

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008773.D
 Acq On : 21 Feb 2019 16:50
 Operator : SY/VA
 Sample : K1344-03
 Misc : 7.25G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-022019-B

Quant Time: Feb 22 01:06:00 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	376235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	576024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	496146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217206	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	206345	58.48	ug/l	0.00
Spiked Amount			Recovery	=	116.96%	
35) Dibromofluoromethane	7.88	113	176040	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.32	98	679477	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	224941	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	123	0.033	ug/l #	42
3) Chloromethane	2.21	50	613	0.134	ug/l	91
4) Vinyl Chloride	2.36	62	51	0.011	ug/l #	1
5) Bromomethane	2.78	94	761	0.211	ug/l #	27
6) Chloroethane	2.93	64	513	0.149	ug/l #	46
7) Trichlorofluoromethane	3.24	101	142	0.023	ug/l #	66
8) Diethyl Ether	3.49	74	274	0.141	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.88	101	22	0.006	ug/l #	53
10) Methyl Iodide	4.28	142	673	0.144	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	123	0.037	ug/l #	1
14) Allyl chloride	4.68	41	385	0.068	ug/l #	76
15) Acrylonitrile	5.37	53	303	0.363	ug/l #	35
16) Acetone	4.13	43	88431	108.115	ug/l	99
18) Methyl Acetate	4.68	43	1592	0.821	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	256	0.029	ug/l #	80
21) trans-1,2-Dichloroethene	5.42	96	102	0.027	ug/l #	1
22) Diisopropyl ether	6.32	45	83	0.007	ug/l #	46
23) Vinyl Acetate	6.27	43	477	0.068	ug/l #	73
24) 1,1-Dichloroethane	6.20	63	218	0.033	ug/l #	82
25) 2-Butanone	7.18	43	18049	15.784	ug/l	91
27) cis-1,2-Dichloroethene	7.18	96	218	0.053	ug/l #	8
28) Bromochloromethane	7.51	49	60	0.022	ug/l #	13
30) Chloroform	7.67	83	323	0.048	ug/l	87
32) 1,1,1-Trichloroethane	7.87	97	30	0.005	ug/l #	24
39) Methylcyclohexane	9.33	83	979	0.140	ug/l #	42
40) Benzene	8.32	78	1387	0.091	ug/l #	85
41) Methacrylonitrile	7.50	41	197	0.129	ug/l #	40
42) 1,2-Dichloroethane	8.40	62	849	0.175	ug/l	82
43) Isopropyl Acetate	8.41	43	242	0.047	ug/l #	52
44) Trichloroethene	9.08	130	198	0.046	ug/l	37
45) 1,2-Dichloropropane	9.35	63	82	0.022	ug/l #	43
46) Dibromomethane	9.46	93	127	0.060	ug/l #	1
47) Bromodichloromethane	9.65	83	96	0.019	ug/l #	24
48) Methyl methacrylate	9.43	41	143	0.057	ug/l #	59

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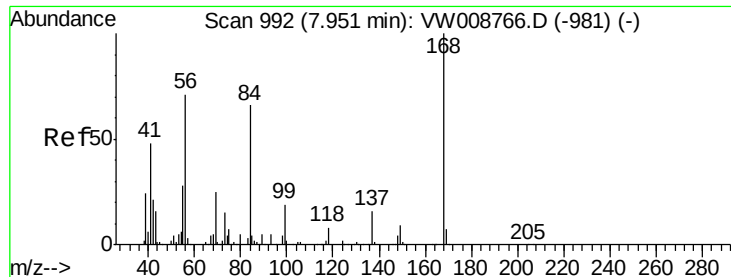
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) 1,4-Dioxane	9.49	88	25	0.742	ug/l #	1
52) Toluene	10.38	92	61988	5.966	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	475	0.091	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	259	0.044	ug/l #	48
55) 1,1,2-Trichloroethane	10.80	97	265	0.093	ug/l #	44
56) Ethyl methacrylate	10.65	69	234	0.063	ug/l #	56
57) 1,3-Dichloropropane	10.91	76	311	0.062	ug/l #	53
58) 2-Chloroethyl Vinyl ether	9.91	63	80	0.043	ug/l #	61
59) 2-Hexanone	10.96	43	1121	0.596	ug/l	100
60) Dibromochloromethane	11.11	129	37	0.011	ug/l #	10
61) 1,2-Dibromoethane	11.24	107	77	0.027	ug/l #	22
64) Tetrachloroethene	10.86	164	203	0.057	ug/l #	52
65) Chlorobenzene	11.66	112	1073	0.103	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.76	131	38	0.011	ug/l #	33
67) Ethyl Benzene	11.73	91	6623	0.355	ug/l	100
68) m/p-Xylenes	11.84	106	8927	1.198	ug/l	96
69) o-Xylene	12.16	106	3445	0.493	ug/l	98
70) Styrene	12.18	104	1252	0.111	ug/l #	62
71) Bromoform	12.59	173	42	0.022	ug/l #	29
73) Isopropylbenzene	12.47	105	1010	0.068	ug/l	93
74) N-amyl acetate	12.25	43	1060	0.283	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.70	83	374	0.154	ug/l	66
77) Bromobenzene	12.75	156	430	0.122	ug/l #	40
78) n-propylbenzene	12.81	91	2361	0.130	ug/l	96
79) 2-Chlorotoluene	12.90	91	1345	0.130	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	1977	0.153	ug/l	95
82) 4-Chlorotoluene	12.99	91	1676	0.154	ug/l	86
83) tert-Butylbenzene	13.21	119	1119	0.100	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	4908	0.366	ug/l	91
85) sec-Butylbenzene	13.38	105	2225	0.138	ug/l	97
86) p-Isopropyltoluene	13.50	119	2064	0.140	ug/l	91
87) 1,3-Dichlorobenzene	13.49	146	2017	0.276	ug/l	94
88) 1,4-Dichlorobenzene	13.49	146	2017	0.280	ug/l	93
89) n-Butylbenzene	13.82	91	3342	0.242	ug/l	94
90) Hexachloroethane	14.11	117	760	0.315	ug/l #	26
91) 1,2-Dichlorobenzene	13.88	146	1479	0.227	ug/l #	76
92) 1,2-Dibromo-3-Chloropropan	14.48	75	349	0.793	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.14	180	2738	0.584	ug/l #	76
94) Hexachlorobutadiene	15.24	225	786	0.285	ug/l	76
95) Naphthalene	15.37	128	6312	0.791	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	2413	0.595	ug/l #	72

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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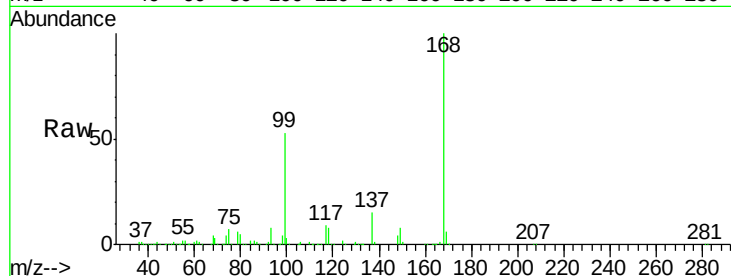
NB-08-022019-B

Tot Ion:168 Resp: 376235

Ion Ratio Lower Upper

168 100

99 53.1 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

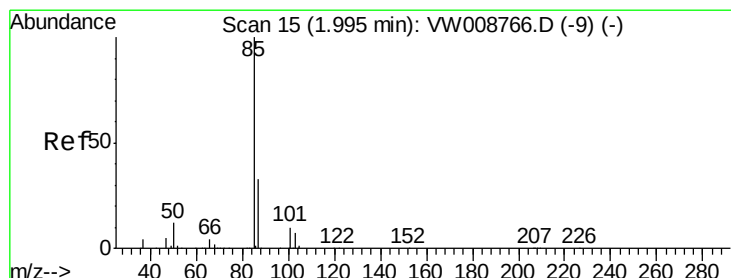
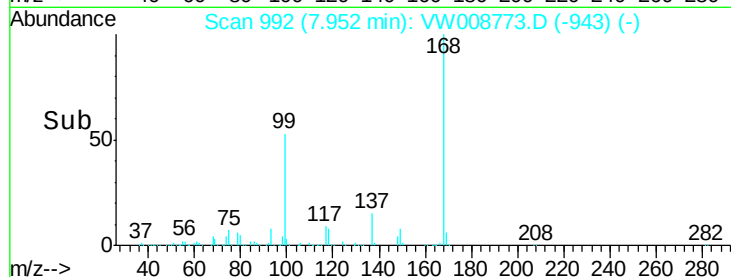
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.033 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008773.D

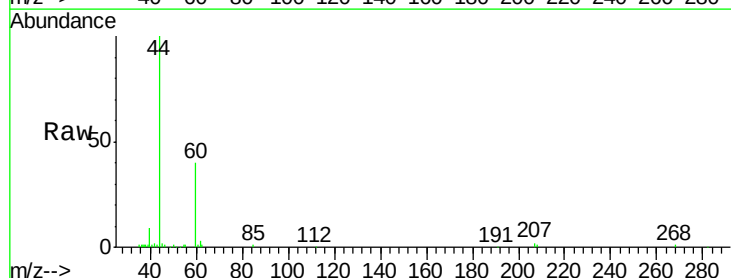
Acq: 21 Feb 2019 16:50

Tgt Ion: 85 Resp: 123

Ion Ratio Lower Upper

85 100

87 0.0 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

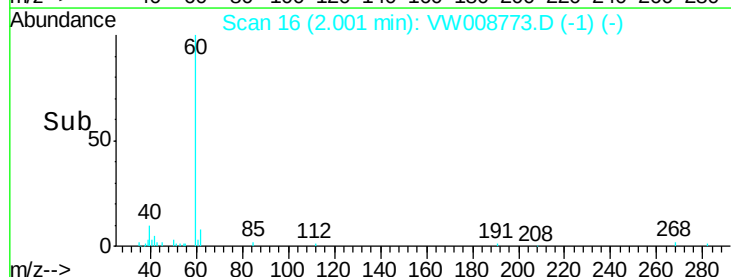
150

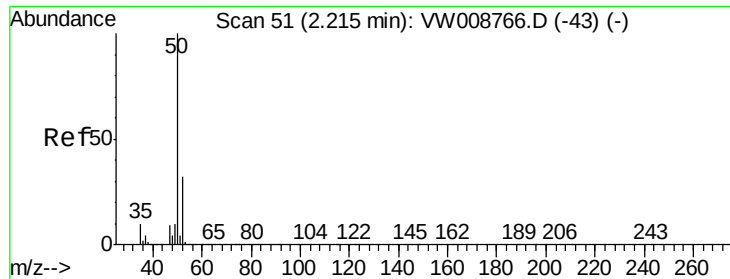
100

50

0

Time-->





#3

Chloromethane

Concen: 0.134 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

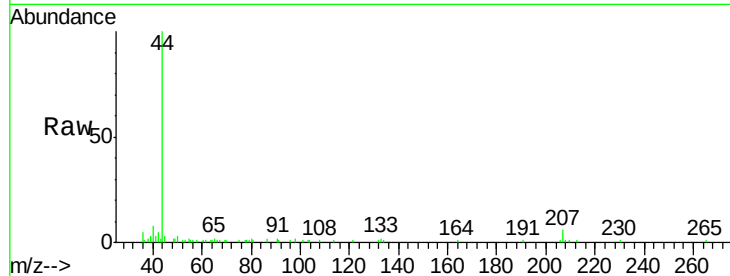
NB-08-022019-B

Tot Ion: 50 Resp: 613

Ion Ratio Lower Upper

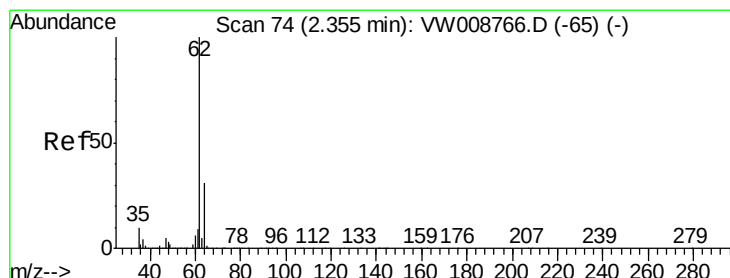
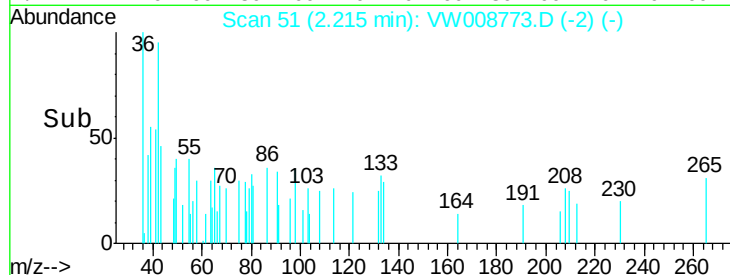
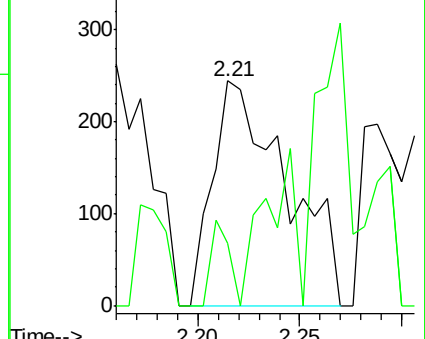
50 100

52 27.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 0.011 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW008773.D

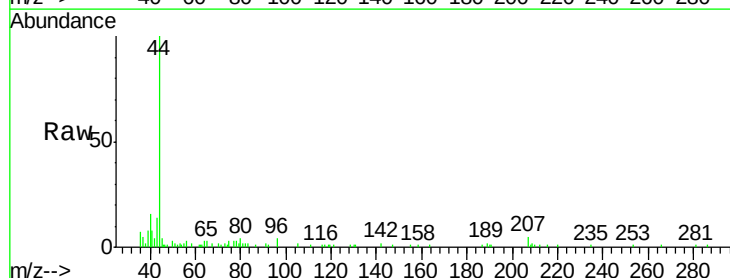
Acq: 21 Feb 2019 16:50

Tgt Ion: 62 Resp: 51

Ion Ratio Lower Upper

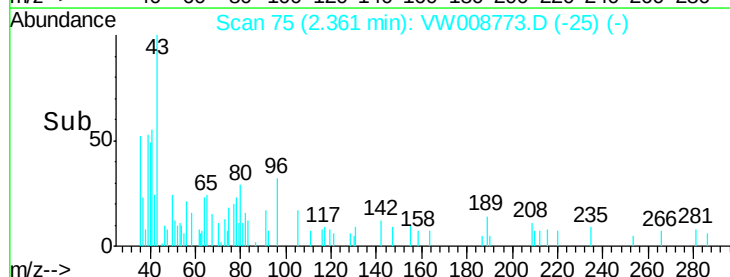
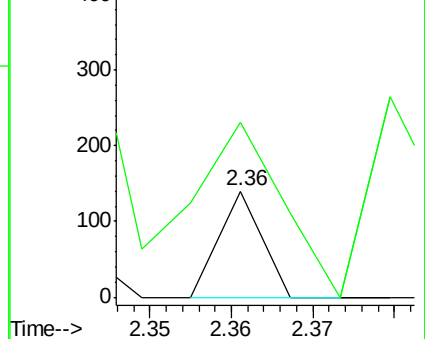
62 100

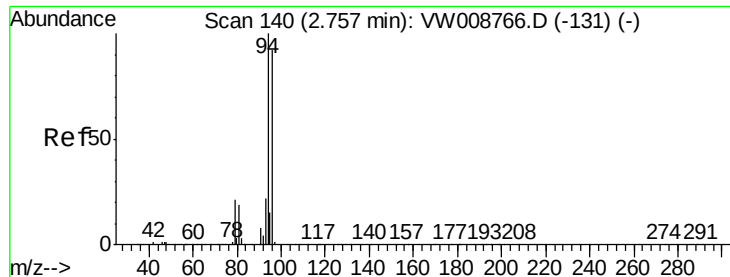
64 165.0 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 0.211 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.02 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

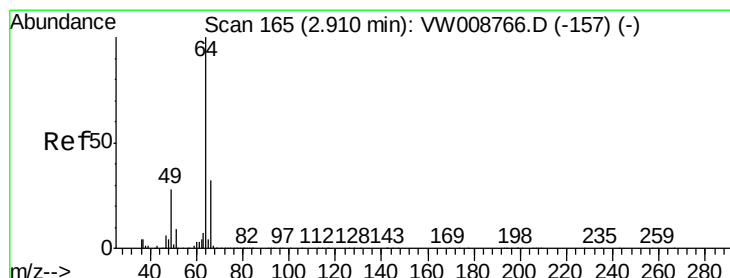
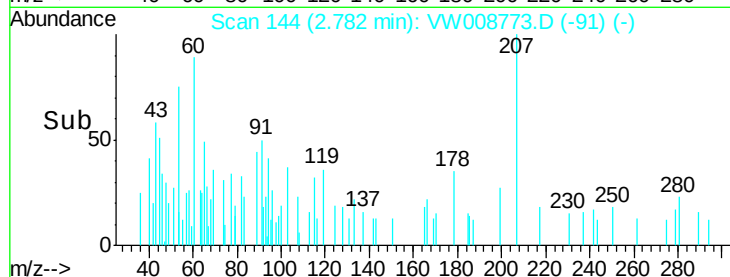
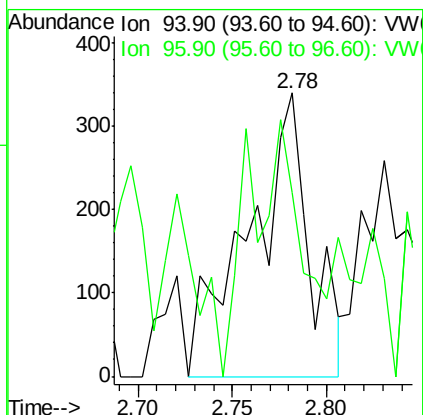
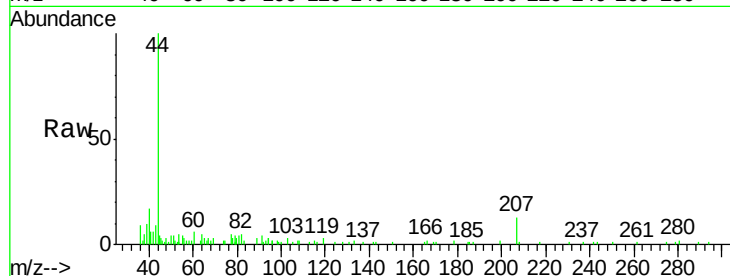
NB-08-022019-B

Tot Ion: 94 Resp: 761

Ion Ratio Lower Upper

94 100

96 22.1 73.4 110.2#



#6

Chloroethane

Concen: 0.149 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.02 min

Lab File: VW008773.D

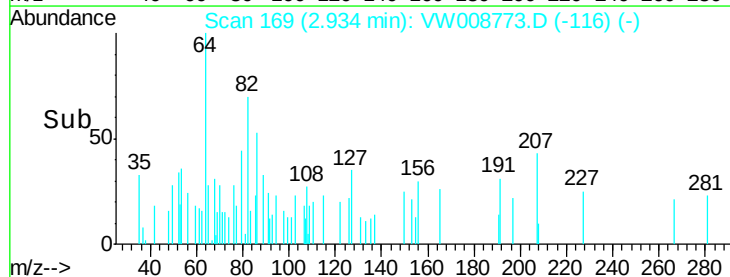
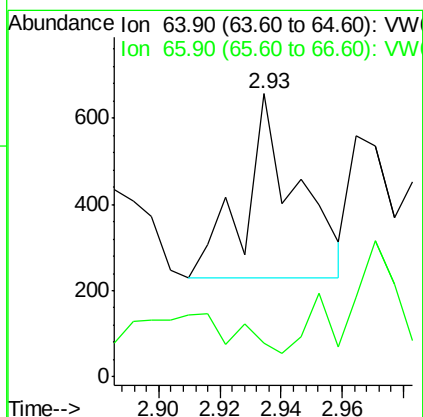
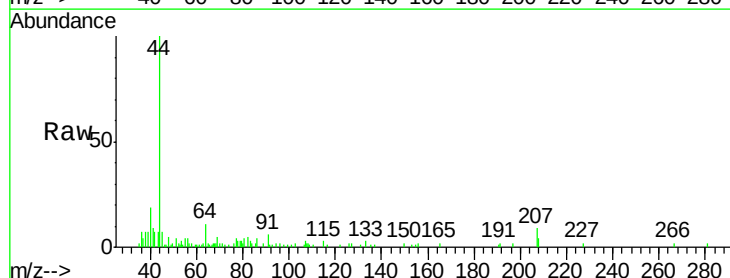
Acq: 21 Feb 2019 16:50

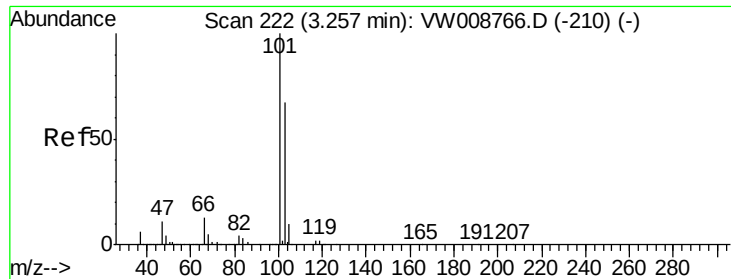
Tgt Ion: 64 Resp: 513

Ion Ratio Lower Upper

64 100

66 2.1 25.5 38.3#





#7

Trichlorofluoromethane

Concen: 0.023 ug/l

RT: 3.24 min Scan# 219

Delta R.T. -0.02 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

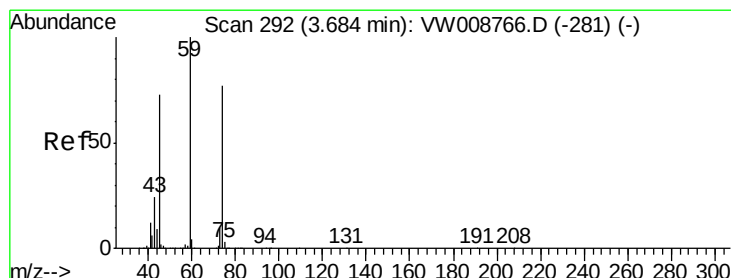
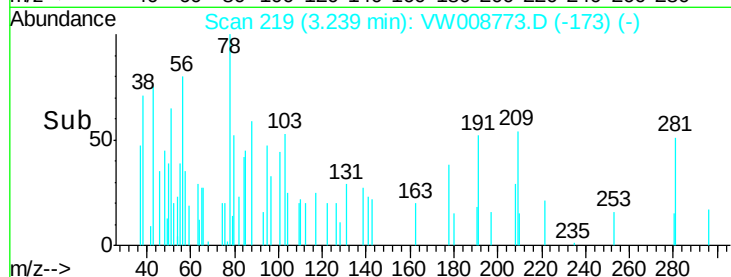
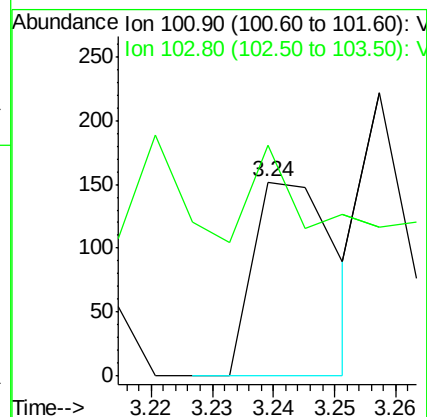
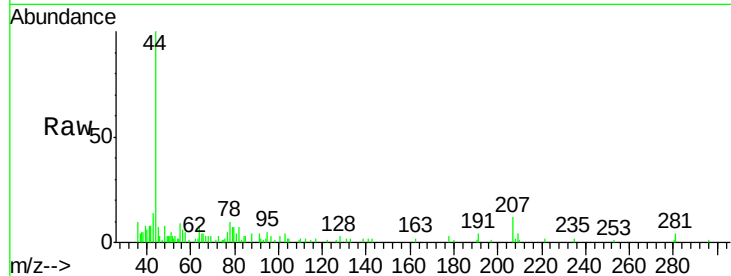
NB-08-022019-B

Tot Ion:101 Resp: 142

Ion Ratio Lower Upper

101 100

103 40.1 53.9 80.9#



#8

Diethyl Ether

Concen: 0.141 ug/l

RT: 3.49 min Scan# 260

Delta R.T. -0.19 min

Lab File: VW008773.D

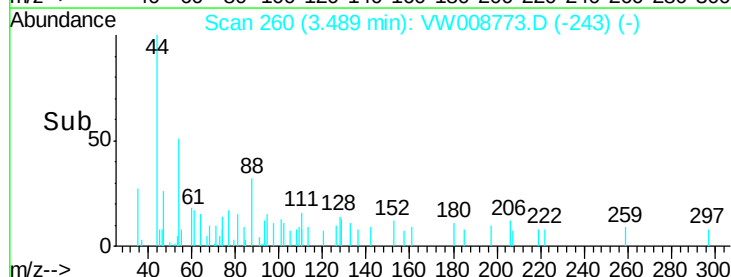
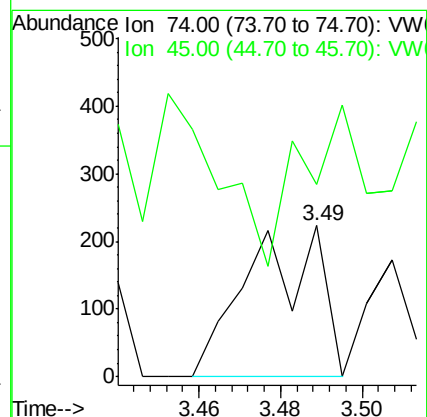
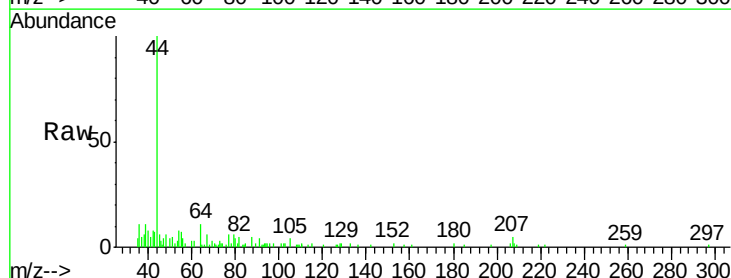
Acq: 21 Feb 2019 16:50

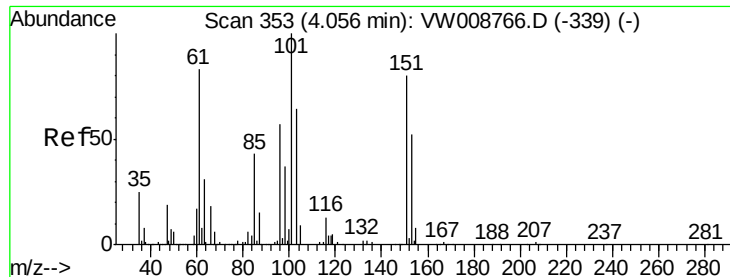
Tgt Ion: 74 Resp: 274

Ion Ratio Lower Upper

74 100

45 86.9 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.006 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.18 min

Lab File: VW008773.D

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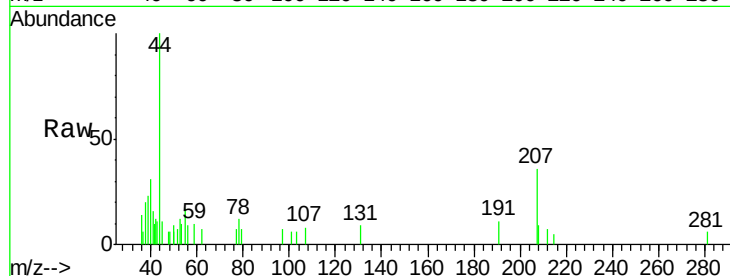
Tot Ion:101 Resp: 22

