

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051457.D
 Acq On : 24 Sep 2018 13:30
 Operator : MD\SY
 Sample : J4770-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-D

Quant Time: Sep 25 01:58:03 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	658403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	994050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	348588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445200	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	7.59	113	386628	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.09	98	1401214	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
62) 4-Bromofluorobenzene	12.40	95	399616	41.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.54%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.58	94	1640	0.312	ug/l	91
8) Diethyl Ether	3.41	74	62	Below Cal	#	1
13) Acrolein	3.61	56	105	0.227	ug/l #	13
14) Allyl chloride	4.56	41	8301	0.675	ug/l #	26
16) Acetone	3.82	43	20411	Below Cal		99
18) Methyl Acetate	4.33	43	8388	1.335	ug/l	100
20) Methylene Chloride	4.55	84	192998	23.647	ug/l	98
25) 2-Butanone	6.84	43	1621	0.574	ug/l #	48
30) Chloroform	7.38	83	15309	1.090	ug/l	98
31) Cyclohexane	7.67	56	11555	0.890	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	45713	3.971	ug/l #	48
38) Carbon Tetrachloride	7.67	117	59947	4.979	ug/l #	17
43) Isopropyl Acetate	8.17	43	214514	17.924	ug/l	97
47) Bromodichloromethane	9.40	83	4044	0.352	ug/l #	89
48) Methyl methacrylate	9.18	41	5755	0.964	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	1971	0.299	ug/l	97
52) Toluene	10.16	92	6483	0.309	ug/l	89
59) 2-Hexanone	10.76	43	13407	3.142	ug/l #	61
67) Ethyl Benzene	11.51	91	11871	0.324	ug/l	98
68) m/p-Xylenes	11.62	106	10228	0.722	ug/l	93
69) o-Xylene	11.94	106	4328	0.318	ug/l	77
70) Styrene	11.96	104	4561	0.211	ug/l #	82
71) Bromoform	12.39	173	1553	0.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	195159	33.725	ug/l #	100
77) Bromobenzene	12.54	156	10521	1.413	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	10487	0.437	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	195159	103.702	ug/l #	13
83) tert-Butylbenzene	13.04	119	5153	0.241	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.04	105	31134	1.288	ug/l	97
90) Hexachloroethane	13.89	117	1863	0.374	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	3068	6.382	ug/l	89
95) Naphthalene	15.13	128	206136	21.390	ug/l	99

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QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

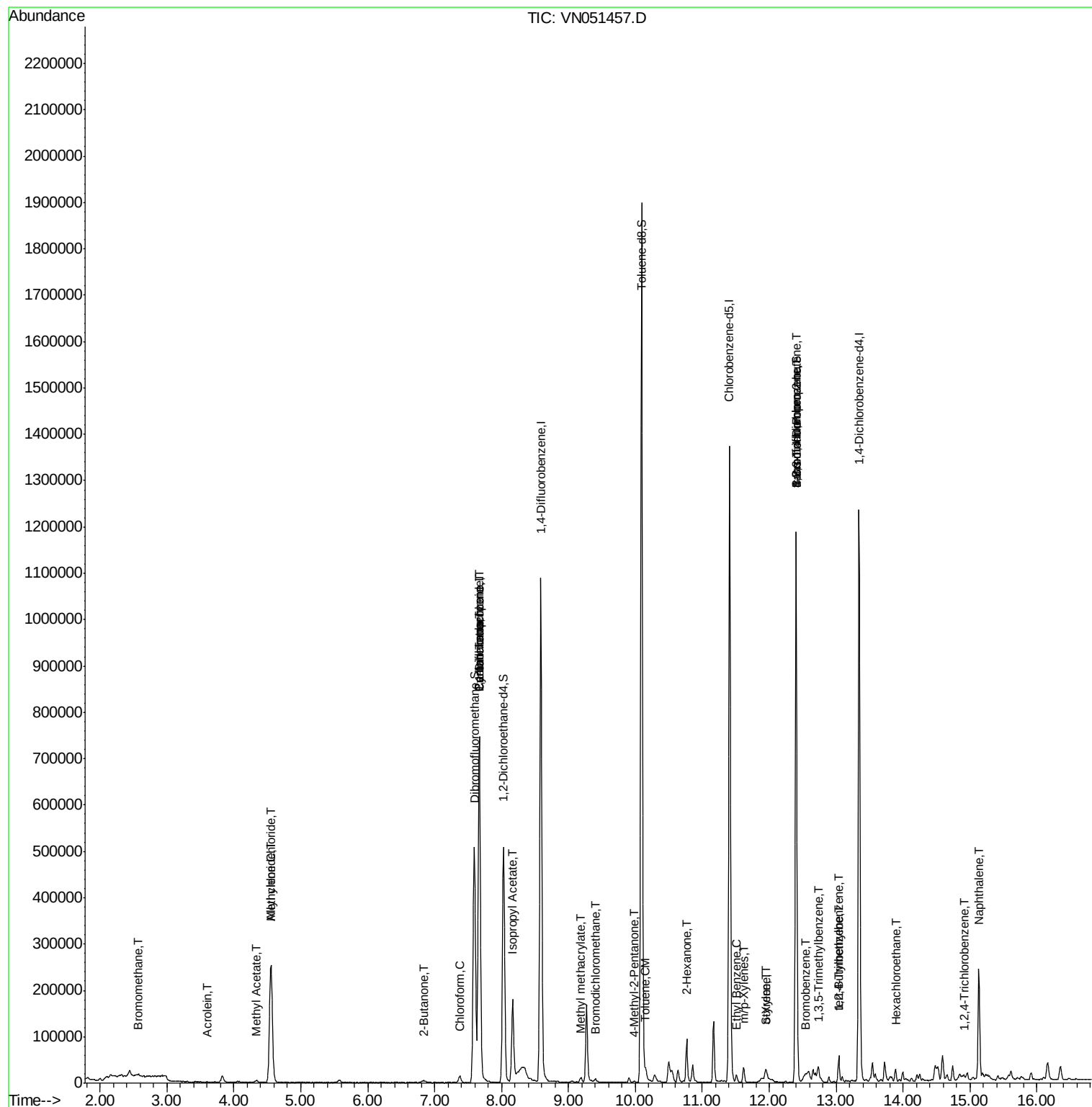
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

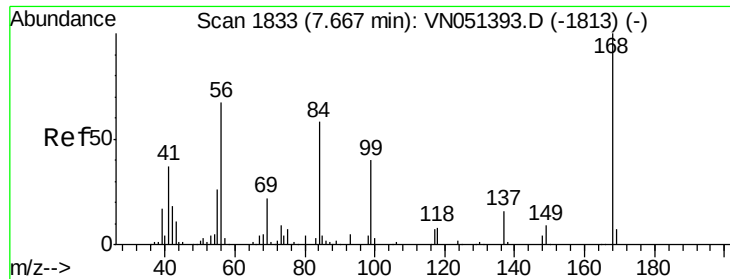
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092418\
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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: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

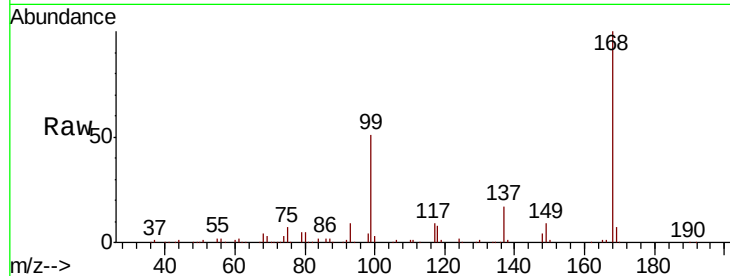
JC-02-092118-D

Tot Ion:168 Resp: 658403

Ion Ratio Lower Upper

168 100

99 51.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

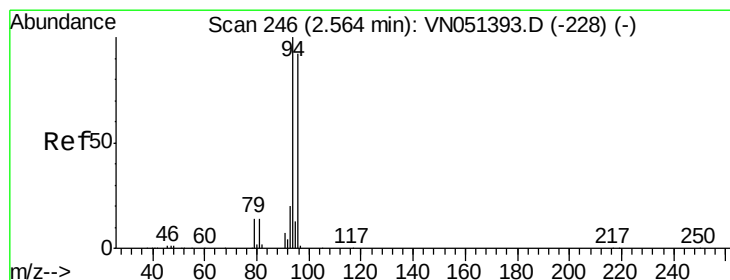
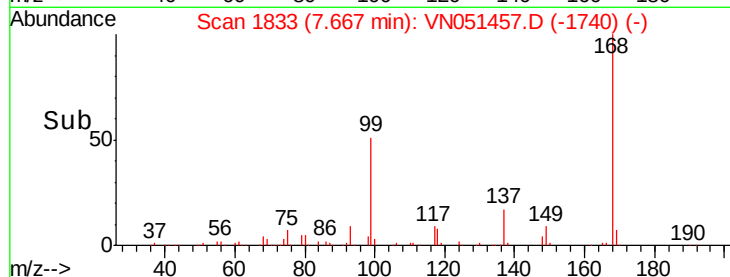
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.312 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN051457.D

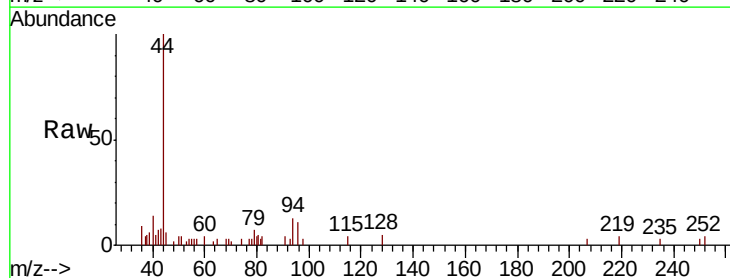
Acq: 24 Sep 2018 13:30

Tgt Ion: 94 Resp: 1640

Ion Ratio Lower Upper

94 100

96 83.0 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN051393.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN051393.D (-228) (-)

2.58

1000

800

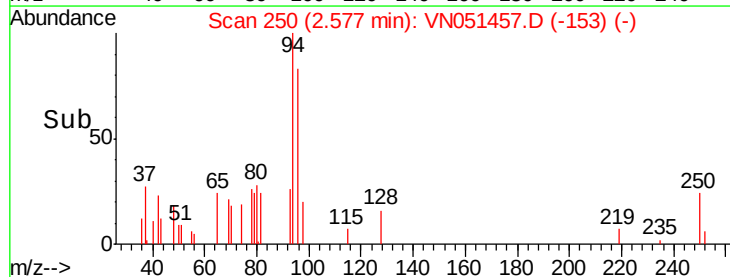
600

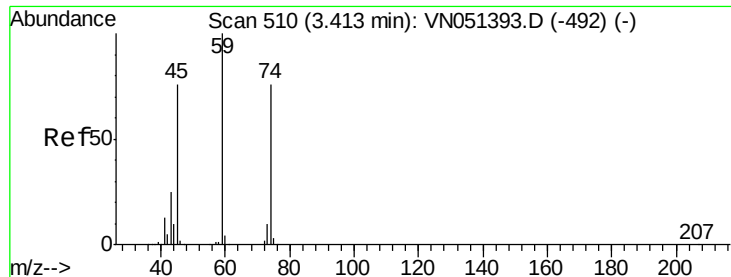
400

200

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

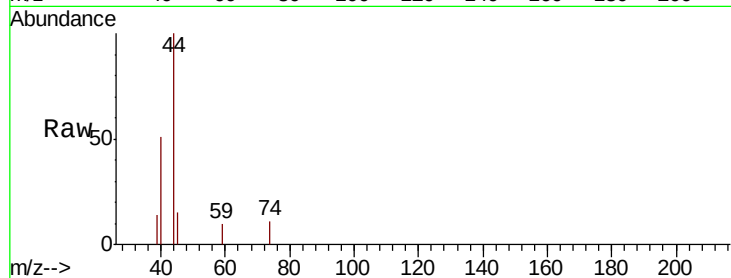
JC-02-092118-D

Tot Ion: 74 Resp: 62

Ion Ratio Lower Upper

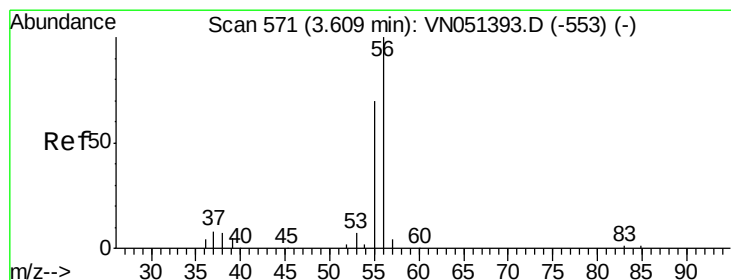
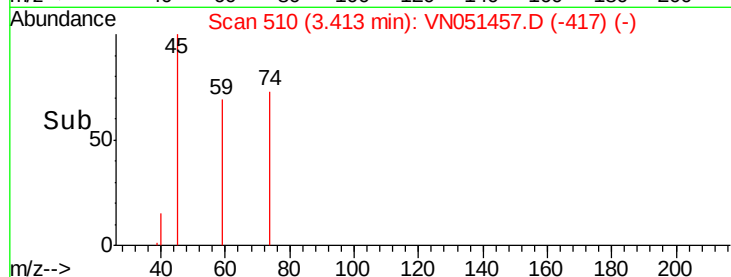
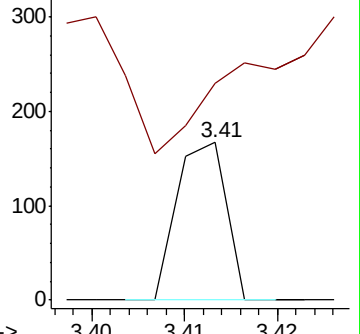
74 100

