

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050064.D
 Acq On : 26 Jul 2018 00:19
 Operator : MD\SY
 Sample : J4135-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

Quant Time: Jul 26 07:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1004461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369167	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	432087	52.05	ug/l	0.00
Spiked Amount						
			Recovery	=	104.10%	
35) Dibromofluoromethane	7.59	113	389176	47.45	ug/l	0.00
Spiked Amount						
			Recovery	=	94.90%	
50) Toluene-d8	10.09	98	1360035	45.11	ug/l	0.00
Spiked Amount						
			Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	389693	39.25	ug/l	0.00
Spiked Amount						
			Recovery	=	78.50%	

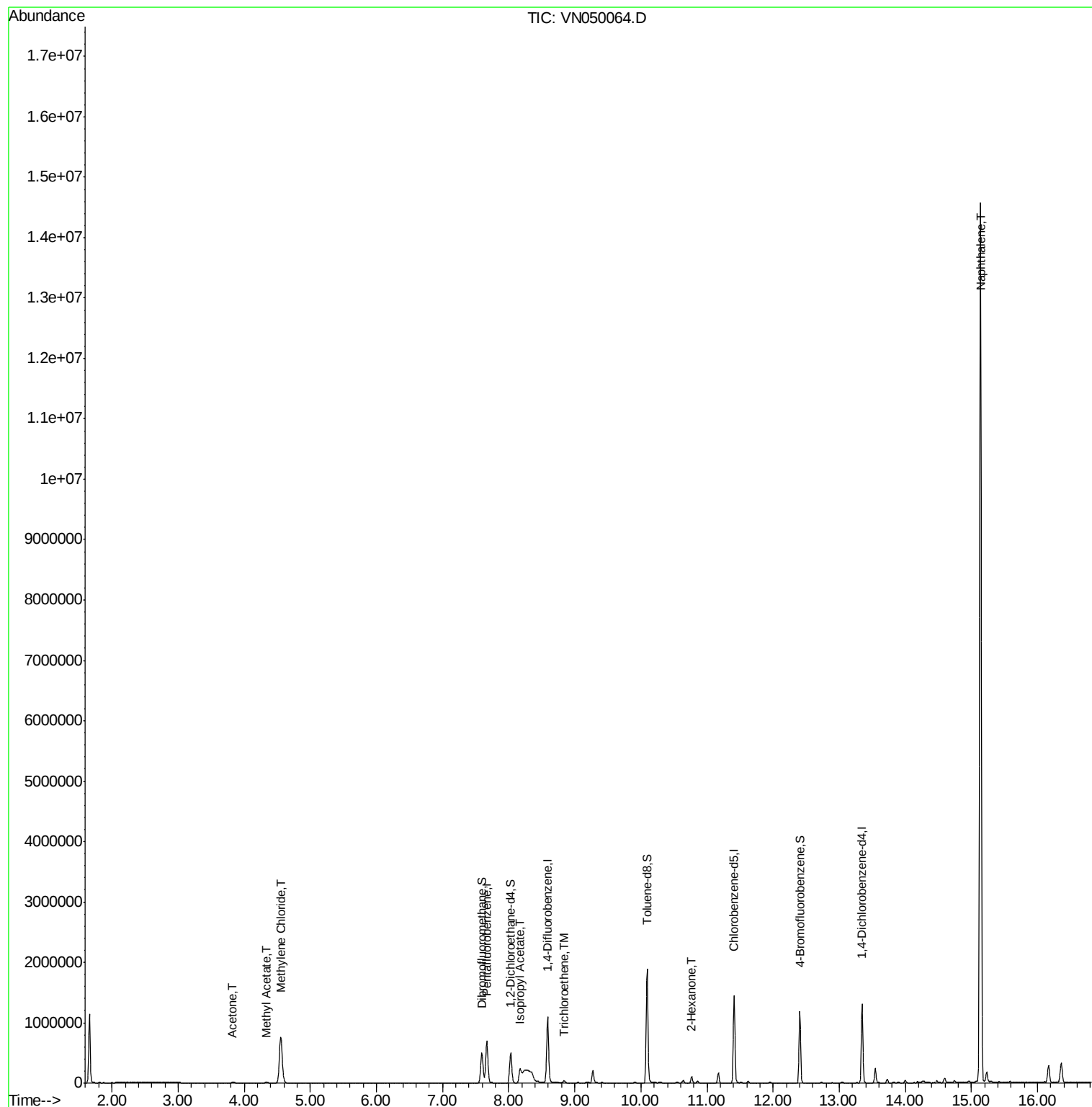
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	28393	10.36	ug/l	99
18) Methyl Acetate	4.33	43	27293	2.03	ug/l	96
20) Methylene Chloride	4.55	84	596334	81.82	ug/l	99
43) Isopropyl Acetate	8.17	43	296886	19.27	ug/l #	89
44) Trichloroethene	8.84	130	12724	1.38	ug/l	95
59) 2-Hexanone	10.77	43	15012	7.75	ug/l	63
95) Naphthalene	15.14	128	12299088	669.50	ug/l	100

