

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092618\
 Data File : VN051506.D
 Acq On : 26 Sep 2018 00:54
 Operator : MD\SY
 Sample : J5065-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

Quant Time: Sep 26 04:12:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	696895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	836459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	384496	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	446630	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
35) Dibromofluoromethane	7.60	113	391546	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	1437288	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.40	95	433094	43.60	ug/l	0.00
Spiked Amount			Recovery	=	87.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2346	0.227	ug/l	98
5) Bromomethane	2.56	94	1017	0.208	ug/l	95
11) Tert butyl alcohol	4.78	59	1425	2.892	ug/l #	78
13) Acrolein	3.78	56	855	1.748	ug/l #	12
14) Allyl chloride	4.54	41	12781	0.982	ug/l #	70
15) Acrylonitrile	5.06	53	5256	1.961	ug/l #	42
16) Acetone	3.82	43	32297	Below Cal		97
17) Carbon Disulfide	4.05	76	6204	0.272	ug/l #	95
18) Methyl Acetate	4.54	43	27472	4.132	ug/l #	52
19) Methyl tert-butyl Ether	5.05	73	38525	1.927	ug/l #	1
25) 2-Butanone	6.85	43	12500	4.183	ug/l #	88
31) Cyclohexane	7.66	56	52782	3.840	ug/l #	79
36) 1,1-Dichloropropene	7.67	75	47183	3.995	ug/l #	50
37) Ethyl Acetate	6.85	43	12500	1.841	ug/l #	68
38) Carbon Tetrachloride	7.67	117	62002	5.020	ug/l #	16
39) Methylcyclohexane	9.08	83	56645	4.103	ug/l	93
40) Benzene	8.04	78	45504	1.312	ug/l	93
43) Isopropyl Acetate	8.15	43	8267	0.673	ug/l #	60
48) Methyl methacrylate	9.27	41	7639	1.248	ug/l #	63
51) 4-Methyl-2-Pentanone	9.99	43	3658	0.542	ug/l	93
52) Toluene	10.16	92	81798	3.796	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	11395	1.496	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.65	63	91	20.386	ug/l #	48
59) 2-Hexanone	10.76	43	1864	0.426	ug/l	81
67) Ethyl Benzene	11.51	91	538921	14.901	ug/l	99
68) m/p-Xylenes	11.62	106	2201878	157.392	ug/l	99
69) o-Xylene	11.95	106	860322	63.969	ug/l	97
70) Styrene	11.95	104	49888	2.341	ug/l #	1
71) Bromoform	12.40	173	4499	0.811	ug/l #	1
73) Isopropylbenzene	12.25	105	106072	3.270	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	17895	2.804	ug/l #	100
78) n-propylbenzene	12.59	91	316630	8.660	ug/l	98
79) 2-Chlorotoluene	12.65	91	260217	11.890	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	802114	30.322	ug/l	100

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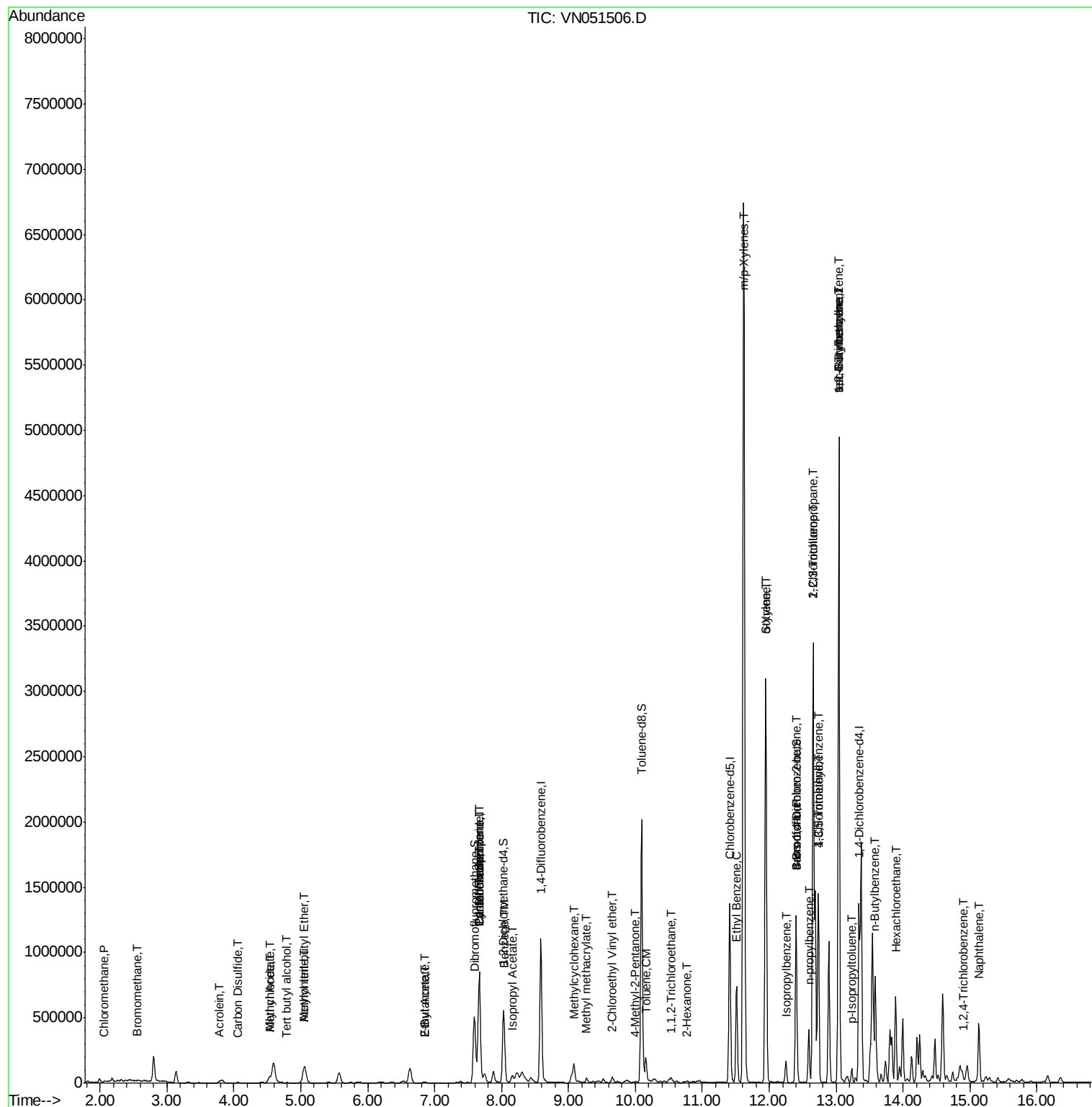
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.40	75	212581	102.410	ug/l #	12
82) 4-Chlorotoluene	12.73	91	82611	3.782	ug/l #	40
83) tert-Butylbenzene	13.04	119	349493	14.843	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	2758691	103.493	ug/l	100
85) sec-Butylbenzene	13.04	105	2758691	86.607	ug/l #	56
86) p-Isopropyltoluene	13.23	119	58482	2.122	ug/l	98
89) n-Butylbenzene	13.58	91	41210	1.818	ug/l #	1
90) Hexachloroethane	13.89	117	37257	6.784	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.90	180	169	6.002	ug/l #	1
95) Naphthalene	15.13	128	378339	30.252	ug/l	99

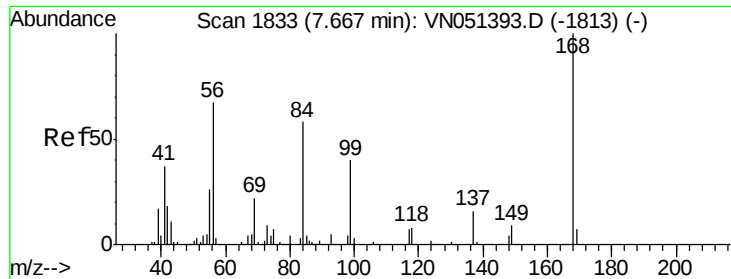
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

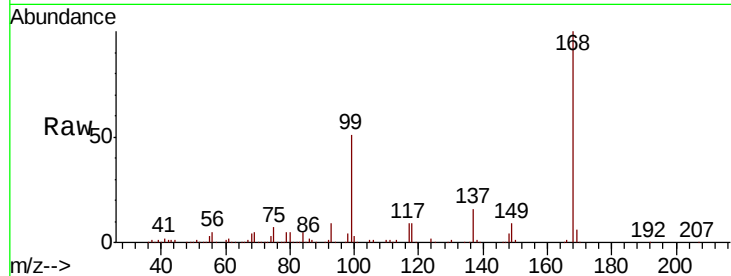
RFK-RMAB-MW13-GW

Tot Ion:168 Resp: 696895

Ion Ratio Lower Upper

168 100

99 50.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

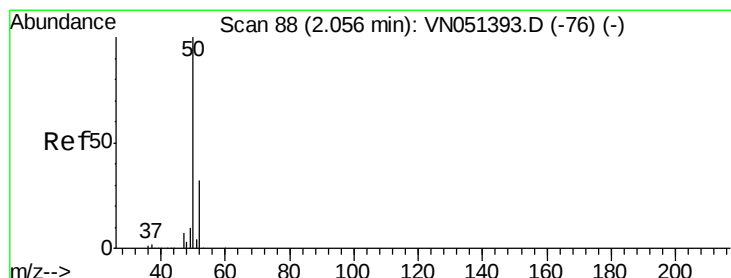
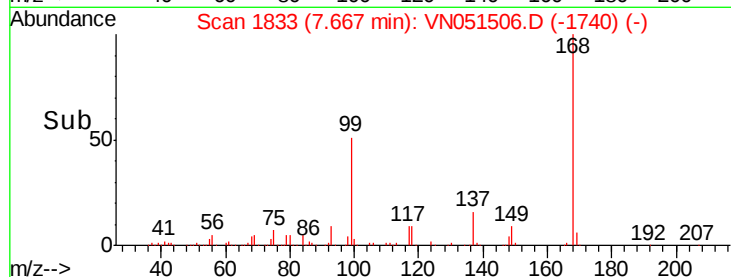
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.227 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051506.D

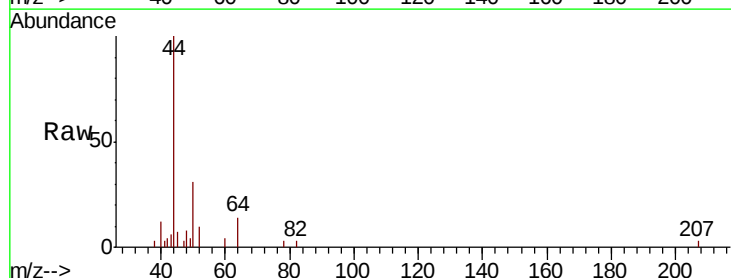
Acq: 26 Sep 2018 00:54

Tgt Ion: 50 Resp: 2346

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

2000

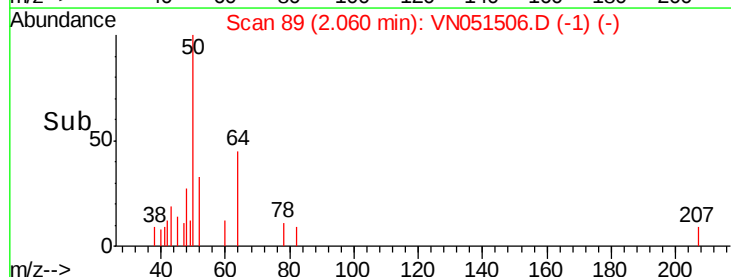
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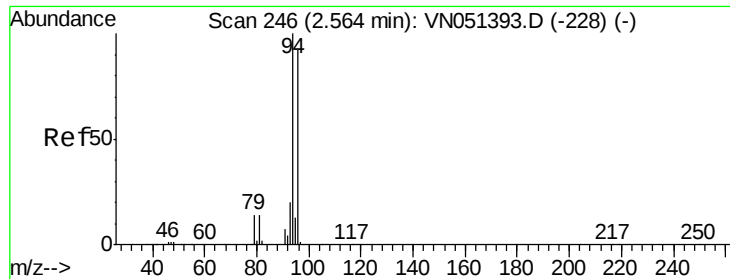
1000

500

0

Time--> 2.02 2.04 2.06 2.08 2.10





#5

Bromomethane

Concen: 0.208 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

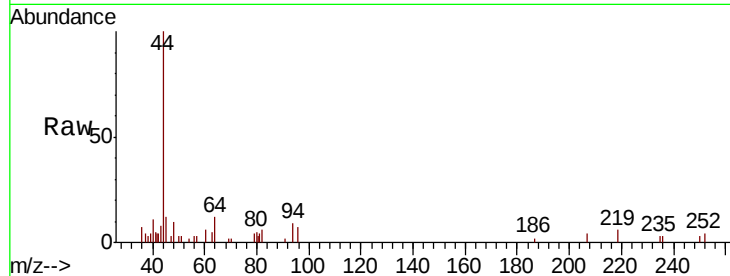
RFK-RMAB-MW13-GW

Tot Ion: 94 Resp: 1017

Ion Ratio Lower Upper

94 100

96 87.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

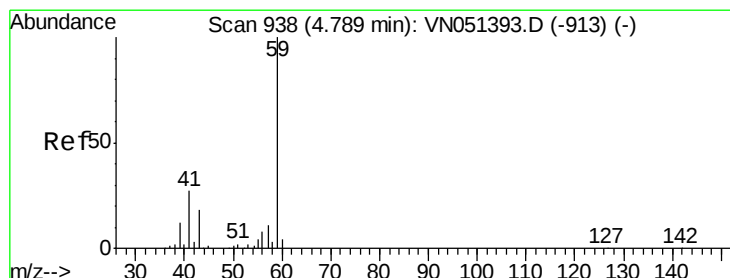
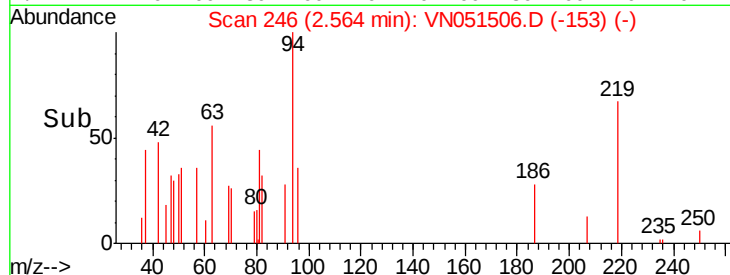
600

400

200

0

Time-->



#11

Tert butyl alcohol

Concen: 2.892 ug/l

RT: 4.78 min Scan# 935

Delta R.T. -0.01 min

Lab File: VN051506.D

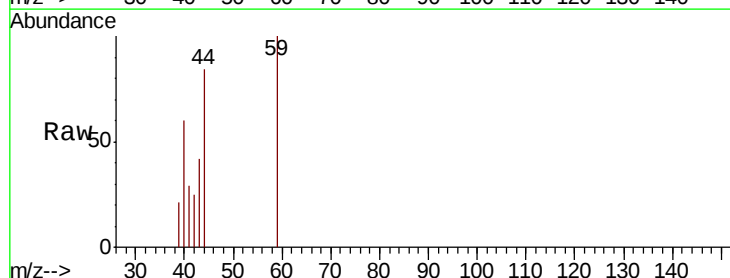
Acq: 26 Sep 2018 00:54

Tgt Ion: 59 Resp: 1425

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

1200

1000

800

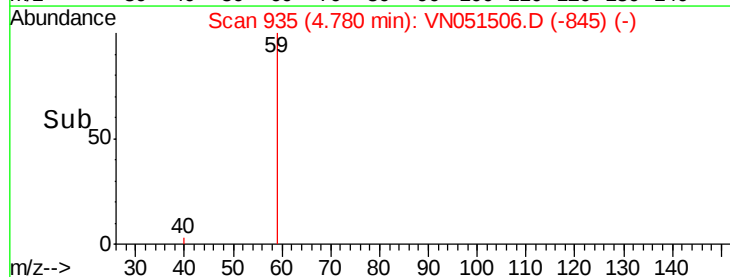
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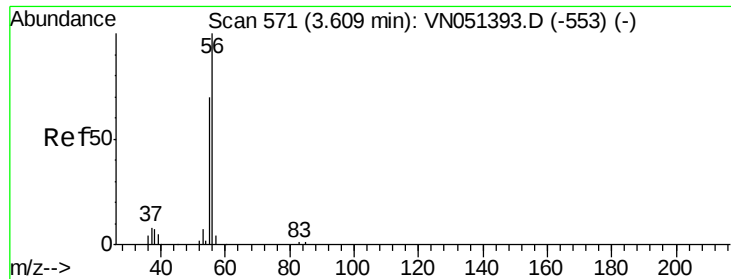
400

200

0

Time-->





#13

Acrolein

Concen: 1.748 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.17 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