45 608.1 50.2 150.7#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#13

Acrolein

Concen: 0.227 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051457.D

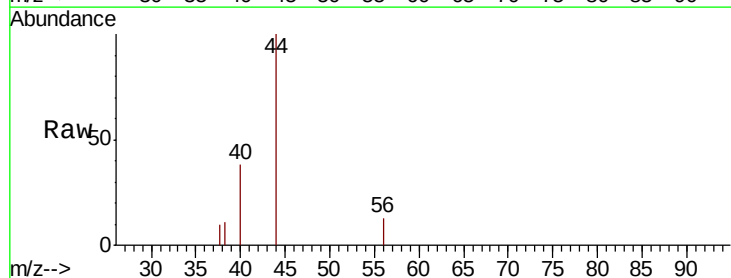
Acq: 24 Sep 2018 13:30

Tgt Ion: 56 Resp: 105

Ion Ratio Lower Upper

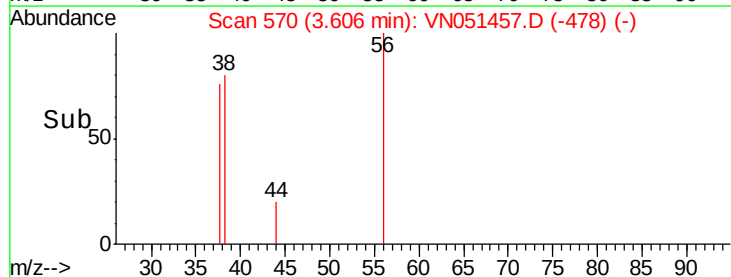
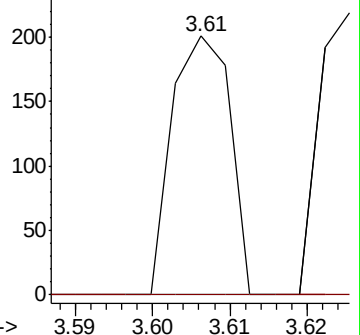
56 100

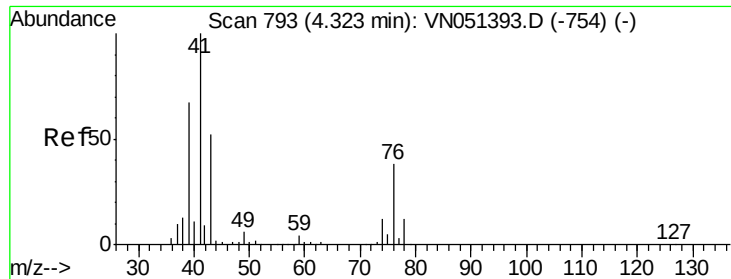
55 0.0 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

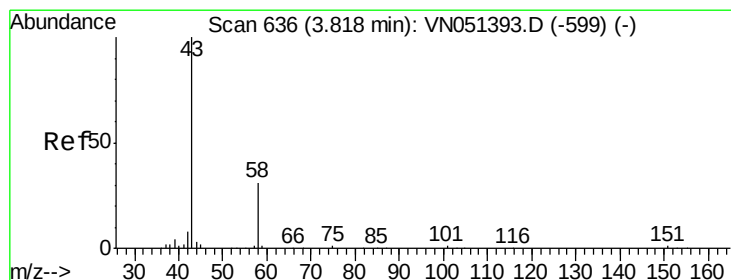
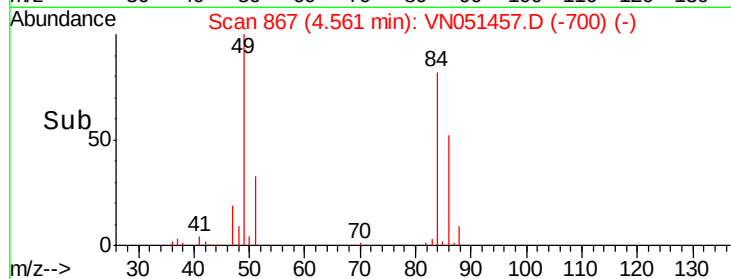
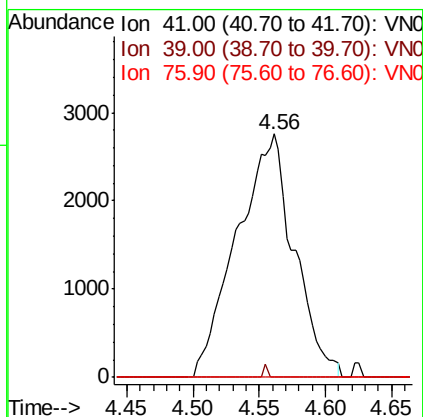
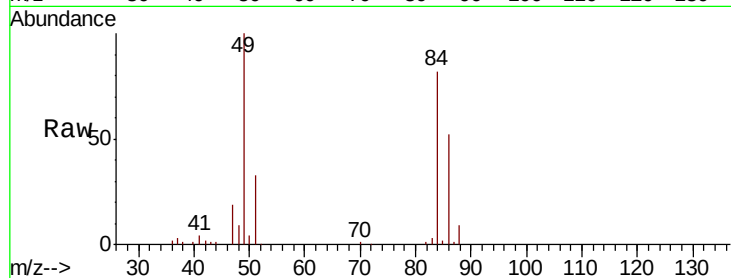




#14
Allvl chloride
Concen: 0.675 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.24 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

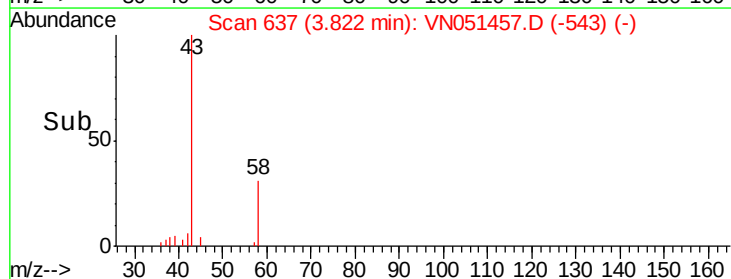
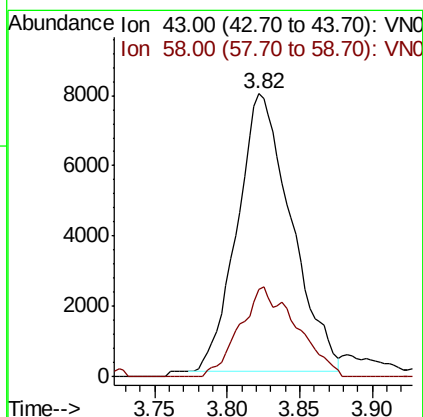
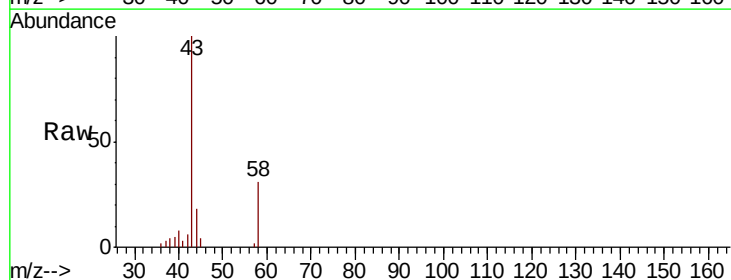
Instrument :
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JC-02-092118-D

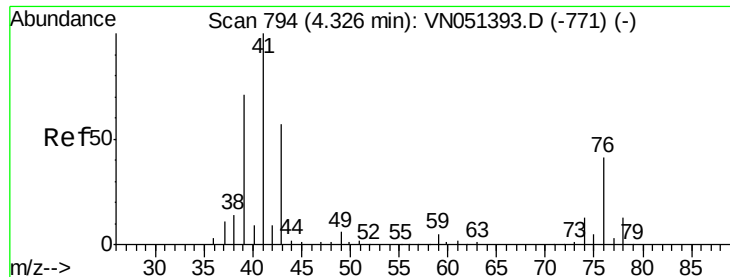
Tot Ion: 41 Resp: 8301
Ion Ratio Lower Upper
41 100
39 0.4 51.4 77.2#
76 0.0 28.1 42.1#



#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

Tgt Ion: 43 Resp: 20411
Ion Ratio Lower Upper
43 100
58 31.6 25.0 37.4

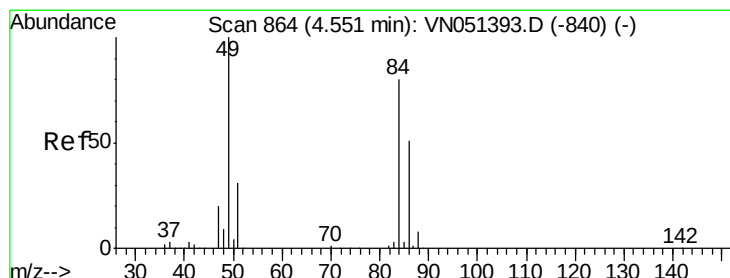
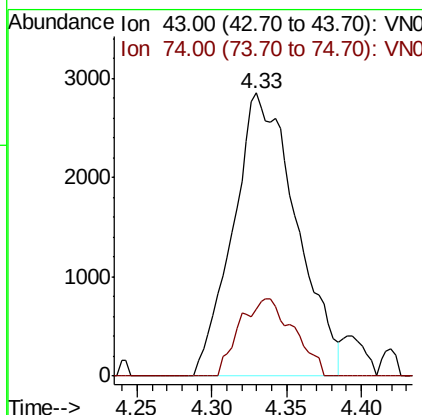
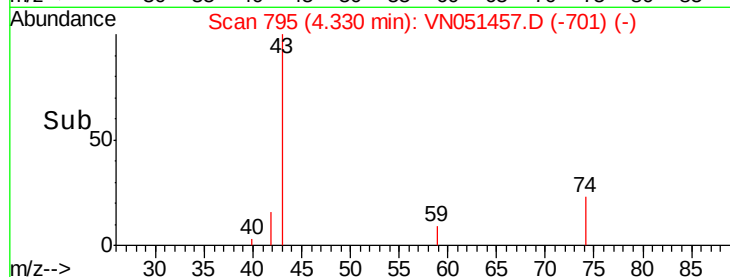
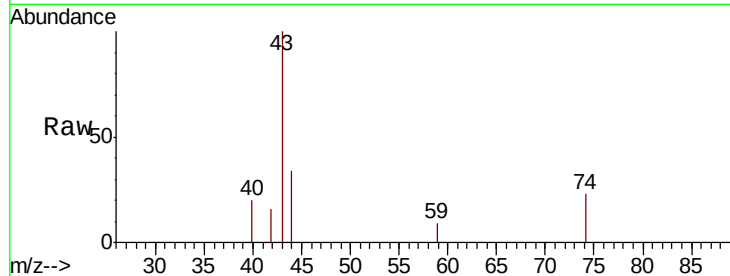




#18
Methvl Acetate
Concen: 1.335 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

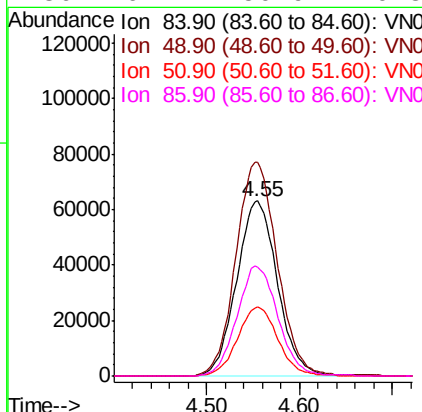
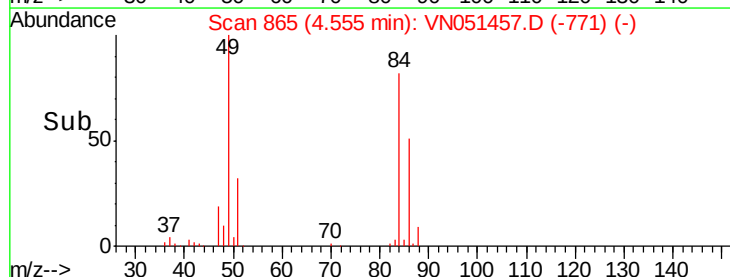
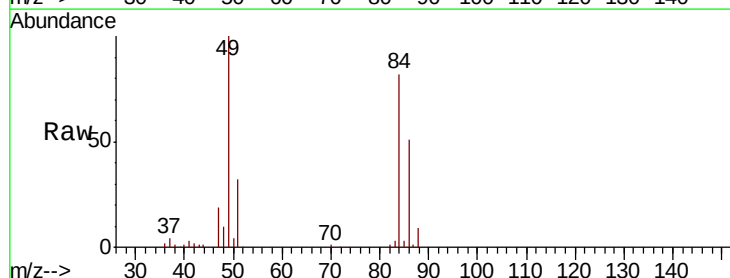
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-D

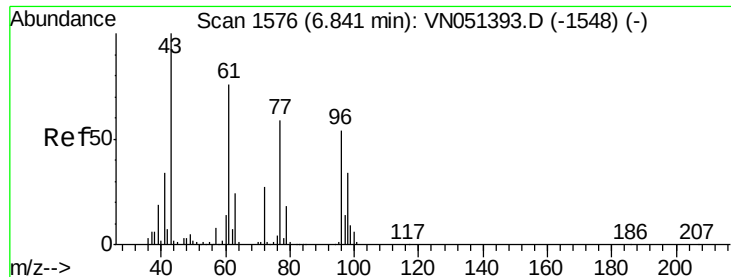
Tot Ion: 43 Resp: 8388
Ion Ratio Lower Upper
43 100
74 23.3 18.8 28.2



#20
Methylene Chloride
Concen: 23.647 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

Tgt Ion: 84 Resp: 192998
Ion Ratio Lower Upper
84 100
49 121.9 99.9 149.9
51 39.2 31.4 47.2
86 62.1 50.9 76.3





