

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056006.D
 Acq On : 5 Jun 2019 13:41
 Operator : JC/SP
 Sample : K3163-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-060419-B

Quant Time: Jun 06 01:53:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

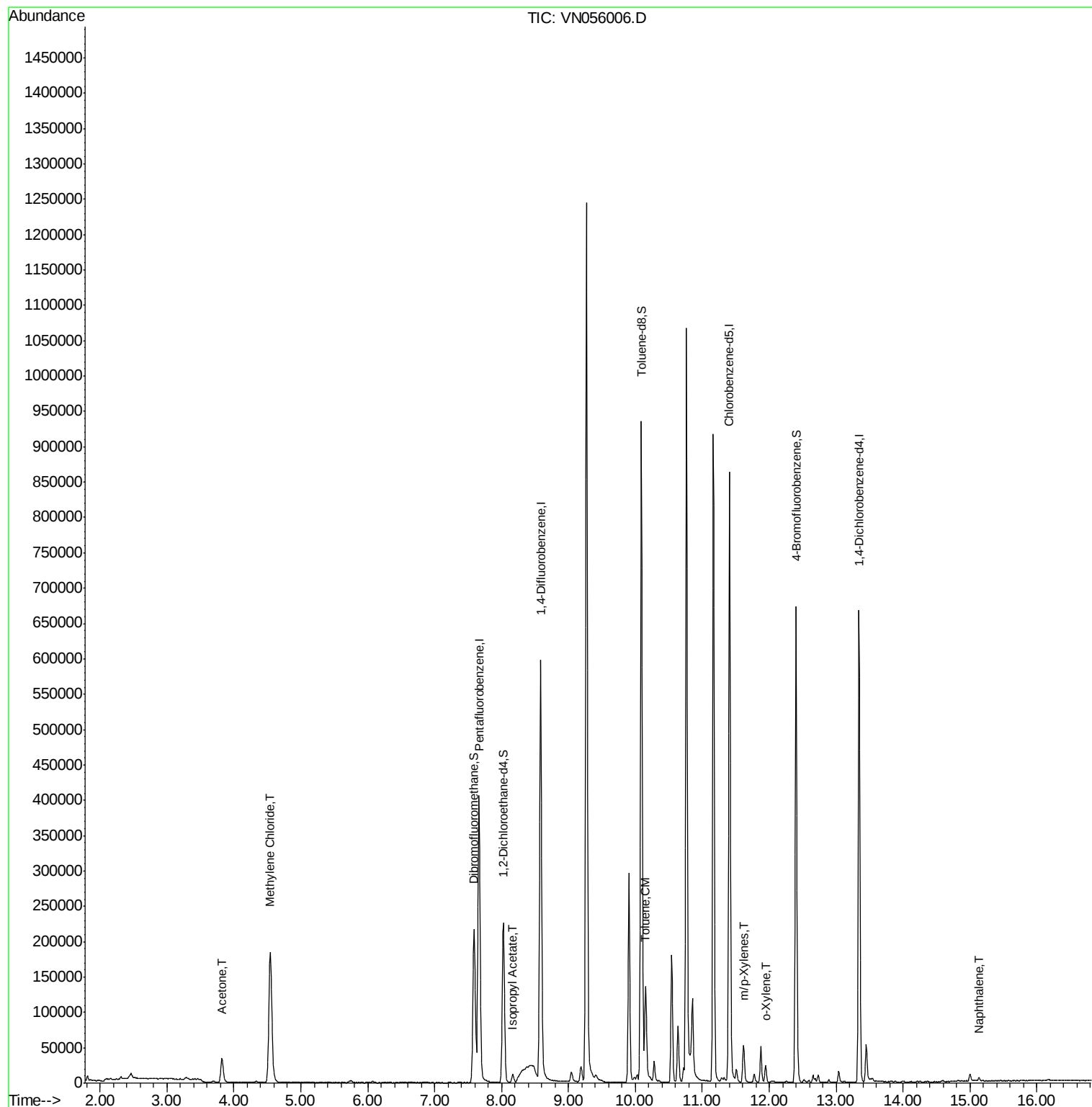
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	392992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	594348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	185600	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.59	113	166730	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
50) Toluene-d8	10.09	98	712834	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.40	95	240008	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
Target Compounds						
16) Acetone	3.82	43	59084	31.659	ug/l	99
20) Methylene Chloride	4.54	84	156902	40.808	ug/l	97
43) Isopropyl Acetate	8.17	43	13959	1.894	ug/l #	89
52) Toluene	10.16	92	59732	6.184	ug/l	99
68) m/p-Xylenes	11.62	106	18586	2.478	ug/l	100
69) o-Xylene	11.95	106	7494	1.016	ug/l	92
95) Naphthalene	15.13	128	5819	4.403	ug/l #	96

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

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SU-02-060419-B

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 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: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