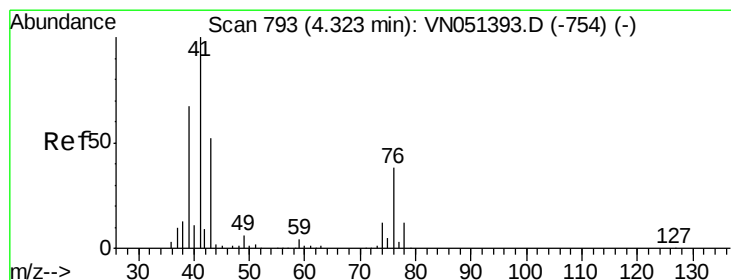
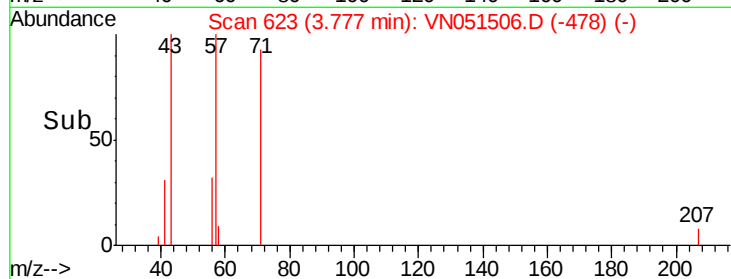
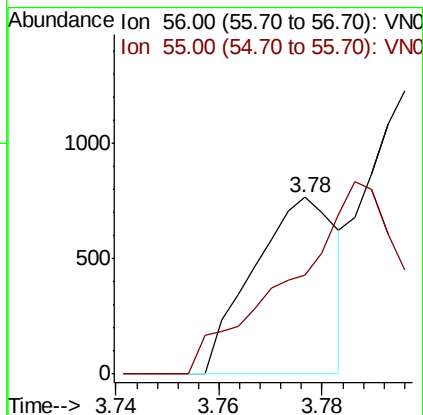
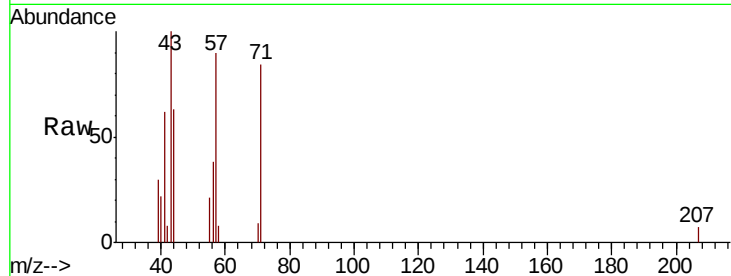
RFK-RMAB-MW13-GW

Tot Ion: 56 Resp: 855

Ion Ratio Lower Upper

56 100

55 145.4 57.8 86.8#



#14

Allyl chloride

Concen: 0.982 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.21 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

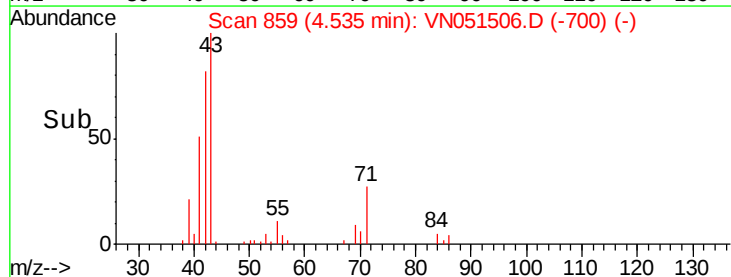
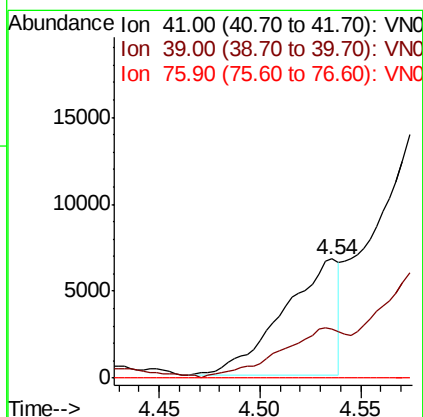
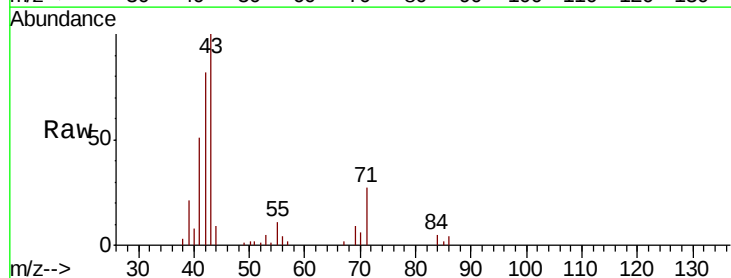
Tgt Ion: 41 Resp: 12781

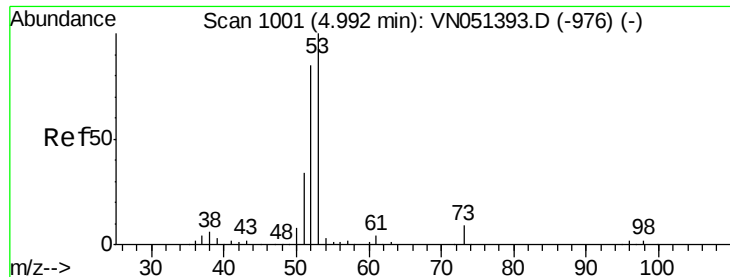
Ion Ratio Lower Upper

41 100

39 53.2 51.4 77.2

76 0.0 28.1 42.1#

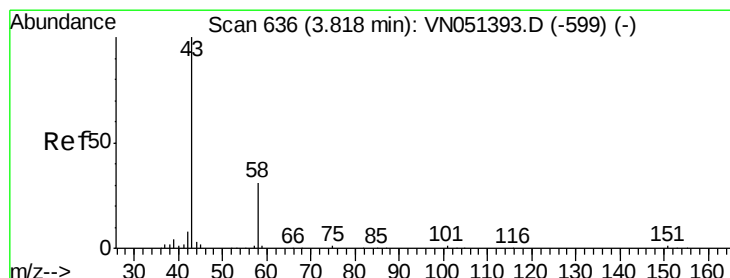
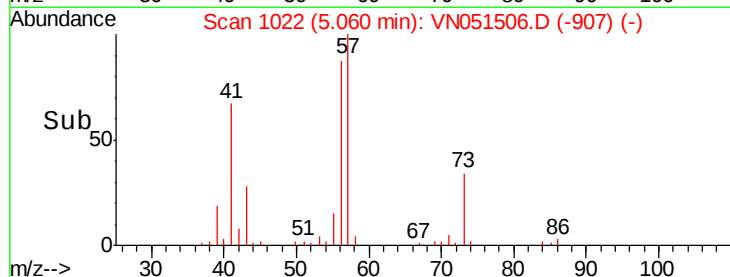
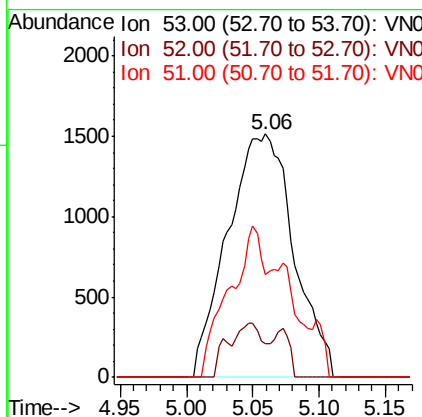
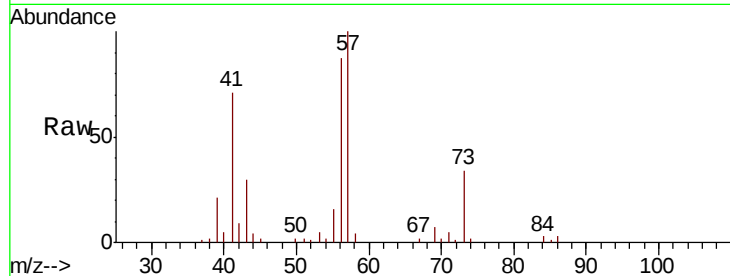




#15
 Acrylonitrile
 Concen: 1.961 ug/l
 RT: 5.06 min Scan# 1022
 Delta R.T. 0.07 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

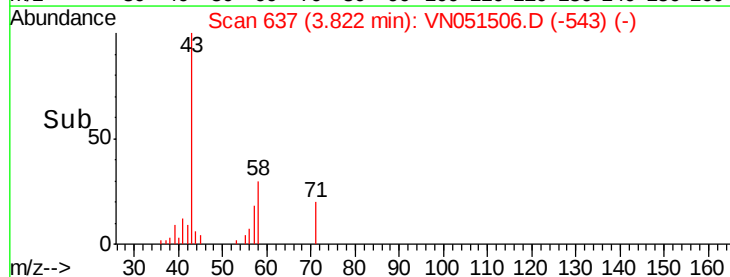
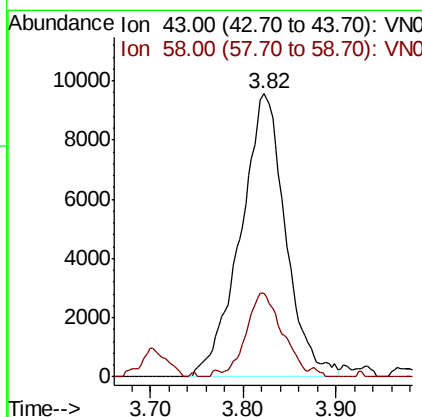
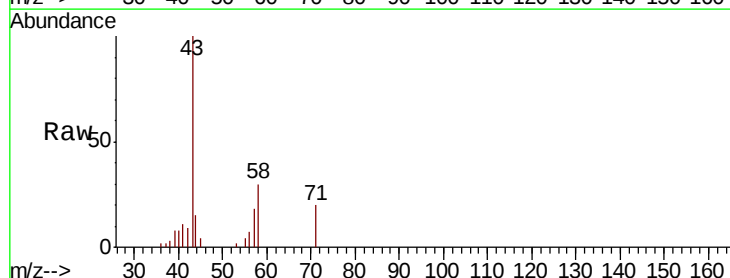
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

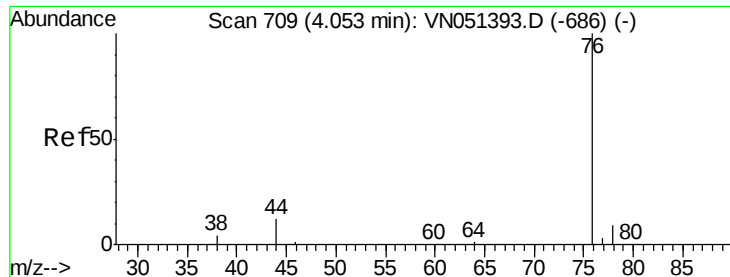
Tot Ion: 53 Resp: 5256
 Ion Ratio Lower Upper
 53 100
 52 8.2 66.2 99.2#
 51 34.7 28.6 42.8



#16
 Acetone
 Concen: Below Cal
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion: 43 Resp: 32297
 Ion Ratio Lower Upper
 43 100
 58 29.7 25.0 37.4

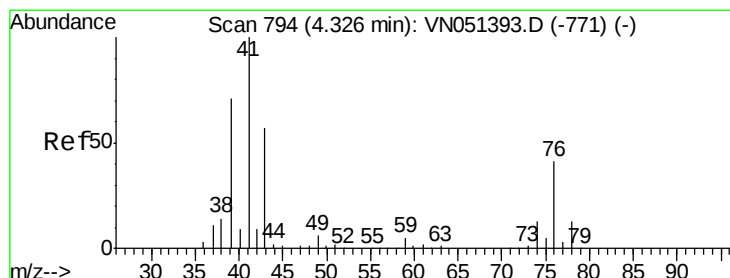
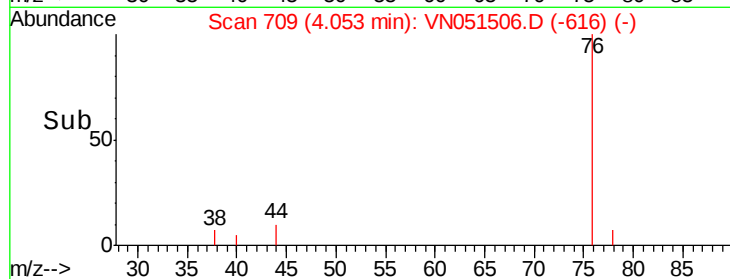
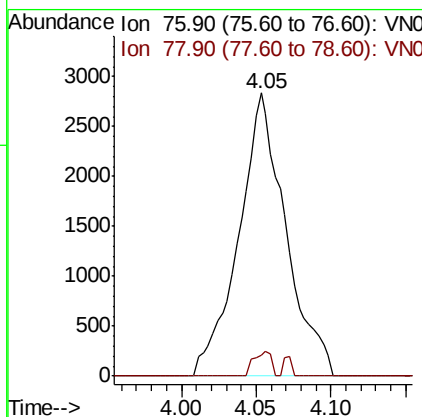
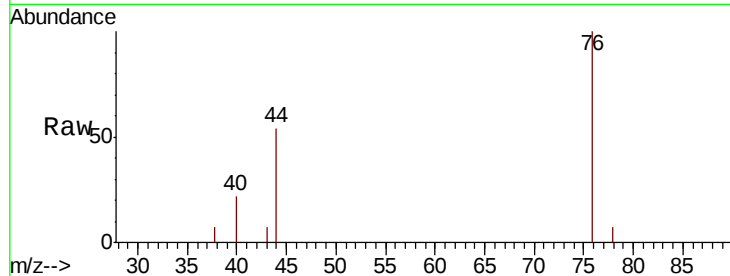




#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

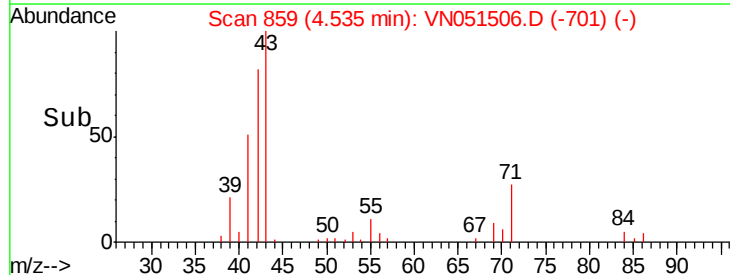
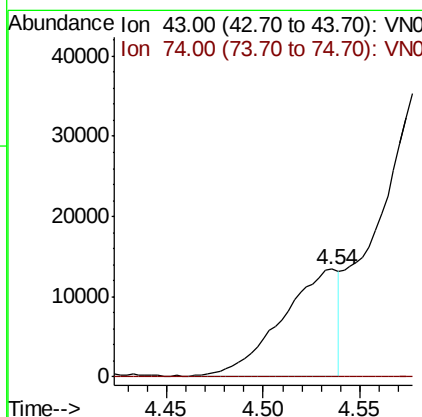
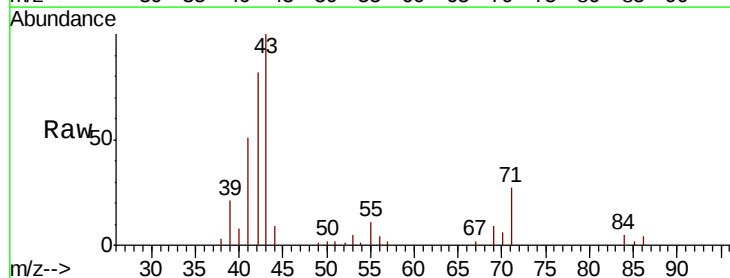
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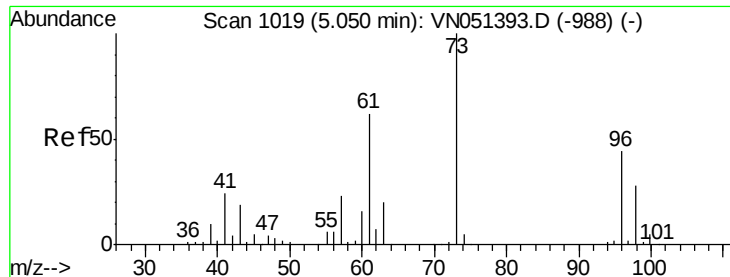
Tot Ion: 76 Resp: 6204
Ion Ratio Lower Upper
76 100
78 7.3 7.3 10.9#



#18
Methyl Acetate
Concen: 4.132 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.21 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion: 43 Resp: 27472
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#

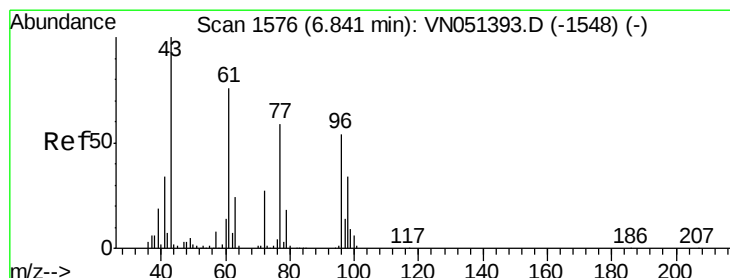
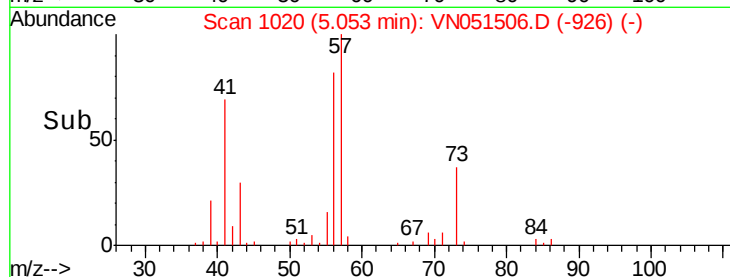
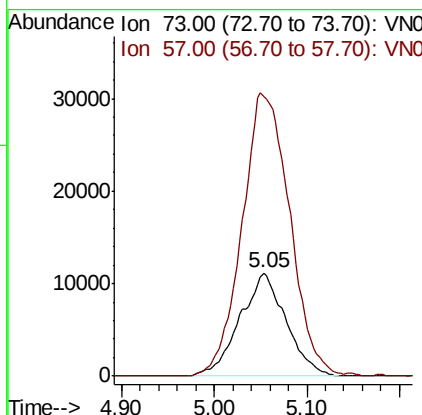
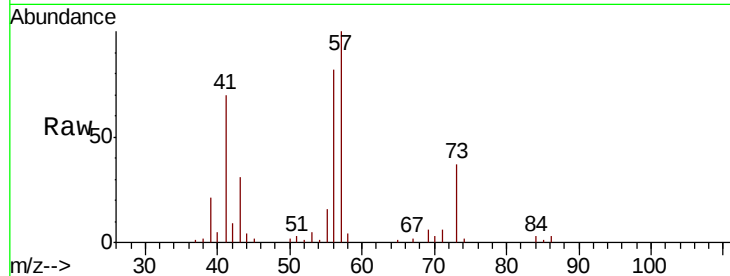