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

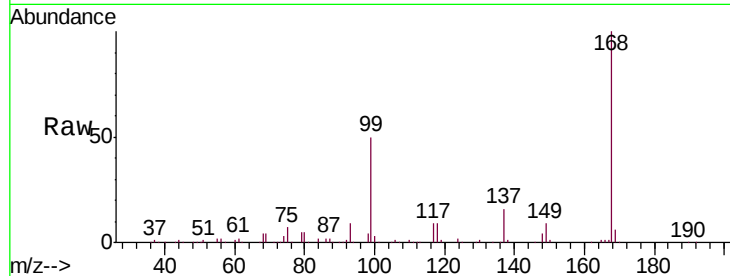
CON-WC-S-2-0-11

Tot Ion:168 Resp: 595000

Ion Ratio Lower Upper

168 100

99 50.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

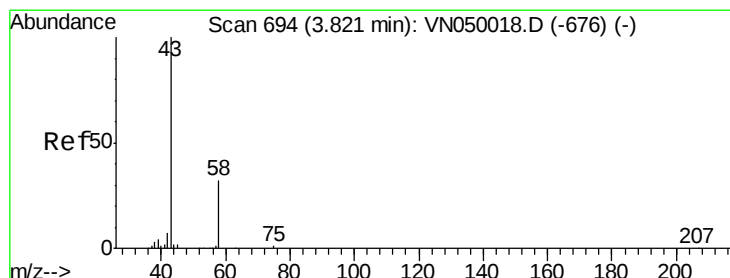
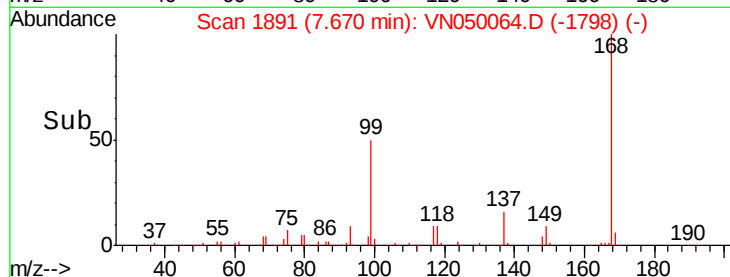
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.36 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050064.D

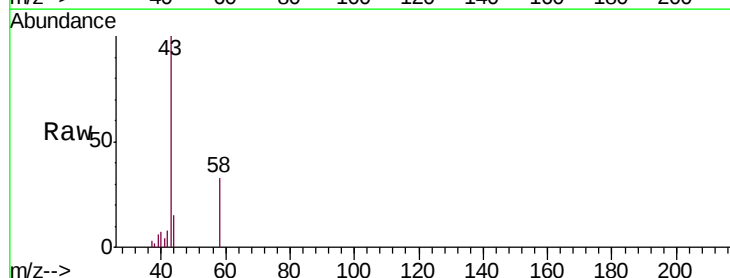
Acq: 26 Jul 2018 00:19

Tgt Ion: 43 Resp: 28393

Ion Ratio Lower Upper

43 100

58 33.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

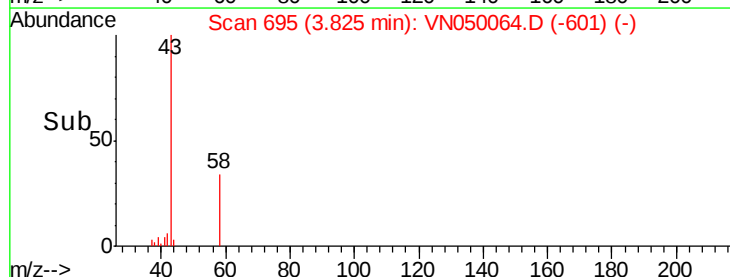
6000

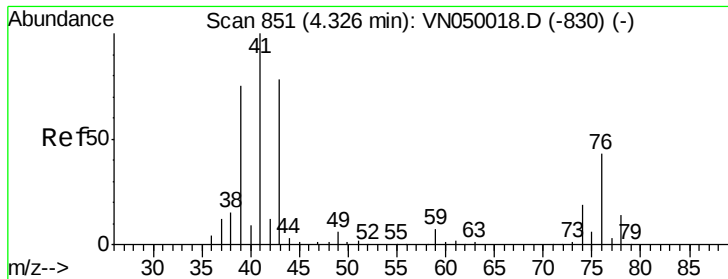
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

