

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054665.D
 Acq On : 25 Mar 2019 11:55
 Operator : JC/SP
 Sample : K1931-02ME
 Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LSP-1ME

Quant Time: Mar 26 01:23:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	524995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	830149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	711956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	285106	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	331887	50.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.64%	
35) Dibromofluoromethane	7.59	113	256480	47.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.92%	
50) Toluene-d8	10.09	98	1003024	49.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	324345	47.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.82%	

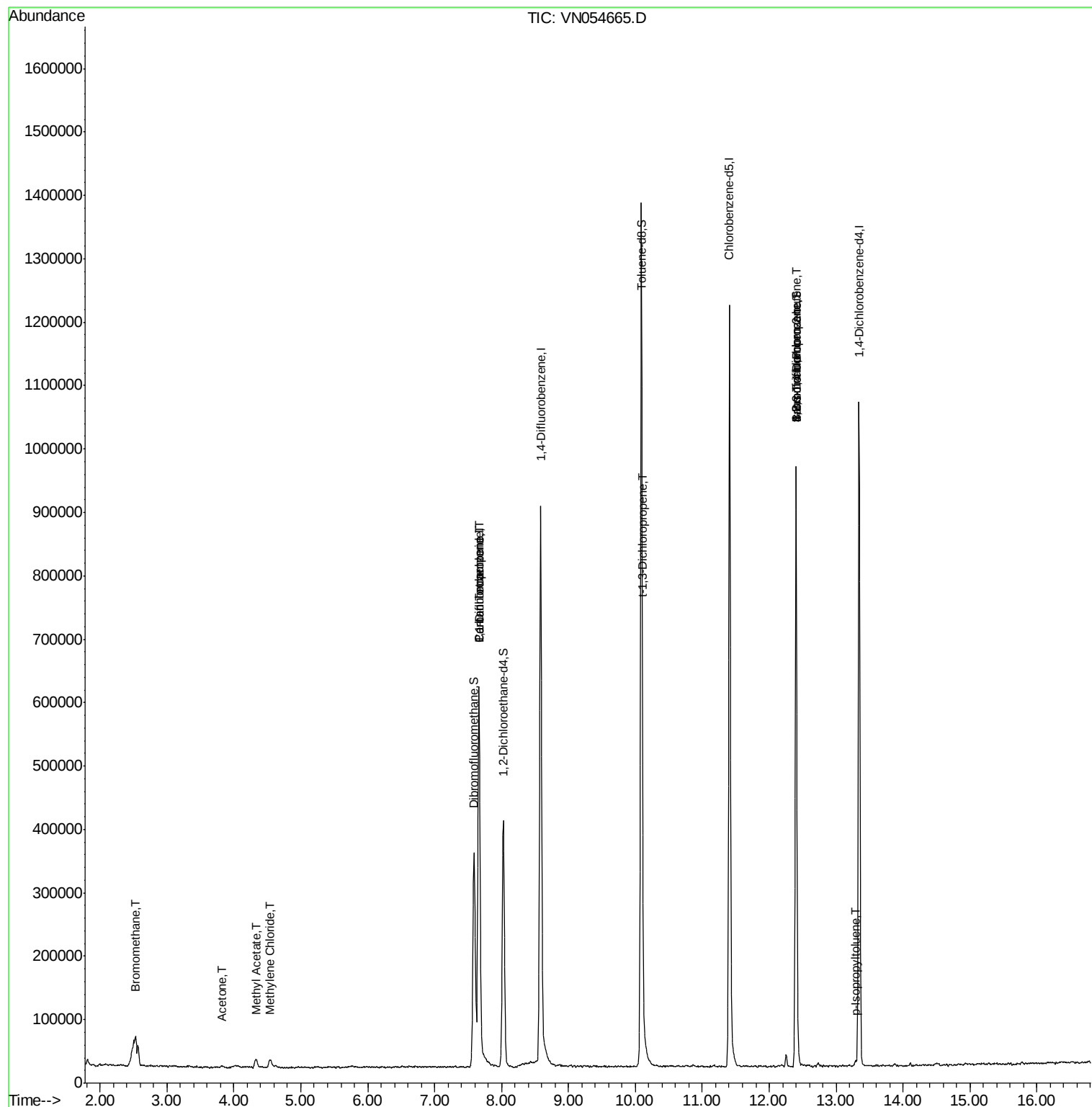
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.52	94	966	0.218	ug/l #	50
16) Acetone	3.83	43	2872	1.463	ug/l	95
18) Methyl Acetate	4.33	43	27528	6.291	ug/l #	66
20) Methylene Chloride	4.54	84	8505	1.470	ug/l	94
31) Cyclohexane	7.66	56	10635	Below Cal	#	6
36) 1,1-Dichloropropene	7.66	75	39924	5.144	ug/l #	42
38) Carbon Tetrachloride	7.66	117	48120	6.380	ug/l #	15
53) t-1,3-Dichloropropene	10.11	75	31	2.236	ug/l #	1
71) Bromoform	12.39	173	945	2.472	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	168309	37.202	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	168309	123.285	ug/l #	11
86) p-Isopropyltoluene	13.29	119	4259	0.233	ug/l	91

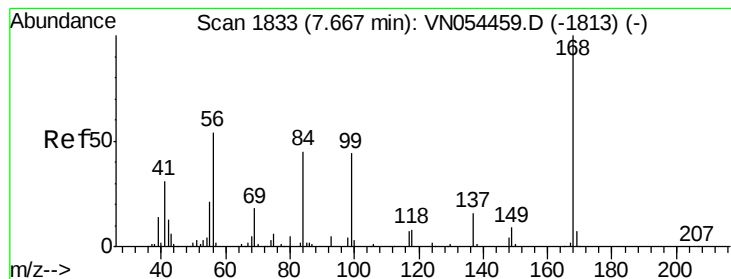
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032519\
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Quant Time: Mar 26 01:23:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

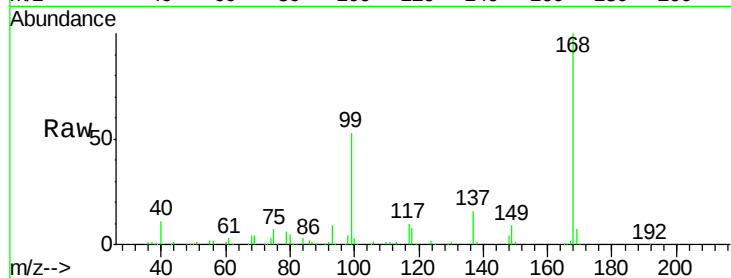
LSP-1ME

Tot Ion:168 Resp: 524995

Ion Ratio Lower Upper

168 100

99 53.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

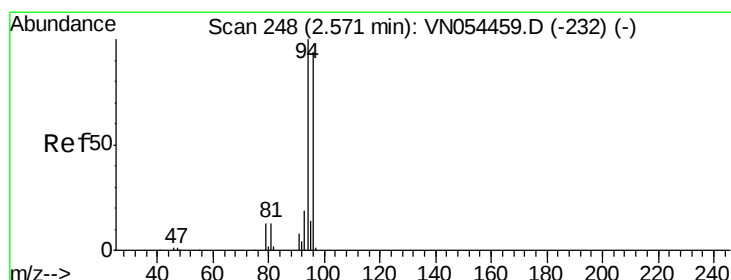
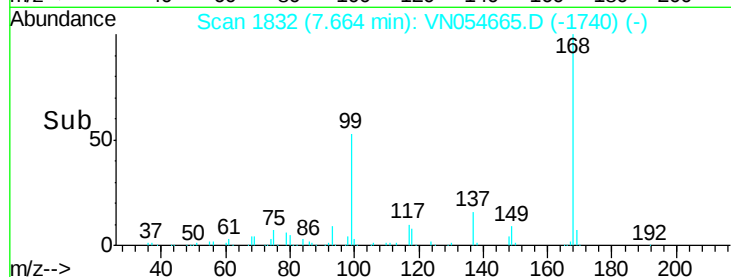
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.218 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.05 min

