

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050554.D
 Acq On : 11 Aug 2018 7:02
 Operator : MD\SY
 Sample : J4282-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080918-A

Quant Time: Aug 13 00:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1031965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	898413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344824	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	430903	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
35) Dibromofluoromethane	7.59	113	398100	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1408214	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
62) 4-Bromofluorobenzene	12.40	95	404239	38.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.20%	

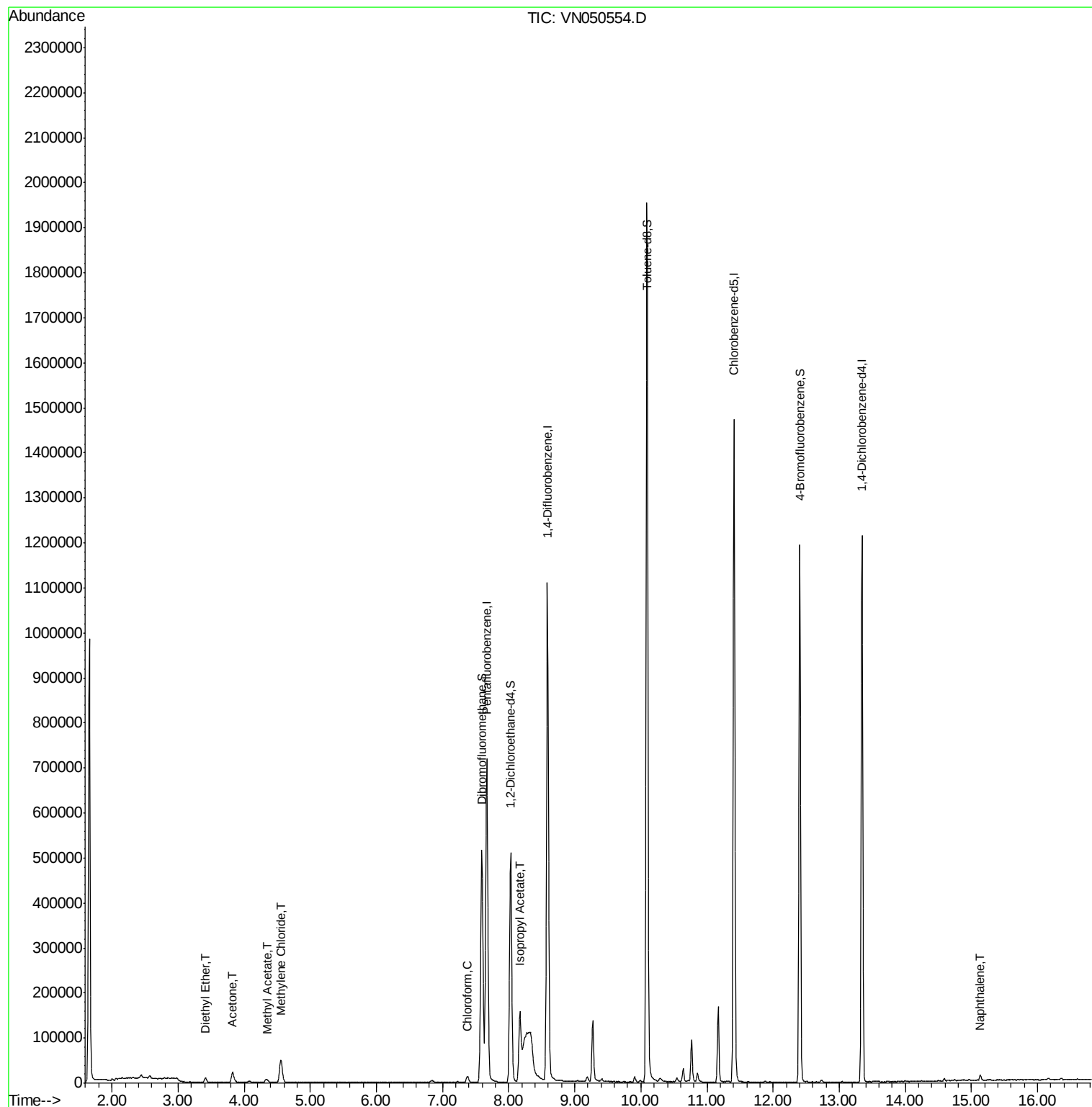
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	4695	1.12	ug/l	83
16) Acetone	3.82	43	40242	16.11	ug/l	98
18) Methyl Acetate	4.34	43	14664	2.12	ug/l #	60
20) Methylene Chloride	4.55	84	41333	4.10	ug/l	95
30) Chloroform	7.38	83	15951	1.19	ug/l	98
43) Isopropyl Acetate	8.17	43	198027	14.05	ug/l	95
95) Naphthalene	15.13	128	10466	4.20	ug/l	100

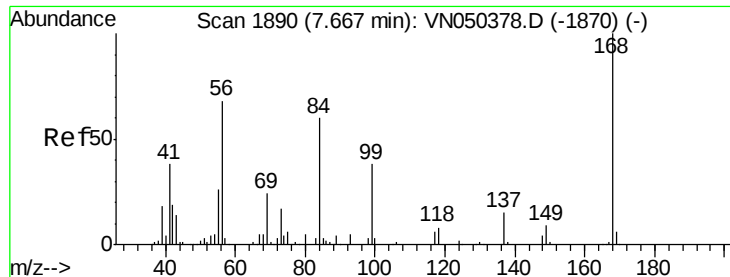
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050554.D