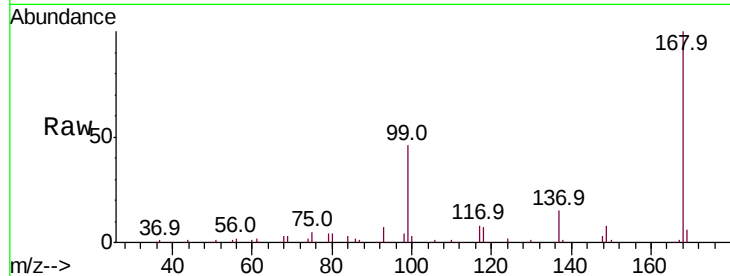
SU-02-060419-B

Tot Ion:168 Resp: 392992

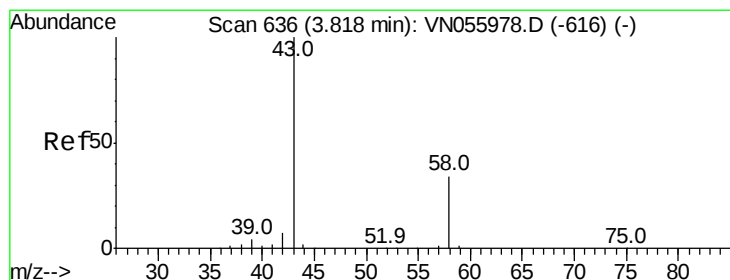
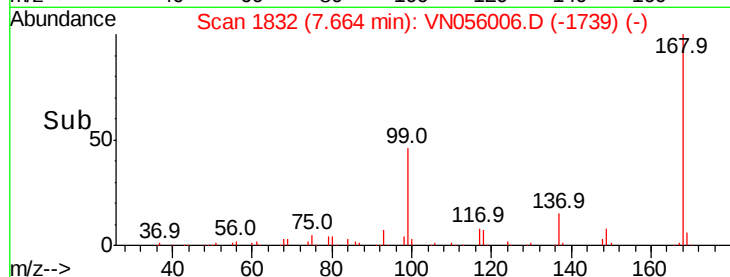
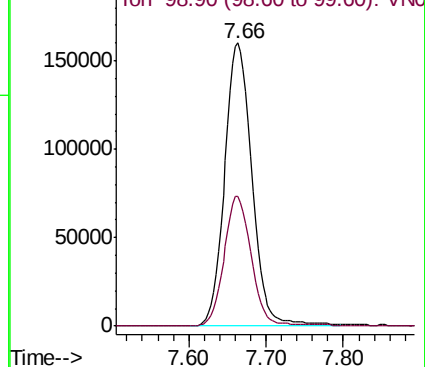
Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)



#16

Acetone

Concen: 31.659 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056006.D

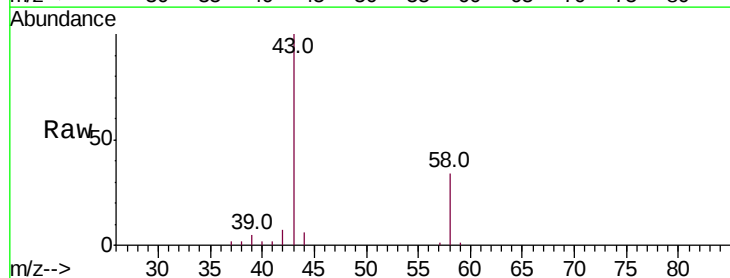
Acq: 5 Jun 2019 13:41

Tgt Ion: 43 Resp: 59084

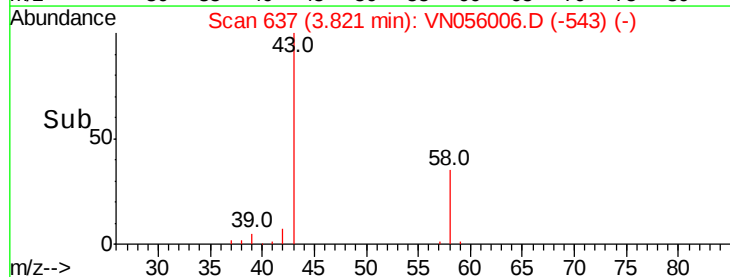
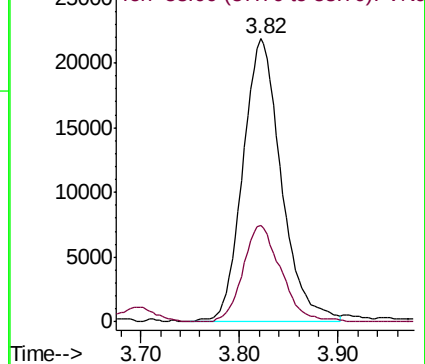
Ion Ratio Lower Upper

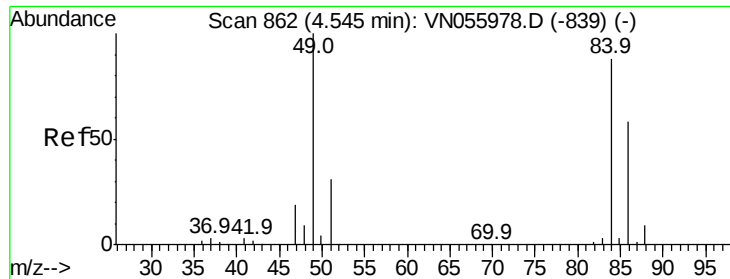
43 100

58 33.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)