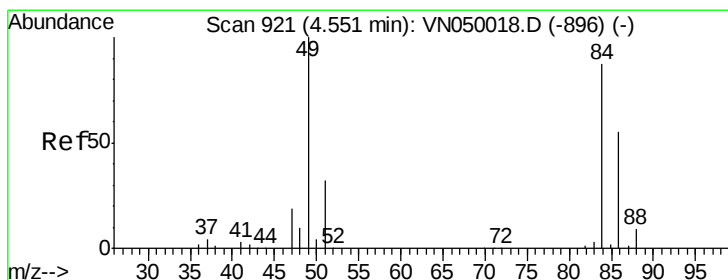
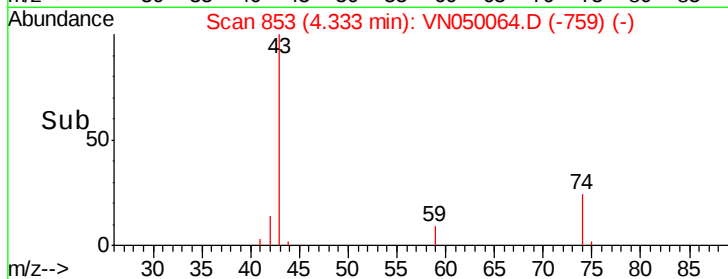
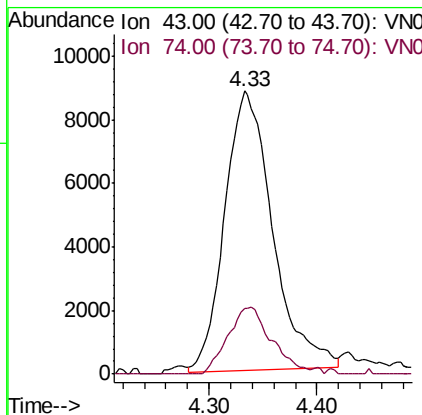
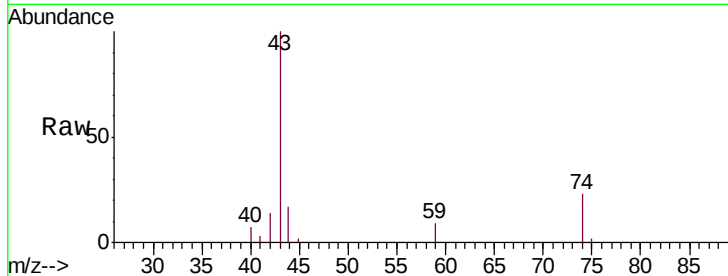




#18
Methvl Acetate
Concen: 2.03 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

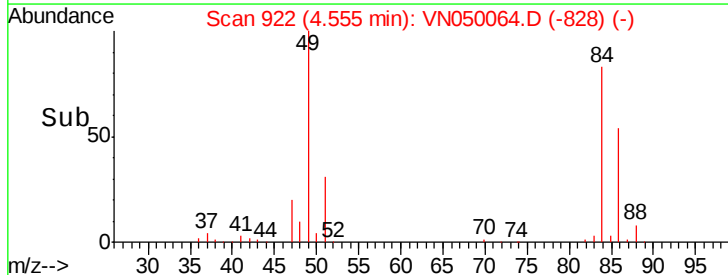
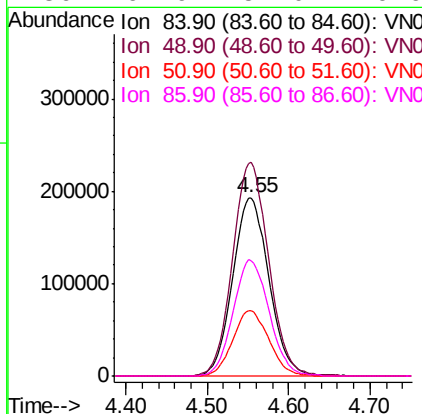
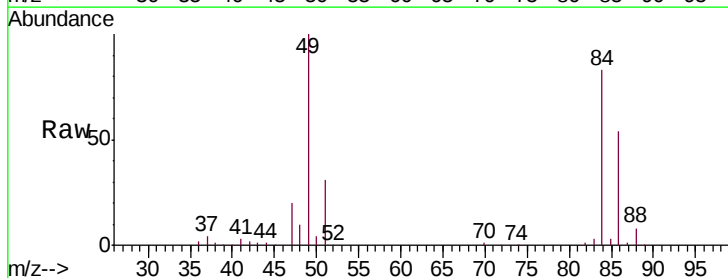
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-2-0-11

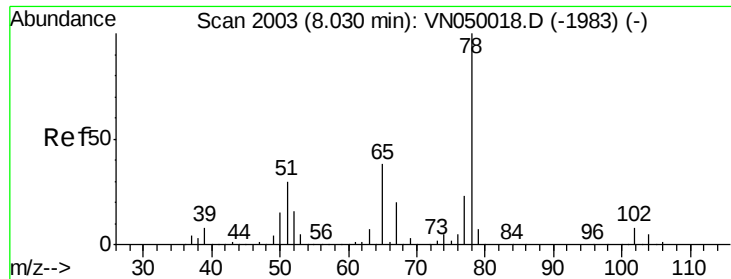
Tot Ion: 43 Resp: 27293
Ion Ratio Lower Upper
43 100
74 21.9 19.2 28.8



#20
Methylene Chloride
Concen: 81.82 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion: 84 Resp: 596334
Ion Ratio Lower Upper
84 100
49 119.9 94.8 142.2
51 36.7 28.3 42.5
86 64.9 51.0 76.6