#25

2-Butanone

Concen: 0.574 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

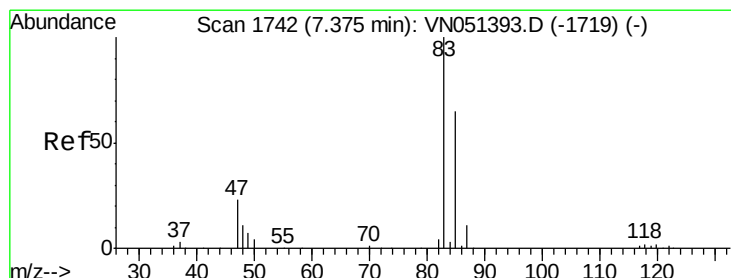
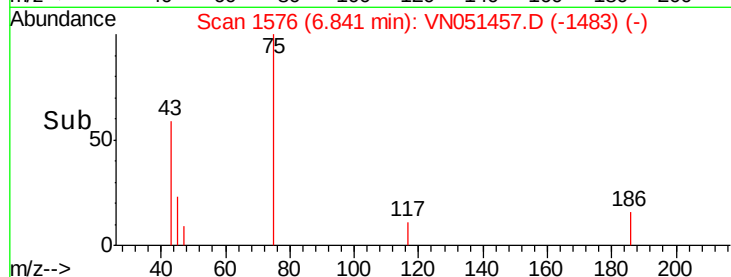
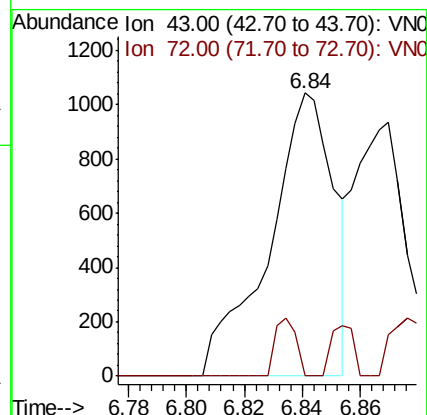
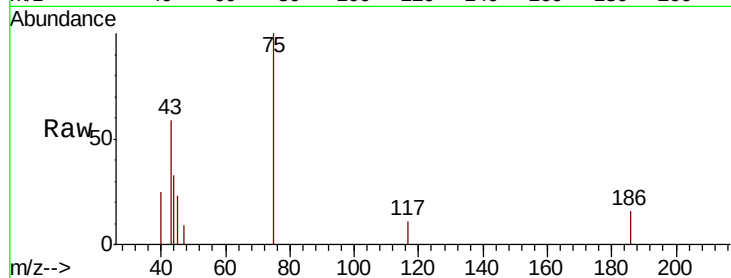
JC-02-092118-D

Tot Ion: 43 Resp: 1621

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



#30

Chloroform

Concen: 1.090 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN051457.D

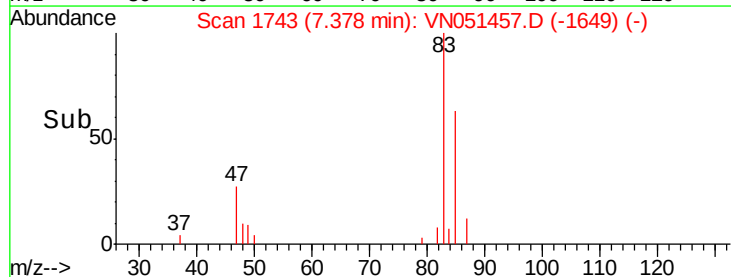
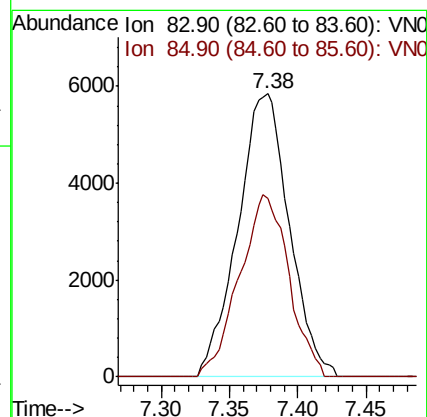
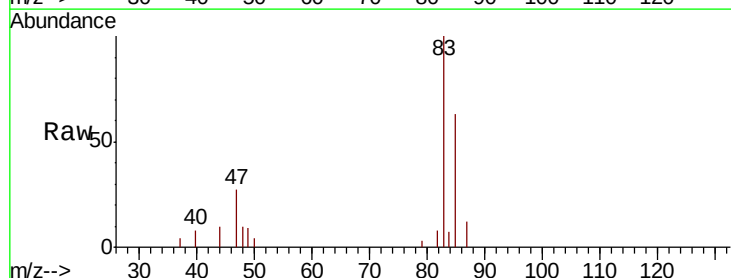
Acq: 24 Sep 2018 13:30

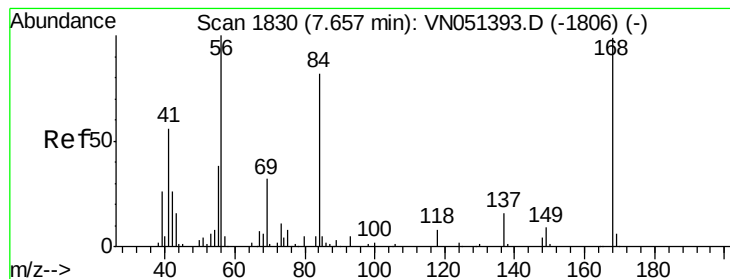
Tgt Ion: 83 Resp: 15309

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.6





#31

Cyclohexane

Concen: 0.890 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

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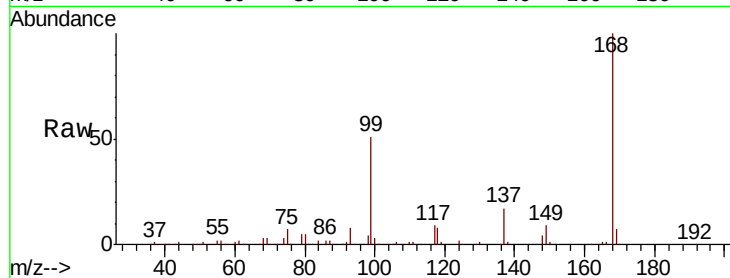
Tot Ion: 56 Resp: 11555

Ion Ratio Lower Upper

56 100

69 184.6 25.8 38.6#

84 138.1 66.0 99.0#

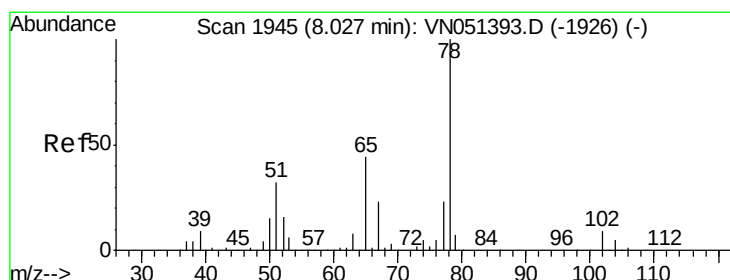
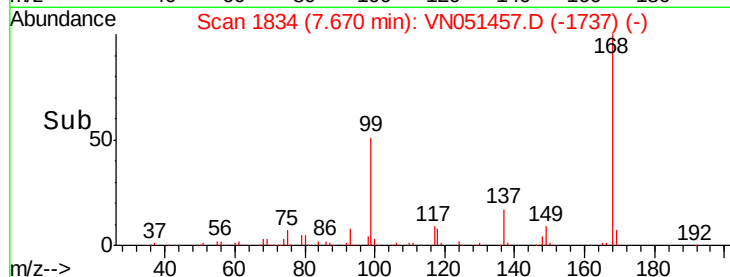
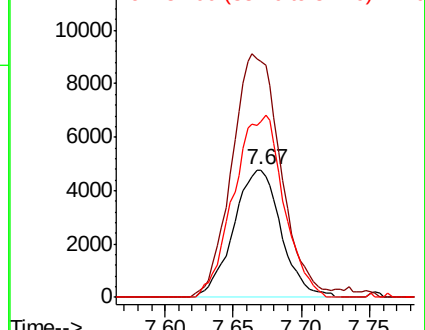


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.979 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051457.D

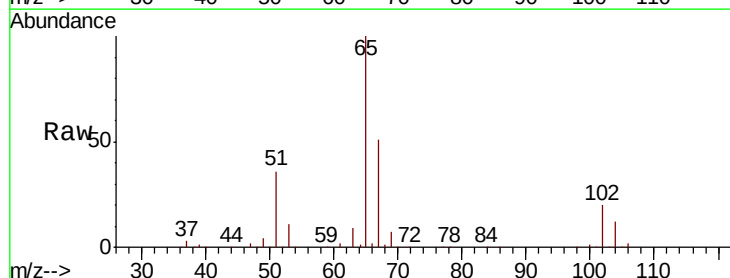
Acq: 24 Sep 2018 13:30

Tgt Ion: 65 Resp: 445200

Ion Ratio Lower Upper

65 100

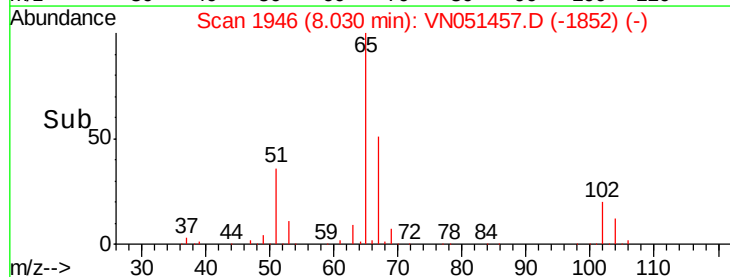
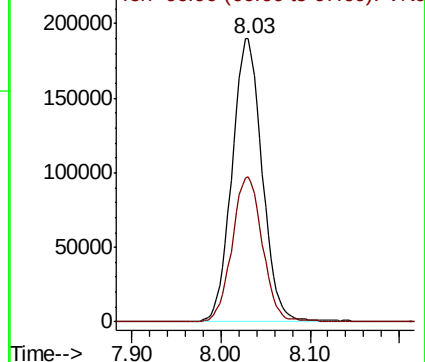
67 51.7 0.0 107.8

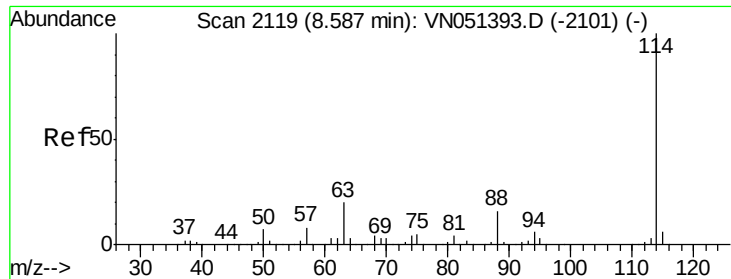


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

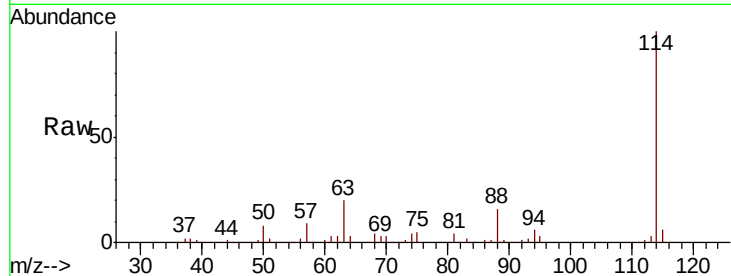




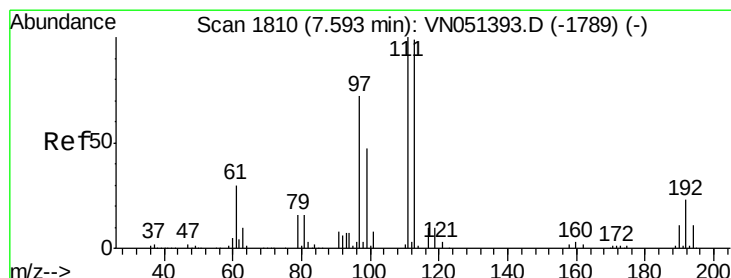
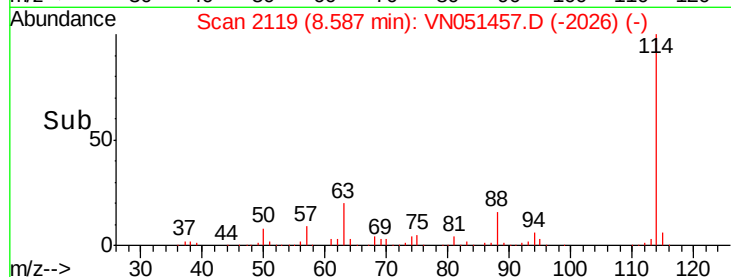
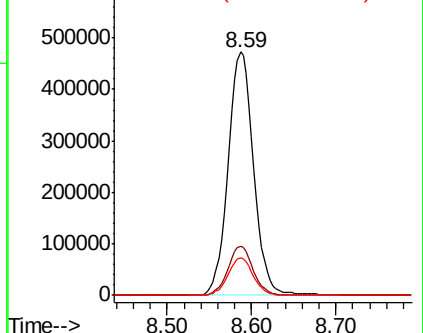
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	15.6	0.0	31.4

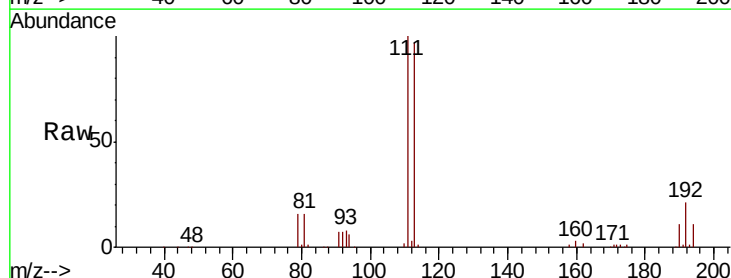


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

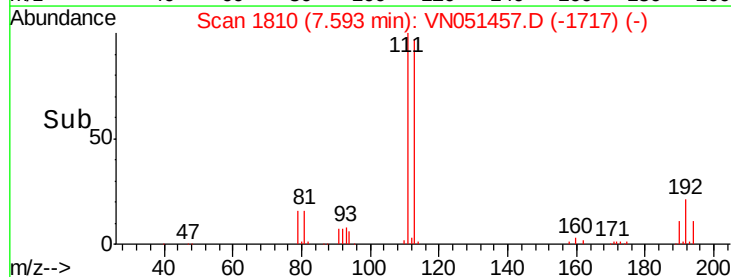
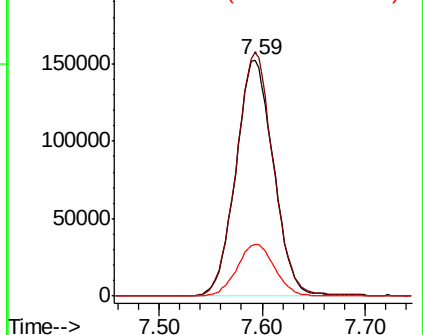