#20

Methylene Chloride

Concen: 40.808 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

SU-02-060419-B

Tot Ion: 84 Resp: 156902

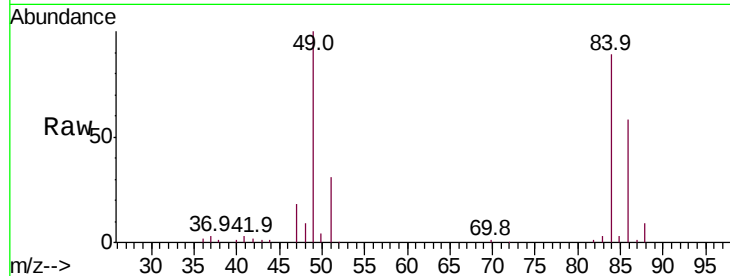
Ion Ratio Lower Upper

84 100

49 112.5 93.5 140.3

51 34.4 28.6 43.0

86 65.6 52.6 79.0

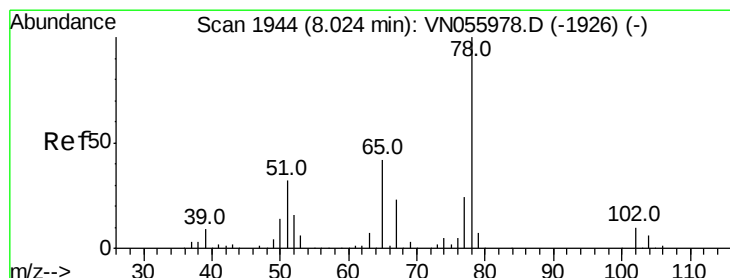
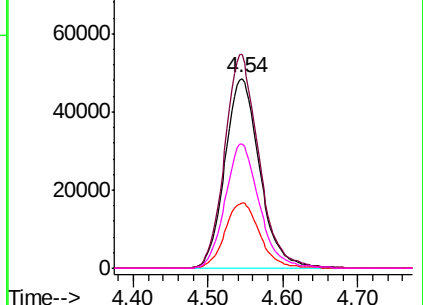
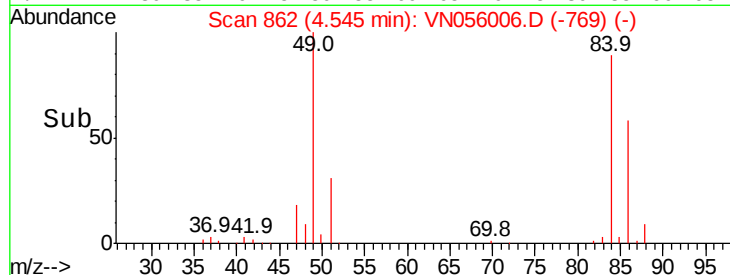


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 47.564 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056006.D

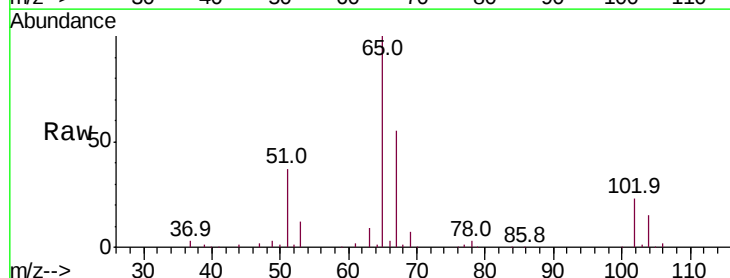
Acq: 5 Jun 2019 13:41

Tgt Ion: 65 Resp: 185600

Ion Ratio Lower Upper

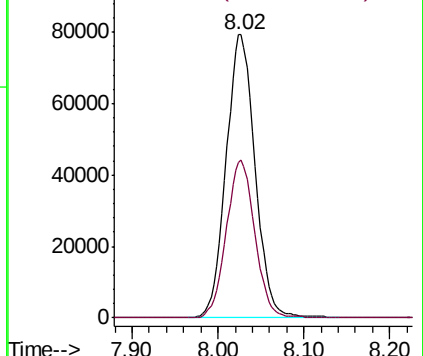
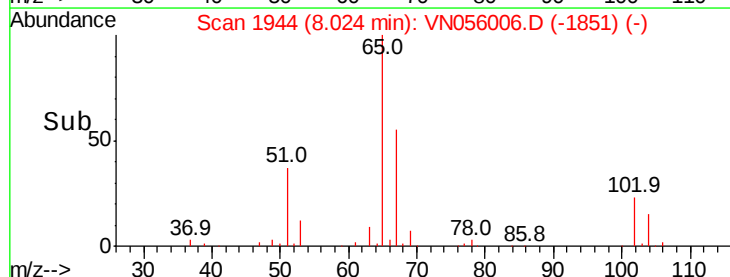
65 100

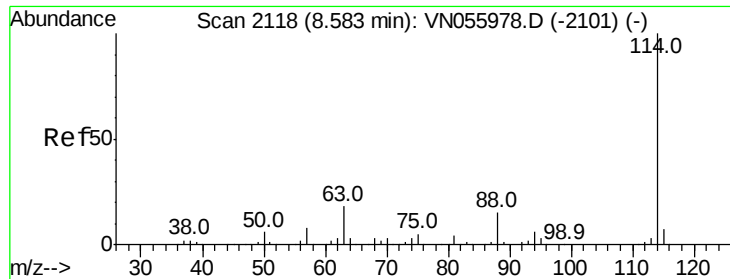
67 54.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

