

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051255.D
 Acq On : 16 Sep 2018 5:24
 Operator : MD\SY
 Sample : J4773-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 04:27:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	417213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	654519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	151559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	227091	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	243415	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	10.09	98	833231	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	
62) 4-Bromofluorobenzene	12.40	95	205711	33.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.64%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	1635	Below Cal		99
5) Bromomethane	2.57	94	1909	Below Cal		83
16) Acetone	3.83	43	10872	3.72	ug/l #	88
18) Methyl Acetate	4.34	43	10531	2.83	ug/l	91
20) Methylene Chloride	4.55	84	127677	24.89	ug/l	99
25) 2-Butanone	6.85	43	519	0.28	ug/l #	55
28) Bromochloromethane	7.37	49	1489	0.39	ug/l #	7
29) Tetrahydrofuran	7.22	42	484	0.42	ug/l #	52
30) Chloroform	7.37	83	19653	2.31	ug/l	98
31) Cyclohexane	7.67	56	6676	0.65	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	26624	3.70	ug/l #	48
38) Carbon Tetrachloride	7.67	117	36489	5.16	ug/l #	16
43) Isopropyl Acetate	8.17	43	190574	25.95	ug/l #	79
47) Bromodichloromethane	9.40	83	5368	0.77	ug/l	96
48) Methyl methacrylate	9.18	41	4461	1.25	ug/l #	14
51) 4-Methyl-2-Pentanone	9.99	43	986	0.24	ug/l #	67
52) Toluene	10.16	92	4533	0.34	ug/l	97
56) Ethyl methacrylate	10.23	69	974	2.60	ug/l #	86
59) 2-Hexanone	10.77	43	8502	3.09	ug/l #	57
60) Dibromochloromethane	10.90	129	1106	0.20	ug/l	99
67) Ethyl Benzene	11.51	91	9284	0.44	ug/l	89
68) m/p-Xylenes	11.62	106	7291	0.90	ug/l	94
69) o-Xylene	11.95	106	2894	0.37	ug/l	96
70) Styrene	11.97	104	2563	0.21	ug/l #	82
71) Bromoform	12.39	173	820	0.25	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	95229	40.24	ug/l #	100
78) n-propylbenzene	12.59	91	2885	0.21	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	5623	0.55	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	95229	119.33	ug/l #	15
83) tert-Butylbenzene	13.04	119	2573	0.28	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	16606	1.64	ug/l	100
90) Hexachloroethane	13.90	117	757	Below Cal	#	2
93) 1,2,4-Trichlorobenzene	14.90	180	943	4.30	ug/l	92
95) Naphthalene	15.13	128	50007	13.18	ug/l	99

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Response via : Initial Calibration

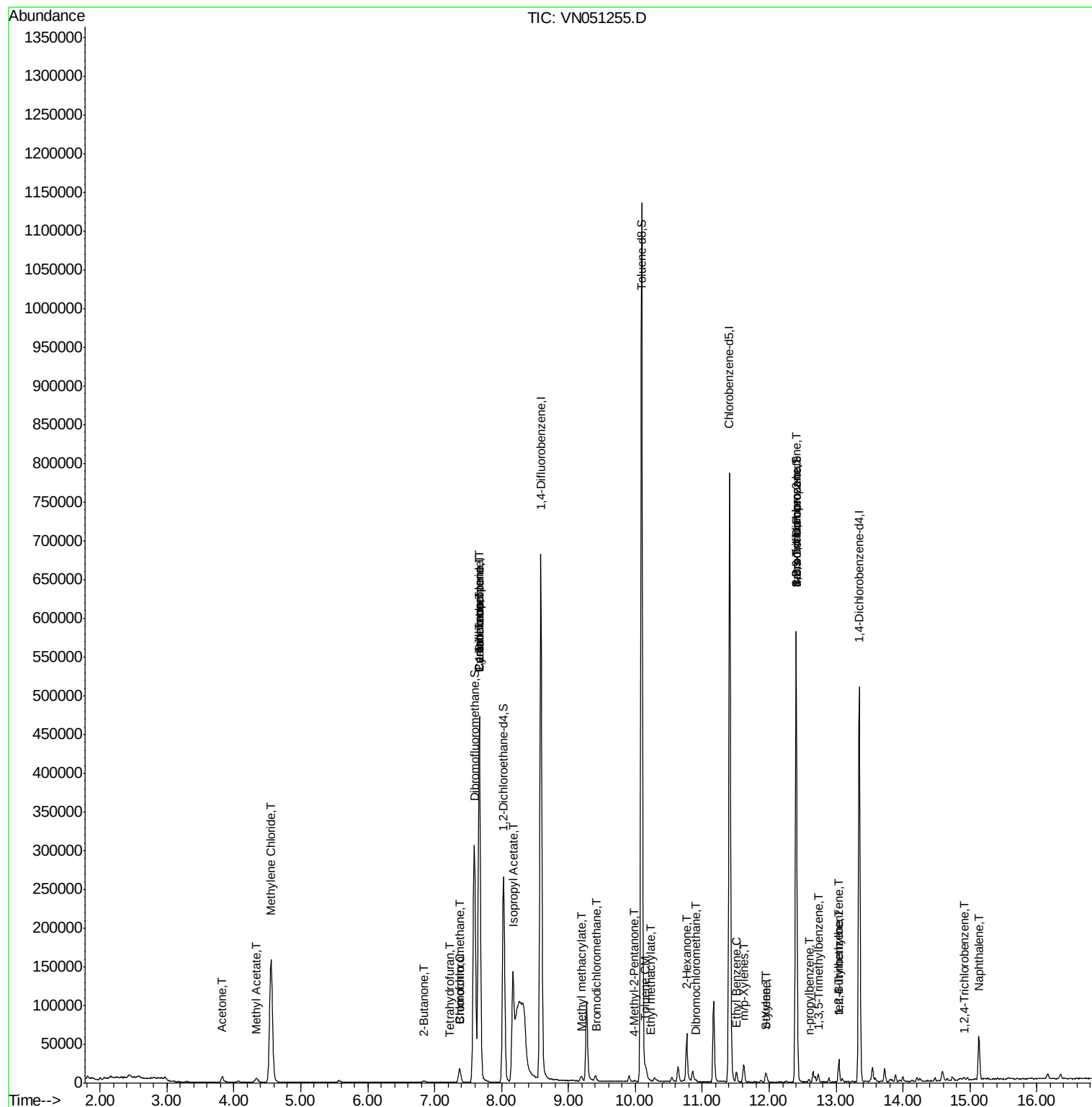
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

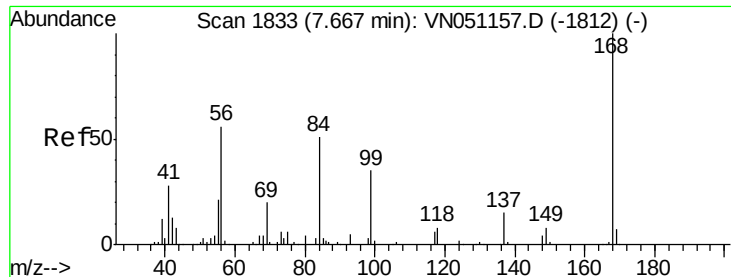
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091518\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

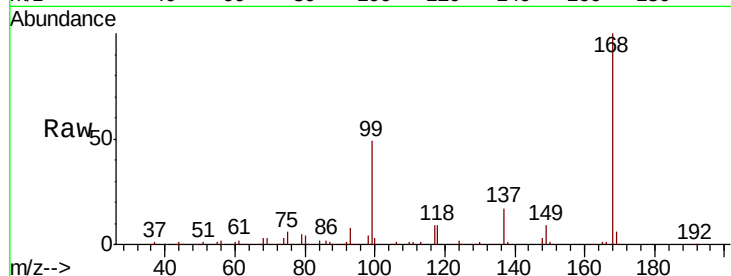
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 417213

Ion Ratio Lower Upper

168 100

99 49.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

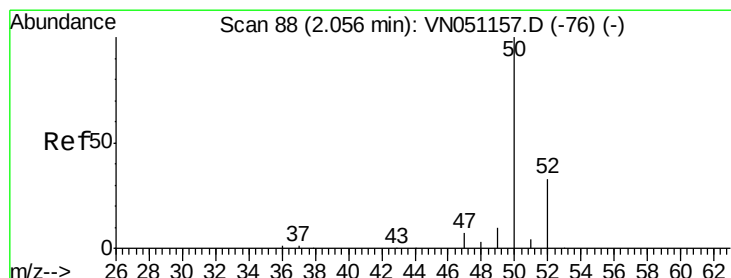
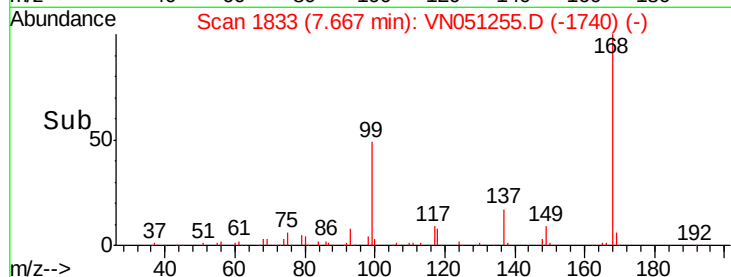
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051255.D

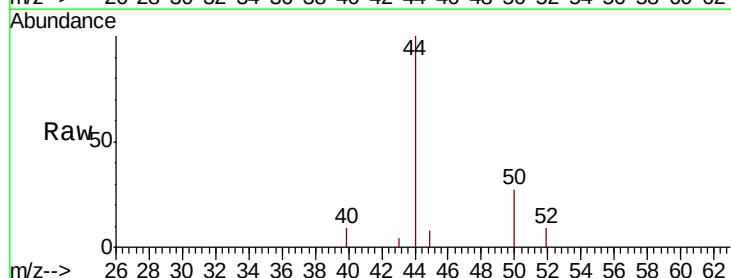
Acq: 16 Sep 2018 5:24

Tgt Ion: 50 Resp: 1635

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

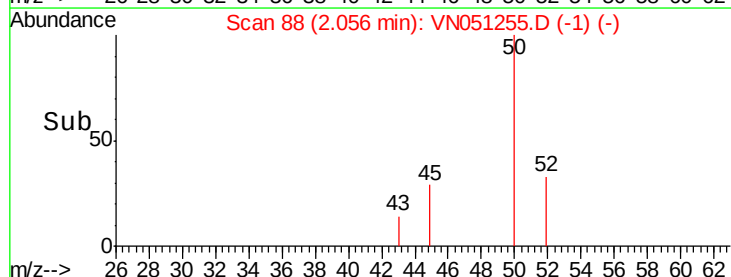
1500

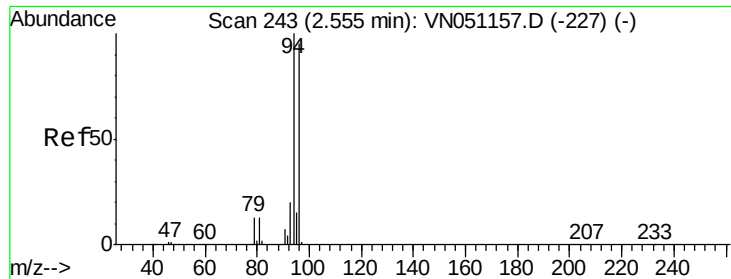
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

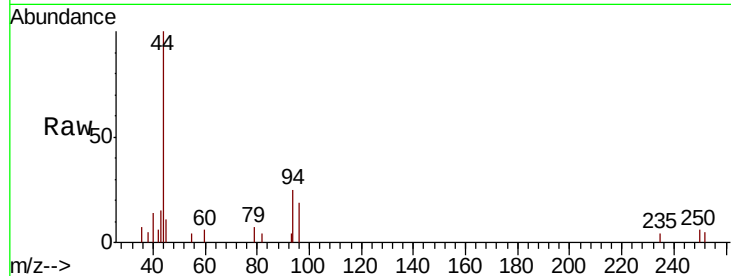
ClientSampled :

Tot Ion: 94 Resp: 1909

Ion Ratio Lower Upper

94 100

96 78.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

1000

800

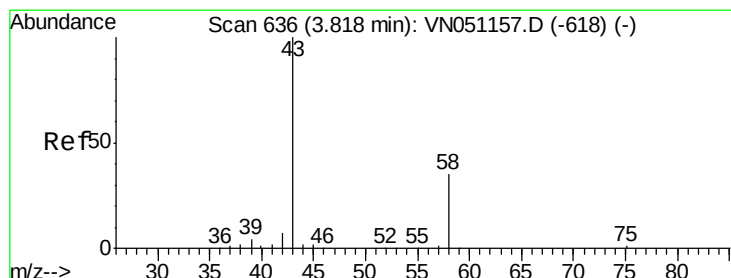
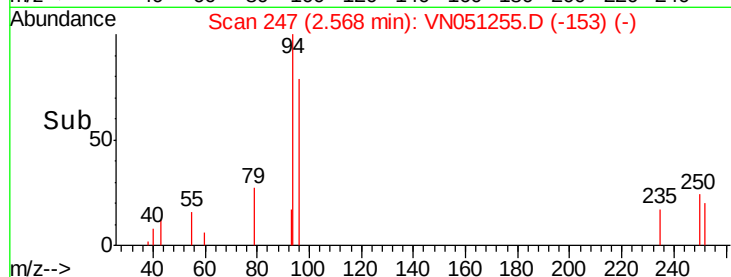
600