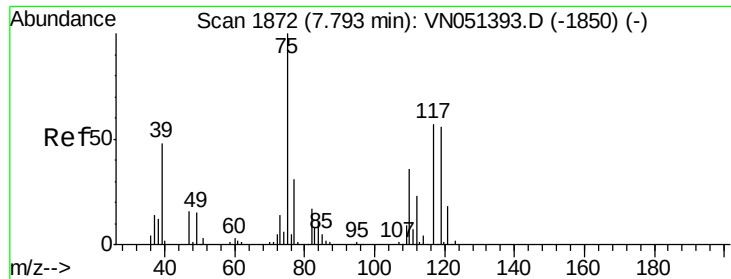
#35
 Dibromofluoromethane
 Concen: 48.639 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.1	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

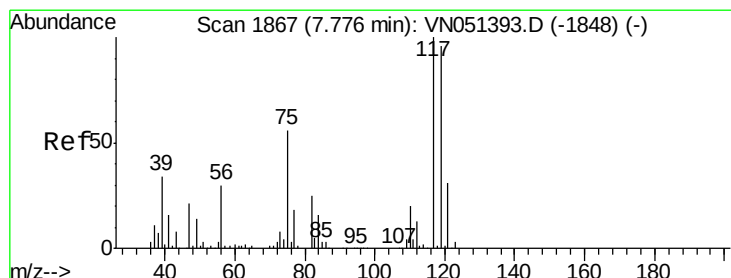
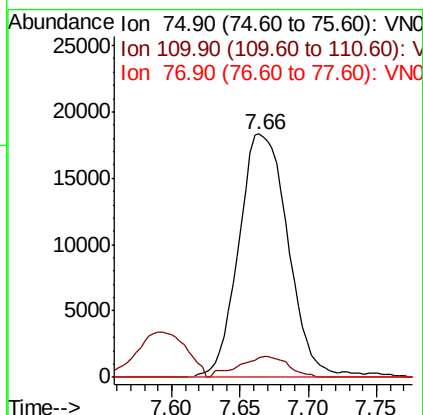
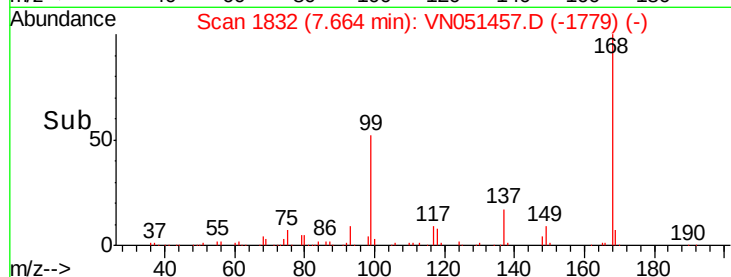
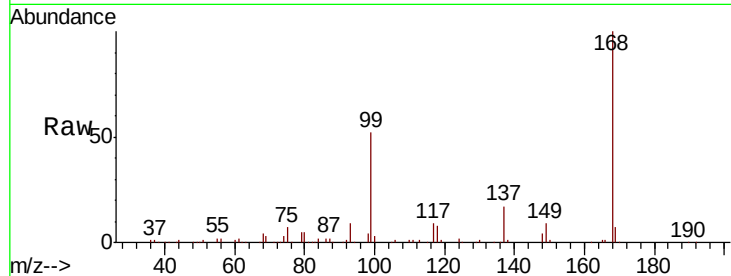




#36
 1,1-Dichloropropene
 Concen: 3.971 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

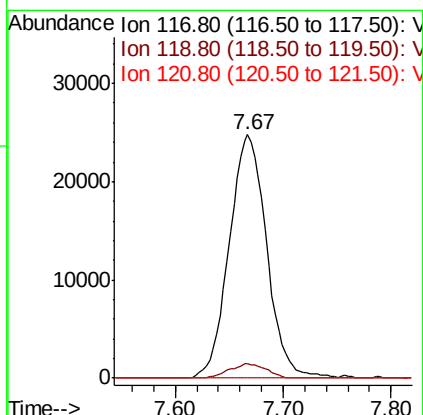
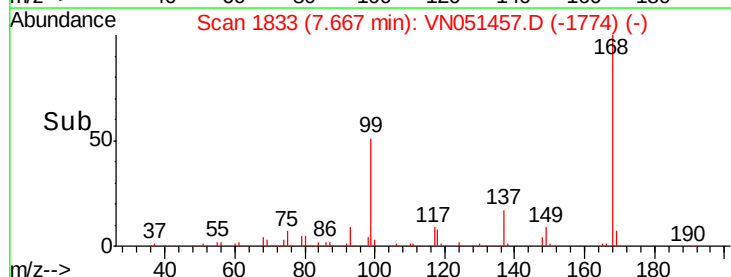
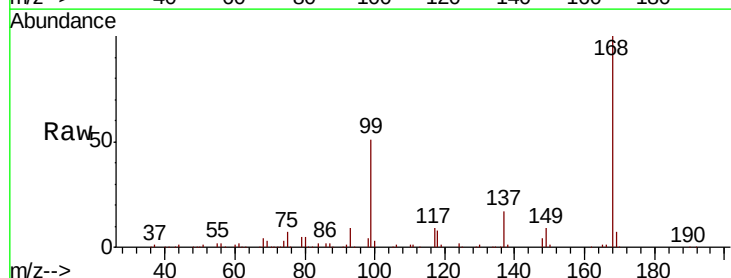
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-D

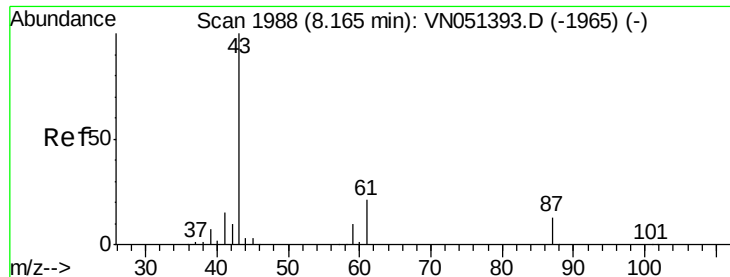
Tot Ion: 75 Resp: 45713
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.3#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 4.979 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

Tgt Ion: 117 Resp: 59947
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.9 115.3#
 121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 17.924 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-D

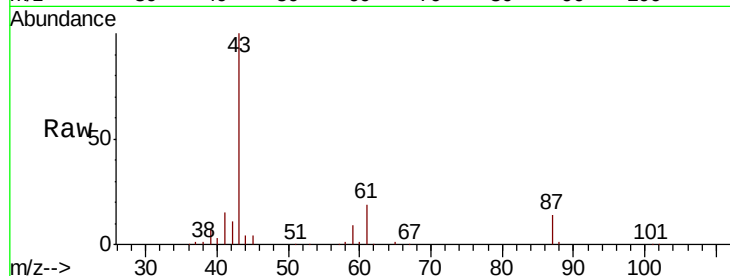
Tot Ion: 43 Resp: 214514

Ion Ratio Lower Upper

43 100

61 19.2 16.8 25.2

87 12.7 10.7 16.1

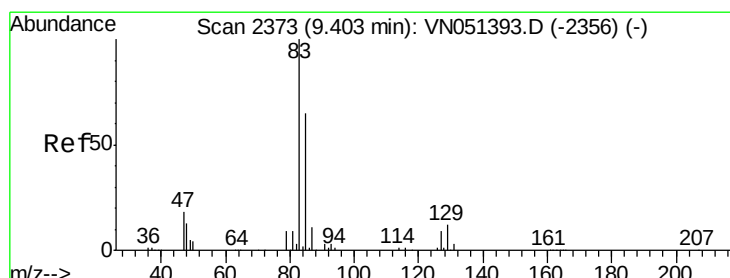
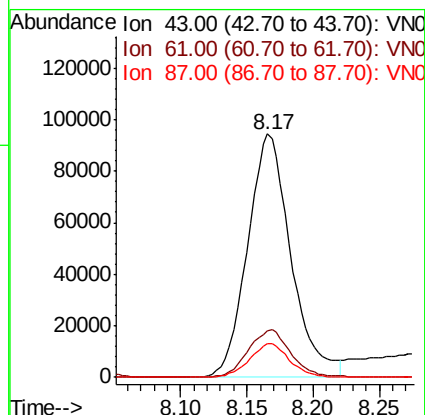
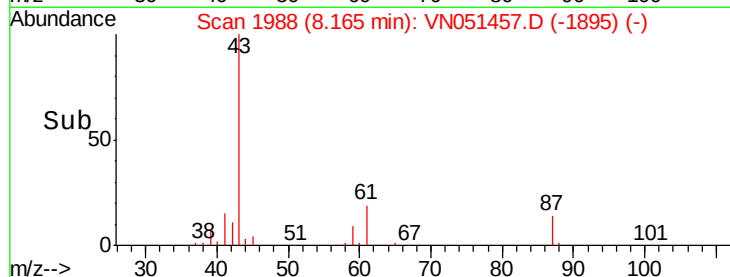


Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)

Time-->



#47

Bromodichloromethane

Concen: 0.352 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

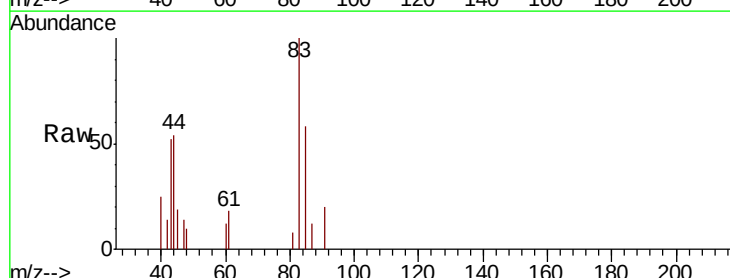
Tgt Ion: 83 Resp: 4044

Ion Ratio Lower Upper

83 100

85 57.7 51.8 77.6

127 0.0 7.4 11.2#

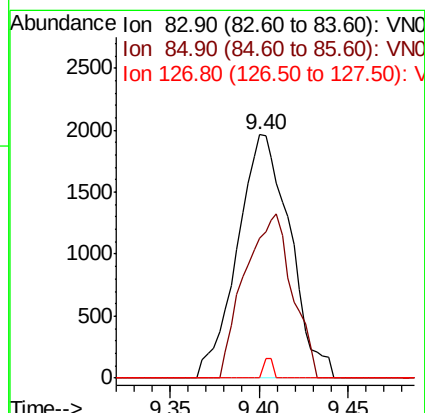
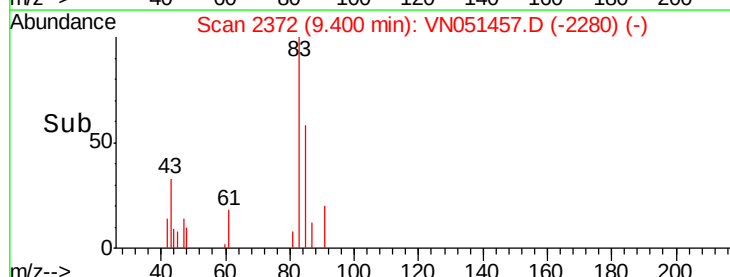


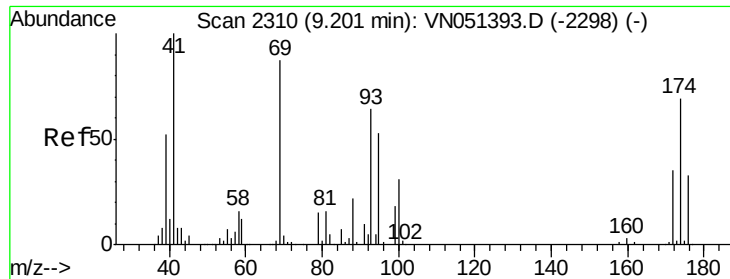
Abundance Ion 82.90 (82.60 to 83.60): VN051393.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051393.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051393.D (-2356) (-)

Time-->

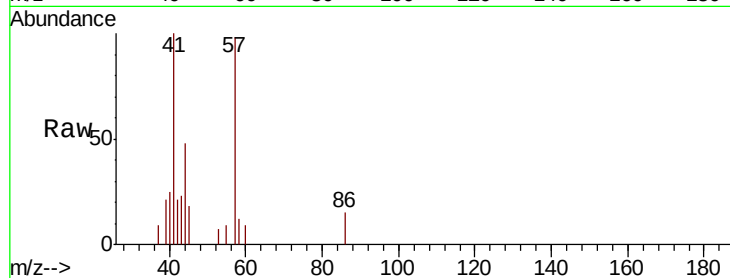




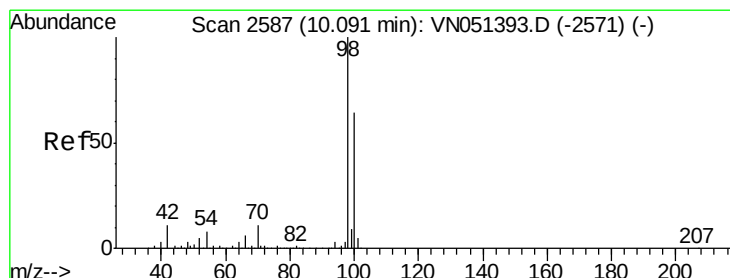
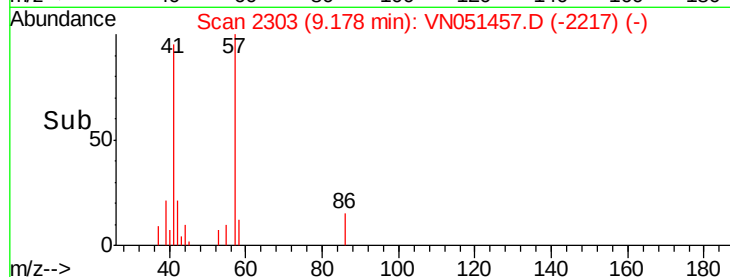
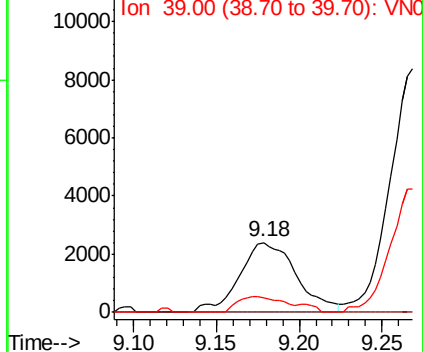
#48
Methvl methacrylate
Concen: 0.964 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