Acq: 11 Aug 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

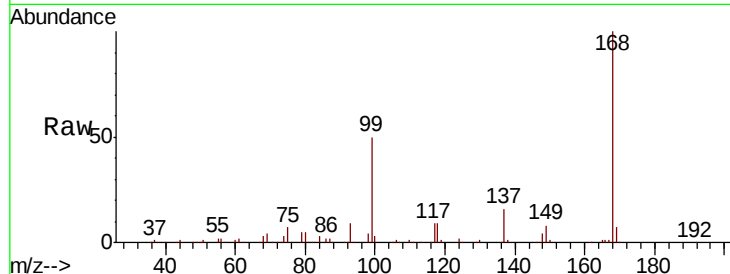
SU-02-080918-A

Tot Ion:168 Resp: 613947

Ion Ratio Lower Upper

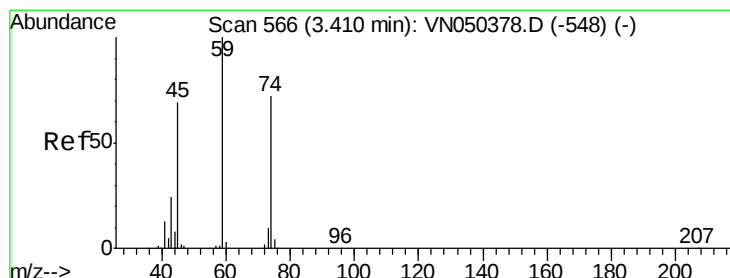
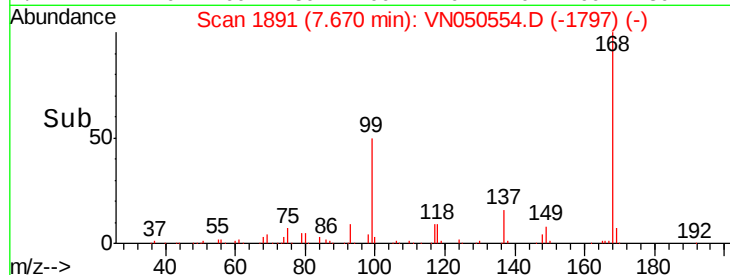
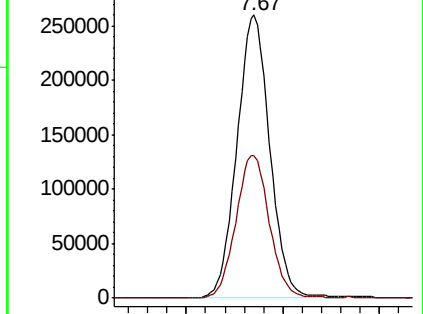
168 100

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



#8

Diethyl Ether

Concen: 1.12 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN050554.D

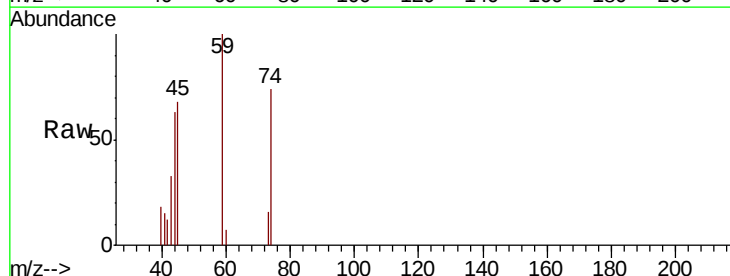
Acq: 11 Aug 2018 7:02

Tgt Ion: 74 Resp: 4695

Ion Ratio Lower Upper

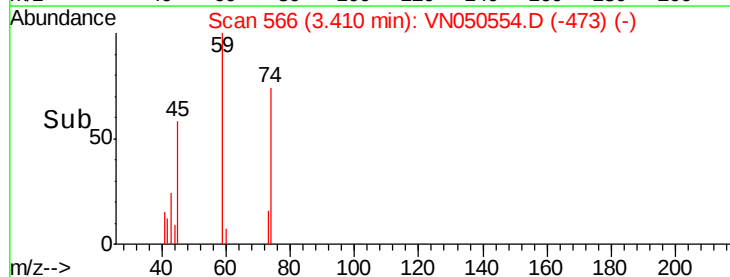
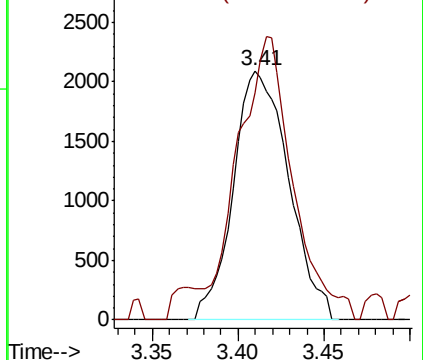
74 100

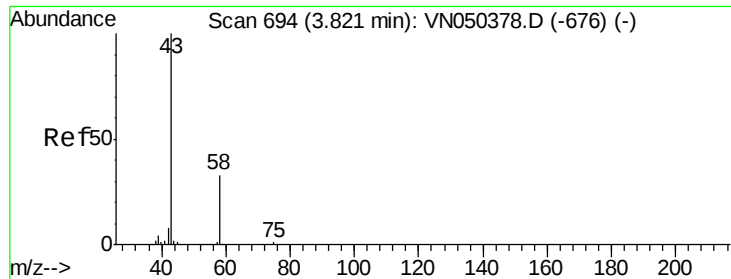
45 111.9 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 16.11 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050554.D