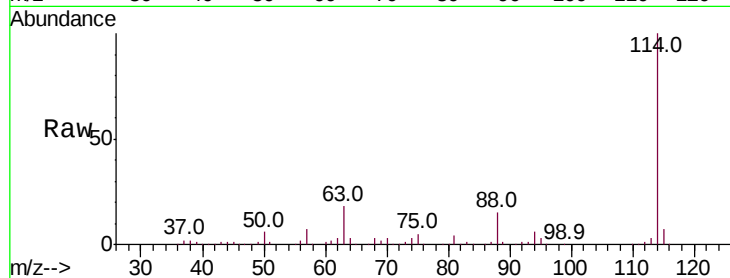




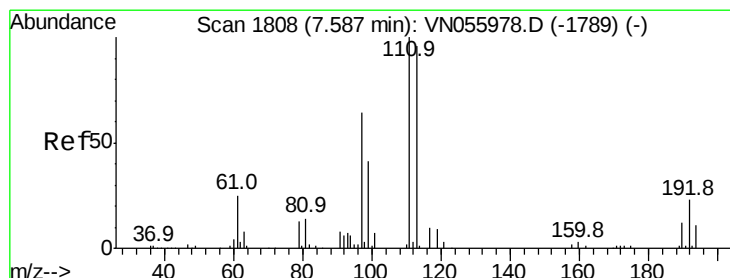
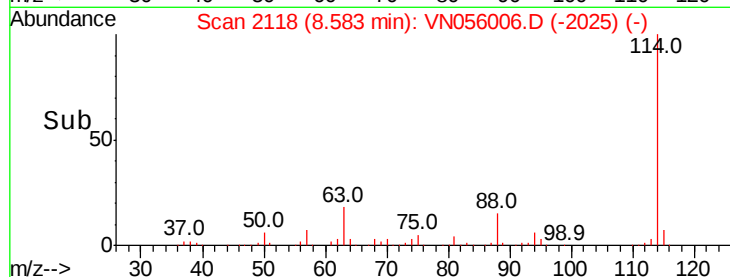
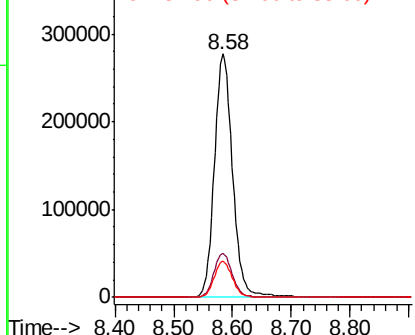
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-060419-B

Tot Ion:114 Resp: 594348
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 15.0 0.0 31.0

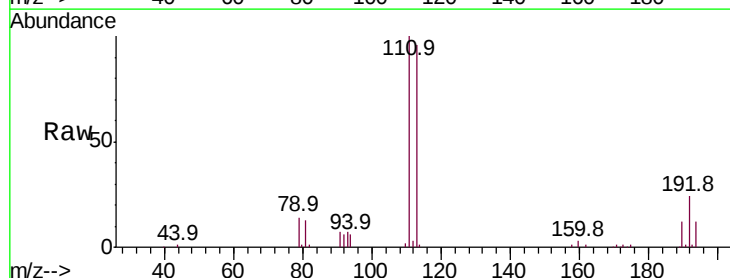


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

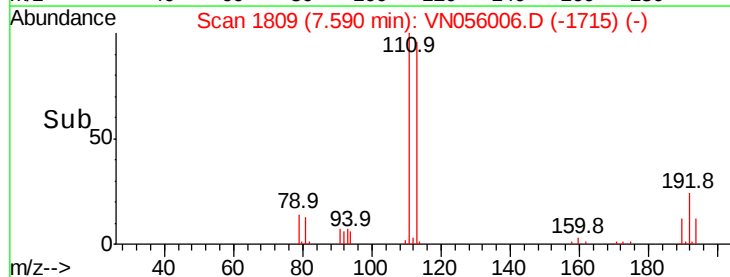
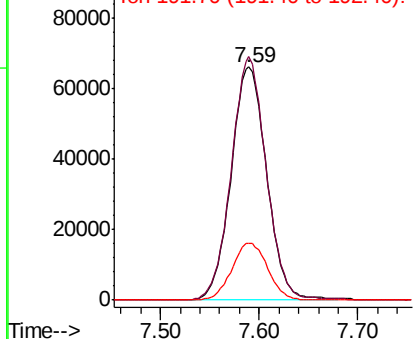


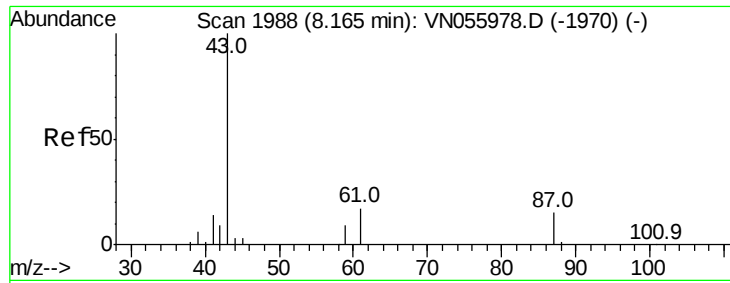
#35
 Dibromofluoromethane
 Concen: 45.723 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

Tgt Ion:113 Resp: 166730
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 24.4 19.5 29.3



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: 1.894 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