400

200

0

Time--> 2.50



#16

Acetone

Concen: 3.72 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051255.D

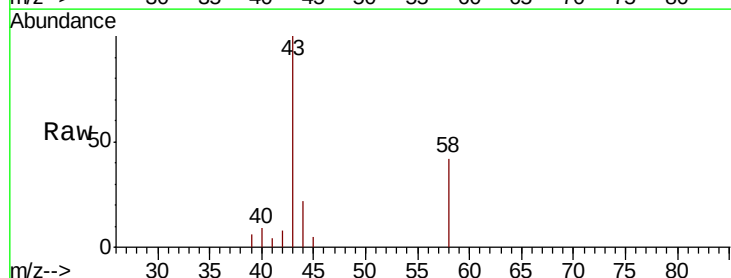
Acq: 16 Sep 2018 5:24

Tgt Ion: 43 Resp: 10872

Ion Ratio Lower Upper

43 100

58 41.9 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

5000

4000

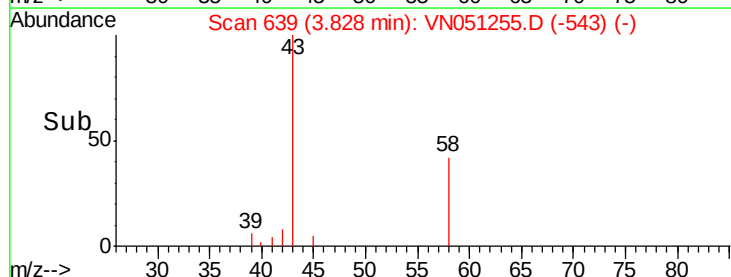
3000

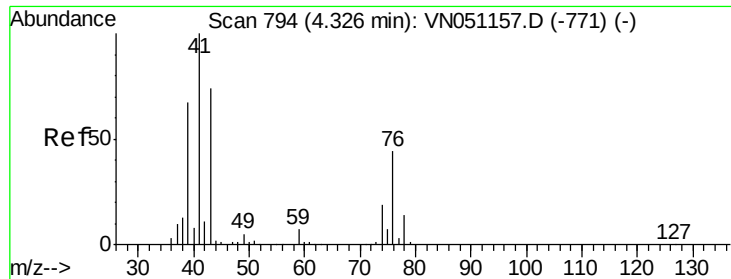
2000

1000

0

Time--> 3.75

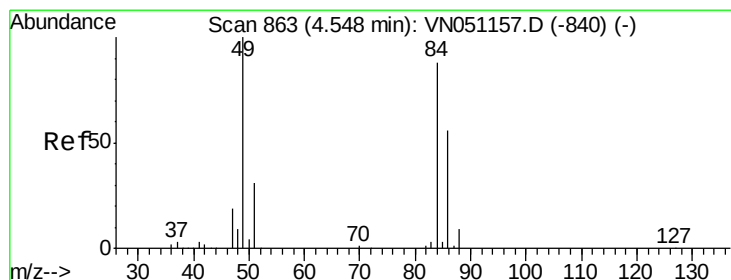
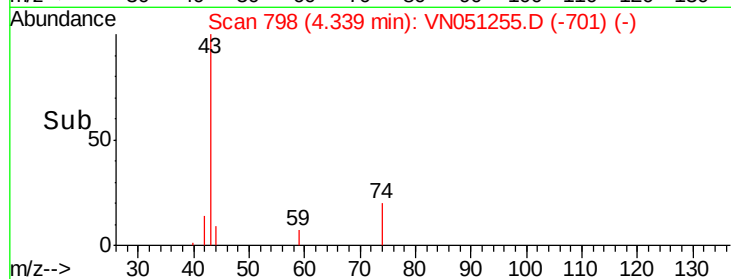
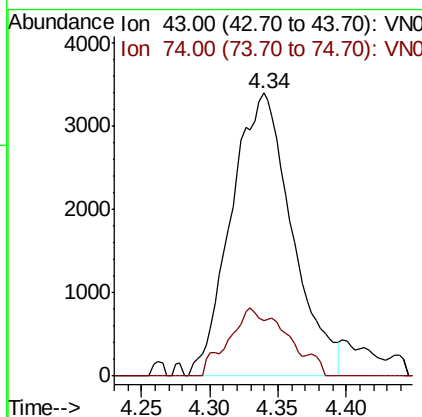
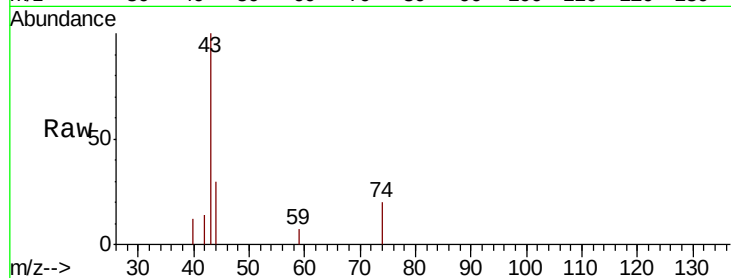




#18
Methyl Acetate
Concen: 2.83 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

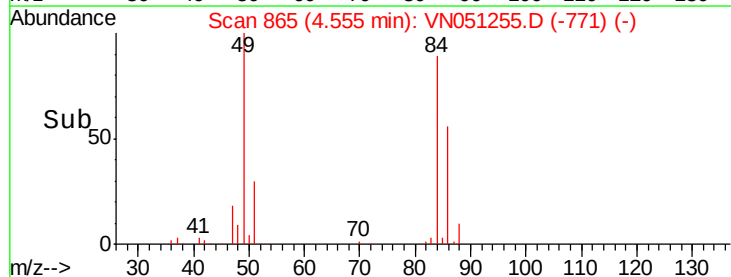
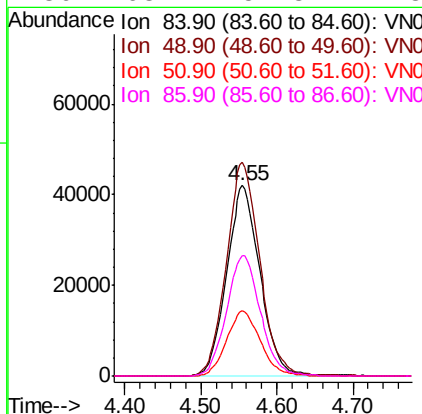
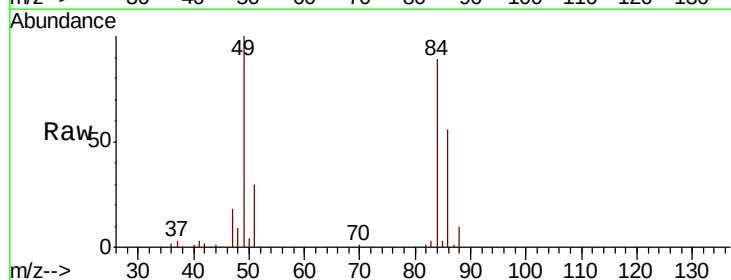
Instrument :
MSVOA_N
ClientSampled :

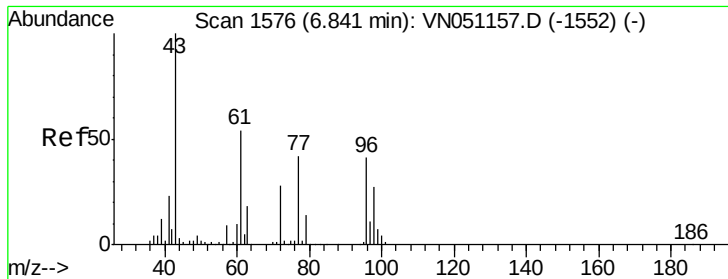
Tot Ion: 43 Resp: 10531
Ion Ratio Lower Upper
43 100
74 21.5 20.7 31.1



#20
Methylene Chloride
Concen: 24.89 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion: 84 Resp: 127677
Ion Ratio Lower Upper
84 100
49 112.1 90.2 135.2
51 34.2 28.4 42.6
86 63.1 51.8 77.8





#25

2-Butanone

Concen: 0.28 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

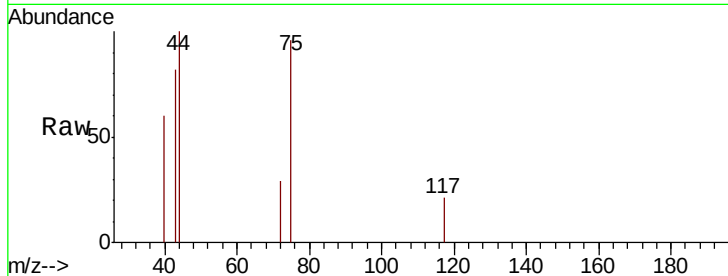
ClientSampleId :

Tot Ion: 43 Resp: 519

Ion Ratio Lower Upper

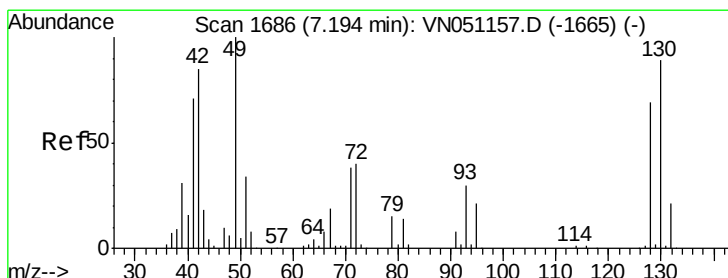
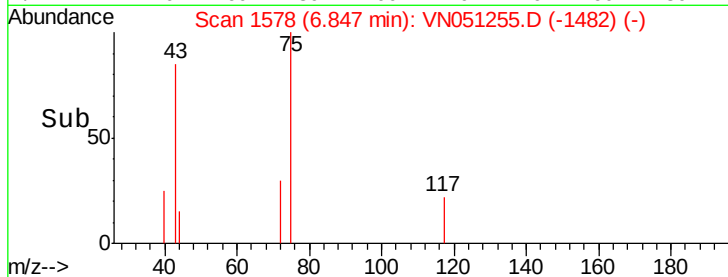
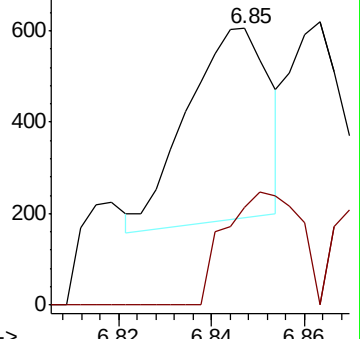
43 100

72 52.8 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#28

Bromochloromethane

Concen: 0.39 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.18 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

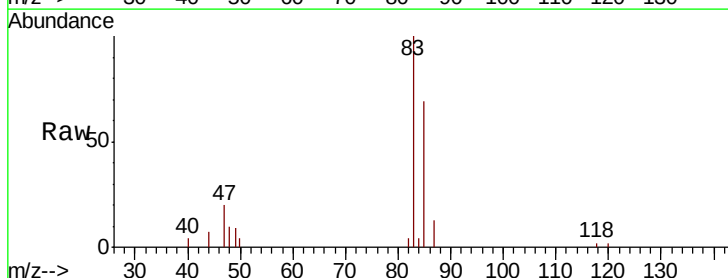
Tgt Ion: 49 Resp: 1489

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

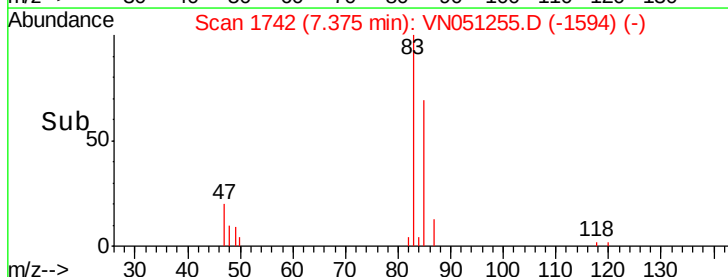
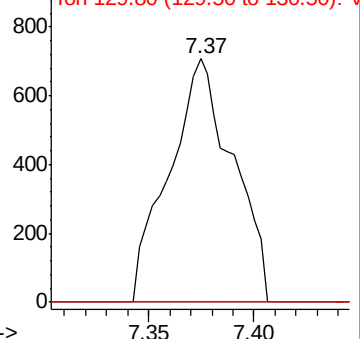
130 0.0 70.7 106.1#

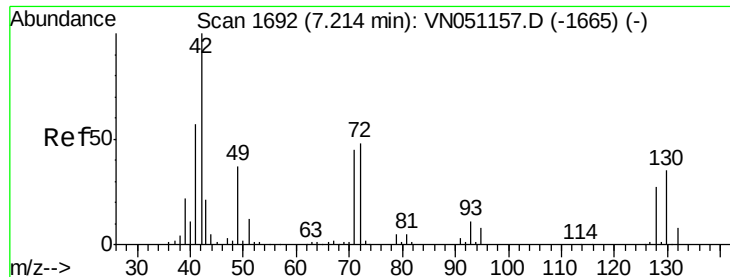


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.42 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

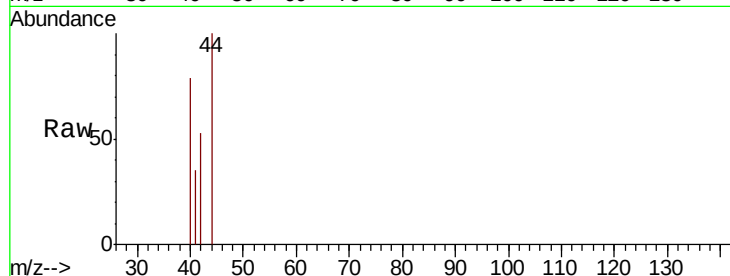
Tot Ion: 42 Resp: 484

Ion Ratio Lower Upper

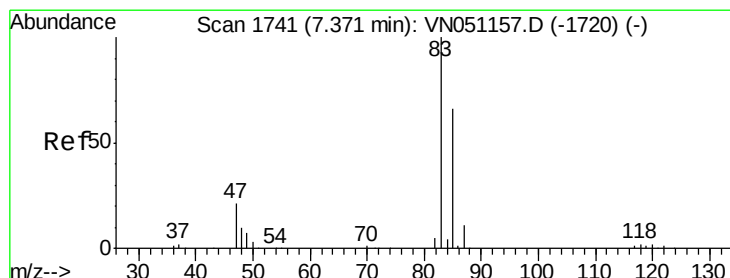
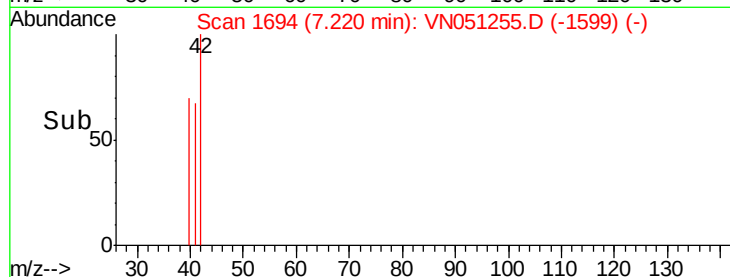
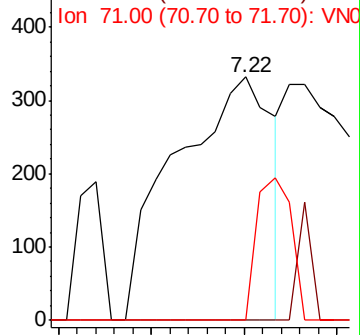
42 100