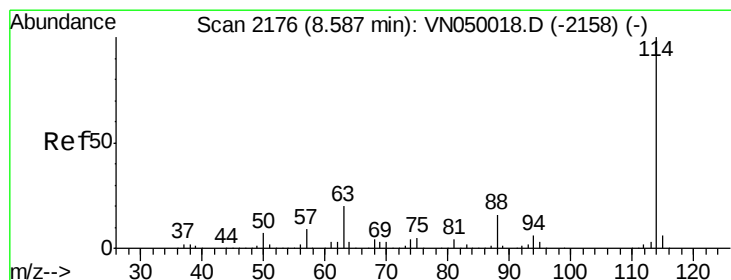
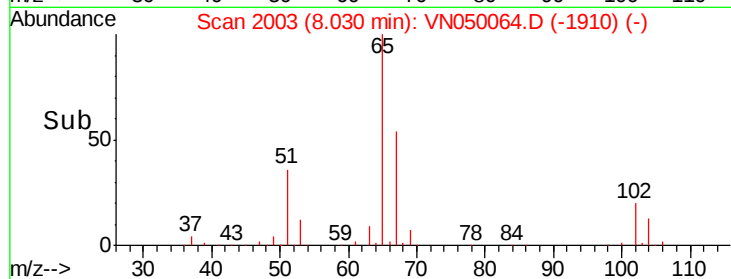
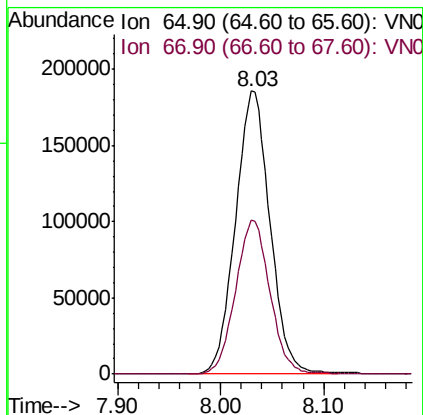
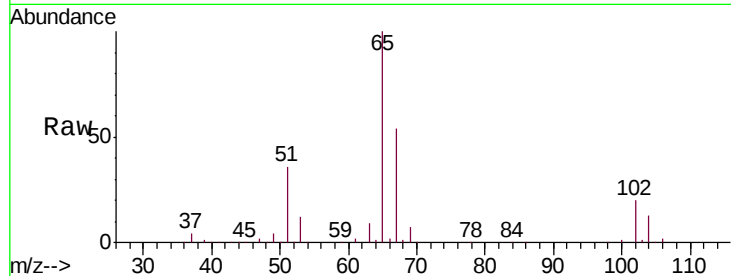




#33
 1,2-Dichloroethane-d4
 Concen: 52.05 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

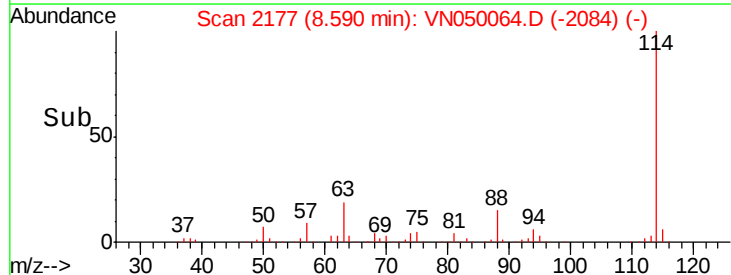
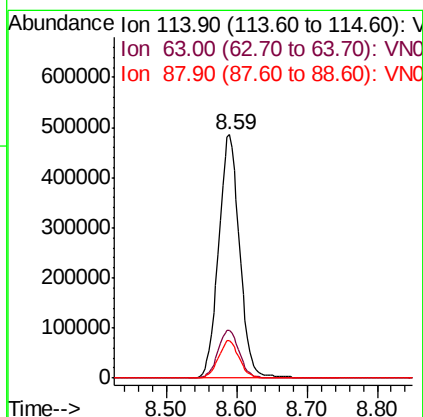
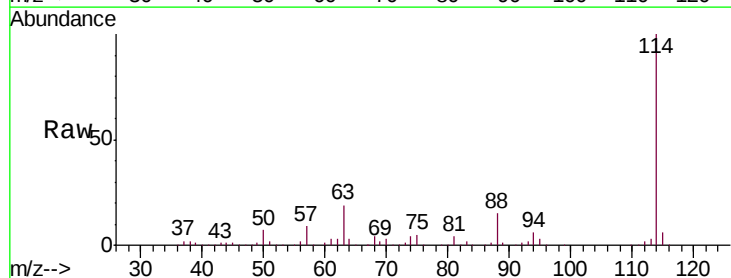
Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

Tot Ion: 65 Resp: 432087
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Tgt Ion: 114 Resp: 1004461
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.3 0.0 31.2

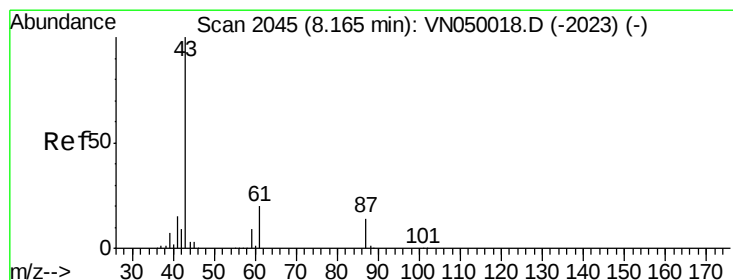
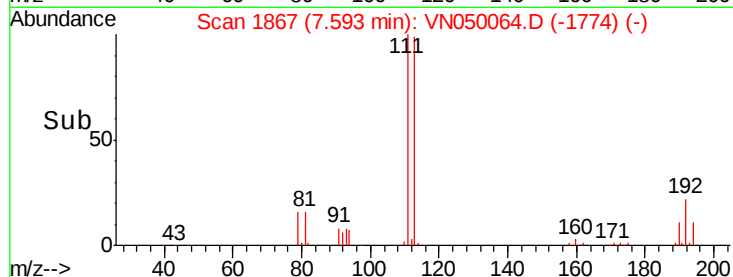
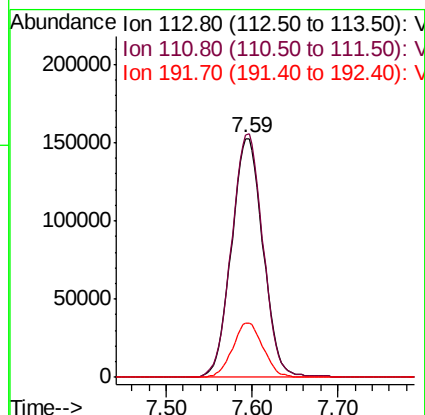
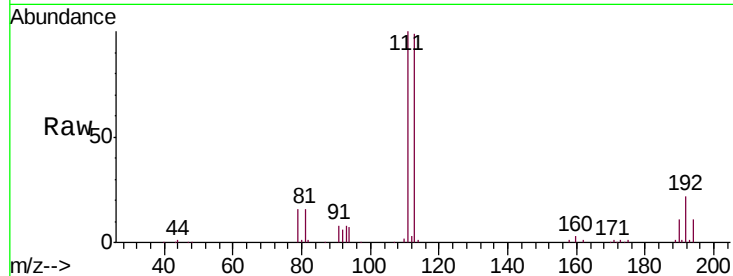