#19
Methvl tert-butvl Ether
Concen: 1.927 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

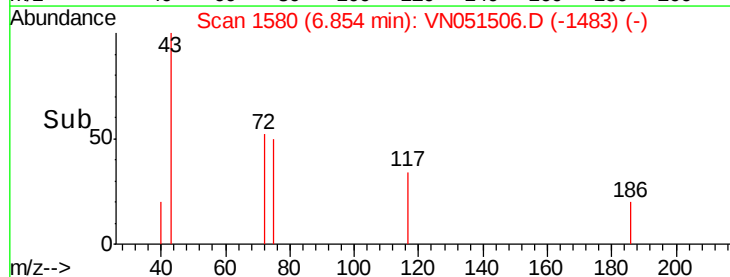
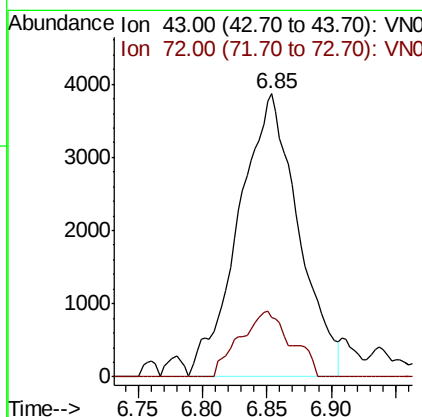
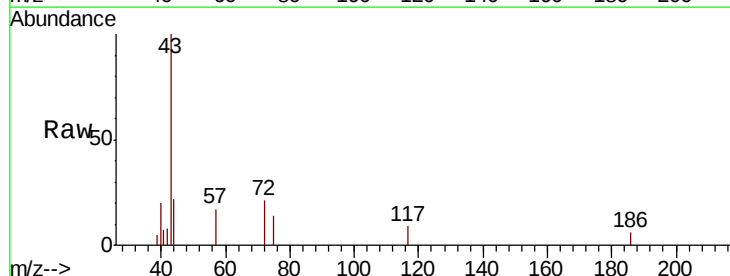
Instrument :
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ClientSampleId :
RfK-RMAB-MW13-GW

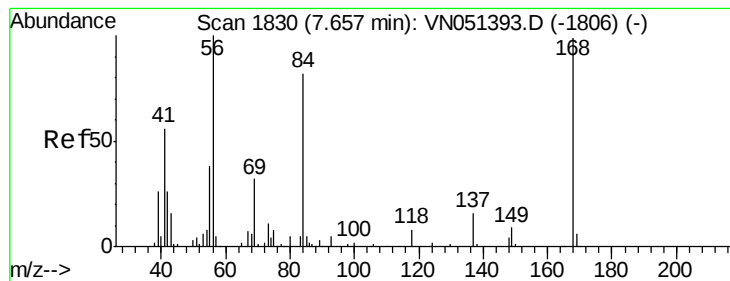
Tot Ion: 73 Resp: 38525
Ion Ratio Lower Upper
73 100
57 270.3 18.3 27.5#



#25
2-Butanone
Concen: 4.183 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion: 43 Resp: 12500
Ion Ratio Lower Upper
43 100
72 21.2 21.8 32.6#





#31

Cyclohexane

Concen: 3.840 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

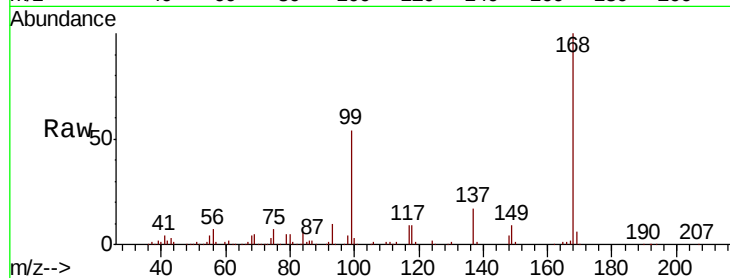
MSVOA_N

ClientSampleId :

RFK-RMAB-MW13-GW

Tot Ion: 56 Resp: 52782

Ion	Ratio	Lower	Upper
56	100		
69	74.2	25.8	38.6#
84	82.3	66.0	99.0

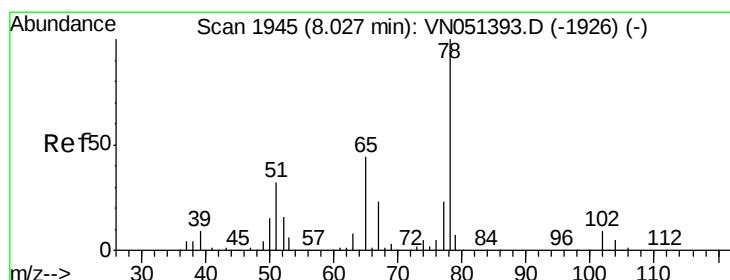
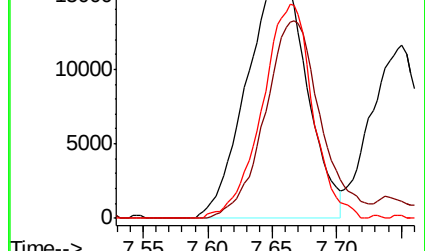
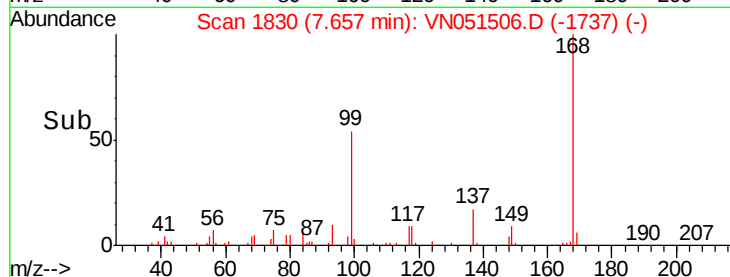


Abundance Ion 56.00 (55.70 to 56.70): VN051506.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN051506.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN051506.D (-1806) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.161 ug/l

RT: 8.03 min Scan# 1946

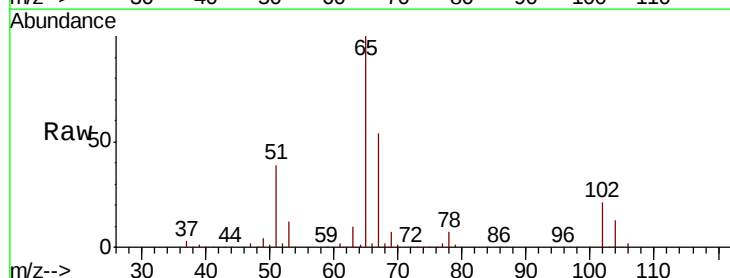
Delta R.T. 0.00 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Tgt Ion: 65 Resp: 446630

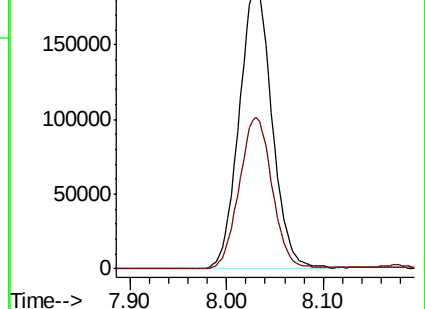
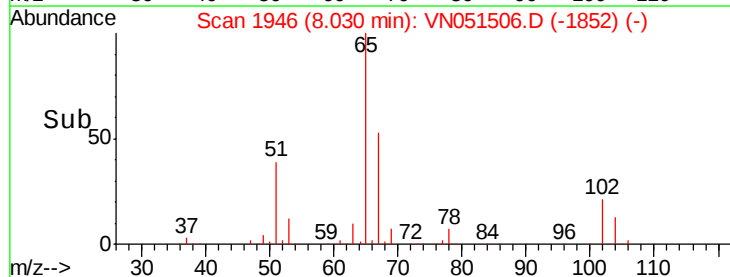
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.8

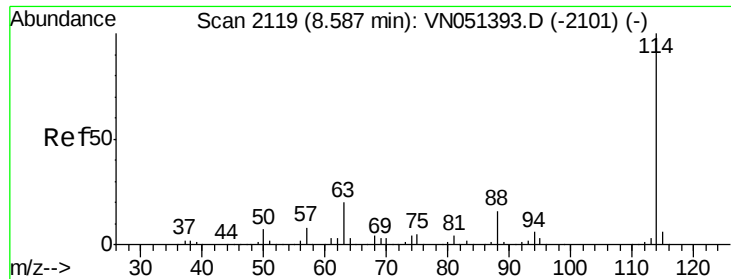


Abundance Ion 64.90 (64.60 to 65.60): VN051506.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN051506.D (-1852) (-)

Time-->

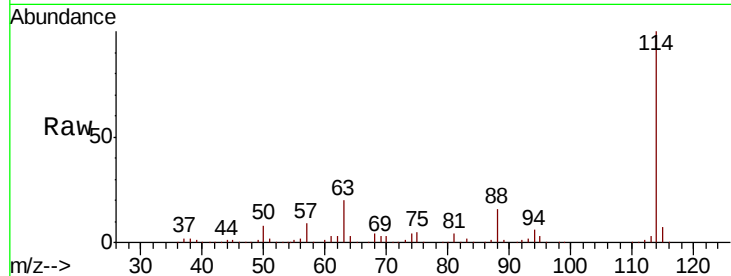




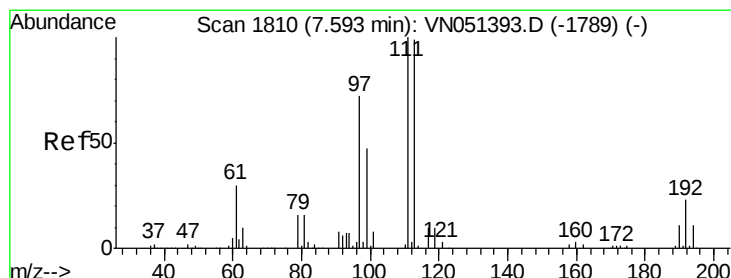
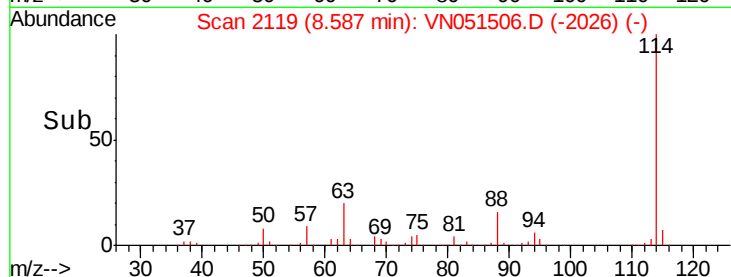
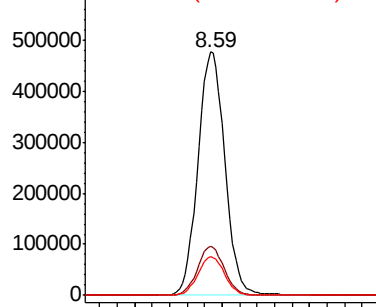
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

Tot Ion:114 Resp: 1019797
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.9 0.0 31.4

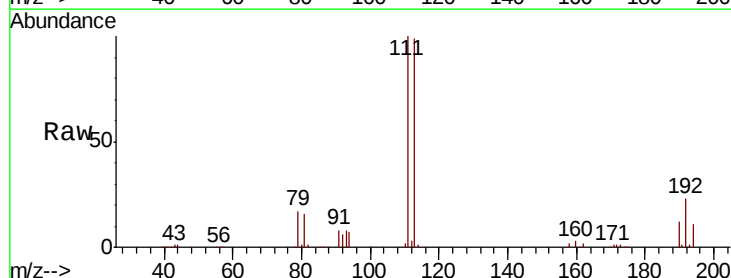


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

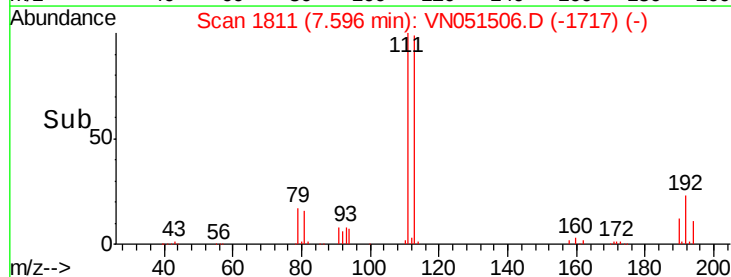
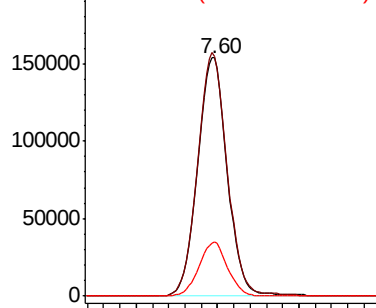


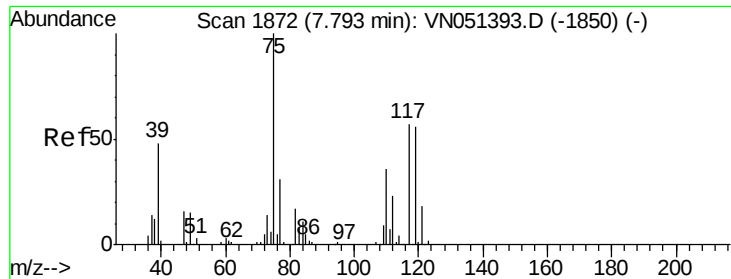
#35
 Dibromofluoromethane
 Concen: 48.014 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion:113 Resp: 391546
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 123.8
 192 21.9 18.0 27.0



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

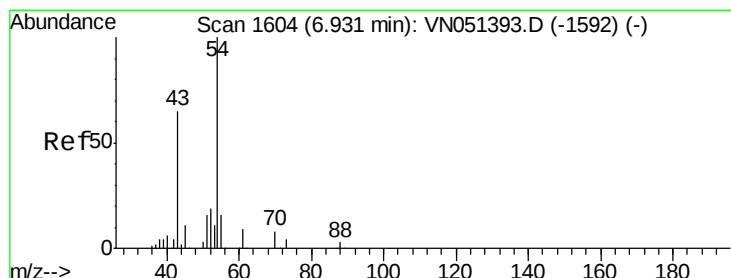
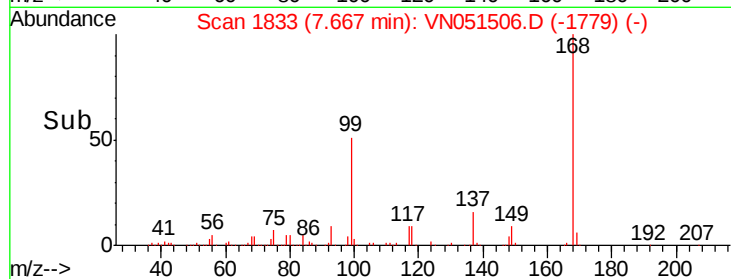
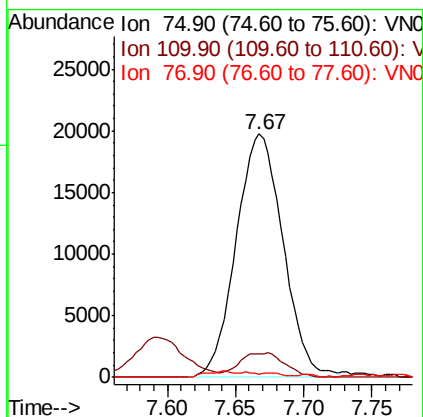
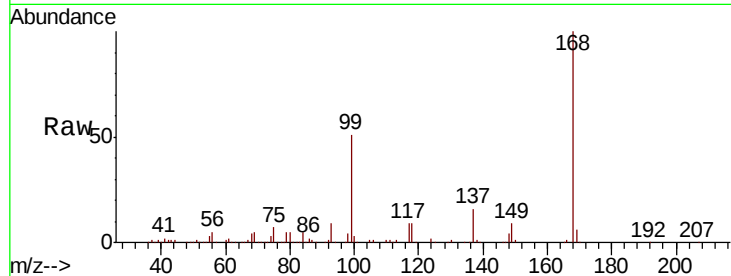




#36
 1,1-Dichloropropene
 Concen: 3.995 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

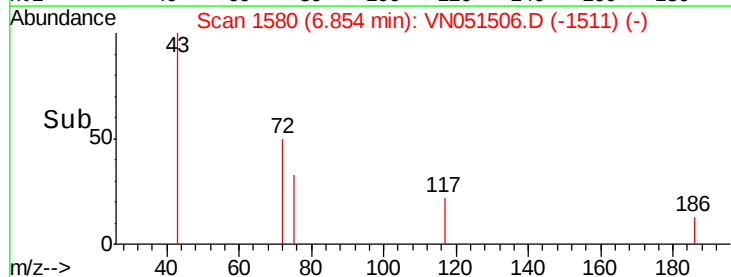
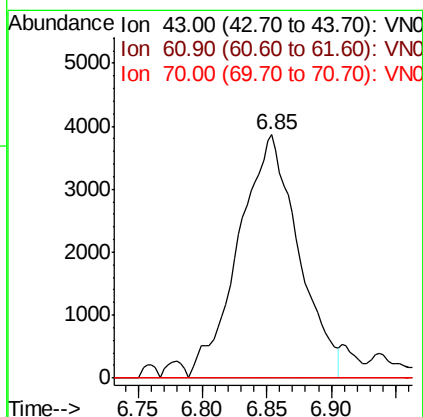
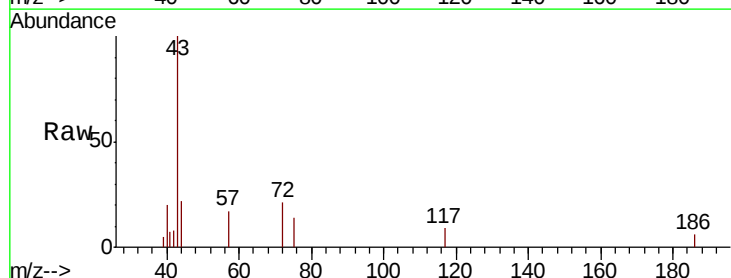
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