Ion Ratio Lower Upper

101 100

85 0.0 36.0 54.0#

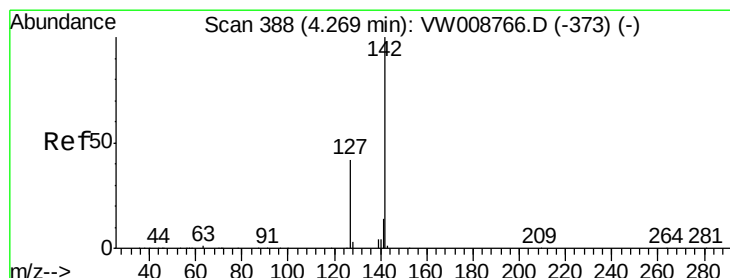
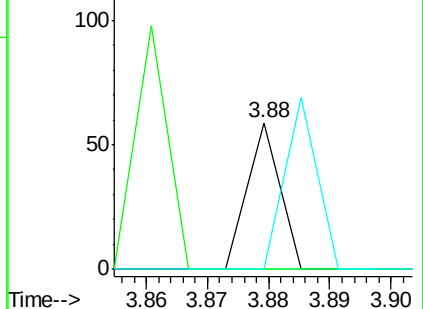
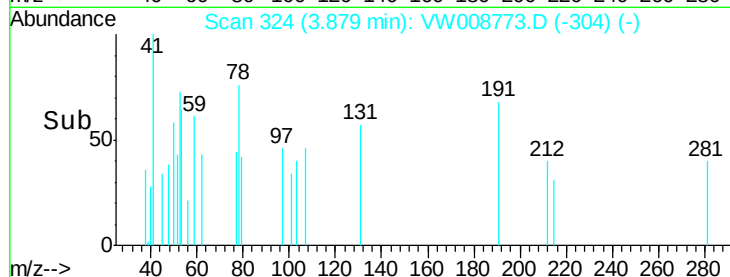
151 113.6 65.5 98.3#



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: 0.144 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

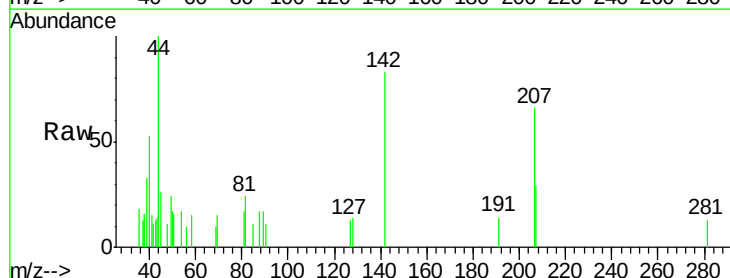
Tgt Ion:142 Resp: 673

Ion Ratio Lower Upper

142 100

127 35.5 35.3 52.9

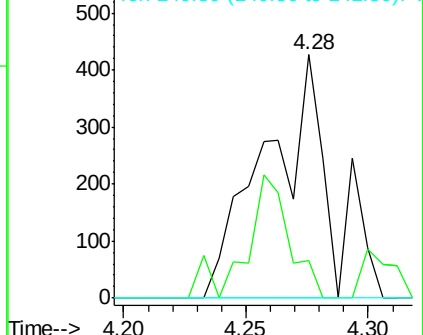
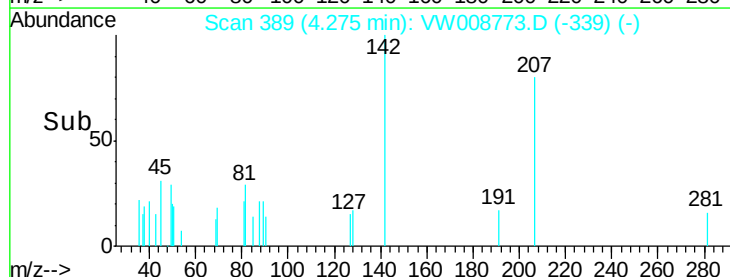
141 0.0 11.7 17.5#

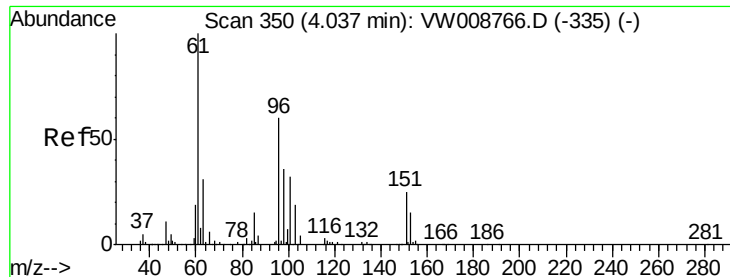


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#12

1,1-Dichloroethene

Concen: 0.037 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW008773.D

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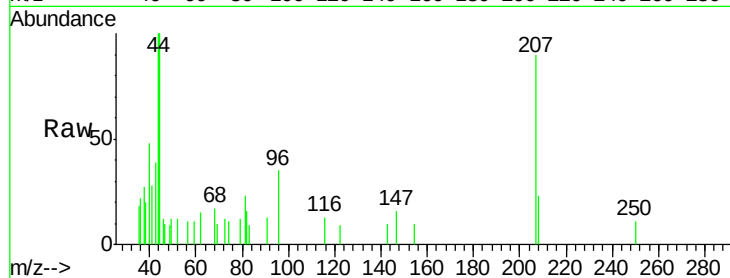
Tot Ion: 96 Resp: 123

Ion Ratio Lower Upper

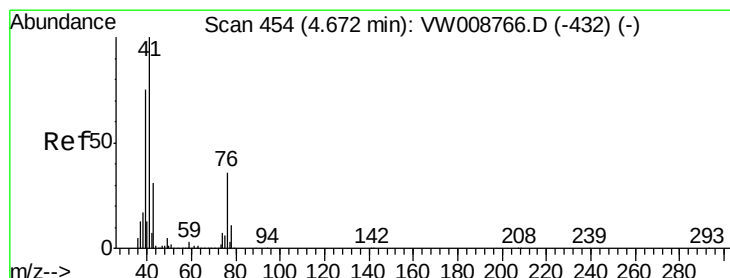
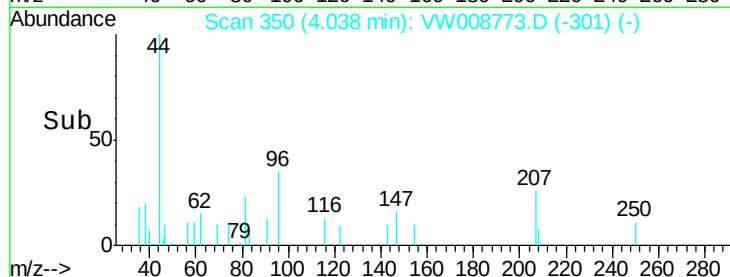
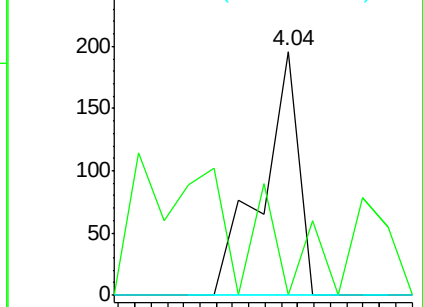
96 100

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: 0.068 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

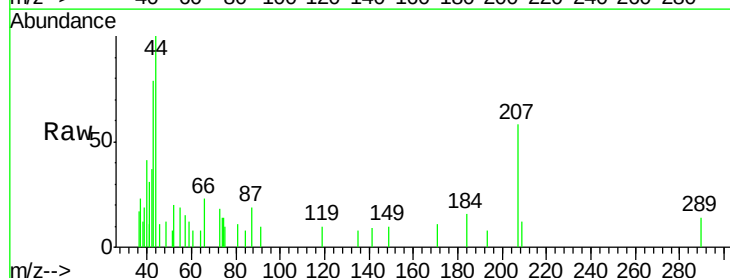
Tgt Ion: 41 Resp: 385

Ion Ratio Lower Upper

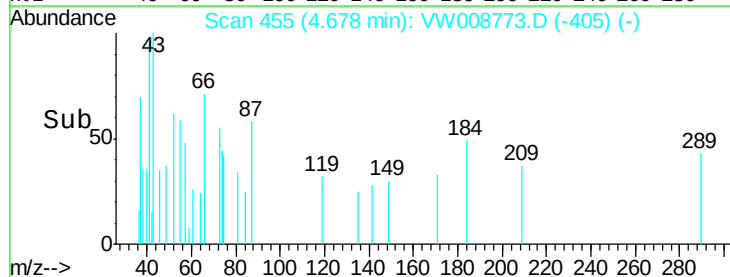
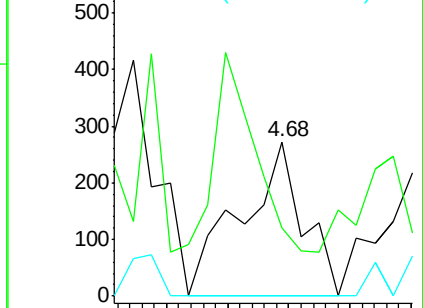
41 100

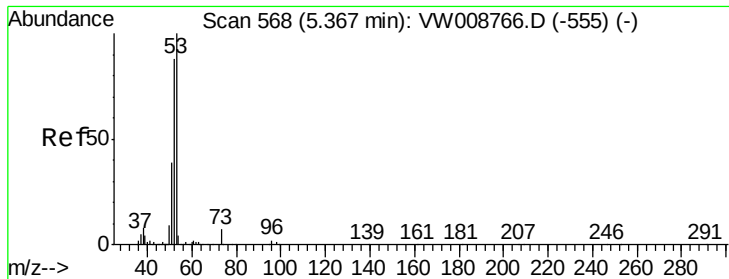
39 81.6 60.6 91.0

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: 0.363 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

NB-08-022019-B

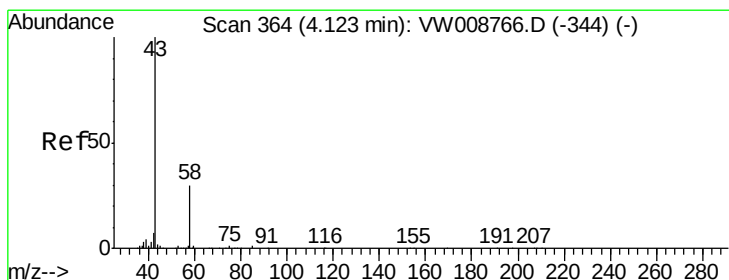
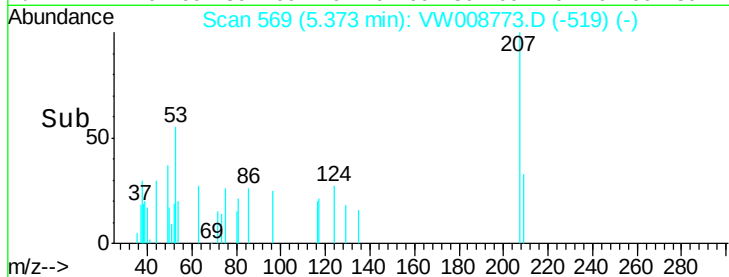
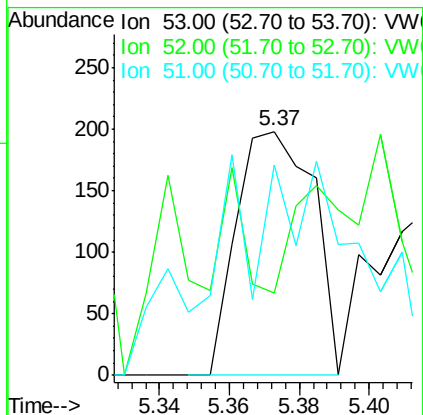
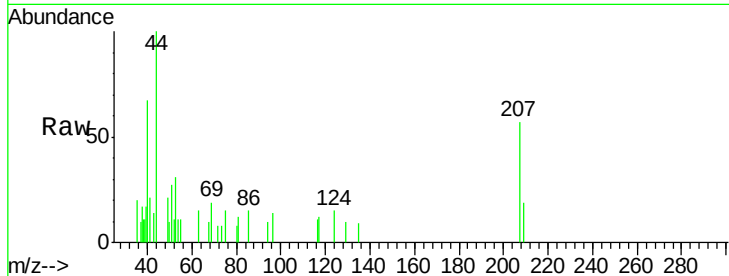
Tot Ion: 53 Resp: 303

Ion Ratio Lower Upper

53 100

52 13.2 67.2 100.8#

51 60.4 31.1 46.7#



#16

Acetone

Concen: 108.115 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008773.D

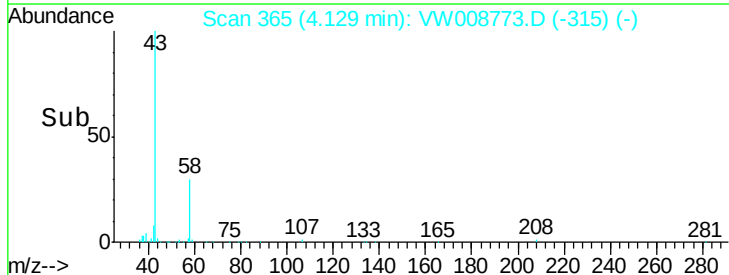
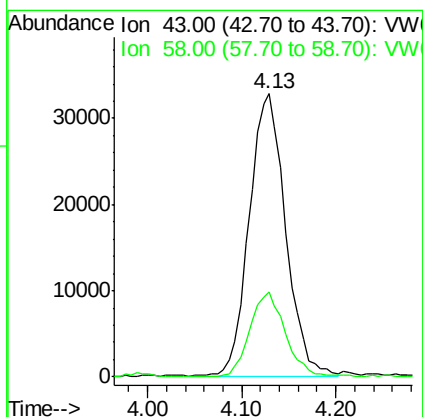
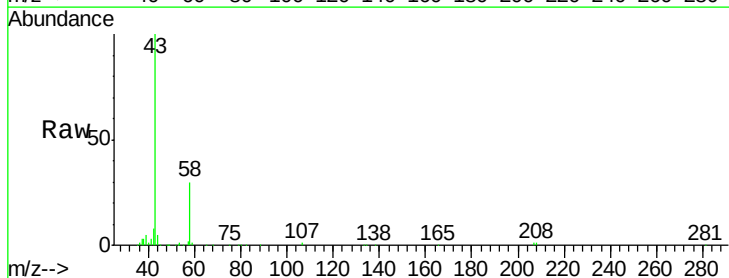
Acq: 21 Feb 2019 16:50

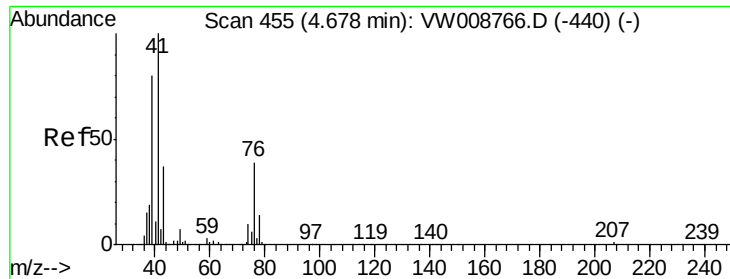
Tgt Ion: 43 Resp: 88431

Ion Ratio Lower Upper

43 100

58 30.1 23.8 35.6

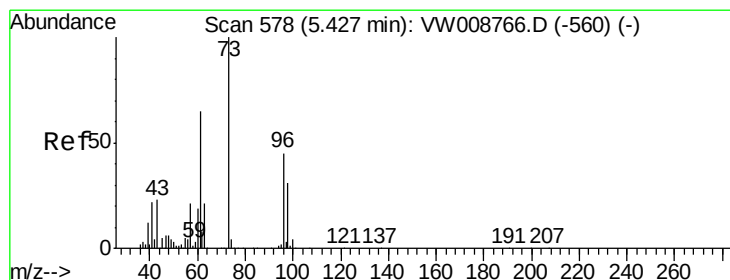
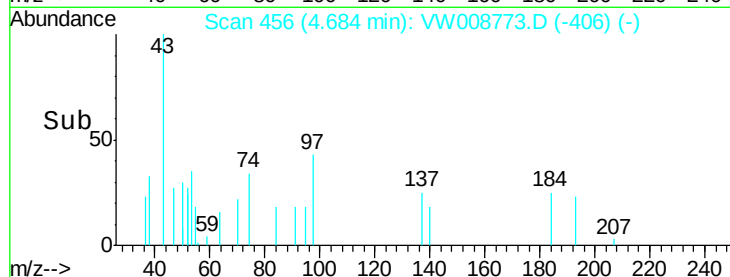
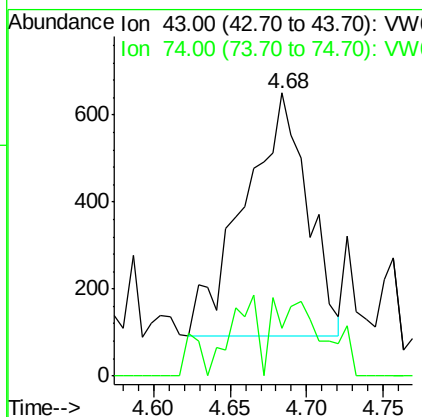
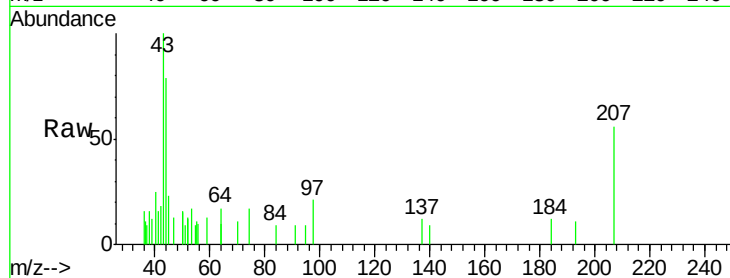




#18
Methyl Acetate
Concen: 0.821 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

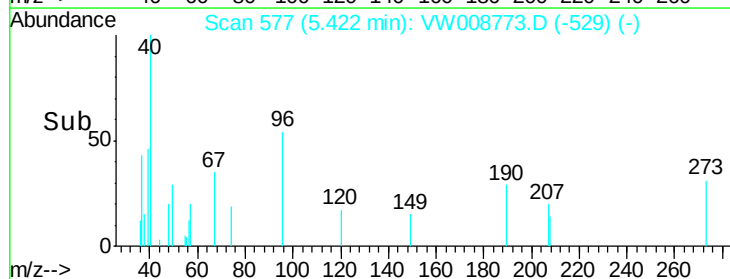
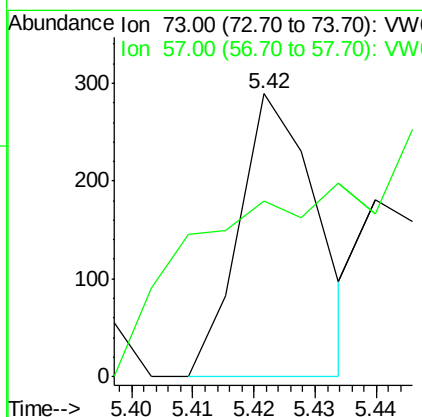
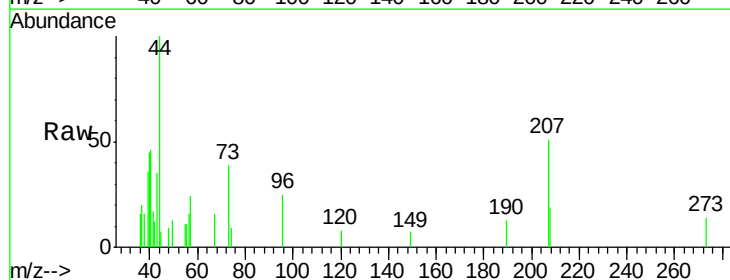
Instrument :
MSVOA_W
ClientSampled :
NB-08-022019-B

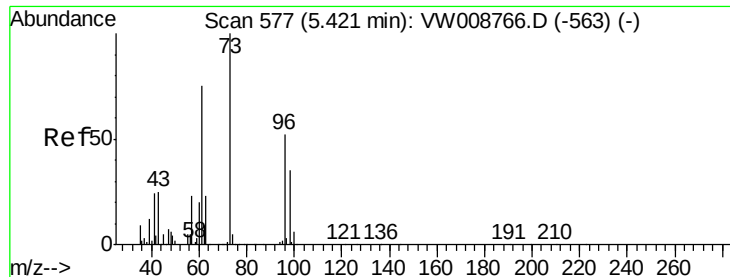
Tot Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
74 25.4 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 0.029 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Tgt Ion: 73 Resp: 256
Ion Ratio Lower Upper
73 100
57 11.4 16.8 25.2#





#21

trans-1,2-Dichloroethene

Concen: 0.027 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

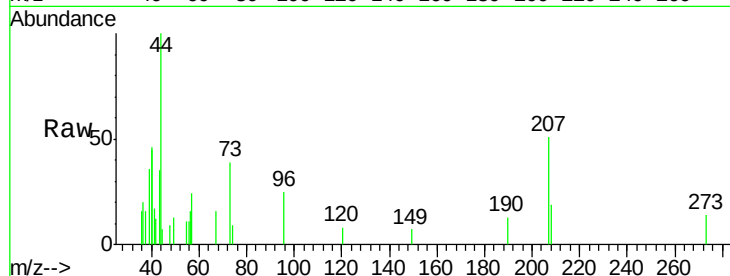
Tot Ion: 96 Resp: 102

Ion Ratio Lower Upper

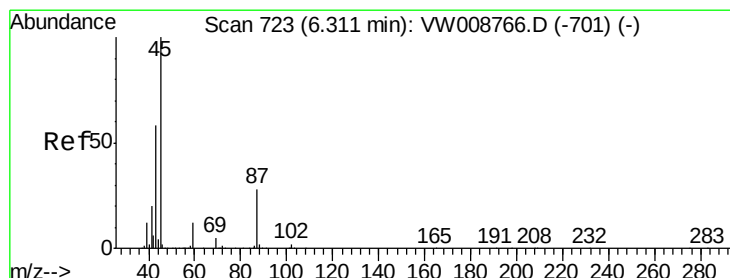
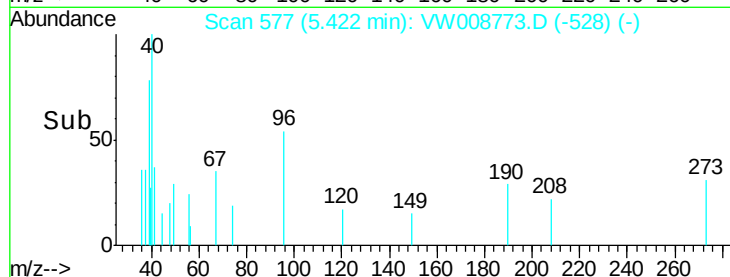
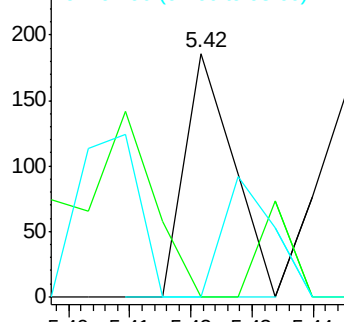
96 100

61 0.0 114.6 171.8#

98 0.0 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: 0.007 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Tgt Ion: 45 Resp: 83

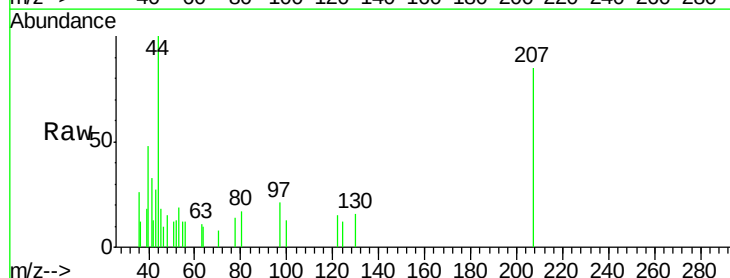
Ion Ratio Lower Upper

45 100

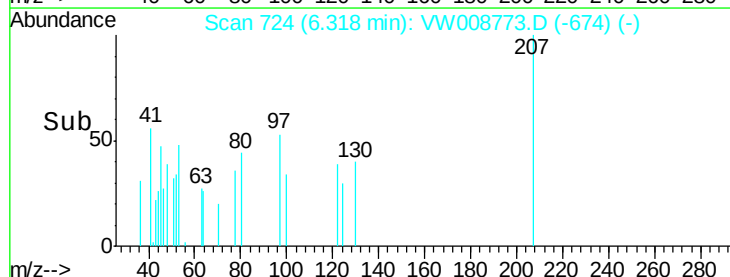
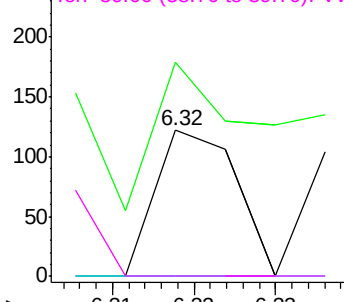
43 101.6 46.1 69.1#

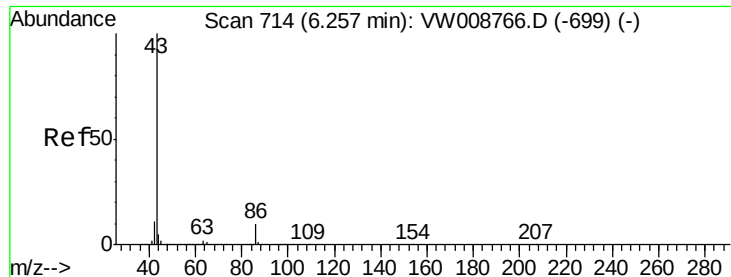
87 0.0 22.2 33.4#

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: 0.068 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

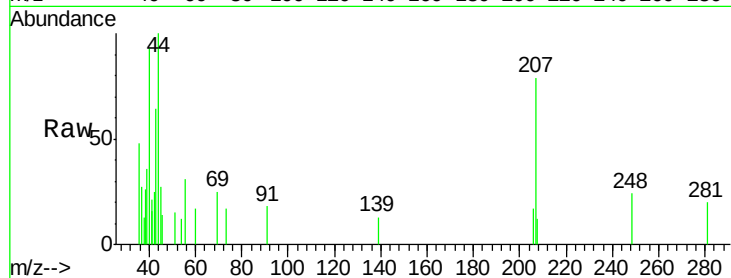
NB-08-022019-B

Tot Ion: 43 Resp: 477

Ion Ratio Lower Upper

43 100

86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.27

250

200

150

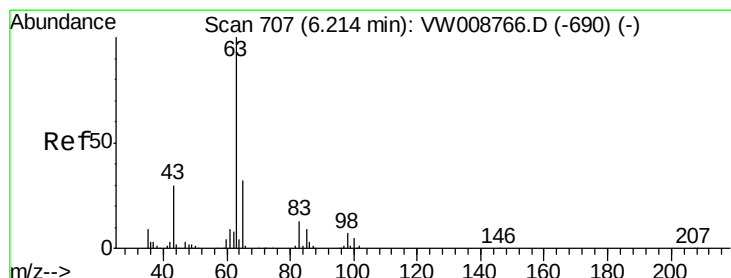
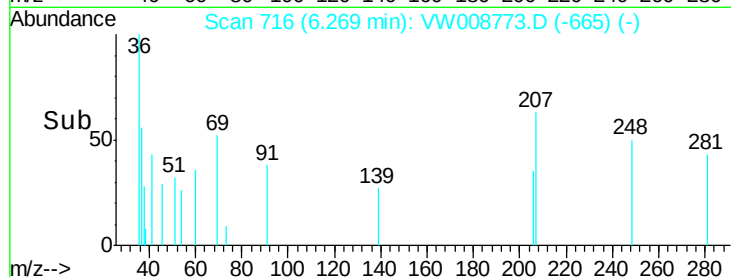
100

50

0

6.24 6.26 6.28 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 0.033 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