72 6.4 37.4 56.0#

71 21.3 34.7 52.1#



Abundance Ion 42.00 (41.70 to 42.70): VN051157.D (-1665) (-)



#30

Chloroform

Concen: 2.31 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051255.D

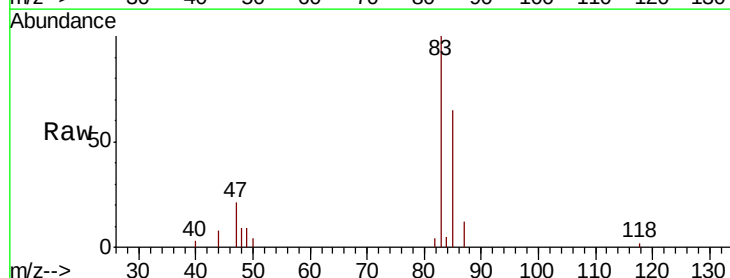
Acq: 16 Sep 2018 5:24

Tgt Ion: 83 Resp: 19653

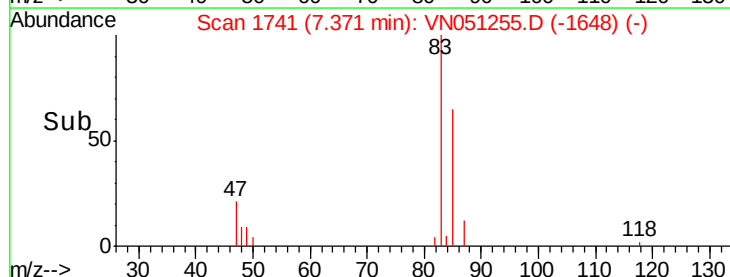
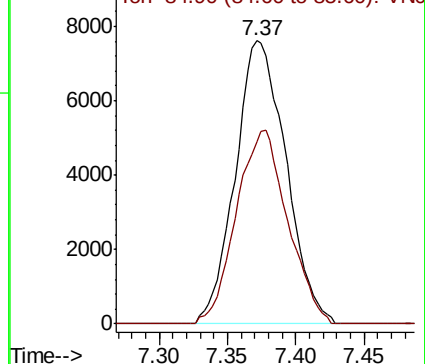
Ion Ratio Lower Upper

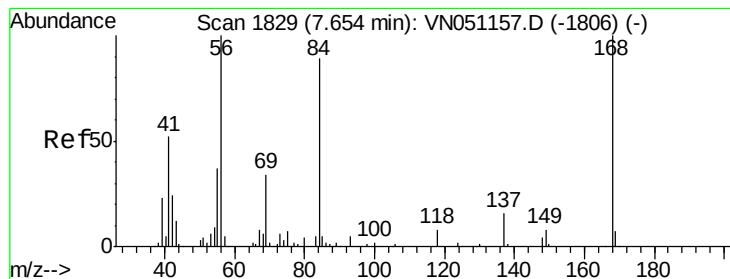
83 100

85 64.6 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-1720) (-)





#31

Cyclohexane

Concen: 0.65 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampled :

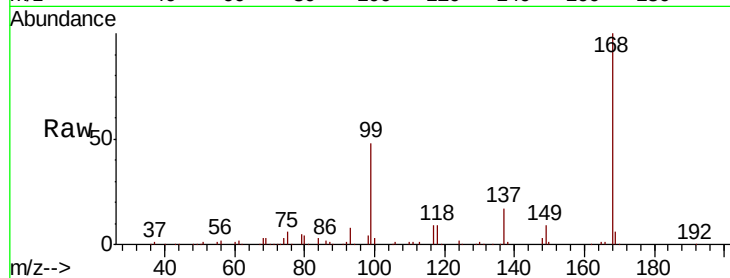
Tot Ion: 56 Resp: 6676

Ion Ratio Lower Upper

56 100

69 215.3 26.3 39.5#

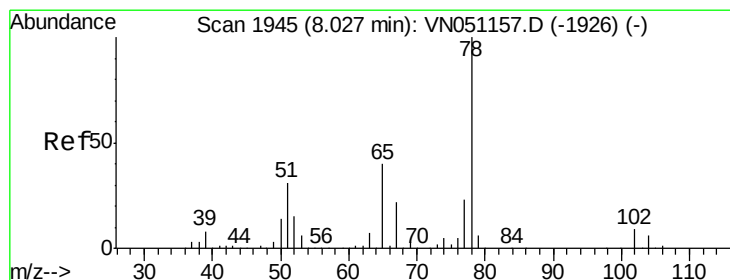
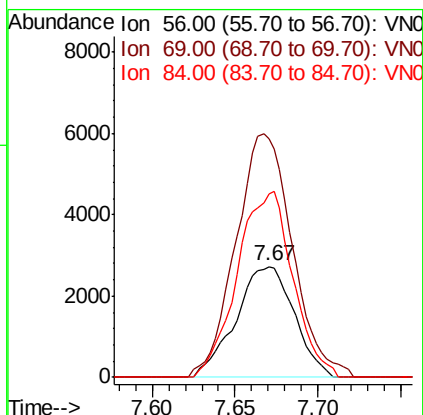
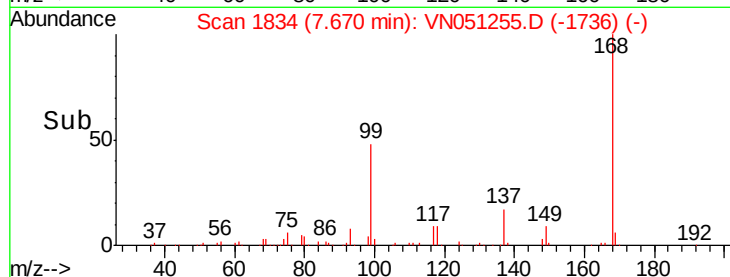
84 165.1 69.4 104.0#



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: 48.91 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051255.D

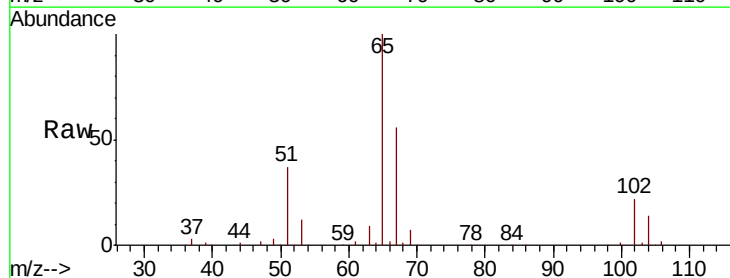
Acq: 16 Sep 2018 5:24

Tgt Ion: 65 Resp: 227091

Ion Ratio Lower Upper

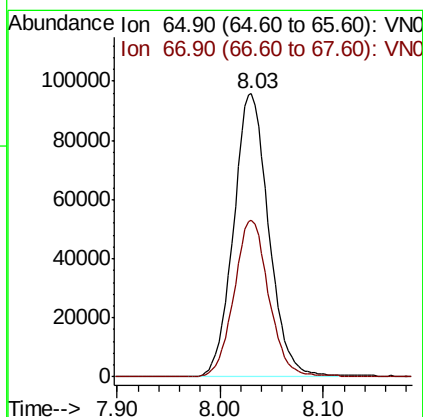
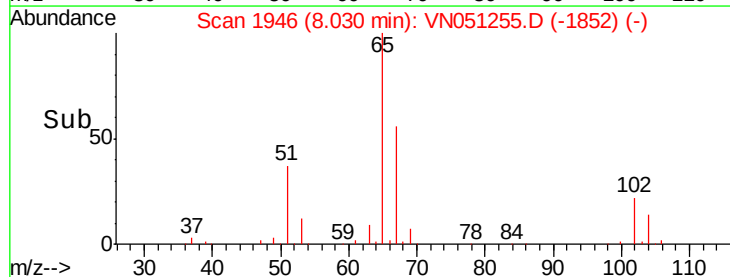
65 100

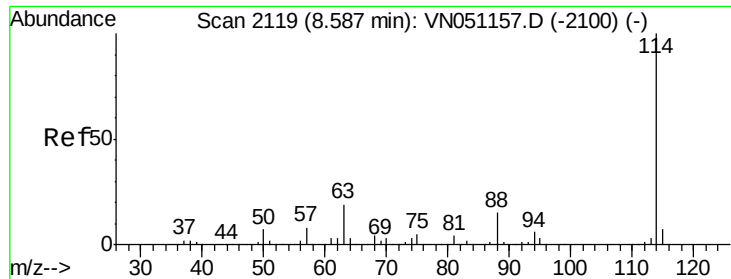
67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

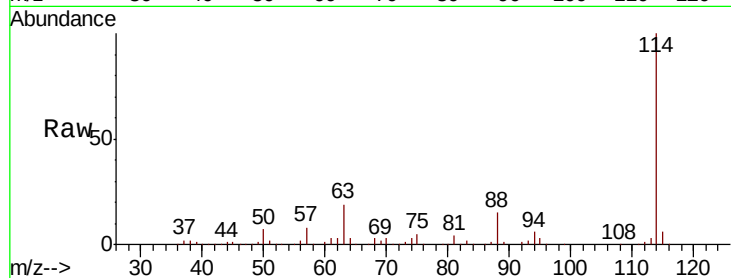




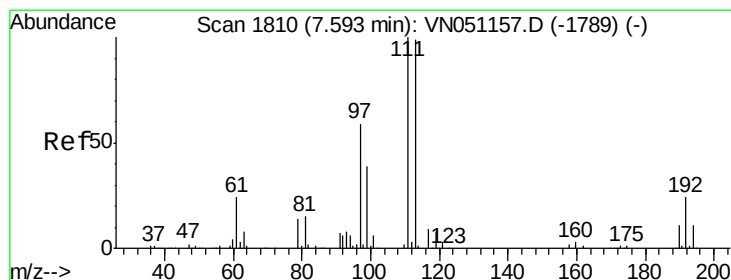
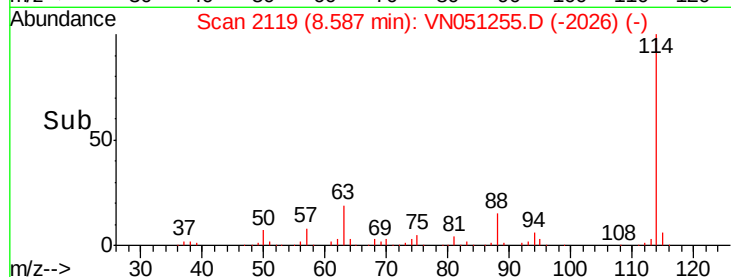
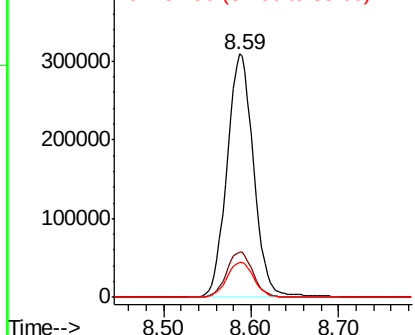
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 654519
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.8
88 14.6 0.0 30.8

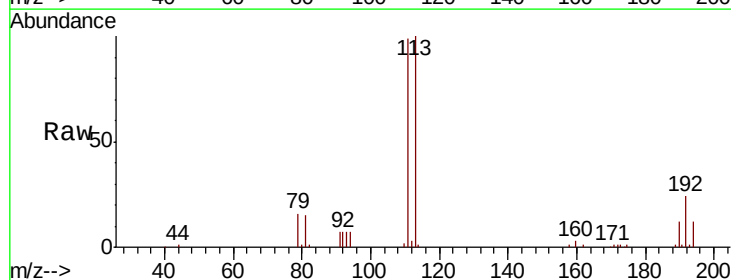


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

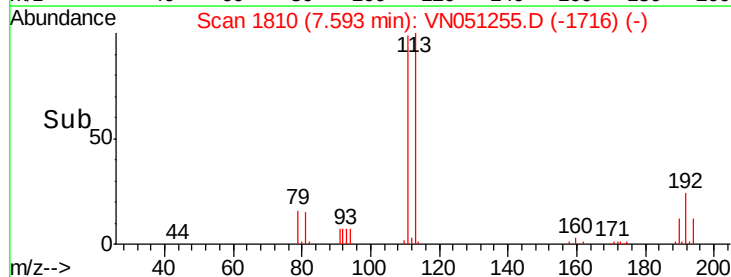
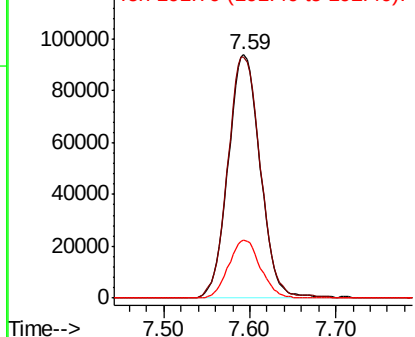


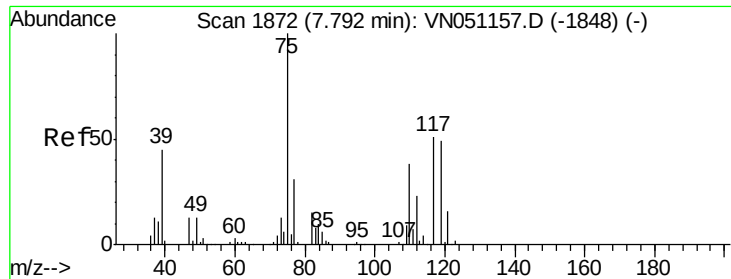
#35
Dibromofluoromethane
Concen: 49.49 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion:113 Resp: 243415
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 23.8 18.7 28.1