Acq: 11 Aug 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

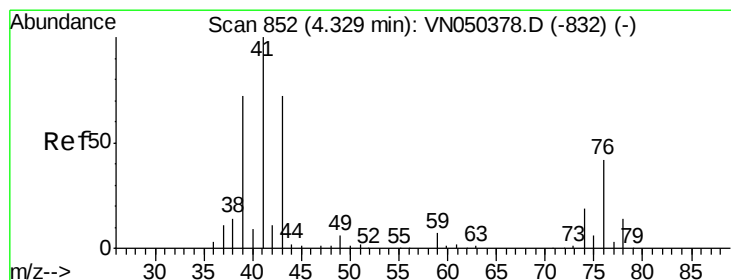
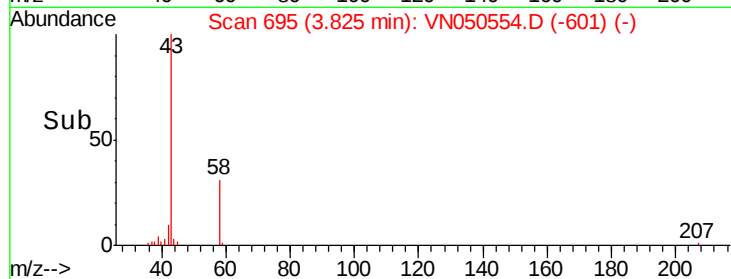
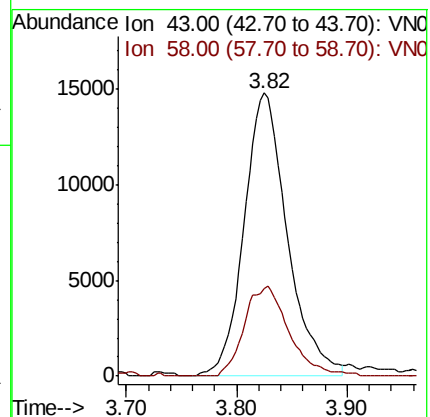
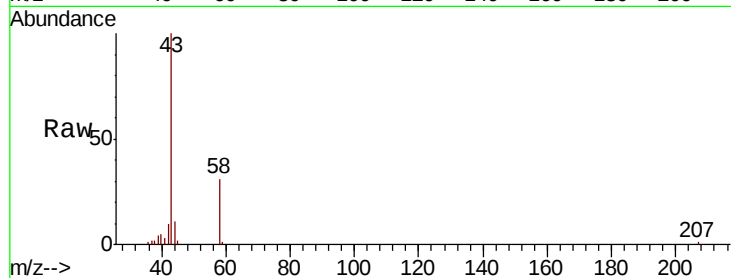
SU-02-080918-A

Tot Ion: 43 Resp: 40242

Ion Ratio Lower Upper

43 100

58 31.1 25.8 38.8



#18

Methyl Acetate

Concen: 2.12 ug/l

RT: 4.34 min Scan# 856

Delta R.T. 0.01 min

Lab File: VN050554.D

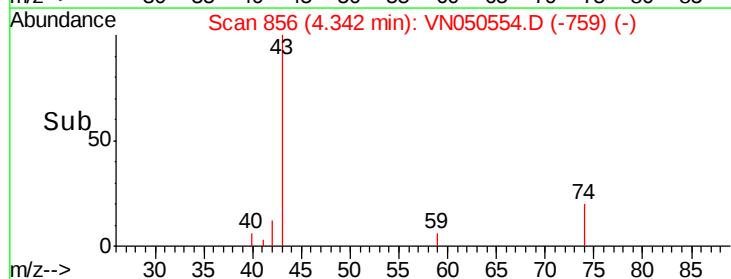
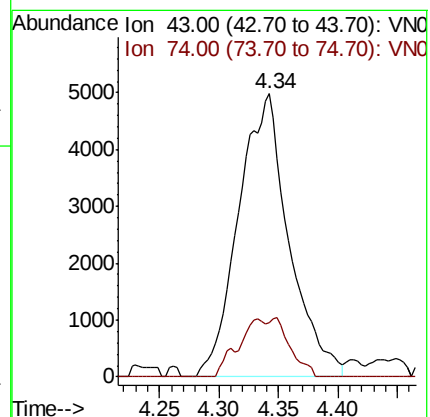
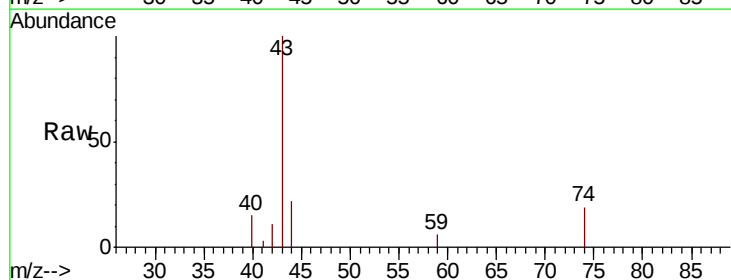
Acq: 11 Aug 2018 7:02