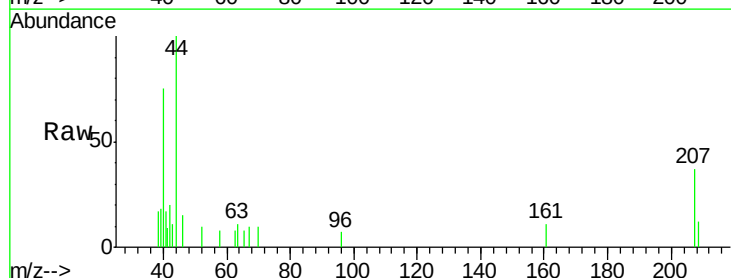
Tgt Ion: 63 Resp: 218

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

100 0.0 2.4 7.2#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.20

150

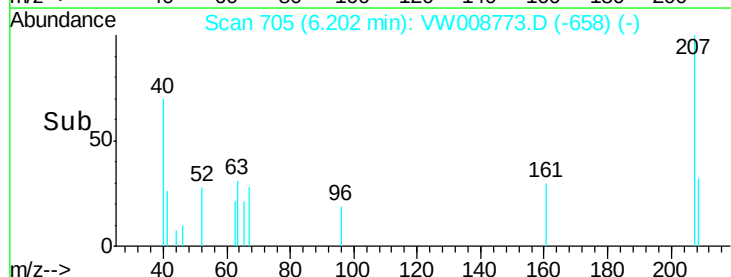
100

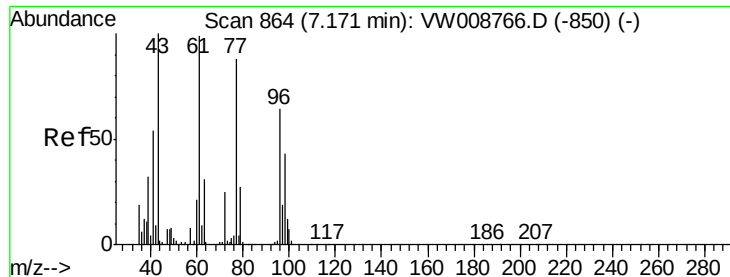
50

0

6.20 6.25

Time-->





#25

2-Butanone

Concen: 15.784 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

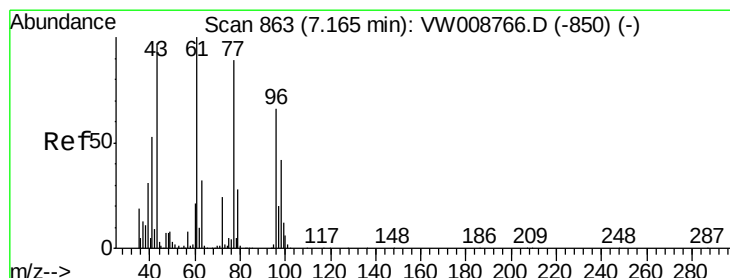
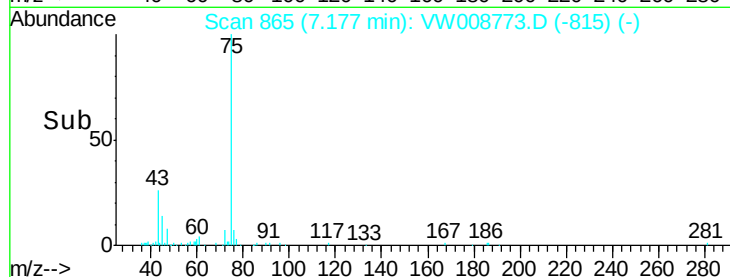
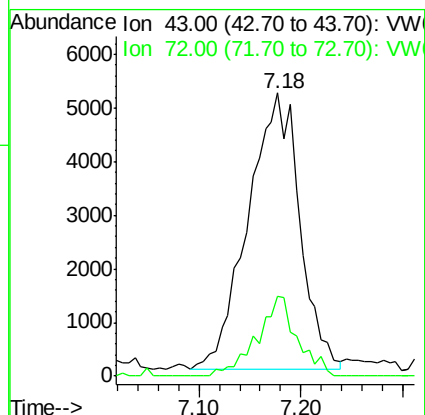
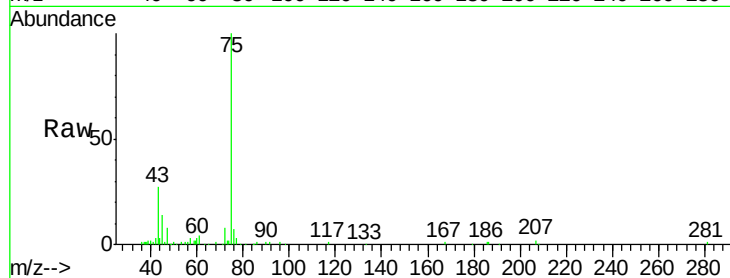
NB-08-022019-B

Tot Ion: 43 Resp: 18049

Ion Ratio Lower Upper

43 100

72 28.8 19.7 29.5



#27

cis-1,2-Dichloroethene

Concen: 0.053 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

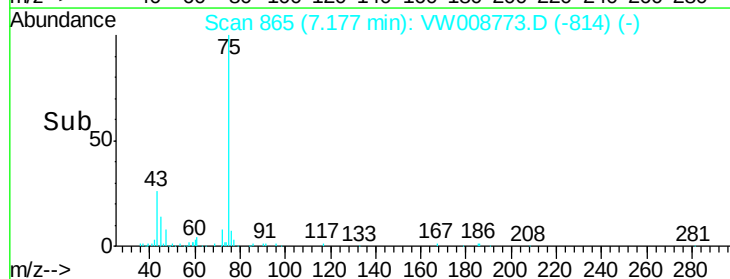
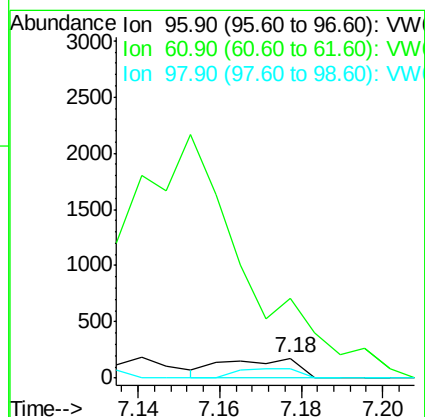
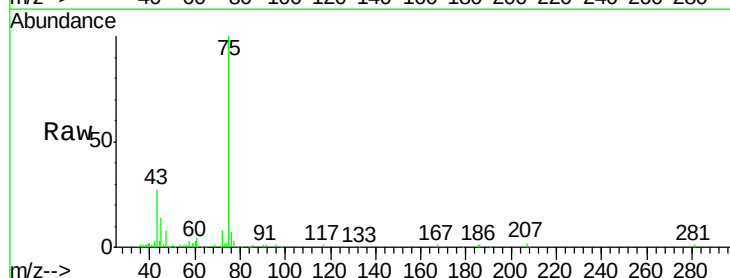
Tgt Ion: 96 Resp: 218

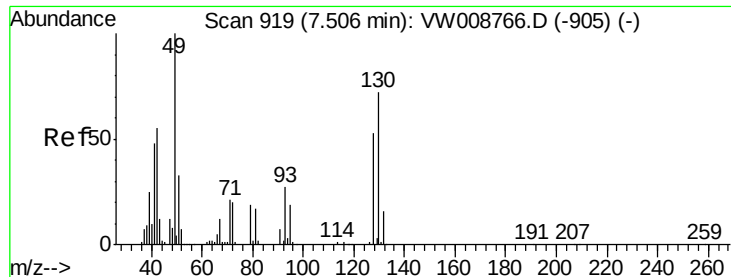
Ion Ratio Lower Upper

96 100

61 0.0 0.0 302.6

98 40.8 0.0 130.0





#28

Bromochloromethane

Concen: 0.022 ug/l

RT: 7.51 min Scan# 919

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

NB-08-022019-B

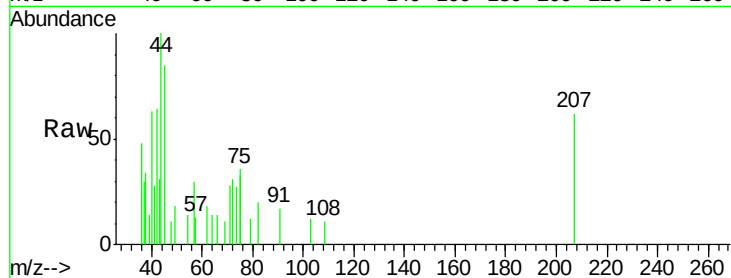
Tot Ion: 49 Resp: 60

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

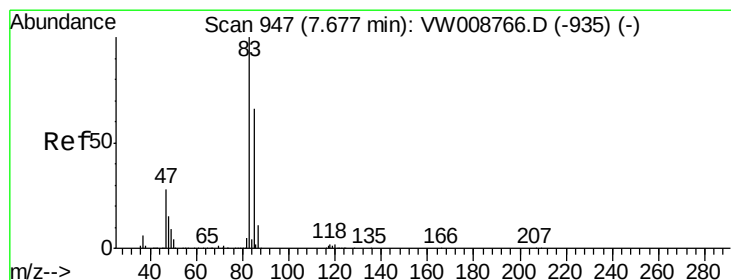
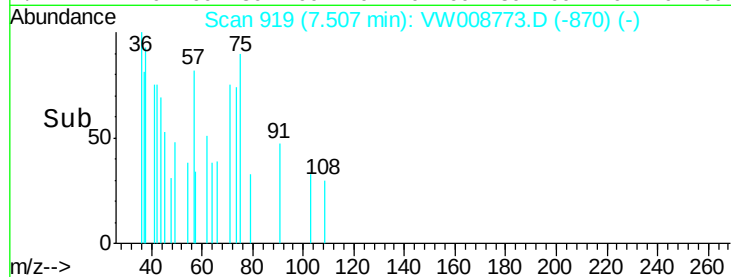
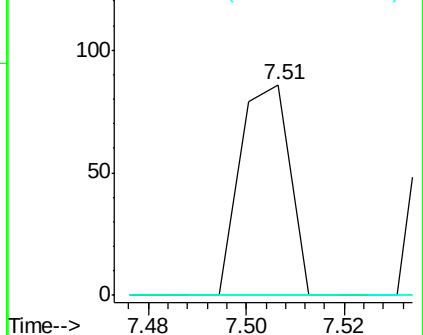
130 0.0 61.3 91.9#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 0.048 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW008773.D

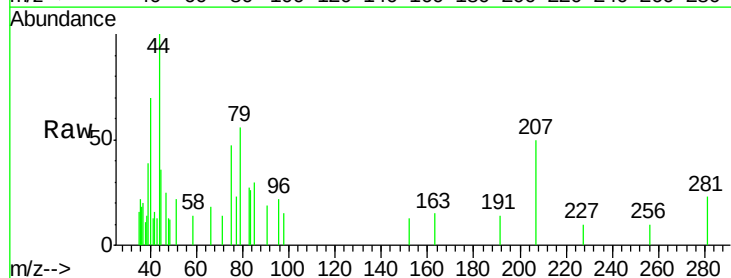
Acq: 21 Feb 2019 16:50

Tgt Ion: 83 Resp: 323

Ion Ratio Lower Upper

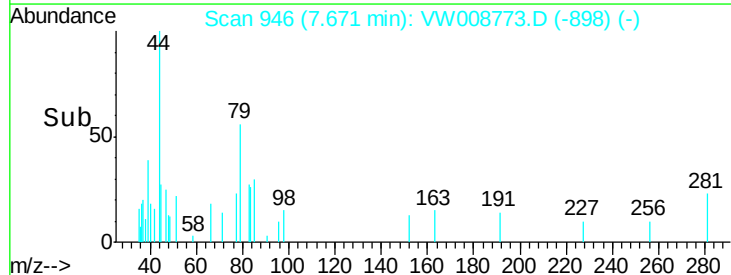
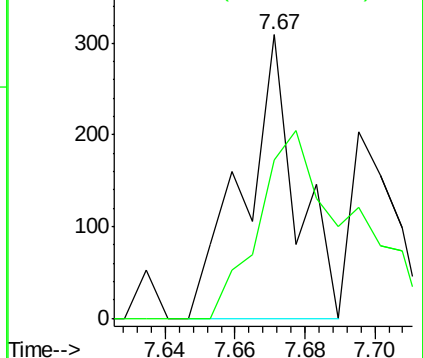
83 100

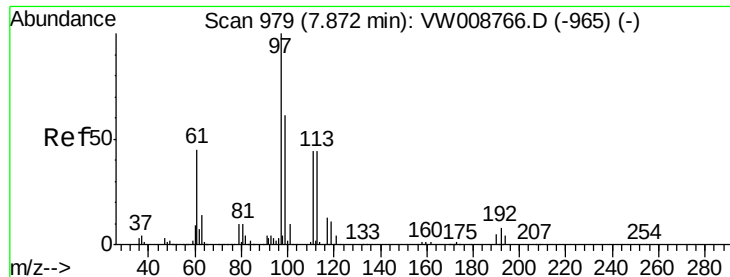
85 55.7 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#32

1,1,1-Trichloroethane

Concen: 0.005 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

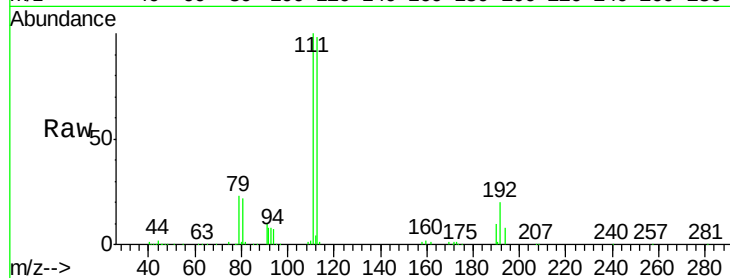
Tot Ion: 97 Resp: 30

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

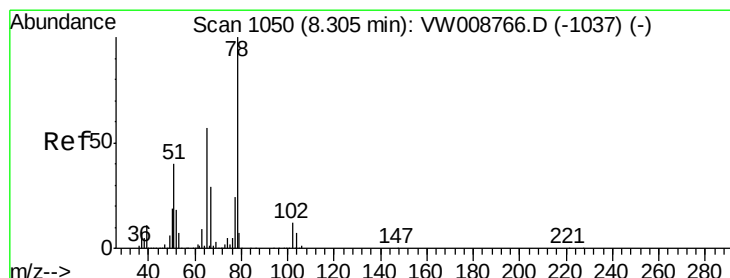
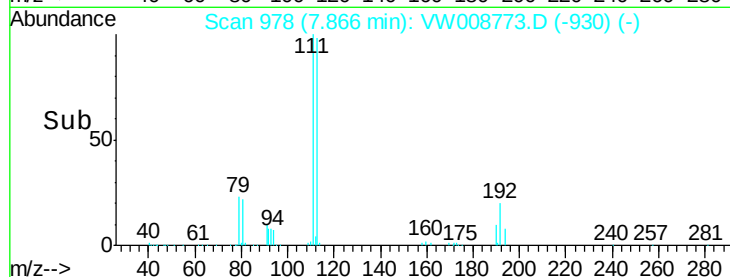
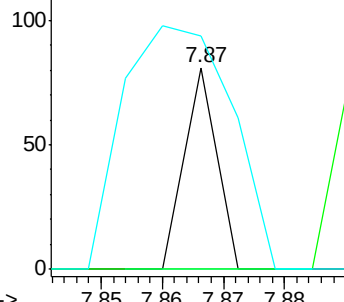
61 0.0 36.0 54.0#



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: 58.475 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008773.D

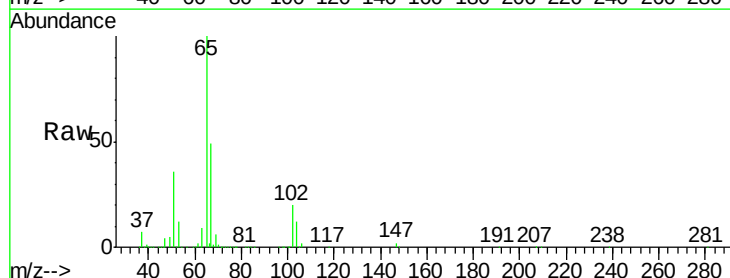
Acq: 21 Feb 2019 16:50

Tgt Ion: 65 Resp: 206345

Ion Ratio Lower Upper

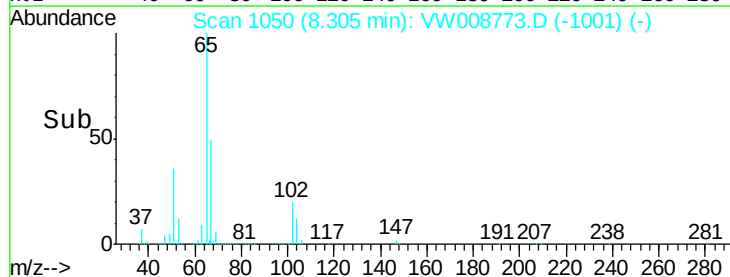
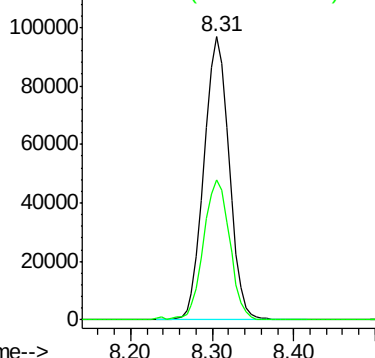
65 100

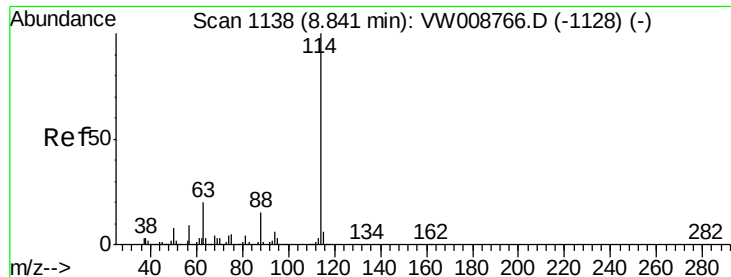
67 51.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

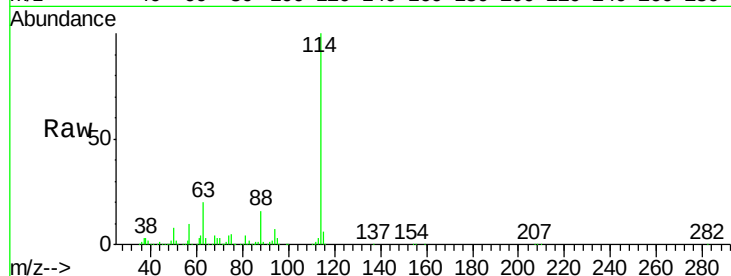




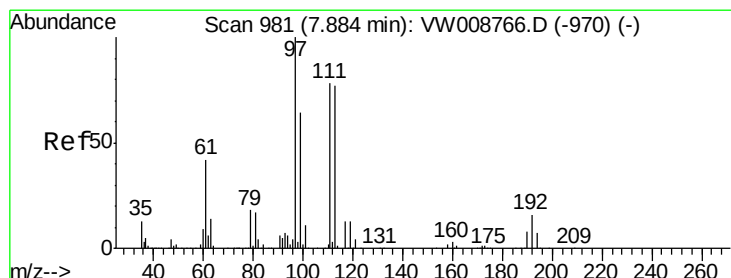
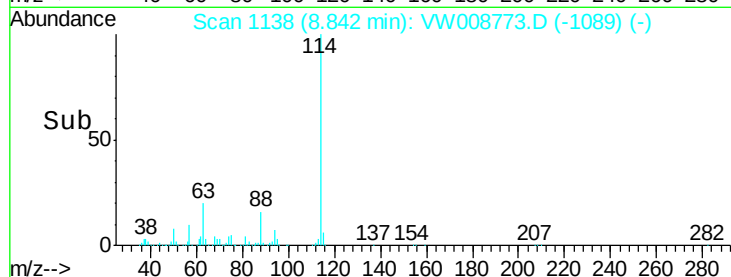
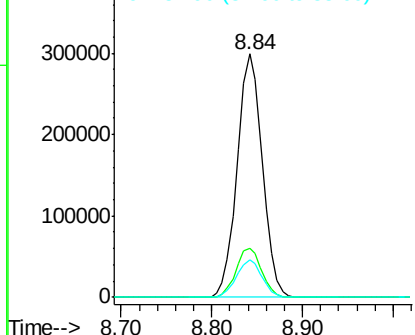
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-022019-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	15.7	0.0	30.4

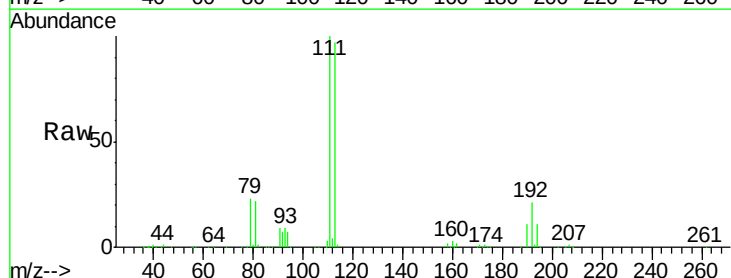


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

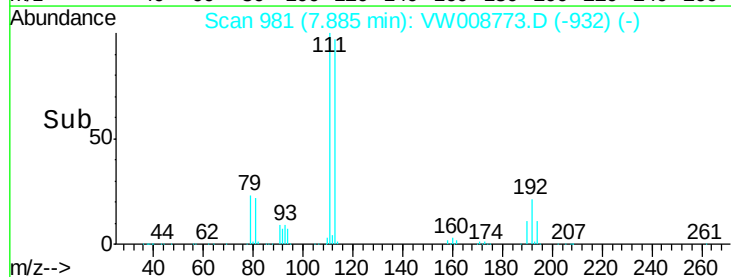
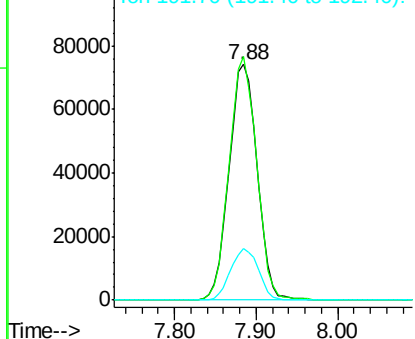


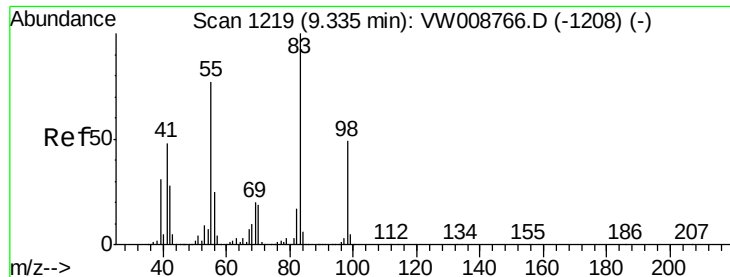
#35
 Dibromofluoromethane
 Concen: 50.901 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	21.7	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

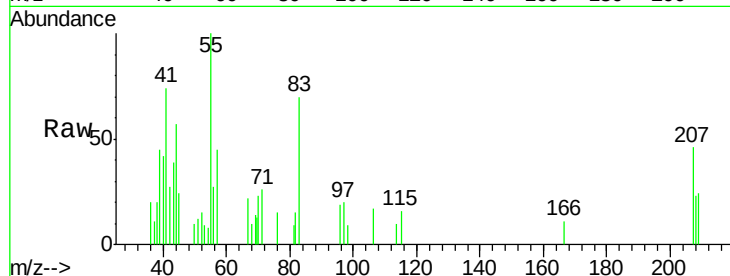




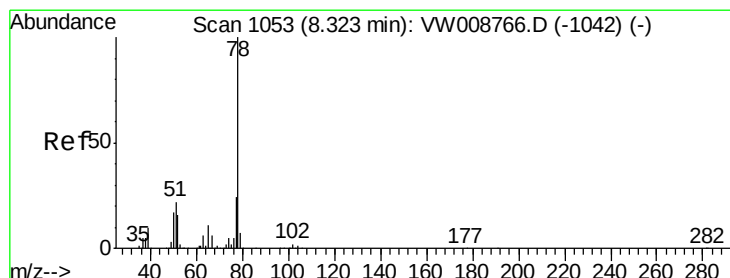
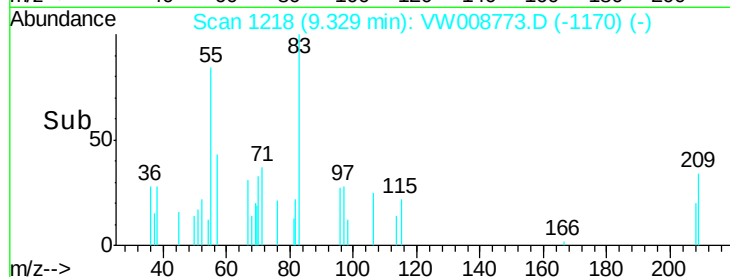
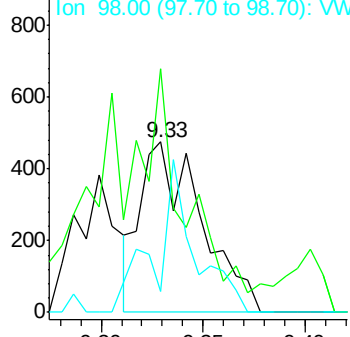
#39
Methylvlcyclohexane
Concen: 0.140 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
NB-08-022019-B

Tot Ion: 83 Resp: 979
Ion Ratio Lower Upper
83 100
55 128.1 61.2 91.8#
98 12.2 39.4 59.2#

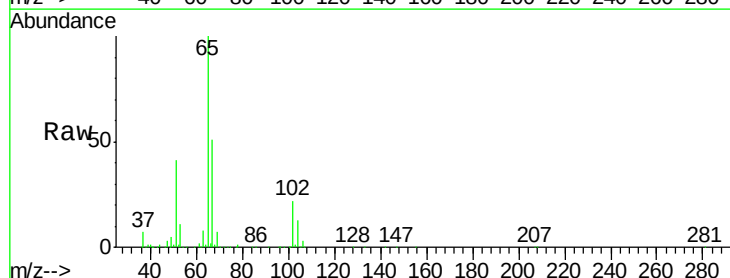


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

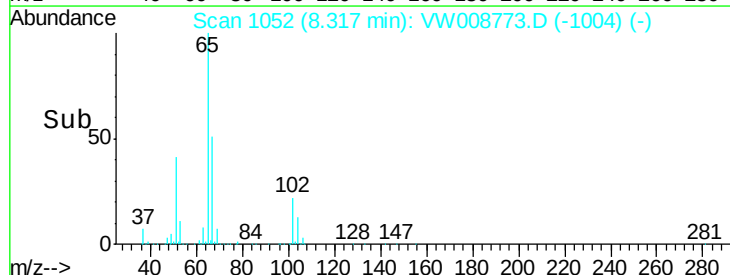
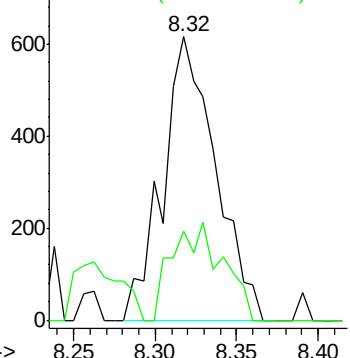


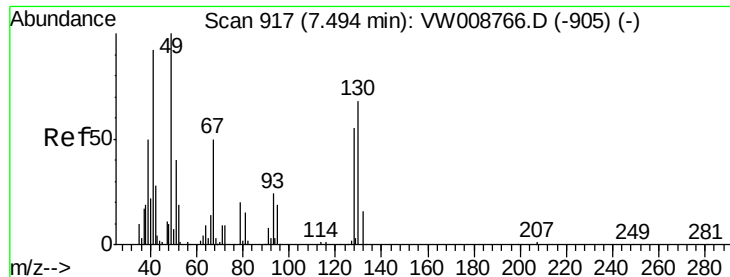
#40
Benzene
Concen: 0.091 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Tgt Ion: 78 Resp: 1387
Ion Ratio Lower Upper
78 100
77 31.5 19.3 28.9#