#35
 Dibromofluoromethane
 Concen: 47.45 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

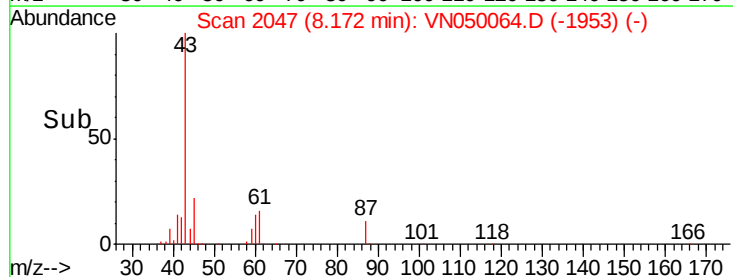
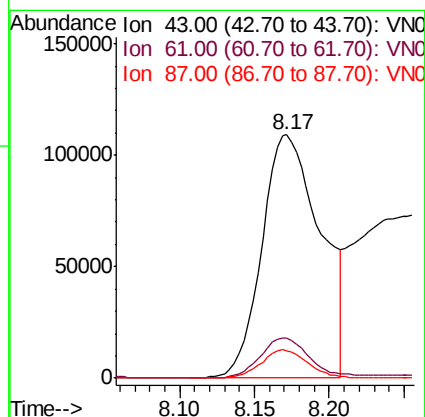
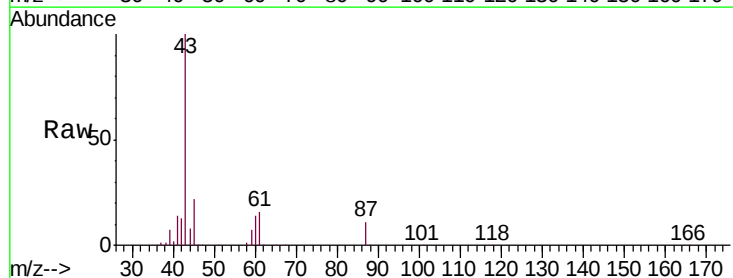
Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

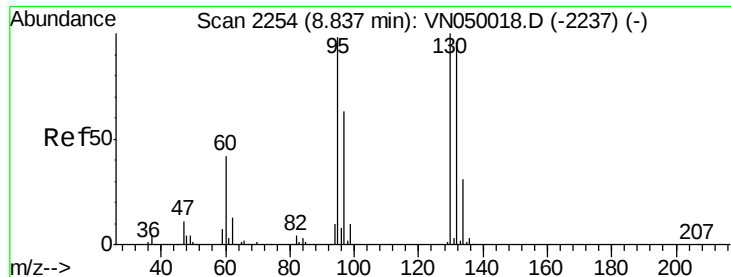
Tot Ion:113 Resp: 389176
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.27 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Tgt Ion: 43 Resp: 296886
 Ion Ratio Lower Upper
 43 100
 61 14.1 15.8 23.6#
 87 9.3 10.3 15.5#