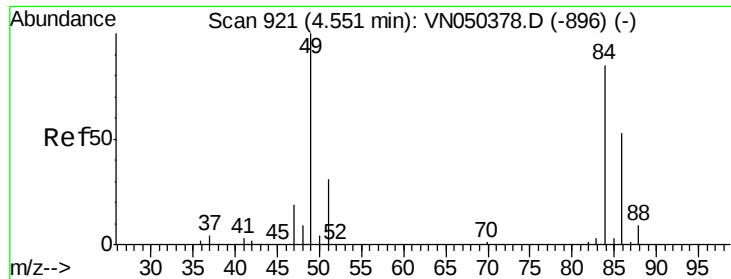
Tgt Ion: 43 Resp: 14664

Ion Ratio Lower Upper

43 100

74 4.4 19.2 28.8#

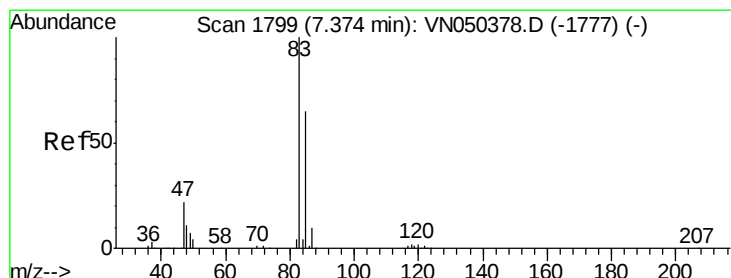
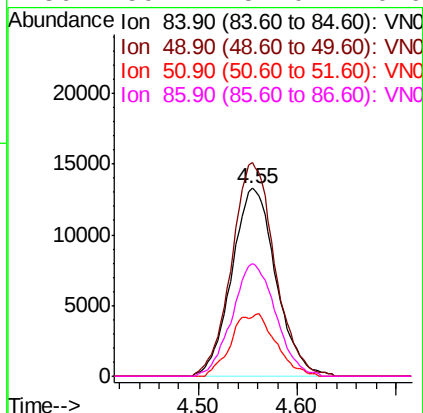
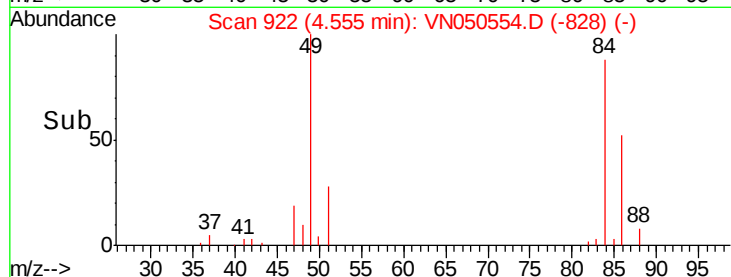
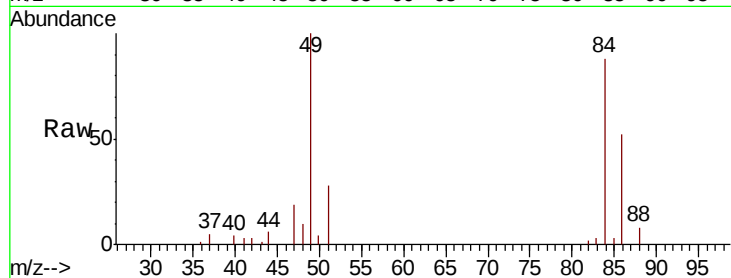




#20
Methvlene Chloride
Concen: 4.10 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050554.D
Acq: 11 Aug 2018 7:02

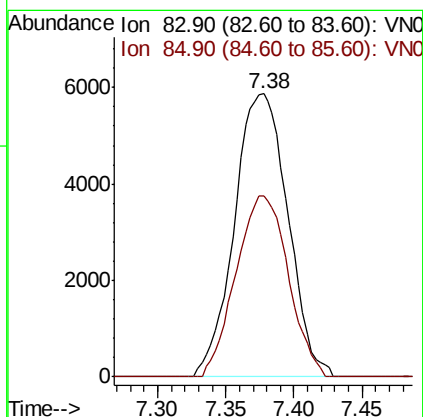
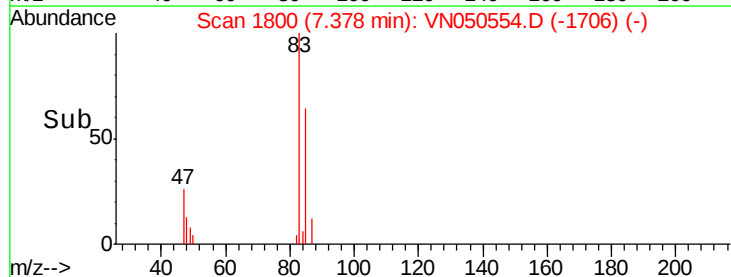
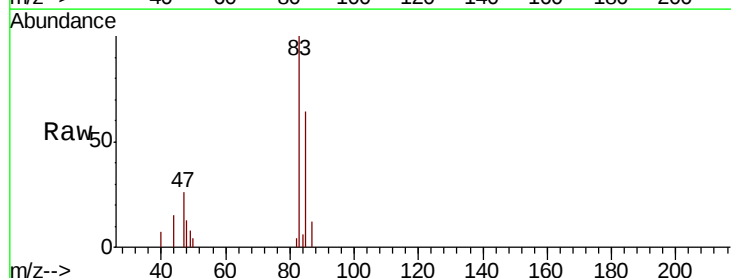
Instrument :
MSVOA_N
ClientSampleId :
SU-02-080918-A

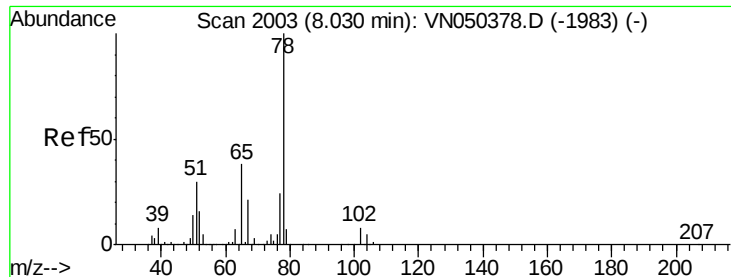
Tot Ion: 84 Resp: 41333
Ion Ratio Lower Upper
84 100
49 113.7 94.8 142.2
51 31.3 28.3 42.5
86 59.7 51.0 76.6