Lab File: VN054665.D

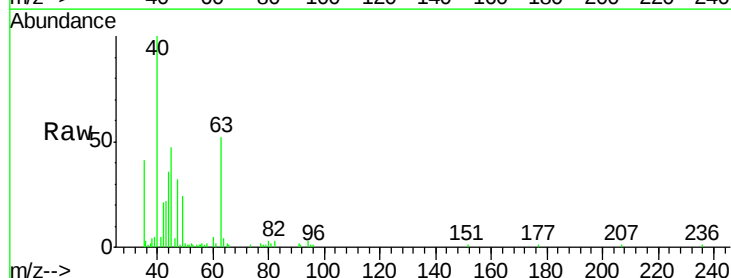
Acq: 25 Mar 2019 11:55

Tgt Ion: 94 Resp: 966

Ion Ratio Lower Upper

94 100

96 47.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.52

500

400

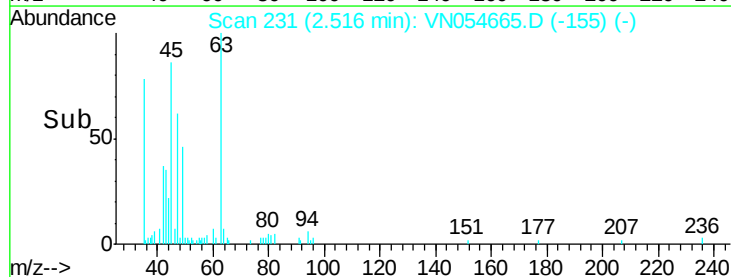
300

200

100

0

Time-->





#16

Acetone

Concen: 1.463 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

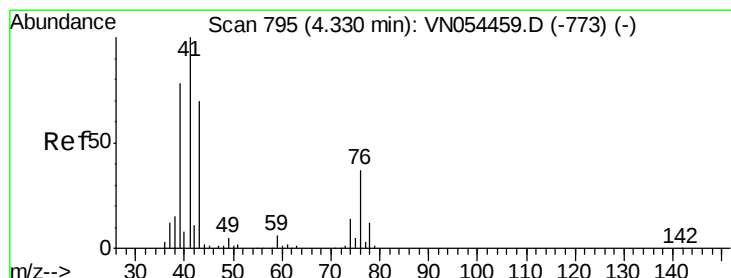
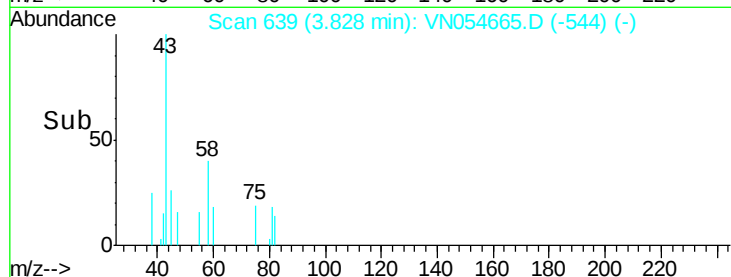
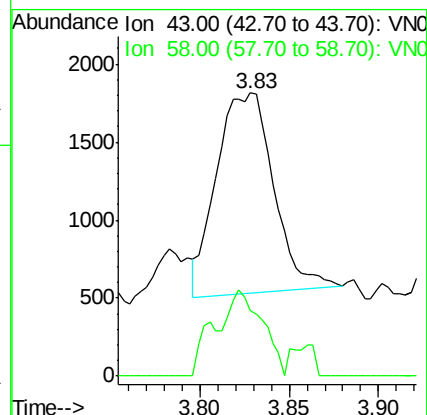
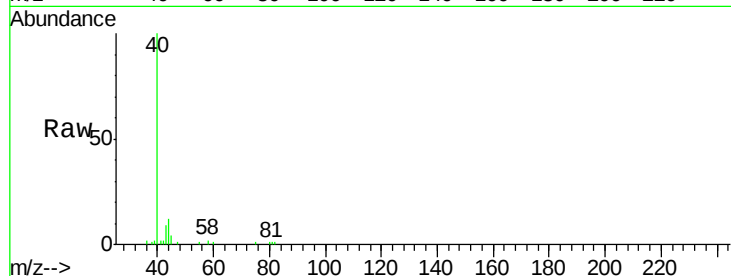
LSP-1ME

Tot Ion: 43 Resp: 2872

Ion Ratio Lower Upper

43 100

58 34.3 29.9 44.9



#18

Methyl Acetate

Concen: 6.291 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054665.D

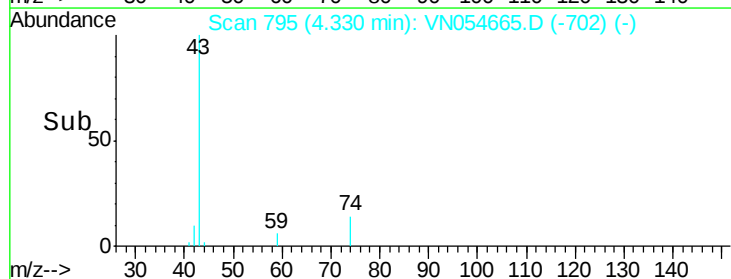
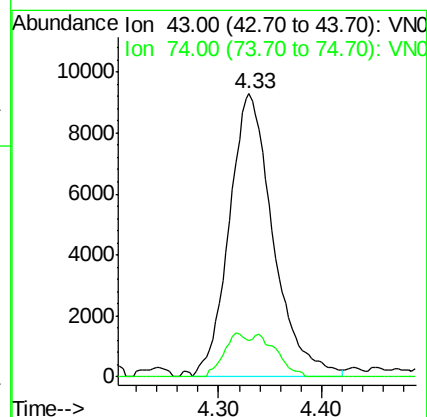
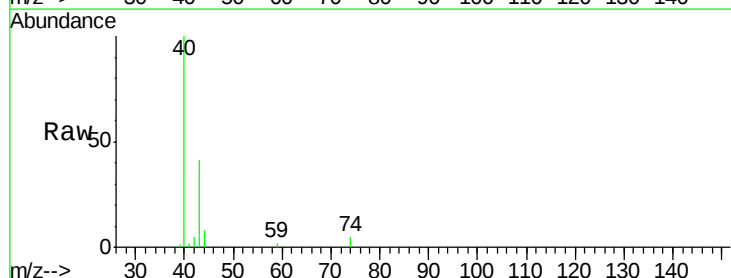
Acq: 25 Mar 2019 11:55