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

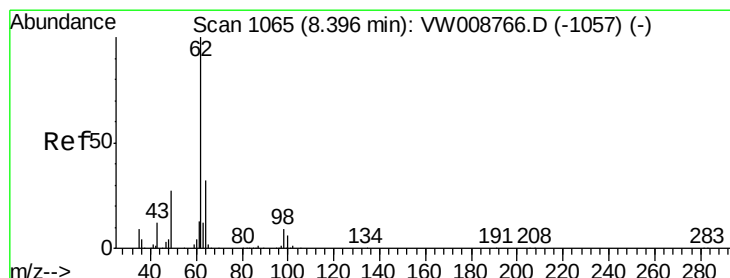
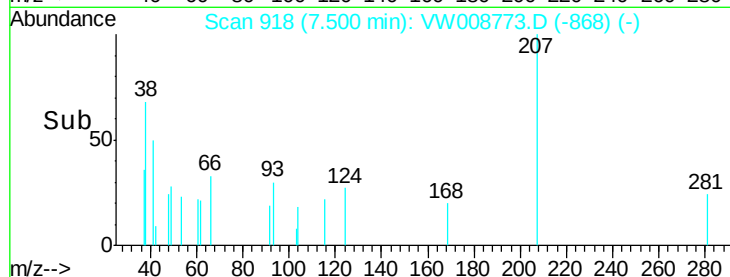
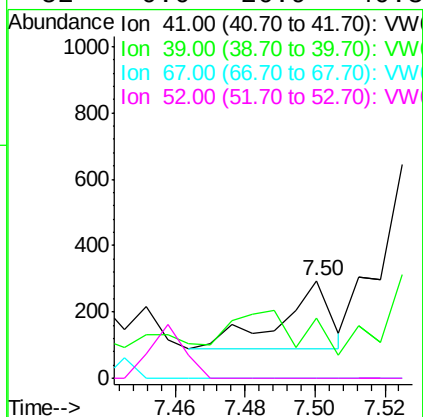
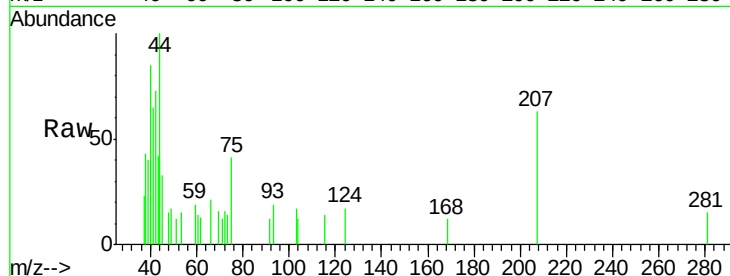




#41
Methacrylonitrile
Concen: 0.129 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

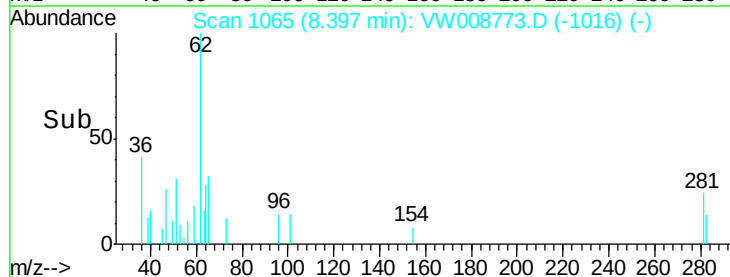
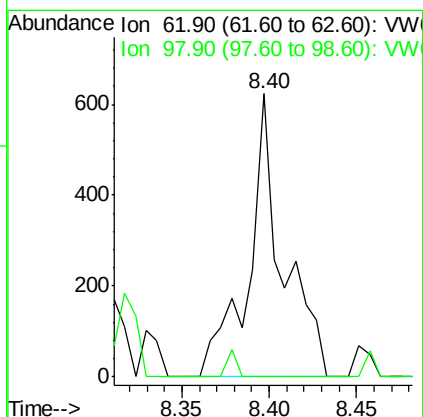
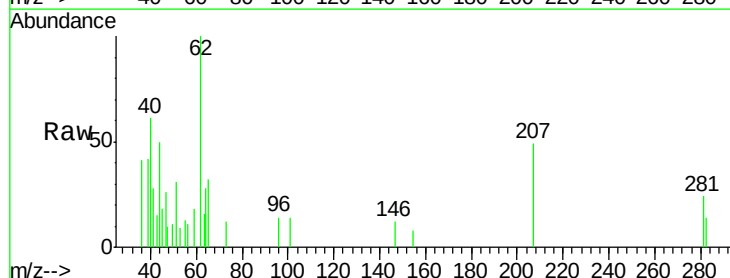
Instrument :
MSVOA_W
ClientSampleId :
NB-08-022019-B

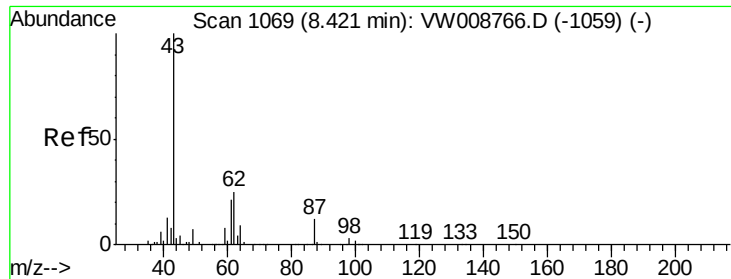
Tot Ion:	41	Resp:	197
Ion	Ratio	Lower	Upper
41	100		
39	92.9	52.5	78.7#
67	0.0	55.0	82.6#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 0.175 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Tgt Ion:	62	Resp:	849
Ion	Ratio	Lower	Upper
62	100		
98	2.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 0.047 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

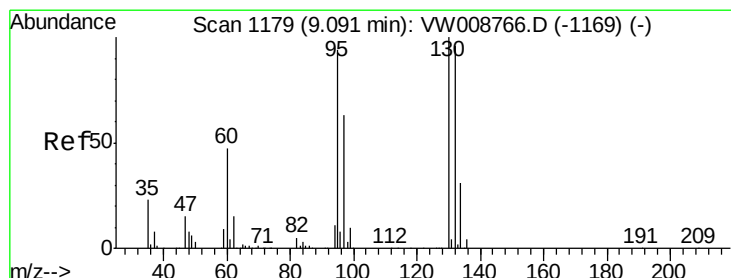
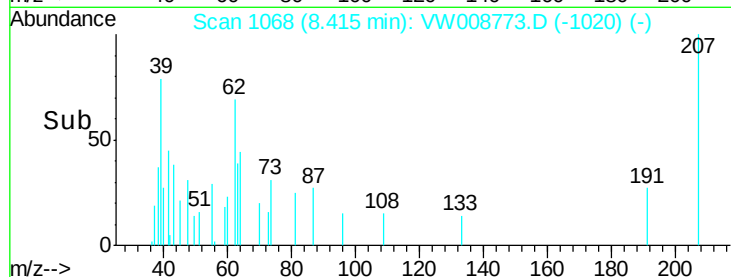
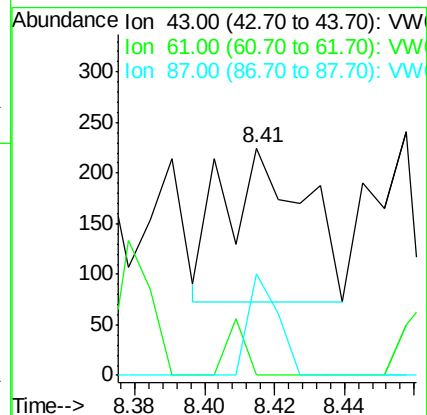
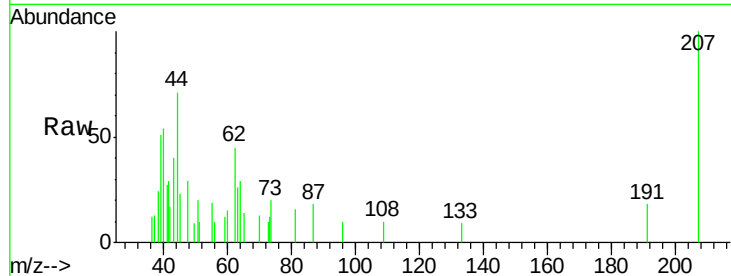
Tot Ion: 43 Resp: 242

Ion Ratio Lower Upper

43 100

61 0.0 23.2 34.8#

87 0.0 9.9 14.9#



#44

Trichloroethene

Concen: 0.046 ug/l

RT: 9.08 min Scan# 1177

Delta R.T. -0.01 min

Lab File: VW008773.D

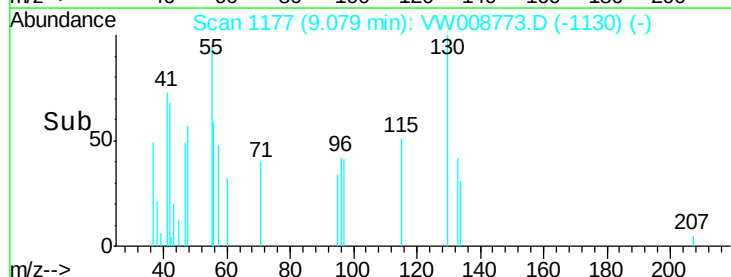
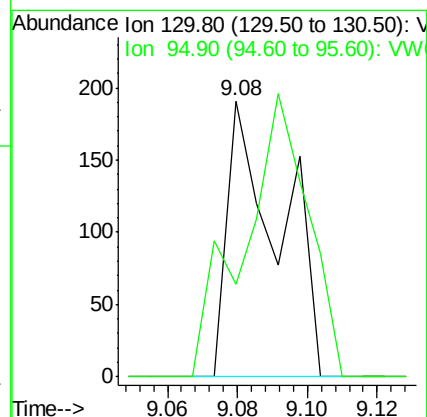
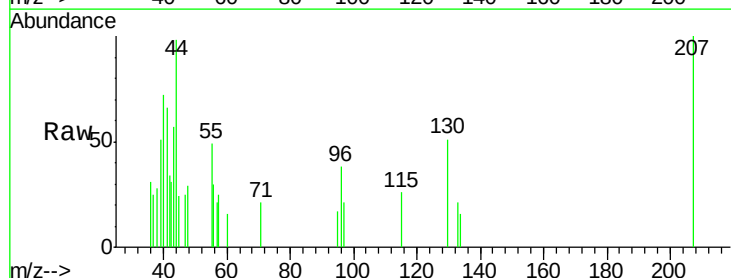
Acq: 21 Feb 2019 16:50

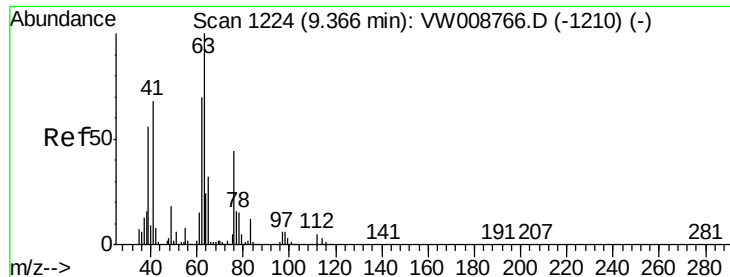
Tgt Ion: 130 Resp: 198

Ion Ratio Lower Upper

130 100

95 33.5 0.0 188.6

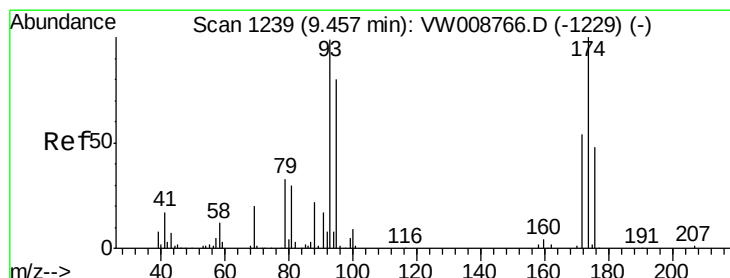
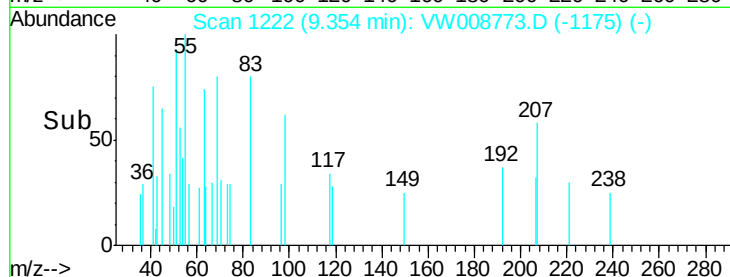
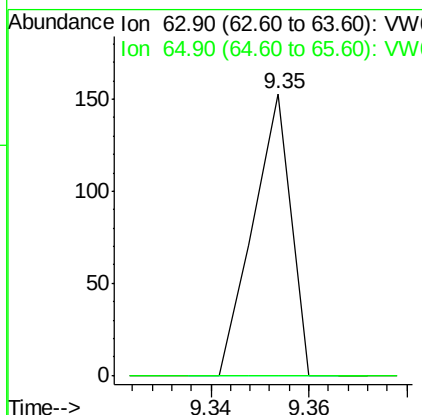
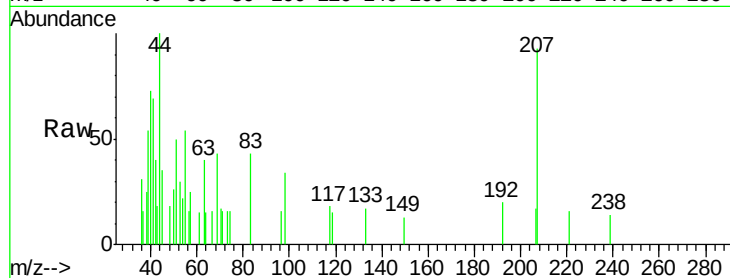




#45
 1,2-Dichloropropane
 Concen: 0.022 ug/l
 RT: 9.35 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

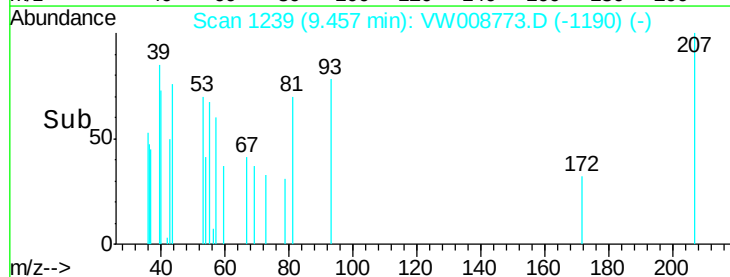
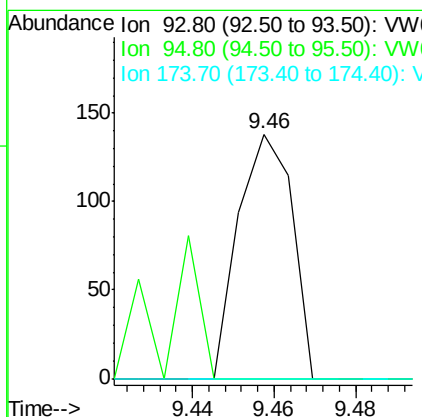
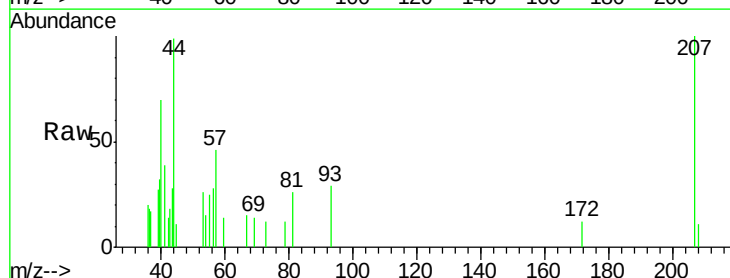
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-022019-B

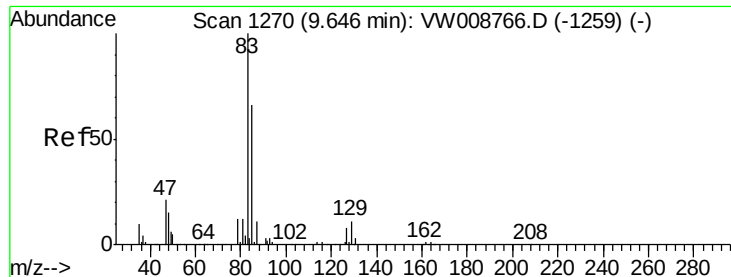
Tot Ion: 63 Resp: 82
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.5 38.3#



#46
 Dibromomethane
 Concen: 0.060 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Tgt Ion: 93 Resp: 127
 Ion Ratio Lower Upper
 93 100
 95 0.0 67.7 101.5#
 174 0.0 86.7 130.1#

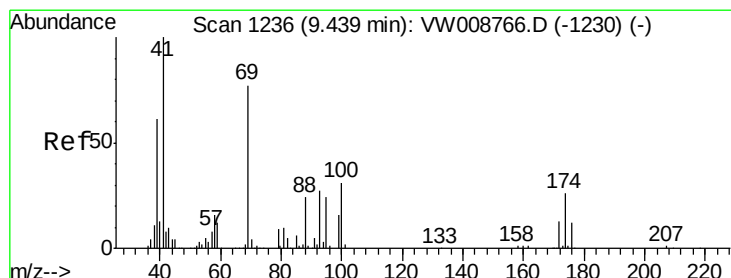
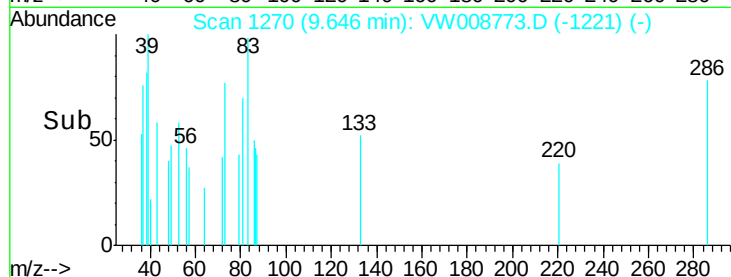
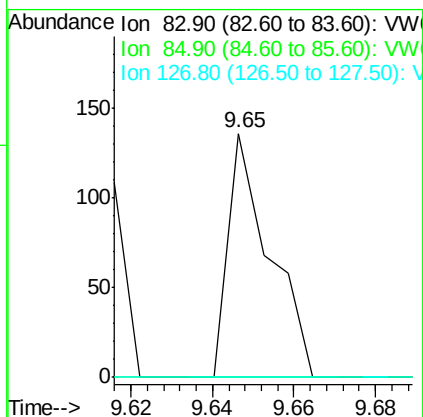
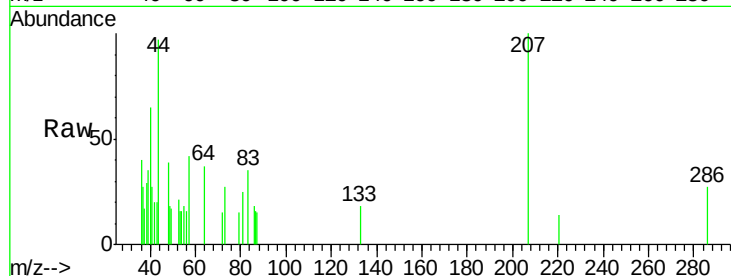




#47
Bromodichloromethane
Concen: 0.019 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

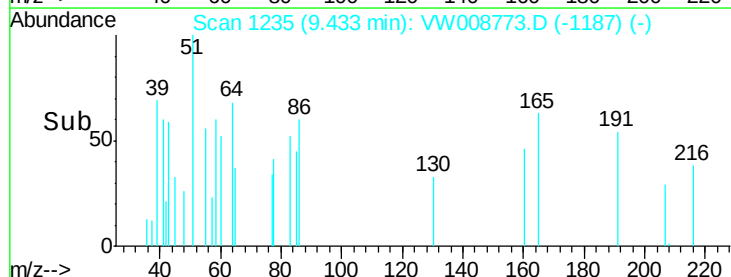
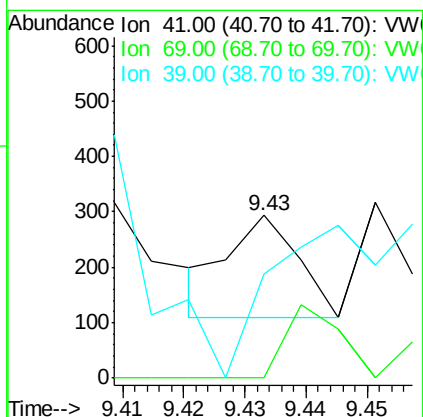
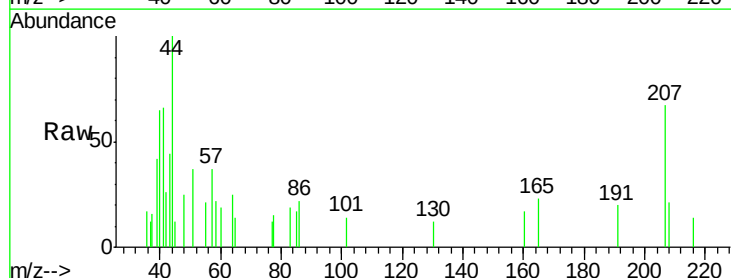
Instrument :
MSVOA_W
ClientSampleId :
NB-08-022019-B

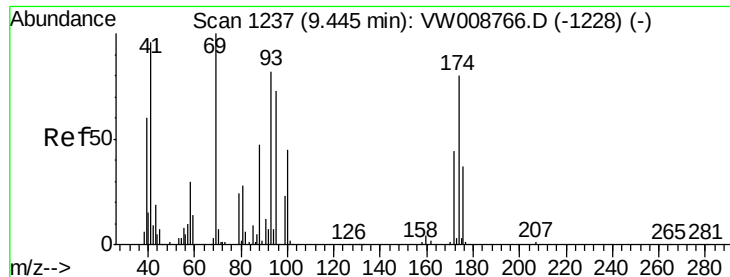
Tot Ion: 83 Resp: 96
Ion Ratio Lower Upper
83 100
85 0.0 52.5 78.7#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 0.057 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Tgt Ion: 41 Resp: 143
Ion Ratio Lower Upper
41 100
69 73.4 63.6 95.4
39 0.0 52.1 78.1#

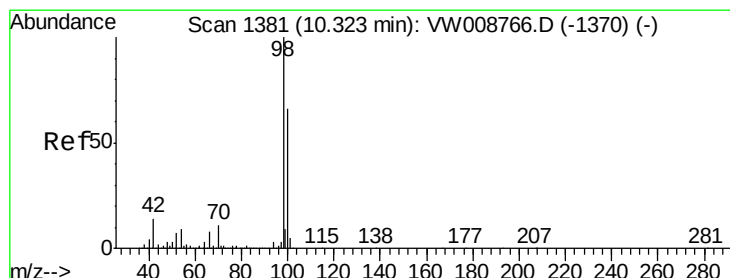
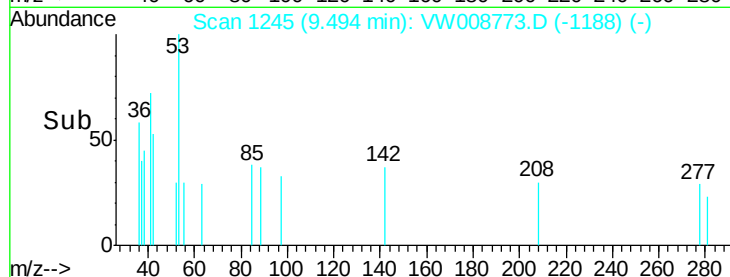
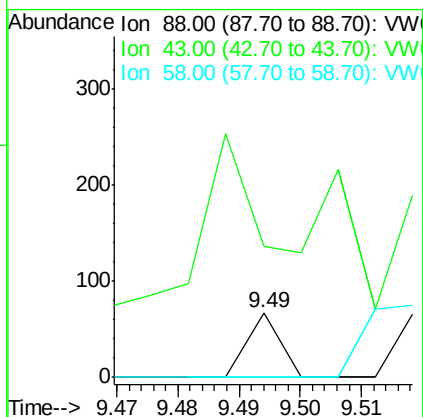
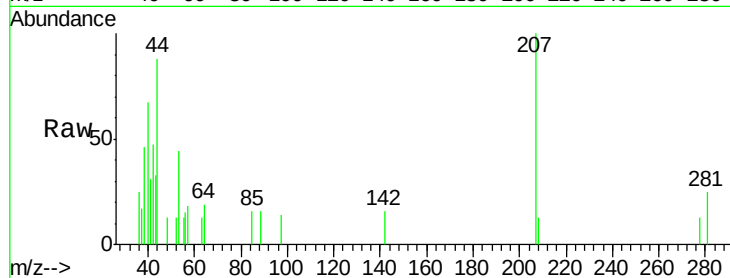




#49
1,4-Dioxane
Concen: 0.742 ug/l
RT: 9.49 min Scan# 1245
Delta R.T. 0.05 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

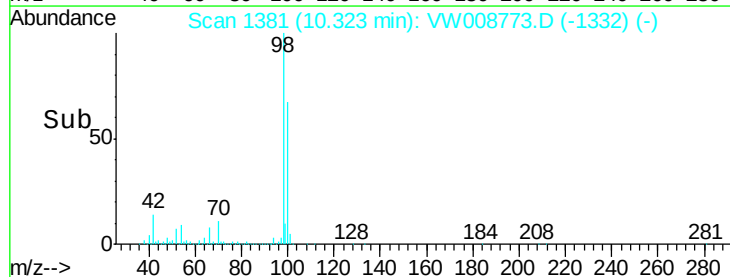
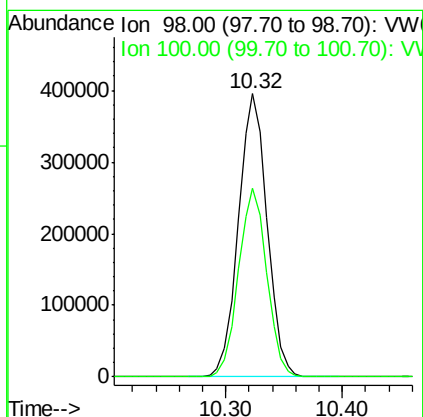
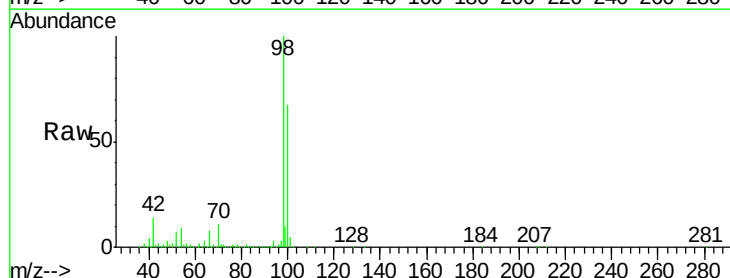
Instrument :
MSVOA_W
ClientSampleId :
NB-08-022019-B

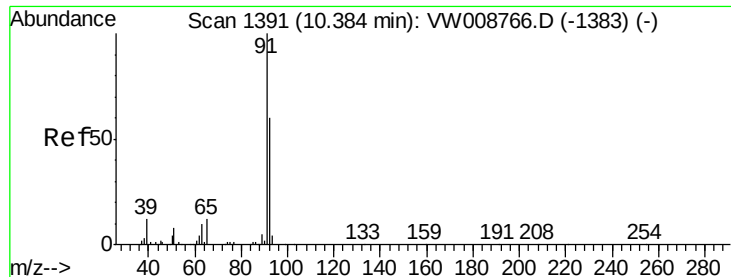
Tot Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 476.0 29.0 43.4#
58 0.0 52.0 78.0#



#50
Toluene-d8
Concen: 50.894 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Tgt Ion: 98 Resp: 679477
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#52