#30
Chloroform
Concen: 1.19 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050554.D
Acq: 11 Aug 2018 7:02

Tgt Ion: 83 Resp: 15951
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 52.53 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050554.D

Acq: 11 Aug 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

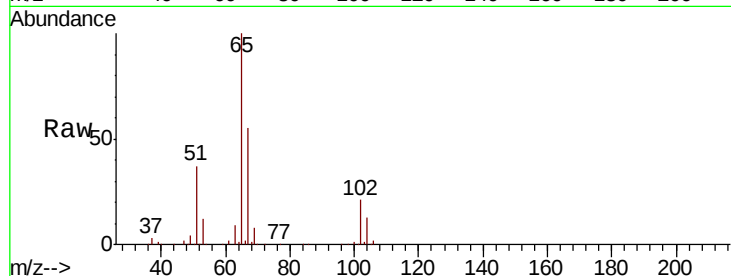
SU-02-080918-A

Tot Ion: 65 Resp: 430903

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

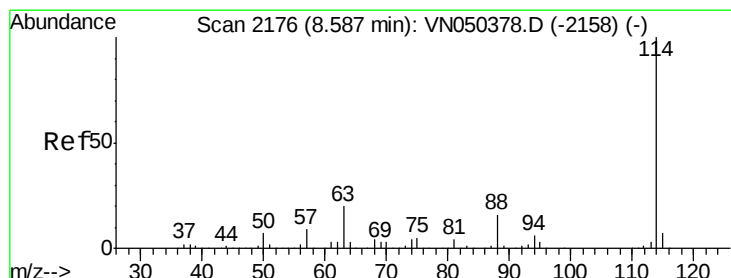
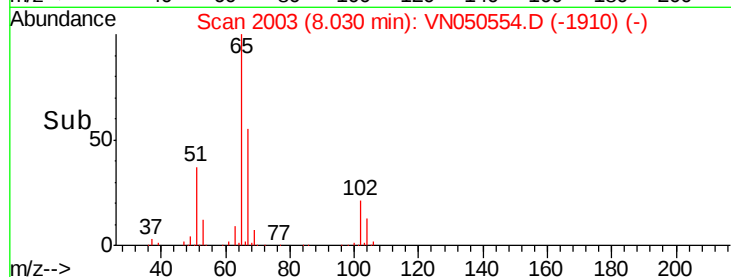
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050554.D

Acq: 11 Aug 2018 7:02

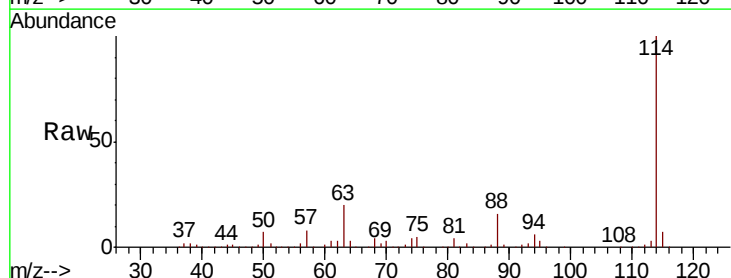
Tgt Ion:114 Resp: 1031965

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

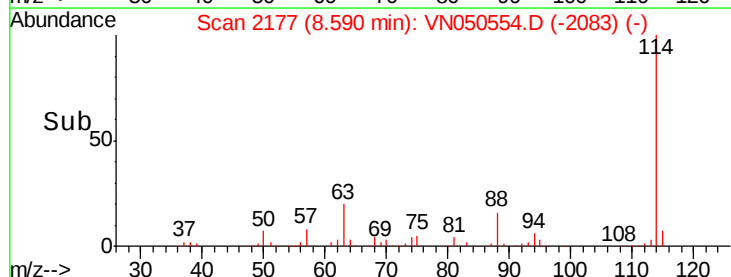
600000

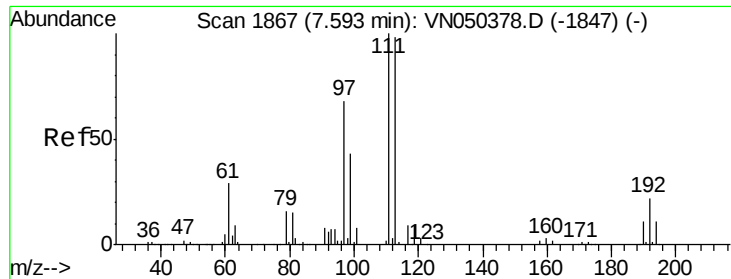
400000

200000

0

Time--> 8.50 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 48.08 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050554.D