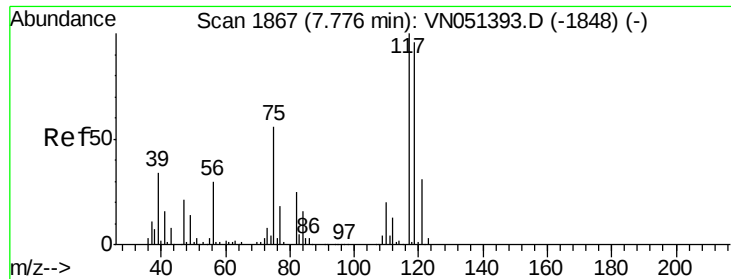
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	0.9	25.6	38.4#



#37
 Ethyl Acetate
 Concen: 1.841 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#

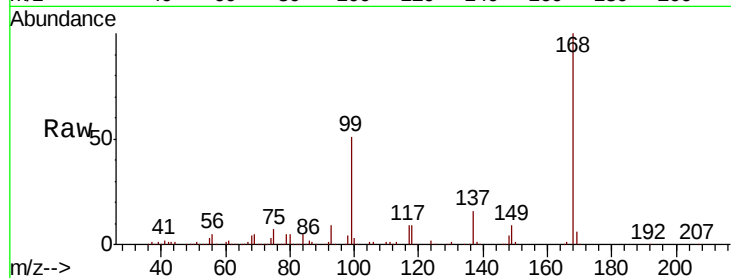




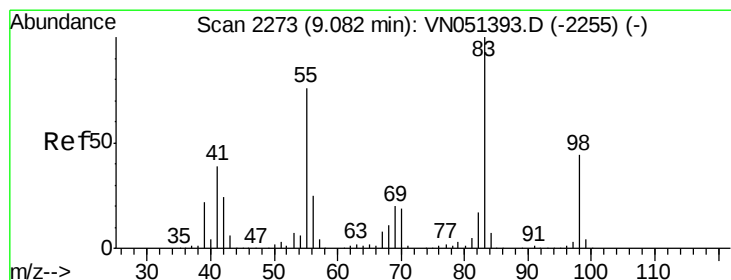
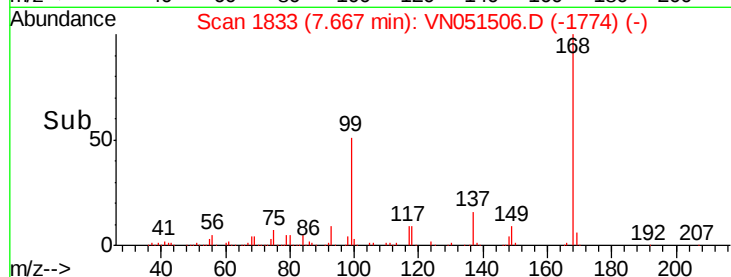
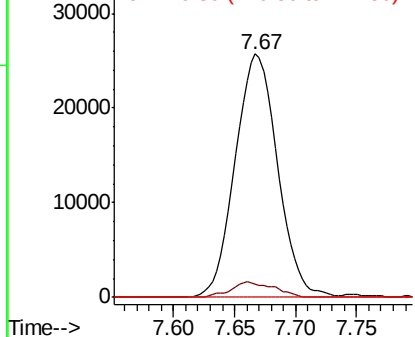
#38
Carbon Tetrachloride
Concen: 5.020 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW13-GW

Tot Ion:117 Resp: 62002
Ion Ratio Lower Upper
117 100
119 5.6 76.9 115.3#
121 0.0 24.6 37.0#

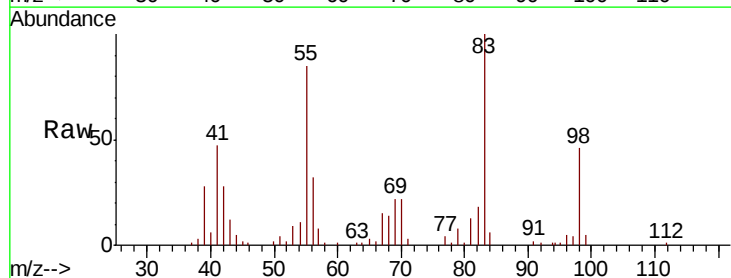


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

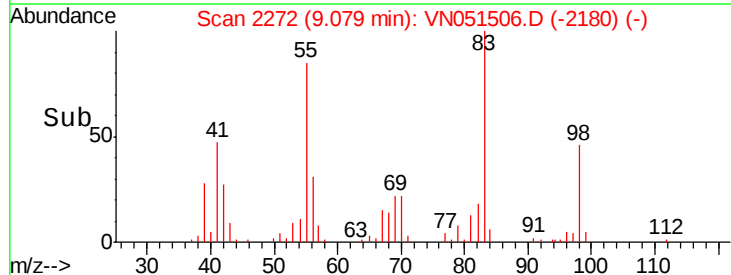
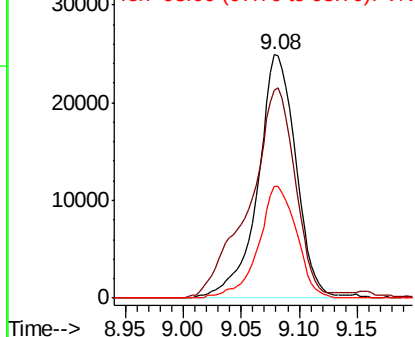


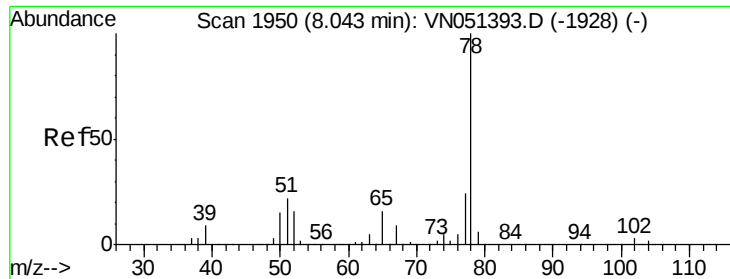
#39
Methylcyclohexane
Concen: 4.103 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion: 83 Resp: 56645
Ion Ratio Lower Upper
83 100
55 84.7 61.0 91.4
98 46.0 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 1.312 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

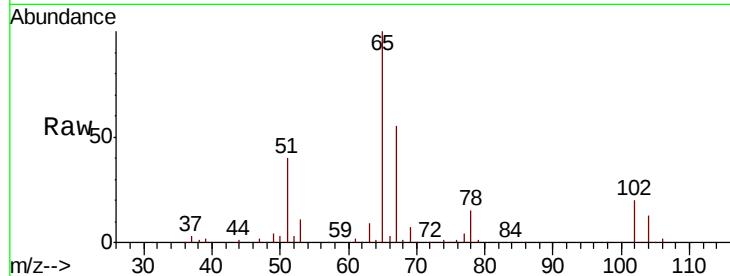
RFK-RMAB-MW13-GW

Tot Ion: 78 Resp: 45504

Ion Ratio Lower Upper

78 100

77 27.2 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.04

20000

15000

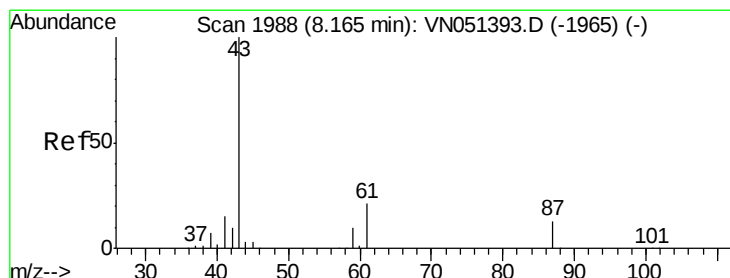
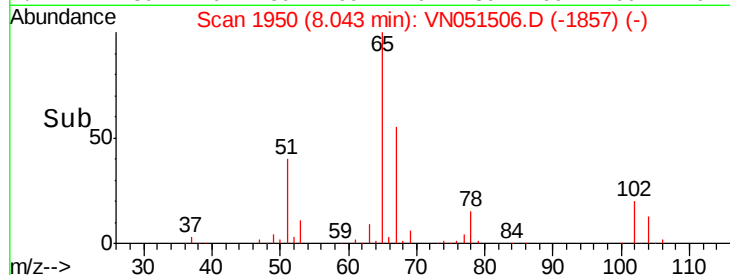
10000

5000

0

Time-->

7.95 8.00 8.05 8.10 8.15



#43

Isopropyl Acetate

Concen: 0.673 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.01 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

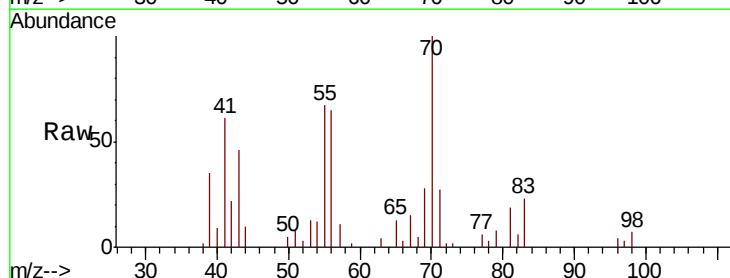
Tgt Ion: 43 Resp: 8267

Ion Ratio Lower Upper

43 100

61 0.0 16.8 25.2#

87 0.0 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

10000

8000

6000

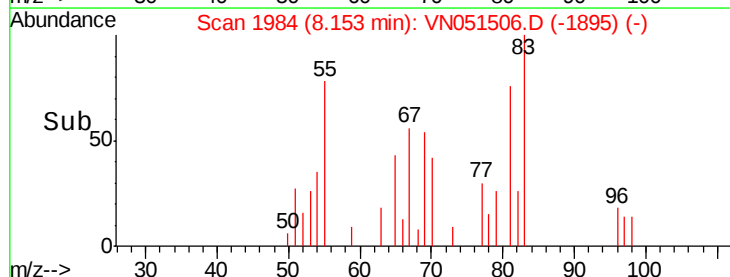
4000

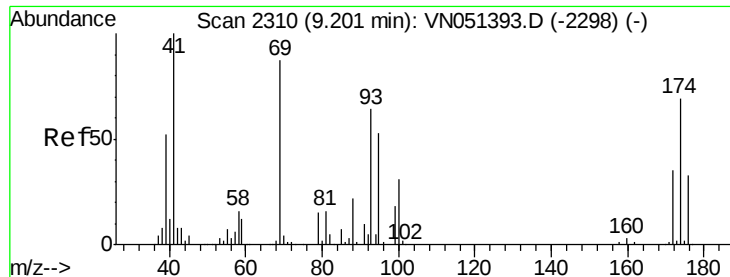
2000

0

Time-->

8.10 8.15 8.20

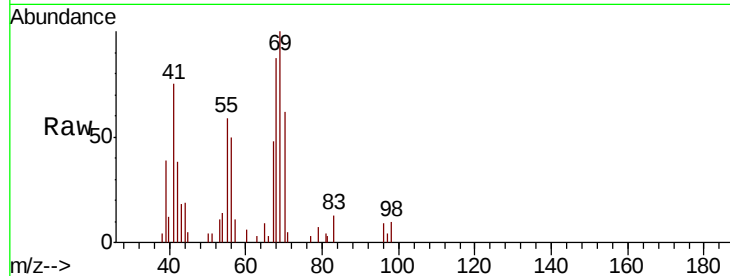




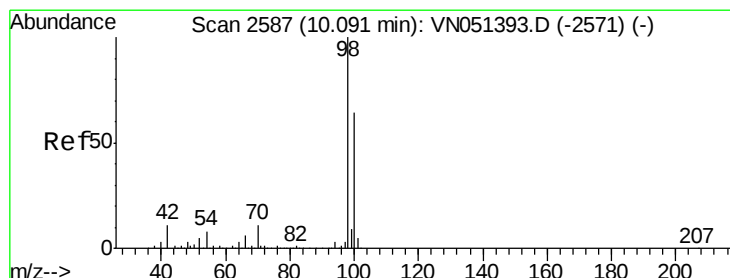
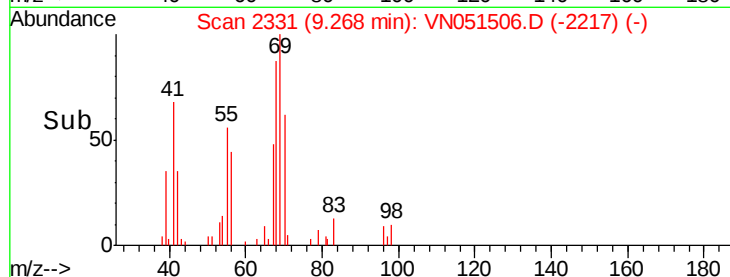
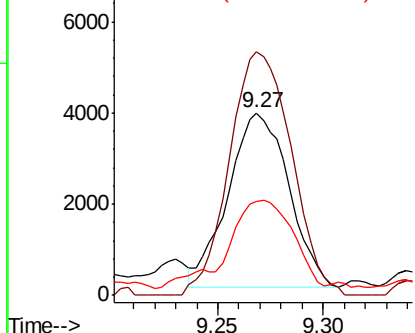
#48
Methvl methacrylate
Concen: 1.248 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW13-GW

Tot Ion: 41 Resp: 7639
Ion Ratio Lower Upper
41 100
69 143.1 70.4 105.6#
39 54.0 43.8 65.8

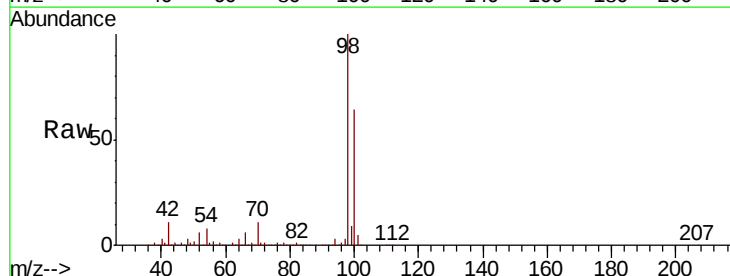


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

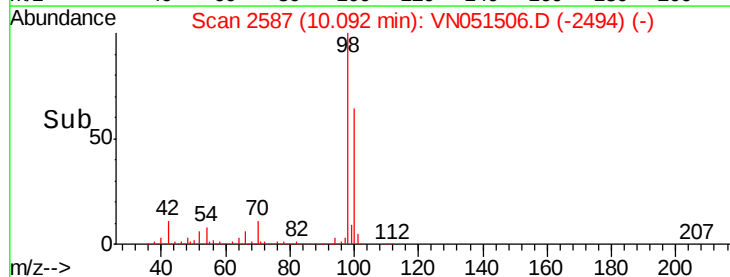
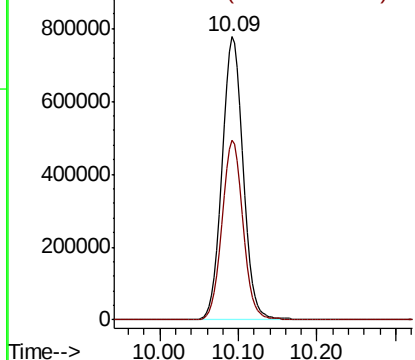


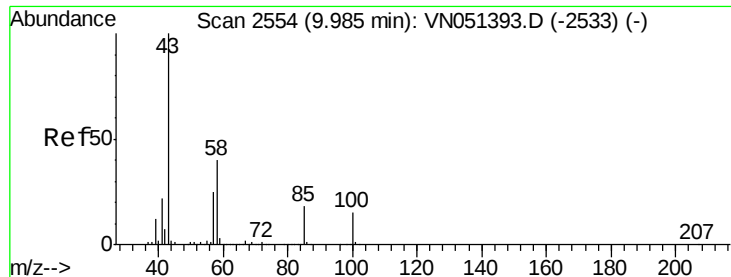
#50
Toluene-d8
Concen: 46.805 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion: 98 Resp: 1437288
Ion Ratio Lower Upper
98 100
100 63.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

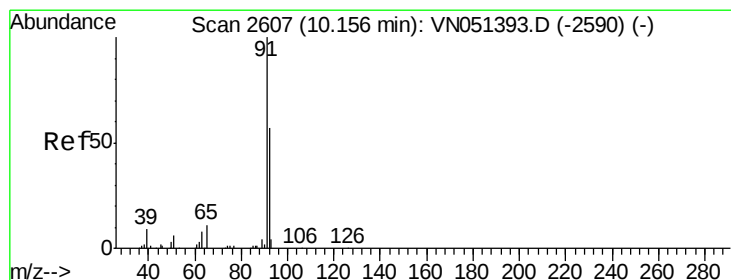
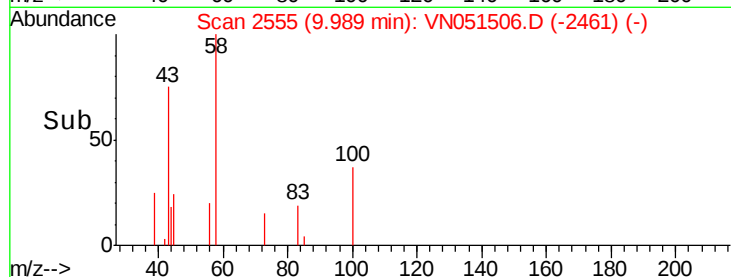
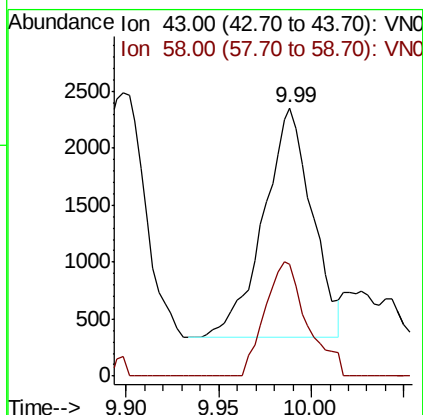
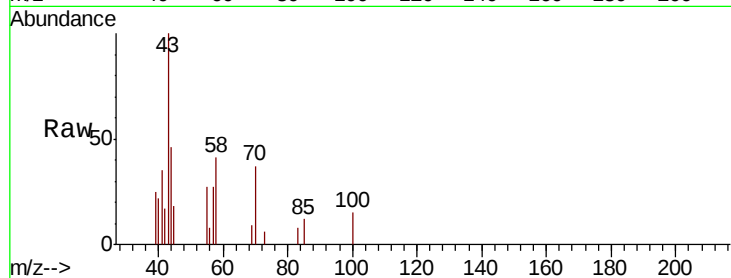