SU-02-060419-B

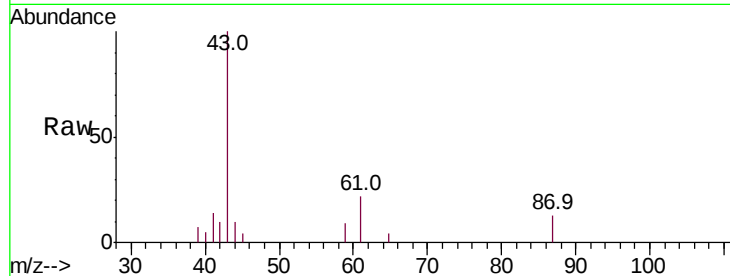
Tot Ion: 43 Resp: 13959

Ion Ratio Lower Upper

43 100

61 20.3 22.2 33.4#

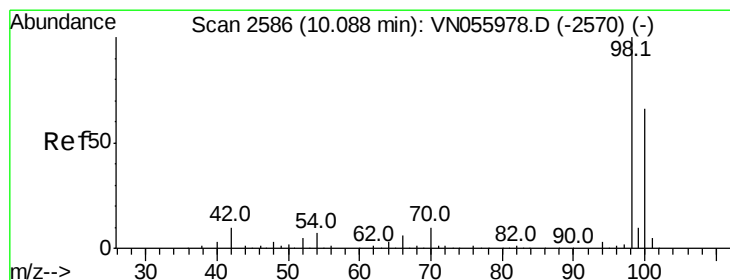
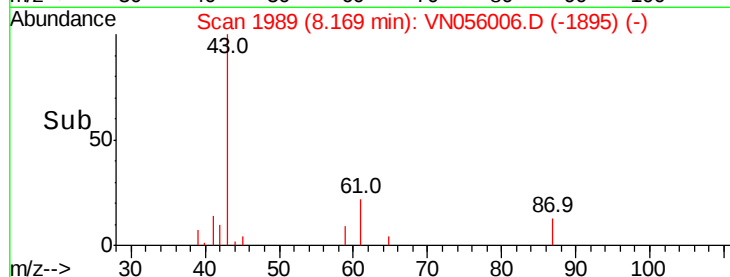
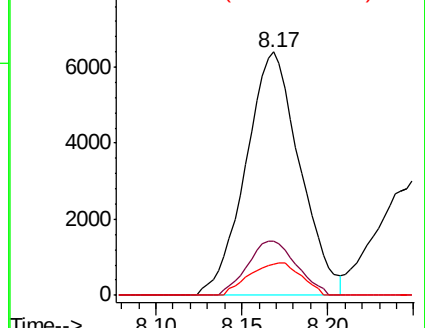
87 12.7 11.4 17.2



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



#50

Toluene-d8

Concen: 50.801 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056006.D

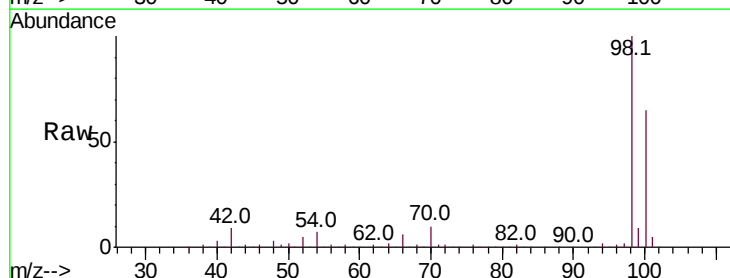
Acq: 5 Jun 2019 13:41

Tgt Ion: 98 Resp: 712834

Ion Ratio Lower Upper

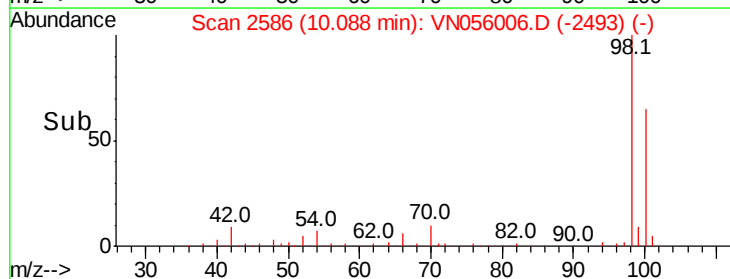
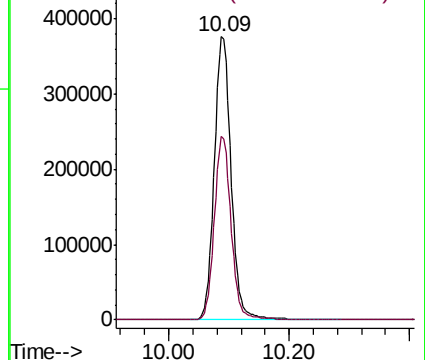
98 100

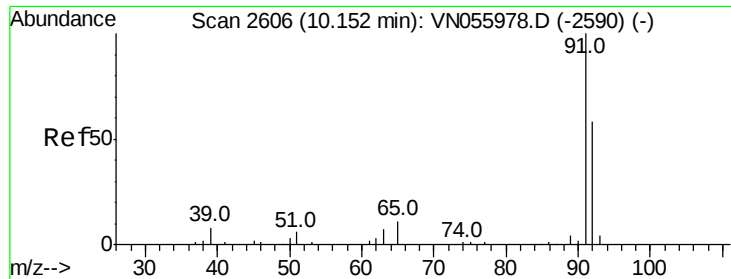
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 6.184 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