Instrument :
MSVOA_N
ClientSampled :
JC-02-092118-D

Tot Ion: 41 Resp: 5755
Ion Ratio Lower Upper
41 100
69 0.0 70.4 105.6#
39 17.9 43.8 65.8#

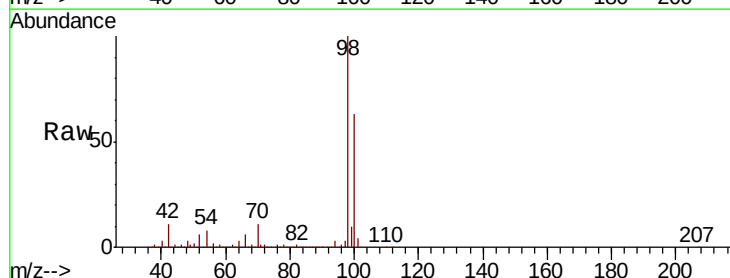


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

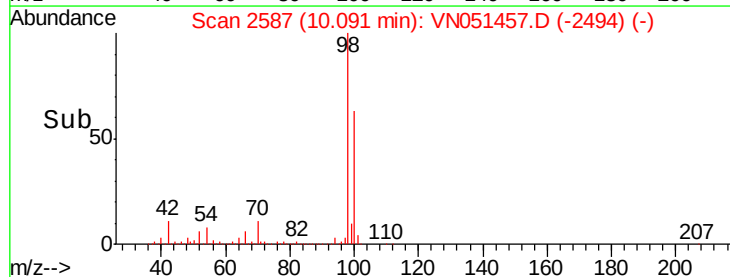
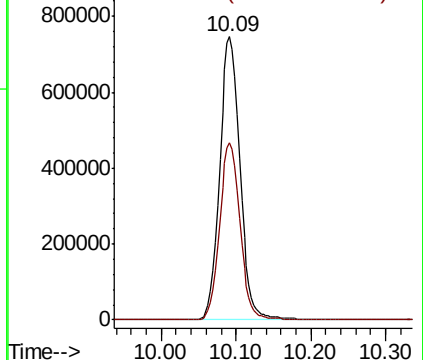


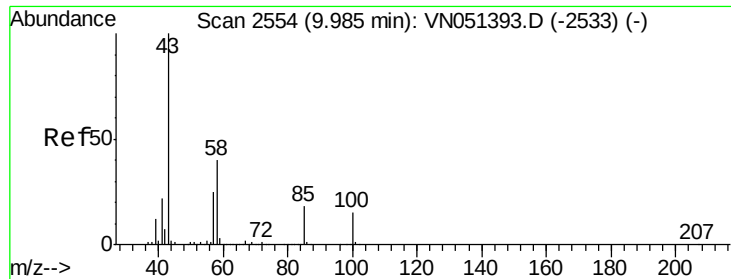
#50
Toluene-d8
Concen: 46.812 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

Tgt Ion: 98 Resp: 1401214
Ion Ratio Lower Upper
98 100
100 62.8 50.6 75.8



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

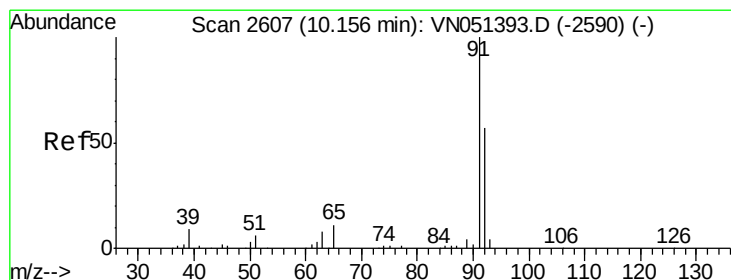
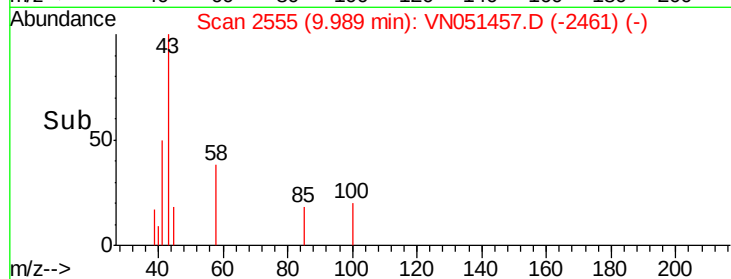
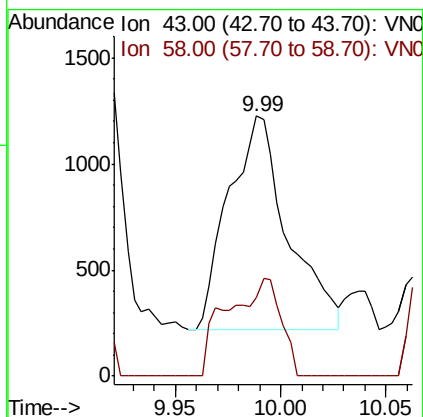
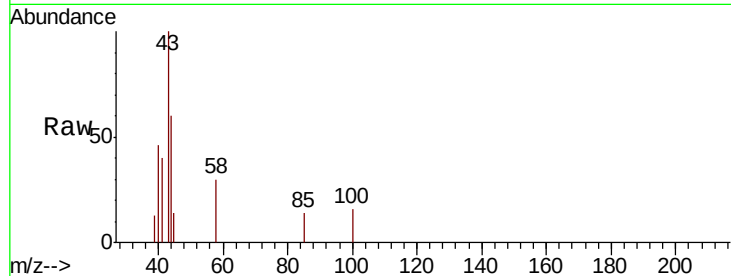




#51
 4-Methyl-2-Pentanone
 Concen: 0.299 ug/l
 RT: 9.99 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

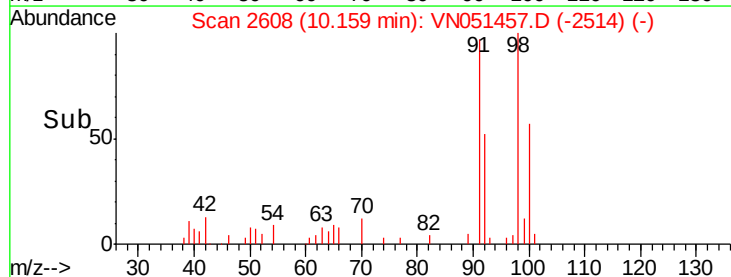
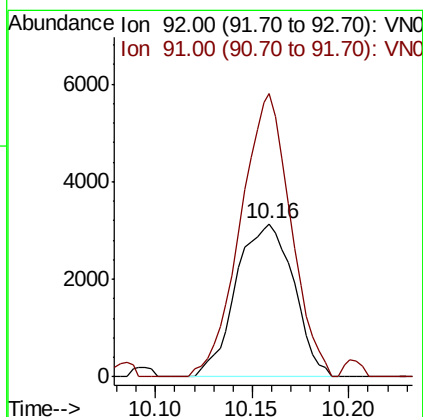
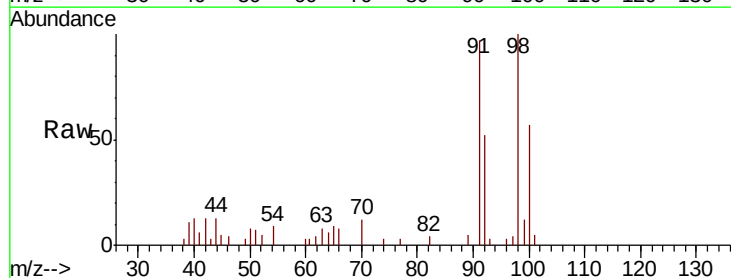
Instrument :
 MSVOA_N
 ClientSampled :
 JC-02-092118-D

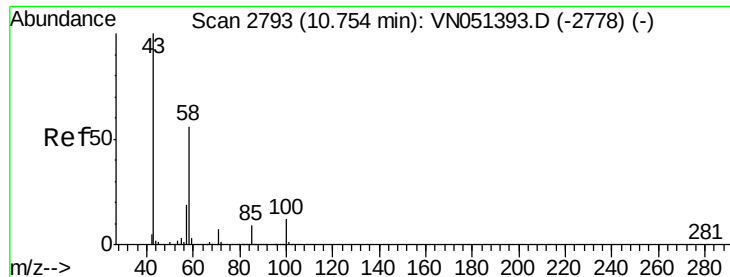
Tot Ion: 43 Resp: 1971
 Ion Ratio Lower Upper
 43 100
 58 41.0 31.5 47.3



#52
 Toluene
 Concen: 0.309 ug/l
 RT: 10.16 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

Tgt Ion: 92 Resp: 6483
 Ion Ratio Lower Upper
 92 100
 91 162.2 142.2 213.4

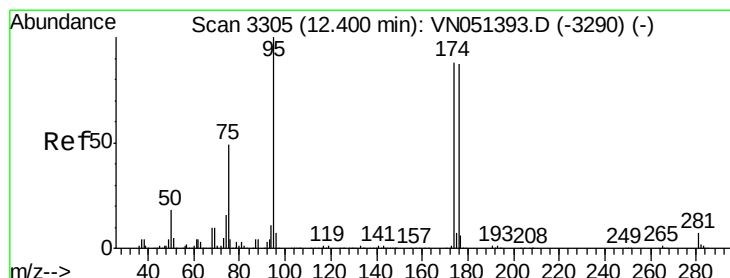
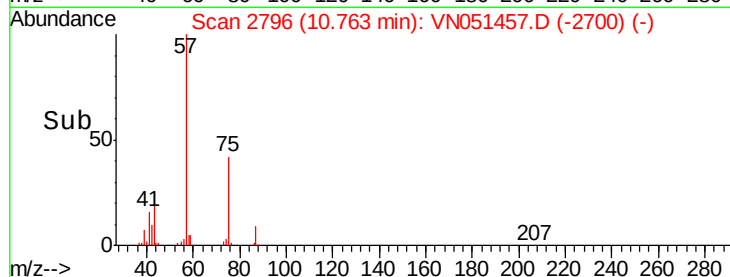
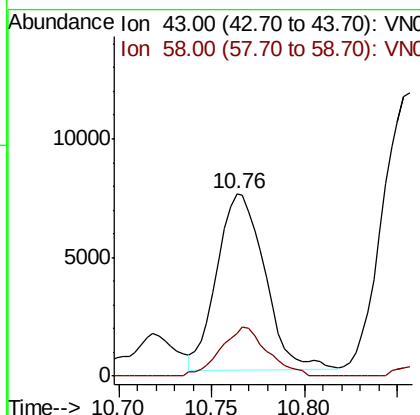
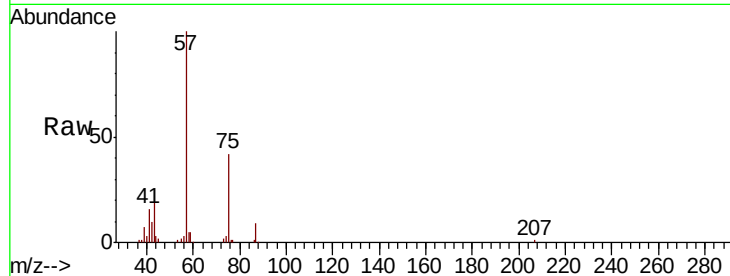




#59
2-Hexanone
Concen: 3.142 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

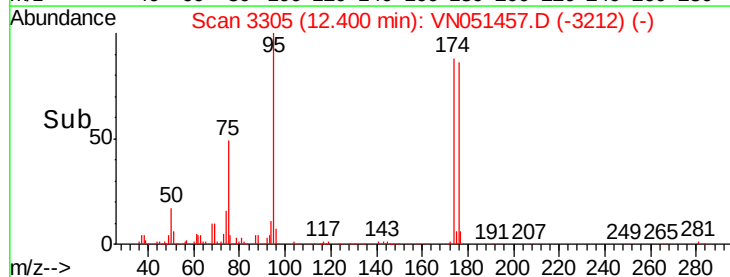
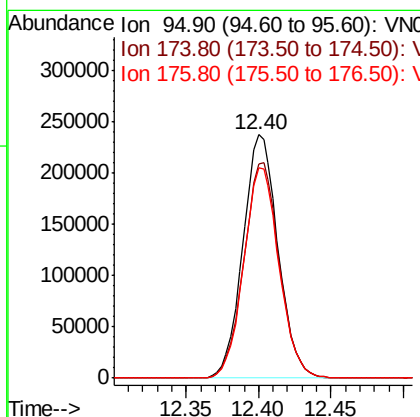
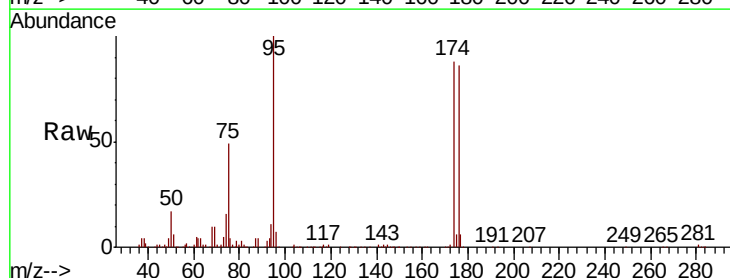
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-D