Toluene

Concen: 5.966 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

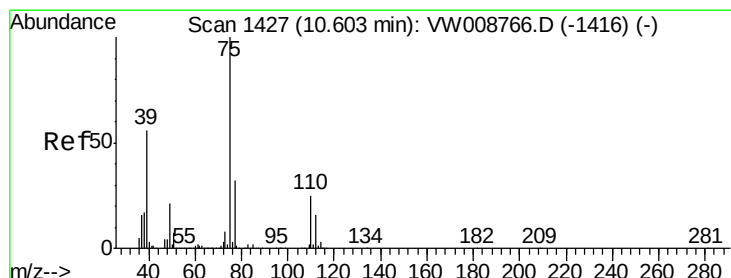
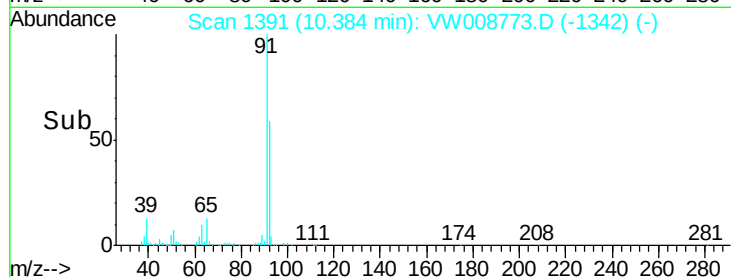
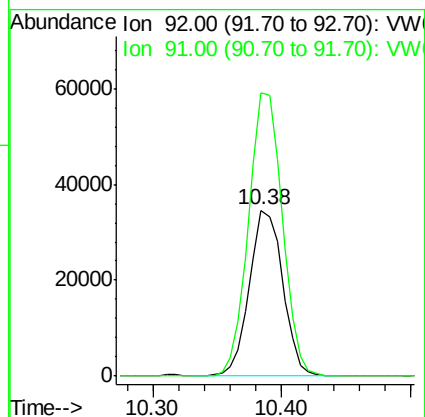
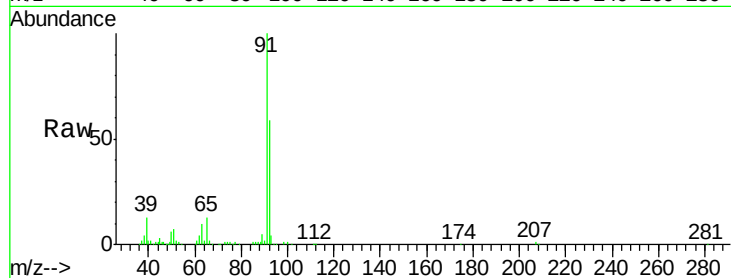
NB-08-022019-B

Tot Ion: 92 Resp: 61988

Ion Ratio Lower Upper

92 100

91 172.9 136.9 205.3



#53

t-1,3-Dichloropropene

Concen: 0.091 ug/l

RT: 10.62 min Scan# 1429

Delta R.T. 0.01 min

Lab File: VW008773.D

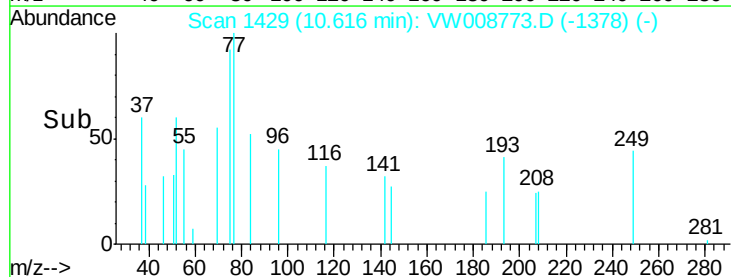
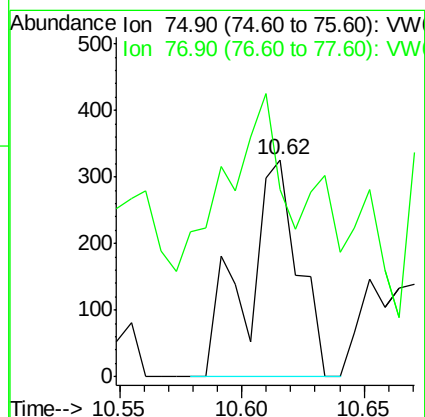
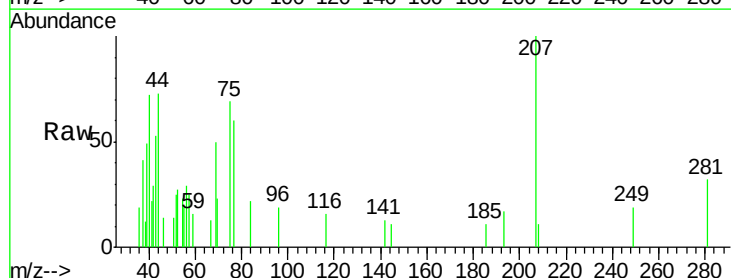
Acq: 21 Feb 2019 16:50

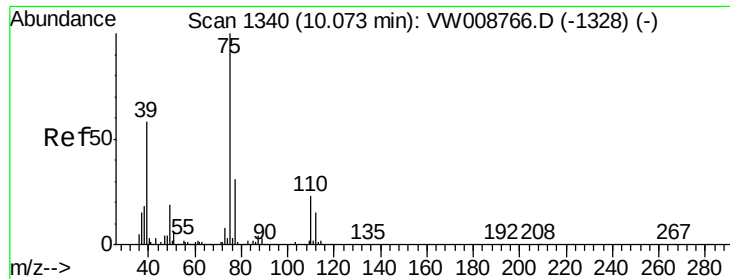
Tgt Ion: 75 Resp: 475

Ion Ratio Lower Upper

75 100

77 28.8 26.1 39.1





#54

cis-1,3-Dichloropropene

Concen: 0.044 ug/l

RT: 10.09 min Scan# 1342

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

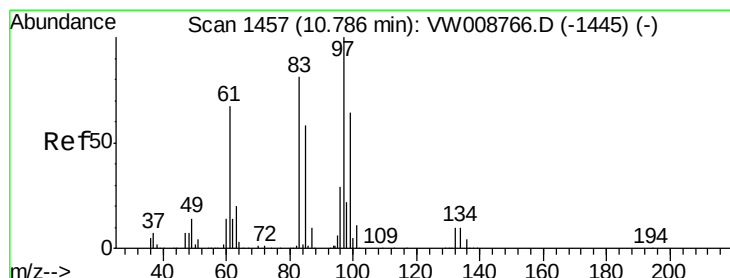
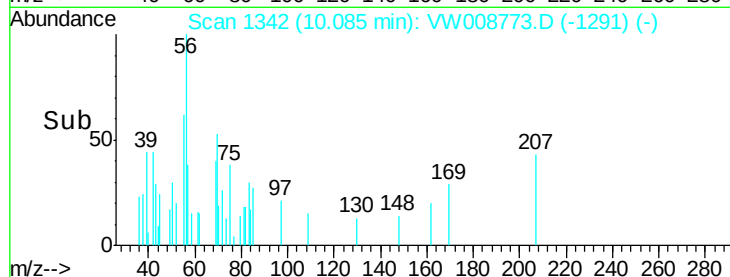
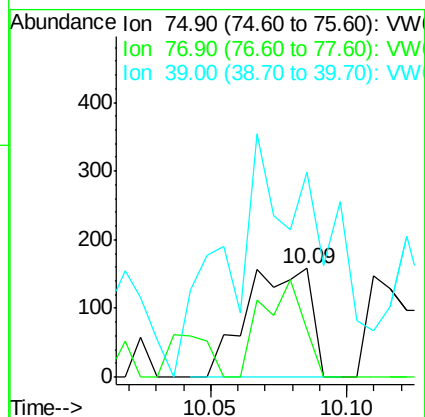
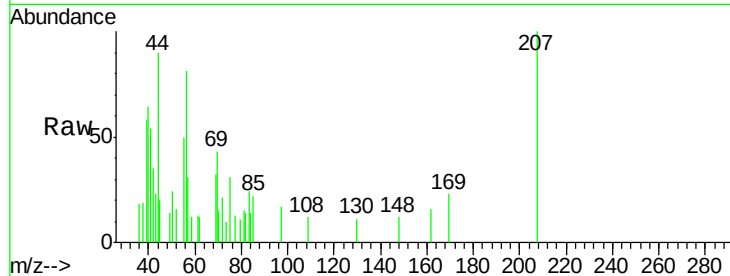
Tot Ion: 75 Resp: 259

Ion Ratio Lower Upper

75 100

77 43.7 25.0 37.4#

39 108.2 46.6 70.0#



#55

1,1,2-Trichloroethane

Concen: 0.093 ug/l

RT: 10.80 min Scan# 1459

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Tgt Ion: 97 Resp: 265

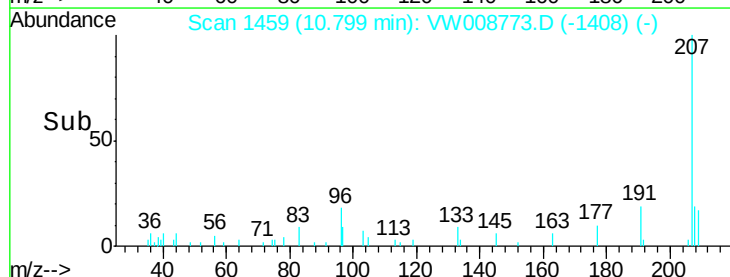
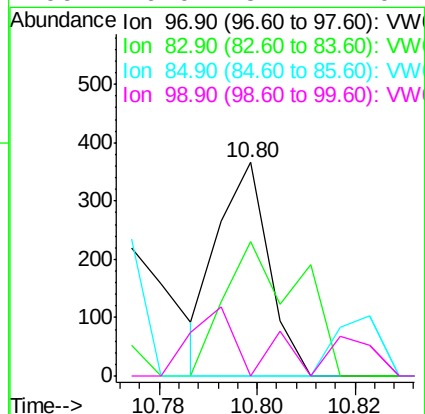
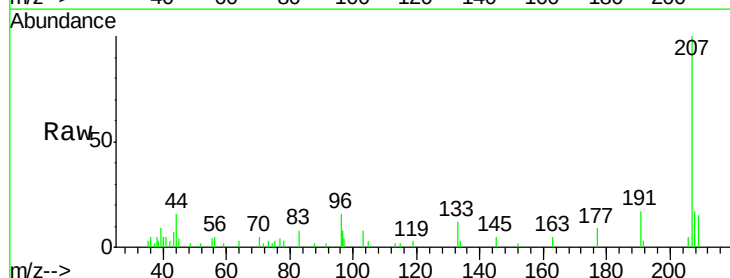
Ion Ratio Lower Upper

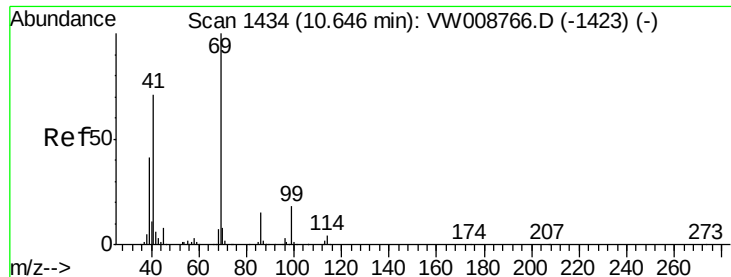
97 100

83 63.1 65.0 97.6#

85 0.0 46.0 69.0#

99 0.0 51.1 76.7#





#56

Ethyl methacrylate

Concen: 0.063 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

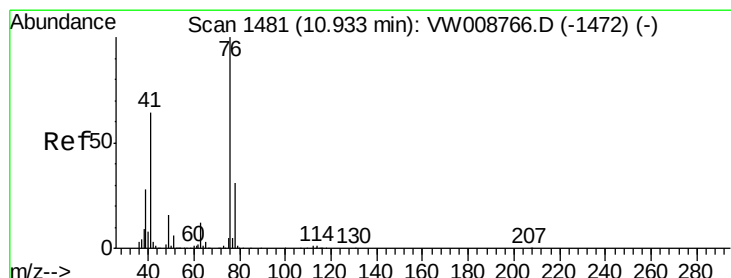
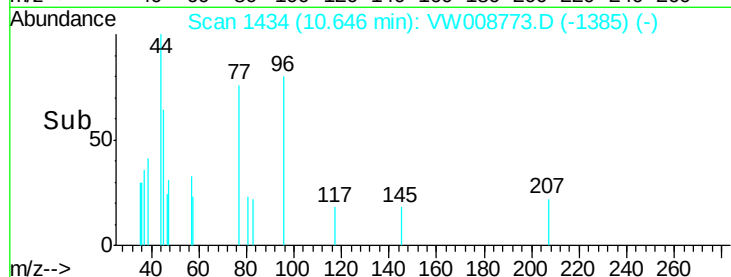
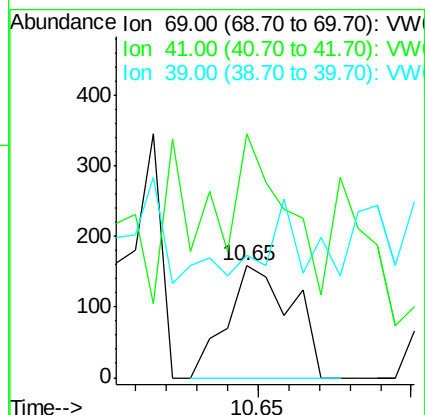
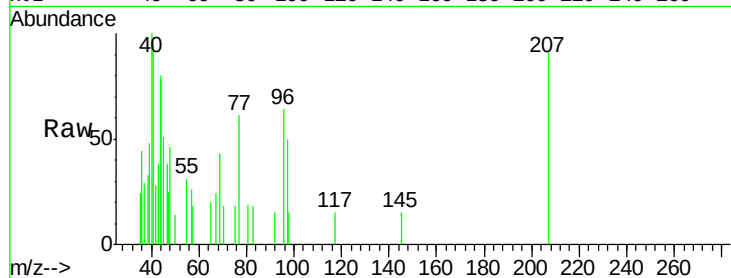
Tot Ion: 69 Resp: 234

Ion Ratio Lower Upper

69 100

41 96.6 57.4 86.0#

39 0.0 34.8 52.2#



#57

1,3-Dichloropropane

Concen: 0.062 ug/l

RT: 10.91 min Scan# 1478

Delta R.T. -0.02 min

Lab File: VW008773.D

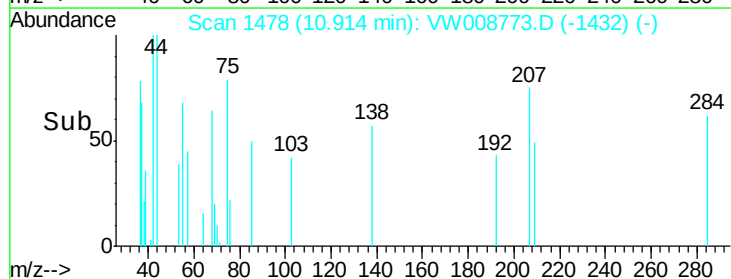
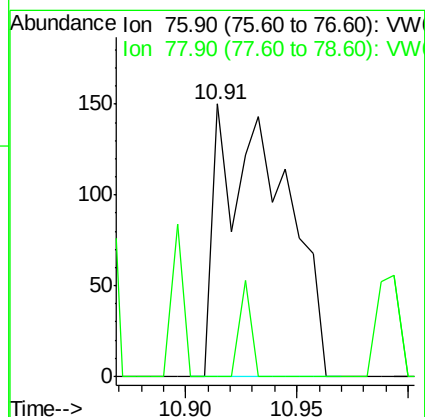
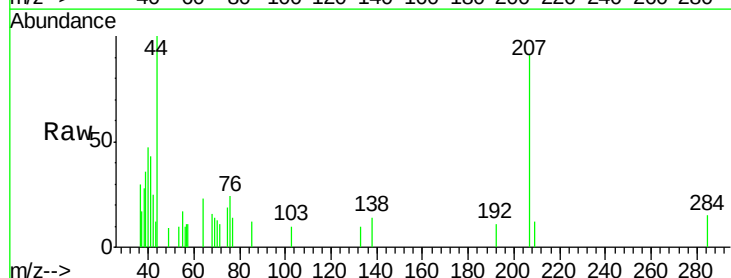
Acq: 21 Feb 2019 16:50

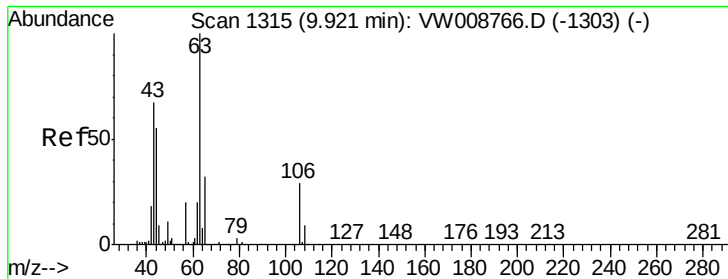
Tgt Ion: 76 Resp: 311

Ion Ratio Lower Upper

76 100

78 6.1 25.8 38.8#

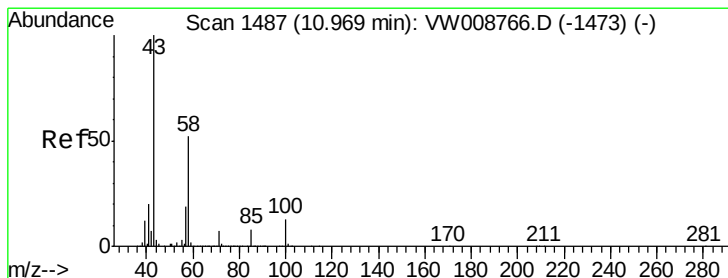
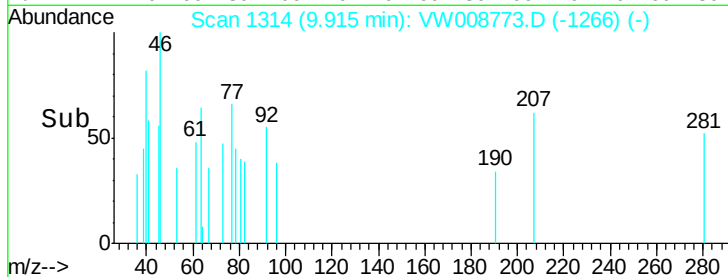
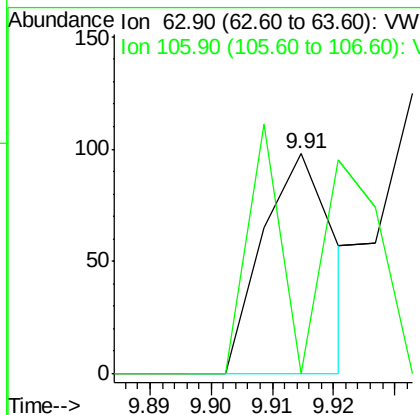
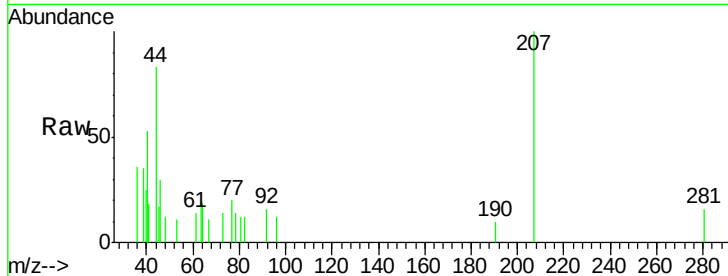




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.043 ug/l
 RT: 9.91 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

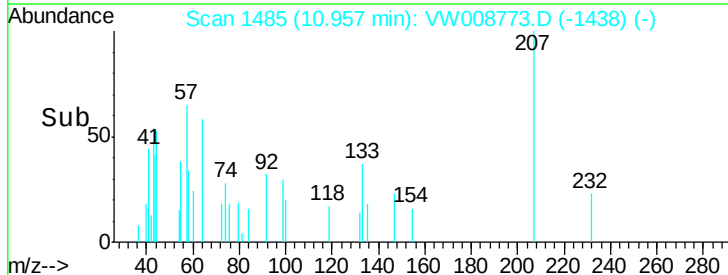
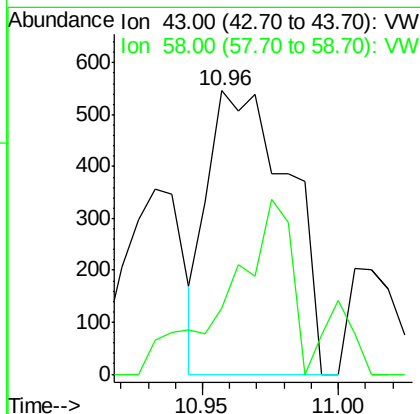
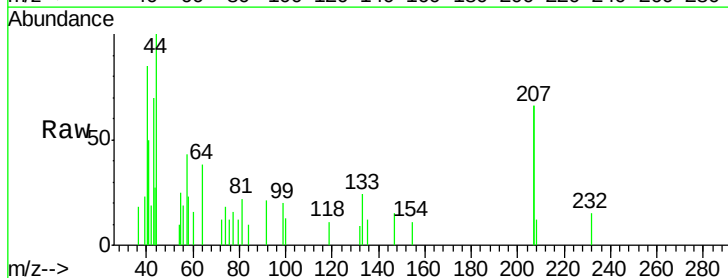
Instrument :
 MSVOA_W
 ClientSampled :
 NB-08-022019-B

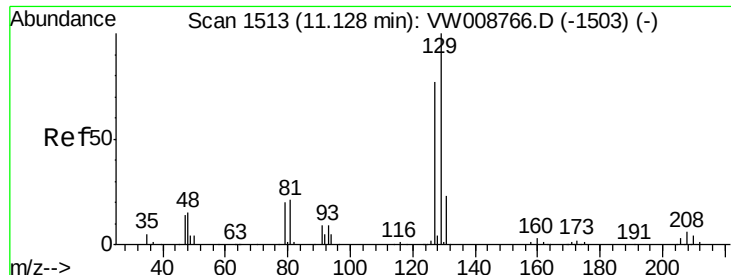
Tot Ion: 63 Resp: 80
 Ion Ratio Lower Upper
 63 100
 106 51.2 24.0 36.0#



#59
 2-Hexanone
 Concen: 0.596 ug/l
 RT: 10.96 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Tgt Ion: 43 Resp: 1121
 Ion Ratio Lower Upper
 43 100
 58 50.2 25.3 75.8

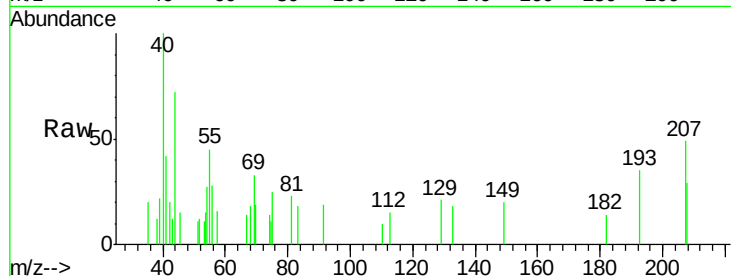




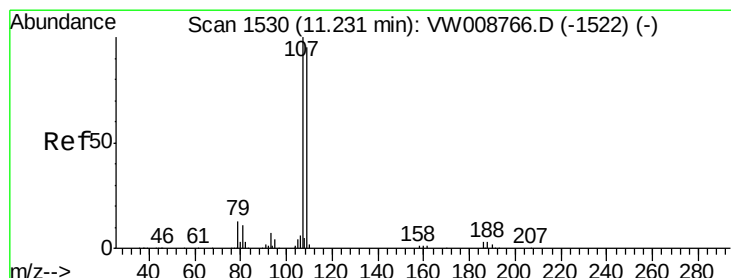
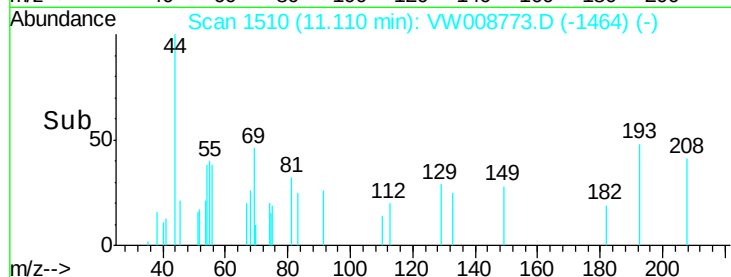
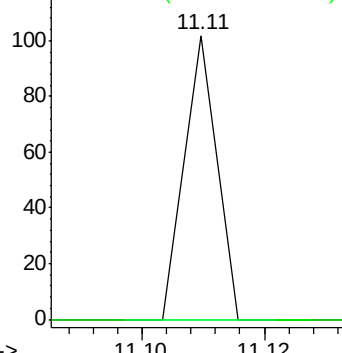
#60
Dibromochloromethane
Concen: 0.011 ug/l
RT: 11.11 min Scan# 1510
Delta R.T. -0.02 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
NB-08-022019-B

Tot Ion:129 Resp: 37
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

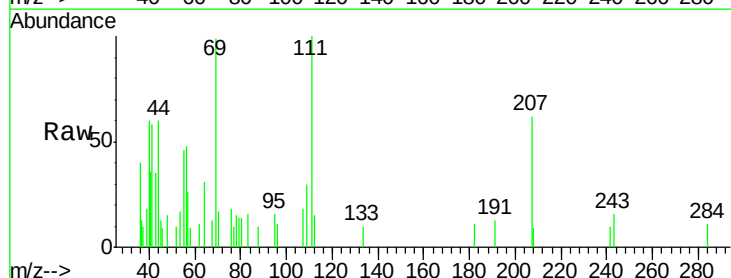


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

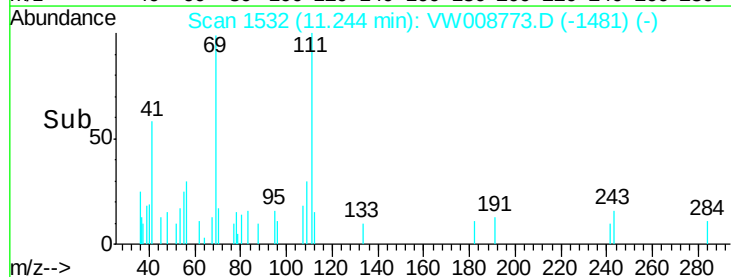
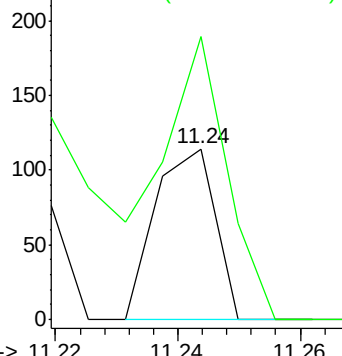


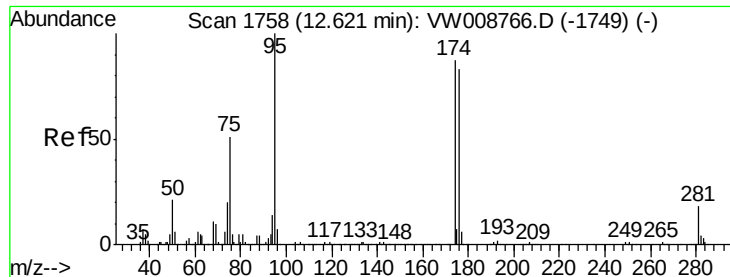
#61
1,2-Dibromoethane
Concen: 0.027 ug/l
RT: 11.24 min Scan# 1532
Delta R.T. 0.01 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Tgt Ion:107 Resp: 77
Ion Ratio Lower Upper
107 100
109 170.1 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: 43.031 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

