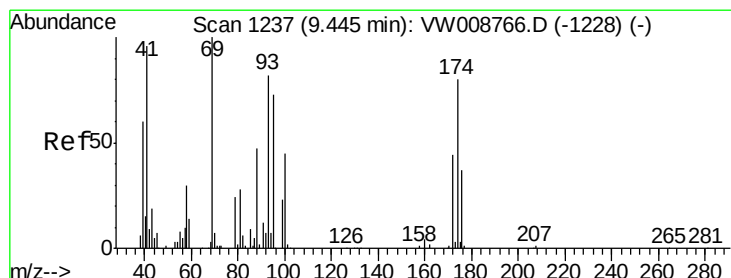
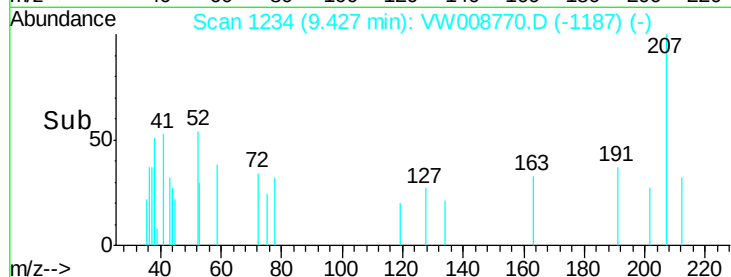
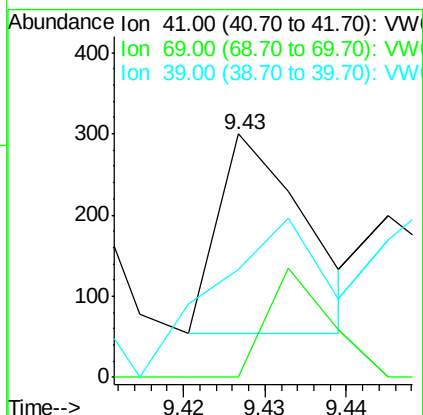
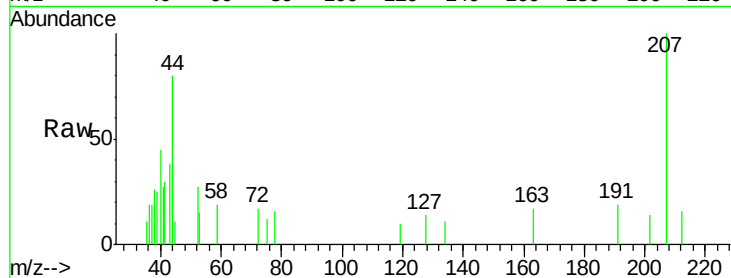




#48
Methvl methacrylate
Concen: 0.072 ug/l
RT: 9.43 min Scan# 1234
Delta R.T. -0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

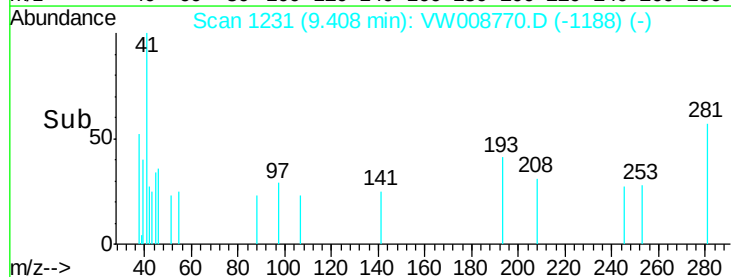
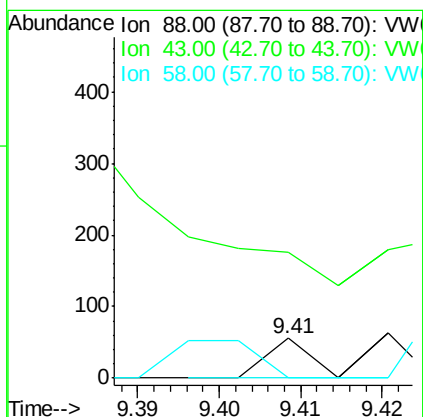
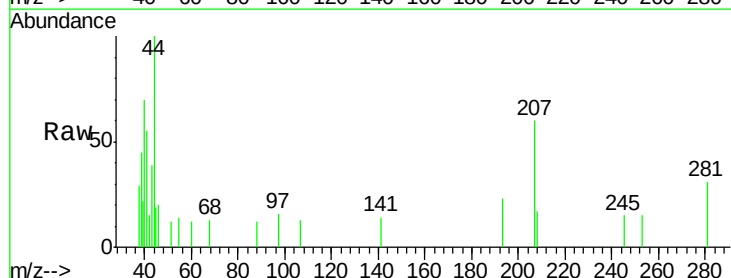
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

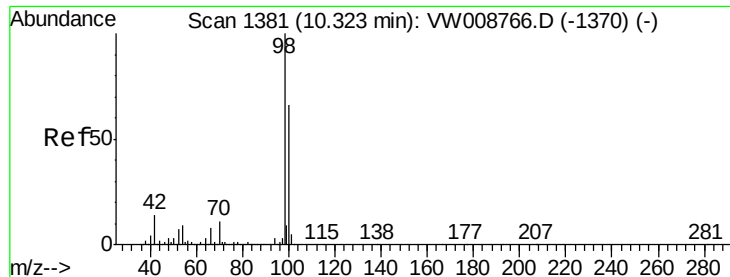
Tot Ion: 41 Resp: 183
Ion Ratio Lower Upper
41 100
69 38.8 63.6 95.4#
39 103.3 52.1 78.1#



#49
1,4-Dioxane
Concen: 0.586 ug/l
RT: 9.41 min Scan# 1231
Delta R.T. -0.04 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 52.0 78.0#





#50

Toluene-d8

Concen: 51.487 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

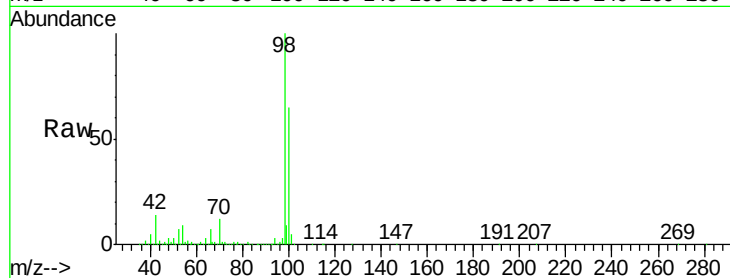
VW0221SBL01

Tot Ion: 98 Resp: 696490

Ion Ratio Lower Upper

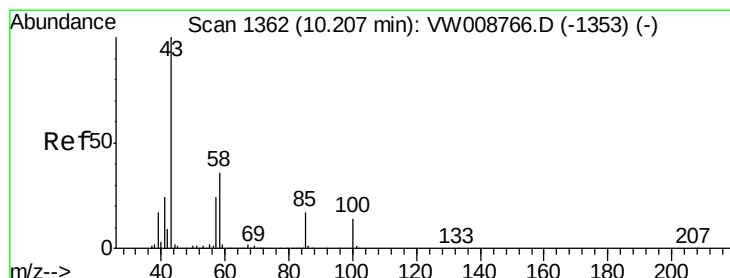
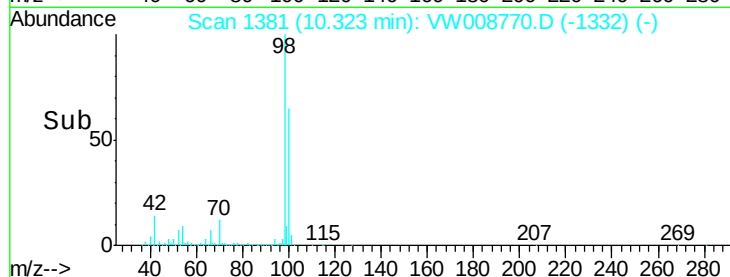
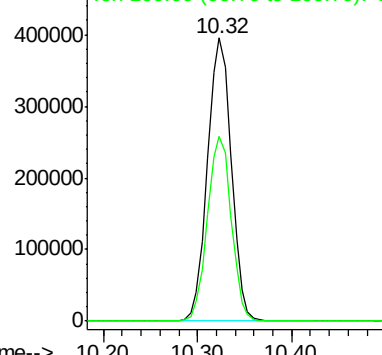
98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 0.811 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008770.D

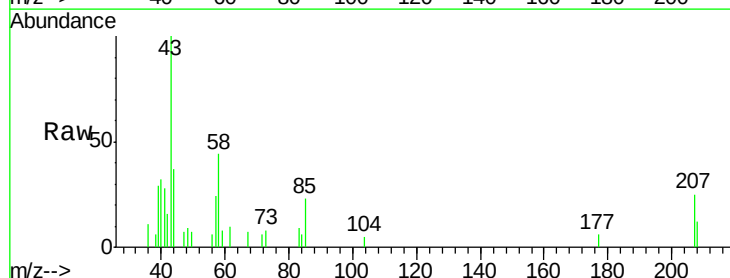
Acq: 21 Feb 2019 15:21

Tgt Ion: 43 Resp: 2172

Ion Ratio Lower Upper

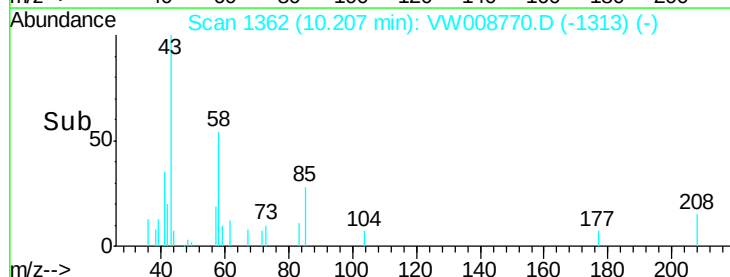
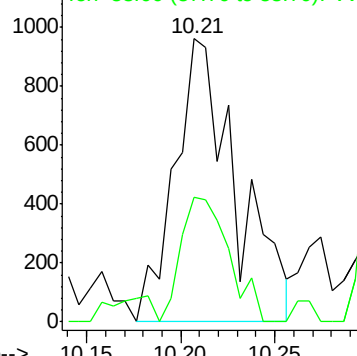
43 100

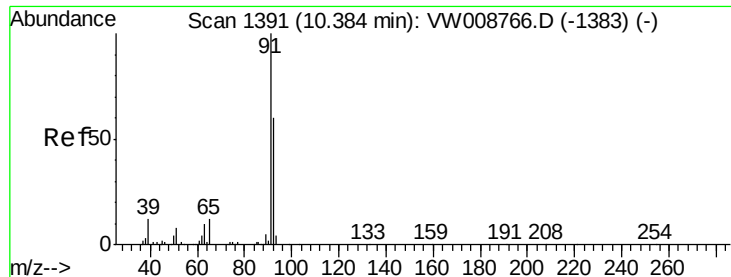
58 34.3 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 0.057 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

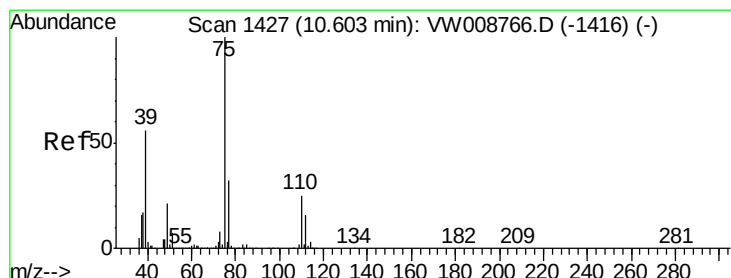
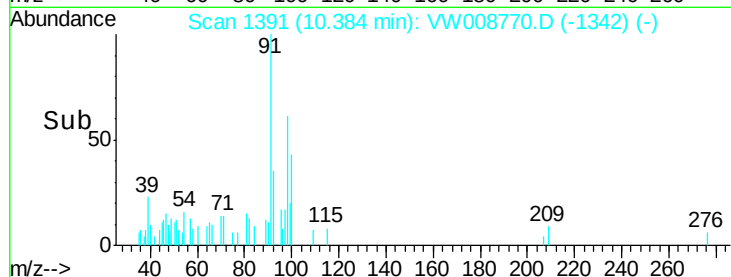
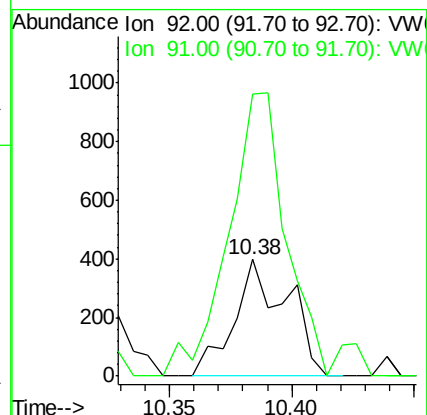
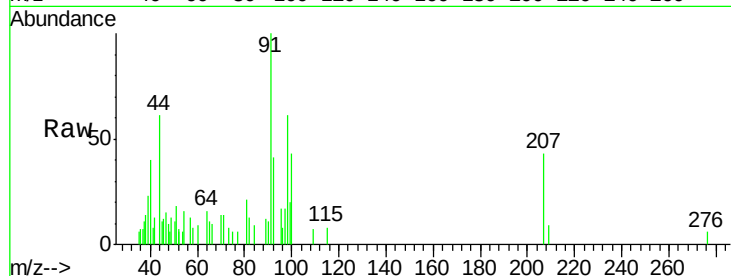
VW0221SBL01

Tot Ion: 92 Resp: 602

Ion Ratio Lower Upper

92 100

91 276.2 136.9 205.3#



#53

t-1,3-Dichloropropene

Concen: 0.055 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008770.D

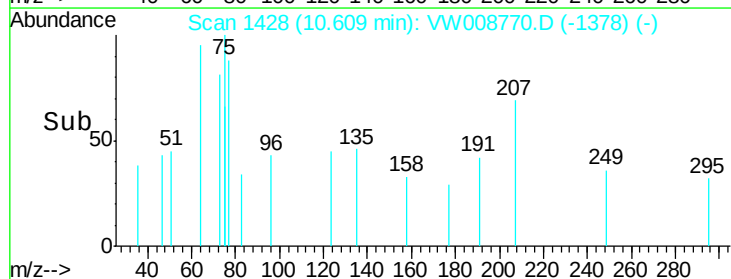
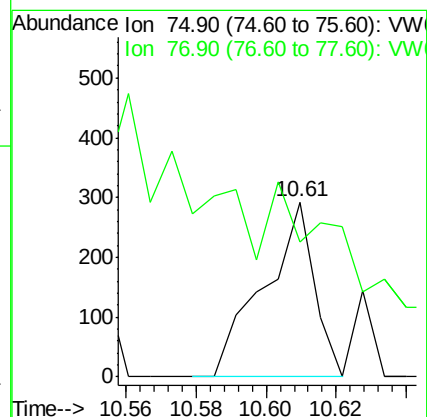
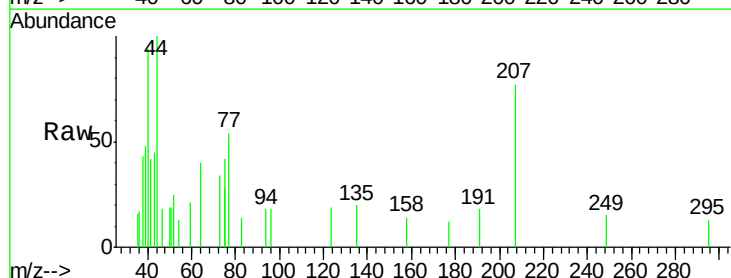
Acq: 21 Feb 2019 15:21