#44

Trichloroethene

Concen: 1.38 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

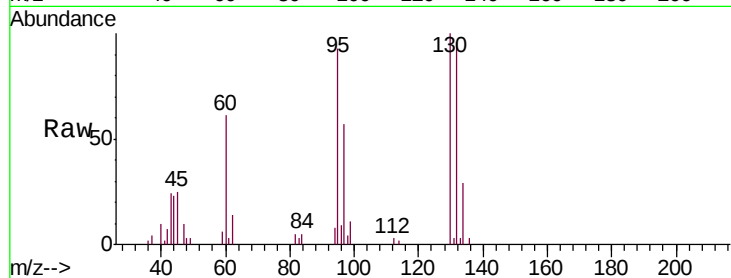
CON-WC-S-2-0-11

Tot Ion:130 Resp: 12724

Ion Ratio Lower Upper

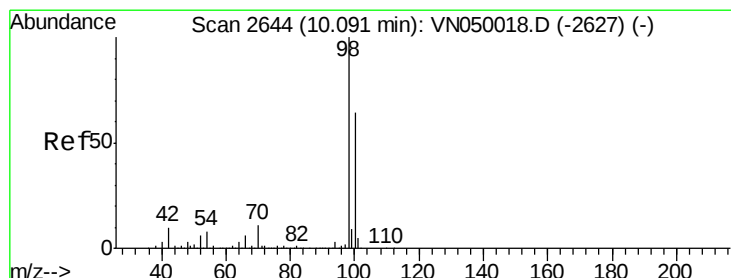
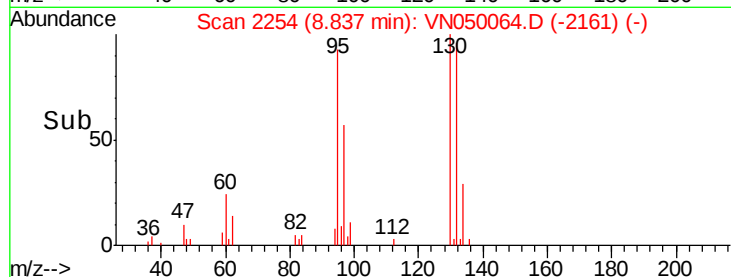
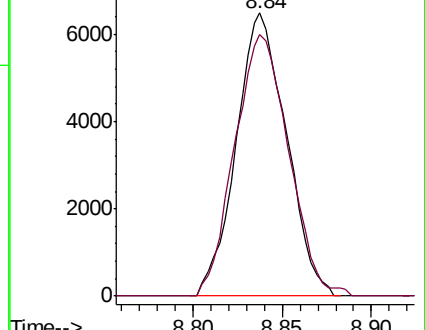
130 100

95 92.6 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050018.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050018.D (-2237) (-)



#50

Toluene-d8

Concen: 45.11 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050064.D

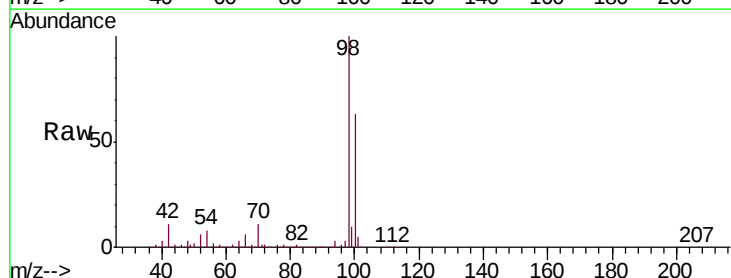
Acq: 26 Jul 2018 00:19

Tgt Ion: 98 Resp: 1360035

Ion Ratio Lower Upper

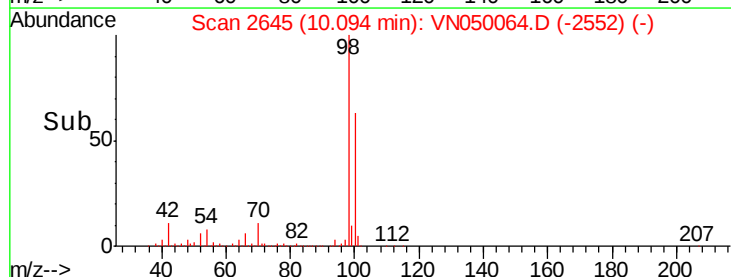
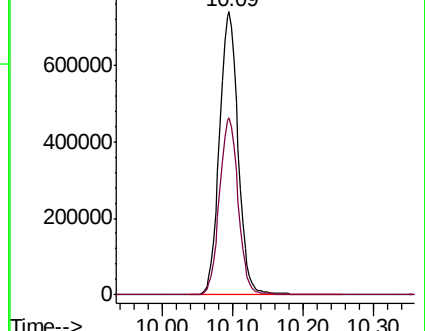
98 100

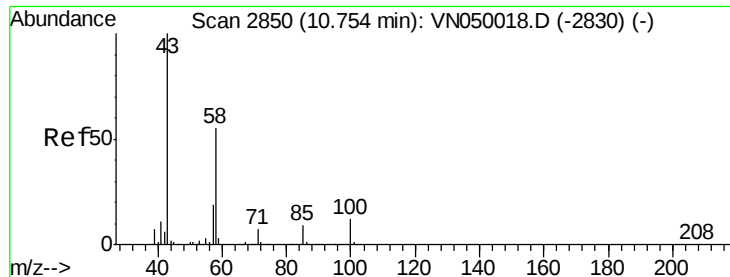
100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)