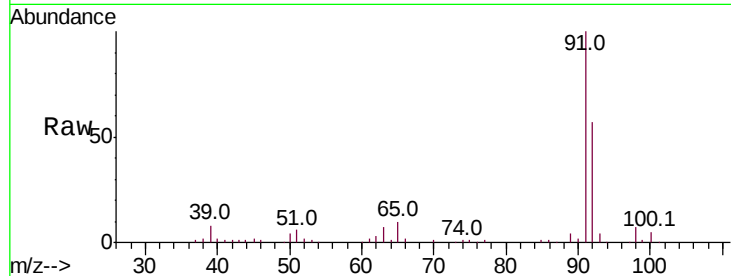
SU-02-060419-B

Tot Ion: 92 Resp: 59732

Ion Ratio Lower Upper

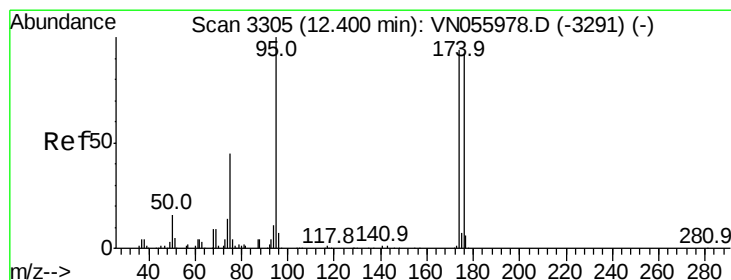
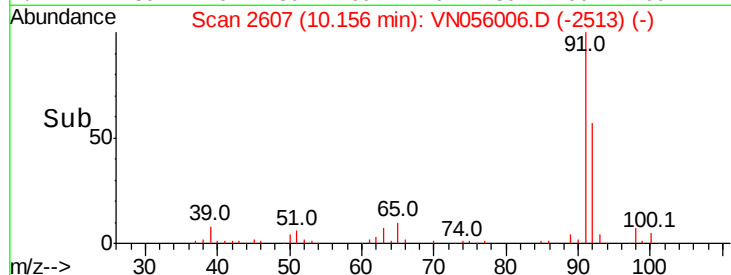
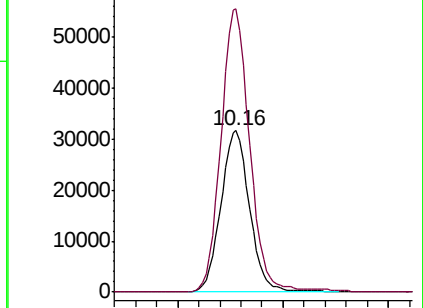
92 100

91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.296 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

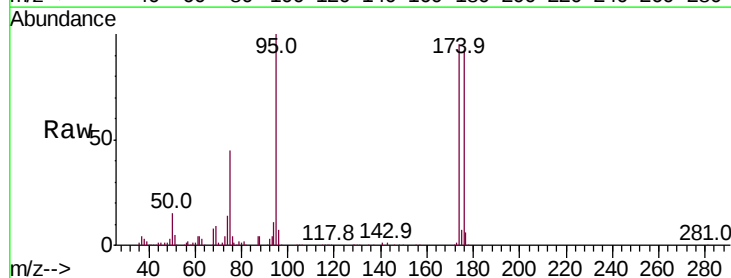
Tgt Ion: 95 Resp: 240008

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.0

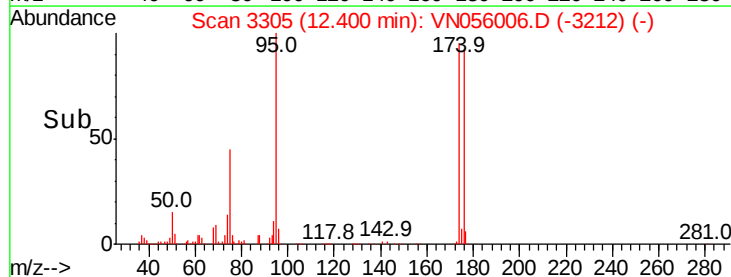
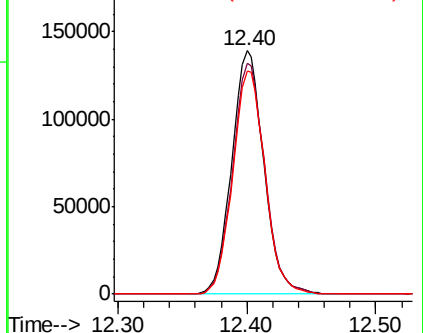
176 92.2 0.0 185.2