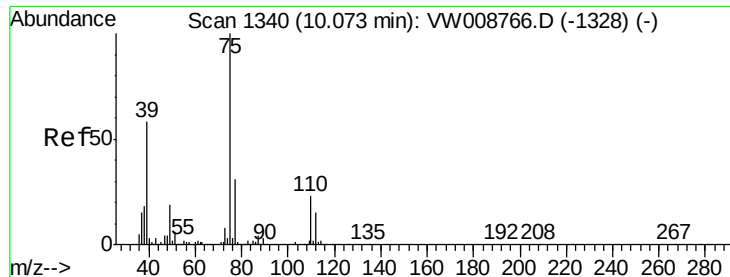
Tgt Ion: 75 Resp: 293

Ion Ratio Lower Upper

75 100

77 0.0 26.1 39.1#





#54

cis-1,3-Dichloropropene

Concen: 0.035 ug/l

RT: 10.05 min Scan# 1337

Delta R.T. -0.02 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

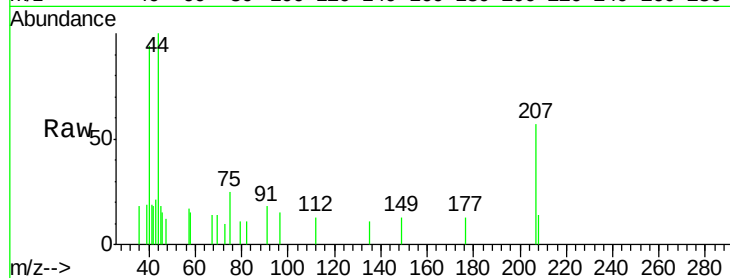
Tot Ion: 75 Resp: 210

Ion Ratio Lower Upper

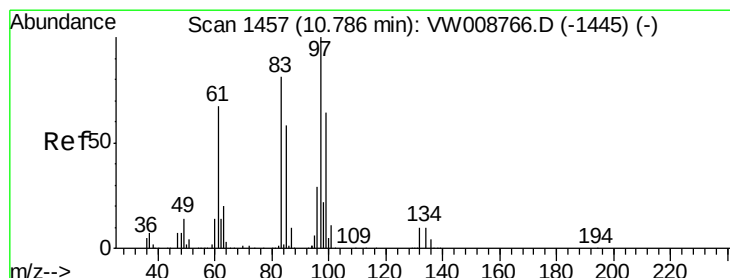
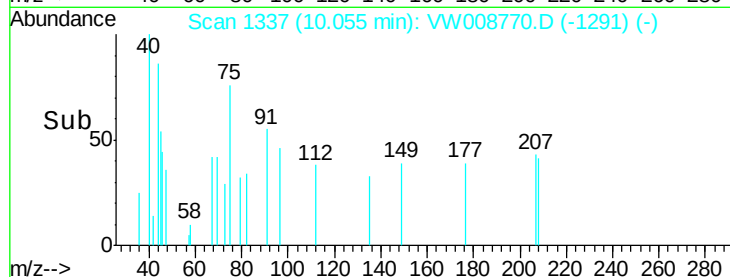
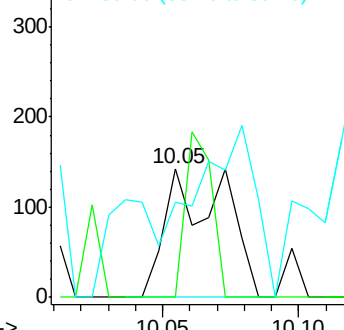
75 100

77 0.0 25.0 37.4#

39 73.4 46.6 70.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 76.90 (76.60 to 77.60): VW
Ion 39.00 (38.70 to 39.70): VW



#55

1,1,2-Trichloroethane

Concen: 0.097 ug/l

RT: 10.80 min Scan# 1460

Delta R.T. 0.02 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Tgt Ion: 97 Resp: 280

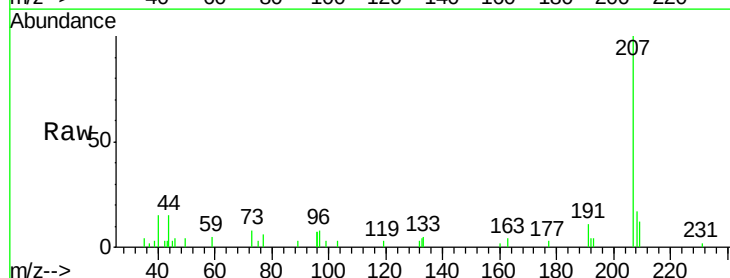
Ion Ratio Lower Upper

97 100

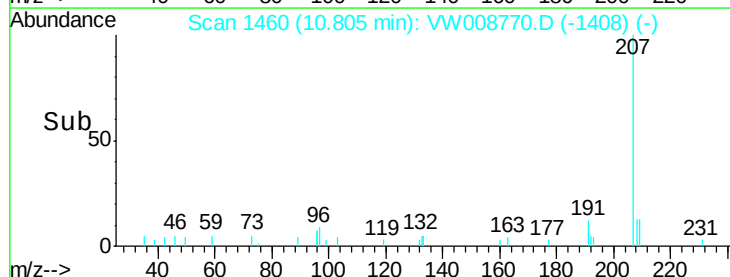
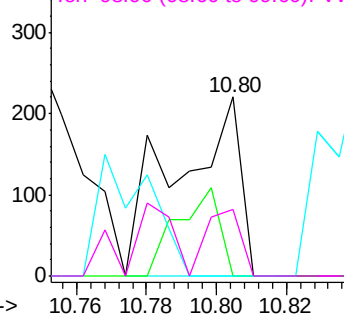
83 0.0 65.0 97.6#

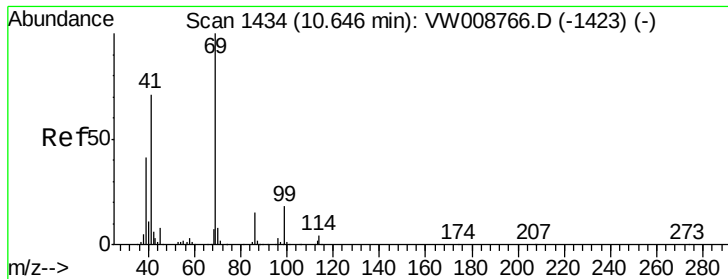
85 0.0 46.0 69.0#

99 37.3 51.1 76.7#



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





#56

Ethyl methacrylate

Concen: 0.062 ug/l

RT: 10.69 min Scan# 1441

Delta R.T. 0.04 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

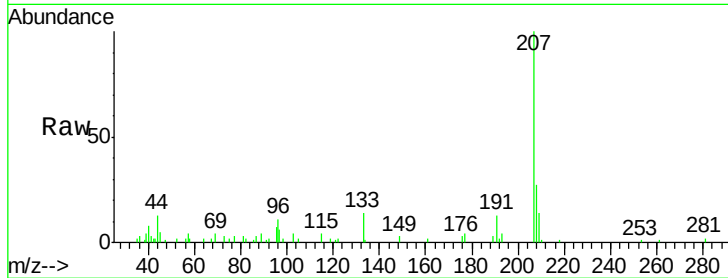
Tot Ion: 69 Resp: 232

Ion Ratio Lower Upper

69 100

41 117.7 57.4 86.0#

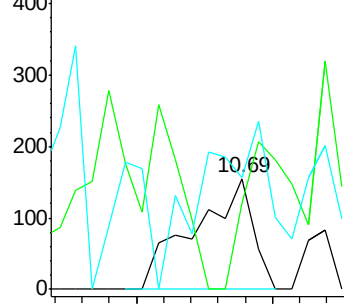
39 181.0 34.8 52.2#



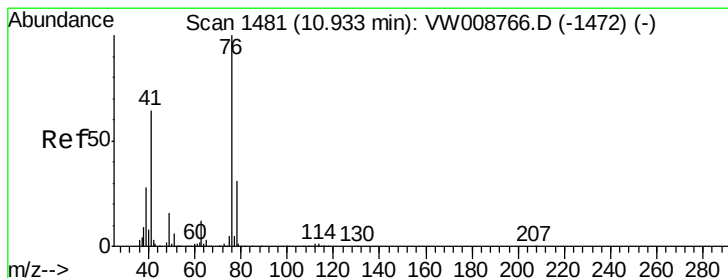
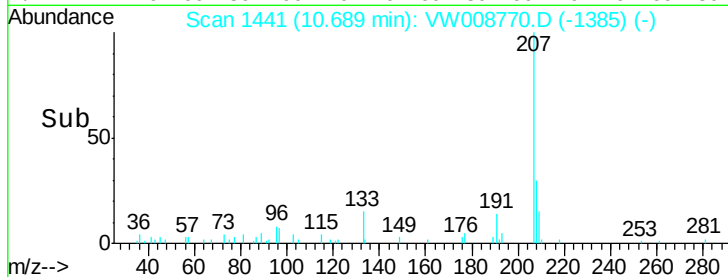
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



Time-->



#57

1,3-Dichloropropane

Concen: 0.042 ug/l

RT: 10.92 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VW008770.D

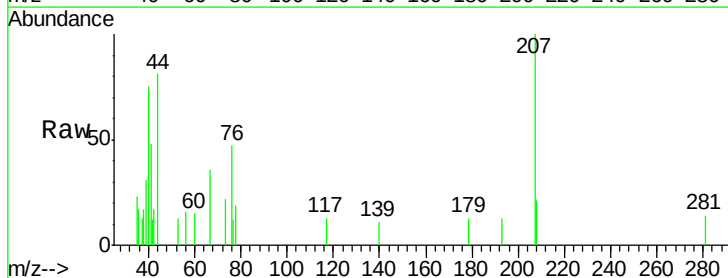
Acq: 21 Feb 2019 15:21

Tgt Ion: 76 Resp: 215

Ion Ratio Lower Upper

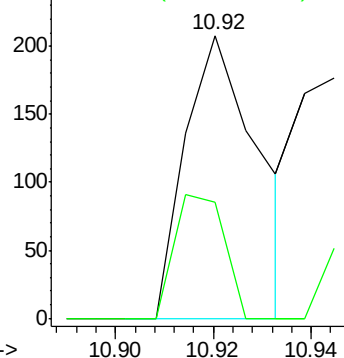
76 100

78 29.8 25.8 38.8

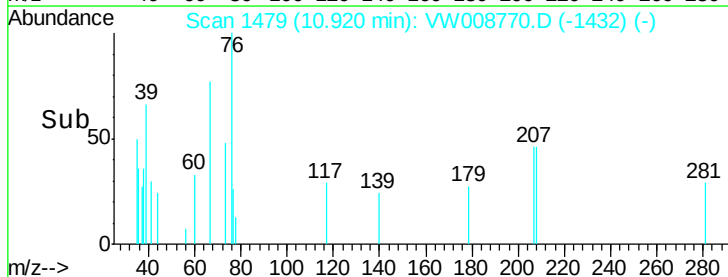


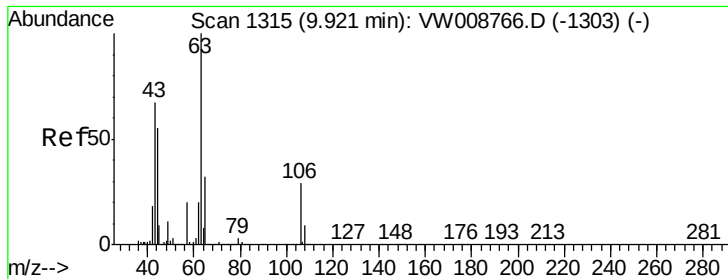
Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->

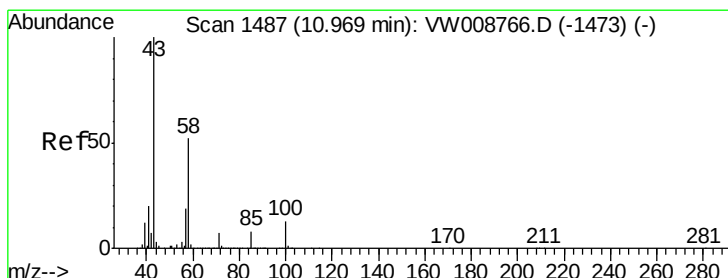
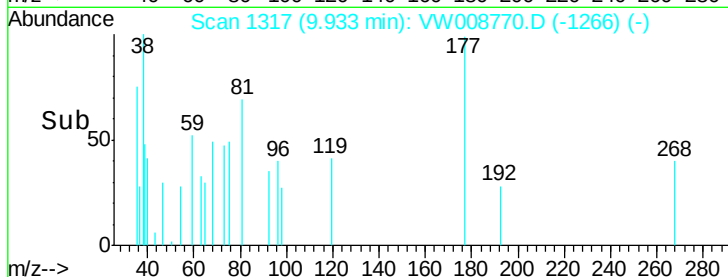
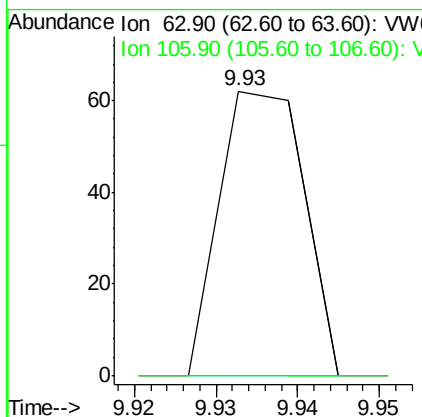
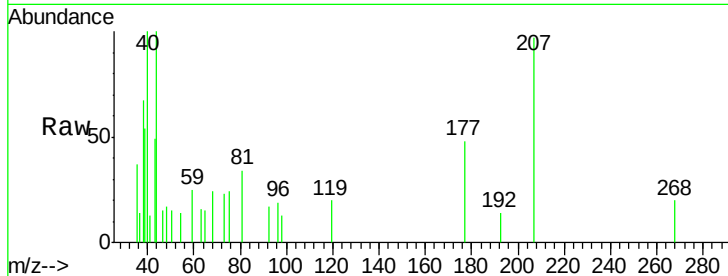




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.024 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

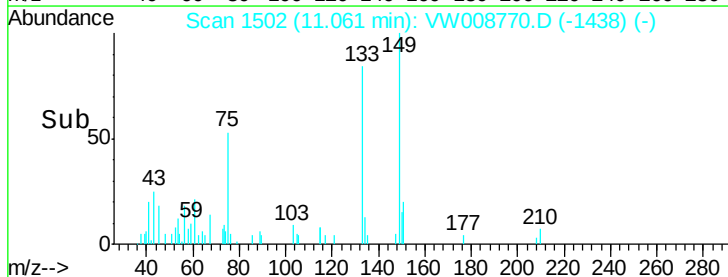
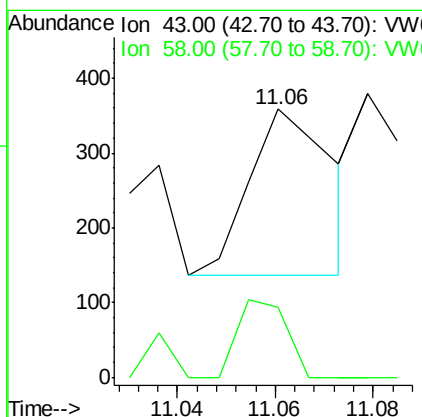
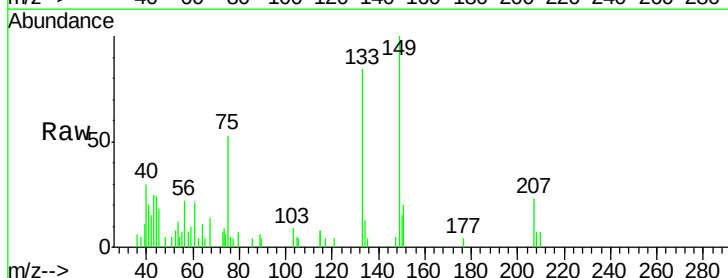
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBL01