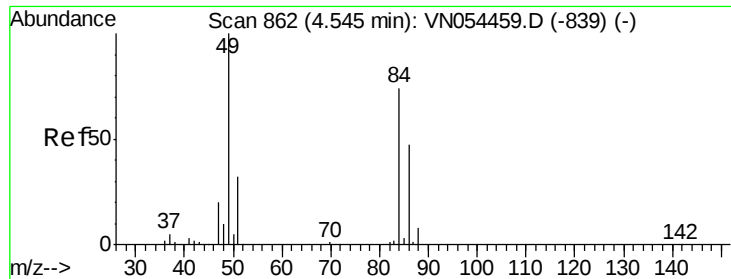
Tgt Ion: 43 Resp: 27528

Ion Ratio Lower Upper

43 100

74 8.5 20.8 31.2#





#20

Methylene Chloride

Concen: 1.470 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

LSP-1ME

Tot Ion: 84 Resp: 8505

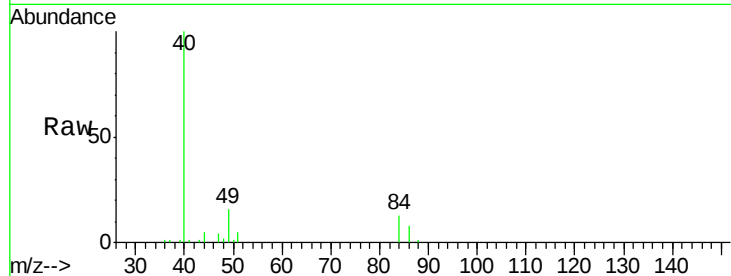
Ion Ratio Lower Upper

84 100

49 117.7 89.7 134.5

51 41.7 28.2 42.4

86 61.1 50.8 76.2

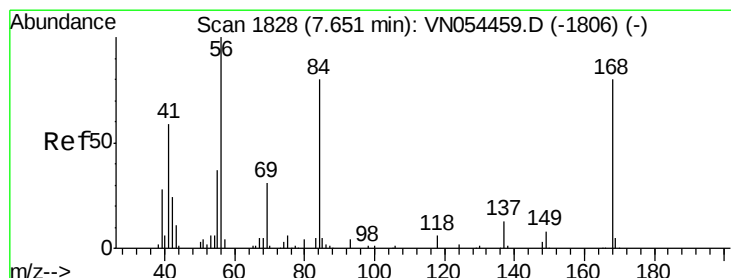
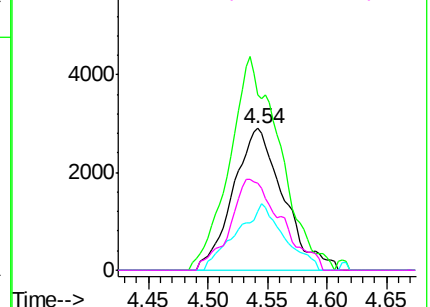
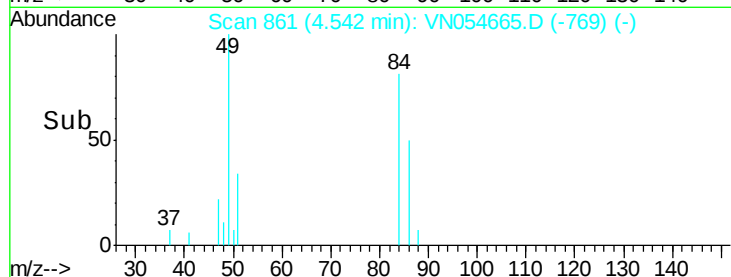


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

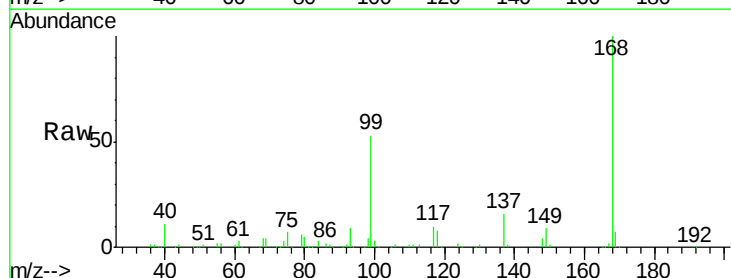
Tgt Ion: 56 Resp: 10635

Ion Ratio Lower Upper

56 100

69 173.4 27.8 41.6#

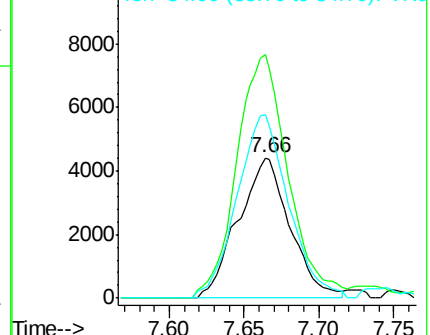
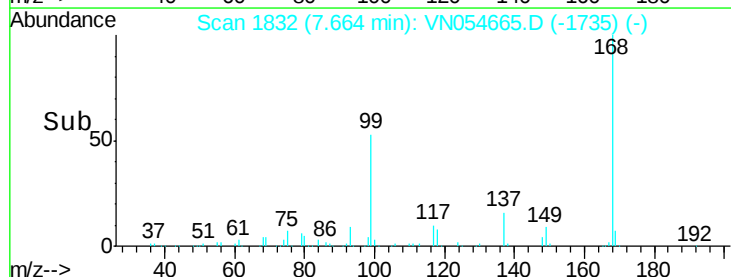
84 131.0 74.6 111.8#