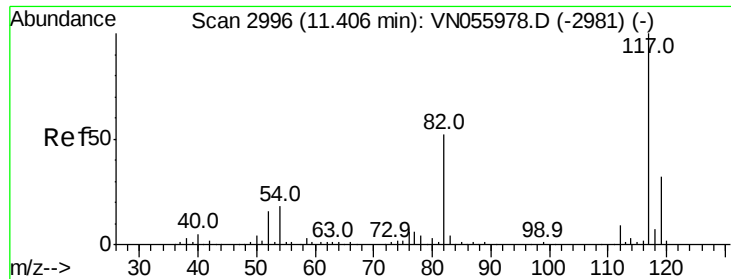


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

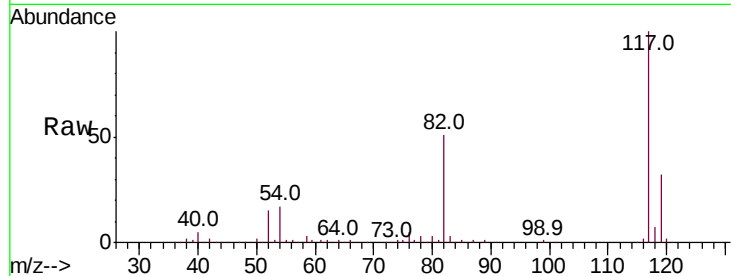




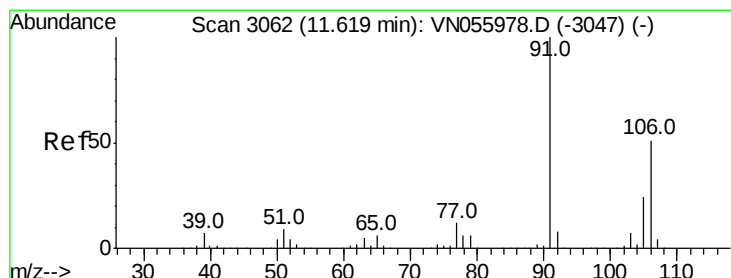
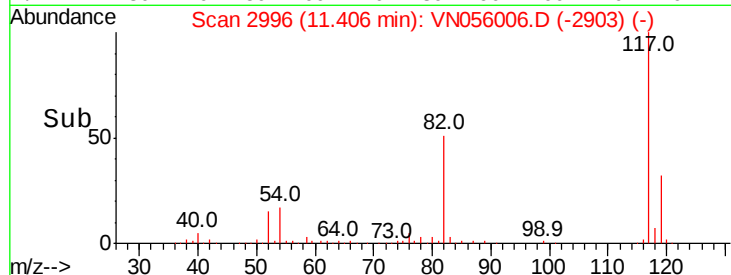
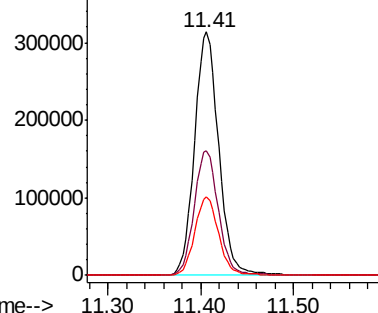
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
SU-02-060419-B

Tot Ion:117 Resp: 567336
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.2 25.4 38.0

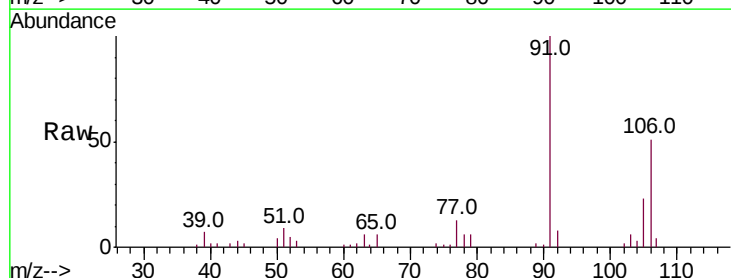


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

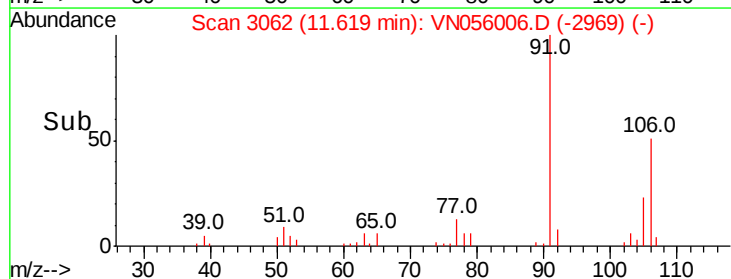
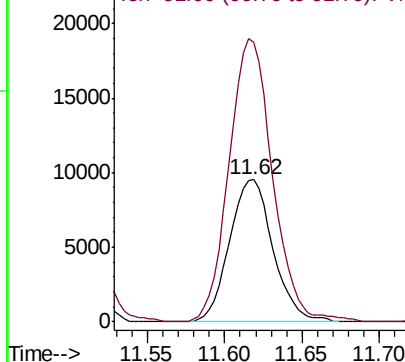


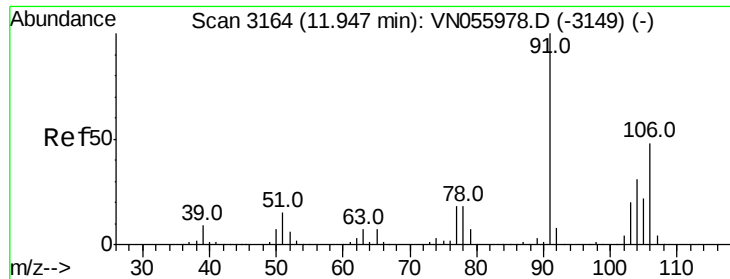
#68
m/p-Xylenes
Concen: 2.478 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion:106 Resp: 18586
Ion Ratio Lower Upper
106 100
91 199.7 159.3 238.9