#59

2-Hexanone

Concen: 7.75 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

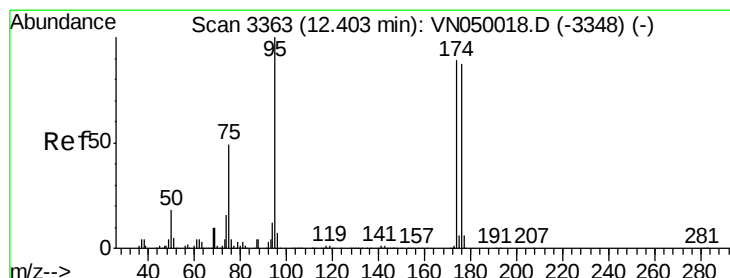
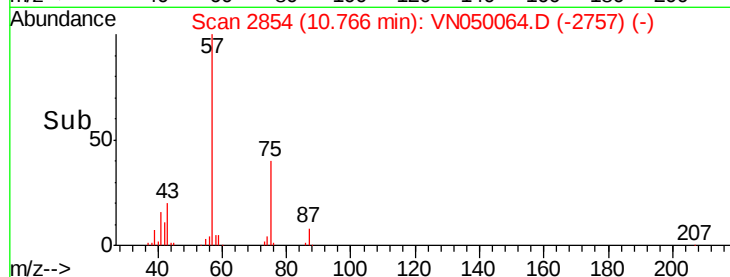
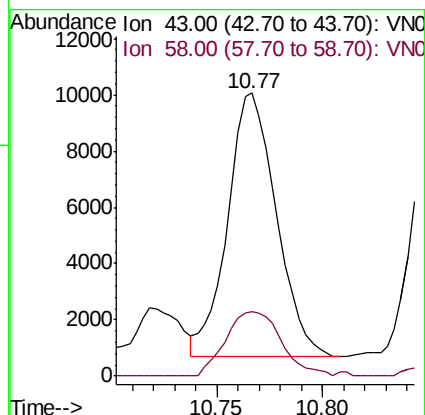
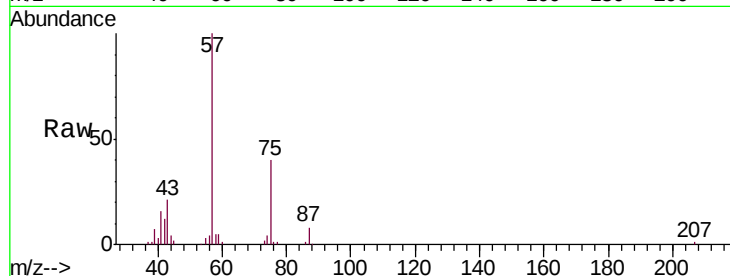
CON-WC-S-2-0-11

Tot Ion: 43 Resp: 15012

Ion Ratio Lower Upper

43 100

58 28.0 27.6 82.7



#62

4-Bromofluorobenzene

Concen: 39.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

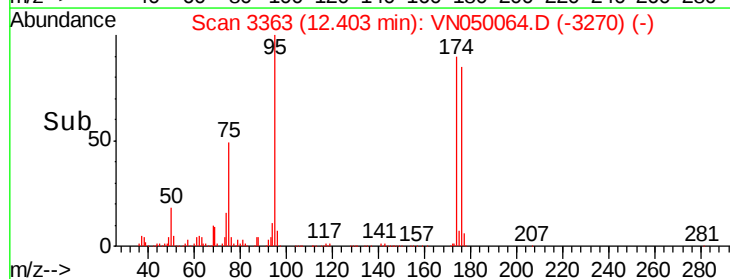
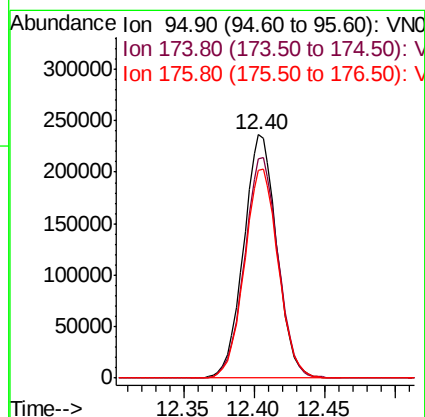
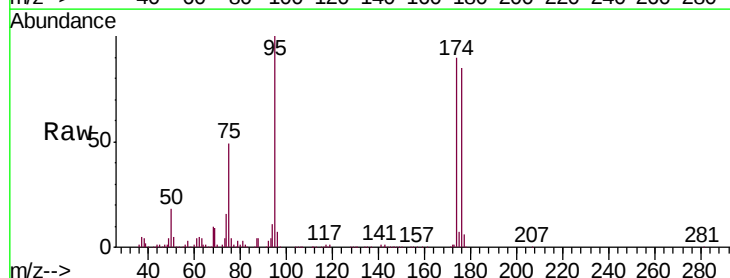
Tgt Ion: 95 Resp: 389693

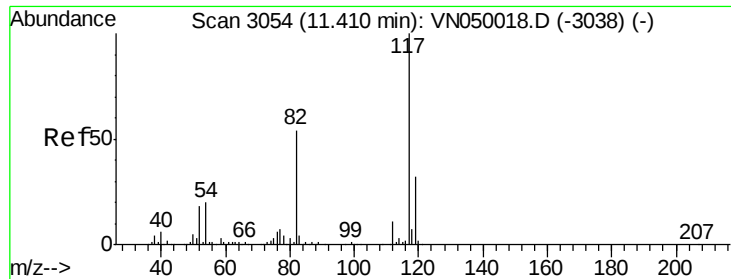
Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.2