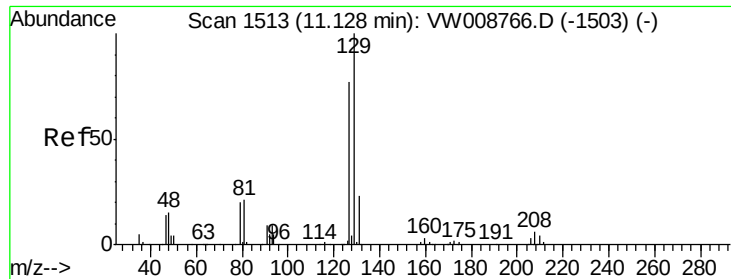
Tot Ion: 63 Resp: 45
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.0 36.0#



#59
 2-Hexanone
 Concen: 0.135 ug/l
 RT: 11.06 min Scan# 1502
 Delta R.T. 0.09 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Tgt Ion: 43 Resp: 258
 Ion Ratio Lower Upper
 43 100
 58 27.9 25.3 75.8





#60

Dibromochloromethane

Concen: 0.013 ug/l

RT: 11.12 min Scan# 1511

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

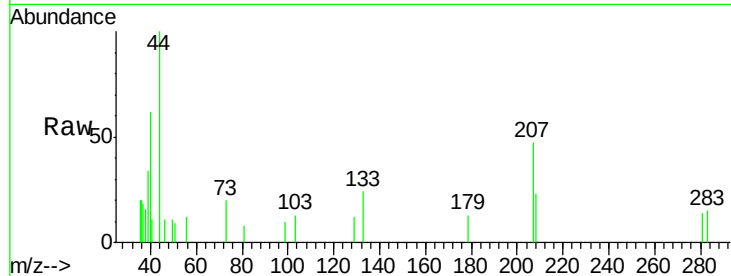
VW0221SBL01

Tot Ion:129 Resp: 46

Ion Ratio Lower Upper

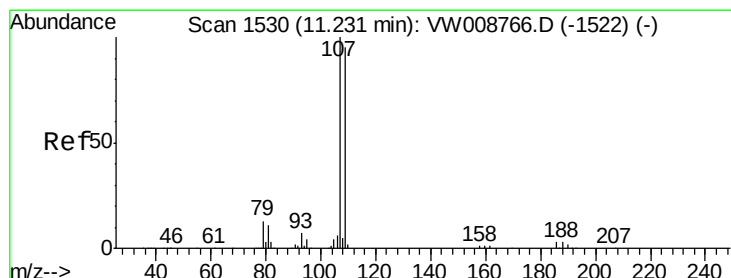
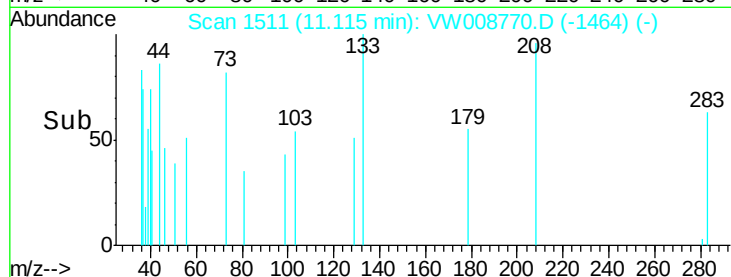
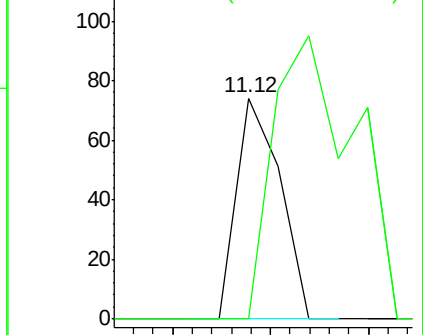
129 100

127 237.0 39.0 116.9#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.061 ug/l

RT: 11.21 min Scan# 1527

Delta R.T. -0.02 min

Lab File: VW008770.D

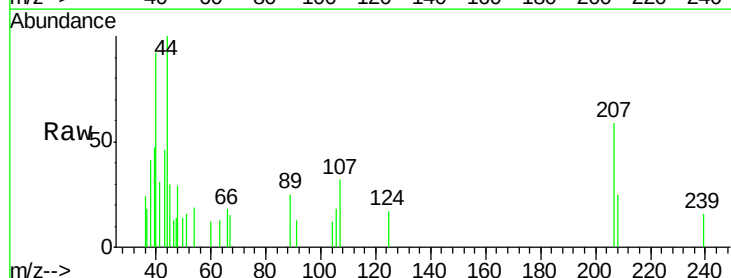
Acq: 21 Feb 2019 15:21

Tgt Ion:107 Resp: 174

Ion Ratio Lower Upper

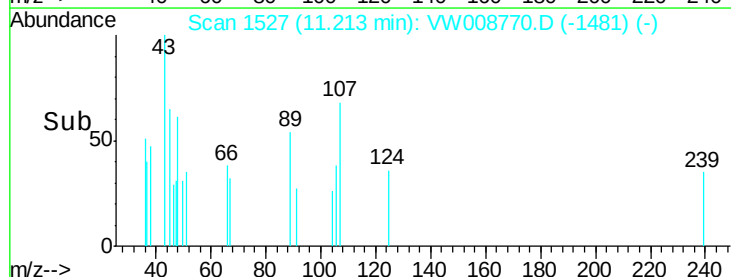
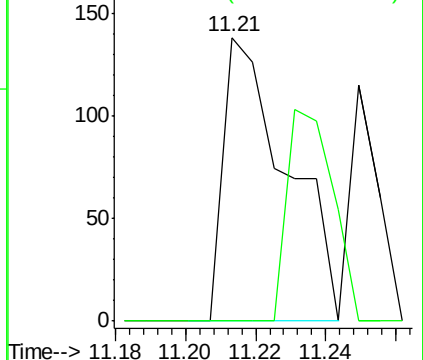
107 100

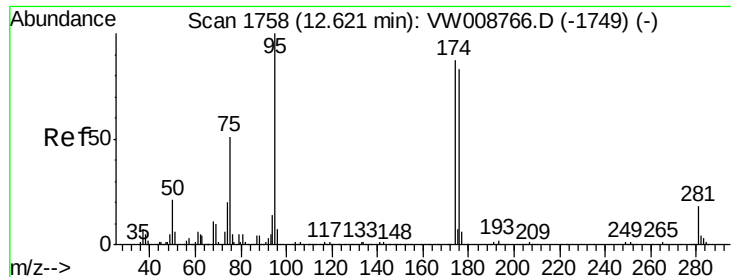
109 53.4 75.6 113.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

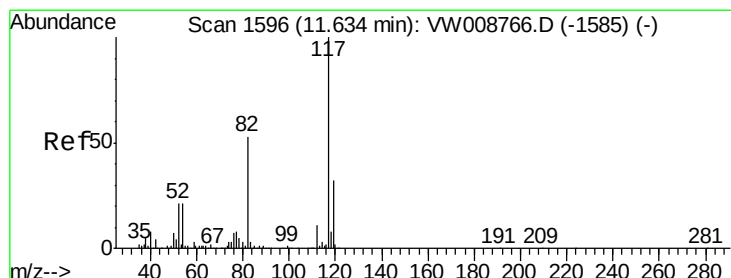
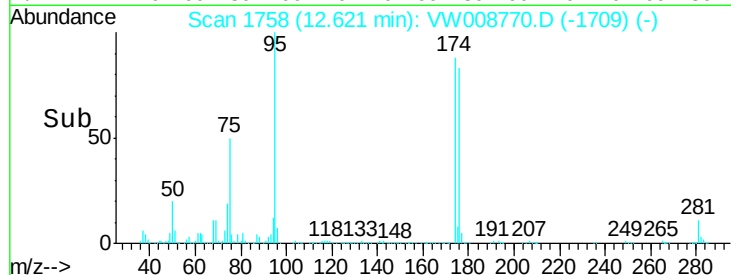
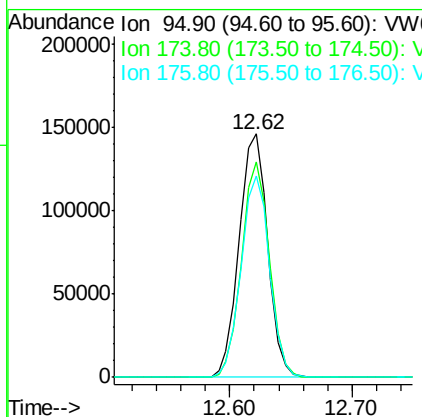
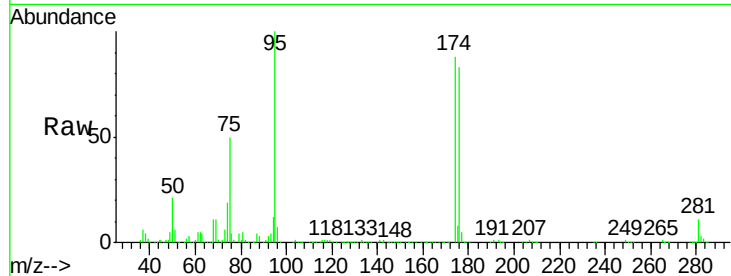




#62
4-Bromofluorobenzene
Concen: 44.390 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

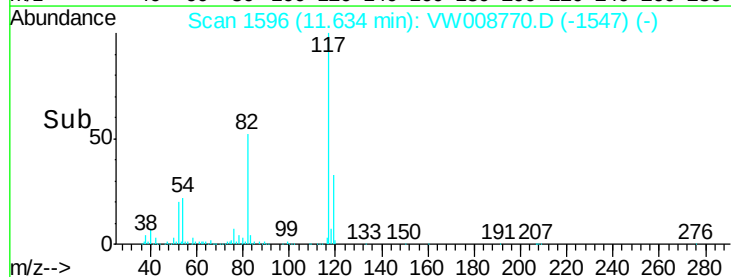
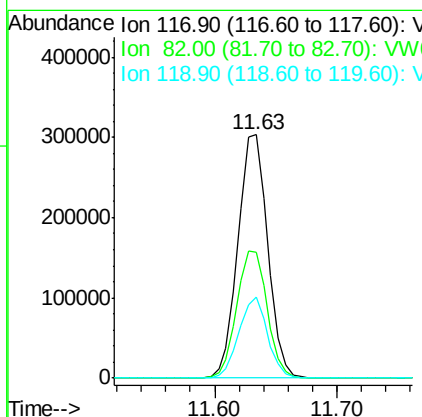
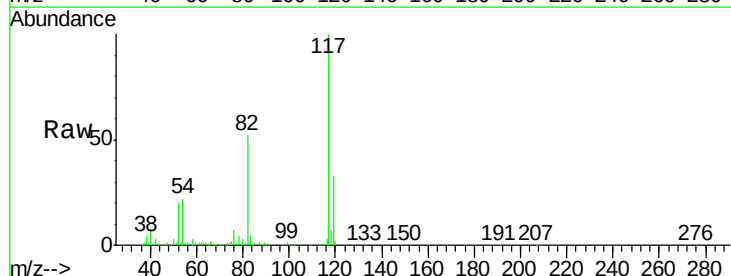
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

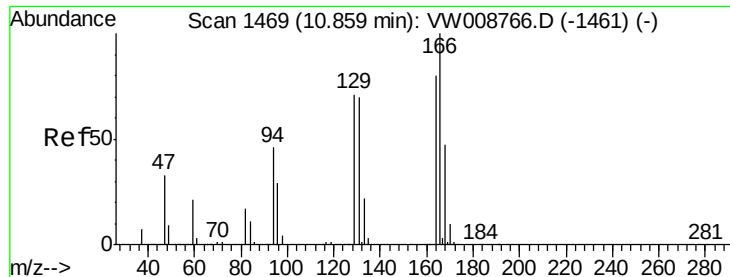
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	169.2
176	82.9	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.2	63.4
119	33.1	25.9	38.9





#64

Tetrachloroethene

Concen: 0.066 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

Tot Ion:164 Resp: 243

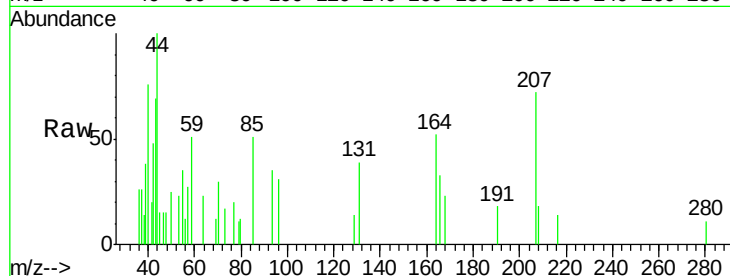
Ion Ratio Lower Upper

164 100

166 63.2 99.5 149.3#

129 26.7 71.1 106.7#

131 73.7 69.8 104.8

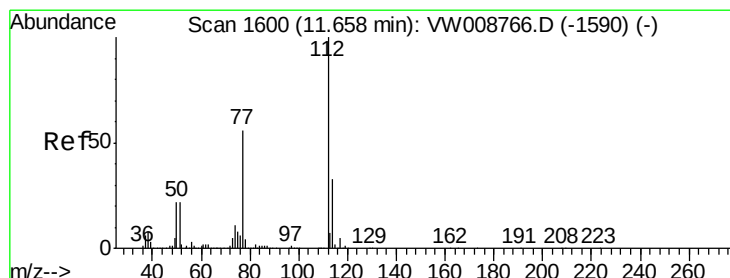
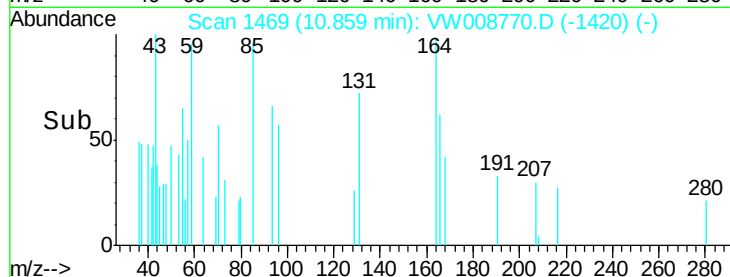
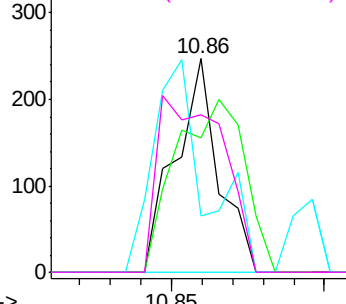