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

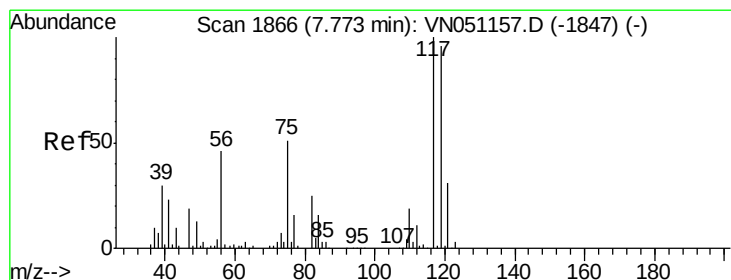
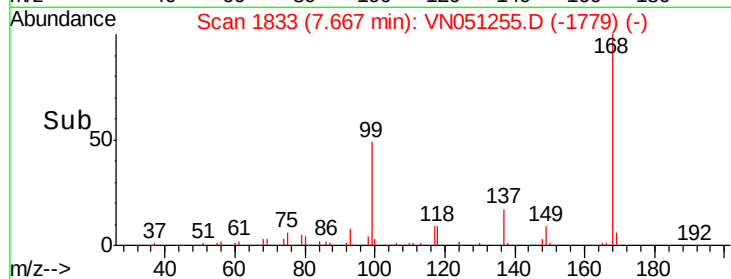
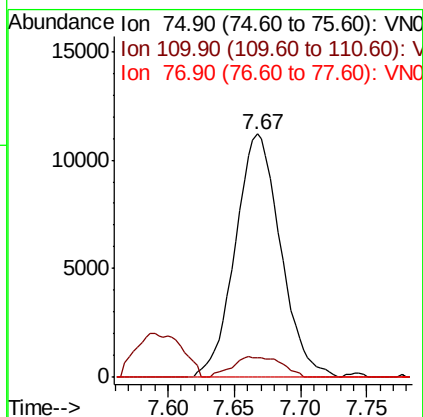
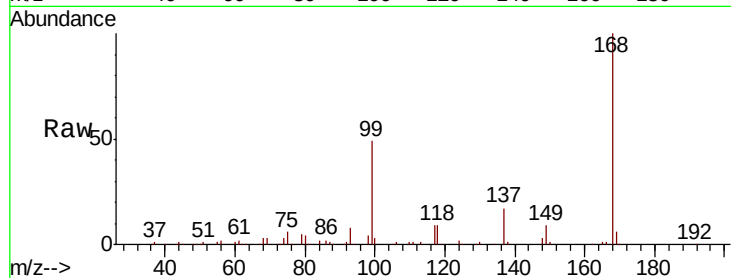




#36
 1,1-Dichloropropene
 Concen: 3.70 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051255.D
 Acq: 16 Sep 2018 5:24

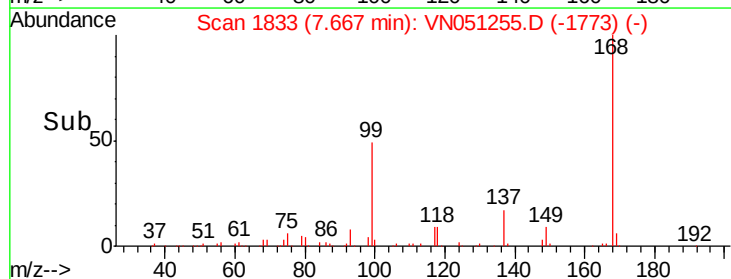
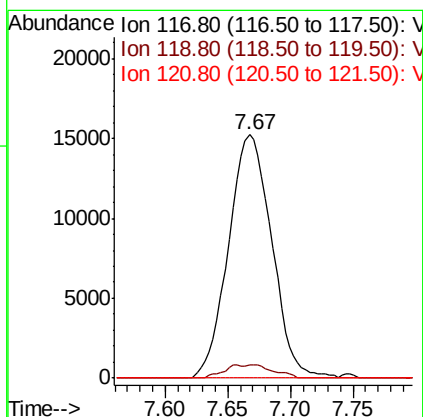
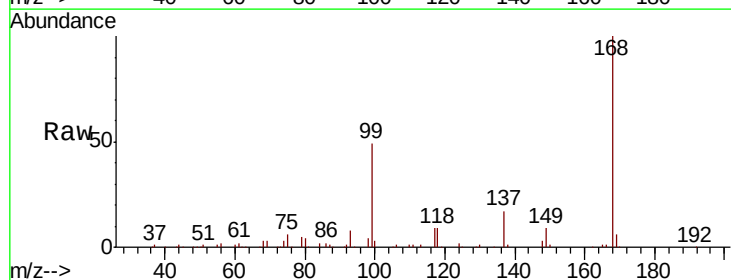
Instrument :
 MSVOA_N
 ClientSampled :

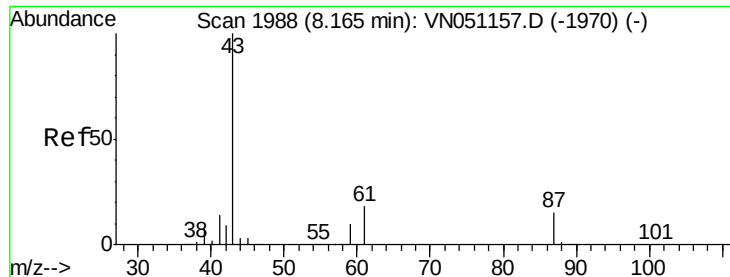
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.16 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051255.D
 Acq: 16 Sep 2018 5:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.8	115.2#
121	0.0	24.6	36.8#



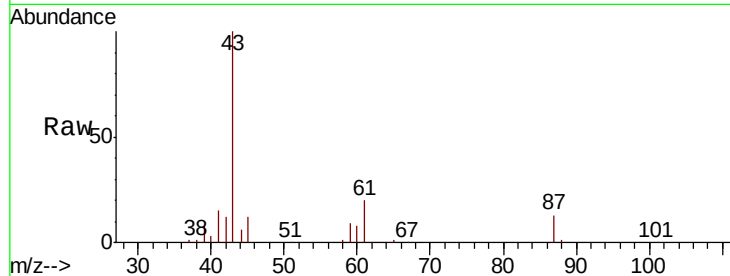


#43

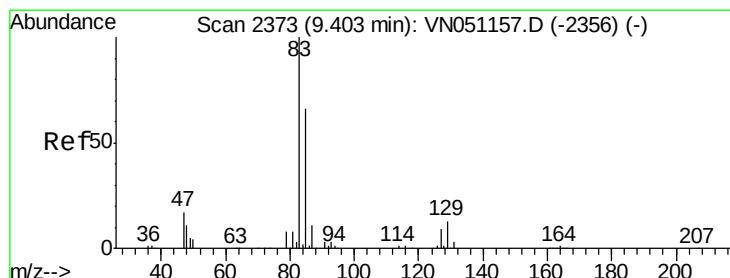
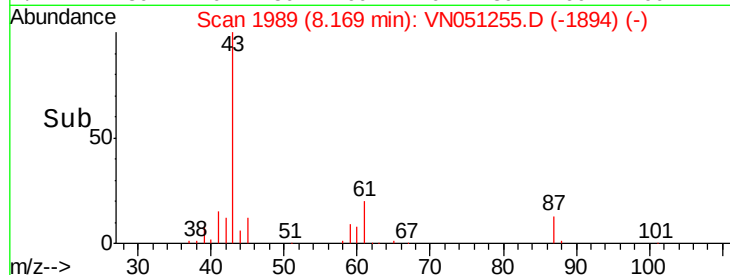
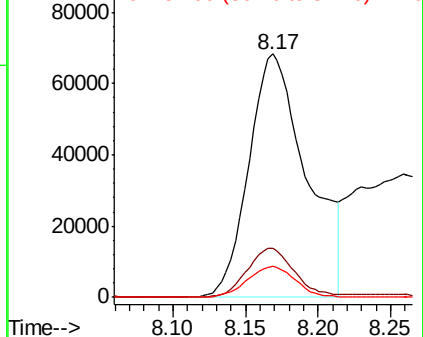
Isopropyl Acetate
 Concen: 25.95 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051255.D
 Acq: 16 Sep 2018 5:24

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 190574
 Ion Ratio Lower Upper
 43 100
 61 16.9 25.0 37.6#
 87 10.5 11.8 17.8#



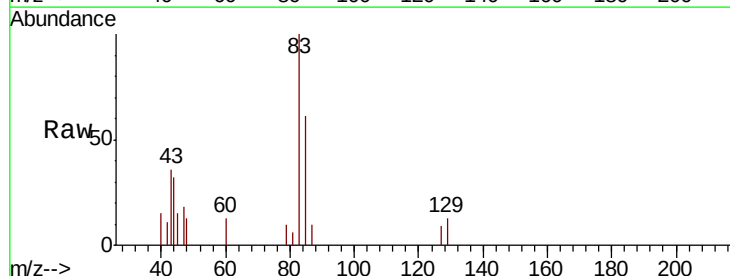
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



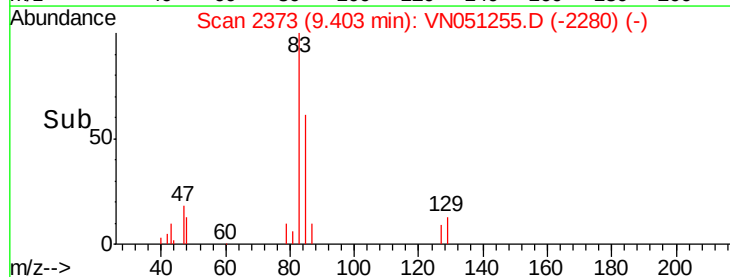
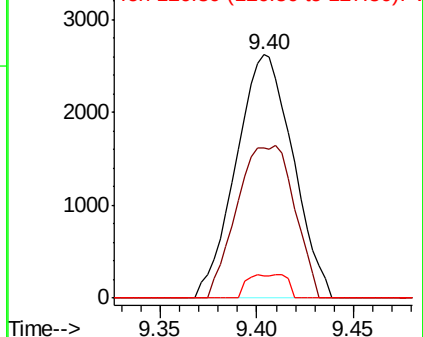
#47

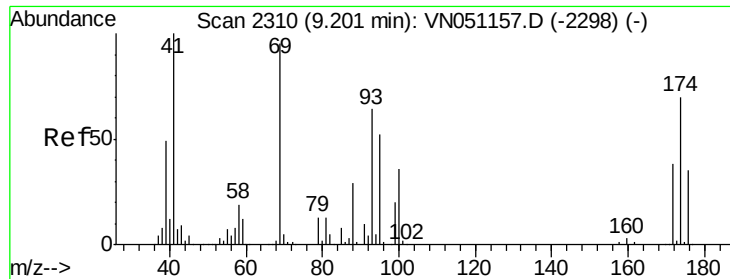
Bromodichloromethane
 Concen: 0.77 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN051255.D
 Acq: 16 Sep 2018 5:24

Tgt Ion: 83 Resp: 5368
 Ion Ratio Lower Upper
 83 100
 85 61.4 52.3 78.5
 127 9.3 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

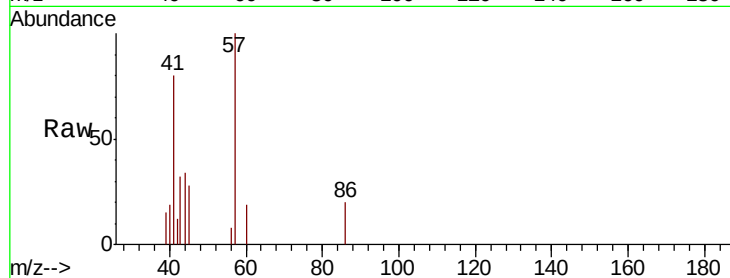




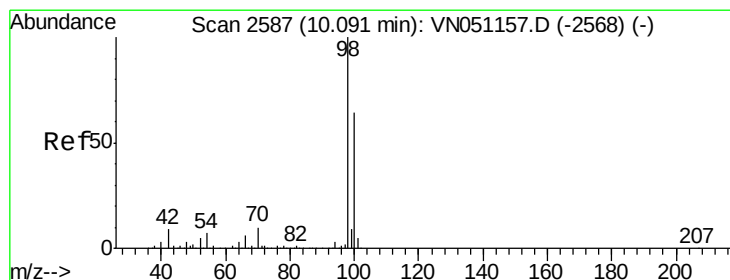
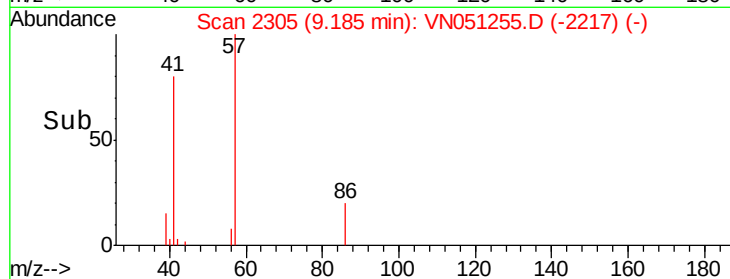
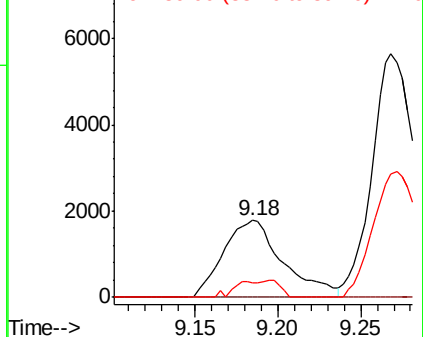
#48
Methvl methacrylate
Concen: 1.25 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 4461
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 8.7 41.6 62.4#