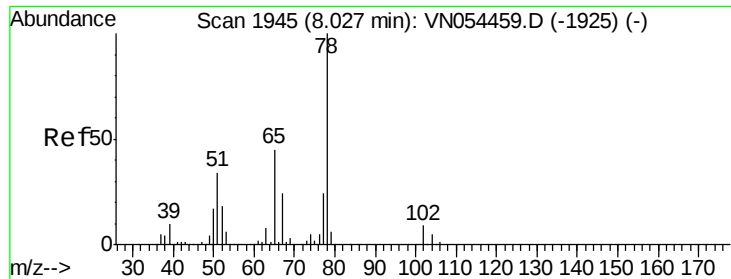


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

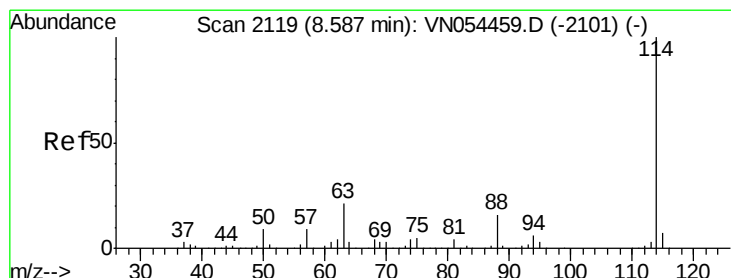
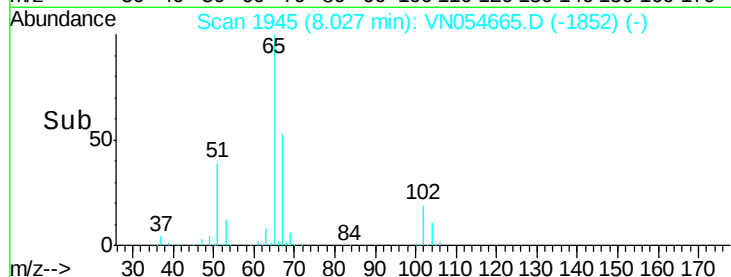
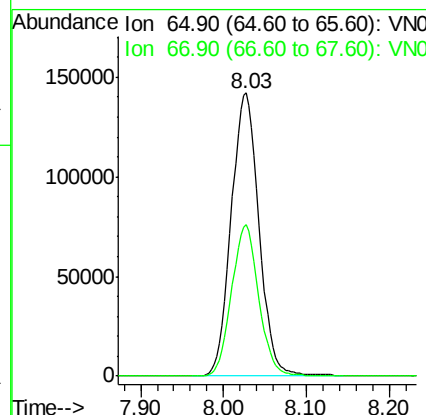
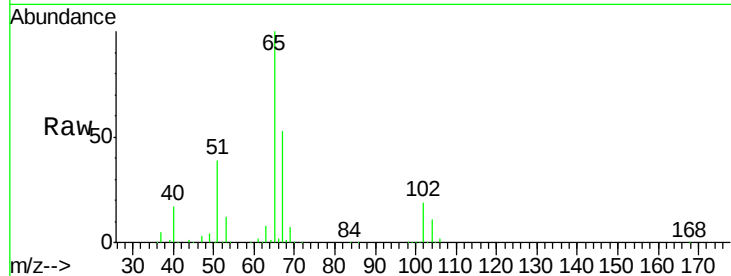




#33
 1,2-Dichloroethane-d4
 Concen: 50.824 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054665.D
 Acq: 25 Mar 2019 11:55

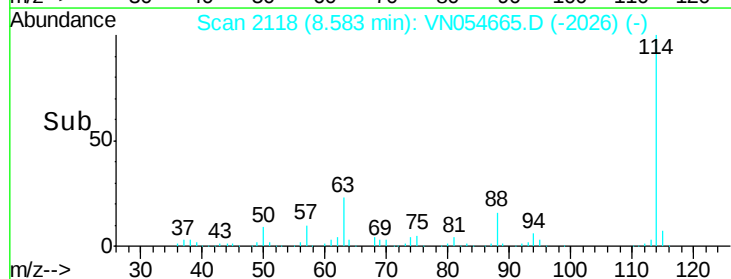
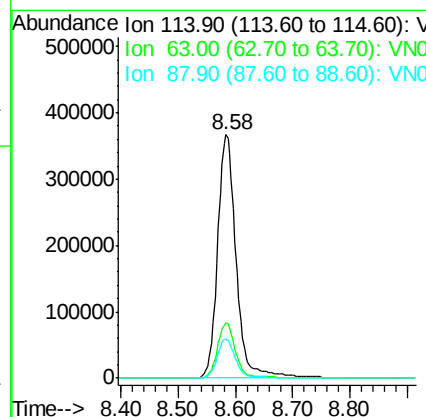
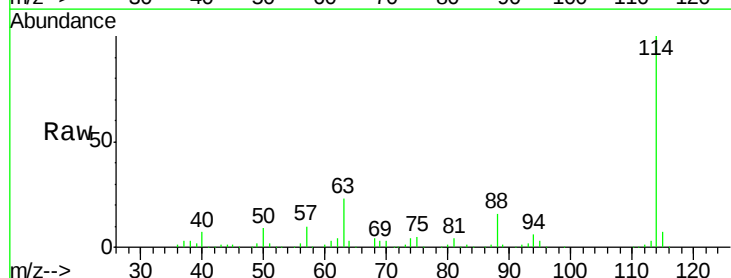
Instrument :
 MSVOA_N
 ClientSampleId :
 LSP-1ME

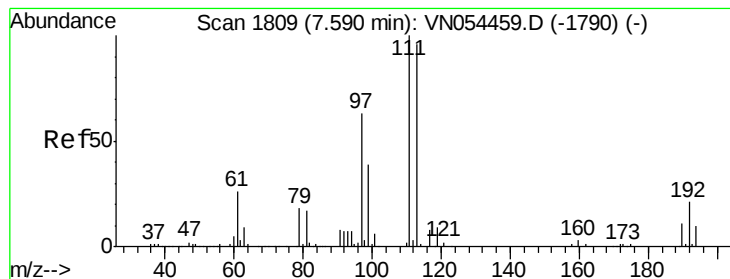
Tot Ion: 65 Resp: 331887
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054665.D
 Acq: 25 Mar 2019 11:55

Tgt Ion: 114 Resp: 830149
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 35.2
 88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.956 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

LSP-1ME

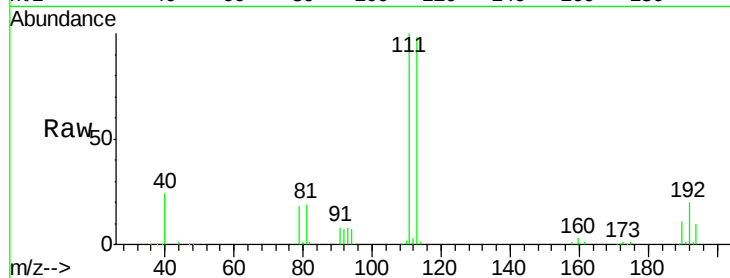
Tot Ion:113 Resp: 256480

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

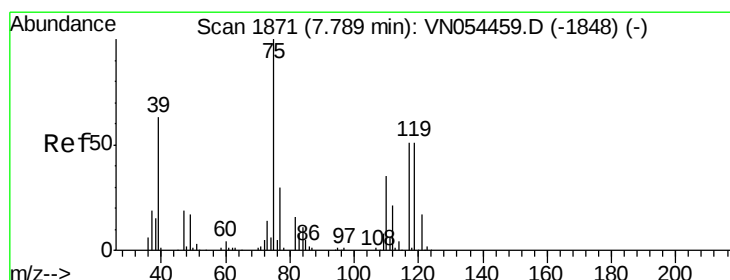
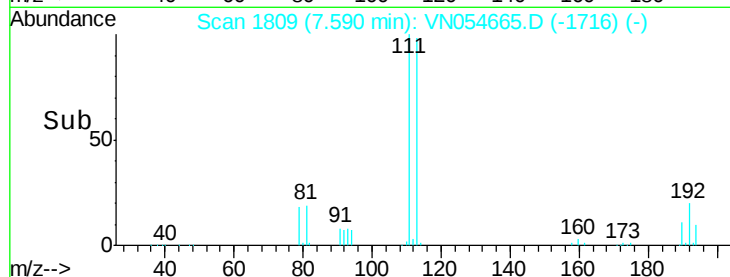
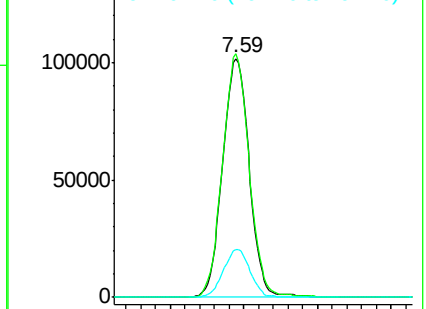
192 20.2 19.2 28.8