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.095 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW008770.D

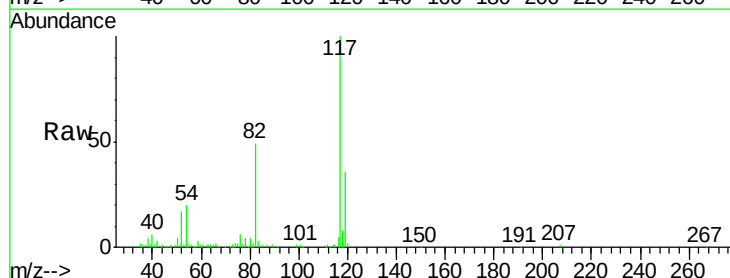
Acq: 21 Feb 2019 15:21

Tgt Ion:112 Resp: 1019

Ion Ratio Lower Upper

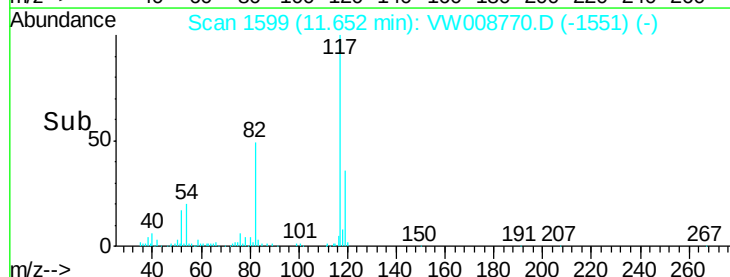
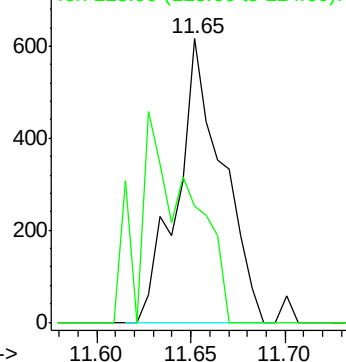
112 100

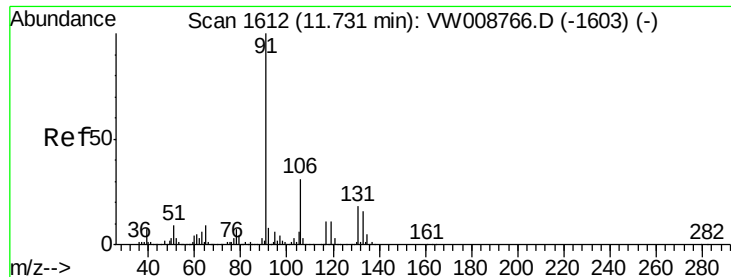
114 40.7 26.6 40.0#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.016 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

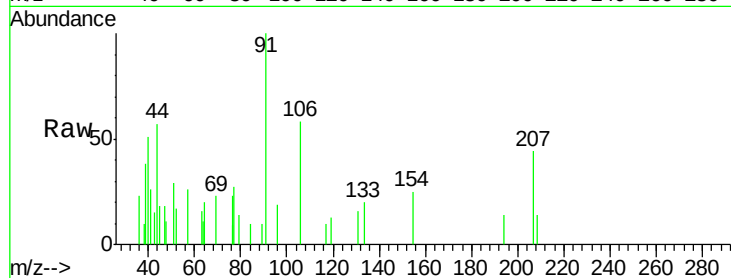
Tot Ion:131 Resp: 58

Ion Ratio Lower Upper

131 100

133 715.5 46.7 140.0#

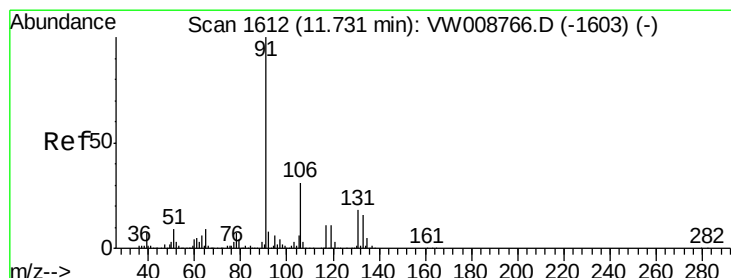
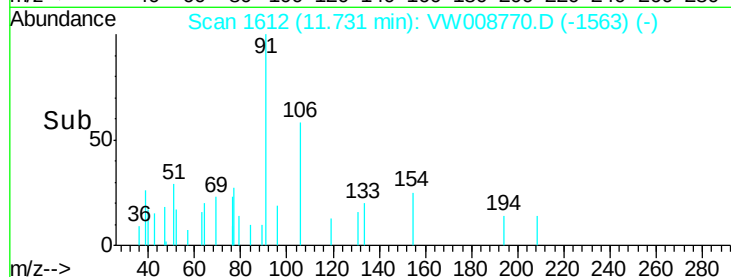
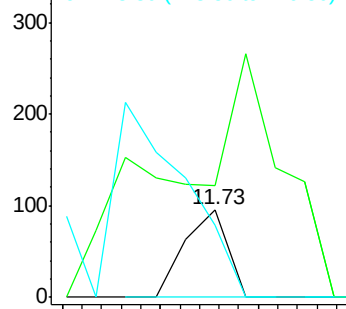
119 0.0 30.8 92.4#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.069 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW008770.D

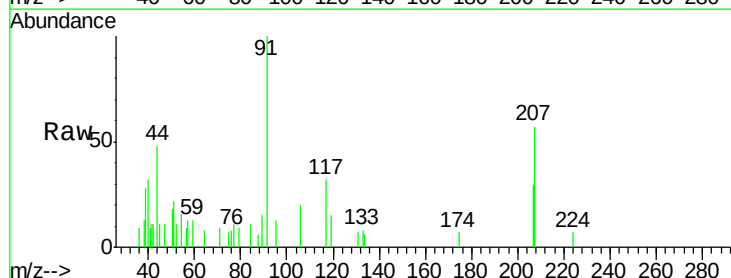
Acq: 21 Feb 2019 15:21

Tgt Ion: 91 Resp: 1327

Ion Ratio Lower Upper

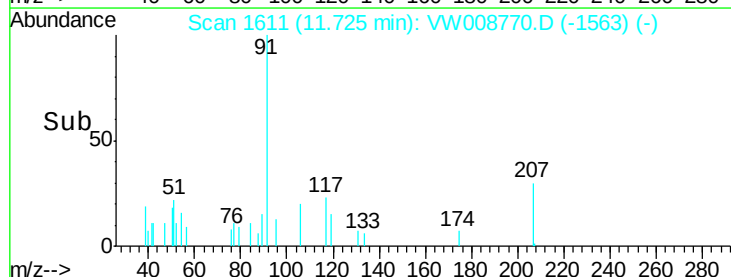
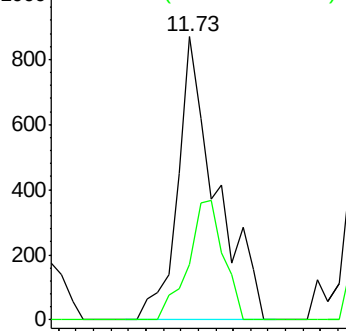
91 100

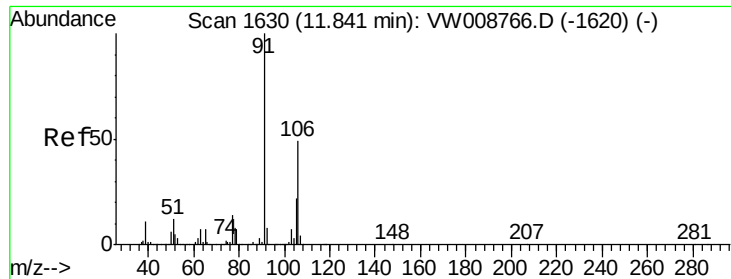
106 19.6 25.0 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

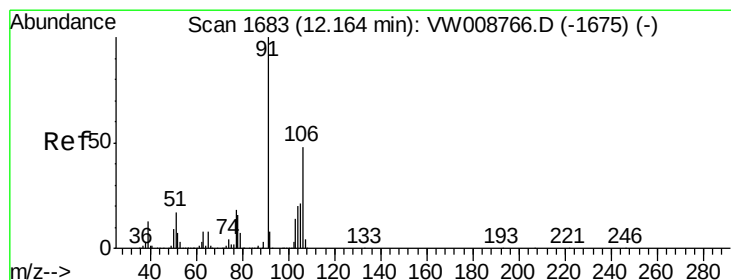
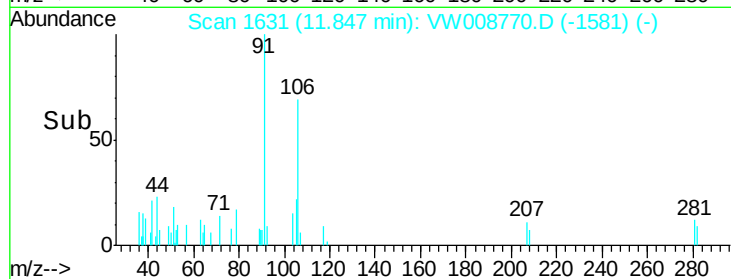
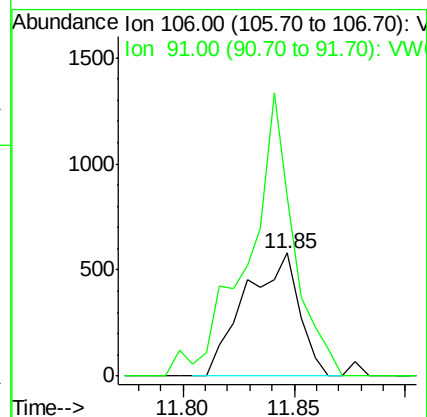
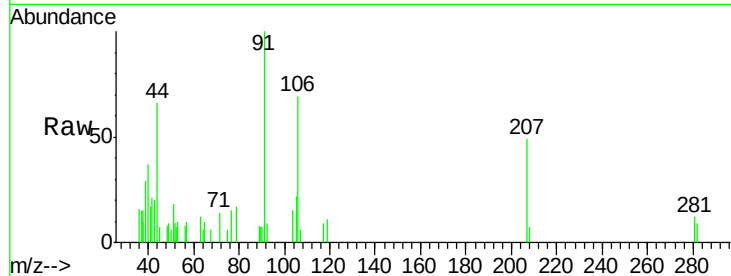




#68
m/p-Xylenes
Concen: 0.127 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

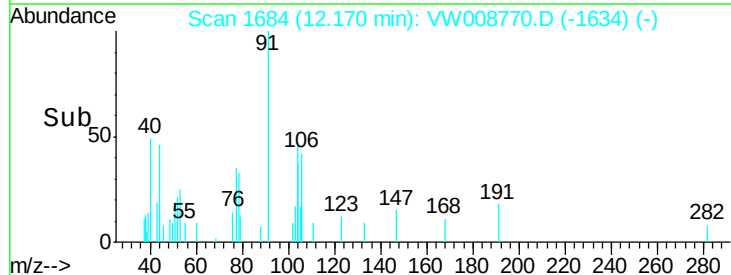
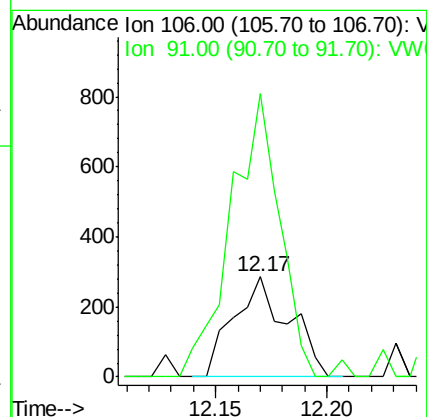
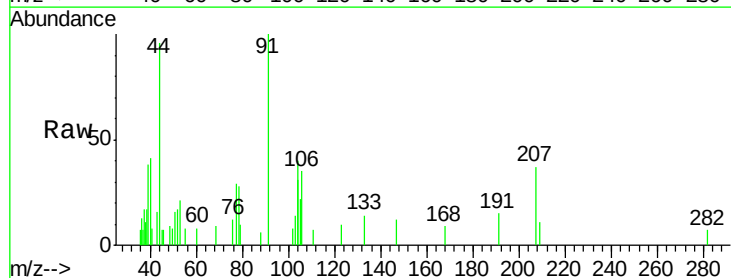
Instrument :
MSVOA_W
ClientSampled :
VW0221SBL01

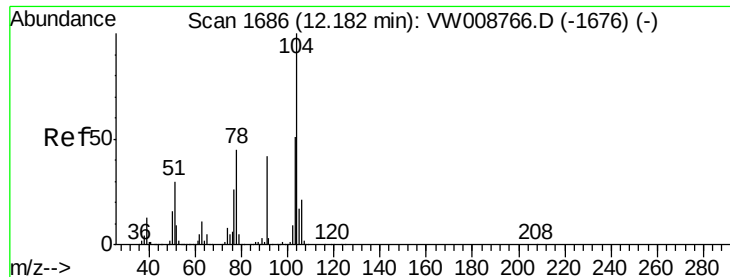
Tot Ion:106 Resp: 977
Ion Ratio Lower Upper
106 100
91 196.7 161.5 242.3



#69
o-Xylene
Concen: 0.068 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion:106 Resp: 489
Ion Ratio Lower Upper
106 100
91 250.9 106.2 318.6

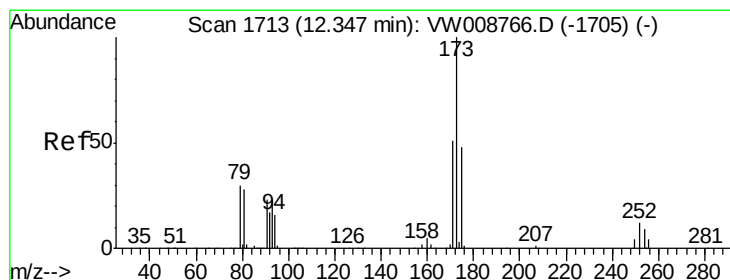
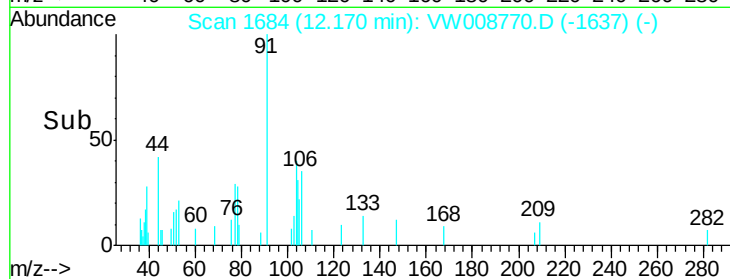
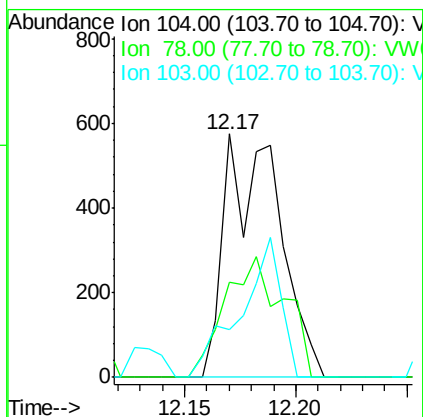
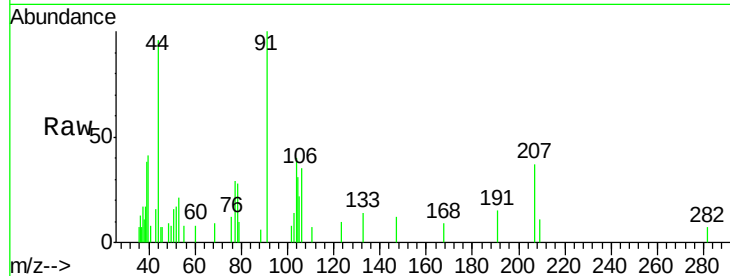