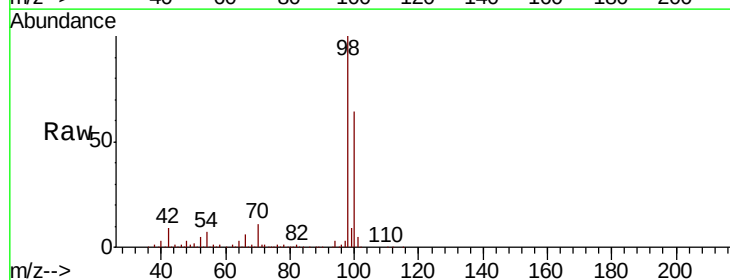


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

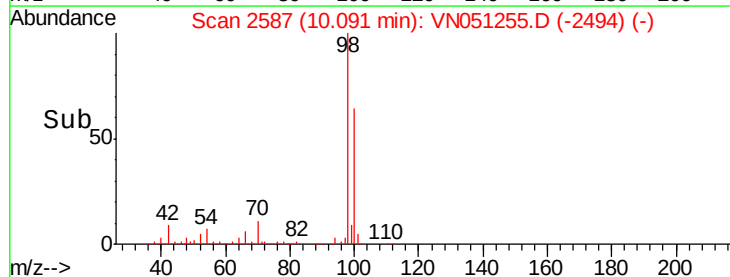
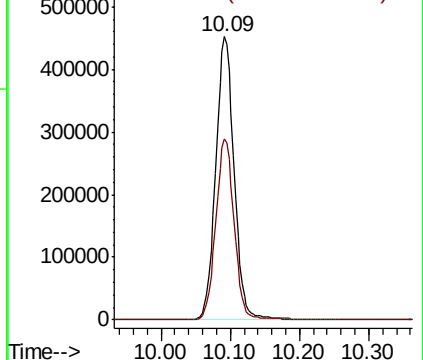


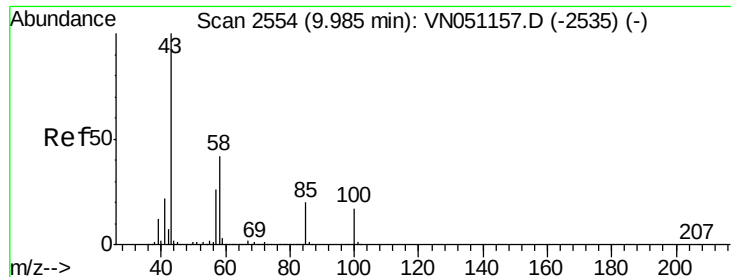
#50
Toluene-d8
Concen: 44.65 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion: 98 Resp: 833231
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



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: 0.24 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

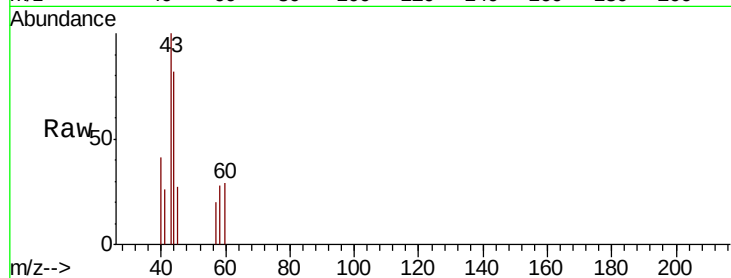
ClientSampled :

Tot Ion: 43 Resp: 986

Ion Ratio Lower Upper

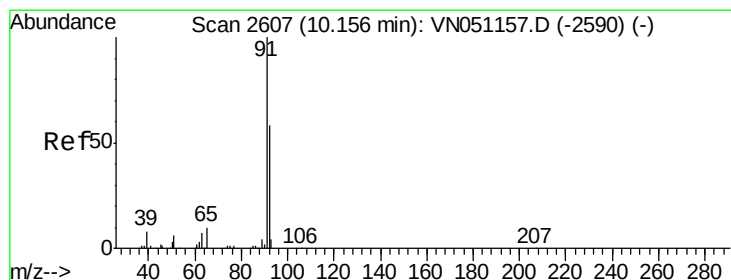
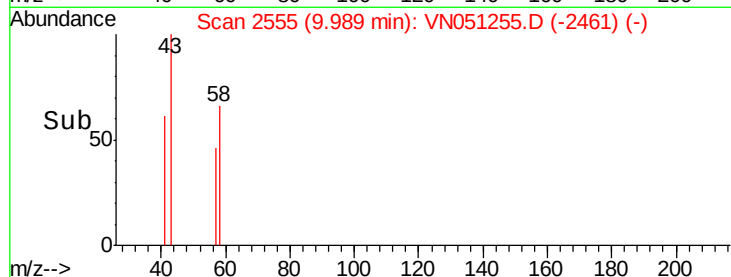
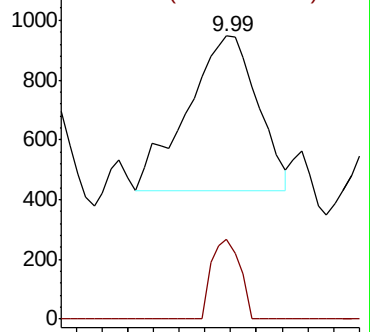
43 100

58 21.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.34 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051255.D

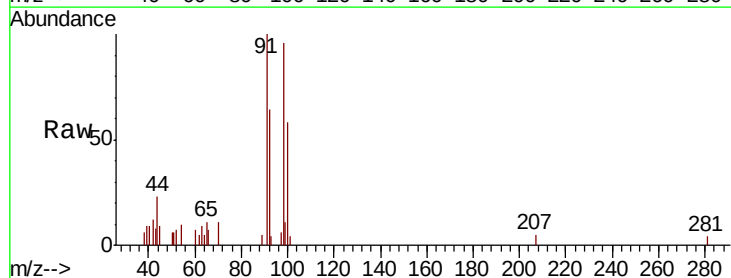
Acq: 16 Sep 2018 5:24

Tgt Ion: 92 Resp: 4533

Ion Ratio Lower Upper

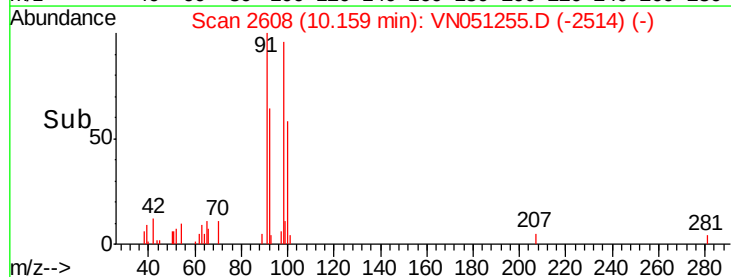
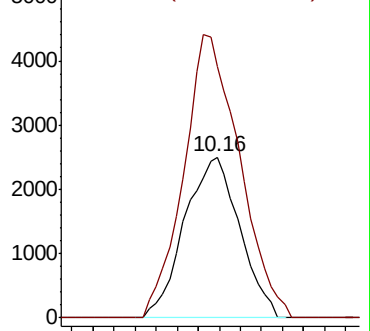
92 100

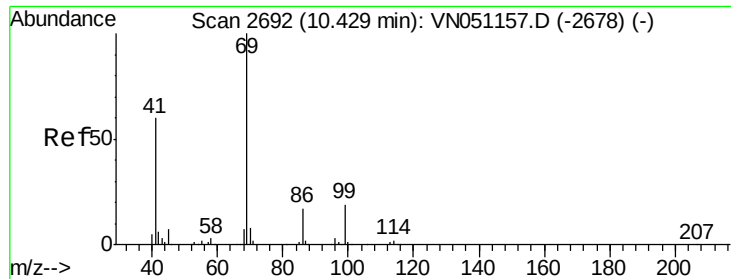
91 178.2 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

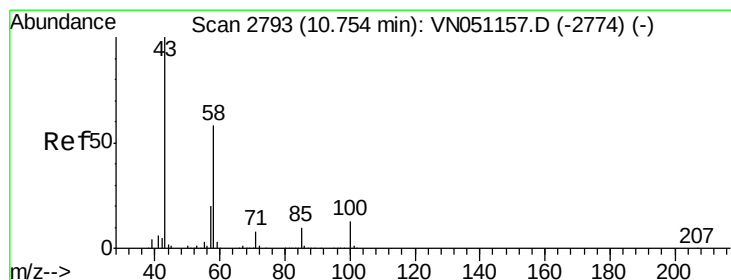
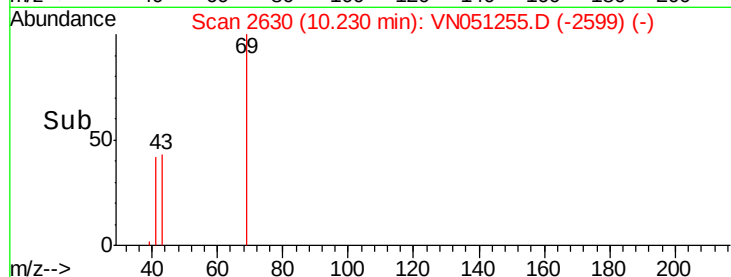
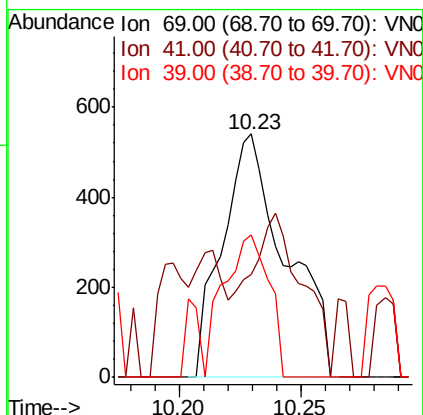
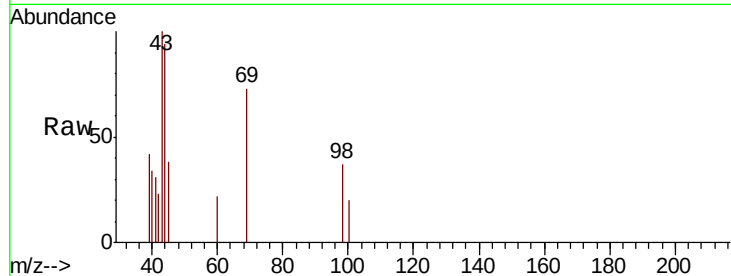




#56
Ethyl methacrylate
Concen: 2.60 ug/l
RT: 10.23 min Scan# 2630
Delta R.T. -0.20 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

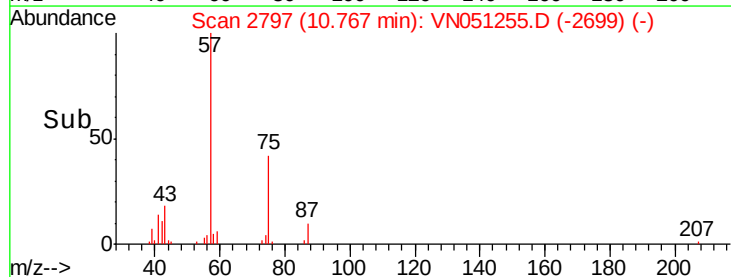
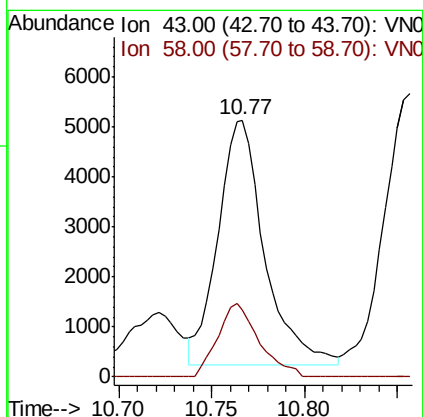
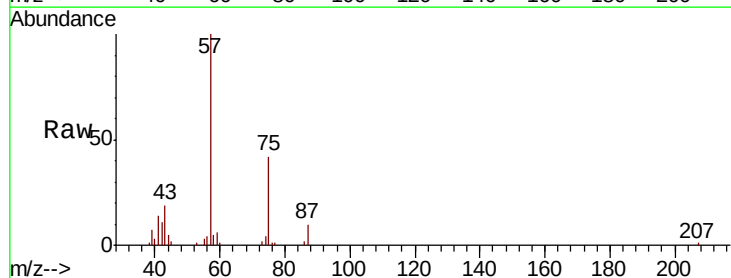
Instrument :
MSVOA_N
ClientSampleId :

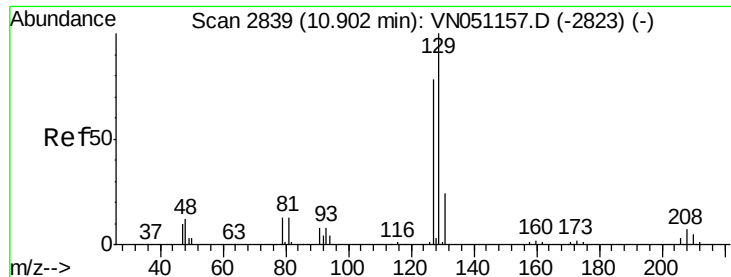
Tot Ion: 69 Resp: 974
Ion Ratio Lower Upper
69 100
41 53.7 47.8 71.8
39 42.0 23.0 34.4#



#59
2-Hexanone
Concen: 3.09 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion: 43 Resp: 8502
Ion Ratio Lower Upper
43 100
58 26.7 29.3 88.0#

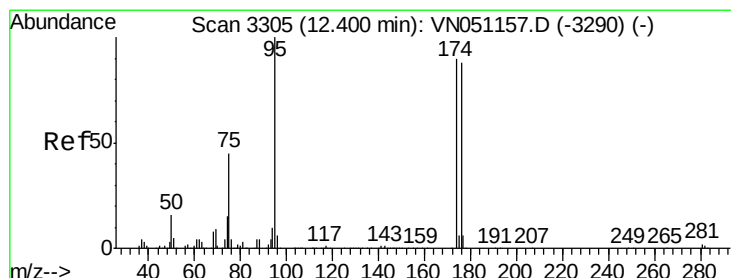
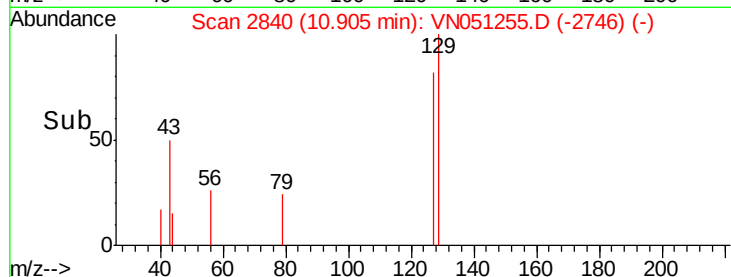
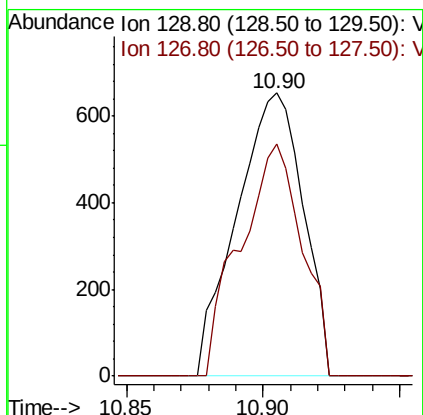
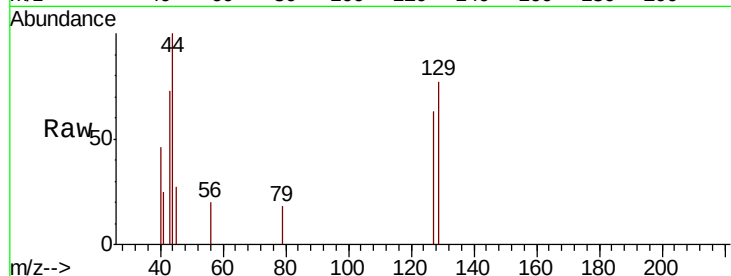