NB-08-022019-B

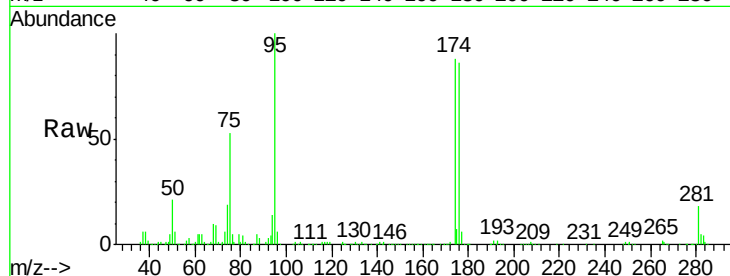
Tot Ion: 95 Resp: 224941

Ion Ratio Lower Upper

95 100

174 85.2 0.0 169.2

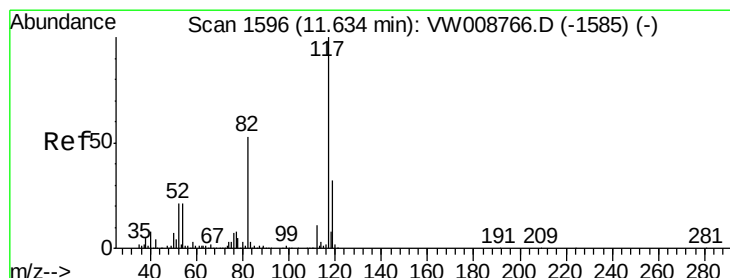
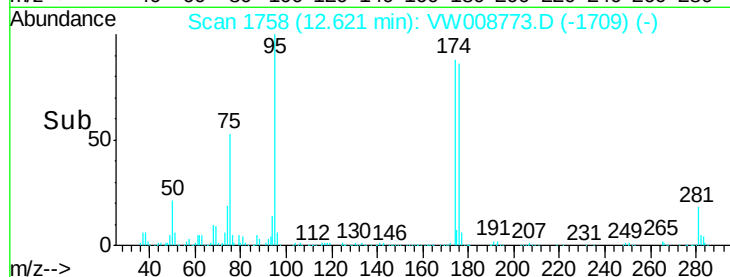
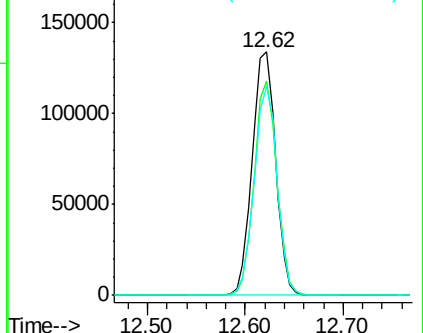
176 83.4 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

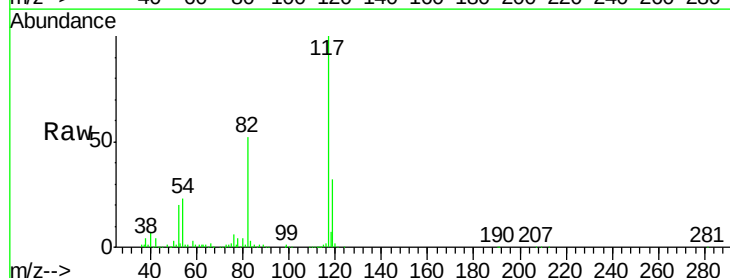
Tgt Ion: 117 Resp: 496146

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.4

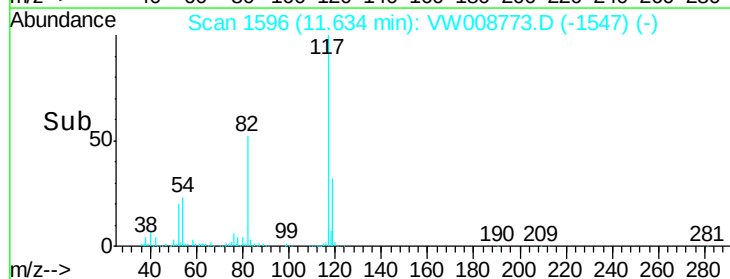
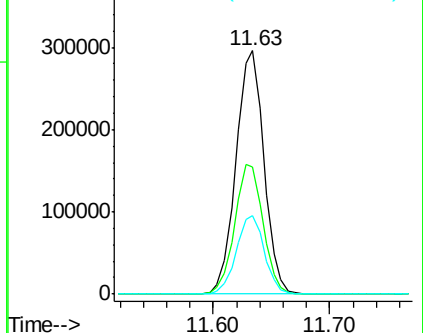
119 32.4 25.9 38.9

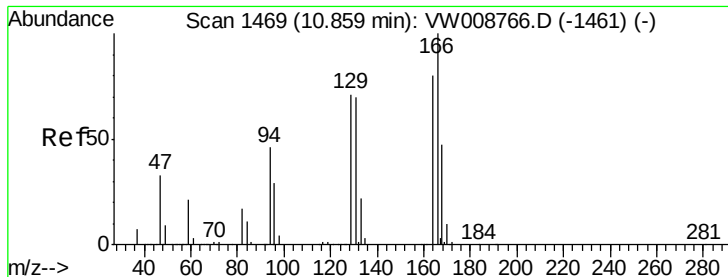


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 0.057 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

Tot Ion:164 Resp: 203

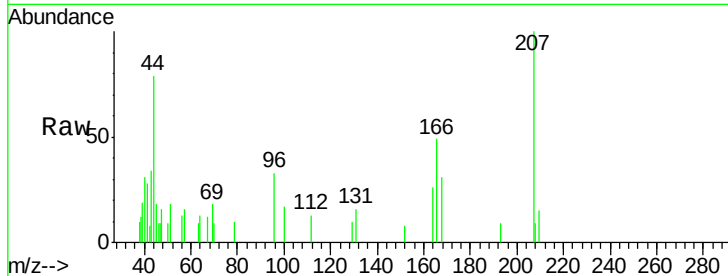
Ion Ratio Lower Upper

164 100

166 185.0 99.5 149.3#

129 36.4 71.1 106.7#

131 59.0 69.8 104.8#



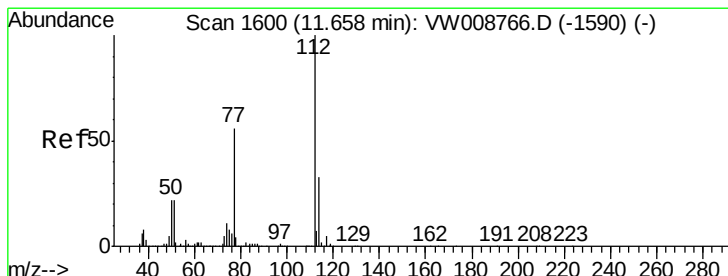
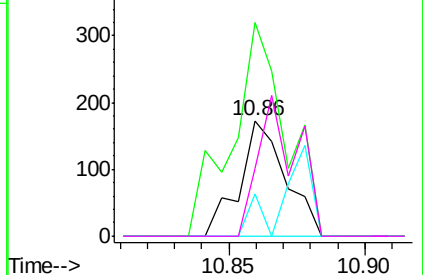
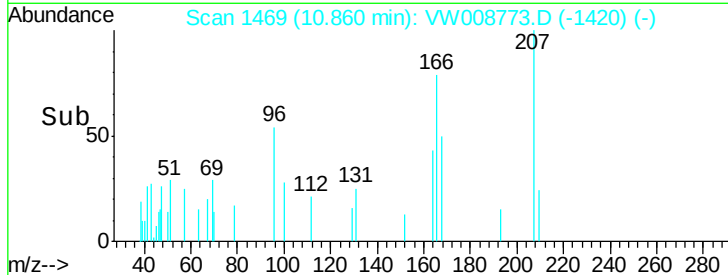
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#65

Chlorobenzene

Concen: 0.103 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW008773.D

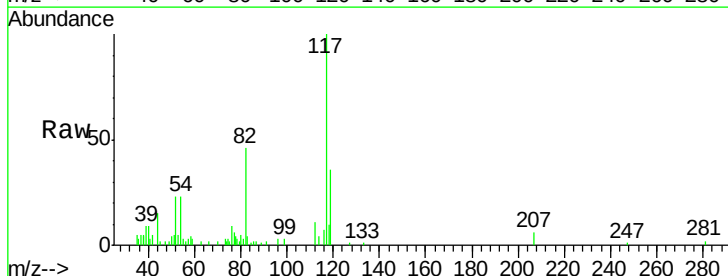
Acq: 21 Feb 2019 16:50

Tgt Ion:112 Resp: 1073

Ion Ratio Lower Upper

112 100

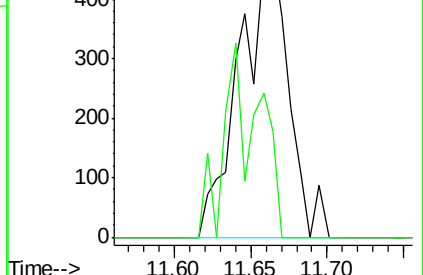
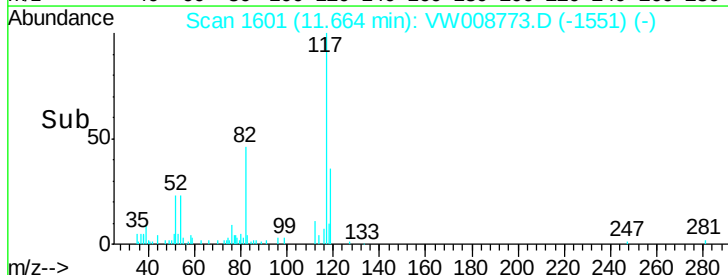
114 37.2 26.6 40.0

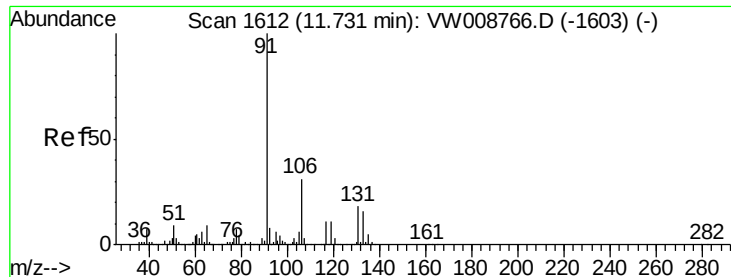


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->





#66

1,1,1,2-Tetrachloroethane

Concen: 0.011 ug/l

RT: 11.76 min Scan# 1617

Delta R.T. 0.03 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

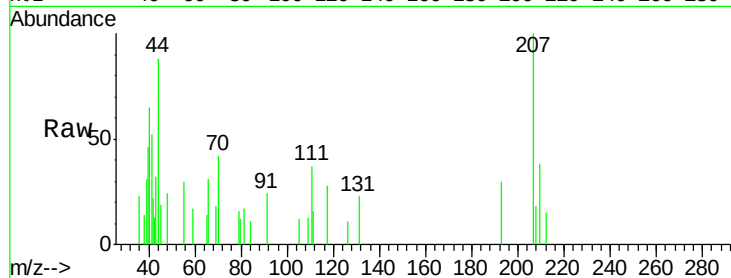
Tot Ion:131 Resp: 38

Ion Ratio Lower Upper

131 100

133 150.0 46.7 140.0#

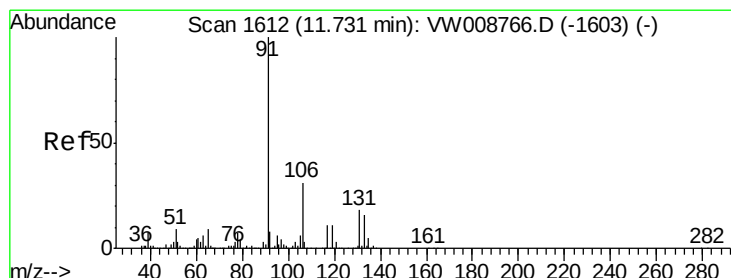
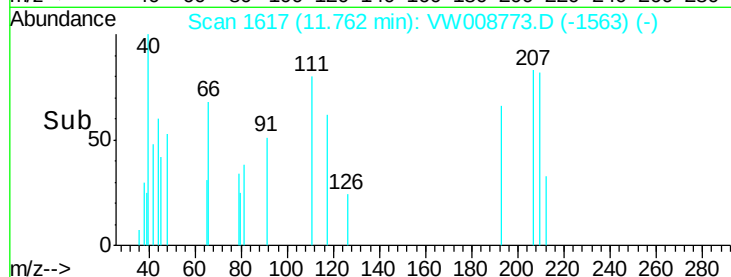
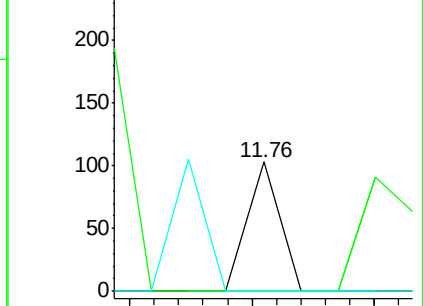
119 0.0 30.8 92.4#



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: 0.355 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008773.D

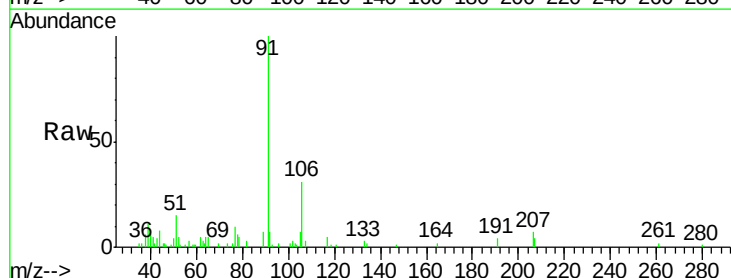
Acq: 21 Feb 2019 16:50

Tgt Ion: 91 Resp: 6623

Ion Ratio Lower Upper

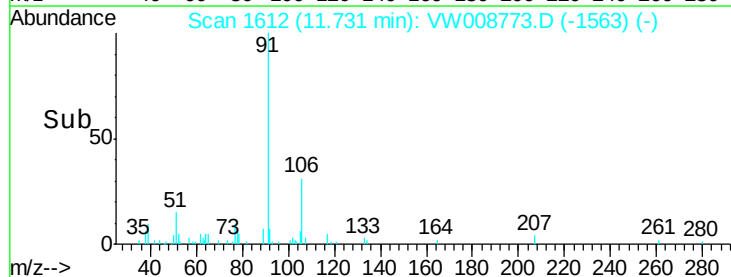
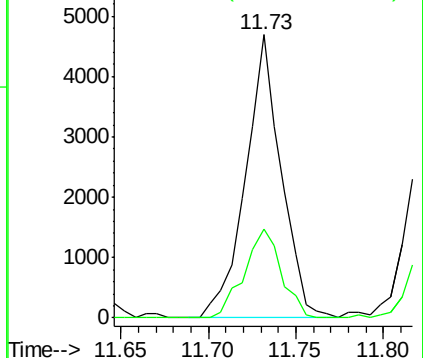
91 100

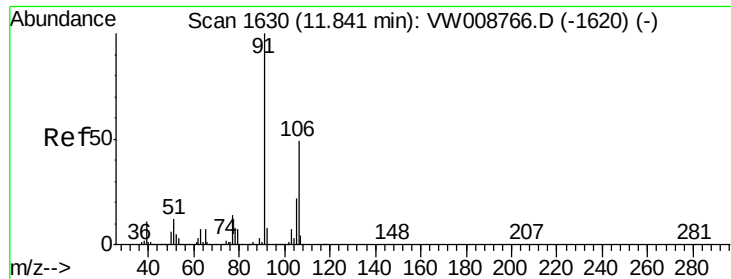
106 31.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

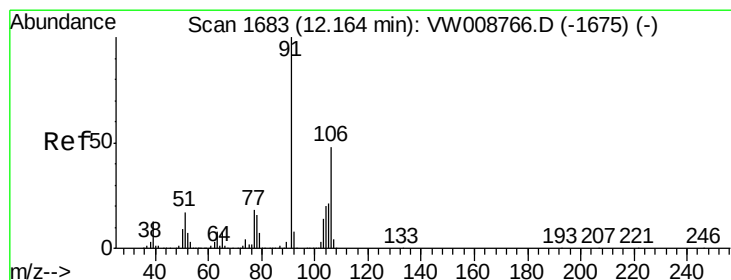
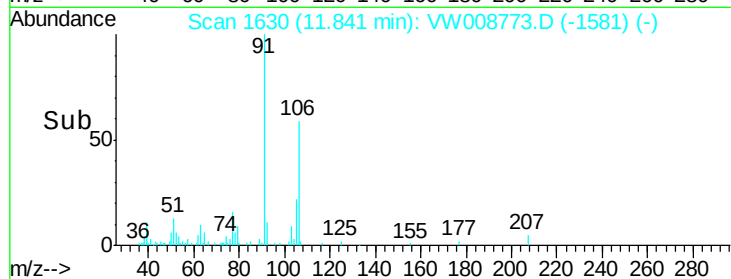
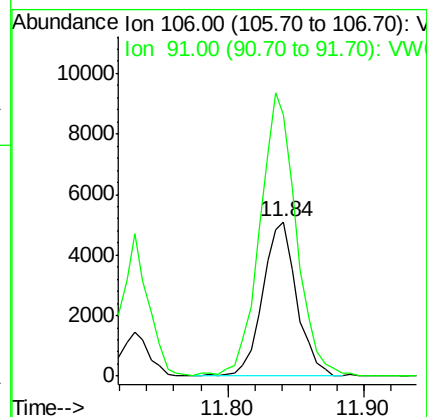
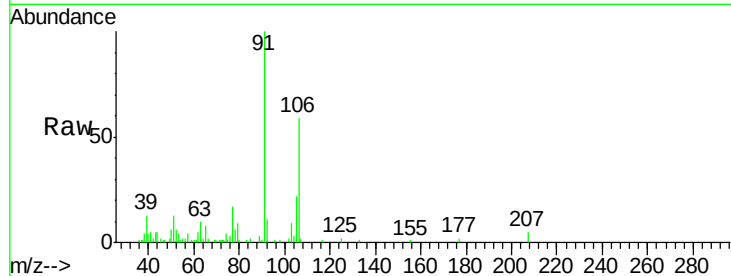




#68
m/p-Xylenes
Concen: 1.198 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

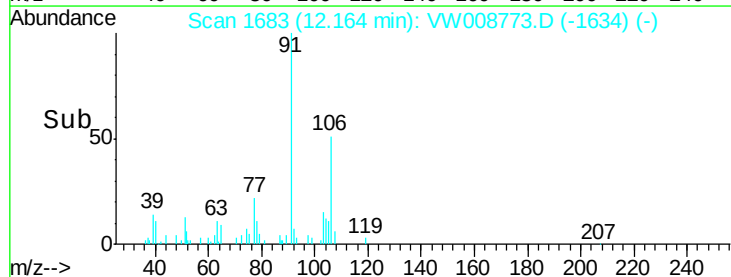
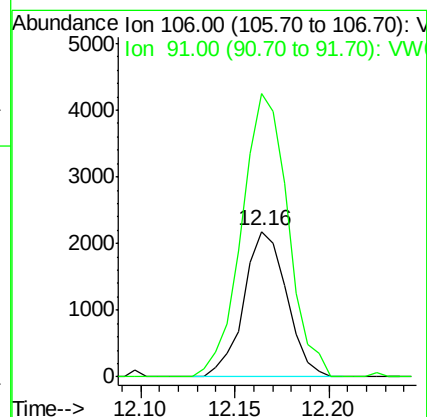
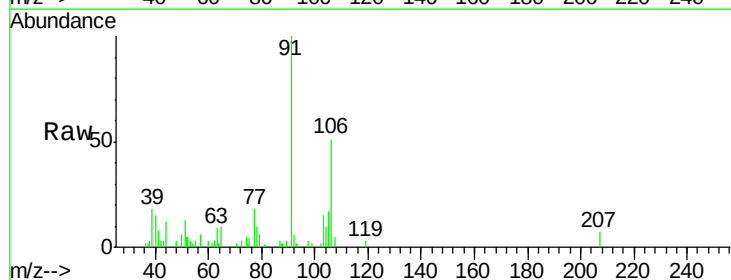
Instrument :
MSVOA_W
ClientSampleId :
NB-08-022019-B

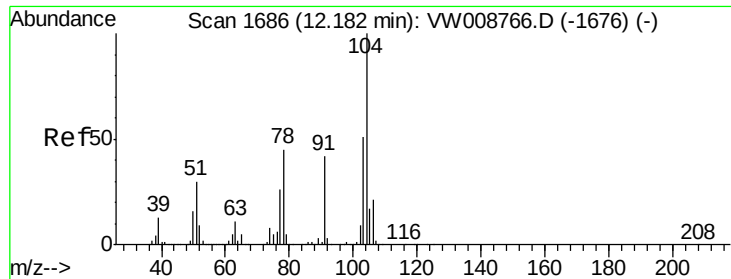
Tot Ion:106 Resp: 8927
Ion Ratio Lower Upper
106 100
91 196.0 161.5 242.3



#69
o-Xylene
Concen: 0.493 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008773.D
Acq: 21 Feb 2019 16:50

Tgt Ion:106 Resp: 3445
Ion Ratio Lower Upper
106 100
91 210.0 106.2 318.6





#70

Stvrene

Concen: 0.111 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

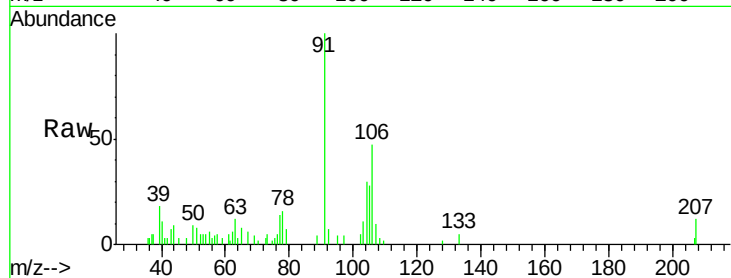
Tot Ion:104 Resp: 1252

Ion Ratio Lower Upper

104 100

78 100.0 40.8 61.2#

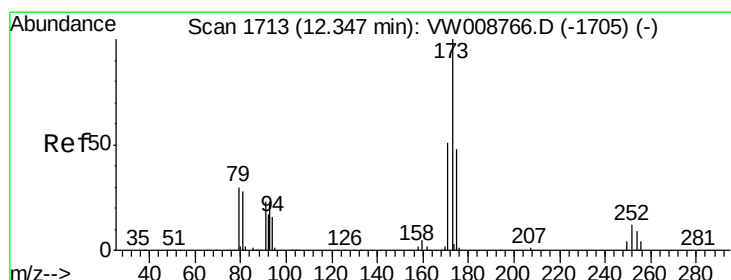
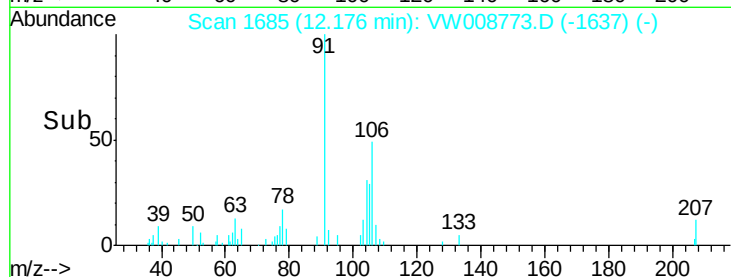
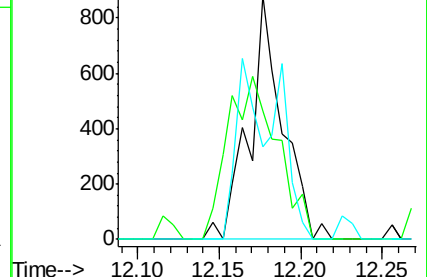
103 49.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.022 ug/l

RT: 12.59 min Scan# 1753

Delta R.T. 0.24 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

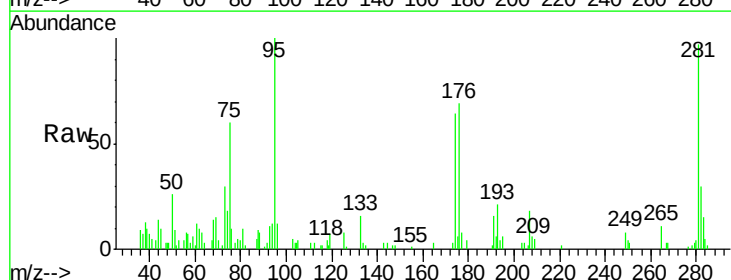
Tgt Ion:173 Resp: 42

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

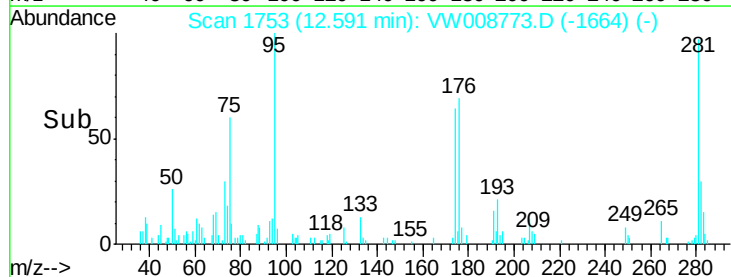
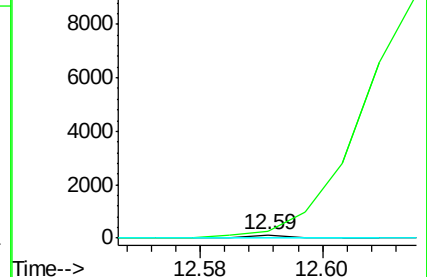
254 0.0 0.2 0.4#

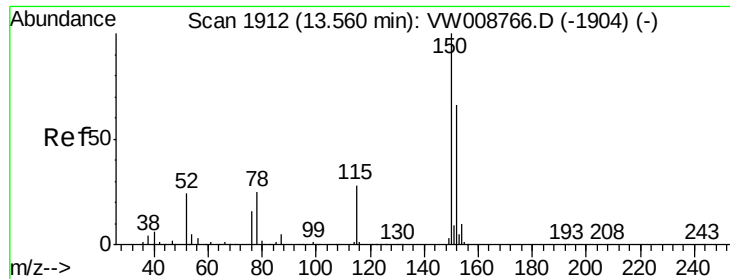


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

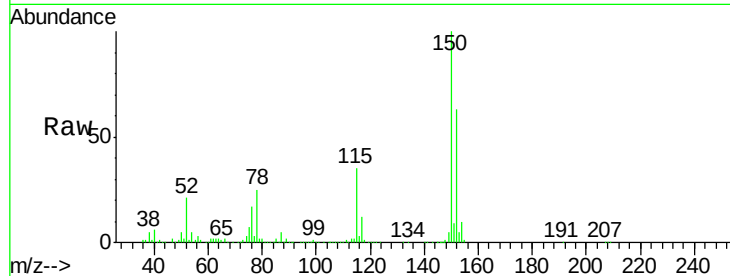
Tot Ion:152 Resp: 217206

Ion Ratio Lower Upper

152 100

115 57.9 28.6 85.8

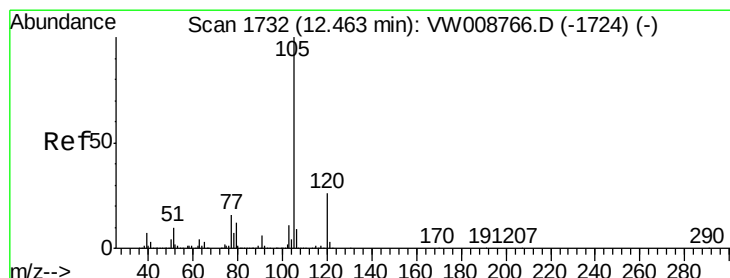
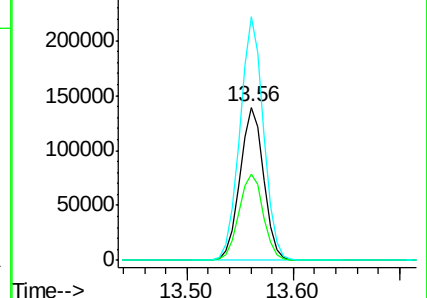
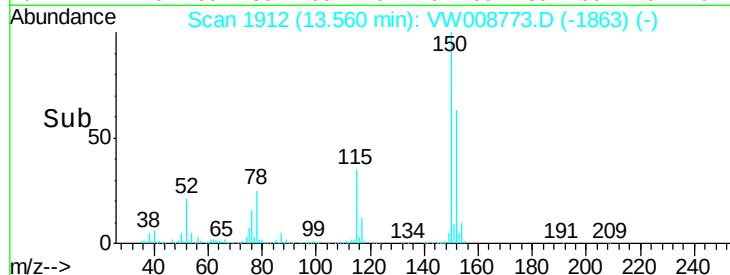
150 158.3 0.0 348.0