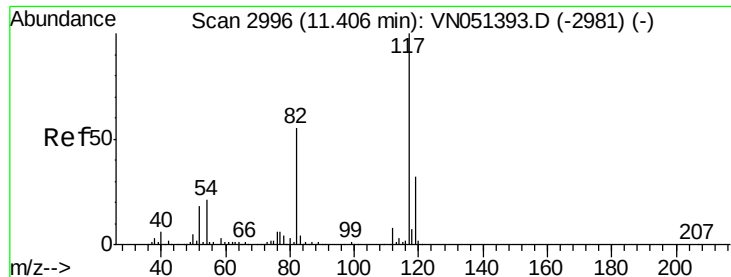
Tot Ion: 43 Resp: 13407
Ion Ratio Lower Upper
43 100
58 26.8 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 41.269 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

Tgt Ion: 95 Resp: 399616
Ion Ratio Lower Upper
95 100
174 89.8 0.0 181.6
176 87.0 0.0 176.4

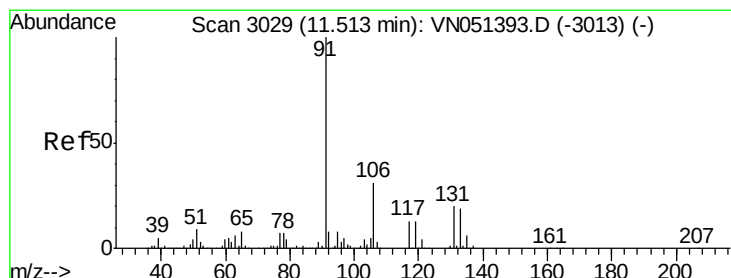
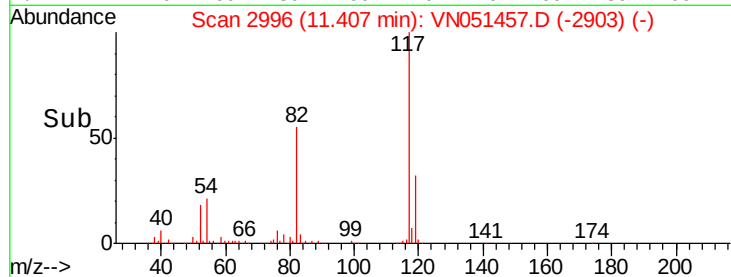
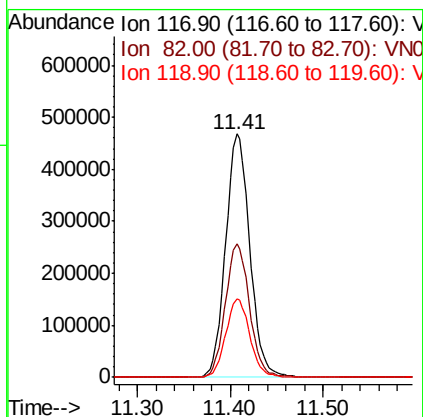
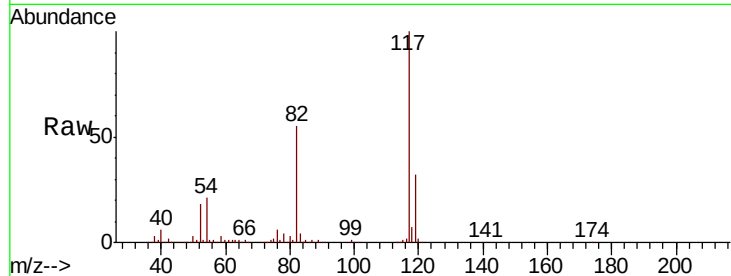




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

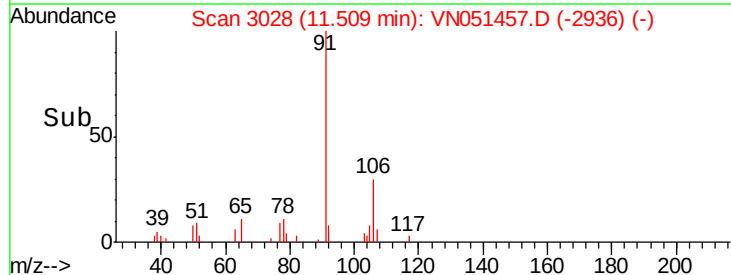
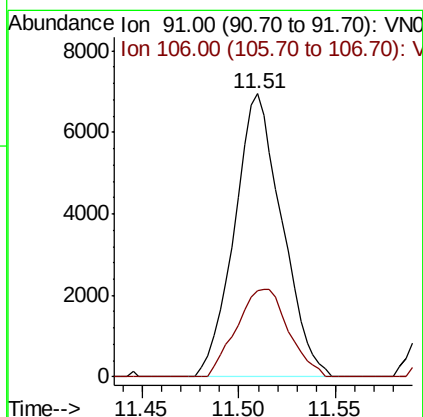
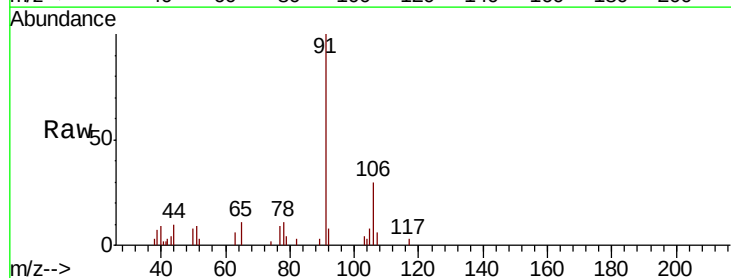
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-D

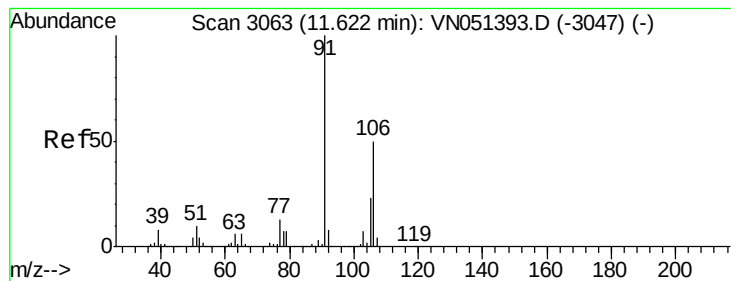
Tot Ion:117 Resp: 846810
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.3 25.9 38.9



#67
Ethyl Benzene
Concen: 0.324 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051457.D
Acq: 24 Sep 2018 13:30

Tgt Ion: 91 Resp: 11871
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4





#68

m/p-Xylenes

Concen: 0.722 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

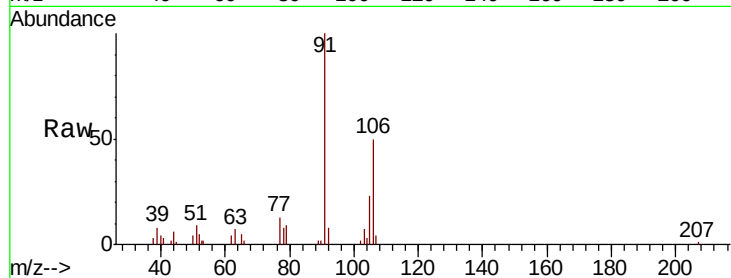
JC-02-092118-D

Tot Ion:106 Resp: 10228

Ion Ratio Lower Upper

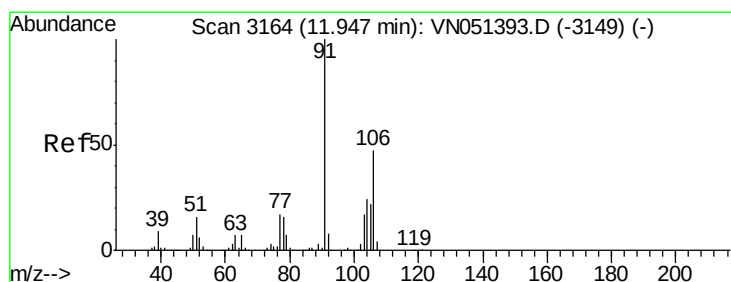
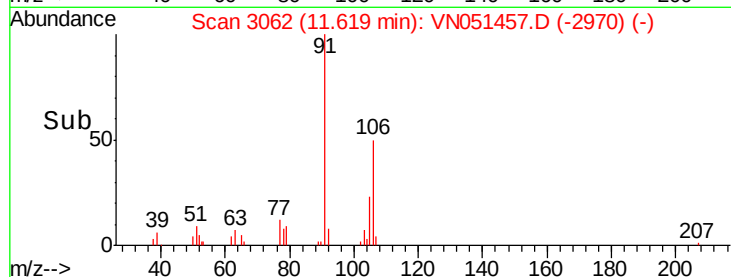
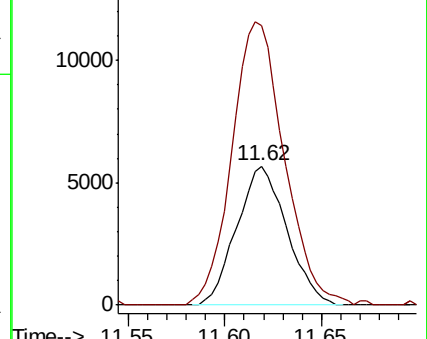
106 100

91 213.0 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.318 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN051457.D

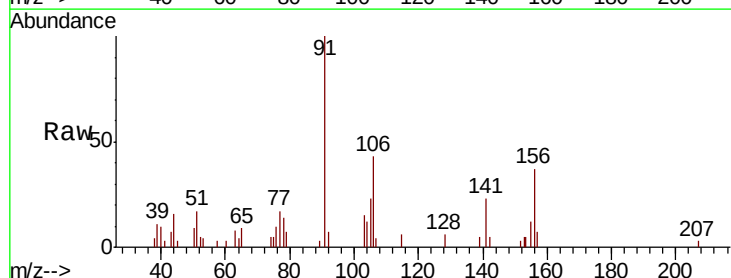
Acq: 24 Sep 2018 13:30

Tgt Ion:106 Resp: 4328

Ion Ratio Lower Upper

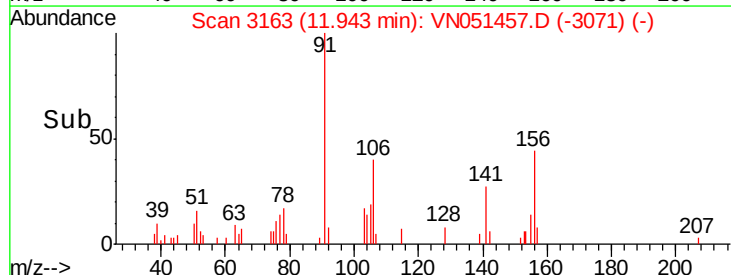
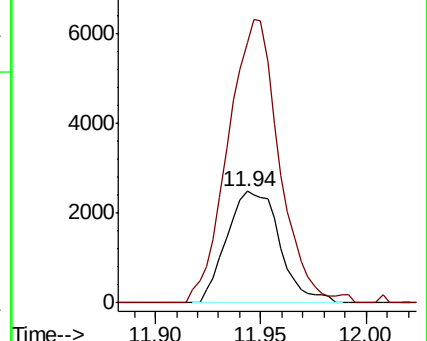
106 100

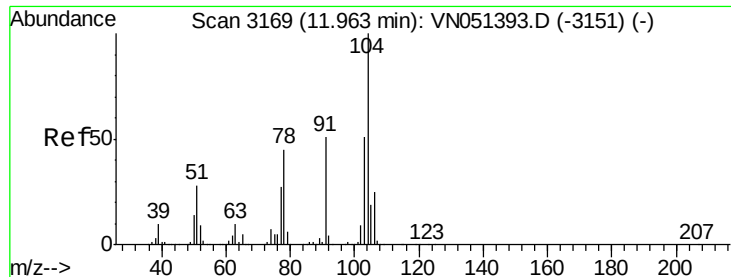
91 246.4 105.3 315.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 0.211 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-D

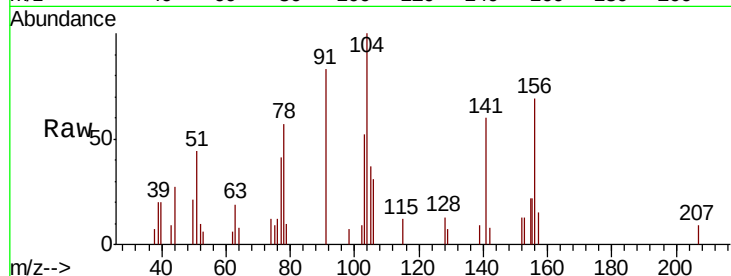
Tot Ion:104 Resp: 4561

Ion Ratio Lower Upper

104 100

78 65.8 39.9 59.9#

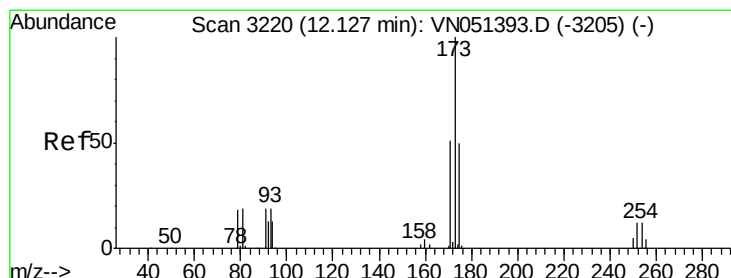
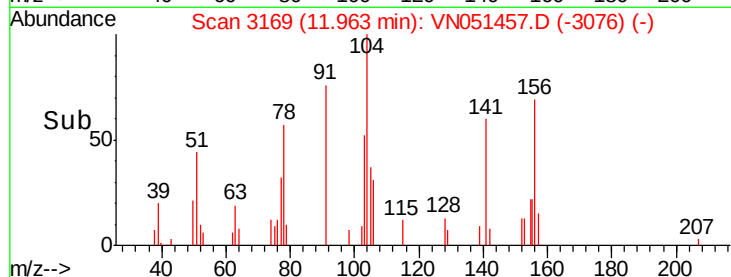
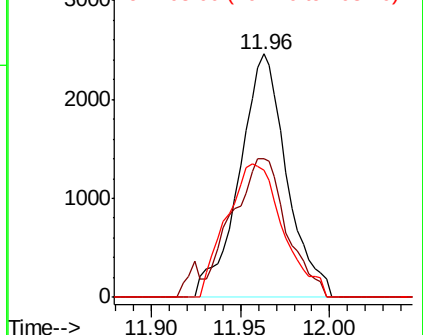
103 65.5 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.276 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