Acq: 11 Aug 2018 7:02

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080918-A

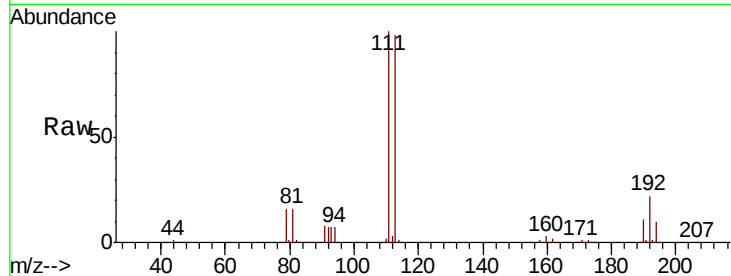
Tot Ion:113 Resp: 398100

Ion Ratio Lower Upper

113 100

111 101.1 80.7 121.1

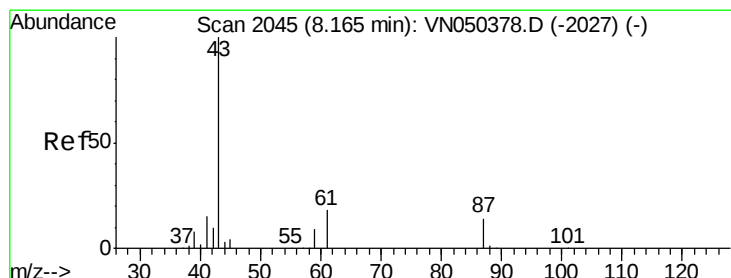
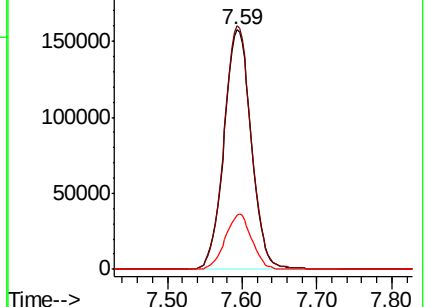
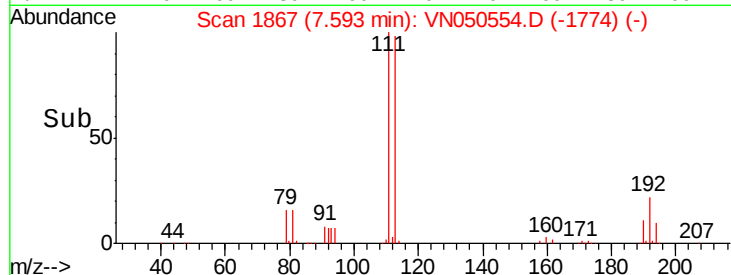
192 22.6 17.8 26.6



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



#43

Isopropyl Acetate

Concen: 14.05 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050554.D

Acq: 11 Aug 2018 7:02

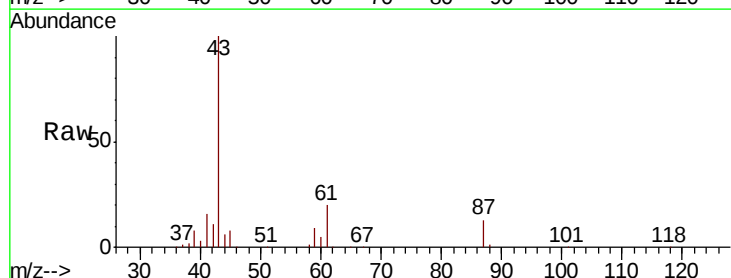
Tgt Ion: 43 Resp: 198027

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.6

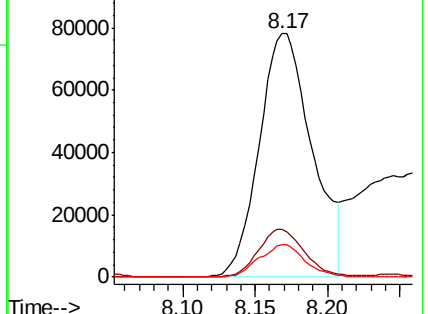
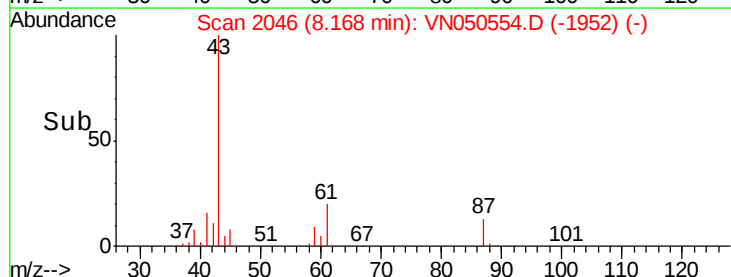
87 11.6 10.3 15.5