#70
Stvrene
Concen: 0.084 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

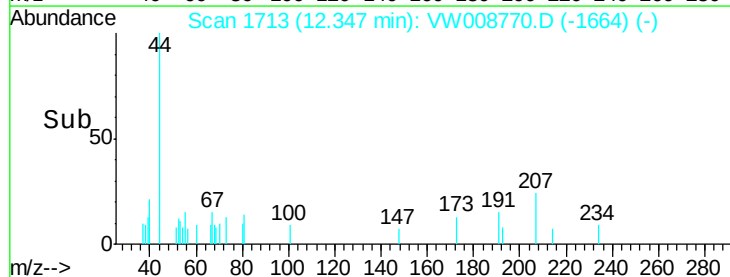
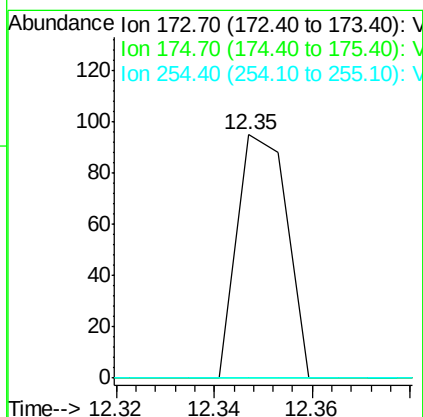
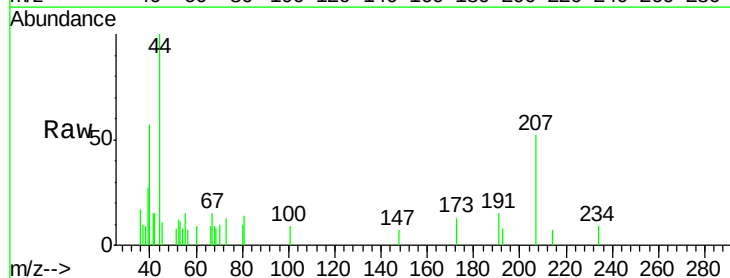
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

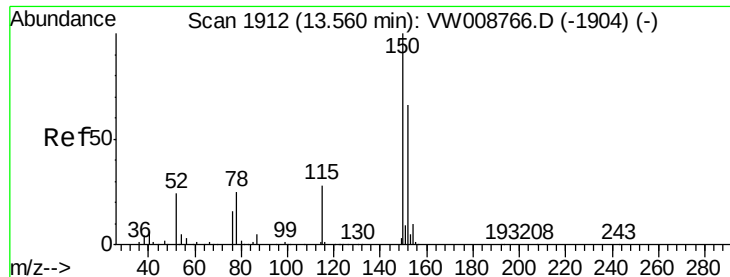
Tot Ion:104 Resp: 980
Ion Ratio Lower Upper
104 100
78 53.4 40.8 61.2
103 43.0 44.2 66.2#



#71
Bromoform
Concen: 0.034 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion:173 Resp: 67
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.2 0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

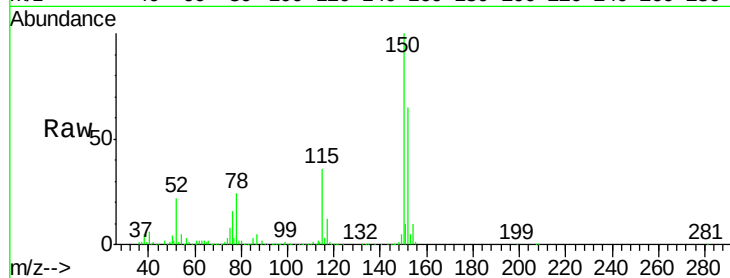
Tot Ion:152 Resp: 241796

Ion Ratio Lower Upper

152 100

115 56.6 28.6 85.8

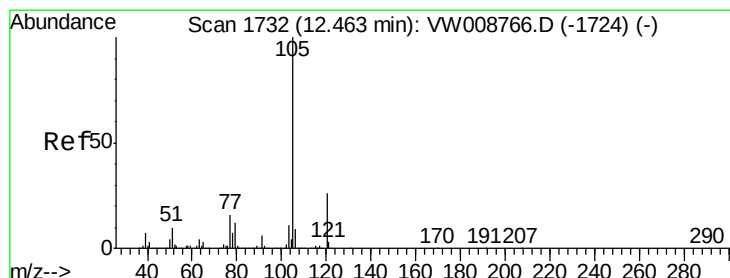
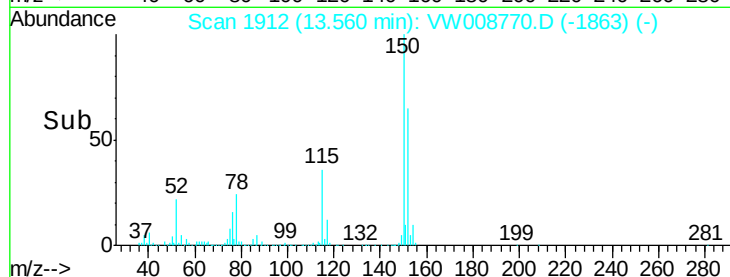
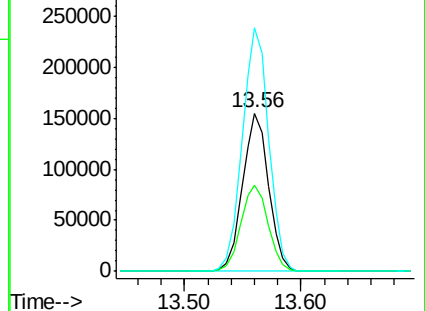
150 155.5 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.062 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008770.D

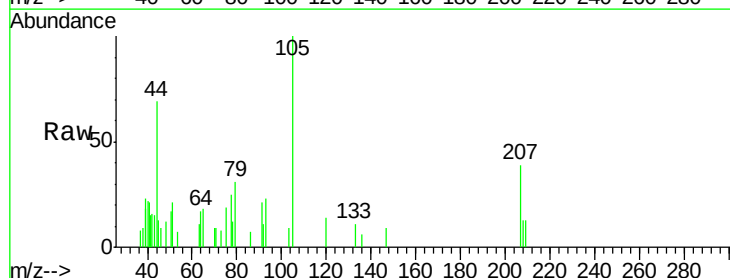
Acq: 21 Feb 2019 15:21

Tgt Ion:105 Resp: 1030

Ion Ratio Lower Upper

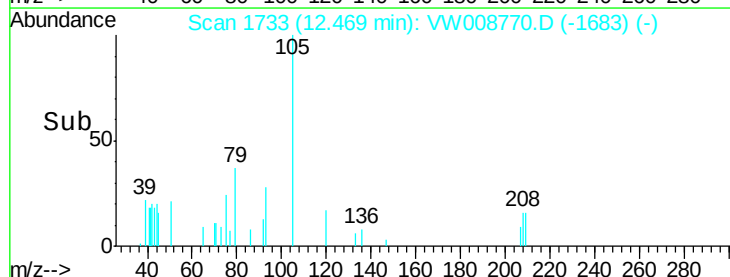
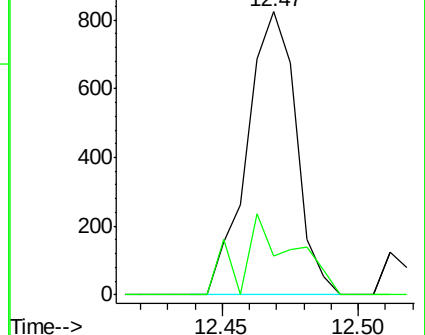
105 100

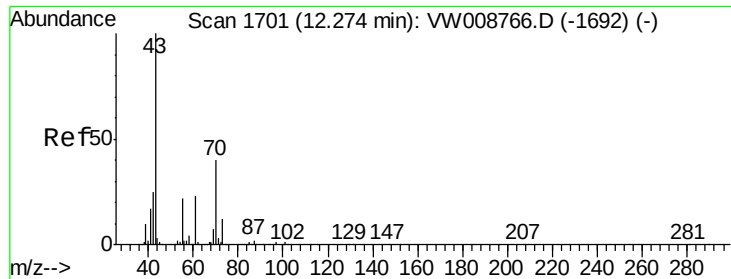
120 30.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

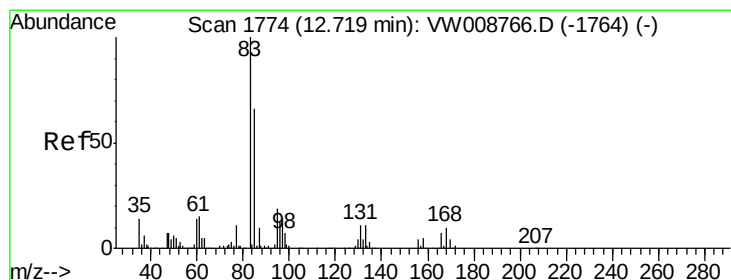
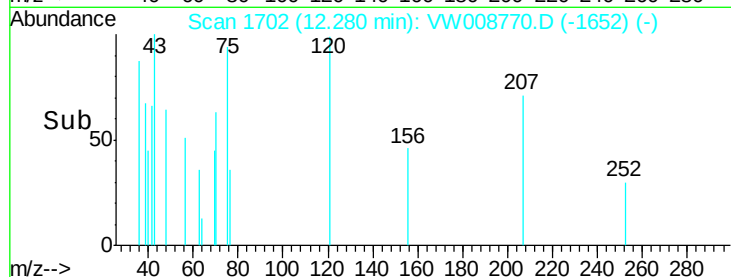
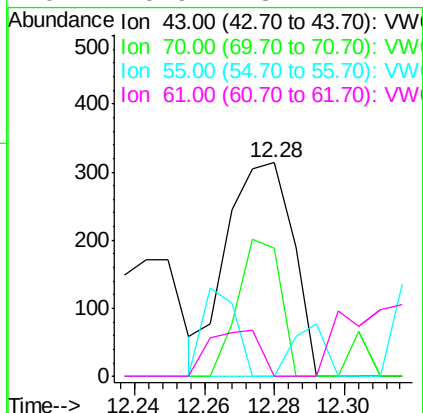
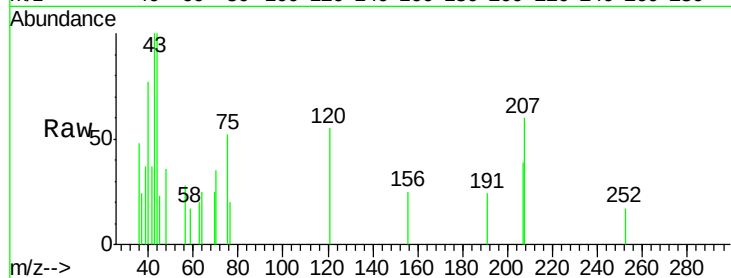




#74
N-amvl acetate
Concen: 0.099 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

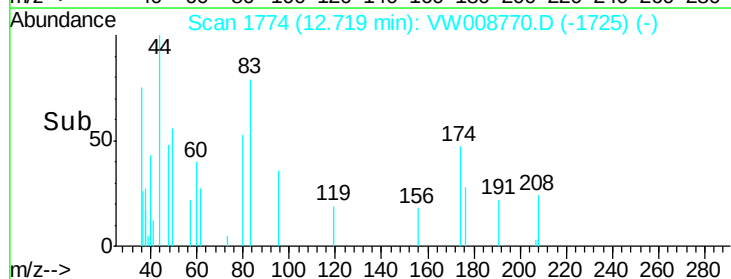
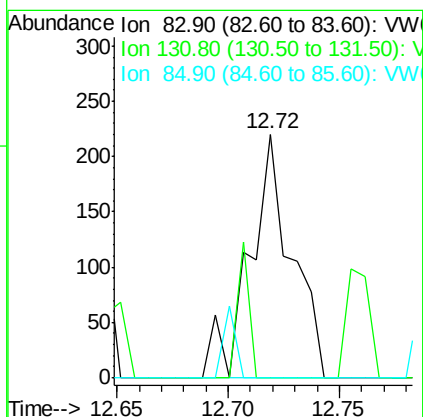
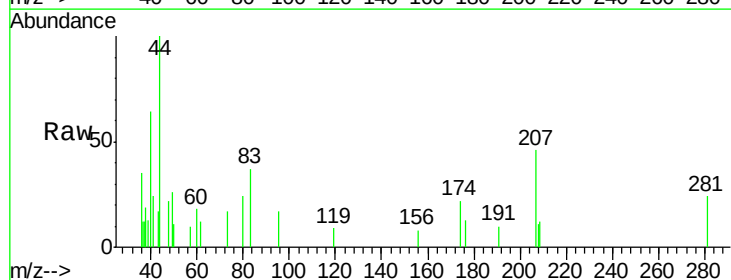
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

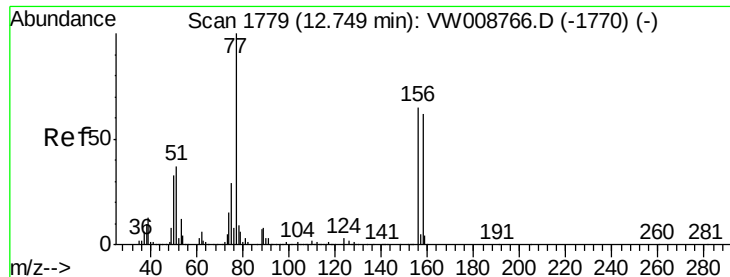
Tot Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
70 41.4 31.0 46.6
55 21.1 18.7 28.1
61 16.9 18.1 27.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.107 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
131 15.6 5.5 16.7
85 8.3 33.0 98.9#