#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

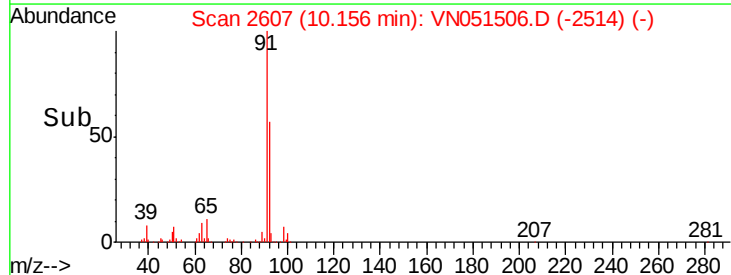
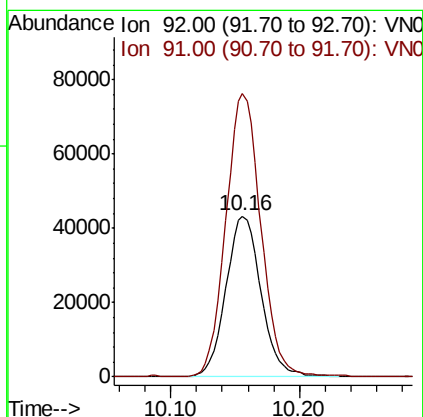
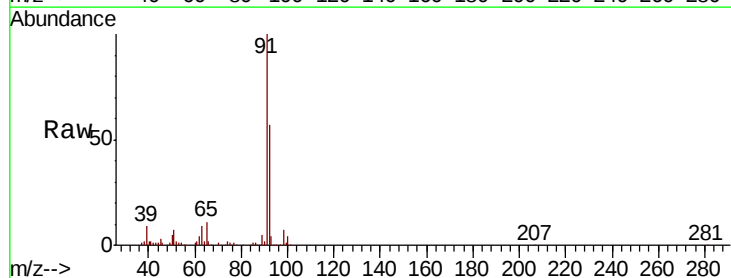
Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW13-GW

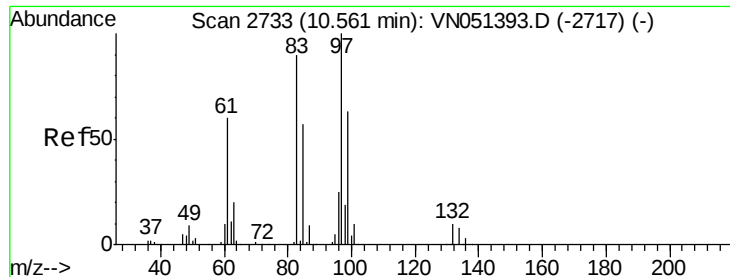
Tot Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
58 43.6 31.5 47.3



#52
Toluene
Concen: 3.796 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion: 92 Resp: 81798
Ion Ratio Lower Upper
92 100
91 175.7 142.2 213.4

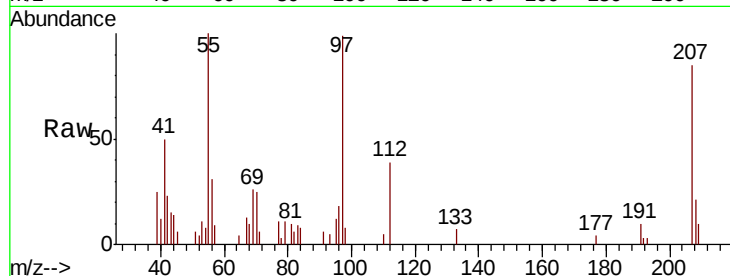




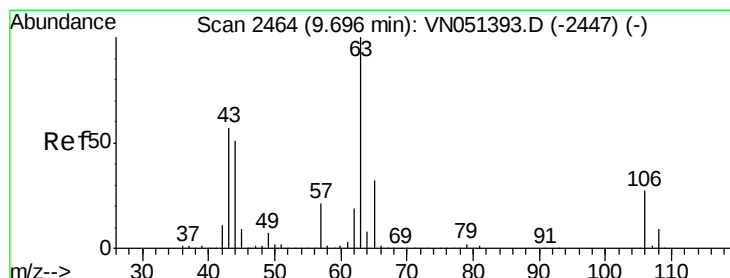
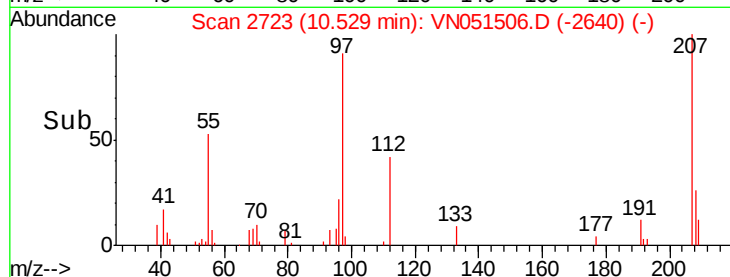
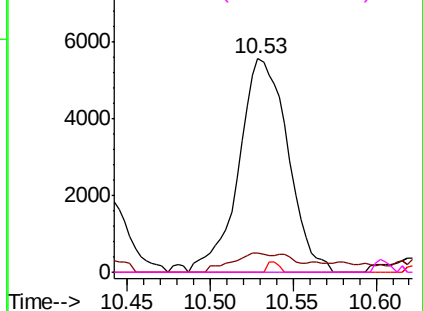
#55
 1,1,2-Trichloroethane
 Concen: 1.496 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

Tot Ion: 97 Resp: 11395
 Ion Ratio Lower Upper
 97 100
 83 9.0 72.0 108.0#
 85 0.0 45.2 67.8#
 99 0.0 50.7 76.1#

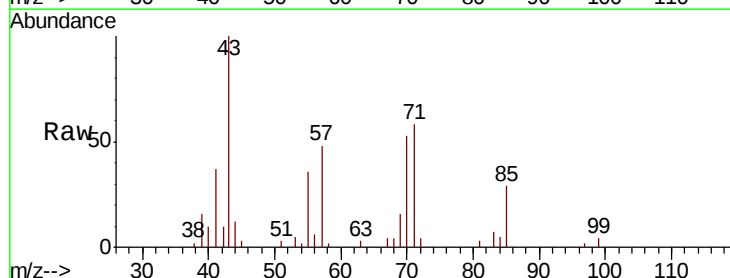


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

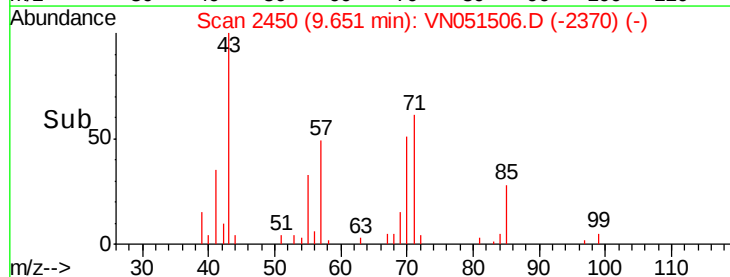
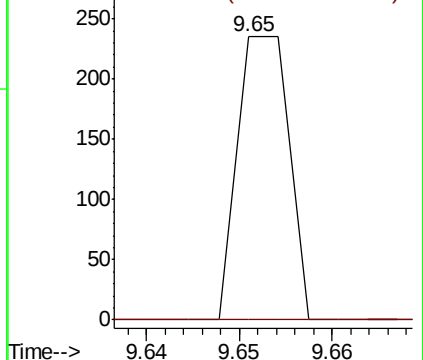


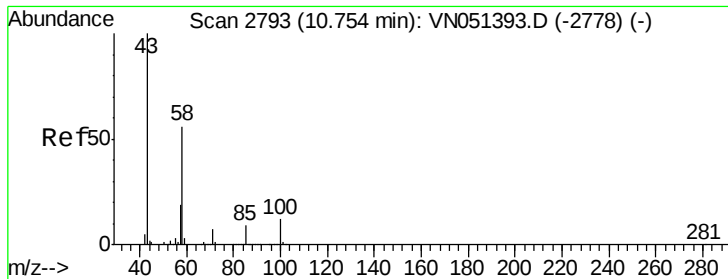
#58
 2-Chloroethyl Vinyl ether
 Concen: 20.386 ug/l
 RT: 9.65 min Scan# 2450
 Delta R.T. -0.04 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion: 63 Resp: 91
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.4 32.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

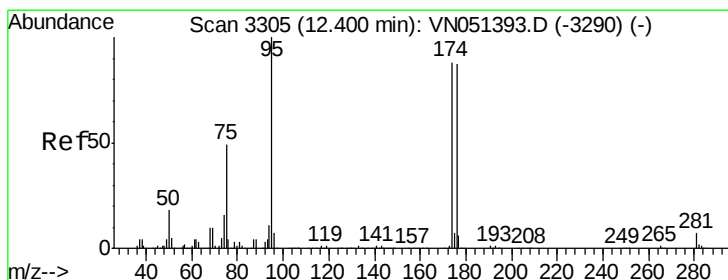
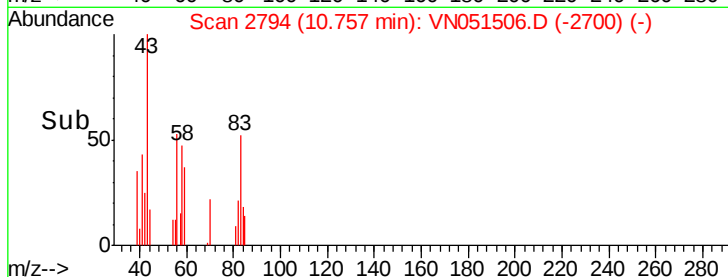
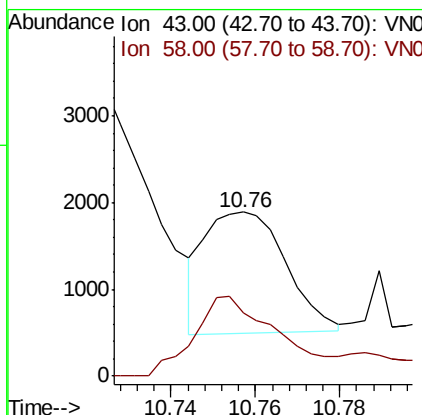
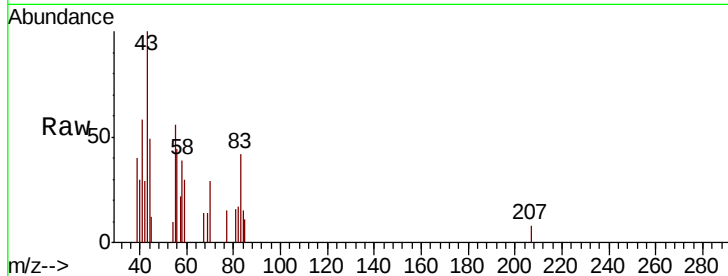




#59
2-Hexanone
Concen: 0.426 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

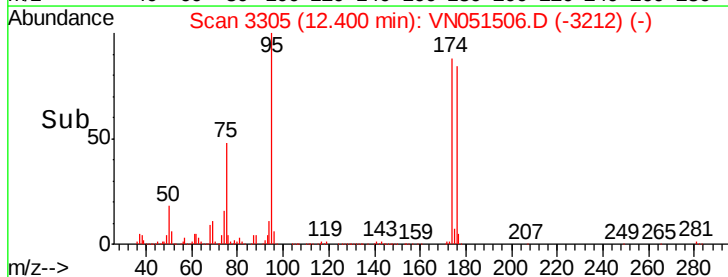
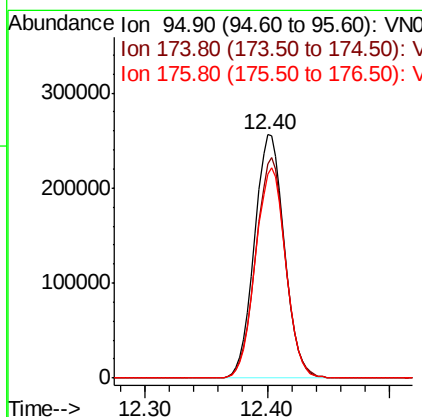
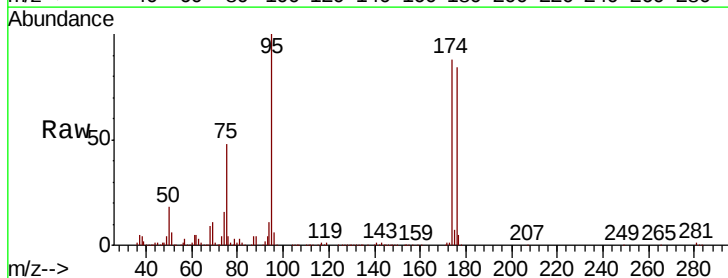
Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW13-GW

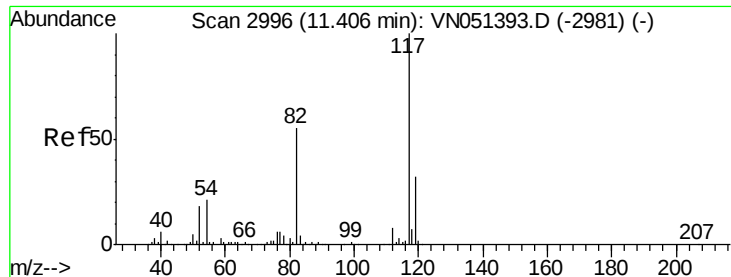
Tot Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 69.4 27.7 83.0



#62
4-Bromofluorobenzene
Concen: 43.597 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion: 95 Resp: 433094
Ion Ratio Lower Upper
95 100
174 89.9 0.0 181.6
176 87.3 0.0 176.4

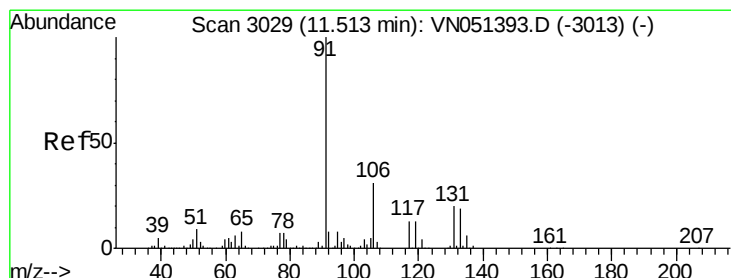
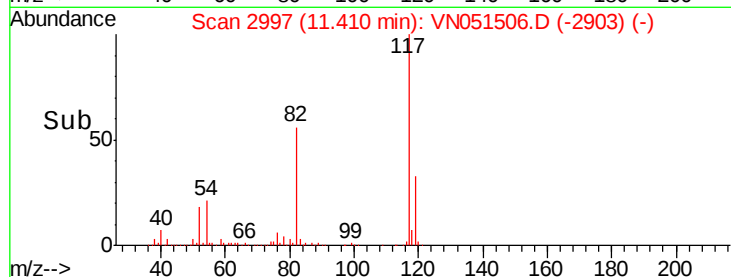
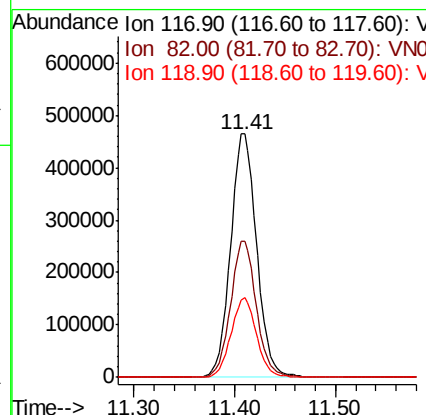
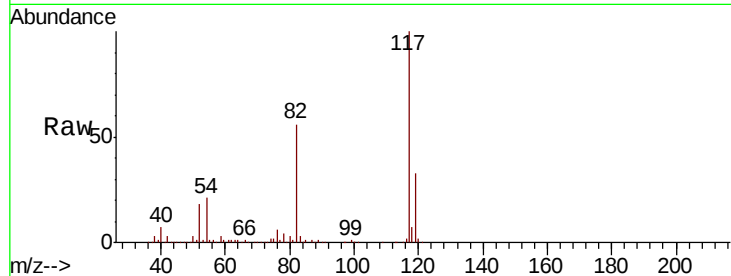




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

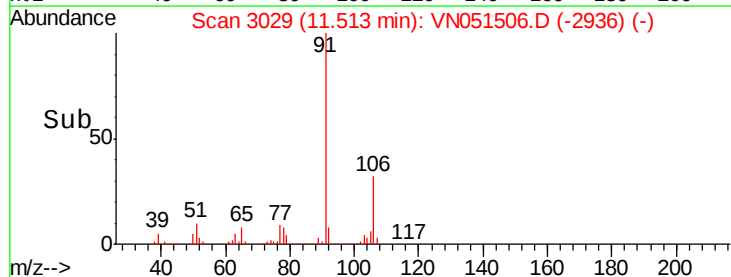
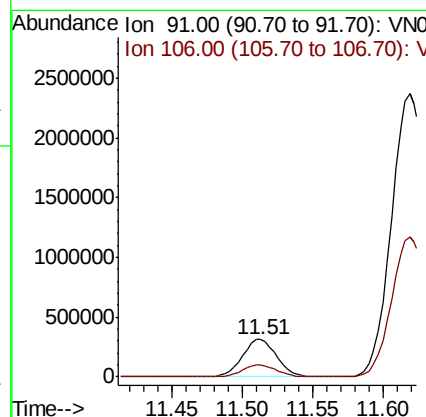
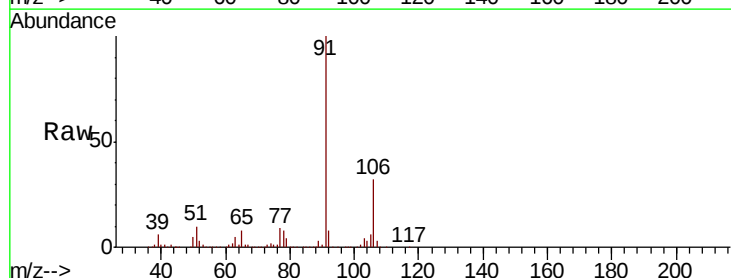
Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW13-GW