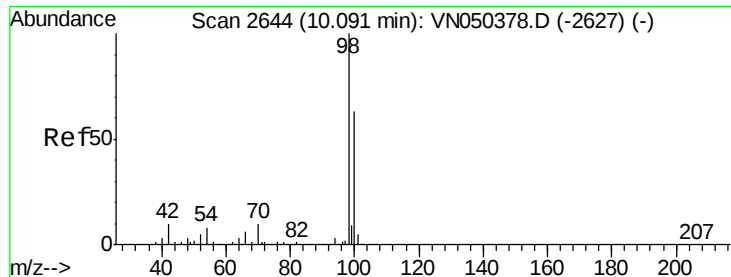


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

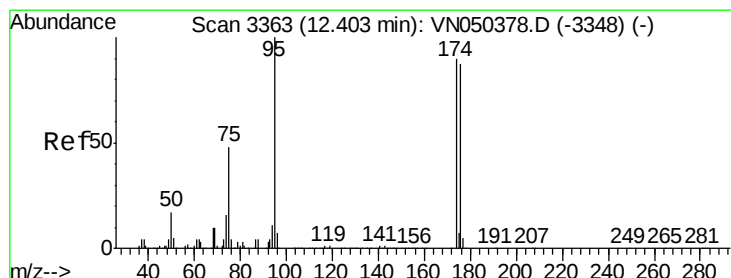
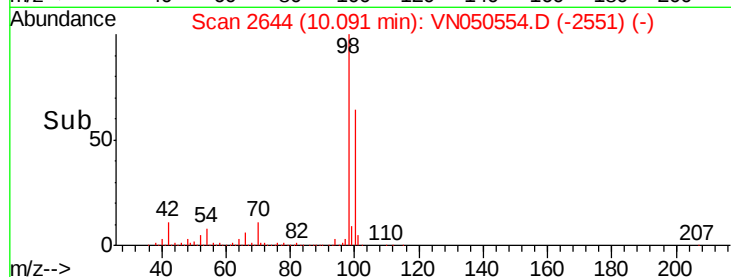
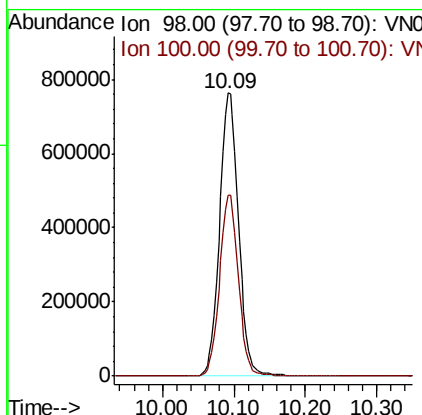
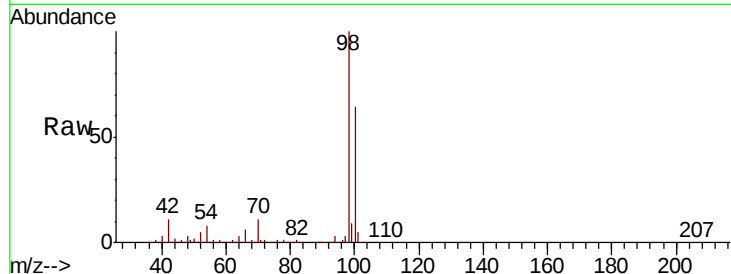




#50
Toluene-d8
Concen: 45.23 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050554.D
Acq: 11 Aug 2018 7:02

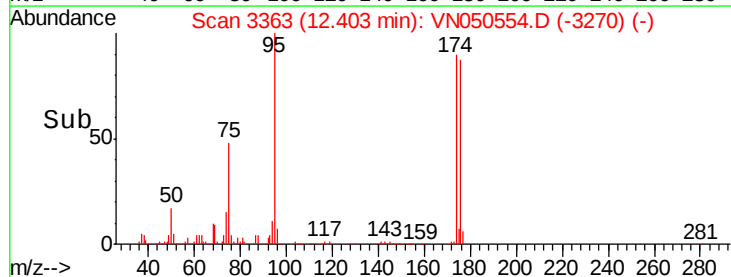
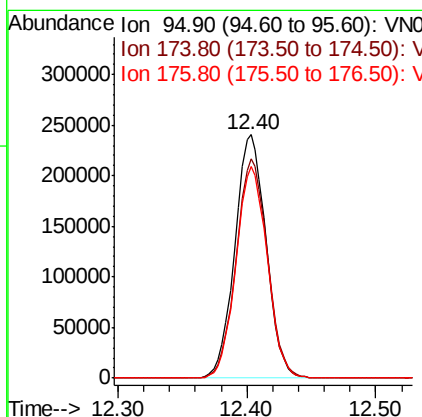
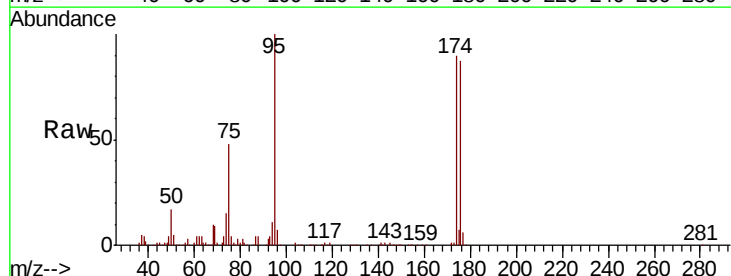
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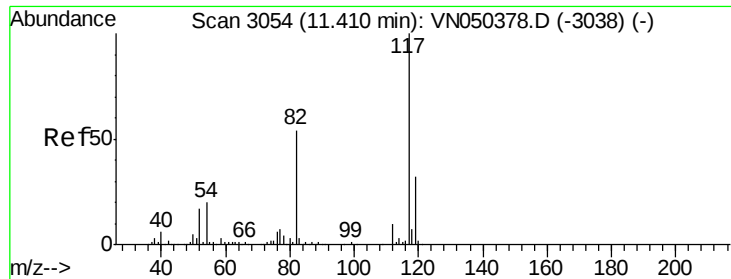
Tot Ion: 98 Resp: 1408214
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 38.10 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050554.D
Acq: 11 Aug 2018 7:02

Tgt Ion: 95 Resp: 404239
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.2
176 87.0 0.0 173.4