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: 5.144 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

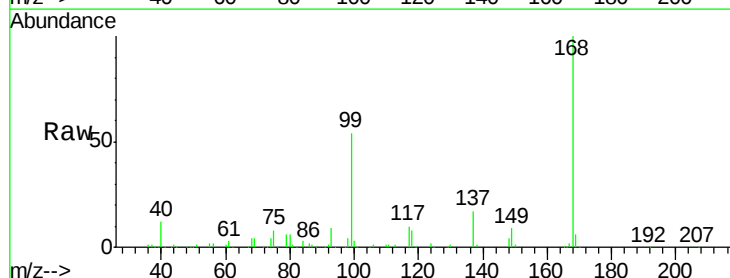
Tgt Ion: 75 Resp: 39924

Ion Ratio Lower Upper

75 100

110 3.0 19.1 57.5#

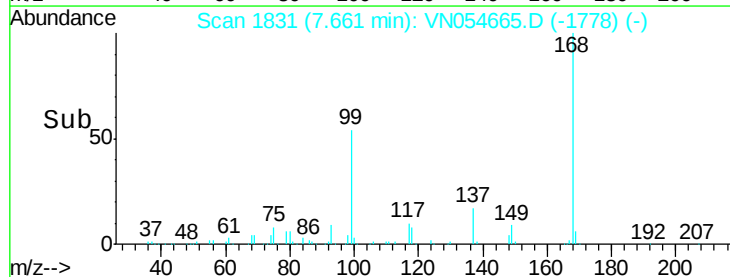
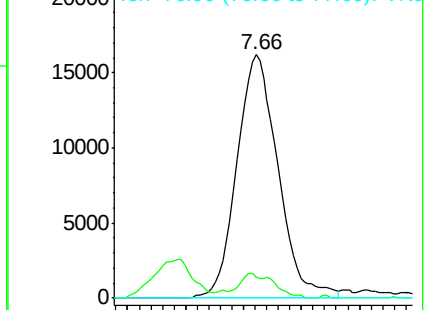
77 0.0 25.0 37.4#

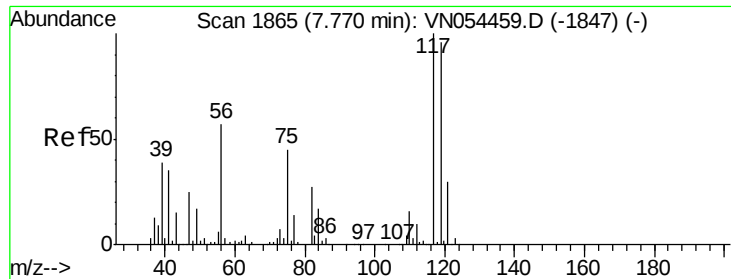


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.380 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

LSP-1ME

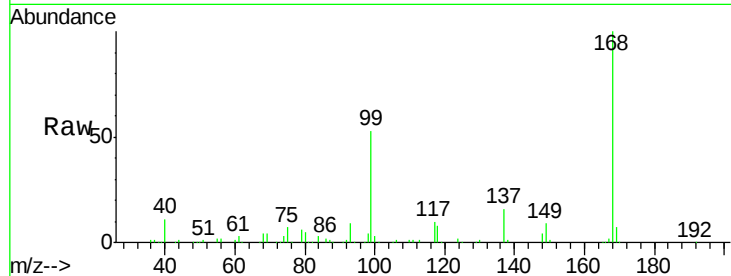
Tot Ion:117 Resp: 48120

Ion Ratio Lower Upper

117 100

119 4.0 76.3 114.5#

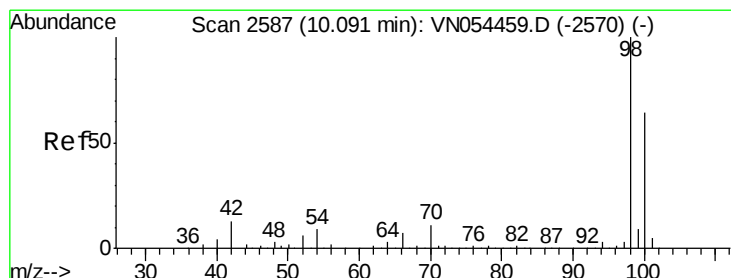
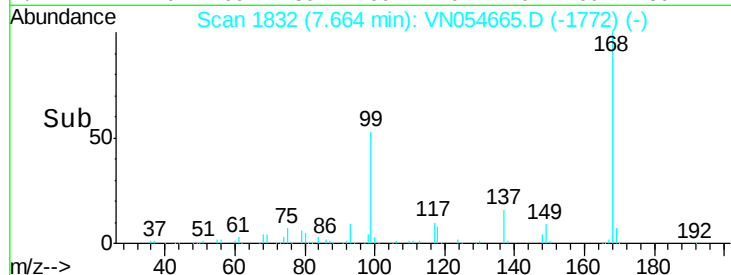
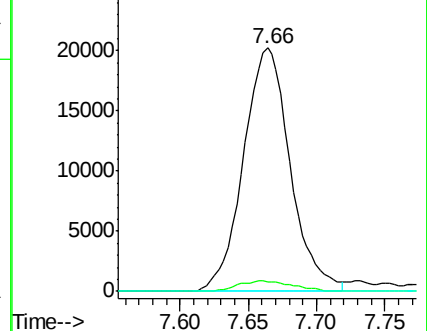
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 49.887 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054665.D