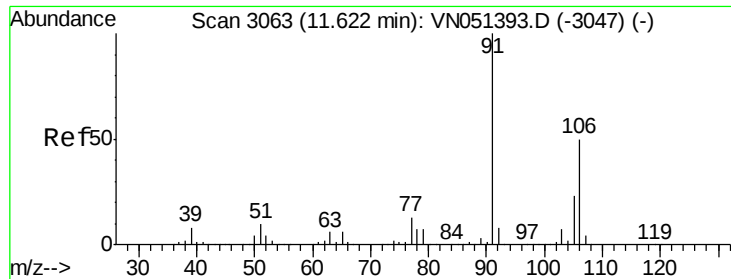
Tot Ion:117 Resp: 836459
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.6 25.9 38.9



#67
Ethyl Benzene
Concen: 14.901 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion: 91 Resp: 538921
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

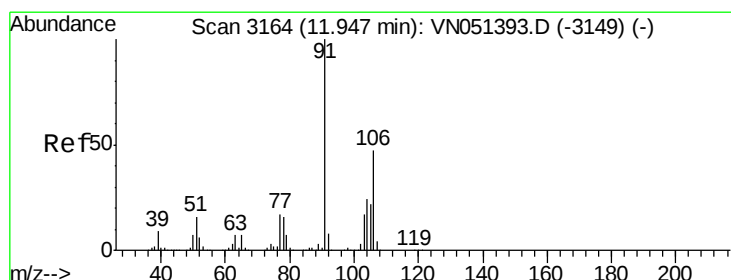
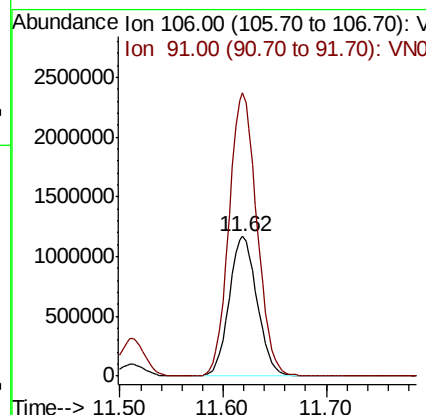
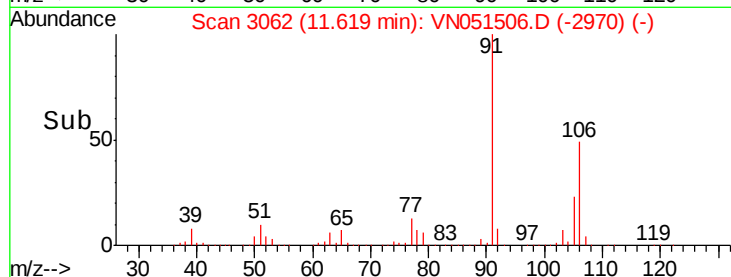
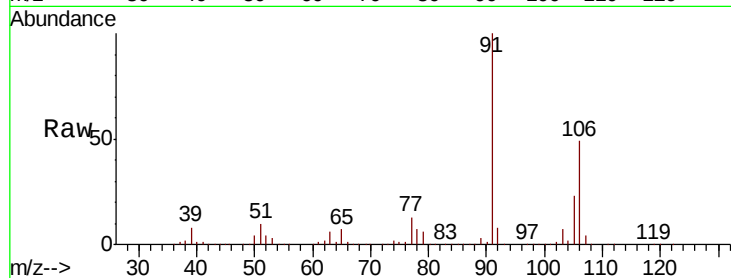




#68
m/p-Xylenes
Concen: 157.392 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

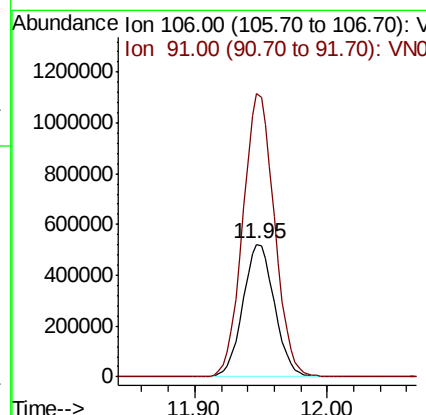
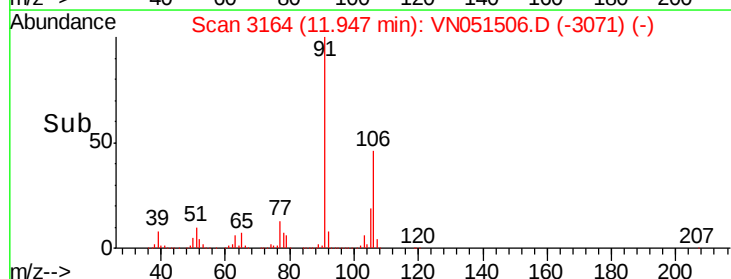
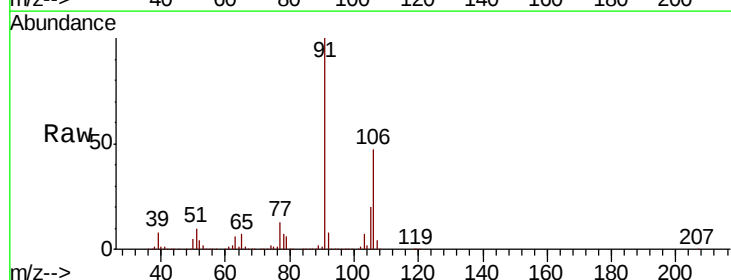
Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW13-GW

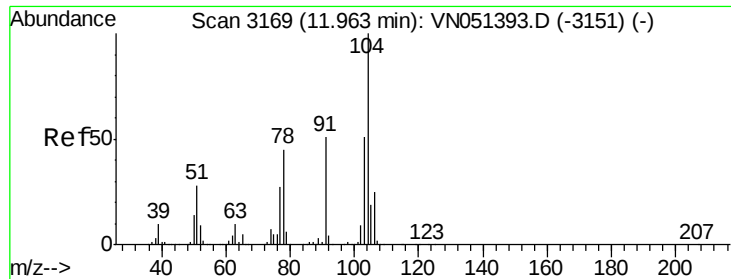
Tot Ion:106 Resp: 2201878
Ion Ratio Lower Upper
106 100
91 202.4 161.3 241.9



#69
o-Xylene
Concen: 63.969 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051506.D
Acq: 26 Sep 2018 00:54

Tgt Ion:106 Resp: 860322
Ion Ratio Lower Upper
106 100
91 214.7 105.3 315.9





#70

Stvrene

Concen: 2.341 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW13-GW

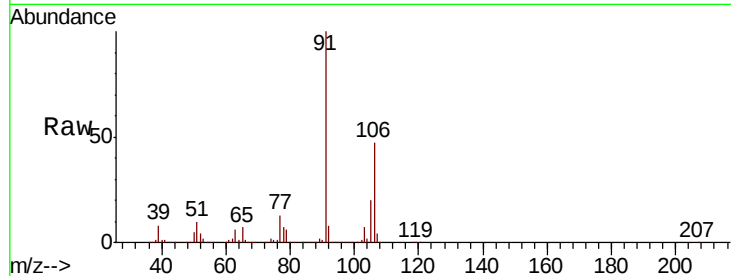
Tot Ion:104 Resp: 49888

Ion Ratio Lower Upper

104 100

78 254.7 39.9 59.9#

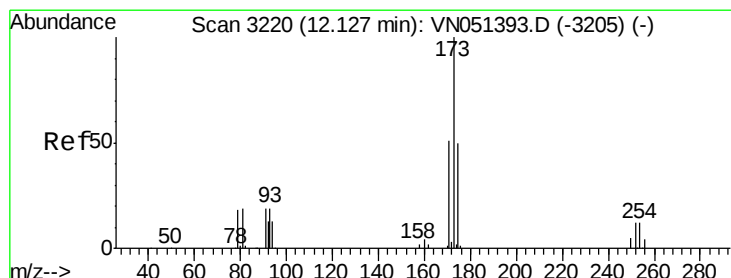
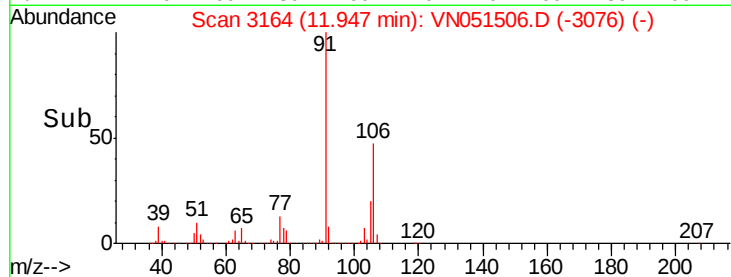
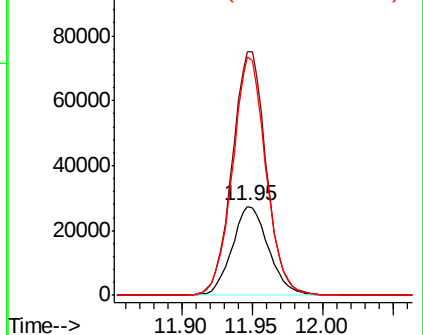
103 244.9 44.6 66.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.811 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

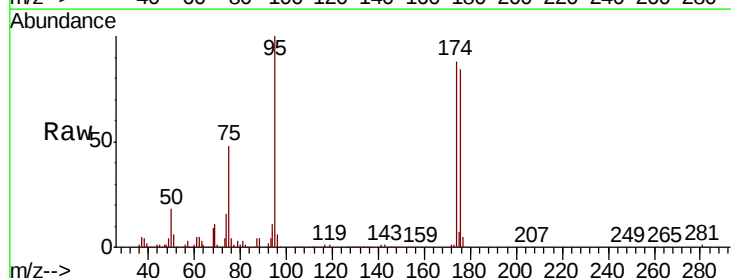
Tgt Ion:173 Resp: 4499

Ion Ratio Lower Upper

173 100

175 571.1 24.8 74.3#

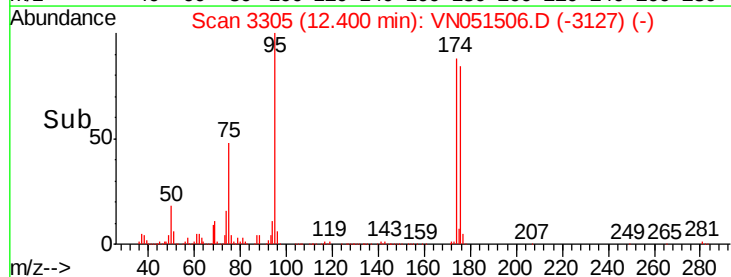
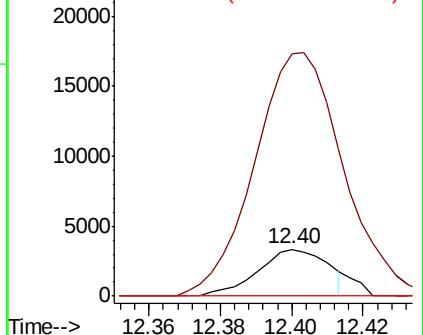
254 0.0 0.2 0.2#

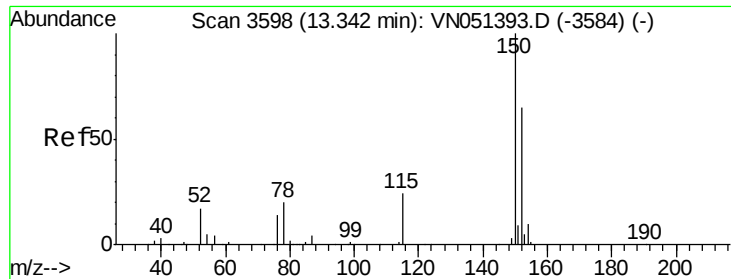


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW13-GW

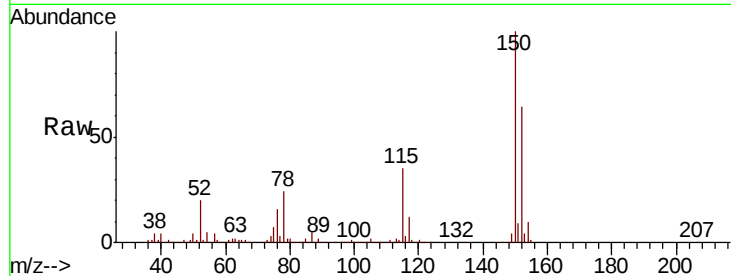
Tot Ion:152 Resp: 384496

Ion Ratio Lower Upper

152 100

115 66.6 28.3 84.9

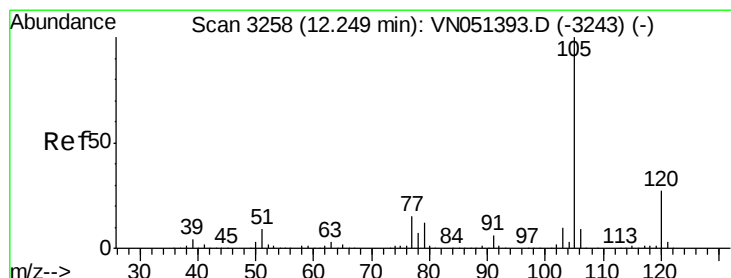
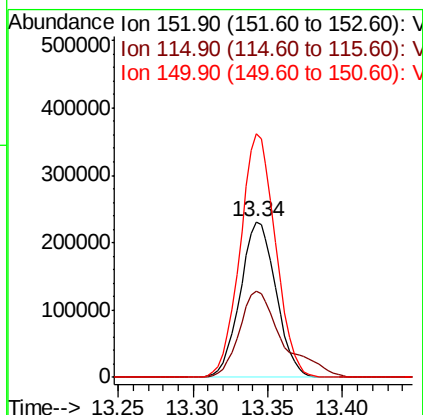
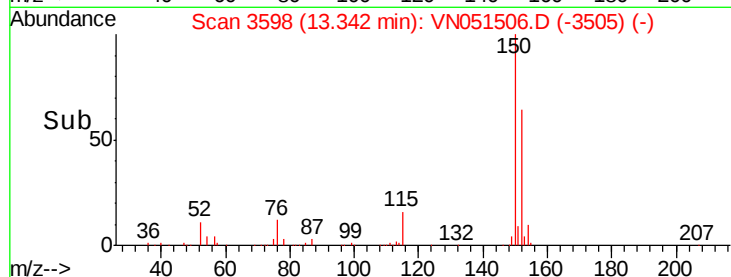
150 154.4 0.0 353.6



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: 3.270 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051506.D

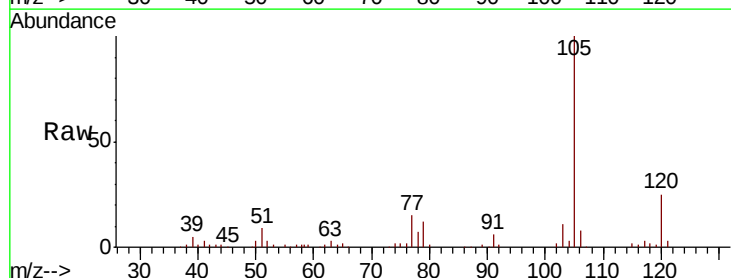
Acq: 26 Sep 2018 00:54

Tgt Ion:105 Resp: 106072

Ion Ratio Lower Upper

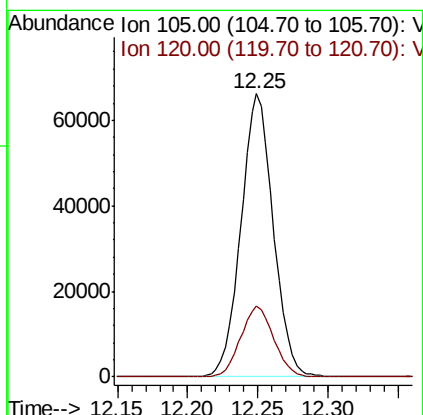
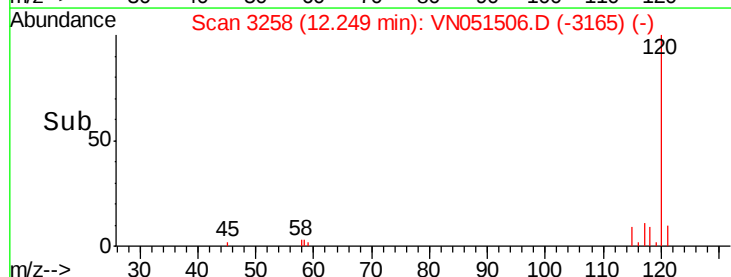
105 100

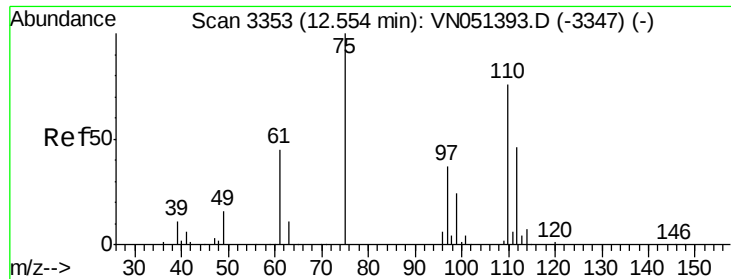
120 25.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