176 87.5 0.0 173.4

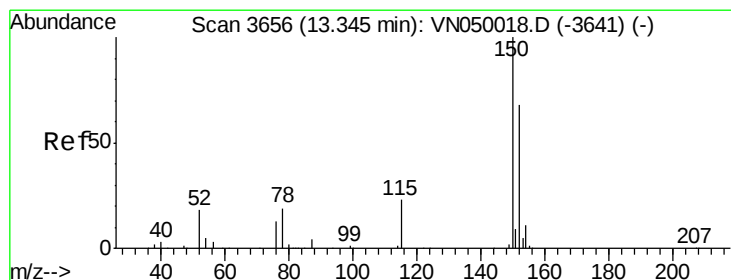
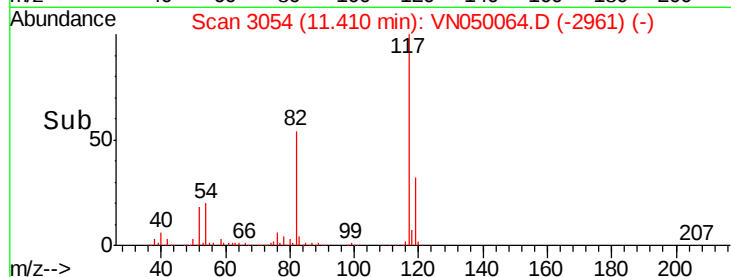
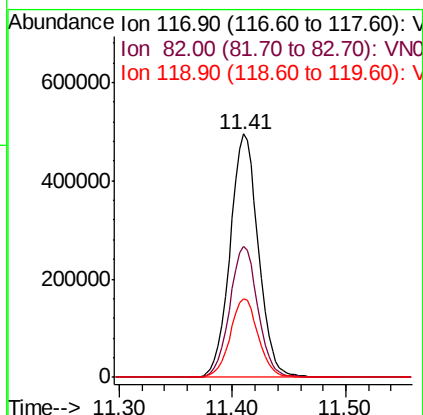
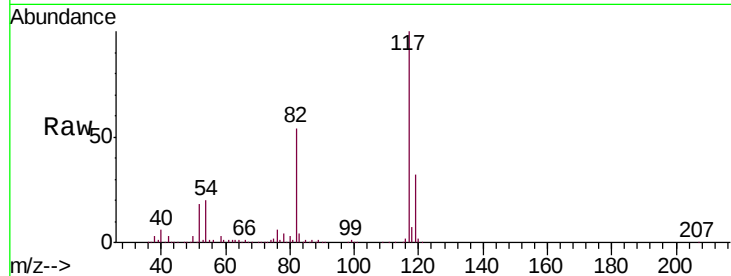




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

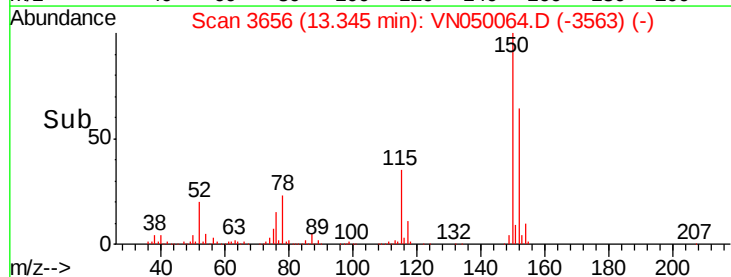
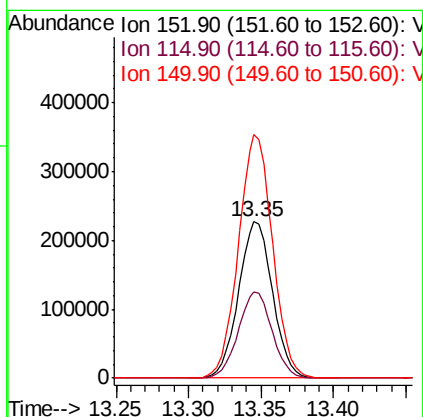
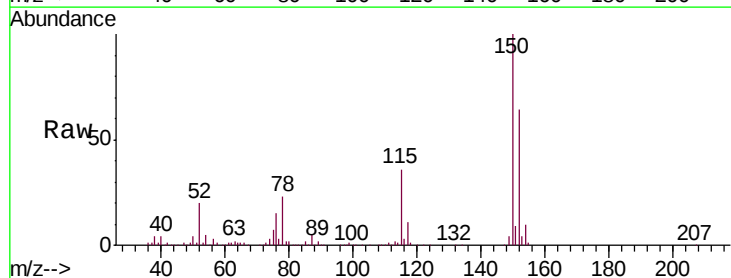
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-2-0-11

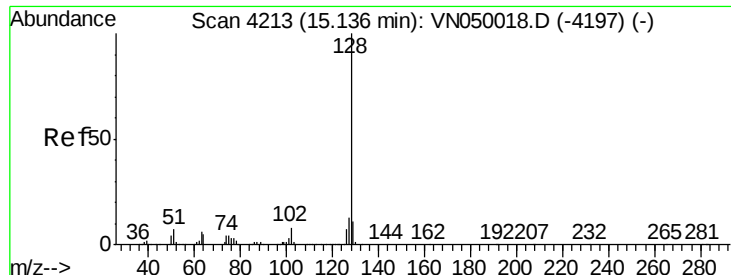
Tot Ion:117 Resp: 860066
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion:152 Resp: 369167
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.3
150 156.1 0.0 348.6

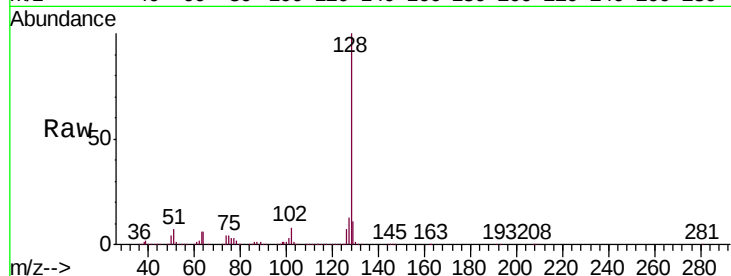




#95
 Naphthalene
 Concen: 669.50 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

Tot Ion:128 Resp:12299088
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 1e+07 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