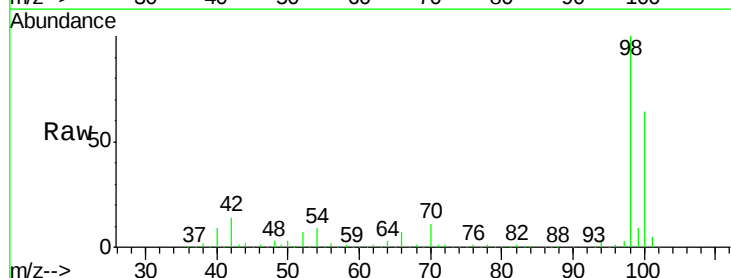
Acq: 25 Mar 2019 11:55

Tgt Ion: 98 Resp: 1003024

Ion Ratio Lower Upper

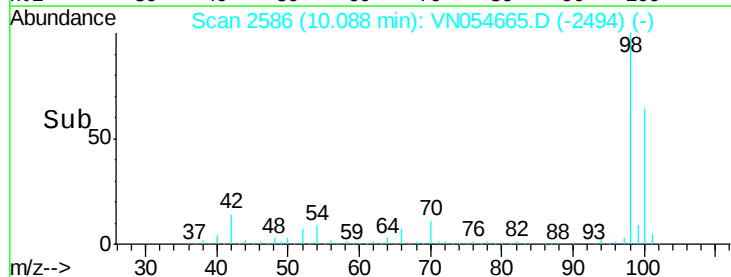
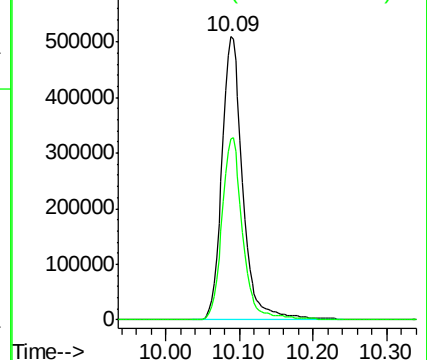
98 100

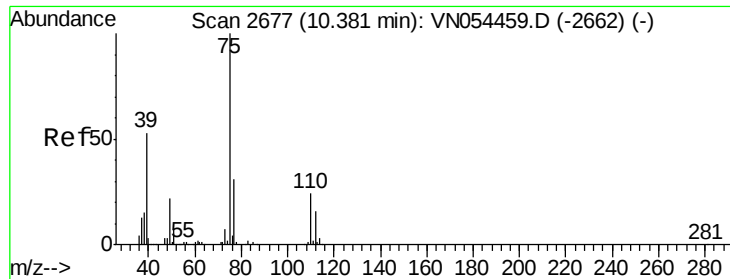
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#53

t-1,3-Dichloropropene

Concen: 2.236 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. -0.27 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

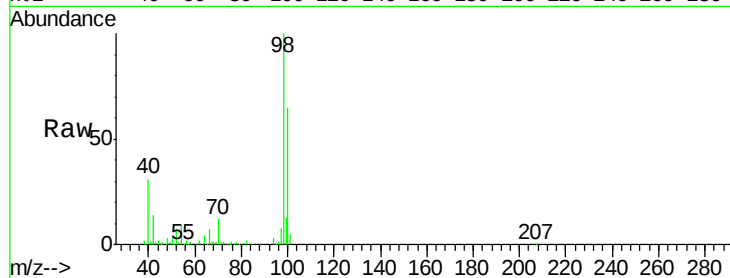
LSP-1ME

Tot Ion: 75 Resp: 31

Ion Ratio Lower Upper

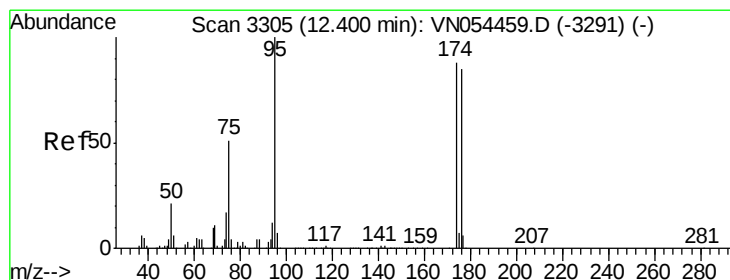
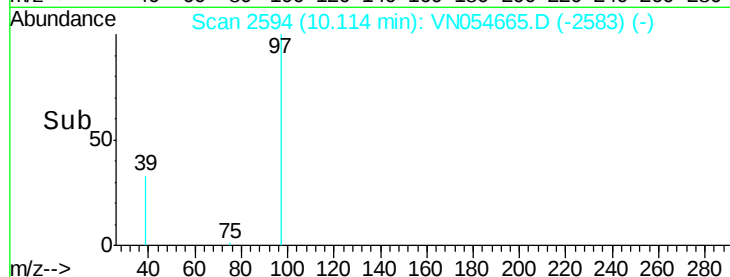
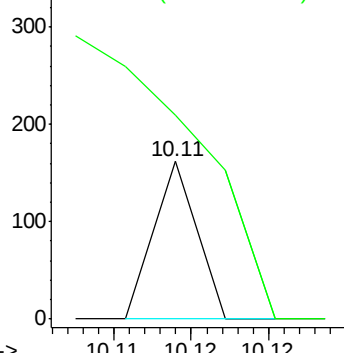
75 100

77 129.6 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#62

4-Bromofluorobenzene

Concen: 47.407 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

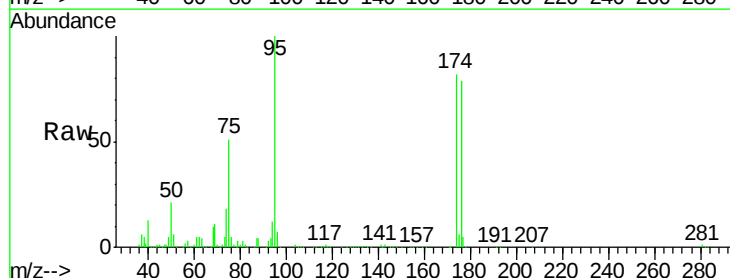
Tgt Ion: 95 Resp: 324345

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

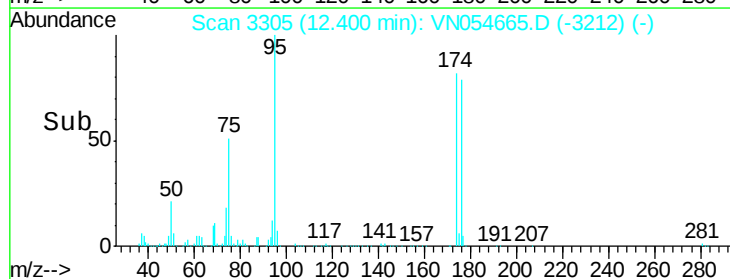
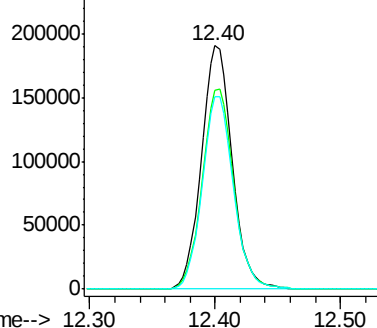
176 80.4 0.0 187.4