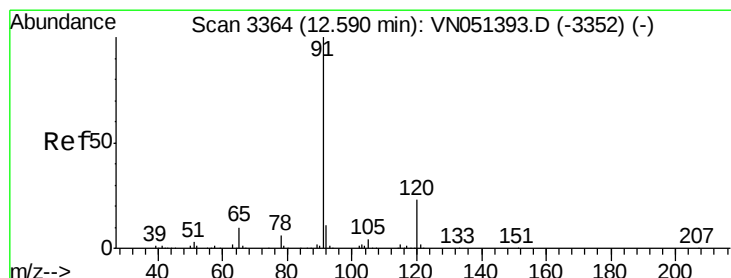
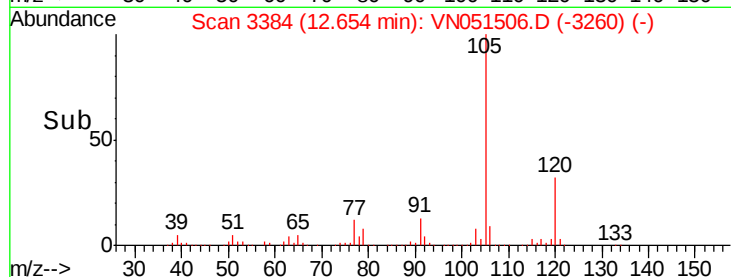
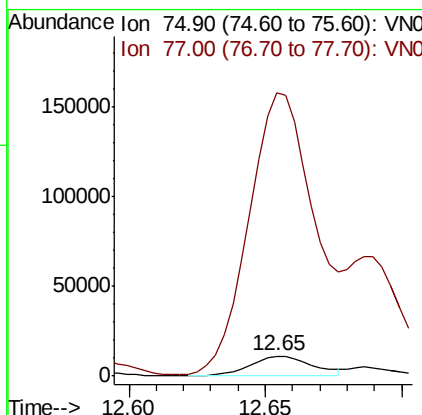
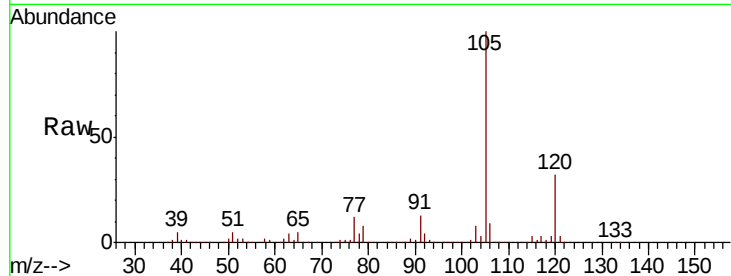




#76
 1,2,3-Trichloropropane
 Concen: 2.804 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. 0.10 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

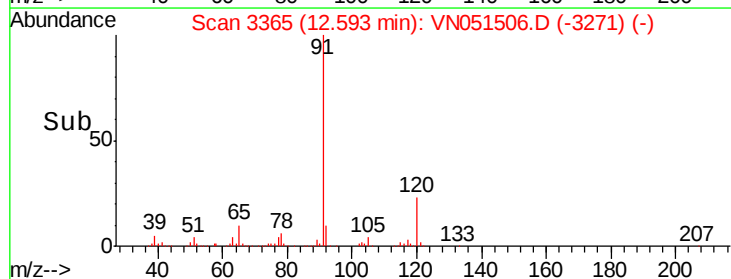
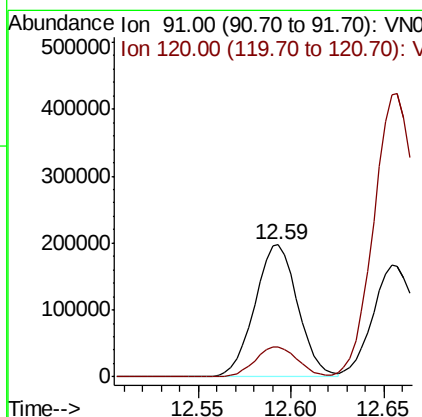
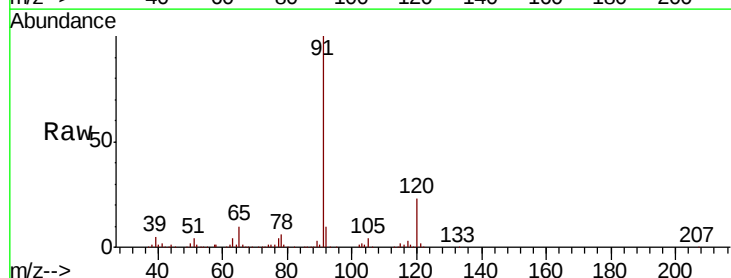
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

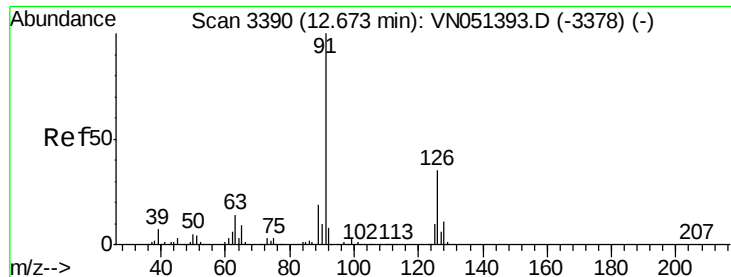
Tot Ion: 75 Resp: 17895
 Ion Ratio Lower Upper
 75 100
 77 1457.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 8.660 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion: 91 Resp: 316630
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 11.890 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

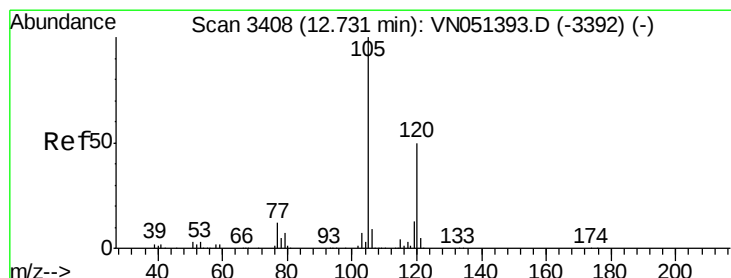
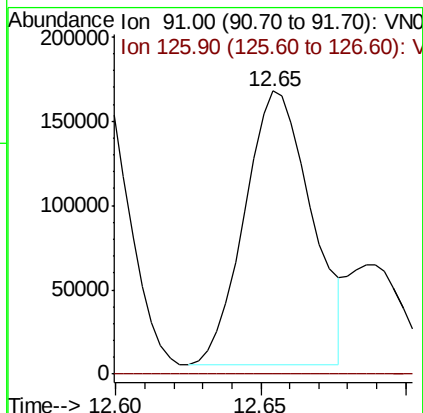
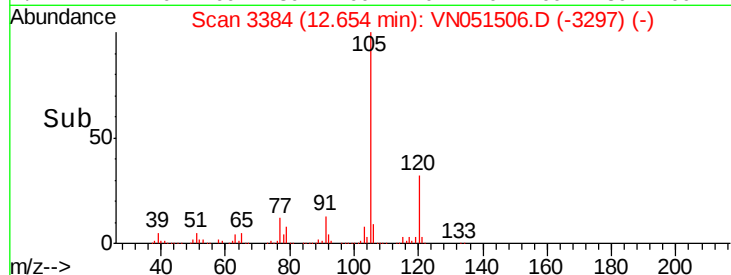
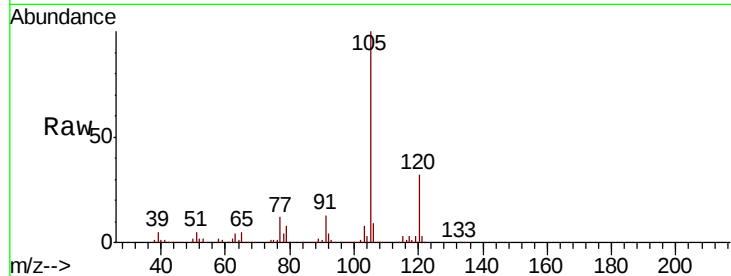
RFK-RMAB-MW13-GW

Tot Ion: 91 Resp: 260217

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: 30.322 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051506.D

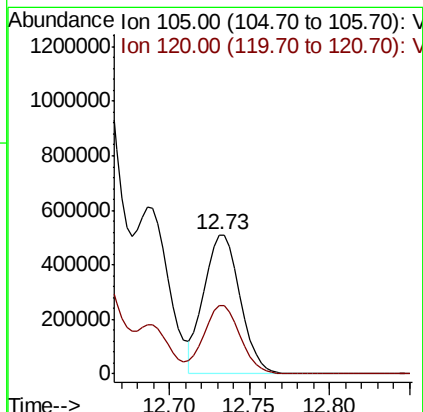
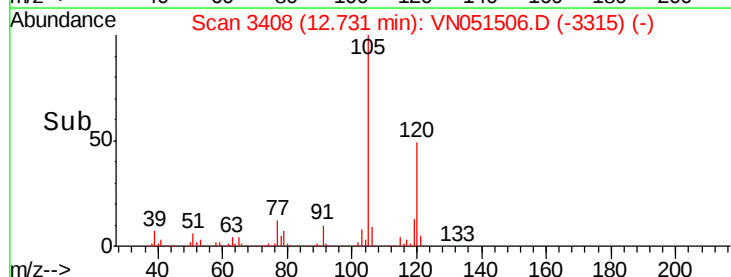
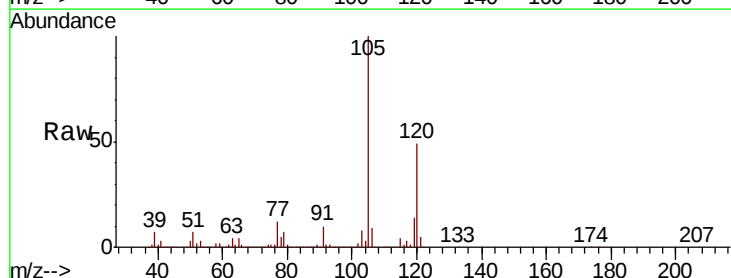
Acq: 26 Sep 2018 00:54

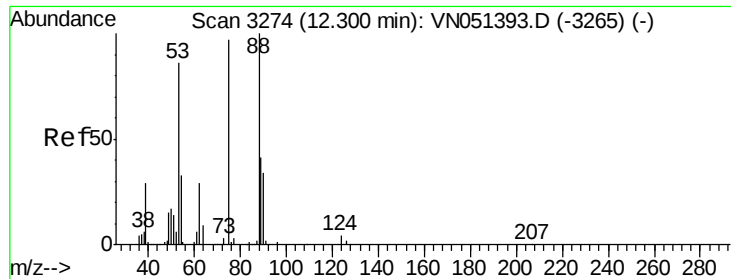
Tgt Ion: 105 Resp: 802114

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 102.410 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW13-GW

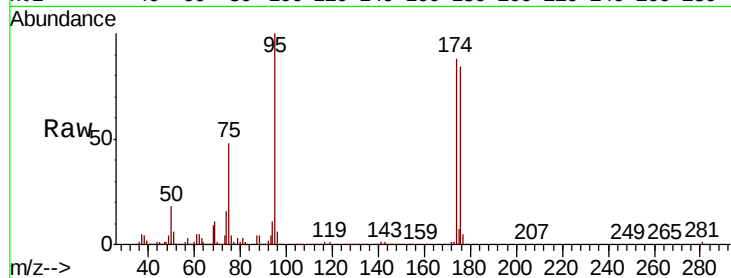
Tot Ion: 75 Resp: 212581

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

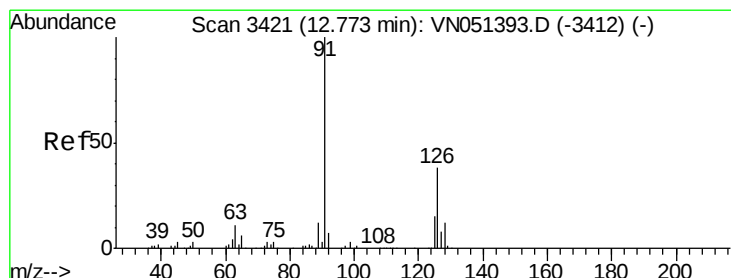
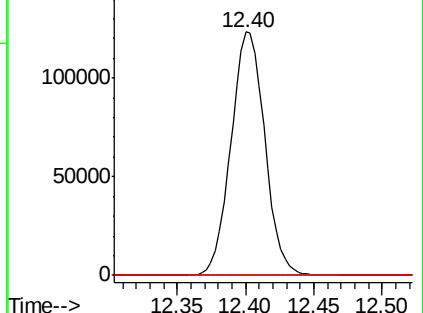
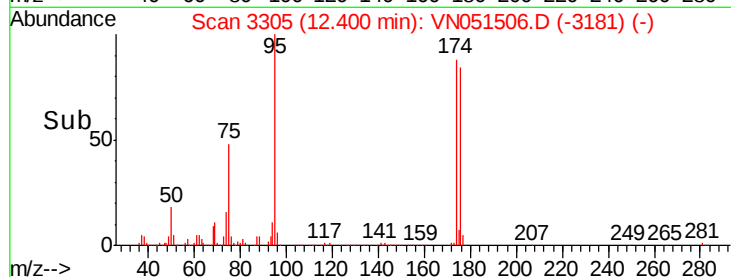
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 3.782 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN051506.D

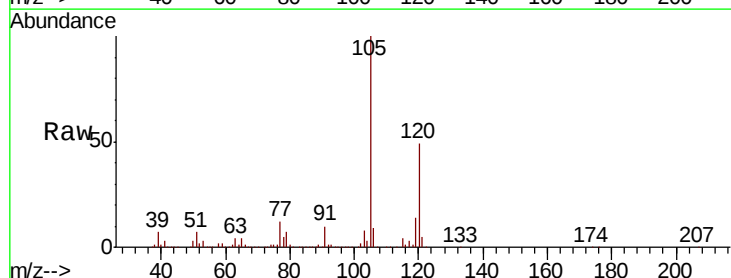
Acq: 26 Sep 2018 00:54

Tgt Ion: 91 Resp: 82611

Ion Ratio Lower Upper

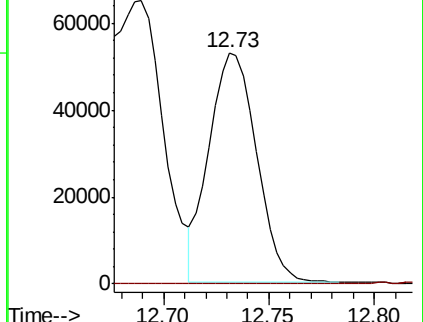
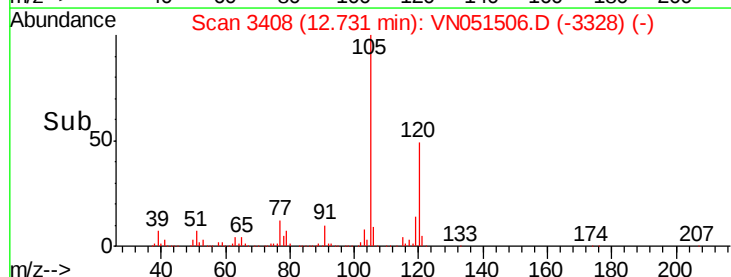
91 100

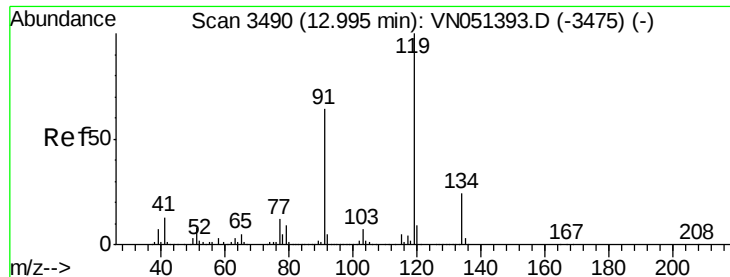
126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

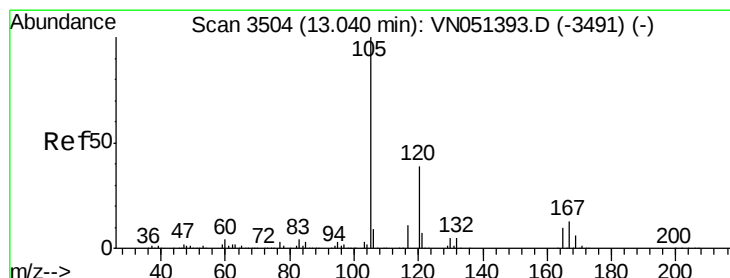
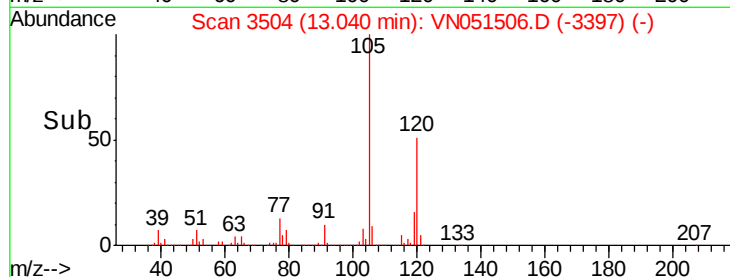
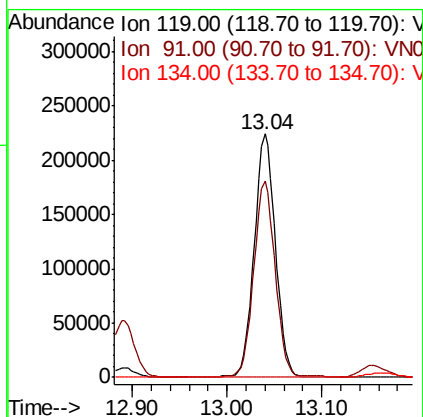
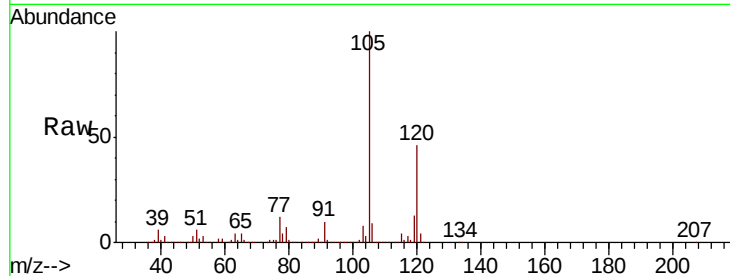