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: 0.068 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008773.D

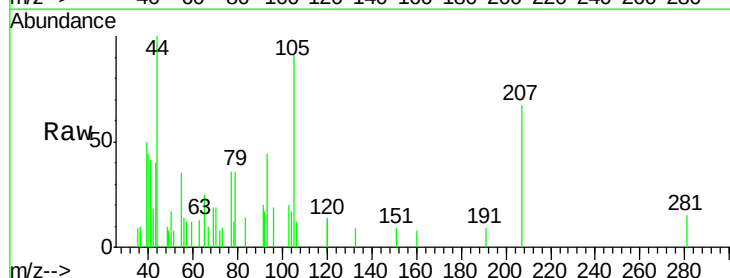
Acq: 21 Feb 2019 16:50

Tgt Ion:105 Resp: 1010

Ion Ratio Lower Upper

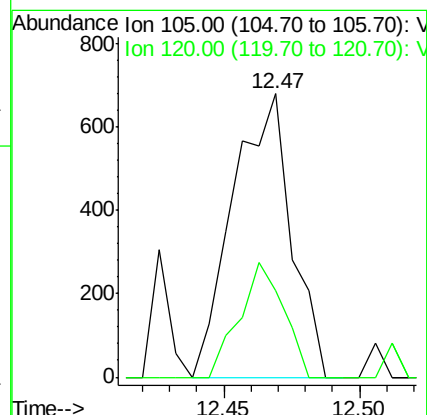
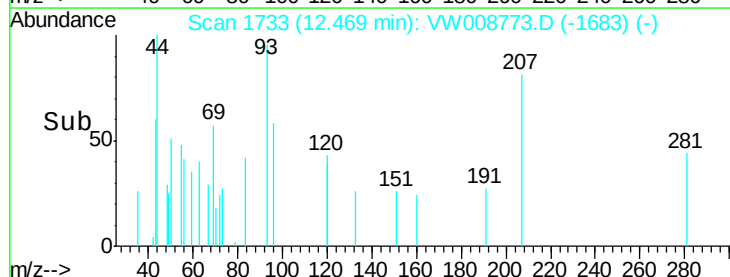
105 100

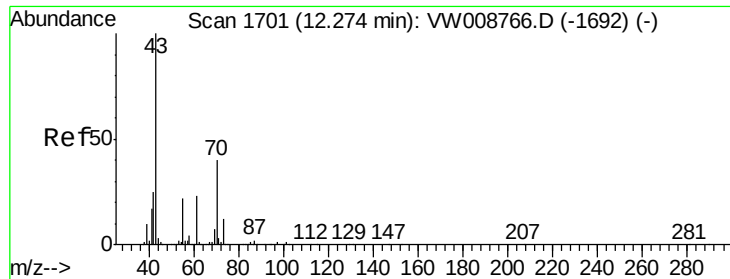
120 30.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.283 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

Tot Ion: 43 Resp: 1060

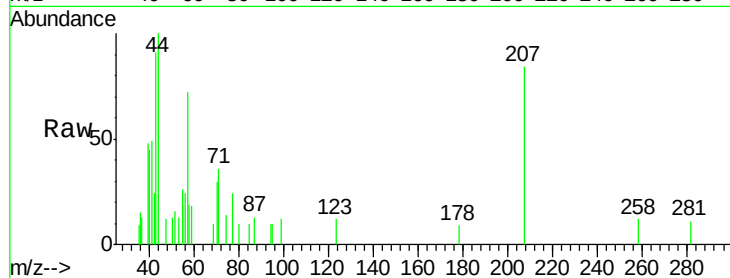
Ion Ratio Lower Upper

43 100

70 31.1 31.0 46.6

55 52.5 18.7 28.1#

61 5.9 18.1 27.1#



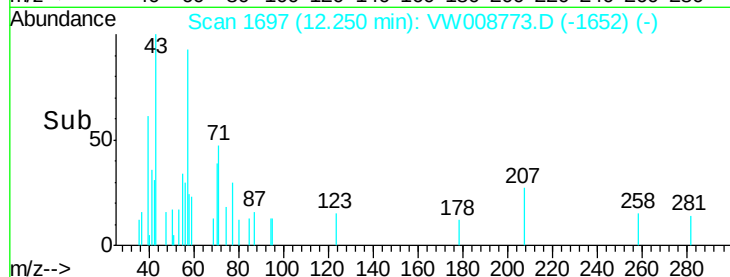
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

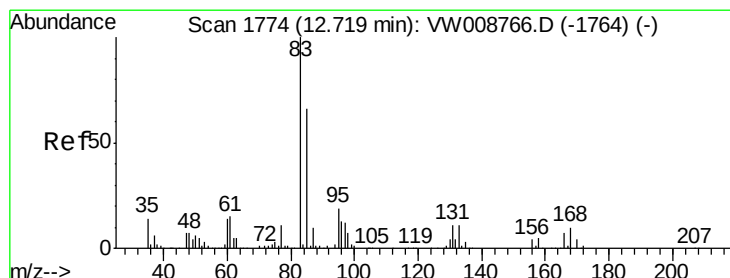
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.154 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

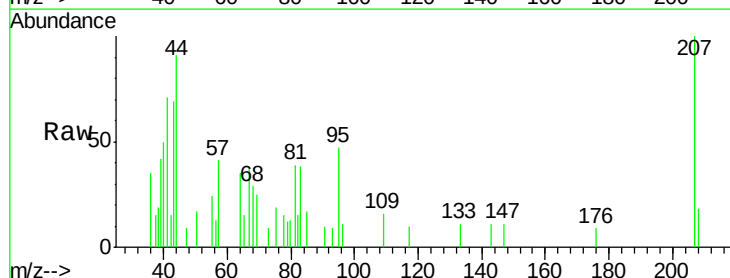
Tgt Ion: 83 Resp: 374

Ion Ratio Lower Upper

83 100

131 12.3 5.5 16.7

85 34.8 33.0 98.9

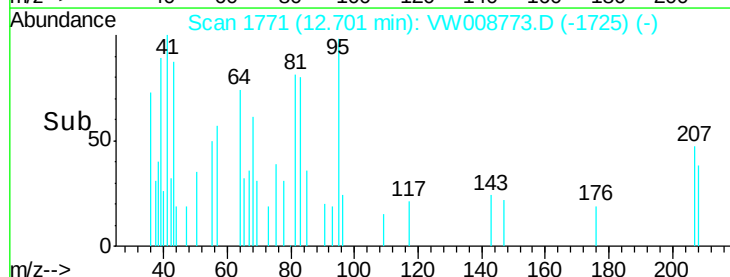


Abundance Ion 82.90 (82.60 to 83.60): VW

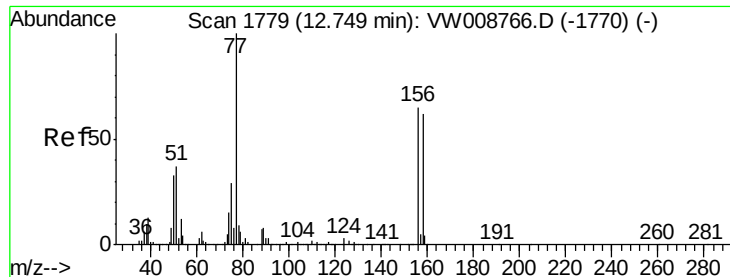
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

Time-->



Time-->



#77

Bromobenzene

Concen: 0.122 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

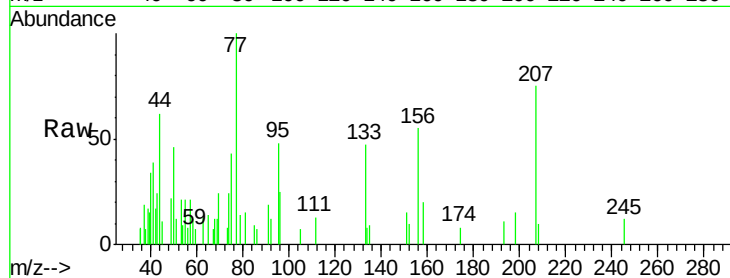
Tot Ion:156 Resp: 430

Ion Ratio Lower Upper

156 100

77 308.6 89.1 267.4#

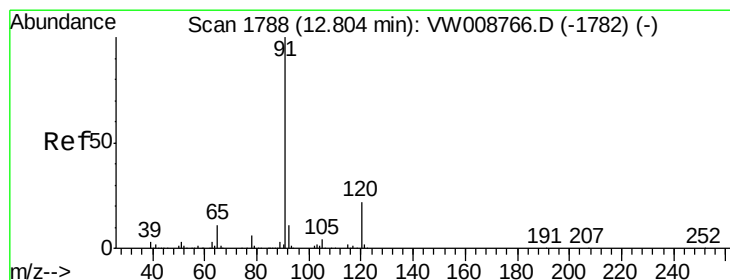
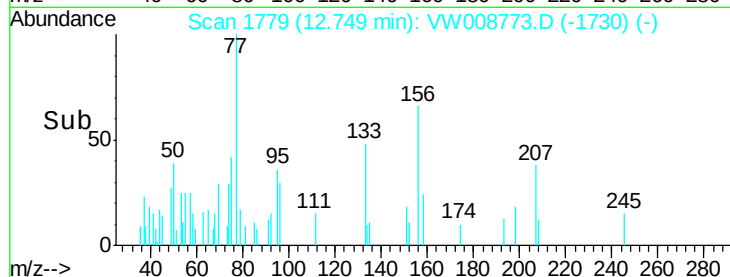
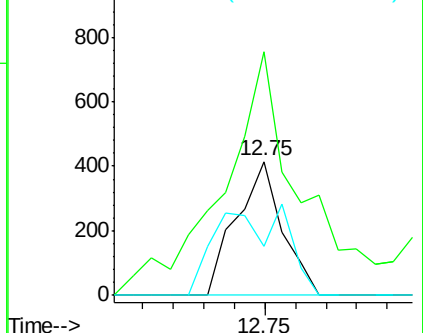
158 99.3 49.2 147.6



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: 0.130 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW008773.D

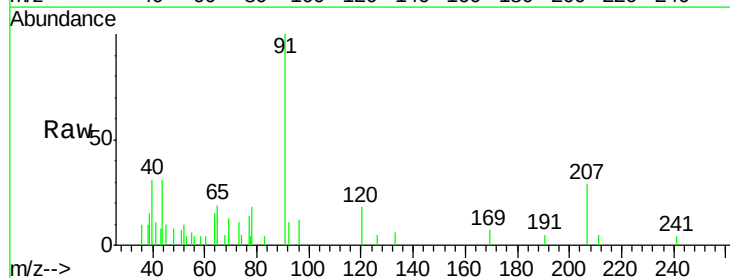
Acq: 21 Feb 2019 16:50

Tgt Ion: 91 Resp: 2361

Ion Ratio Lower Upper

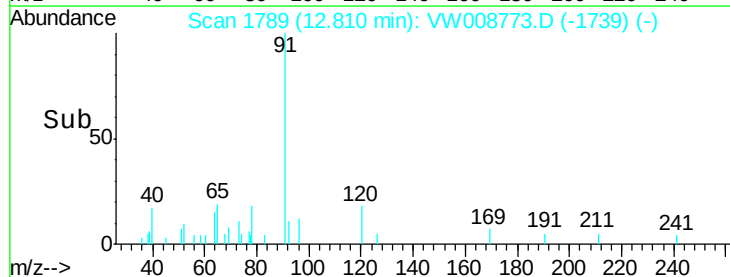
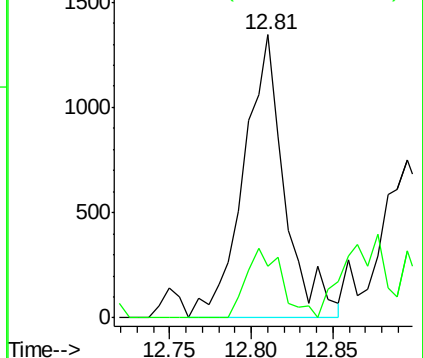
91 100

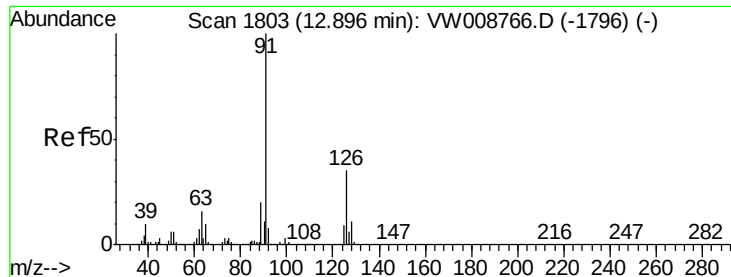
120 21.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.130 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

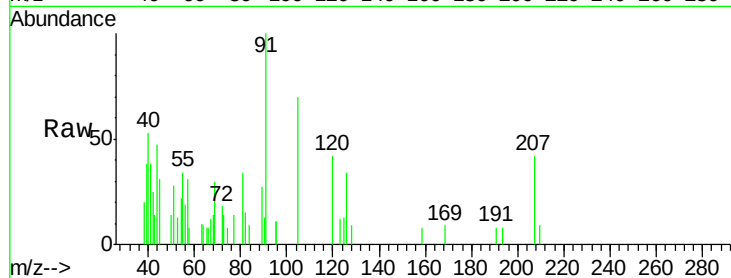
NB-08-022019-B

Tot Ion: 91 Resp: 1345

Ion Ratio Lower Upper

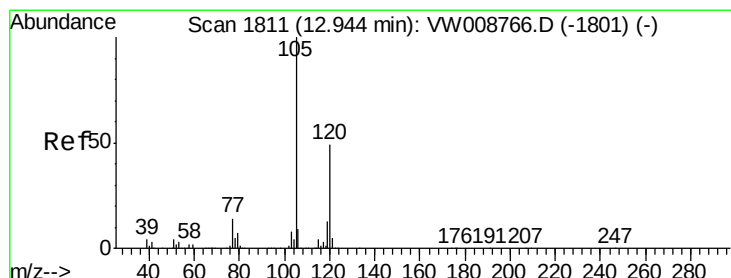
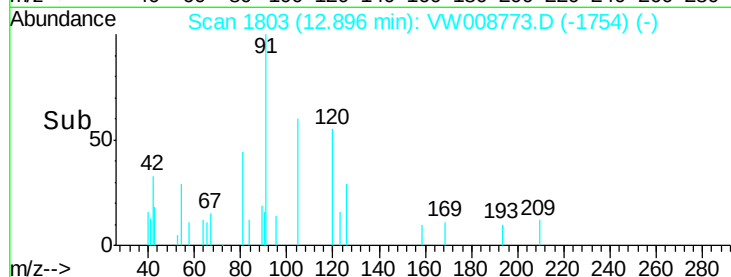
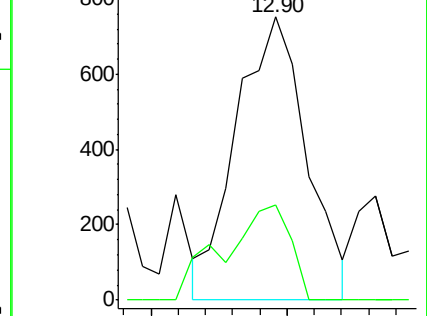
91 100

126 31.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.153 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008773.D

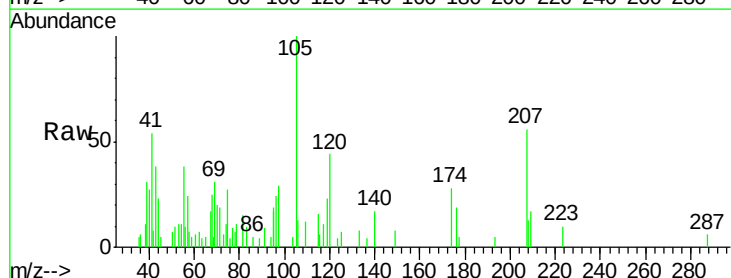
Acq: 21 Feb 2019 16:50

Tgt Ion: 105 Resp: 1977

Ion Ratio Lower Upper

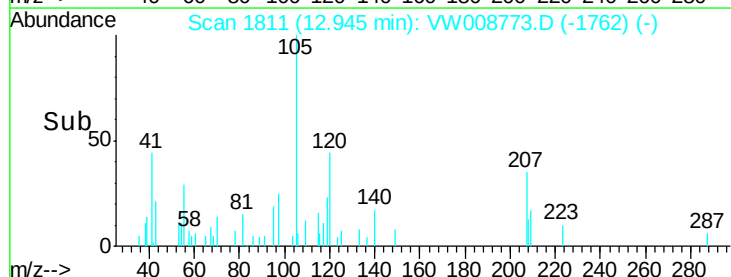
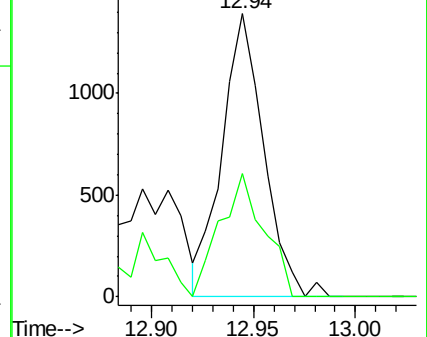
105 100

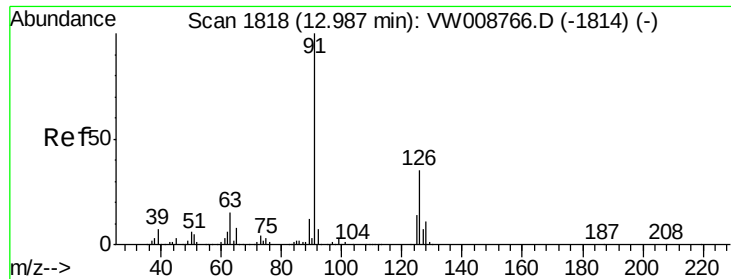
120 45.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#82

4-Chlorotoluene

Concen: 0.154 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

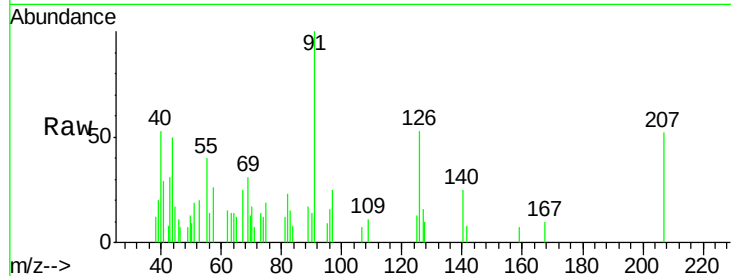
NB-08-022019-B

Tot Ion: 91 Resp: 1676

Ion Ratio Lower Upper

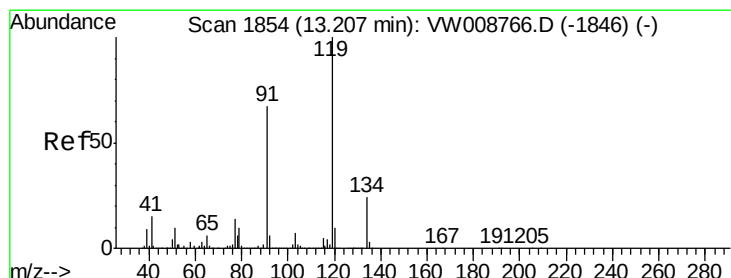
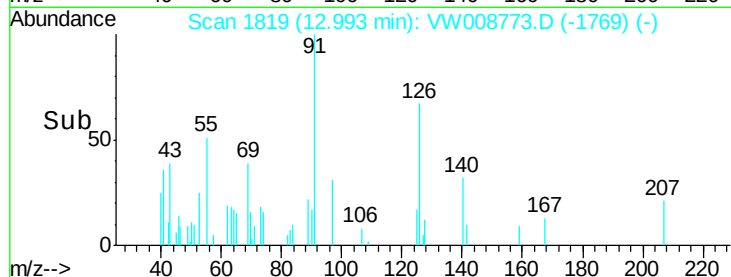
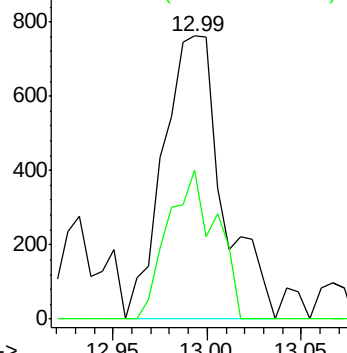
91 100

126 42.6 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: 0.100 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

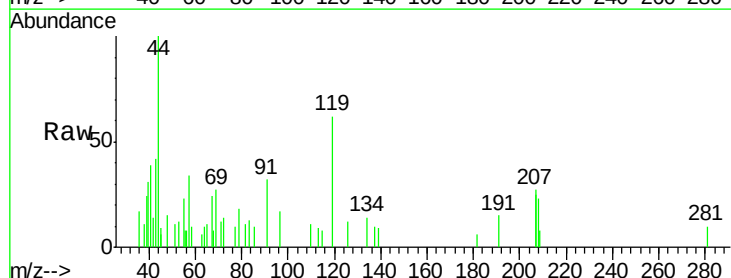
Tgt Ion: 119 Resp: 1119

Ion Ratio Lower Upper

119 100

91 63.2 33.6 100.8

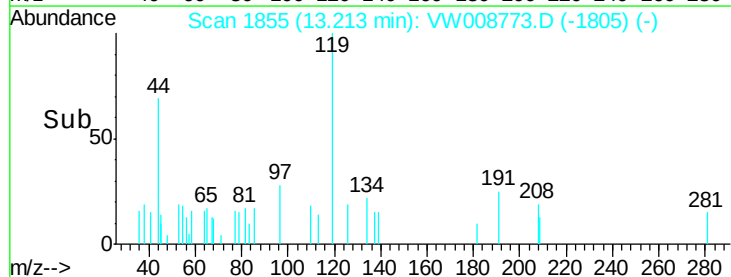
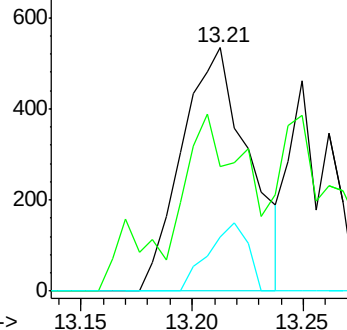
134 16.6 13.7 41.1

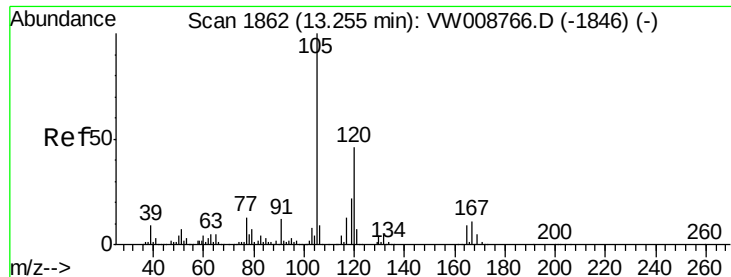


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

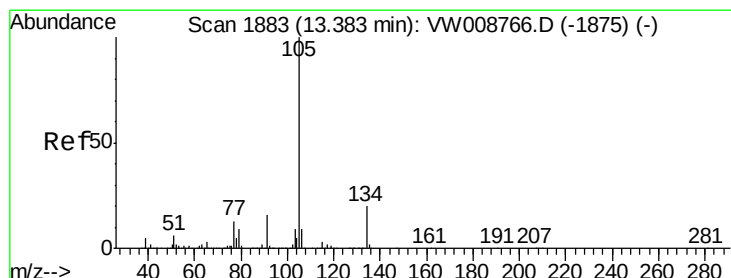
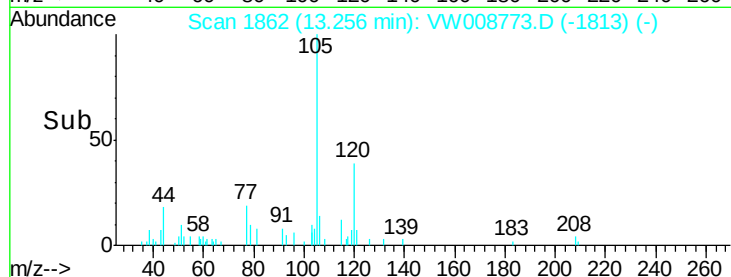
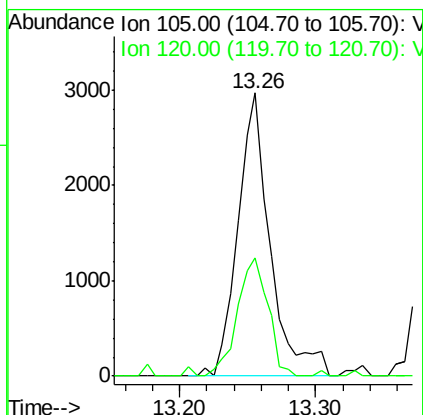
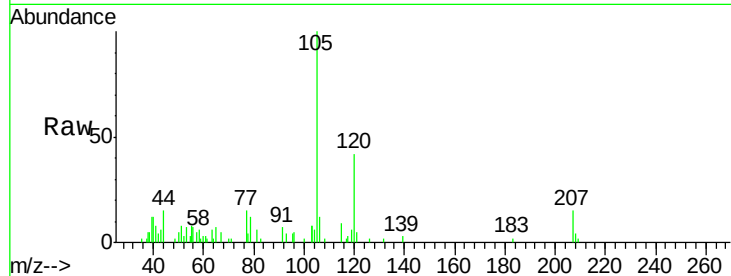




#84
 1,2,4-Trimethylbenzene
 Concen: 0.366 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

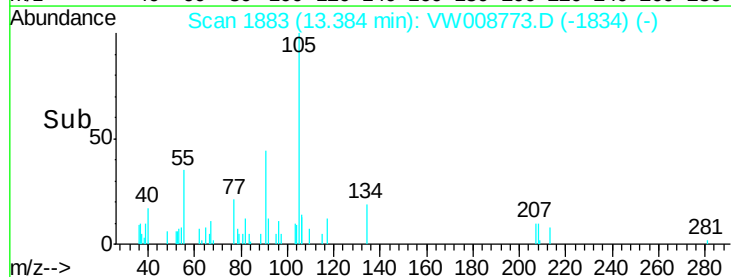
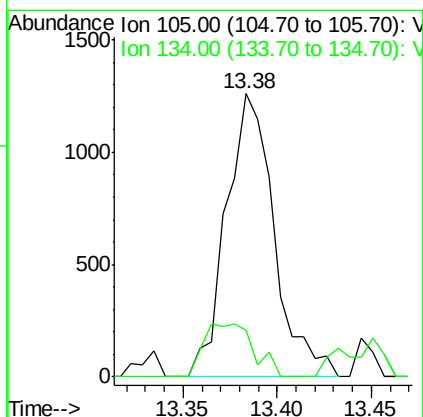
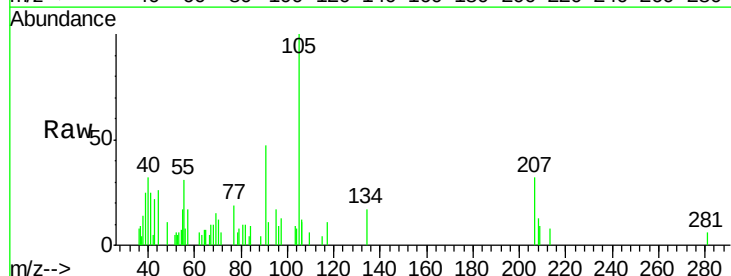
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-022019-B