#77

Bromobenzene

Concen: 0.160 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

VW0221SBL01

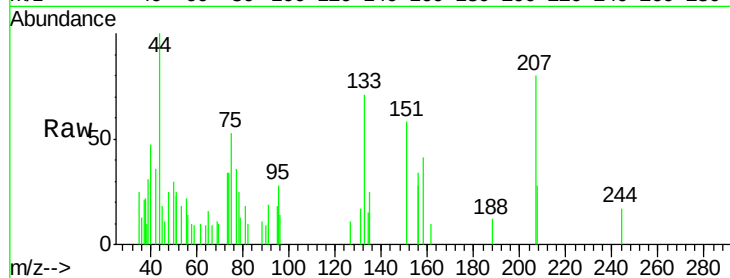
Tot Ion:156 Resp: 628

Ion Ratio Lower Upper

156 100

77 254.5 89.1 267.4

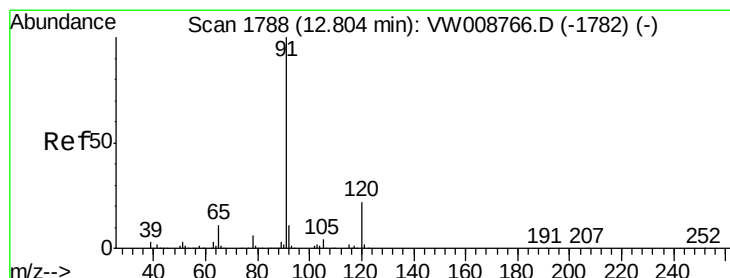
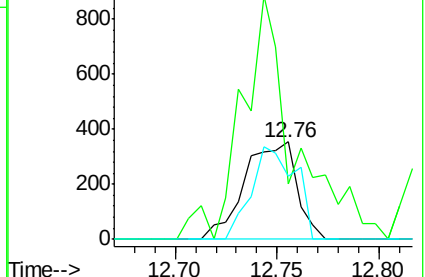
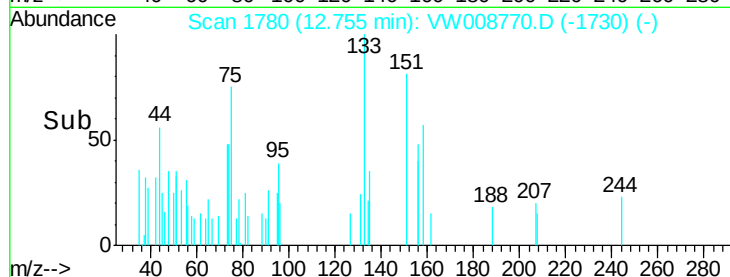
158 81.4 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.082 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW008770.D

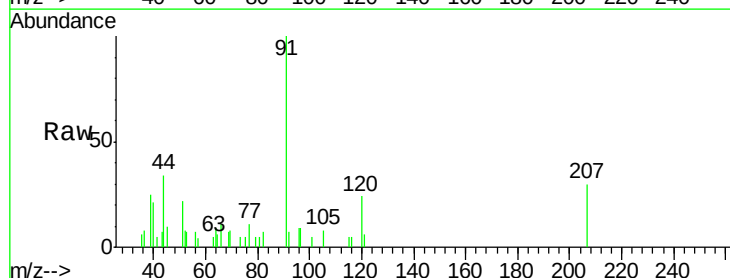
Acq: 21 Feb 2019 15:21

Tgt Ion: 91 Resp: 1671

Ion Ratio Lower Upper

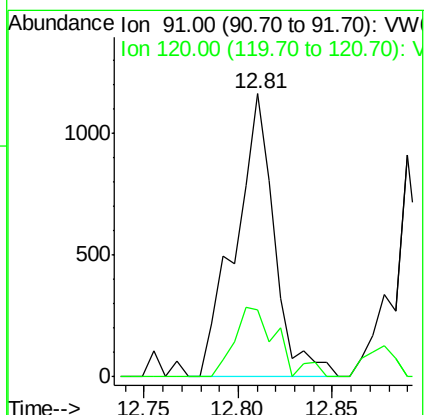
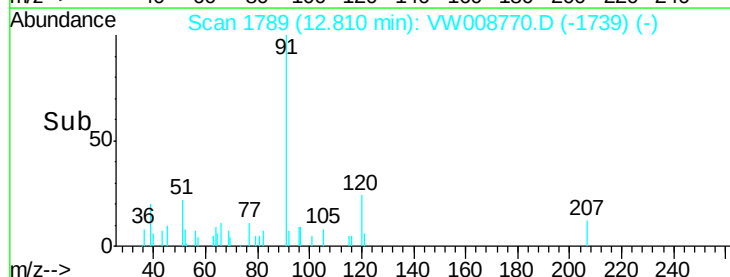
91 100

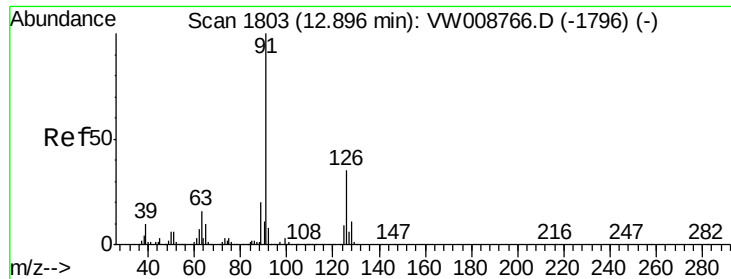
120 27.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

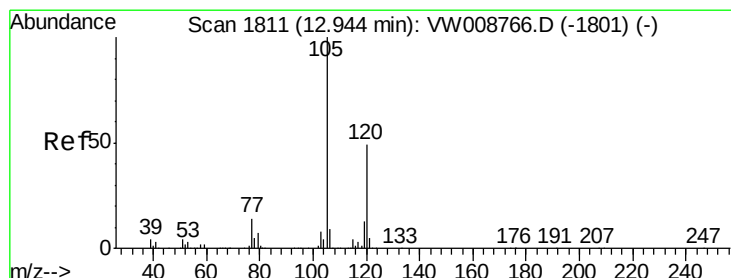
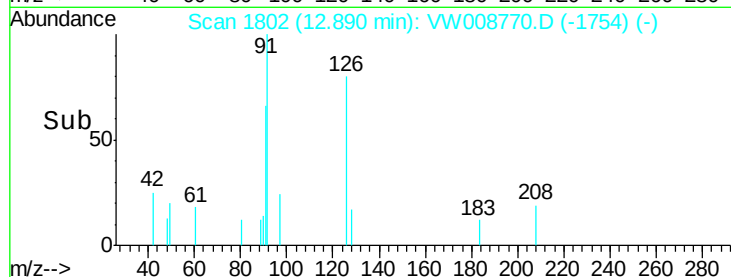
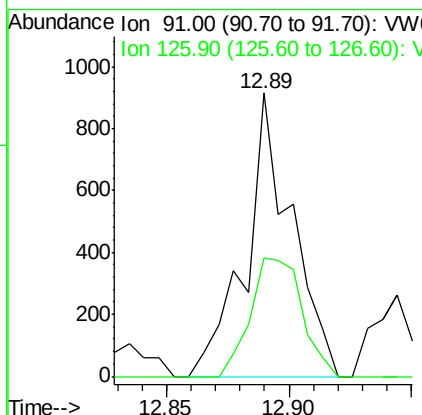
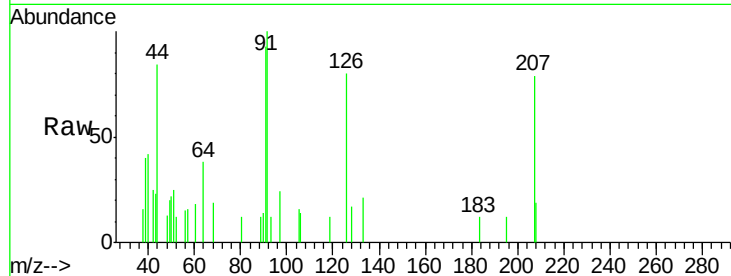




#79
 2-Chlorotoluene
 Concen: 0.105 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

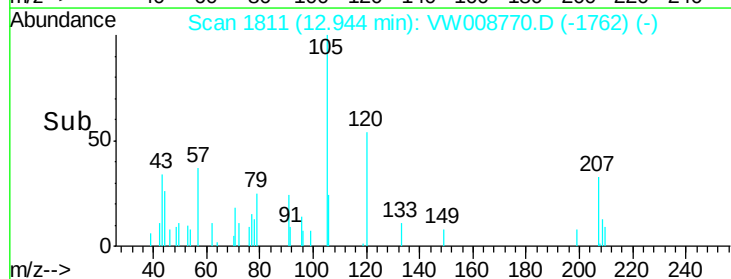
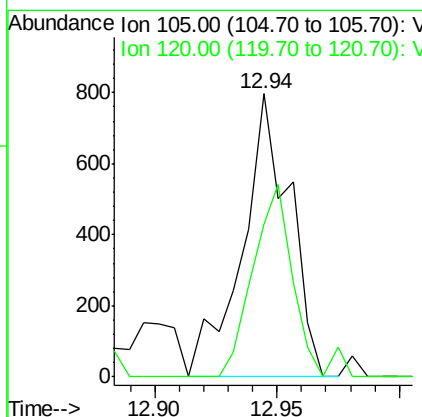
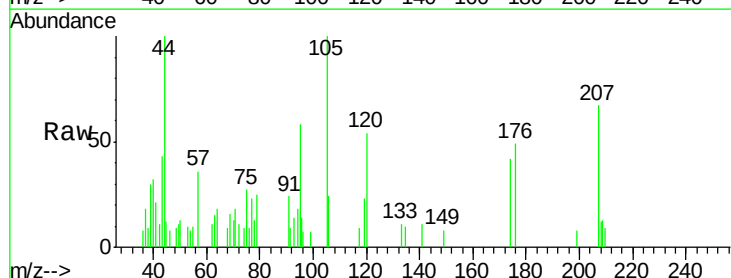
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBL01

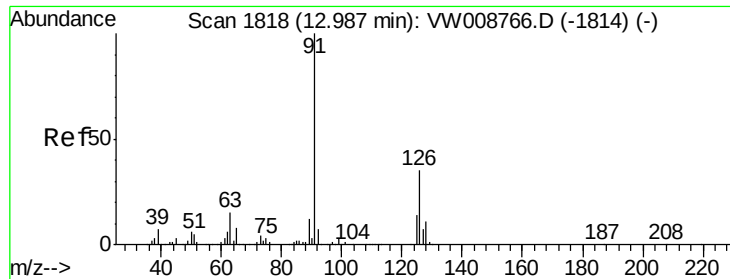
Tot Ion: 91 Resp: 1204
 Ion Ratio Lower Upper
 91 100
 126 46.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.075 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Tgt Ion:105 Resp: 1081
 Ion Ratio Lower Upper
 105 100
 120 58.5 24.8 74.4





#82

4-Chlorotoluene

Concen: 0.151 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

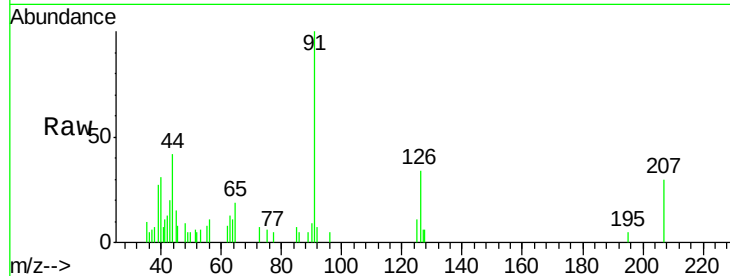
VW0221SBL01

Tot Ion: 91 Resp: 1827

Ion Ratio Lower Upper

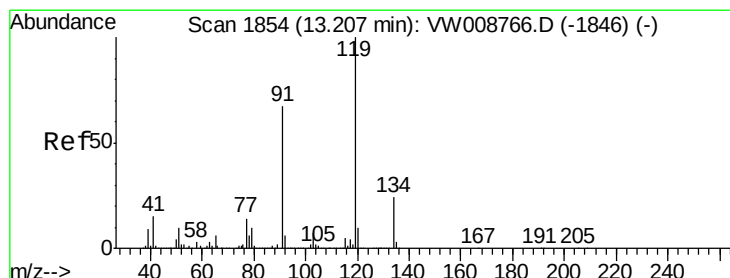
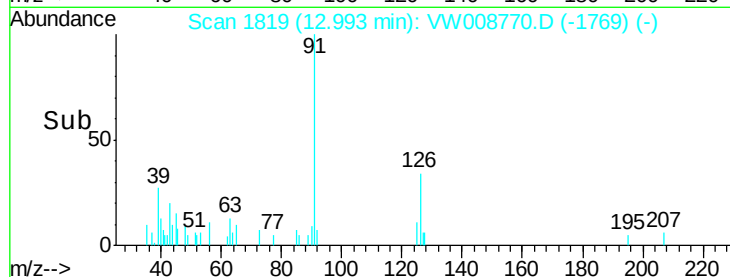
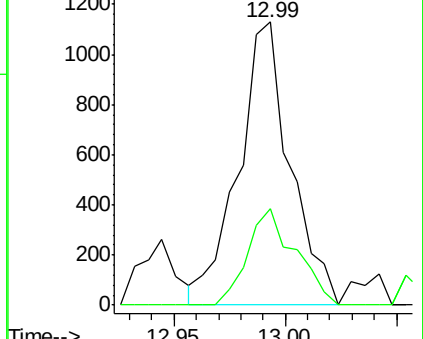
91 100

126 31.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.076 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

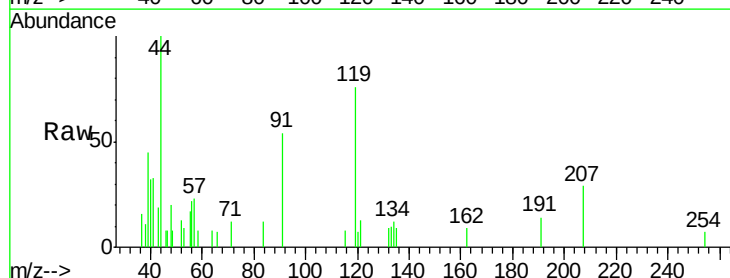
Tgt Ion: 119 Resp: 945

Ion Ratio Lower Upper

119 100

91 82.1 33.6 100.8

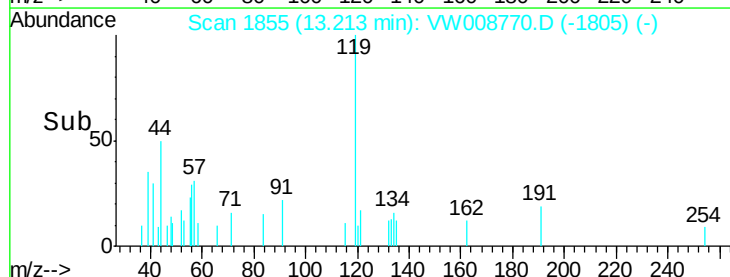
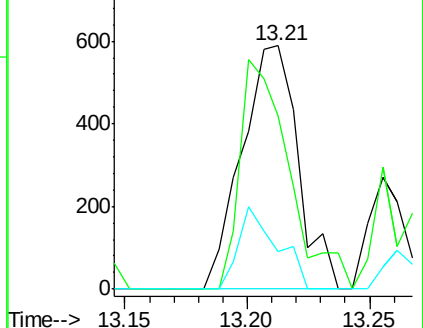
134 23.2 13.7 41.1