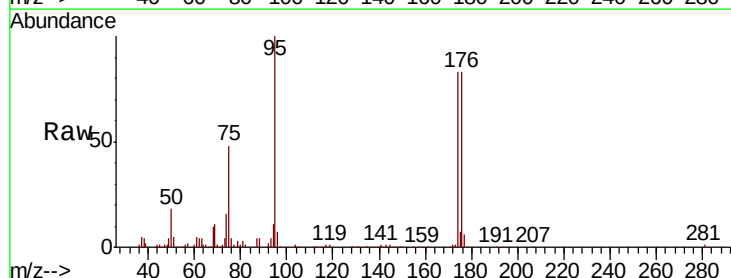
Tgt Ion:173 Resp: 1553

Ion Ratio Lower Upper

173 100

175 1508.5 24.8 74.3#

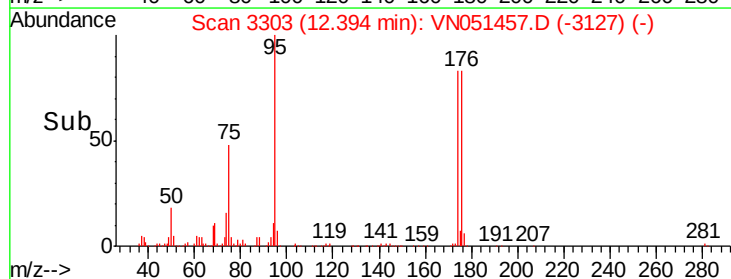
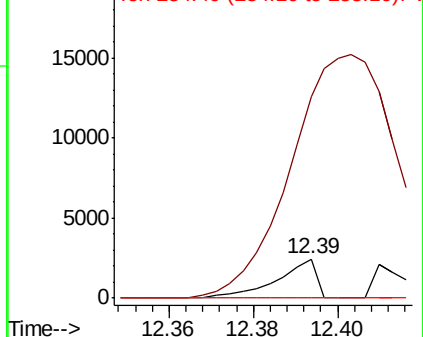
254 0.0 0.2 0.2#

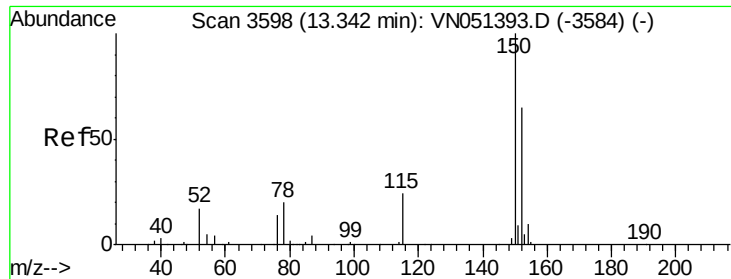


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-D

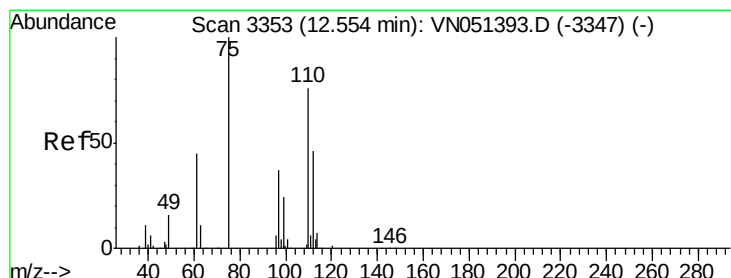
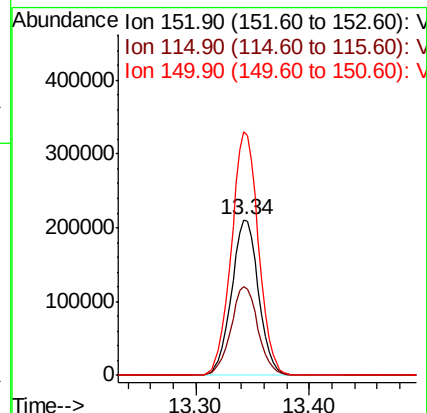
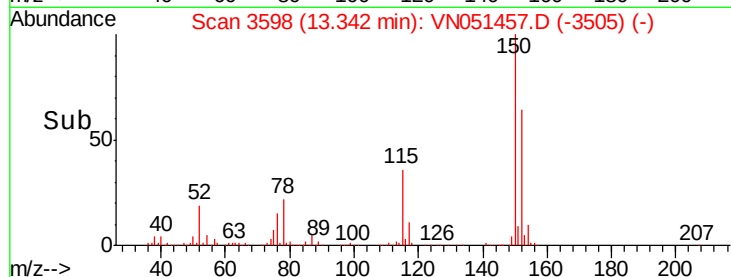
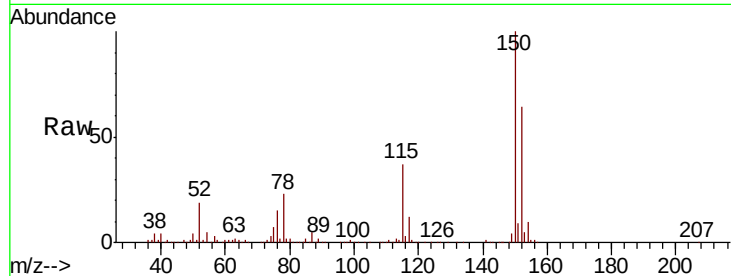
Tot Ion:152 Resp: 348588

Ion Ratio Lower Upper

152 100

115 57.8 28.3 84.9

150 157.2 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 33.725 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051457.D

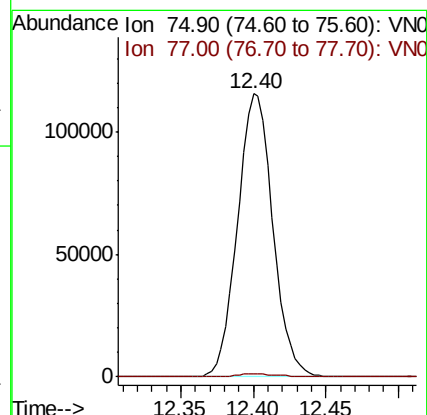
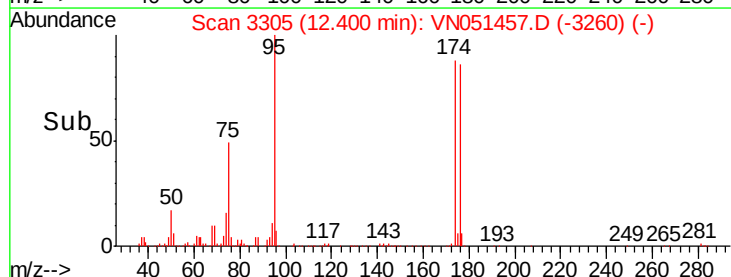
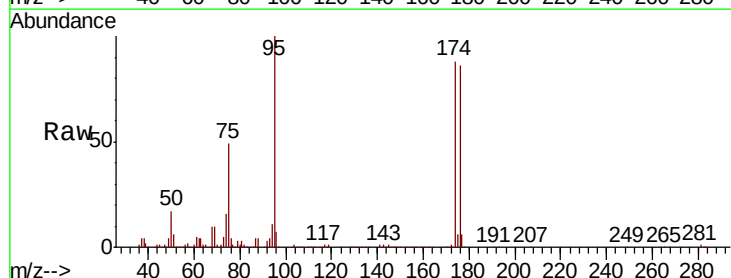
Acq: 24 Sep 2018 13:30

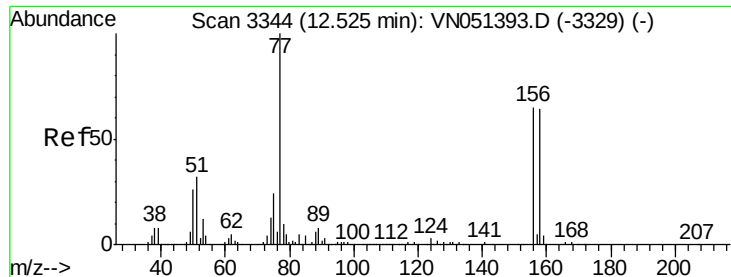
Tgt Ion: 75 Resp: 195159

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#77

Bromobenzene

Concen: 1.413 ug/l

RT: 12.54 min Scan# 3348

Delta R.T. 0.01 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-D

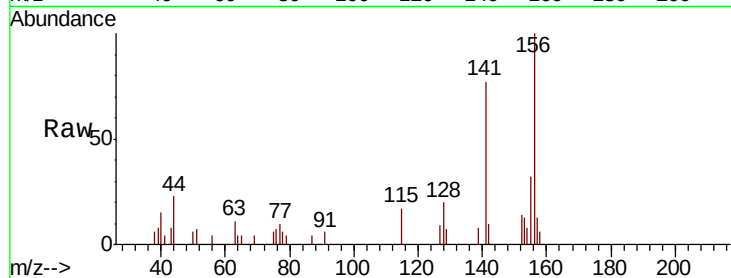
Tot Ion:156 Resp: 10521

Ion Ratio Lower Upper

156 100

77 0.0 89.5 268.4#

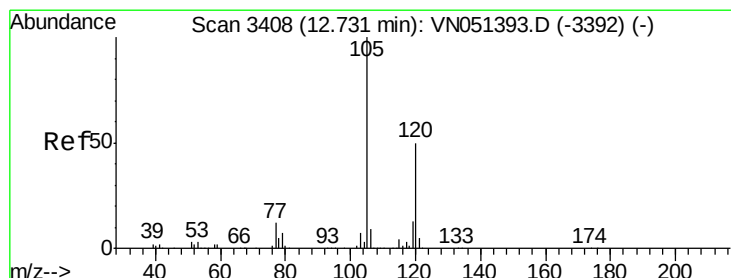
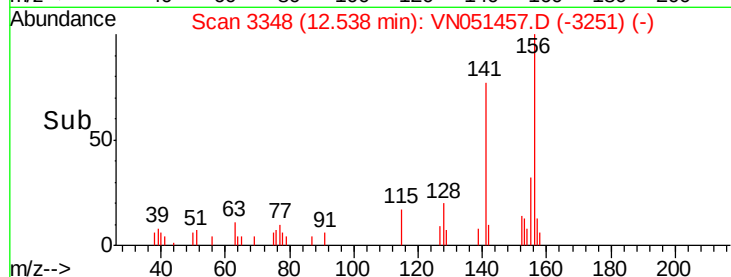
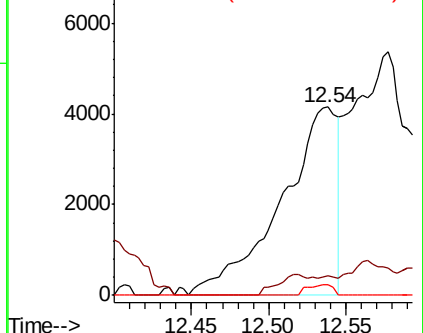
158 2.5 49.4 148.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.437 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051457.D

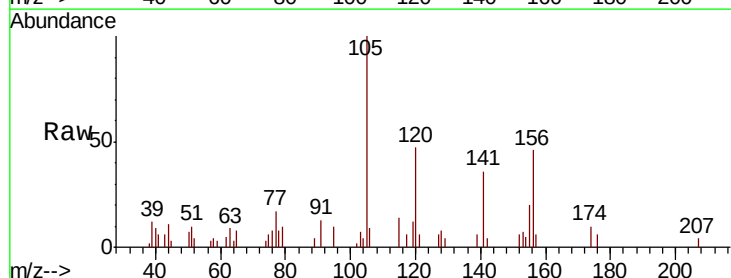
Acq: 24 Sep 2018 13:30

Tgt Ion:105 Resp: 10487

Ion Ratio Lower Upper

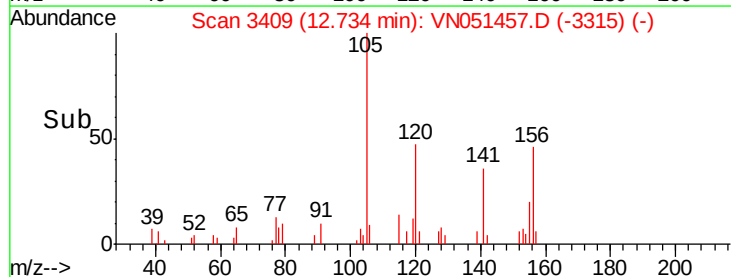
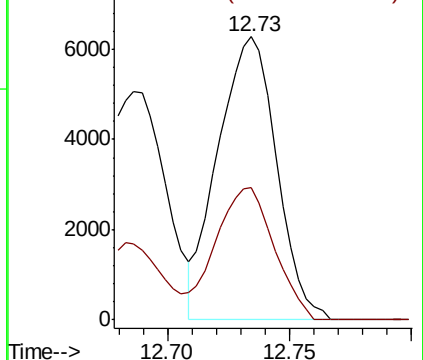
105 100

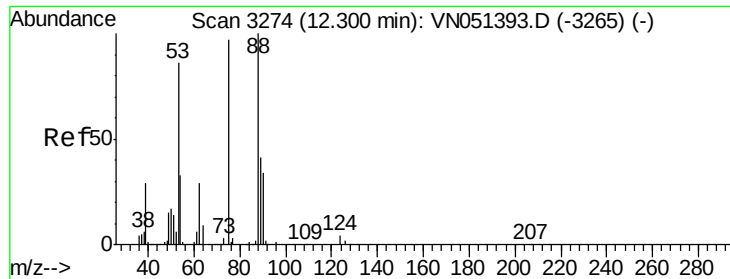
120 47.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 103.702 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-D