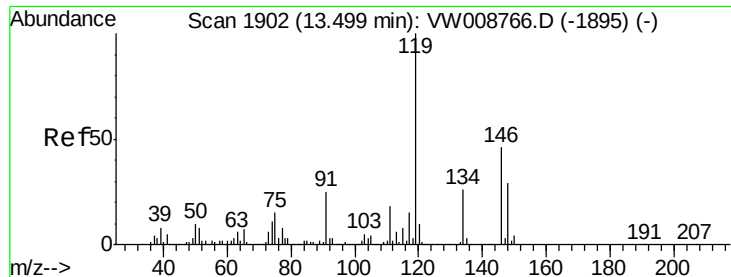
Tot Ion:105 Resp: 4908
 Ion Ratio Lower Upper
 105 100
 120 39.6 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 0.138 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Tgt Ion:105 Resp: 2225
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

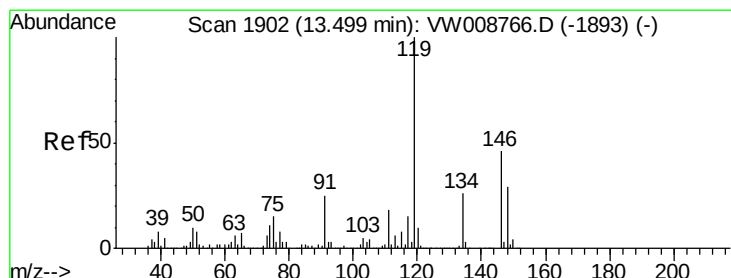
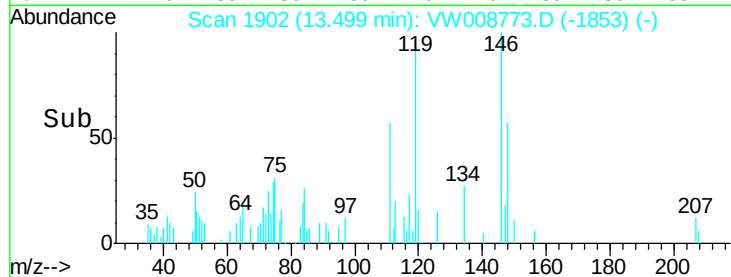
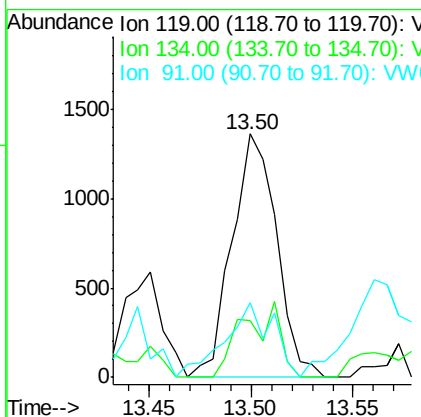
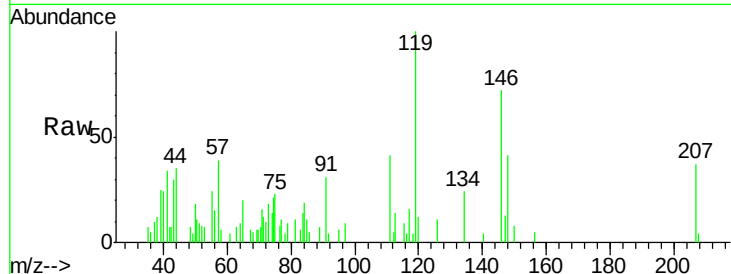




#86
 p-Isopropyltoluene
 Concen: 0.140 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

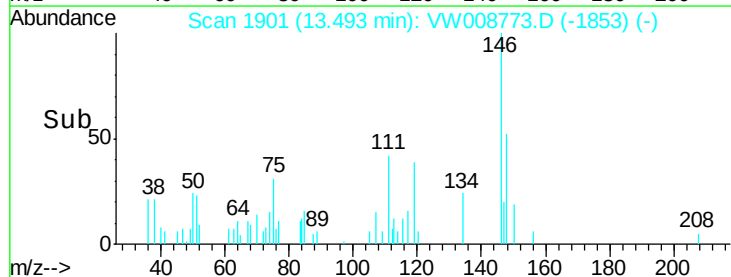
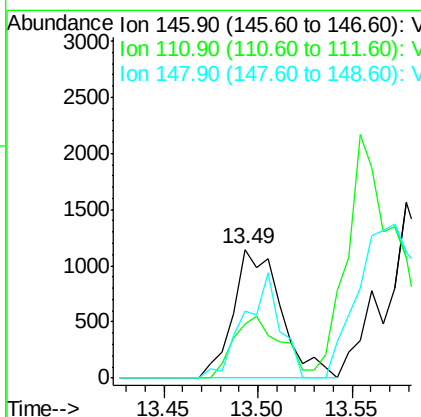
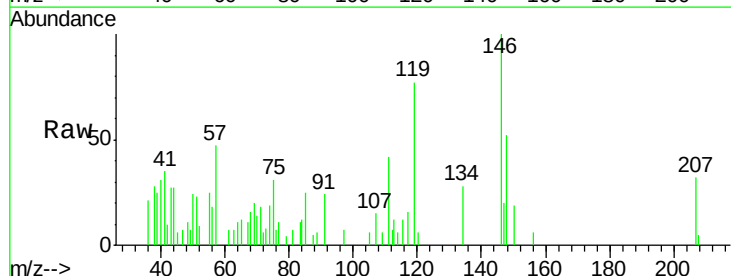
Instrument :
 MSVOA_W
 ClientSampled :
 NB-08-022019-B

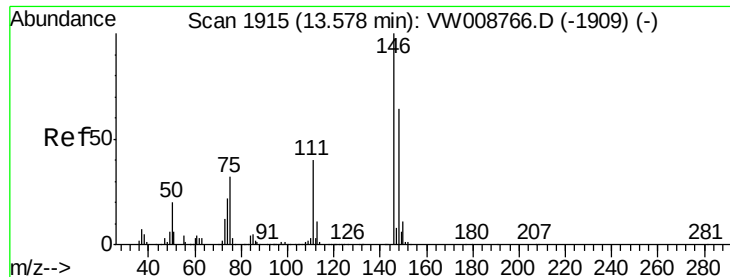
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	32.9	12.1	36.3



#87
 1,3-Dichlorobenzene
 Concen: 0.276 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	19.9	59.7
148	61.6	31.6	94.8

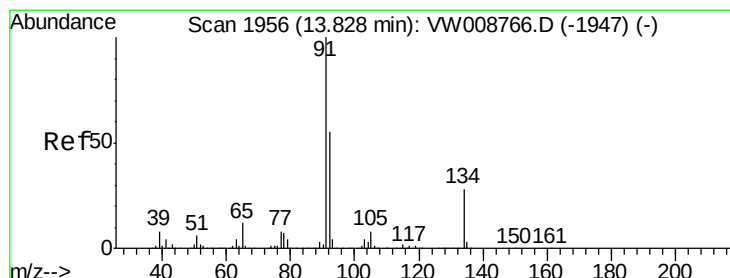
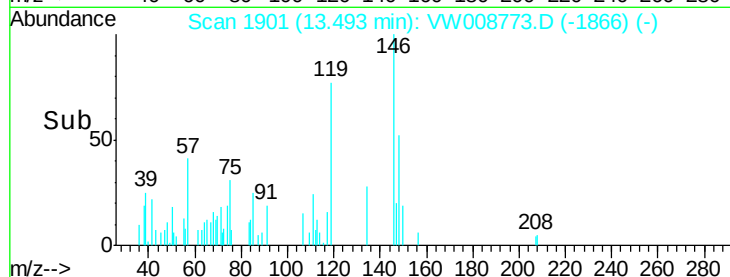
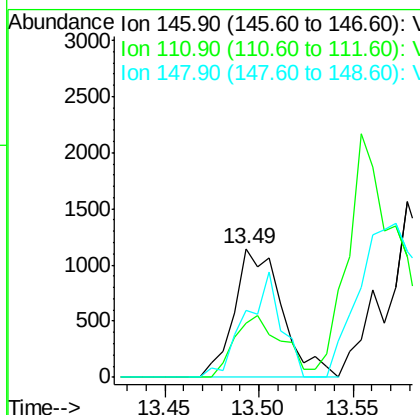
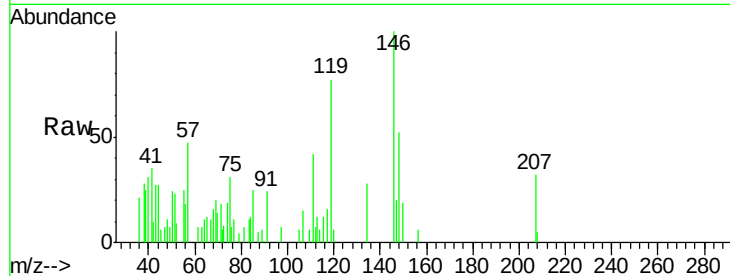




#88
 1,4-Dichlorobenzene
 Concen: 0.280 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.09 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

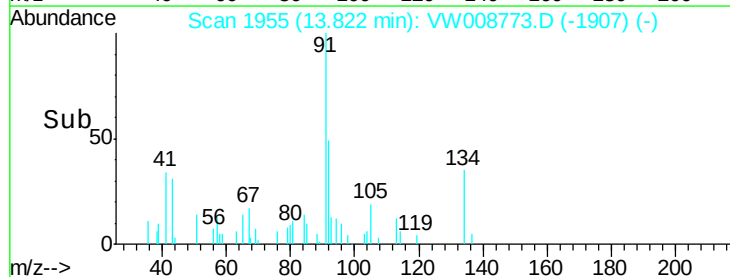
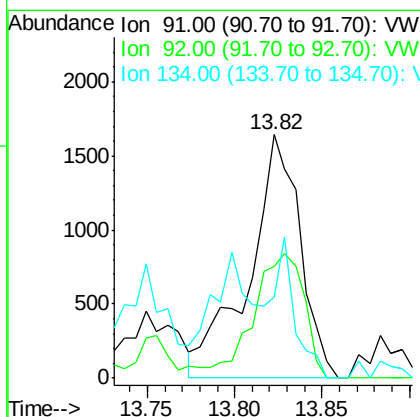
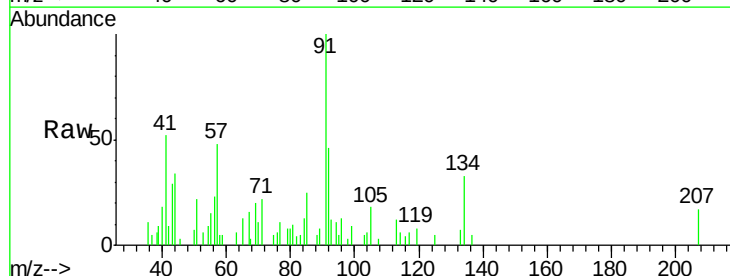
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-022019-B

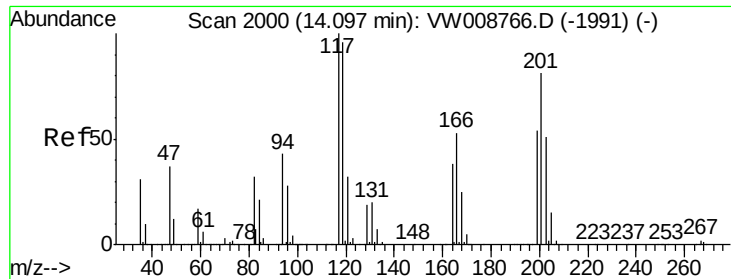
Tot Ion:146 Resp: 2017
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.3 57.9
 148 61.6 31.9 95.9



#89
 n-Butylbenzene
 Concen: 0.242 ug/l
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Tgt Ion: 91 Resp: 3342
 Ion Ratio Lower Upper
 91 100
 92 49.8 26.8 80.4
 134 23.3 13.5 40.4





#90

Hexachloroethane

Concen: 0.315 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

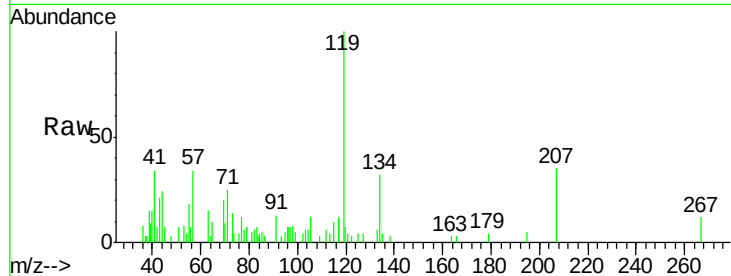
NB-08-022019-B

Tot Ion:117 Resp: 760

Ion Ratio Lower Upper

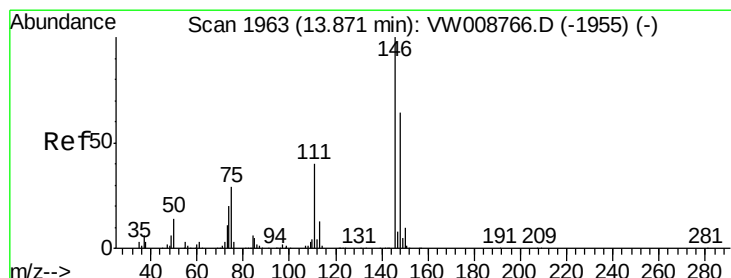
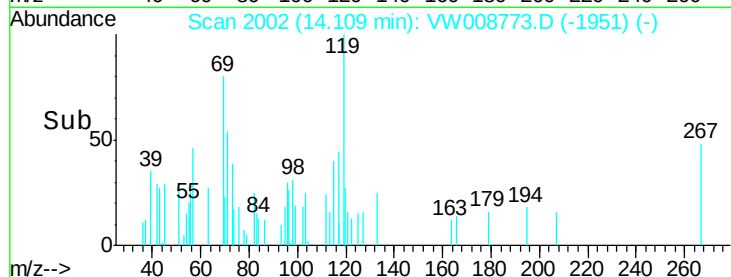
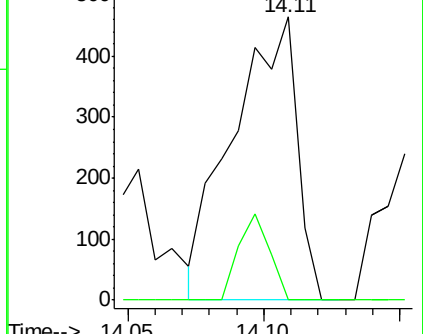
117 100

201 14.6 40.3 120.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.227 ug/l

RT: 13.88 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

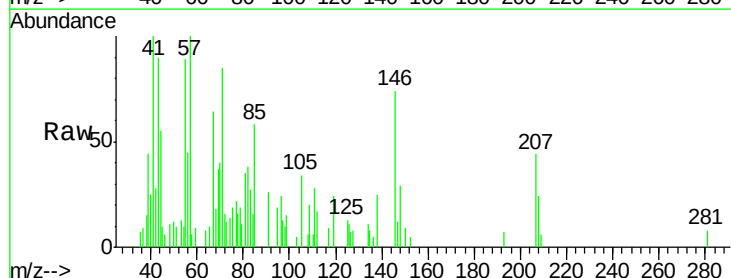
Tgt Ion:146 Resp: 1479

Ion Ratio Lower Upper

146 100

111 60.9 20.3 60.8#

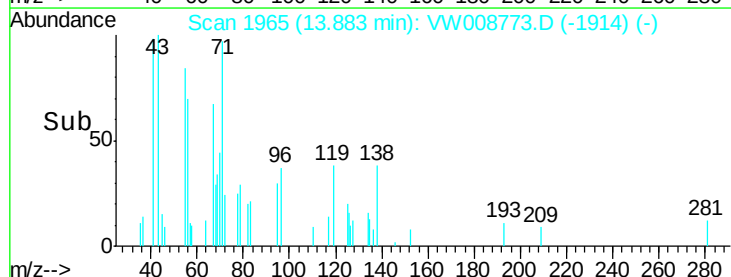
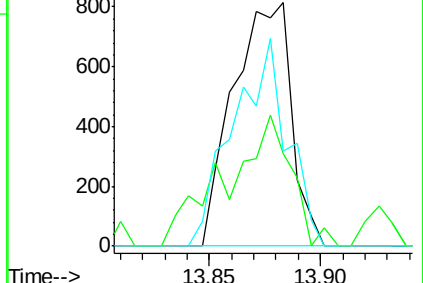
148 79.2 32.5 97.5

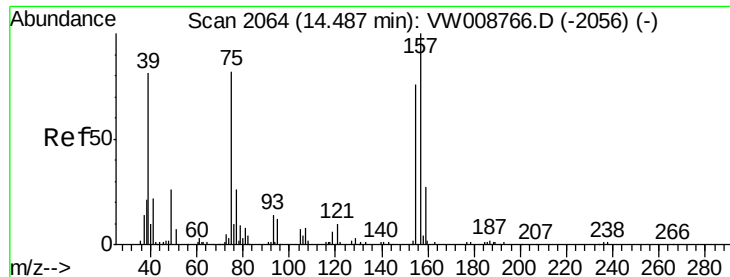


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.793 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

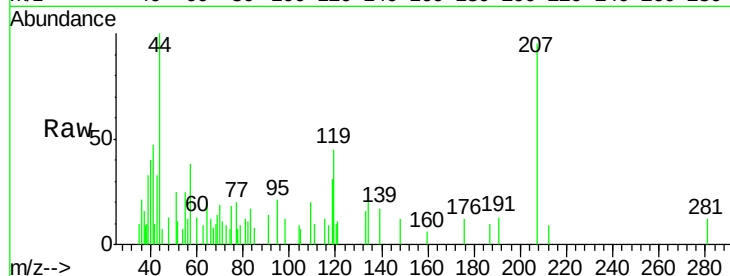
Tot Ion: 75 Resp: 349

Ion Ratio Lower Upper

75 100

155 24.6 41.8 125.4#

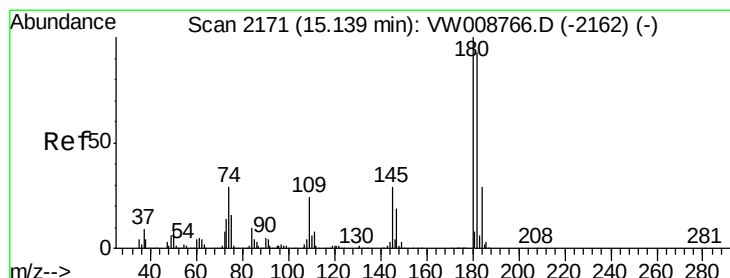
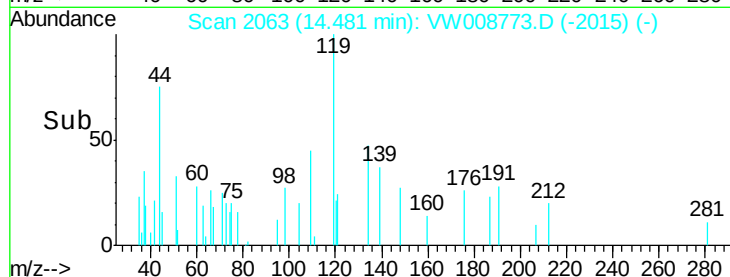
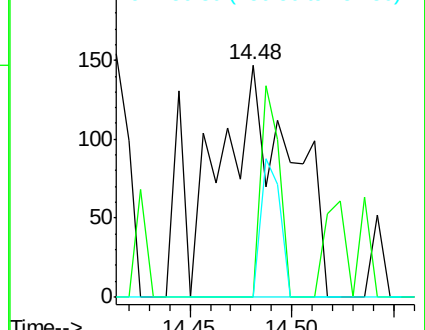
157 16.6 56.6 169.9#



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: 0.584 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

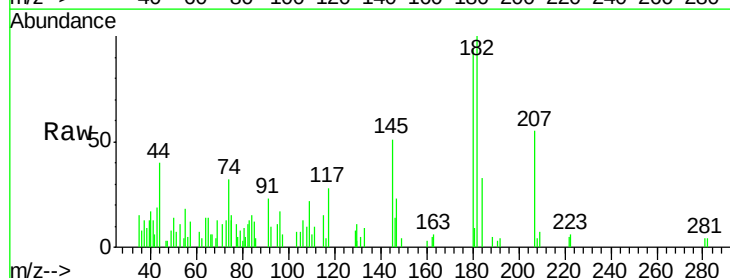
Tgt Ion: 180 Resp: 2738

Ion Ratio Lower Upper

180 100

182 93.3 47.2 141.6

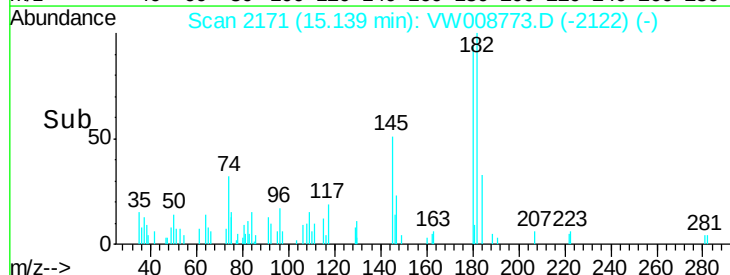
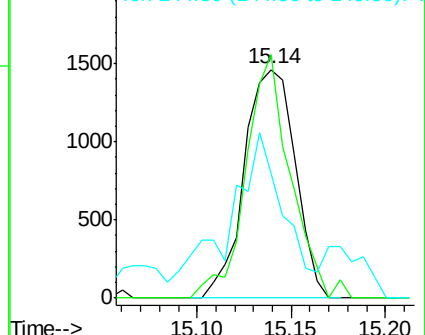
145 80.7 14.4 43.0#

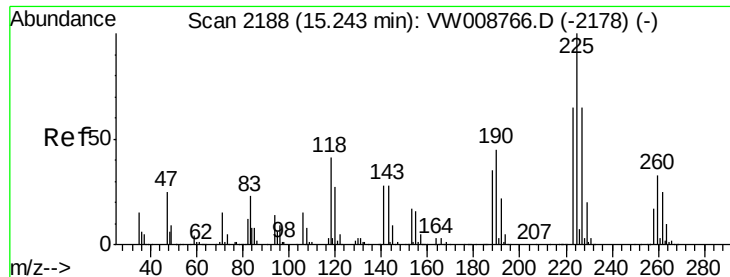


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.285 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.01 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

NB-08-022019-B

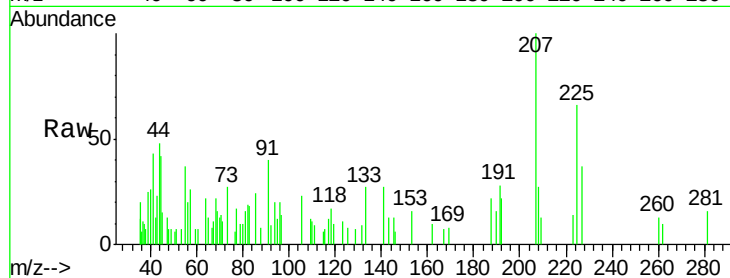
Tot Ion:225 Resp: 786

Ion Ratio Lower Upper

225 100

223 32.4 31.5 94.5

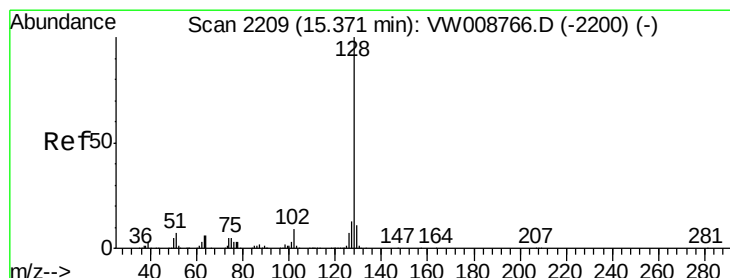
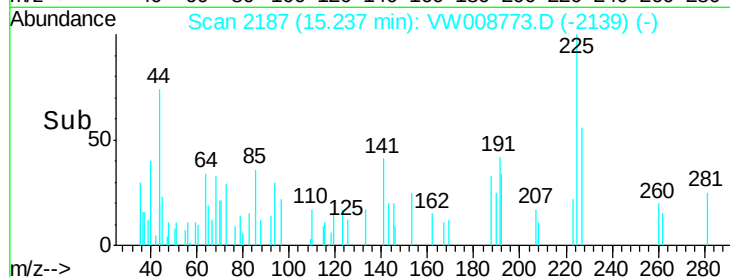
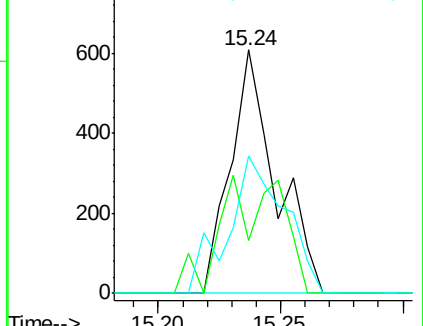
227 70.4 31.6 94.8



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: 0.791 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008773.D

Acq: 21 Feb 2019 16:50

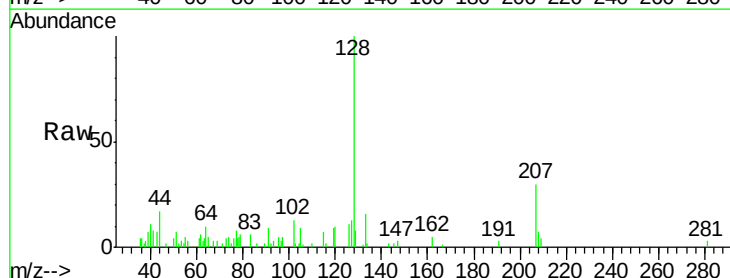
Tgt Ion:128 Resp: 6312

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

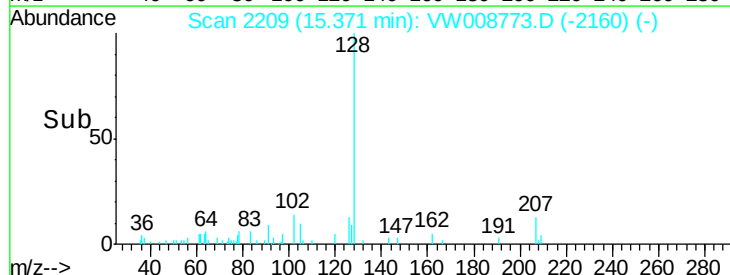
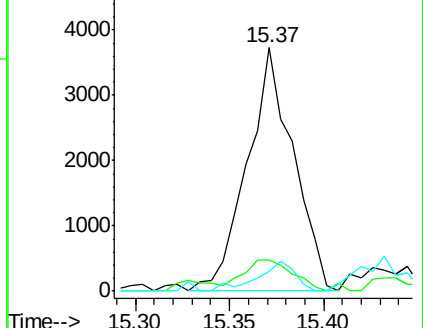
129 9.8 8.7 13.1

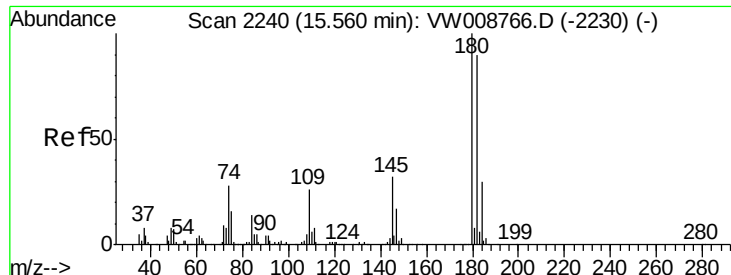


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

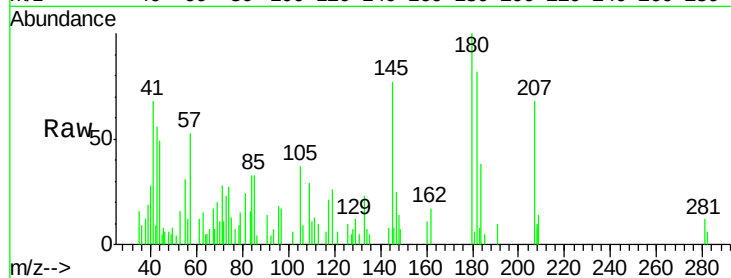




#96
 1,2,3-Trichlorobenzene
 Concen: 0.595 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW008773.D
 Acq: 21 Feb 2019 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-022019-B

Tot Ion:180 Resp: 2413
 Ion Ratio Lower Upper
 180 100
 182 84.0 46.9 140.8
 145 77.2 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