#60
 Dibromochloromethane
 Concen: 0.20 ug/l
 RT: 10.90 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN051255.D
 Acq: 16 Sep 2018 5:24

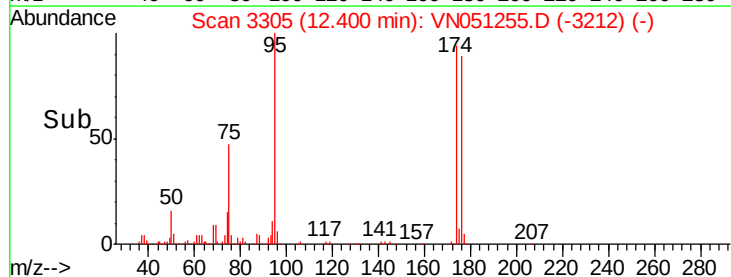
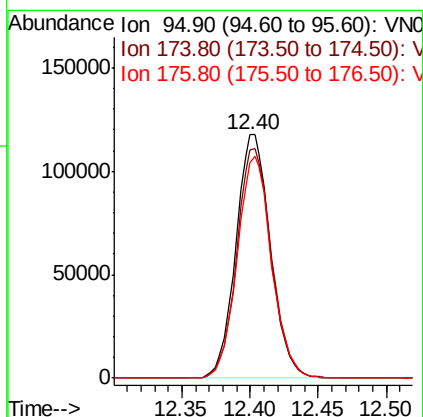
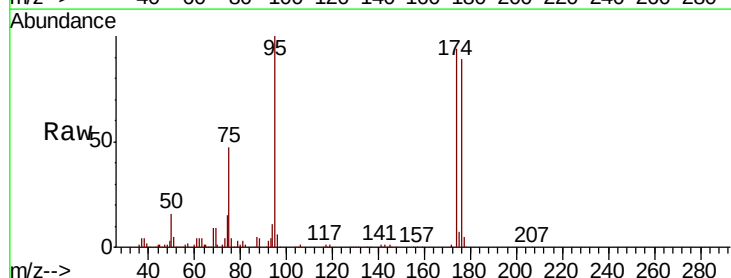
Instrument :
 MSVOA_N
 ClientSampleId :

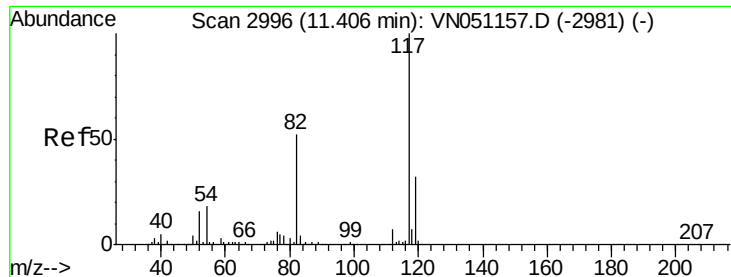
Tot Ion:129 Resp: 1106
 Ion Ratio Lower Upper
 129 100
 127 76.5 38.5 115.5



#62
 4-Bromofluorobenzene
 Concen: 33.32 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051255.D
 Acq: 16 Sep 2018 5:24

Tgt Ion: 95 Resp: 205711
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 184.8
 176 90.7 0.0 178.6

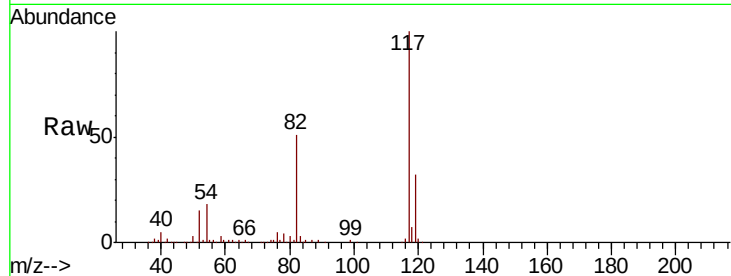




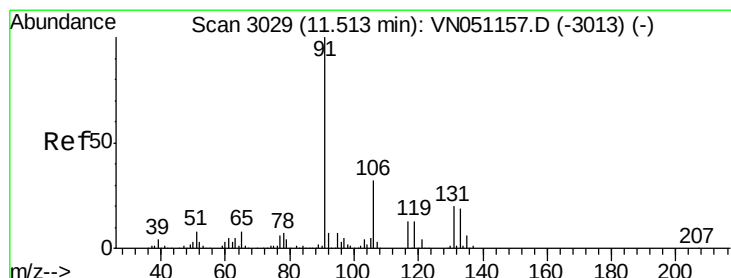
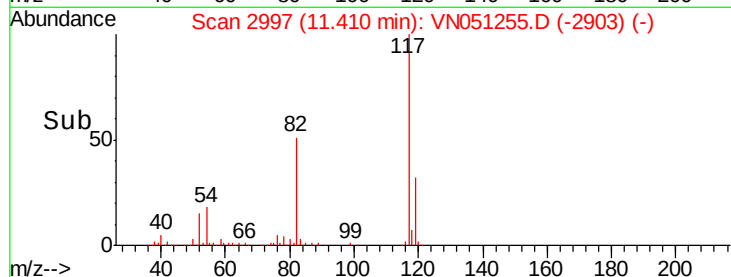
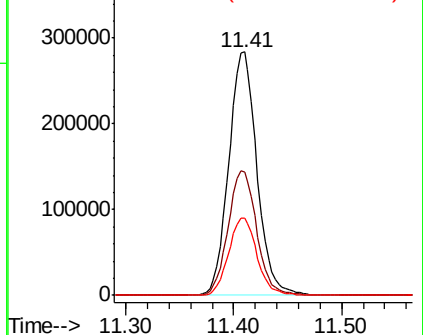
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 515056
Ion Ratio Lower Upper
117 100
82 50.8 41.8 62.6
119 31.5 26.2 39.2

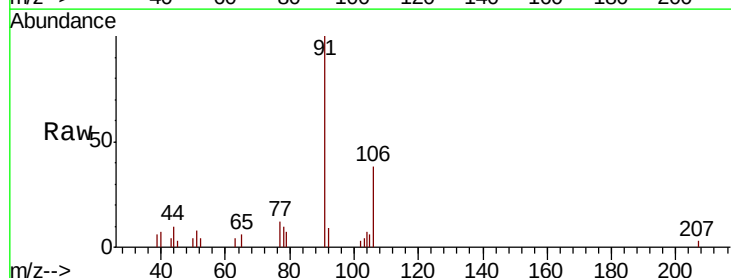


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

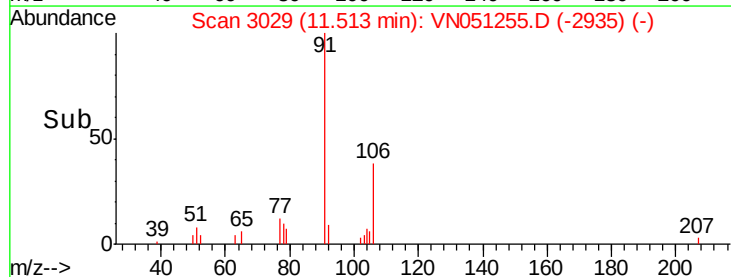
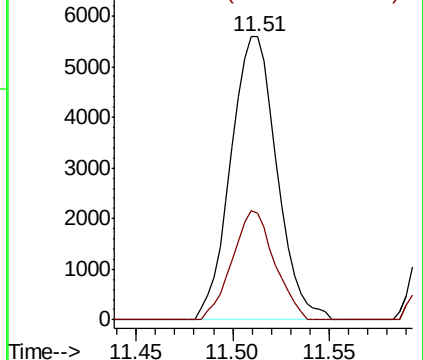


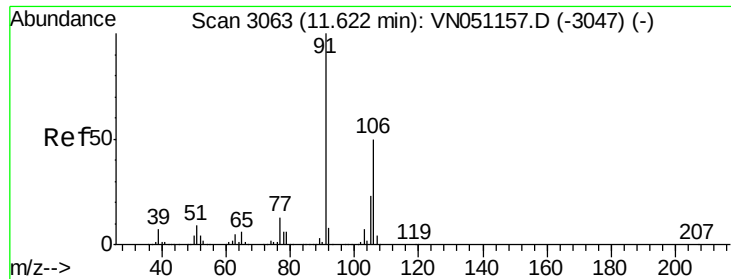
#67
Ethyl Benzene
Concen: 0.44 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion: 91 Resp: 9284
Ion Ratio Lower Upper
91 100
106 37.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

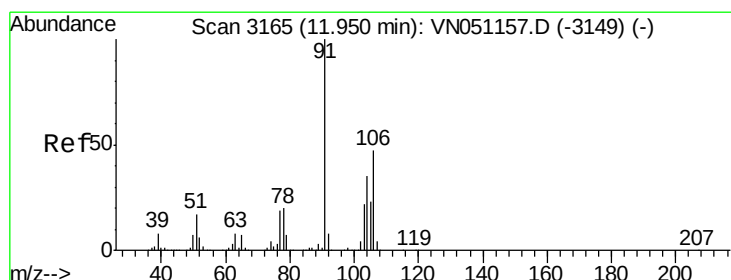
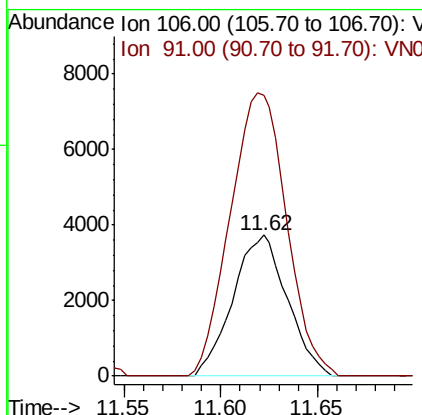
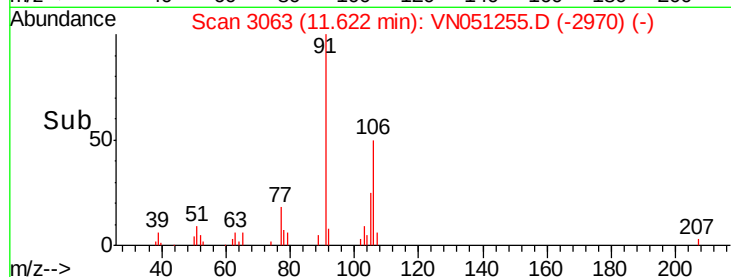
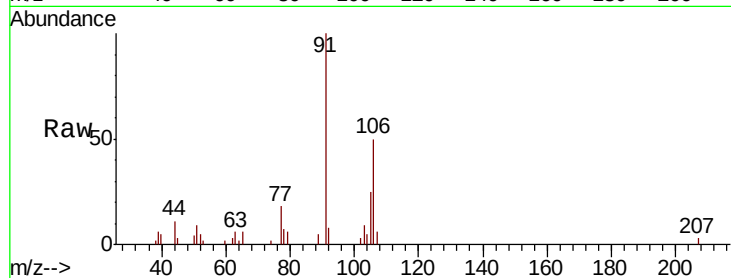




#68
m/p-Xylenes
Concen: 0.90 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

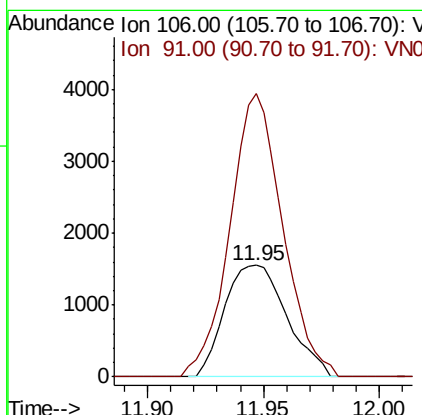
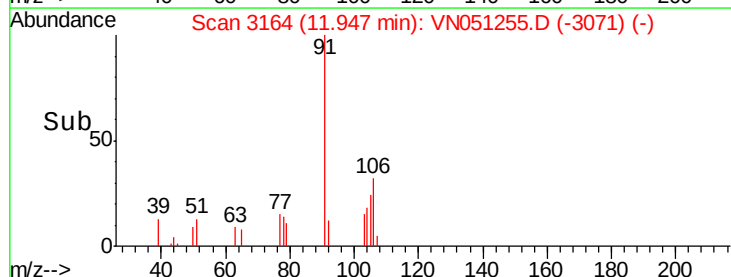
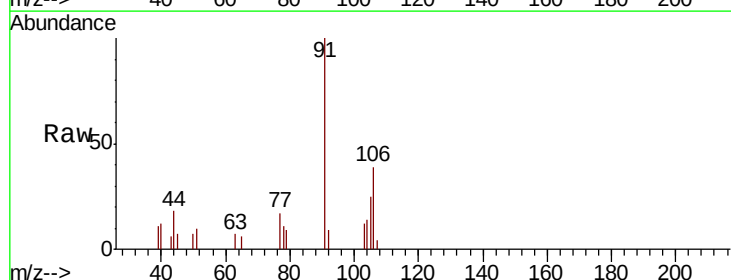
Instrument :
MSVOA_N
ClientSampled :