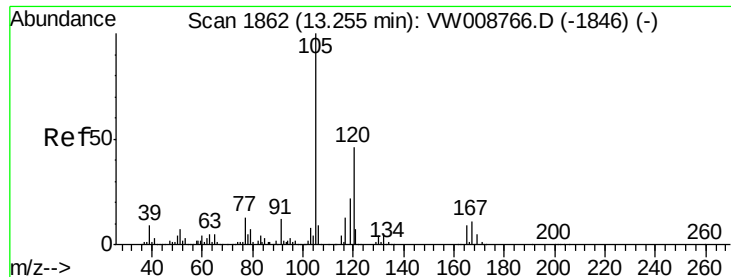


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

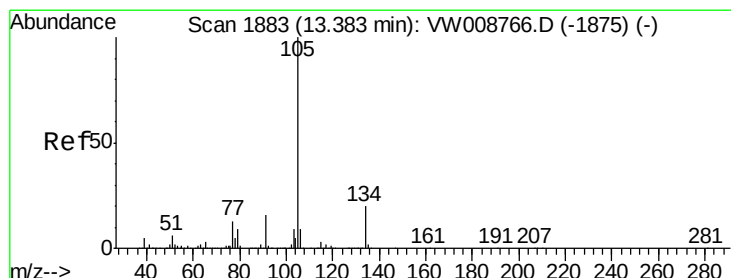
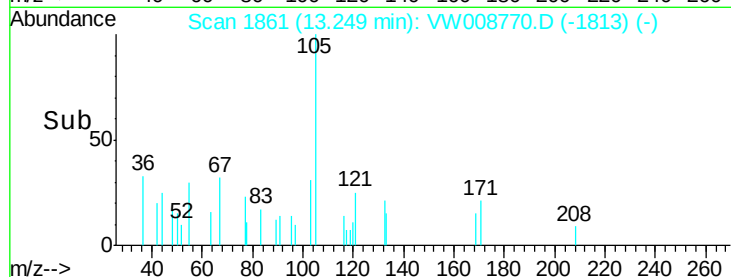
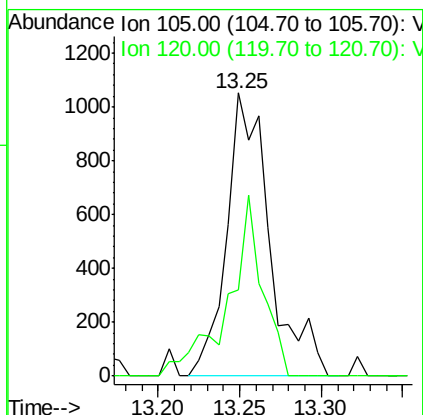
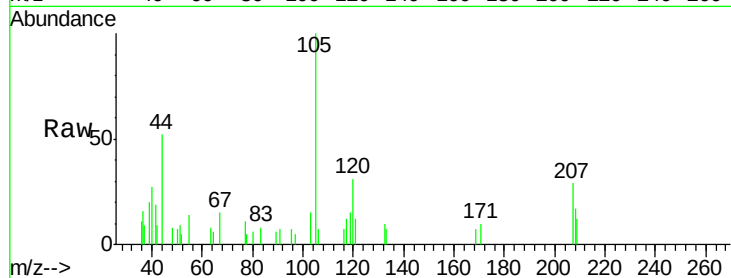




#84
1,2,4-Trimethylbenzene
Concen: 0.130 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

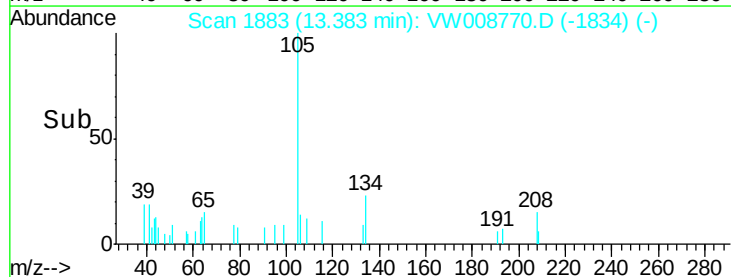
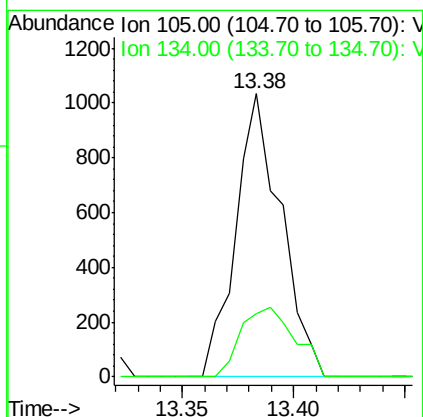
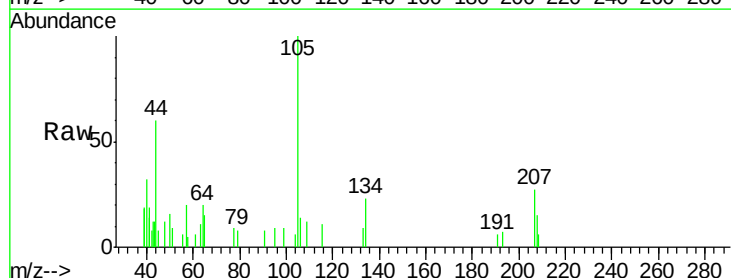
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

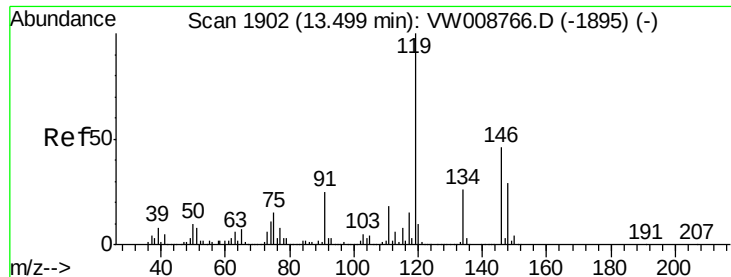
Tot Ion:105 Resp: 1937
Ion Ratio Lower Upper
105 100
120 50.7 22.8 68.4



#85
sec-Butylbenzene
Concen: 0.082 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion:105 Resp: 1463
Ion Ratio Lower Upper
105 100
134 29.5 10.4 31.1

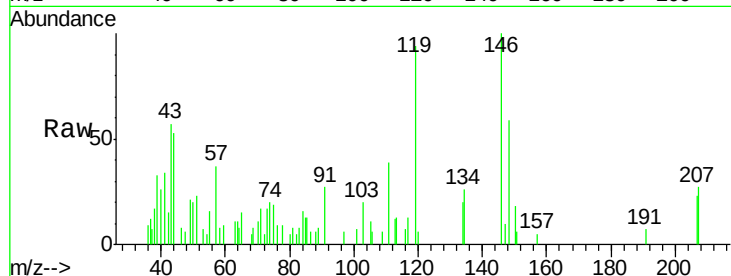




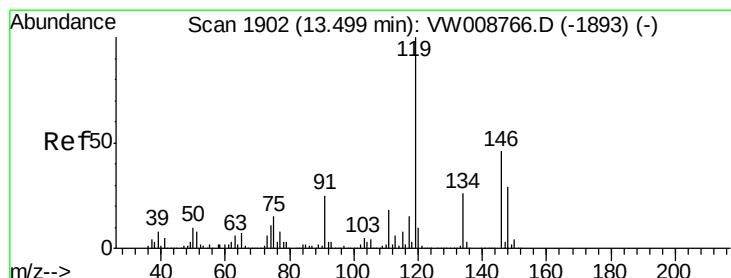
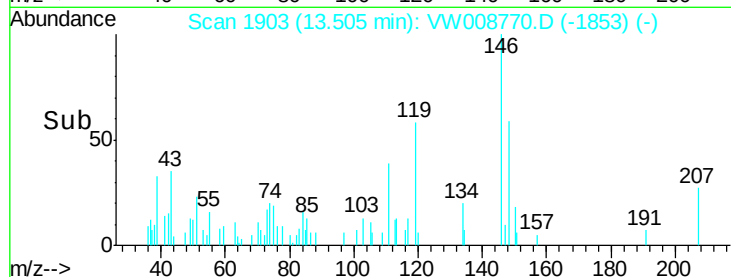
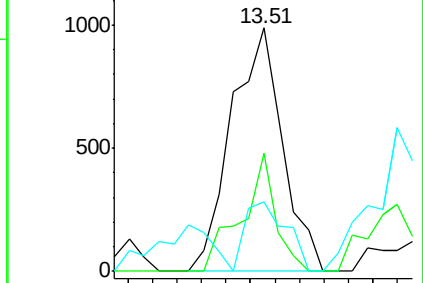
#86
 p-Isopropyltoluene
 Concen: 0.087 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBL01

Tot Ion	Ratio	Lower	Upper
119	100		
134	32.5	13.1	39.3
91	22.9	12.1	36.3

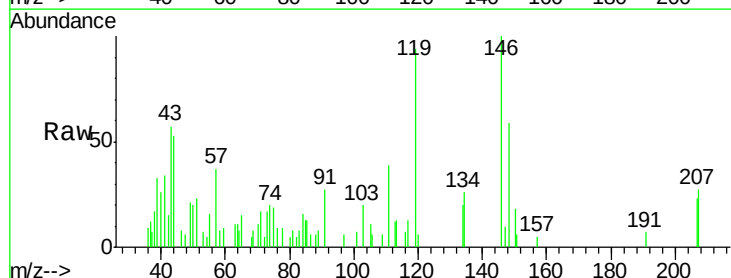


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

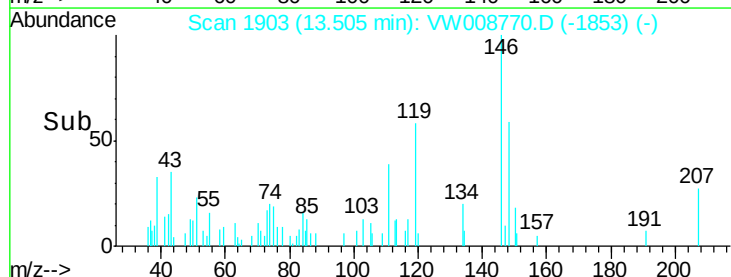
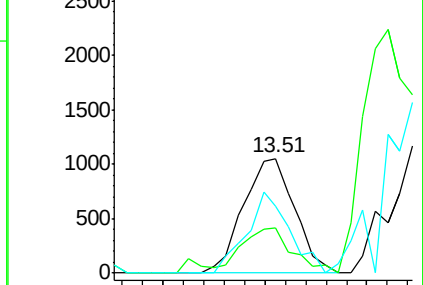


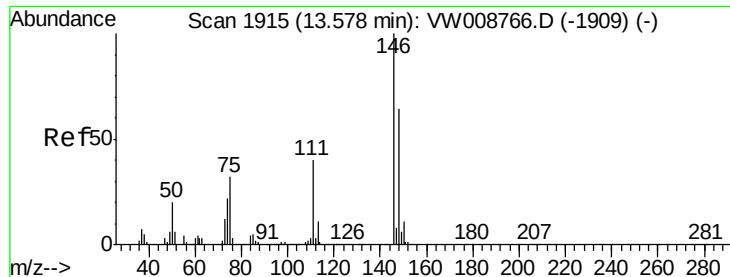
#87
 1,3-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.9	59.7
148	59.2	31.6	94.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.230 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.07 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

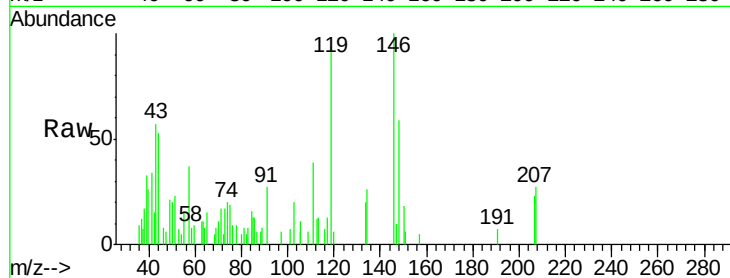
Instrument :

MSVOA_W

ClientSampled :

VW0221SBL01

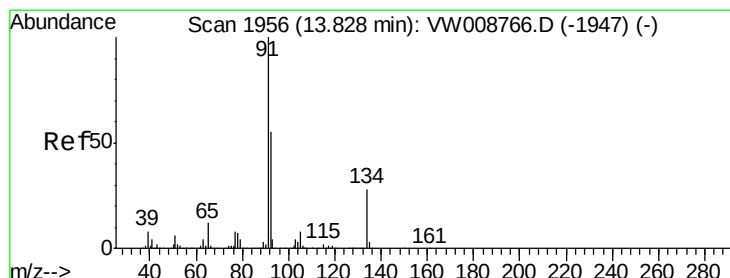
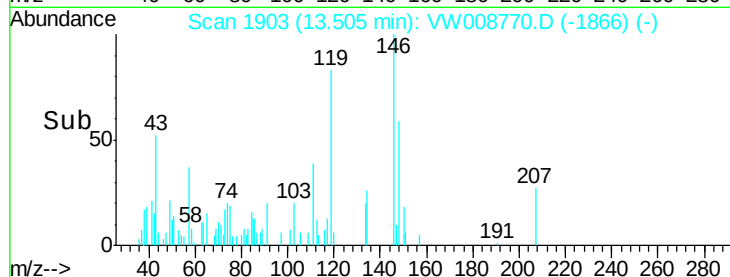
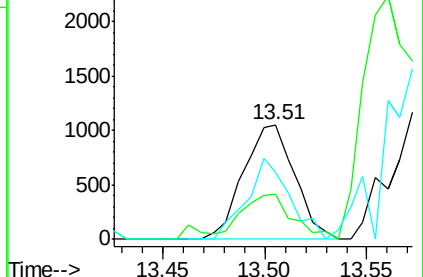
Tot Ion:146	Resp:	1840
Ion	Ratio	Lower Upper
146	100	
111	37.7	19.3 57.9
148	59.2	31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.142 ug/l

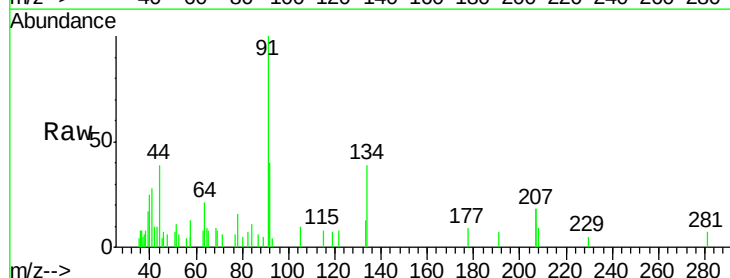
RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

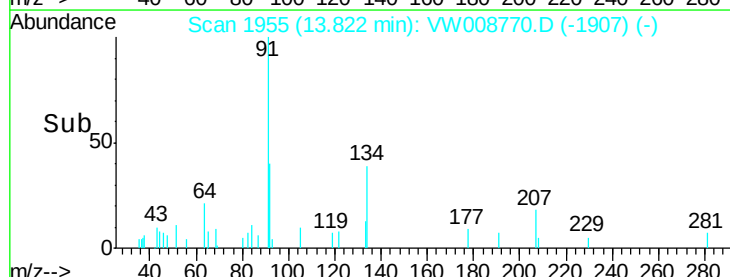
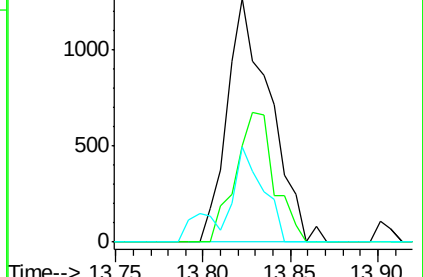
Tgt Ion: 91	Resp:	2180
Ion	Ratio	Lower Upper
91	100	
92	47.8	26.8 80.4
134	26.1	13.5 40.4