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

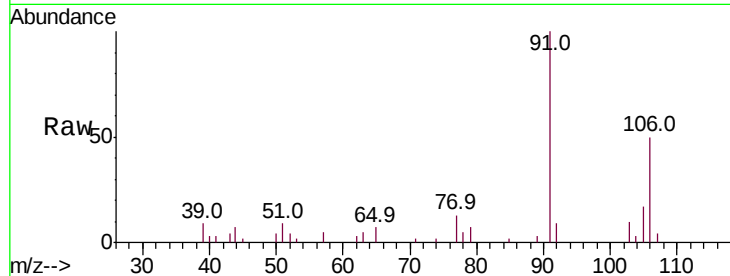




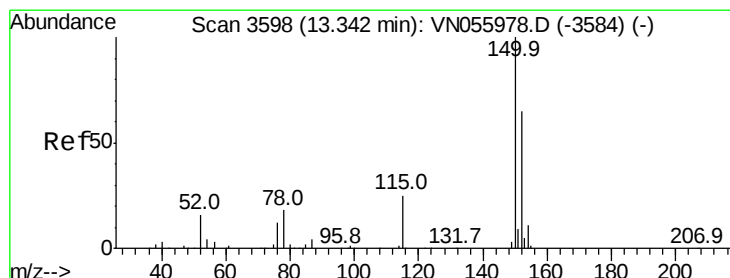
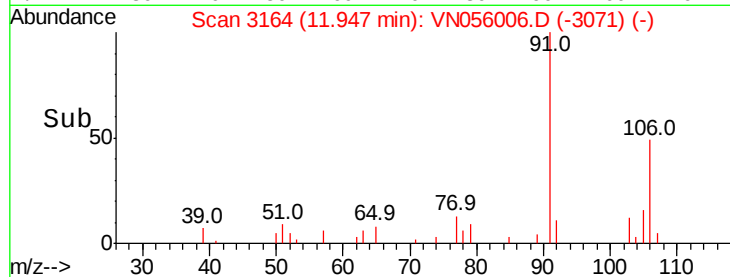
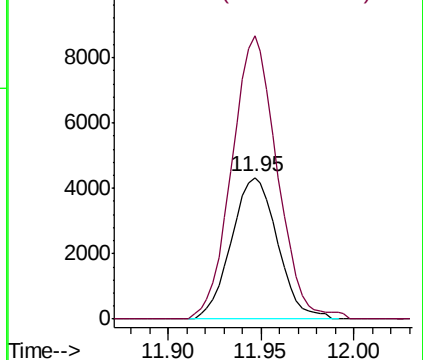
#69
o-Xylene
Concen: 1.016 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
SU-02-060419-B

Tot Ion:106 Resp: 7494
Ion Ratio Lower Upper
106 100
91 196.2 104.7 314.1

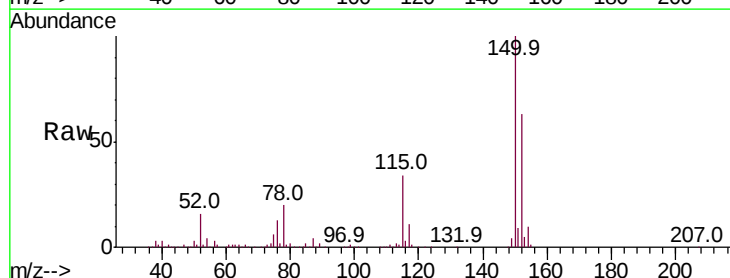


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

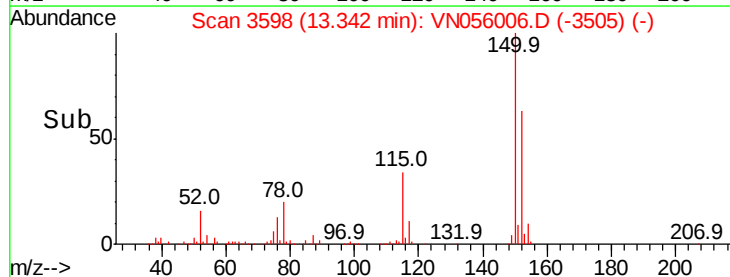
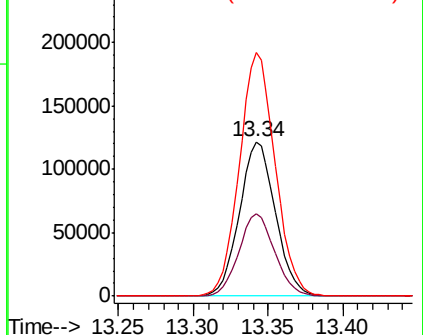


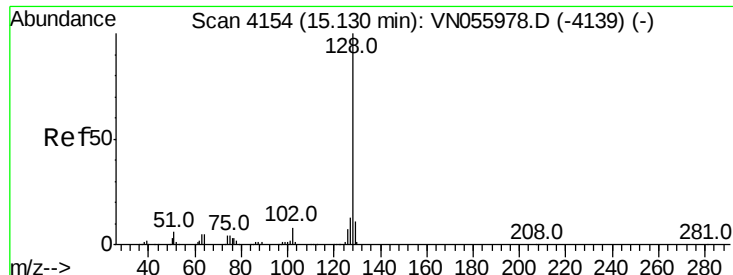
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion:152 Resp: 203570
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 156.8 0.0 343.2



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





#95

Naphthalene

Concen: 4.403 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

SU-02-060419-B

Tot Ion:128 Resp: 5819

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 8.1 8.7 13.1#