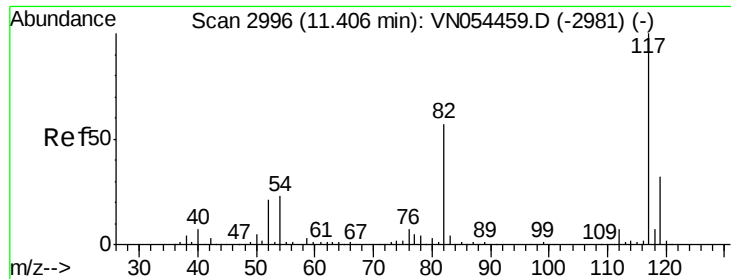


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

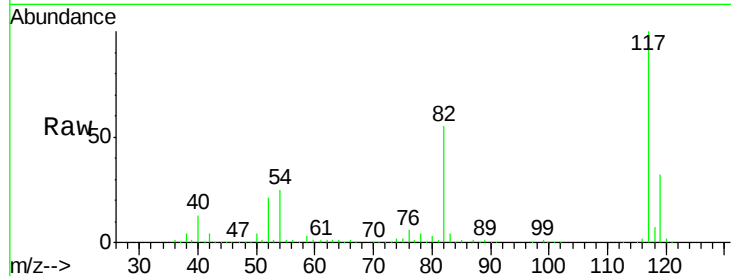




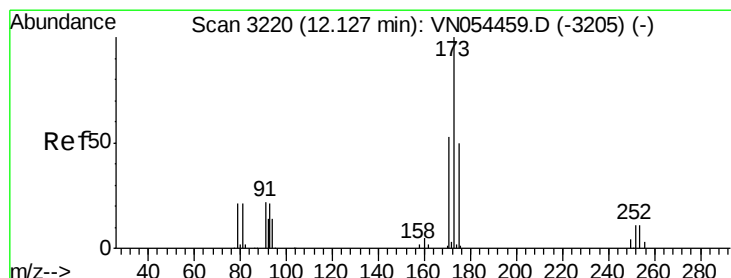
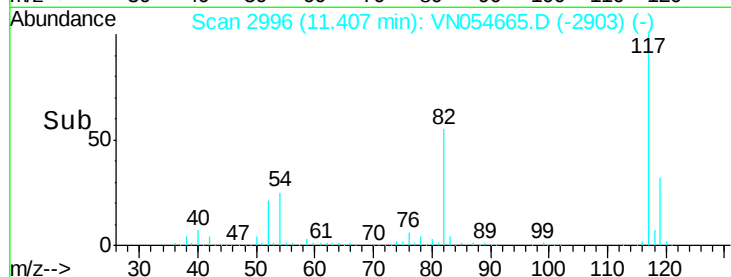
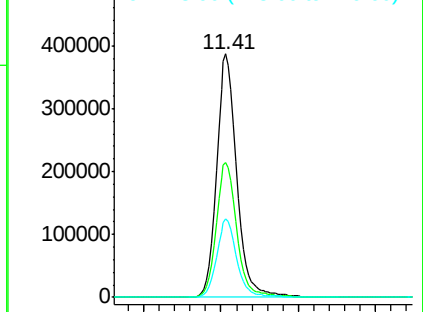
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054665.D
Acq: 25 Mar 2019 11:55

Instrument :
MSVOA_N
ClientSampled :
LSP-1ME

Tot Ion:117 Resp: 711956
Ion Ratio Lower Upper
117 100
82 55.5 40.0 60.0
119 32.1 25.8 38.6

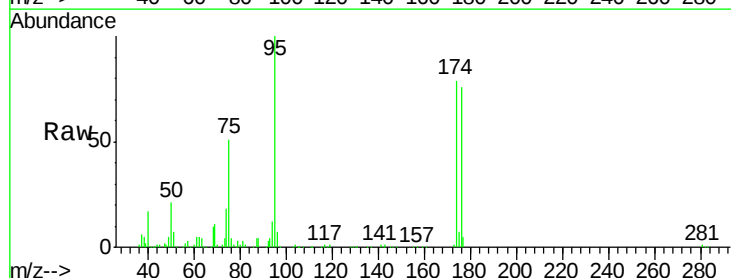


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

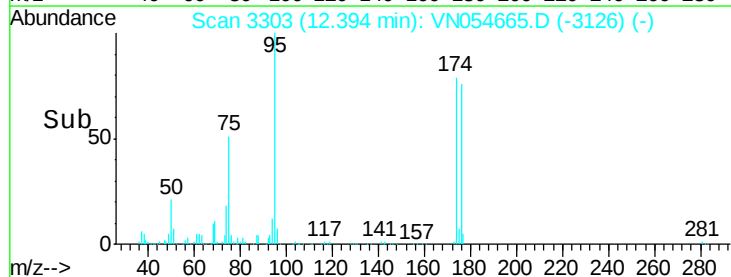
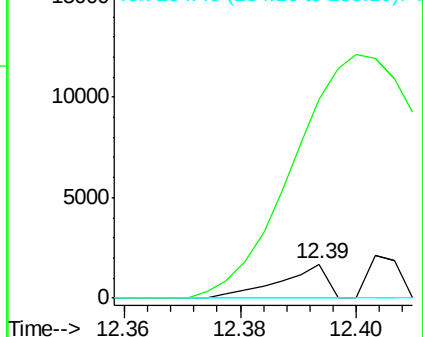


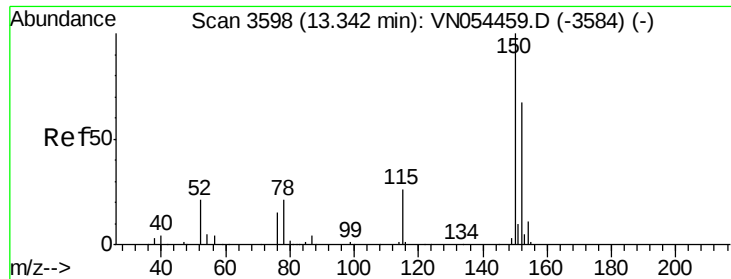
#71
Bromoform
Concen: 2.472 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN054665.D
Acq: 25 Mar 2019 11:55

Tgt Ion:173 Resp: 945
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#



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: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