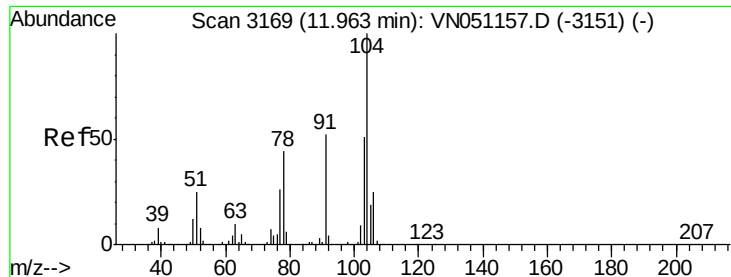
Tot Ion:106 Resp: 7291
Ion Ratio Lower Upper
106 100
91 208.1 159.8 239.6



#69
o-Xylene
Concen: 0.37 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion:106 Resp: 2894
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1

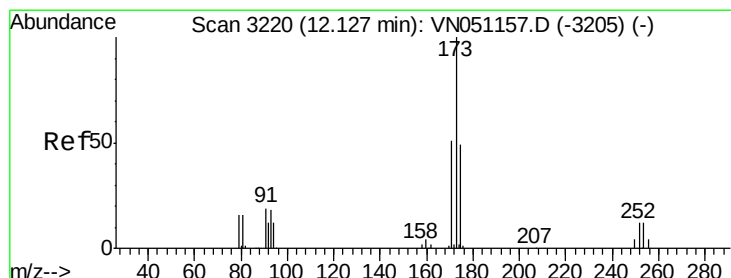
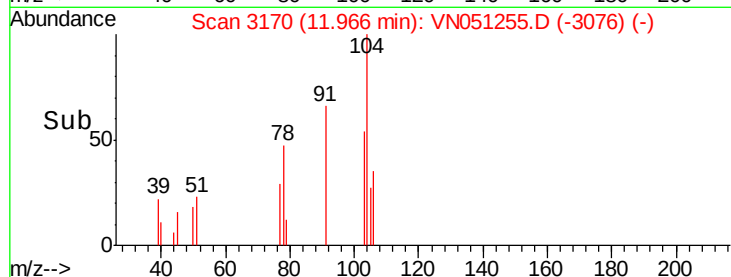
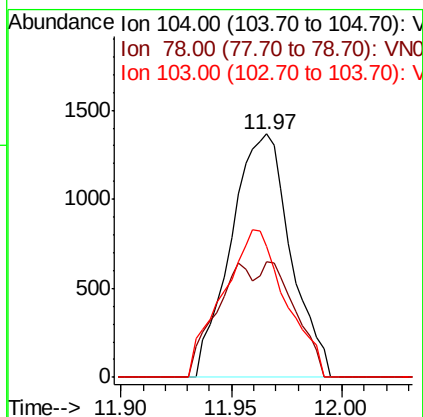
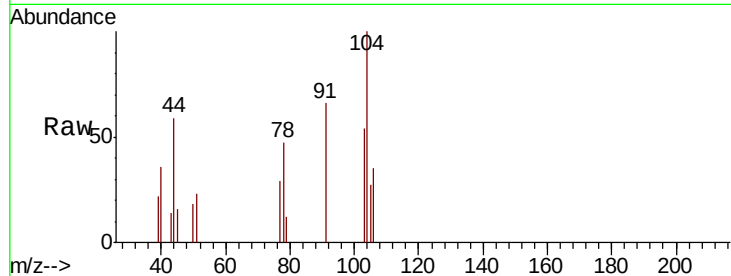




#70
Stvrene
Concen: 0.21 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

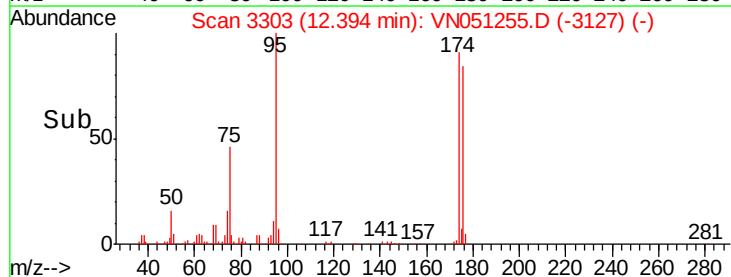
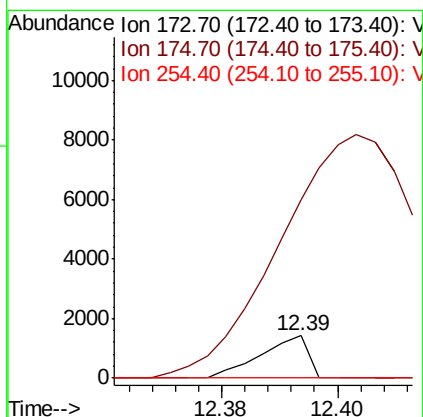
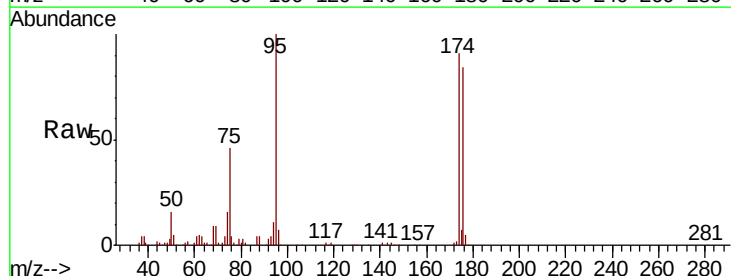
Instrument :
MSVOA_N
ClientSampled :

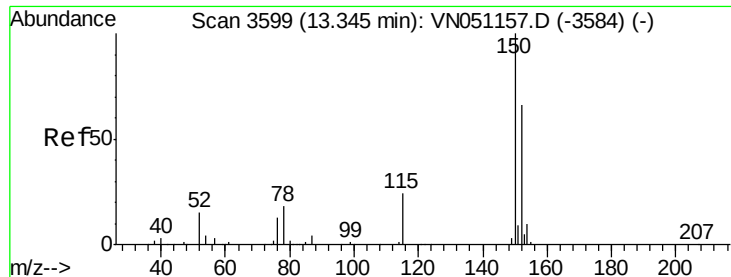
Tot Ion:104 Resp: 2563
Ion Ratio Lower Upper
104 100
78 29.6 37.7 56.5#
103 64.1 44.6 67.0



#71
Bromoform
Concen: 0.25 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN051255.D
Acq: 16 Sep 2018 5:24

Tgt Ion:173 Resp: 820
Ion Ratio Lower Upper
173 100
175 1473.7 24.3 72.9#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

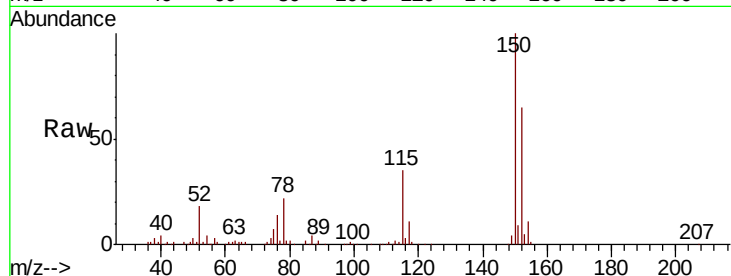
Tot Ion:152 Resp: 151559

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

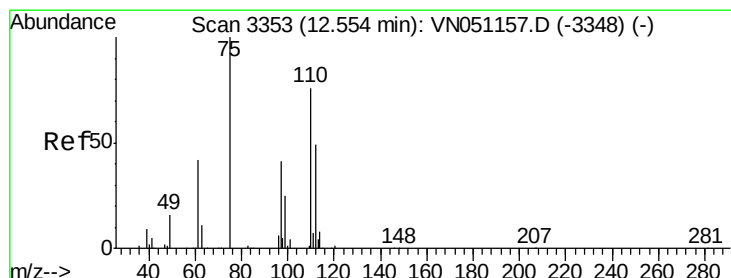
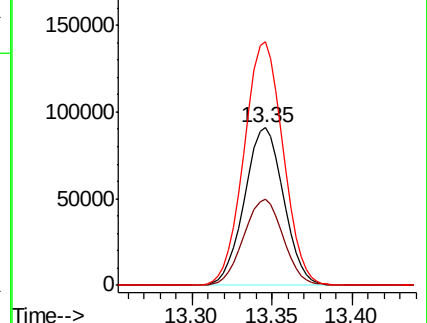
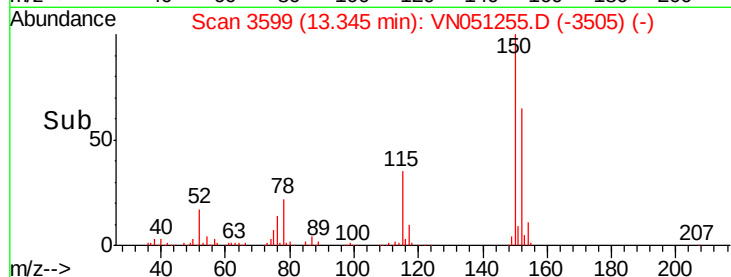
150 154.4 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 40.24 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051255.D

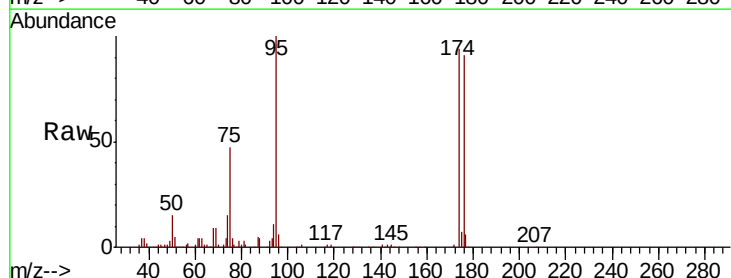
Acq: 16 Sep 2018 5:24

Tgt Ion: 75 Resp: 95229

Ion Ratio Lower Upper

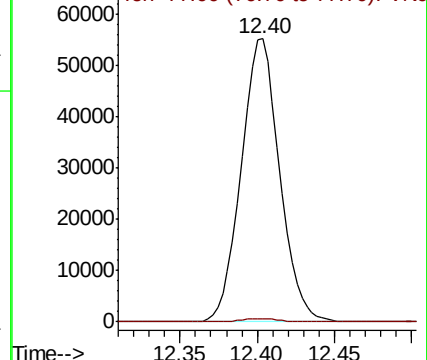
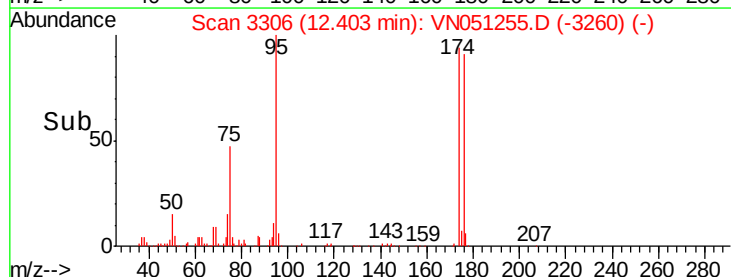
75 100

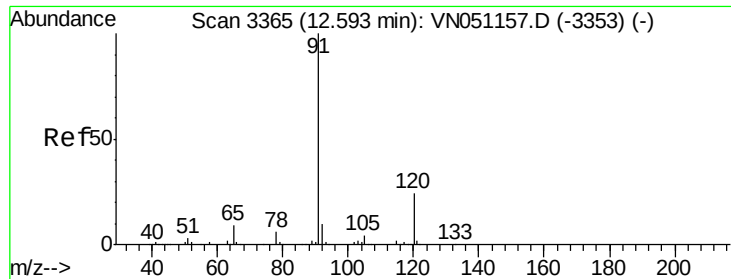
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.21 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

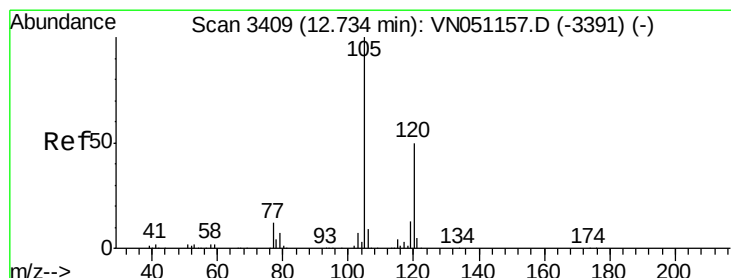
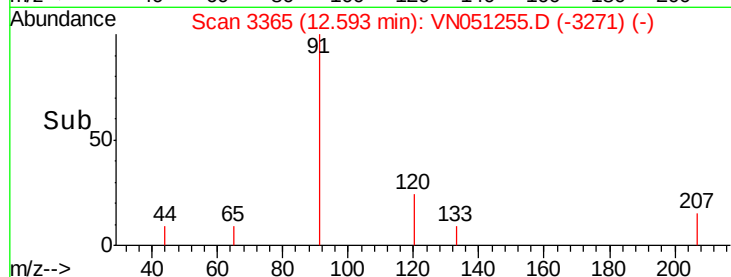
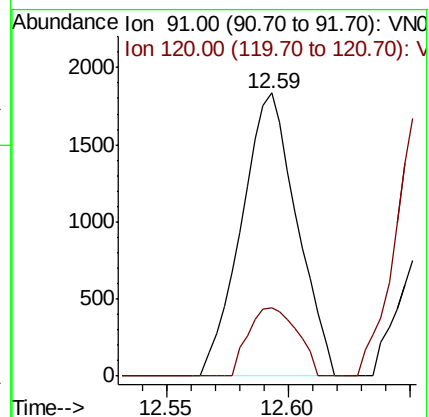
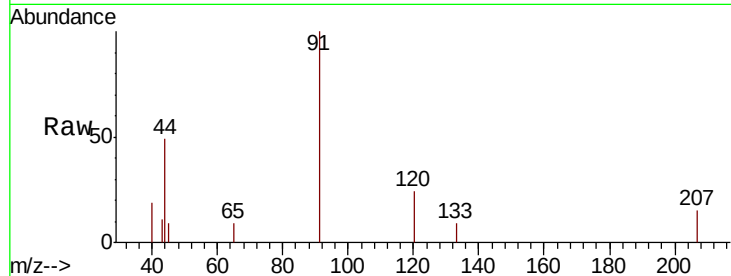
ClientSampled :

Tot Ion: 91 Resp: 2885

Ion Ratio Lower Upper

91 100

120 21.4 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 0.55 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051255.D