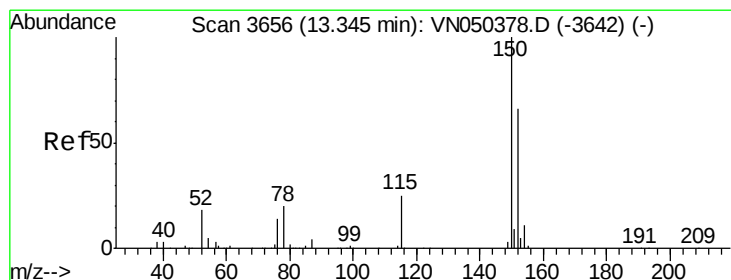
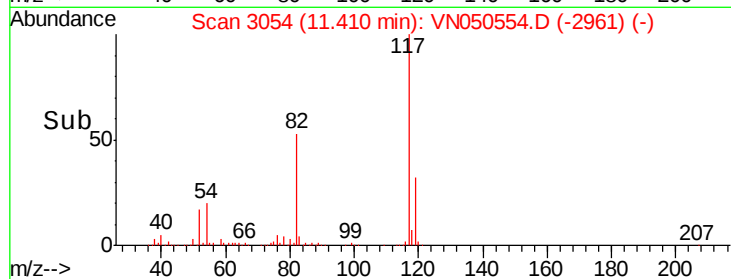
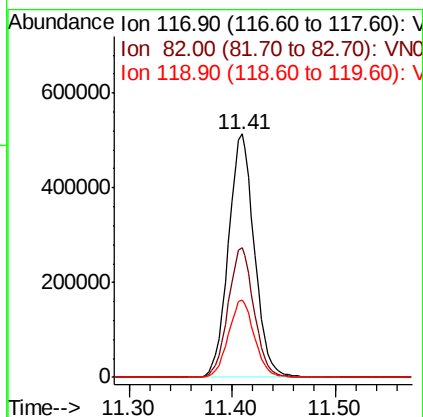
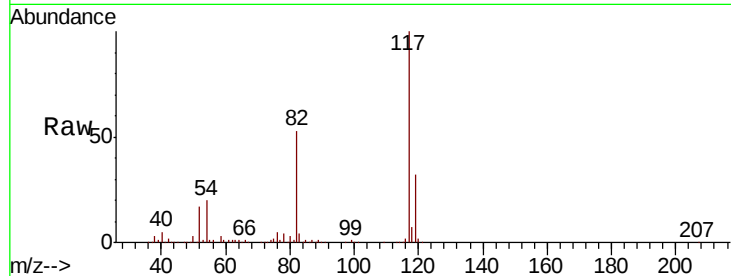




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050554.D
Acq: 11 Aug 2018 7:02

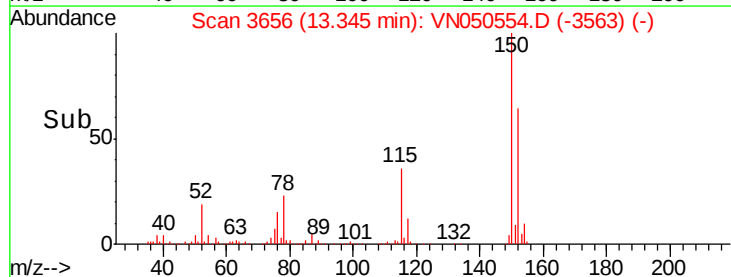
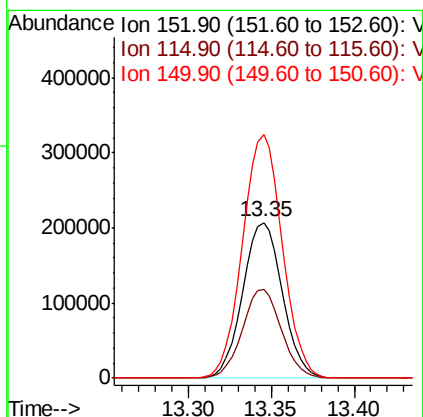
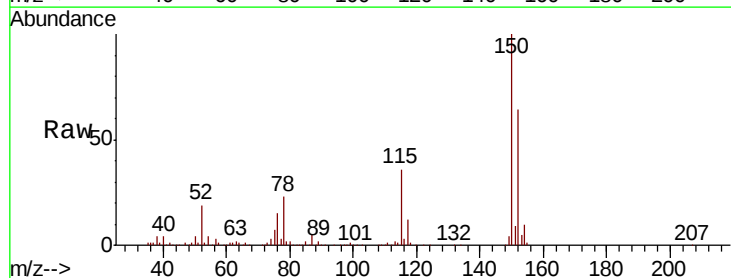
Instrument :
MSVOA_N
ClientSampleId :
SU-02-080918-A

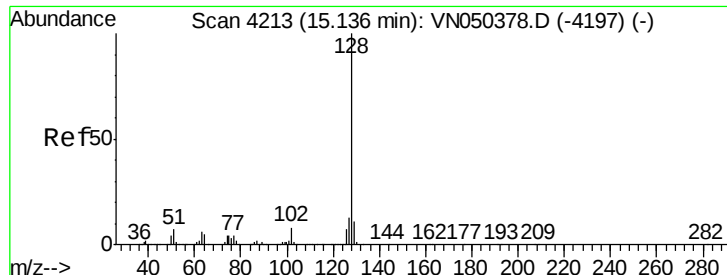
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.7	65.5
119	31.9	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050554.D
Acq: 11 Aug 2018 7:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.8	83.3
150	157.2	0.0	348.6

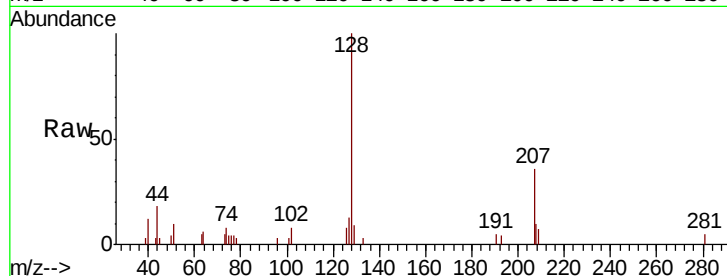




#95
 Naphthalene
 Concen: 4.20 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN050554.D
 Acq: 11 Aug 2018 7:02

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080918-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2



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