LSP-1ME

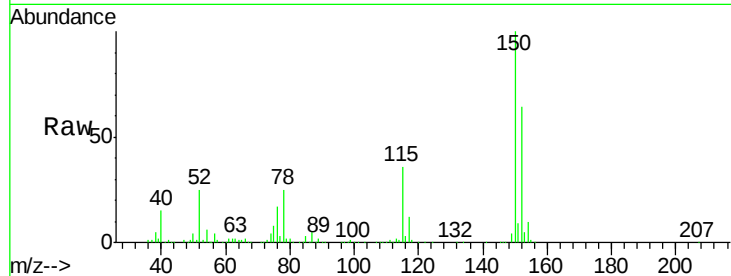
Tot Ion:152 Resp: 285106

Ion Ratio Lower Upper

152 100

115 56.7 27.2 81.6

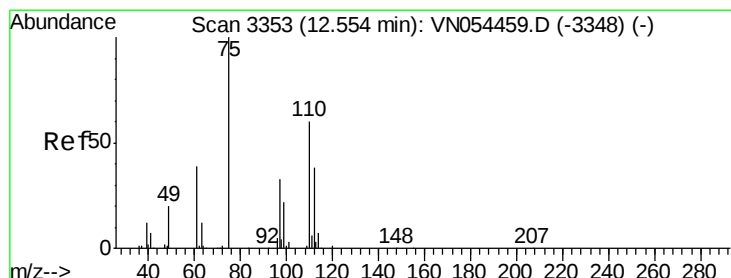
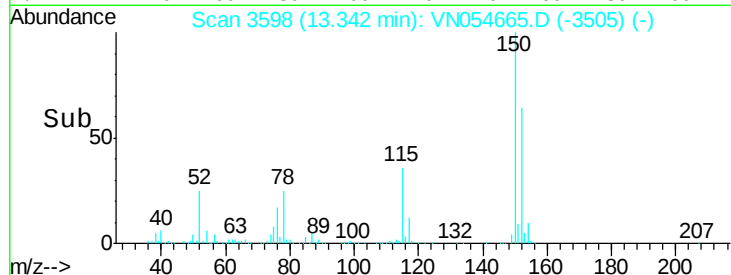
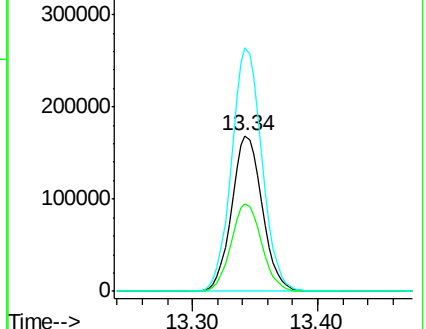
150 155.2 0.0 349.2



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: 37.202 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054665.D

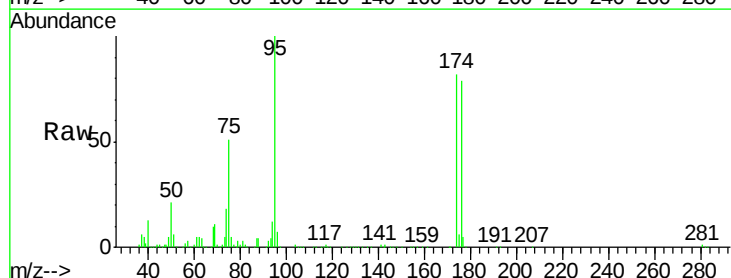
Acq: 25 Mar 2019 11:55

Tgt Ion: 75 Resp: 168309

Ion Ratio Lower Upper

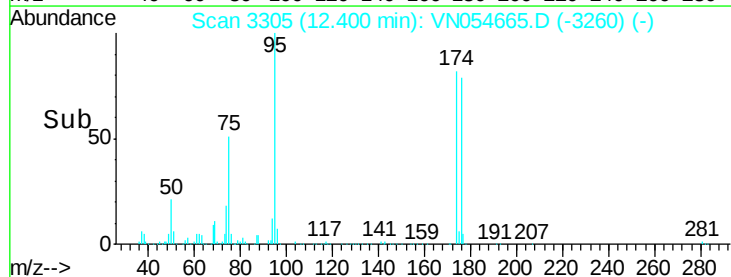
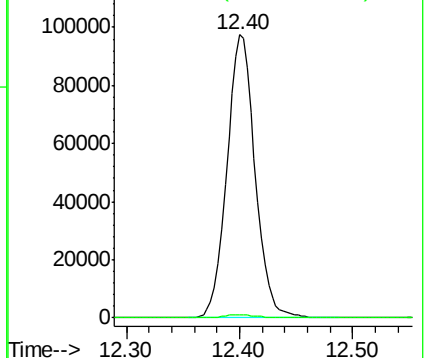
75 100

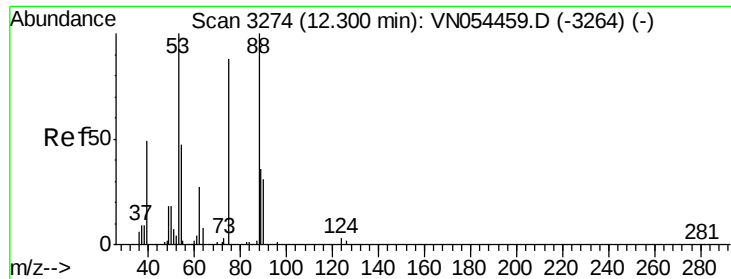
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 123.285 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

LSP-1ME

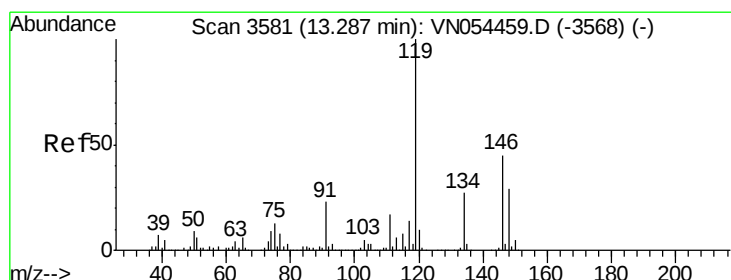
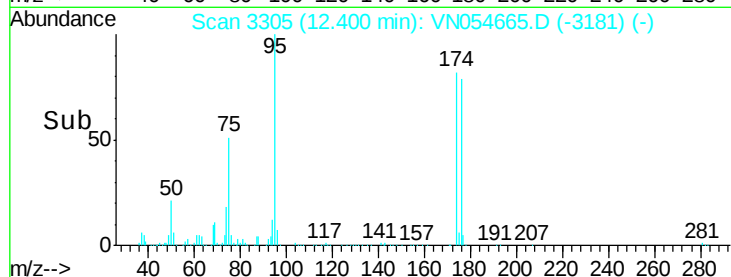
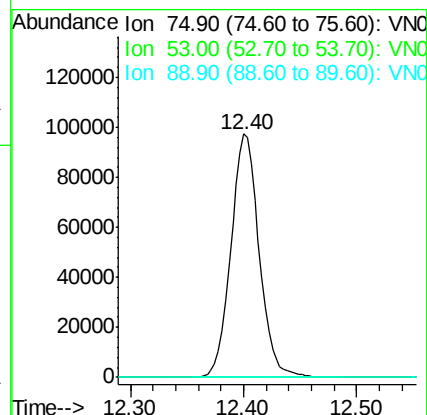
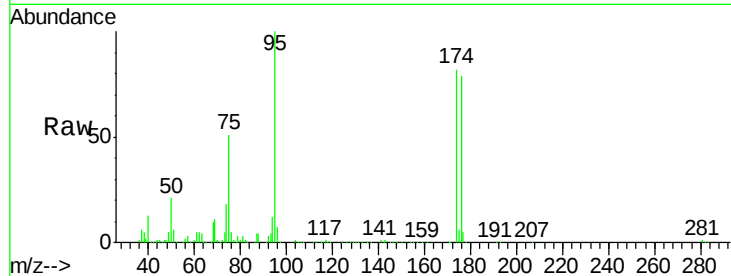
Tot Ion: 75 Resp: 168309

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#



#86

p-Isopropyltoluene

Concen: 0.233 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054665.D

Acq: 25 Mar 2019 11:55

Tgt Ion: 119 Resp: 4259

Ion Ratio Lower Upper

119 100

134 25.6 13.6 40.8

91 30.3 11.1 33.3