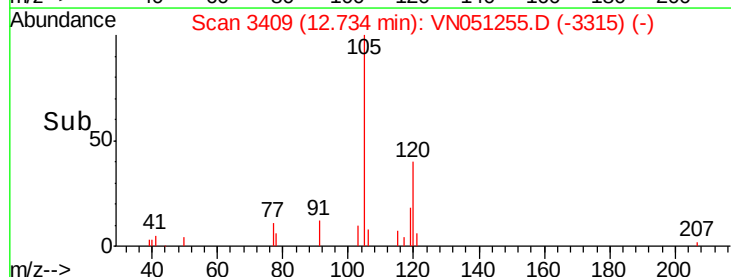
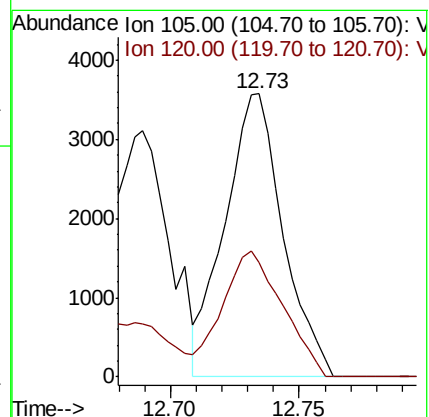
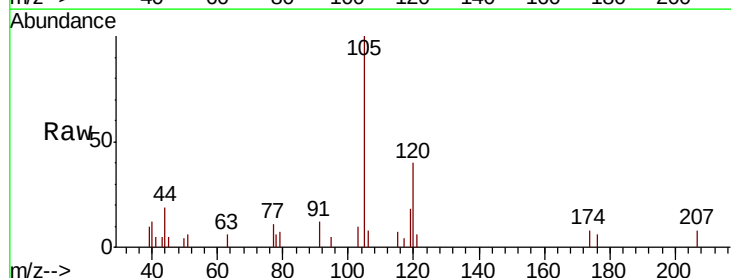
Acq: 16 Sep 2018 5:24

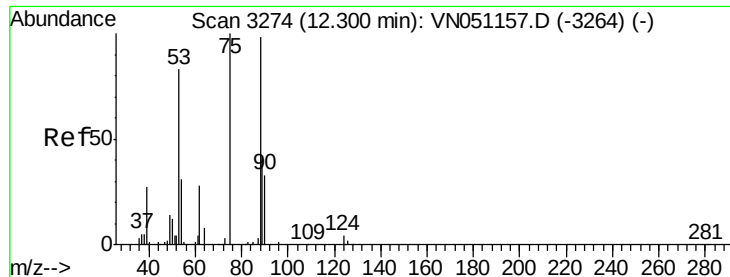
Tgt Ion: 105 Resp: 5623

Ion Ratio Lower Upper

105 100

120 46.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 119.33 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

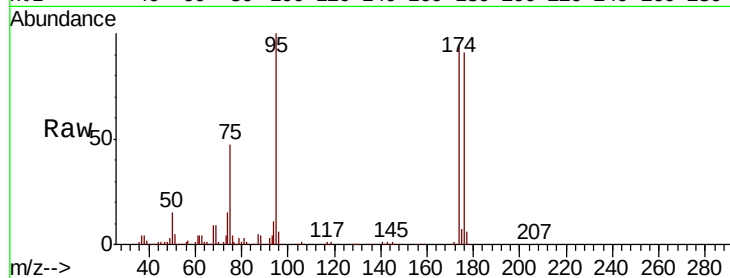
Tot Ion: 75 Resp: 95229

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

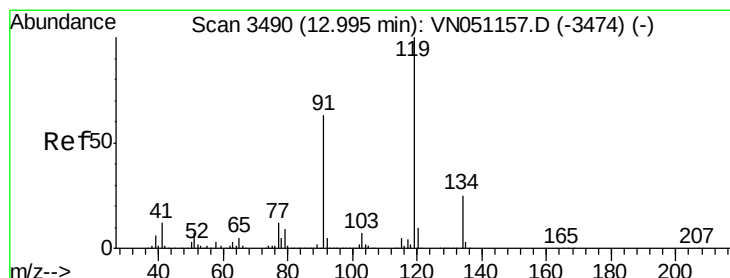
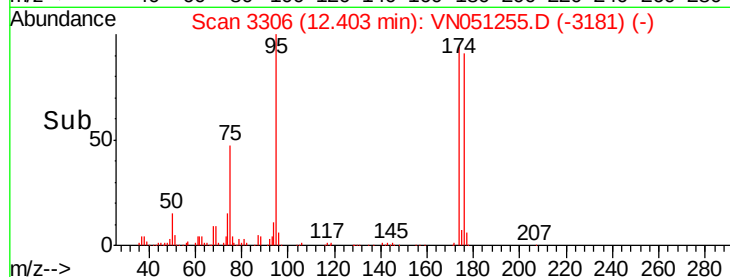
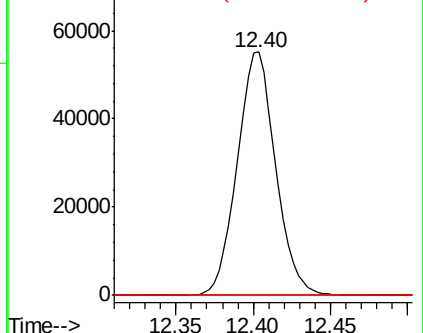
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051157.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN051157.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN051157.D (-3264) (-)



#83

tert-Butylbenzene

Concen: 0.28 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

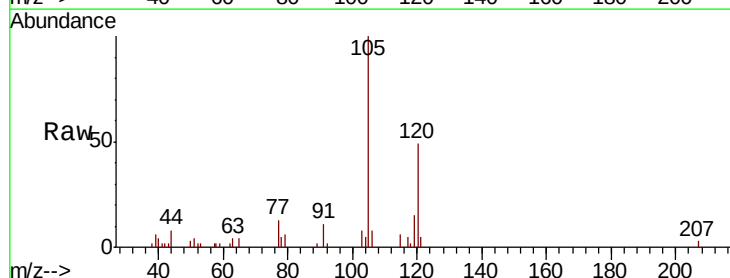
Tgt Ion: 119 Resp: 2573

Ion Ratio Lower Upper

119 100

91 81.2 30.8 92.3

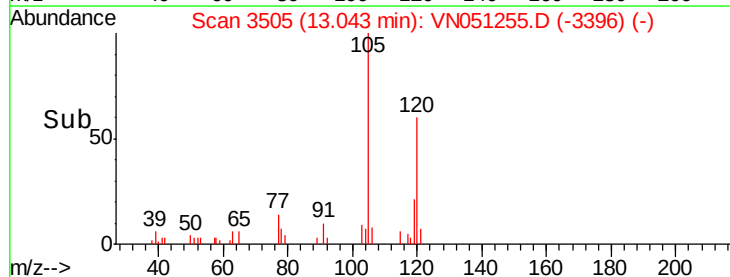
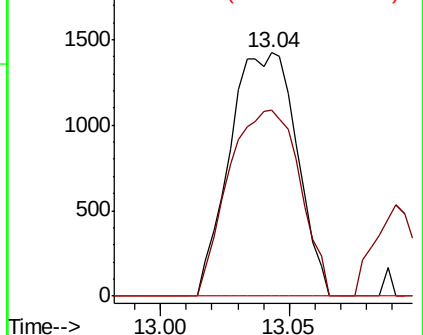
134 0.0 13.2 39.6#

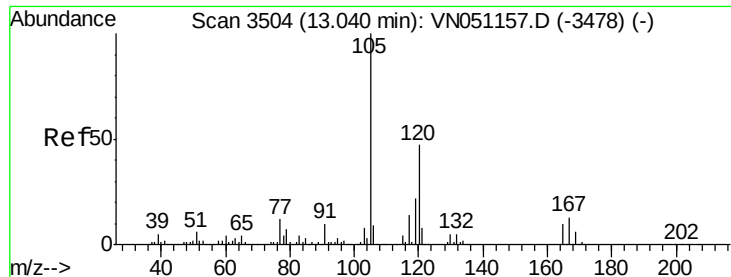


Abundance Ion 119.00 (118.70 to 119.70): VN051157.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN051157.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN051157.D (-3474) (-)





#84

1,2,4-Trimethylbenzene

Concen: 1.64 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

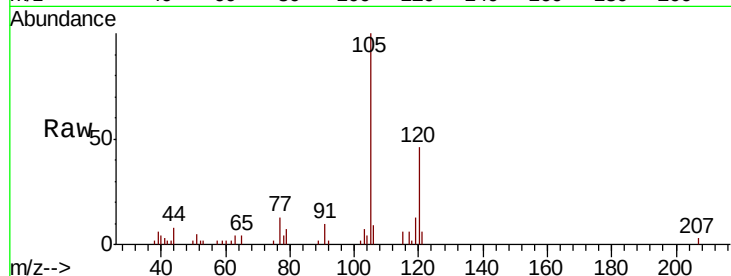
ClientSampleId :

Tot Ion:105 Resp: 16606

Ion Ratio Lower Upper

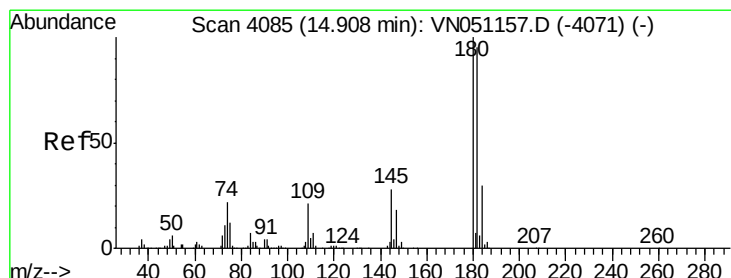
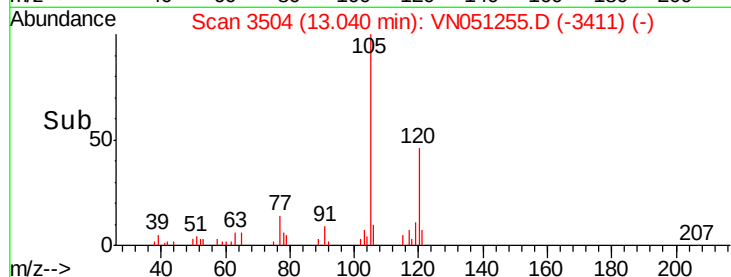
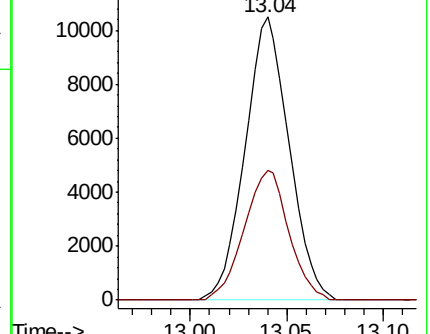
105 100

120 46.4 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 4.30 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

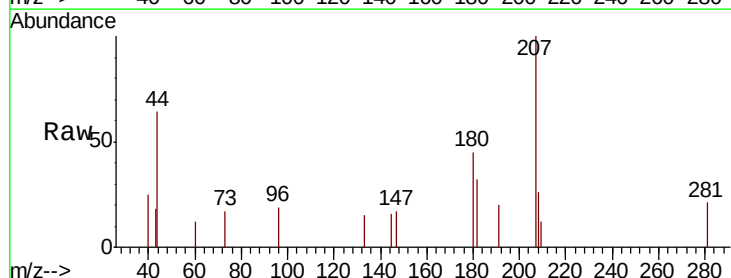
Tgt Ion:180 Resp: 943

Ion Ratio Lower Upper

180 100

182 98.9 47.3 141.8

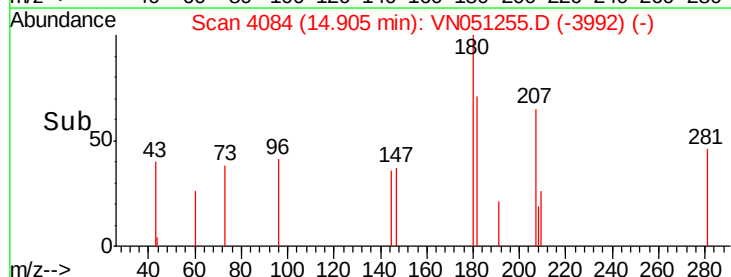
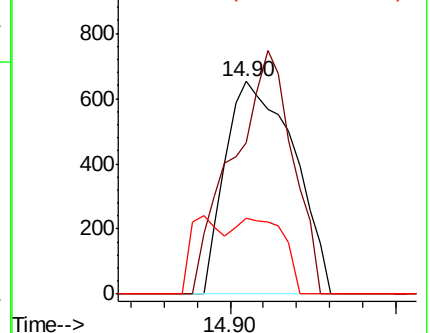
145 17.4 14.2 42.6

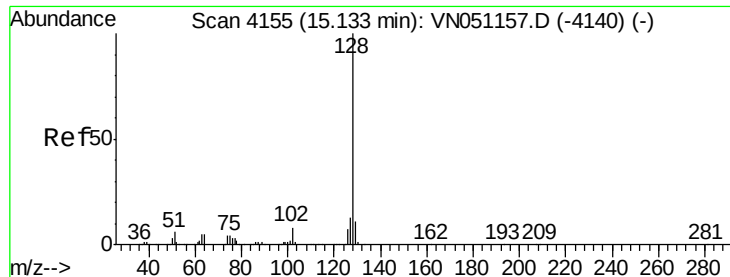


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 13.18 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051255.D

Acq: 16 Sep 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

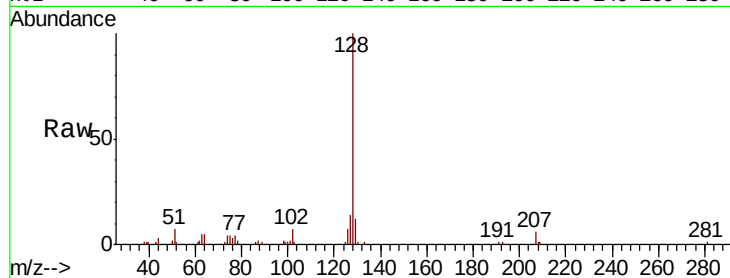
Tot Ion:128 Resp: 50007

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 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