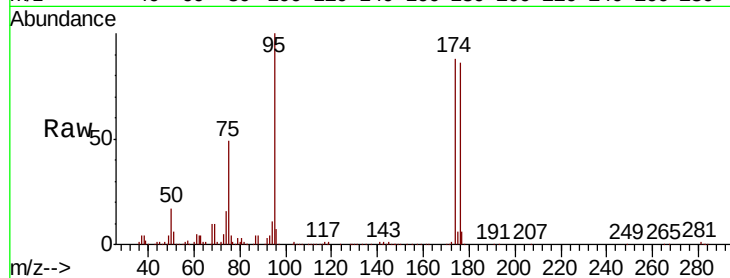
Tot Ion: 75 Resp: 195159

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

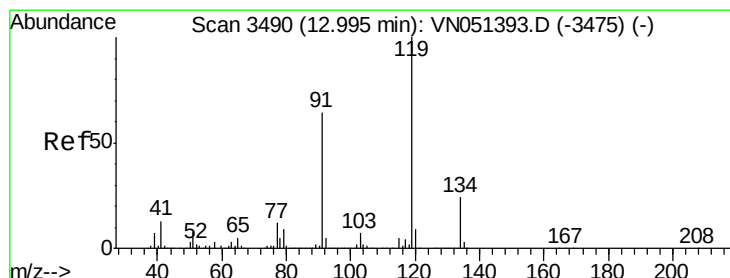
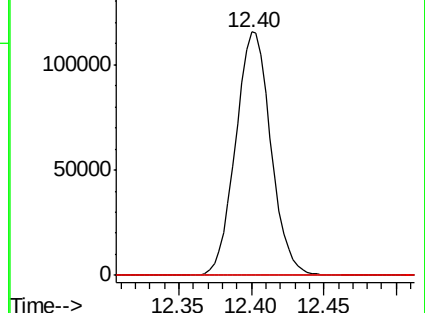
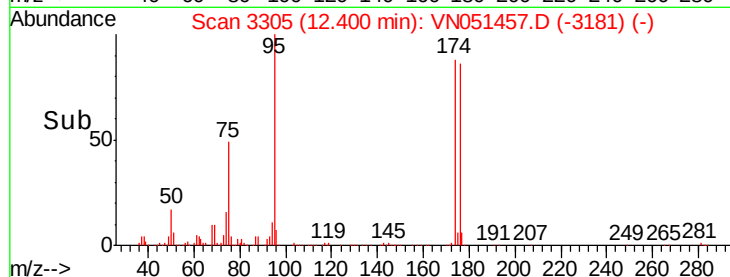
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN051393.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN051393.D (-3265) (-)



#83

tert-Butylbenzene

Concen: 0.241 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN051457.D

Acq: 24 Sep 2018 13:30

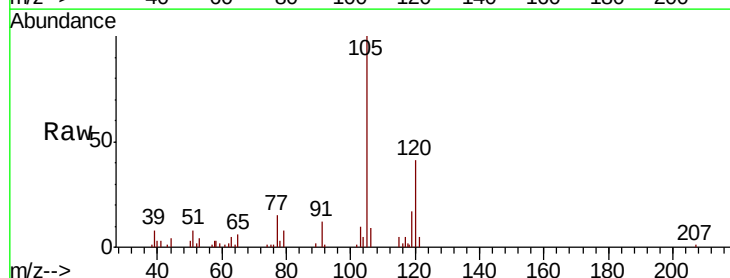
Tgt Ion: 119 Resp: 5153

Ion Ratio Lower Upper

119 100

91 69.9 31.7 95.1

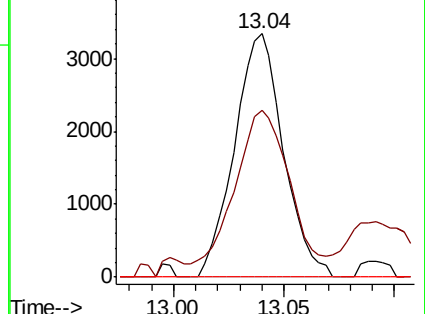
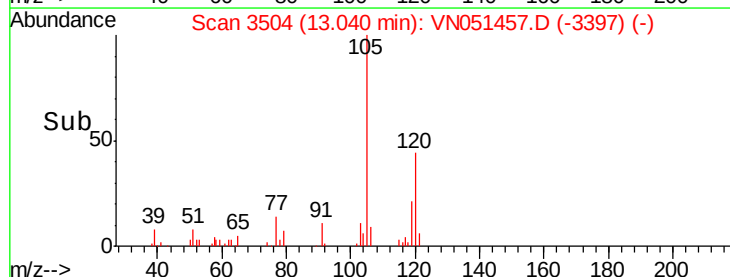
134 0.0 12.3 36.9#

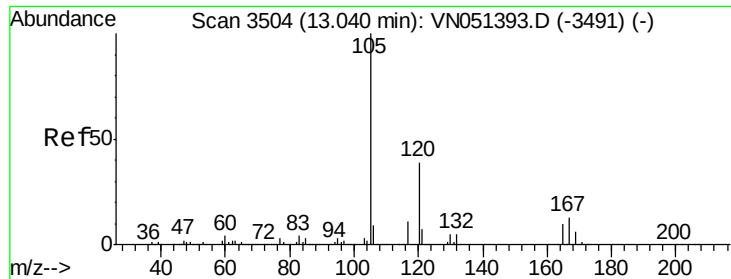


Abundance Ion 119.00 (118.70 to 119.70): VN051393.D (-3475) (-)

Ion 91.00 (90.70 to 91.70): VN051393.D (-3475) (-)

Ion 134.00 (133.70 to 134.70): VN051393.D (-3475) (-)

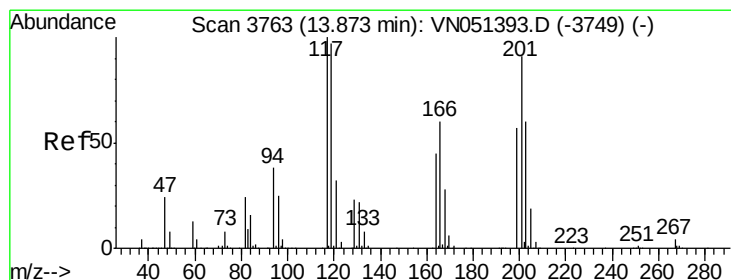
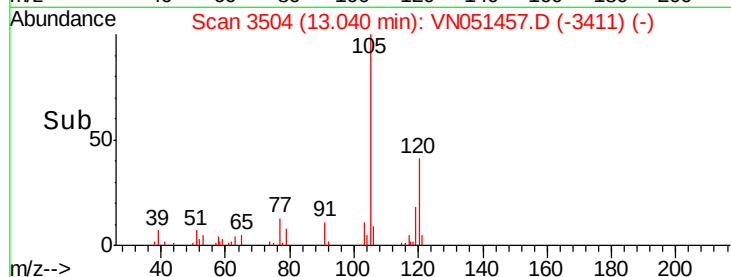
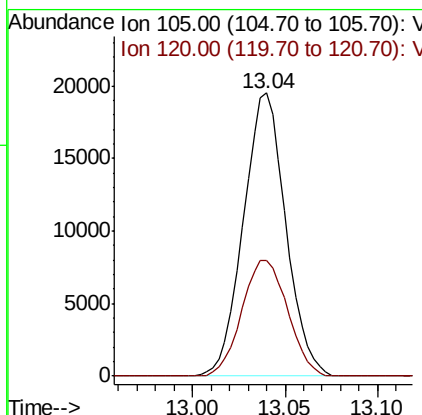
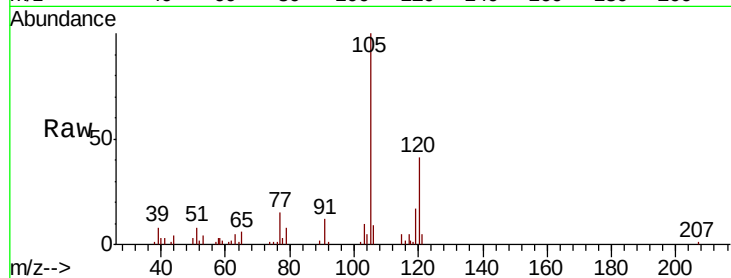




#84
 1,2,4-Trimethylbenzene
 Concen: 1.288 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

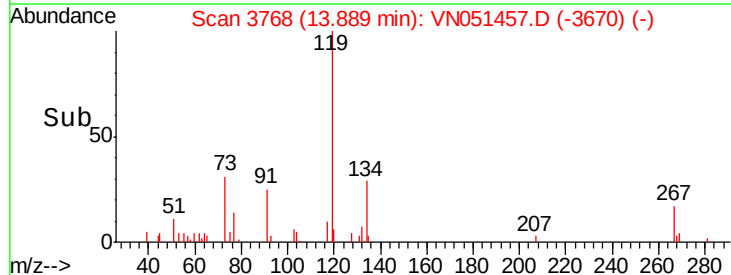
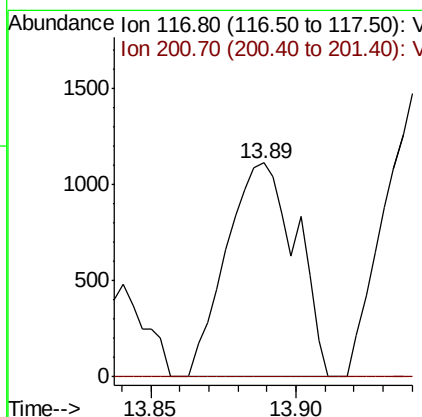
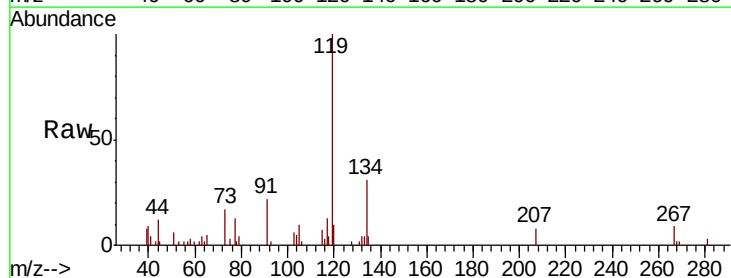
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-D

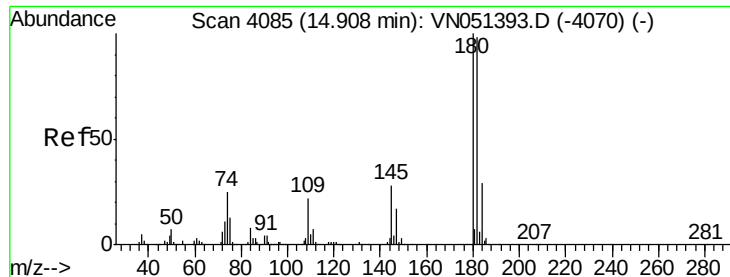
Tot Ion:105 Resp: 31134
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.374 ug/l
 RT: 13.89 min Scan# 3768
 Delta R.T. 0.02 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

Tgt Ion:117 Resp: 1863
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.5 136.4#

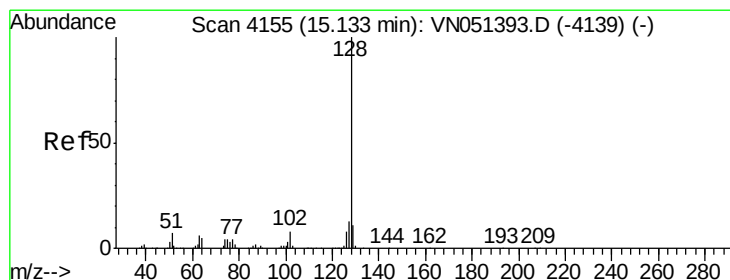
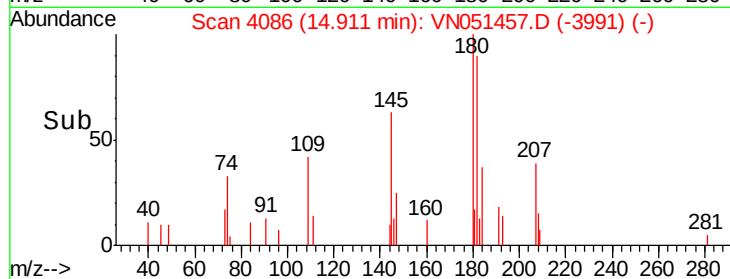
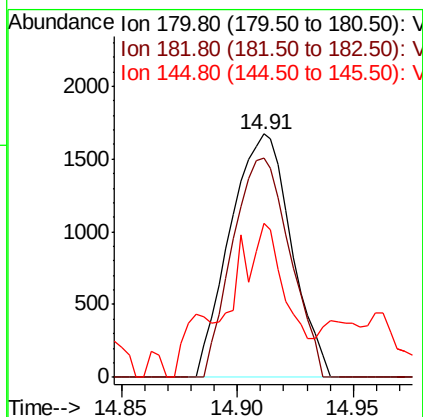
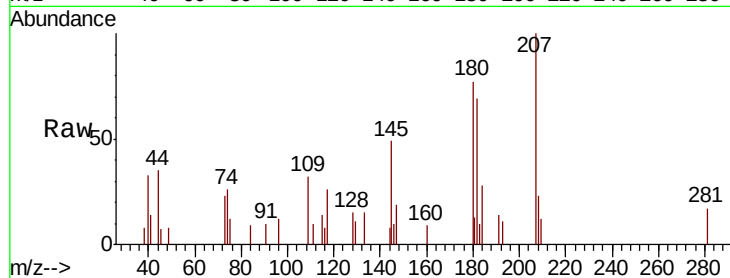




#93
 1,2,4-Trichlorobenzene
 Concen: 6.382 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-D

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.6	48.5	145.6
145	32.0	14.1	42.4



#95
 Naphthalene
 Concen: 21.390 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051457.D
 Acq: 24 Sep 2018 13:30

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.8	8.6	12.8