#83
 tert-Butylbenzene
 Concen: 14.843 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

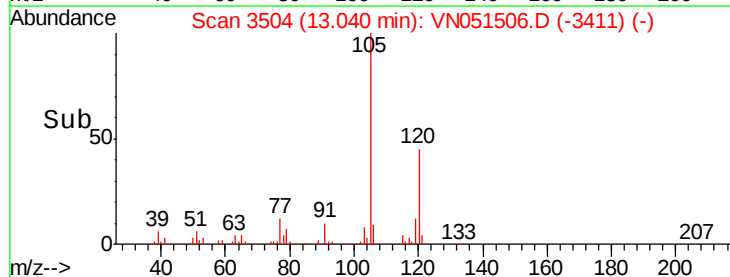
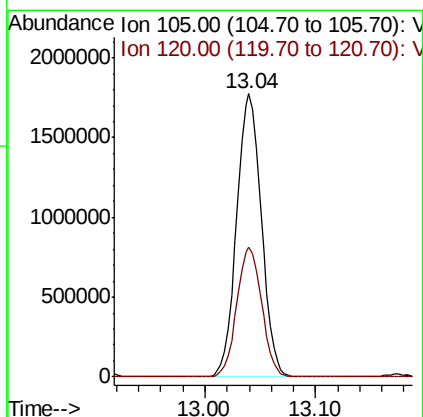
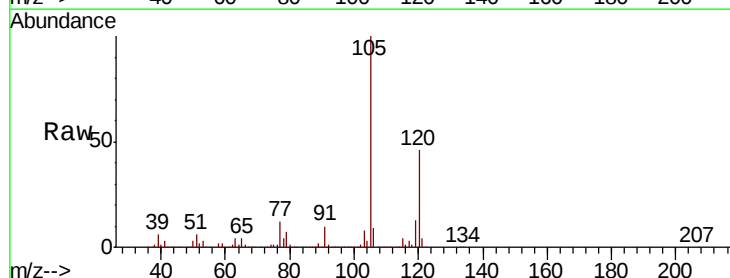
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

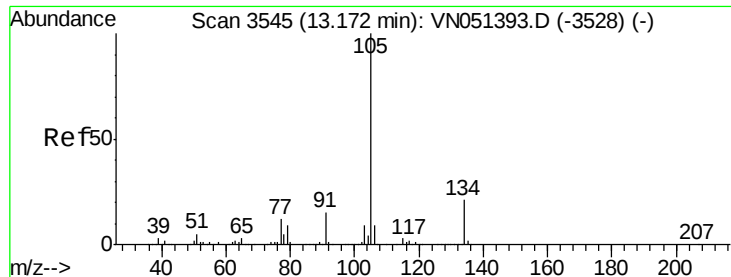
Tot Ion:119 Resp: 349493
 Ion Ratio Lower Upper
 119 100
 91 81.2 31.7 95.1
 134 0.3 12.3 36.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 103.493 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion:105 Resp: 2758691
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.7

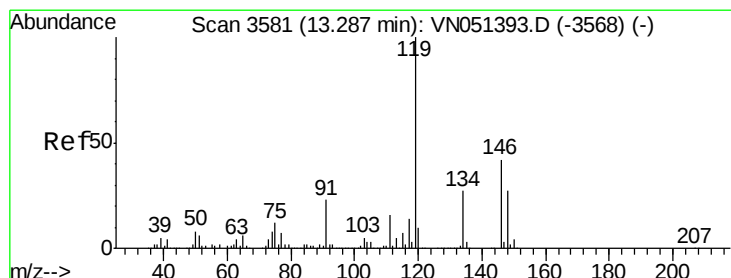
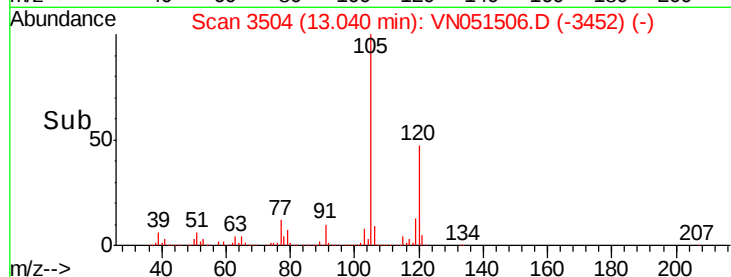
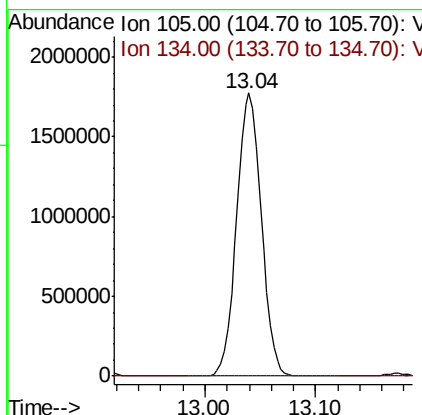
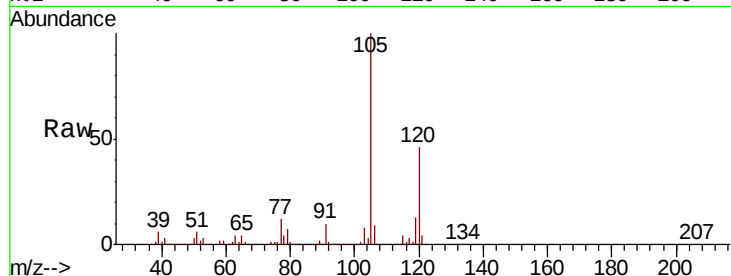




#85
 sec-Butylbenzene
 Concen: 86.607 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

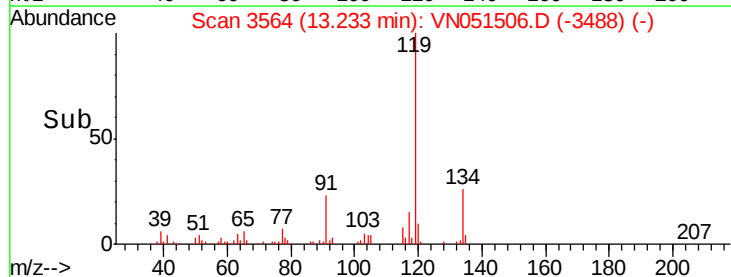
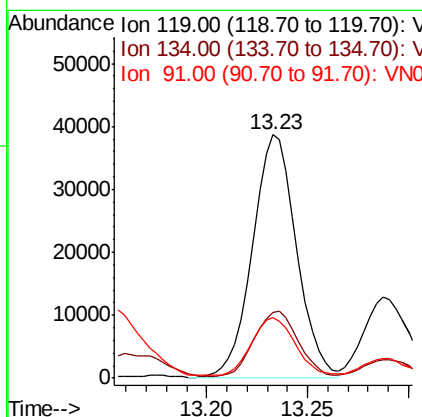
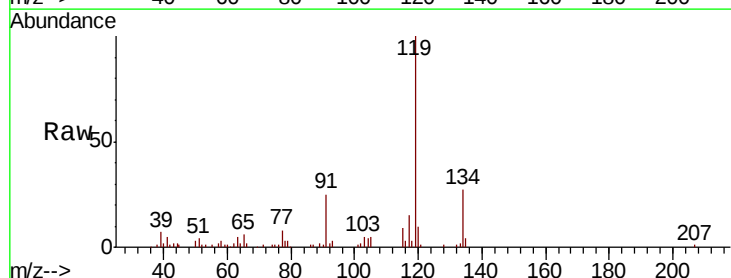
Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

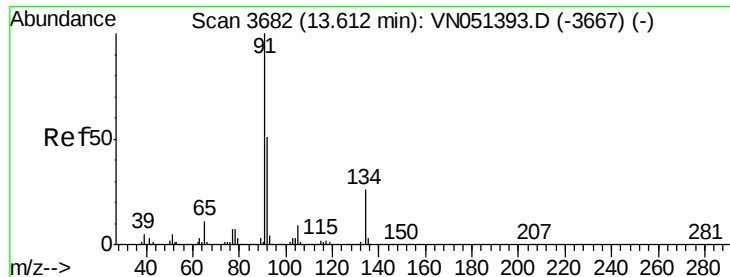
Tot Ion:105 Resp: 2758691
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.122 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion:119 Resp: 58482
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.3 39.9
 91 23.3 11.4 34.2





#89

n-Butylbenzene

Concen: 1.818 ug/l

RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN051506.D

Acq: 26 Sep 2018 00:54

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW13-GW

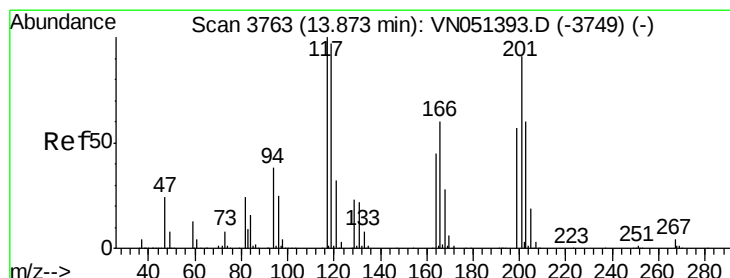
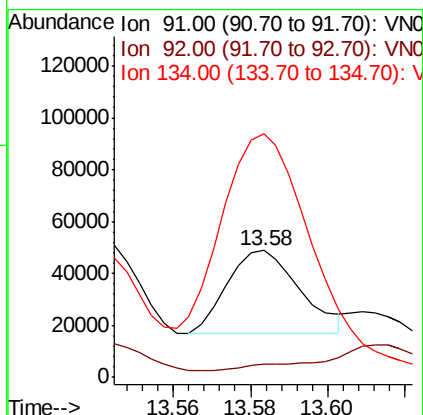
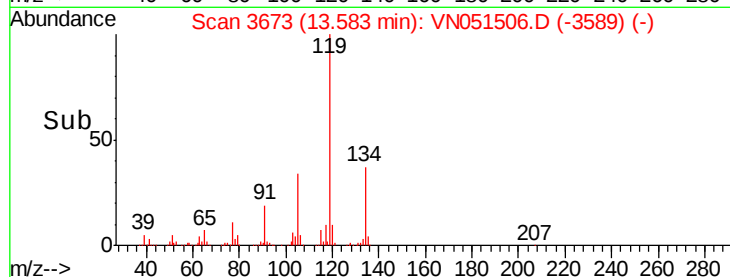
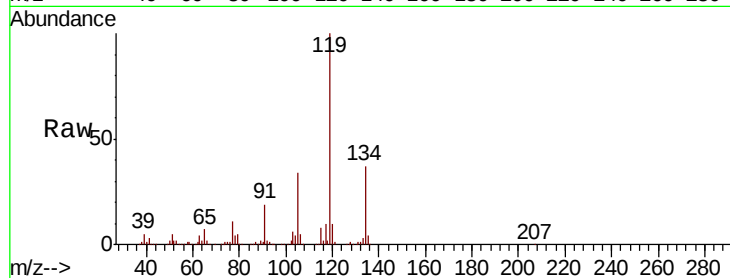
Tot Ion: 91 Resp: 41210

Ion Ratio Lower Upper

91 100

92 0.0 25.5 76.5#

134 399.5 13.3 39.8#



#90

Hexachloroethane

Concen: 6.784 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051506.D

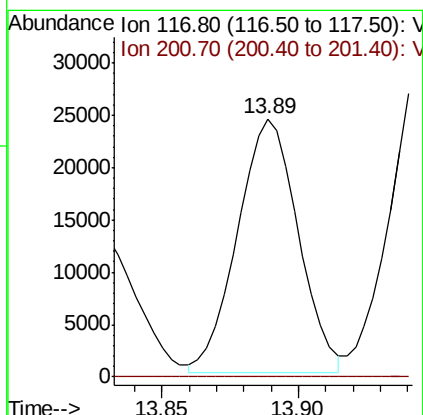
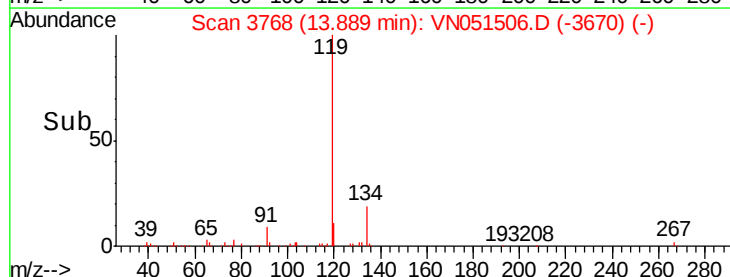
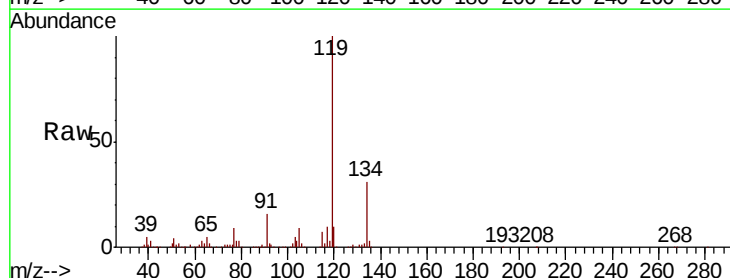
Acq: 26 Sep 2018 00:54

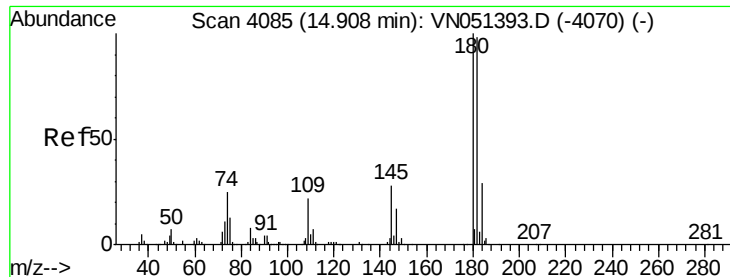
Tgt Ion: 117 Resp: 37257

Ion Ratio Lower Upper

117 100

201 0.0 45.5 136.4#

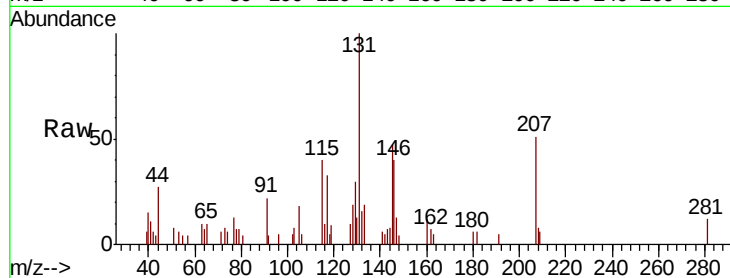




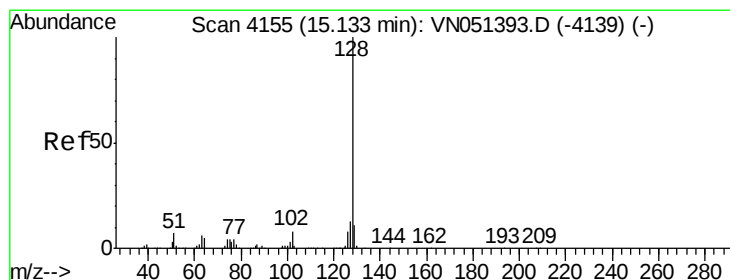
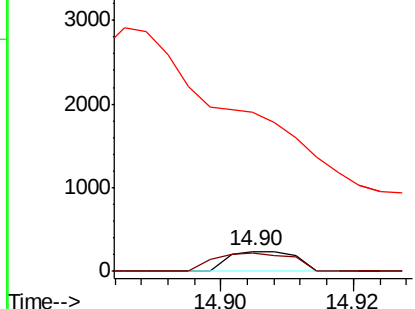
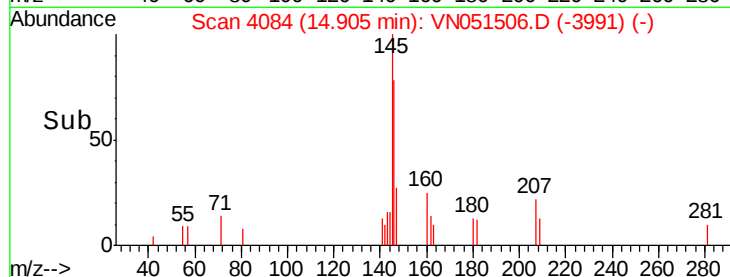
#93
 1,2,4-Trichlorobenzene
 Concen: 6.002 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW13-GW

Tot Ion:180 Resp: 169
 Ion Ratio Lower Upper
 180 100
 182 108.3 48.5 145.6
 145 4000.0 14.1 42.4#

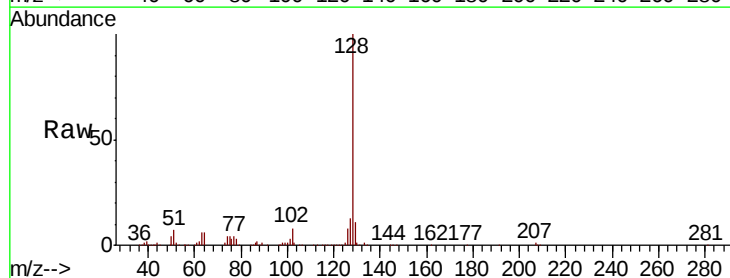


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 30.252 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051506.D
 Acq: 26 Sep 2018 00:54

Tgt Ion:128 Resp: 378339
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.5 15.7
 129 10.3 8.6 12.8



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