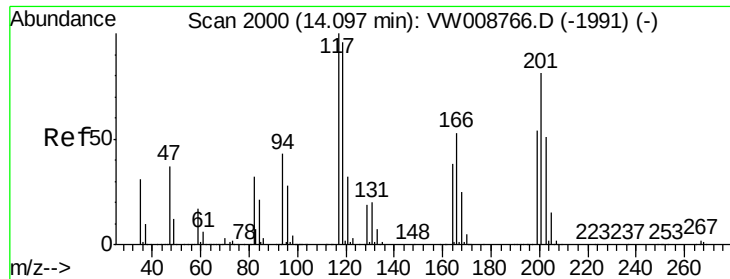


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.020 ug/l

RT: 13.90 min Scan# 1967

Delta R.T. -0.20 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

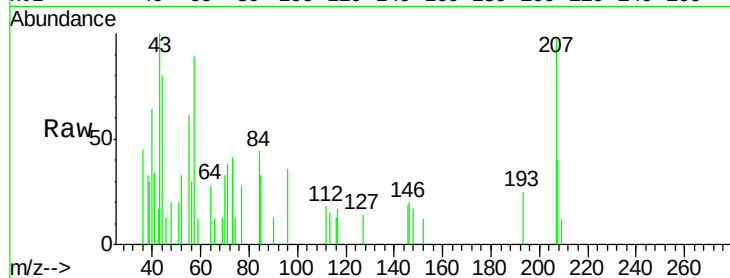
VW0221SBL01

Tot Ion:117 Resp: 55

Ion Ratio Lower Upper

117 100

201 45.5 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.90

80

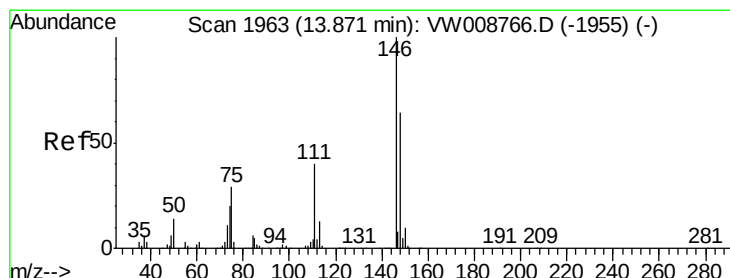
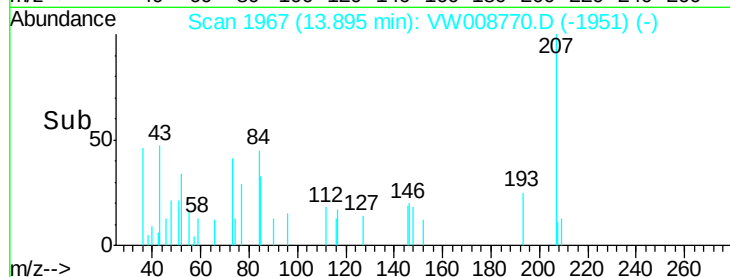
60

40

20

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.241 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

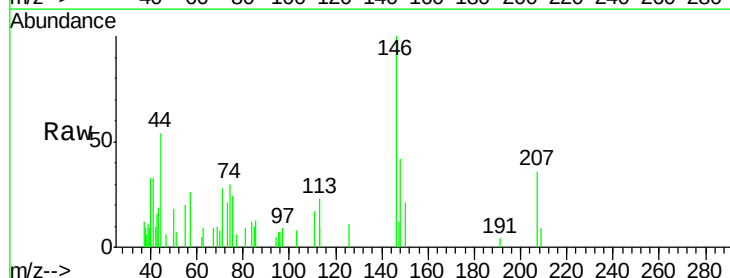
Tgt Ion:146 Resp: 1746

Ion Ratio Lower Upper

146 100

111 34.7 20.3 60.8

148 64.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.88

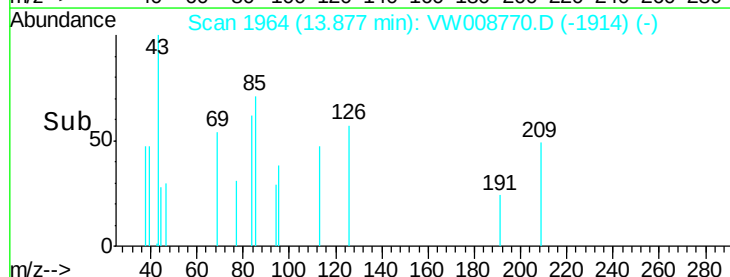
1500

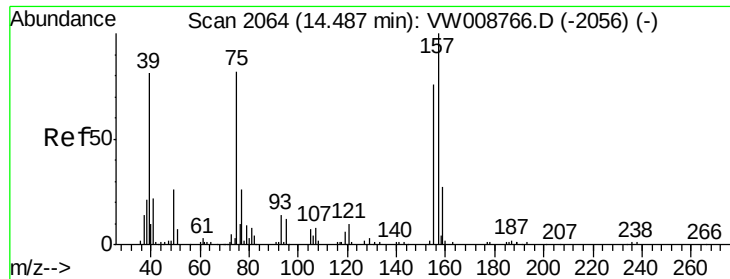
1000

500

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.461 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

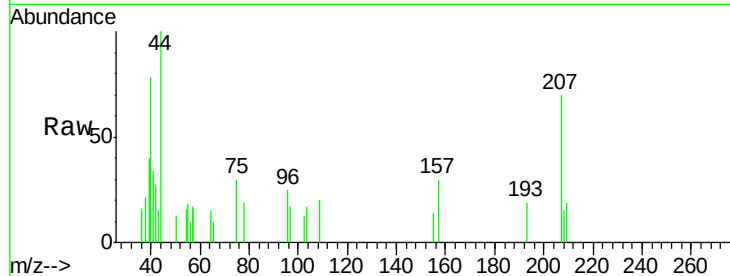
Tot Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

155 60.6 41.8 125.4

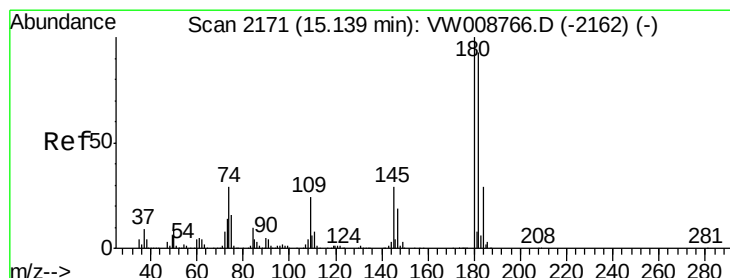
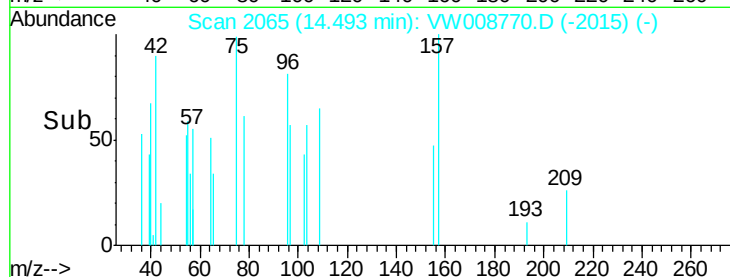
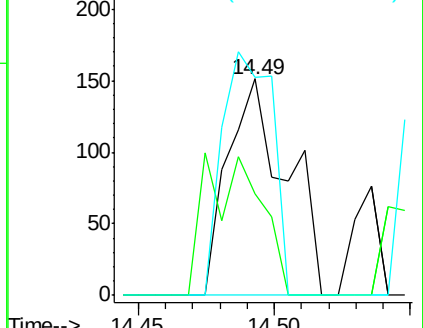
157 96.0 56.6 169.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.472 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

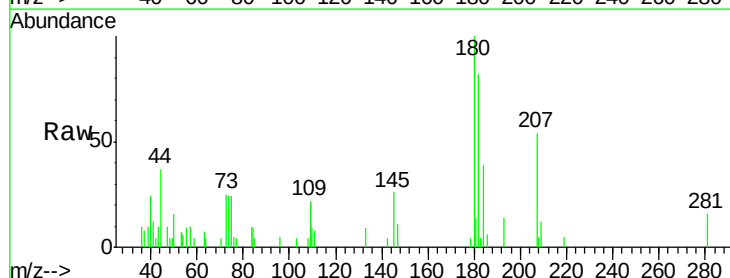
Tgt Ion: 180 Resp: 2462

Ion Ratio Lower Upper

180 100

182 88.2 47.2 141.6

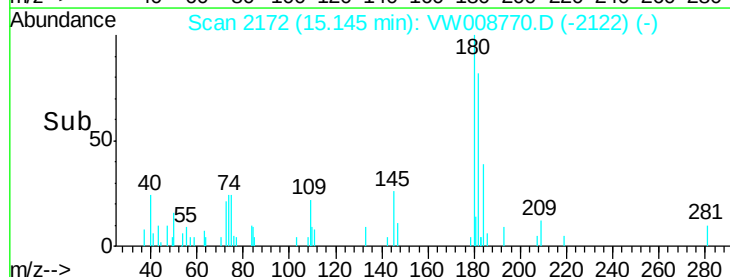
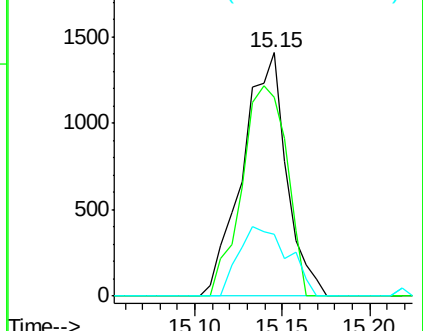
145 32.1 14.4 43.0

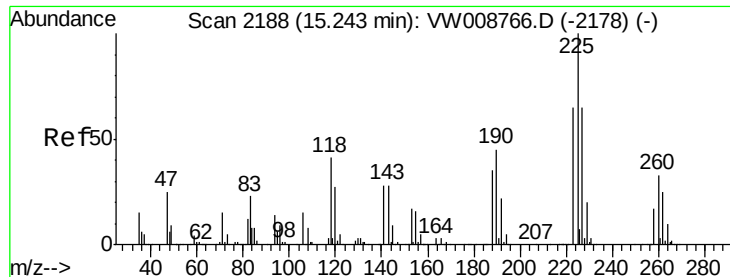


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.293 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

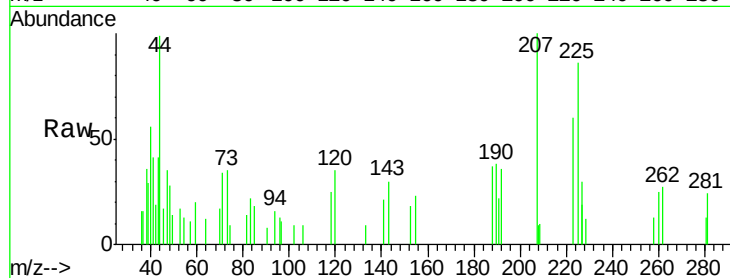
Tot Ion:225 Resp: 902

Ion Ratio Lower Upper

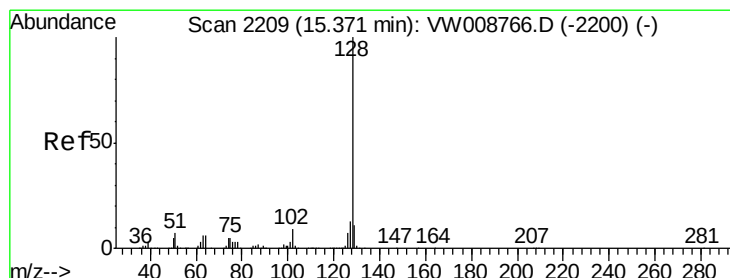
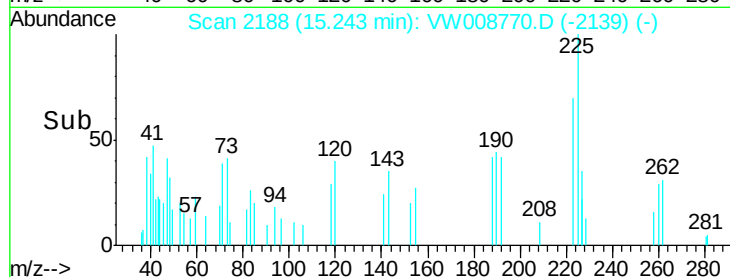
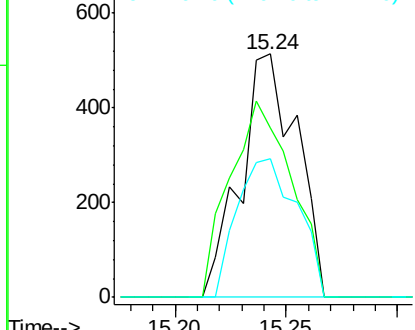
225 100

223 88.6 31.5 94.5

227 60.9 31.6 94.8



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: 0.541 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

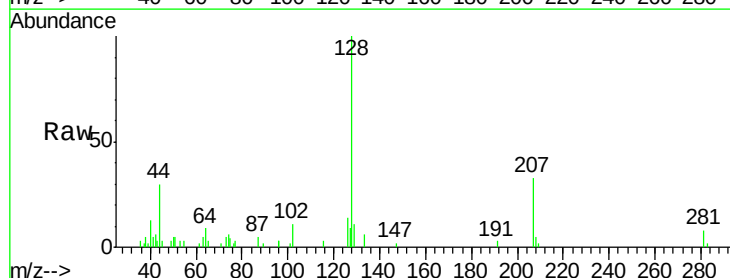
Tgt Ion:128 Resp: 4807

Ion Ratio Lower Upper

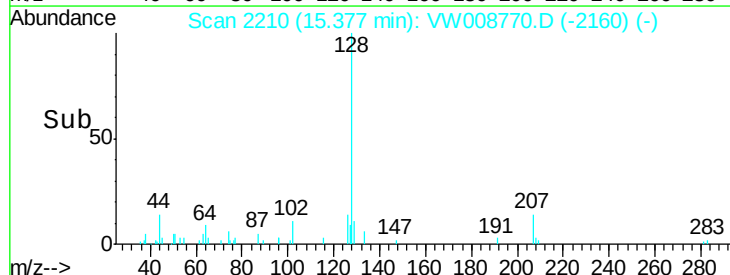
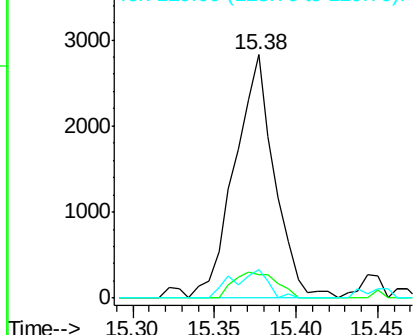
128 100

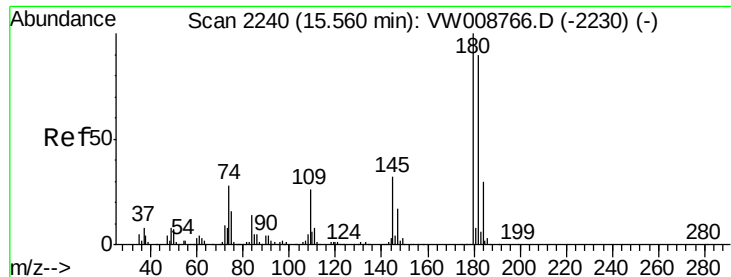
127 11.5 10.8 16.2

129 10.5 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: 0.546 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.8
145	33.3	15.9	47.6

