

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052899.D
 Acq On : 14 Dec 2018 19:59
 Operator : MD\SY
 Sample : J6403-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-A

Quant Time: Dec 15 03:45:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

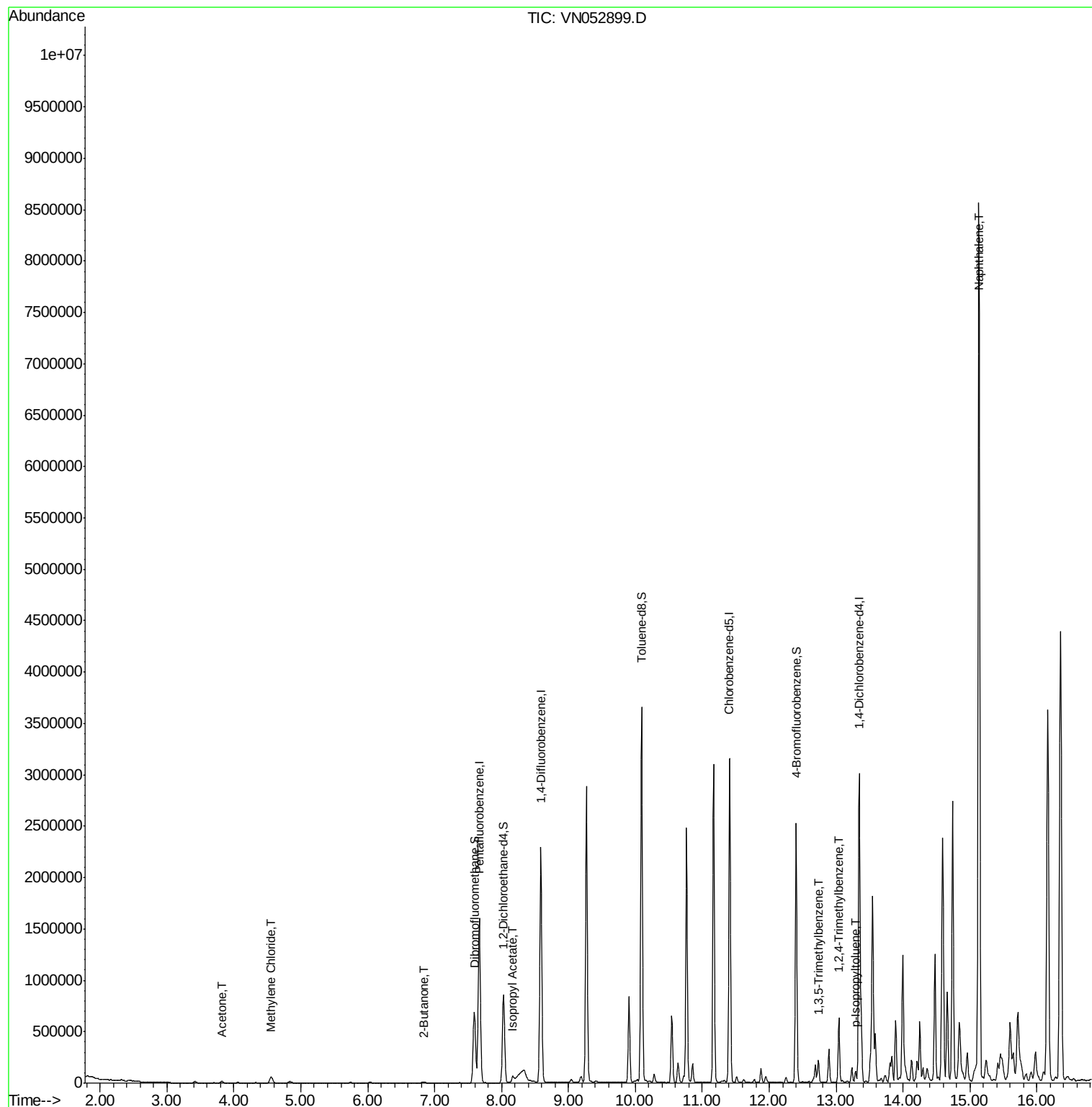
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1391661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2158101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1912962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	841099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	720949	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.59	113	538457	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	10.09	98	2621329	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	873575	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
Target Compounds						
16) Acetone	3.82	43	23911	7.195	ug/l	91
20) Methylene Chloride	4.56	84	44850	2.999	ug/l	95
25) 2-Butanone	6.84	43	8784	1.703	ug/l	96
43) Isopropyl Acetate	8.17	43	80394	3.284	ug/l #	80
80) 1,3,5-Trimethylbenzene	12.73	105	118407	2.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	368156	7.173	ug/l	99
86) p-Isopropyltoluene	13.29	119	63084	1.202	ug/l	99
95) Naphthalene	15.13	128	7438604	241.983	ug/l	100

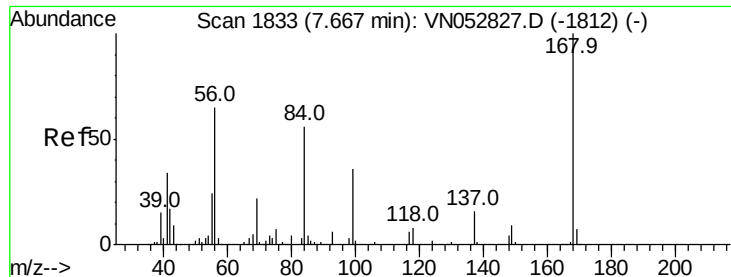
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\
Data File : VN052899.D
Acq On : 14 Dec 2018 19:59
Operator : MD\SY
Sample : J6403-20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
TP-3-A

Quant Time: Dec 15 03:45:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052899.D

Acq: 14 Dec 2018 19:59

Instrument :

MSVOA_N

ClientSampled :

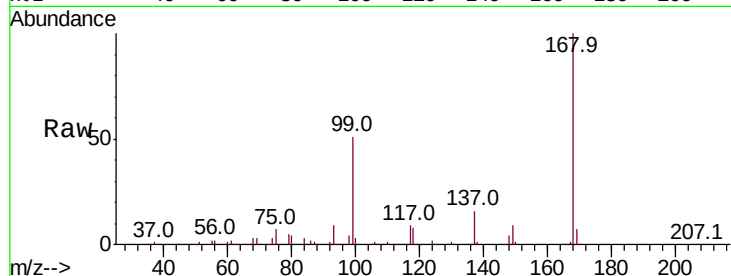
TP-3-A

Tot Ion:168 Resp: 1391661

Ion Ratio Lower Upper

168 100

99 51.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

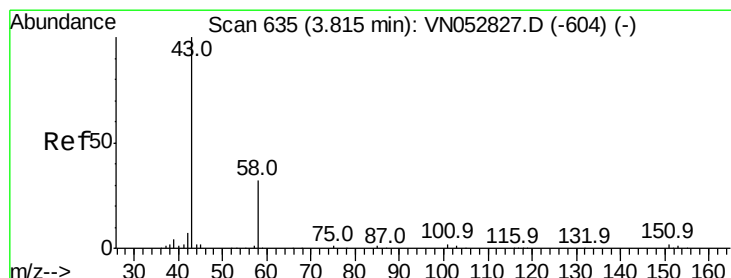
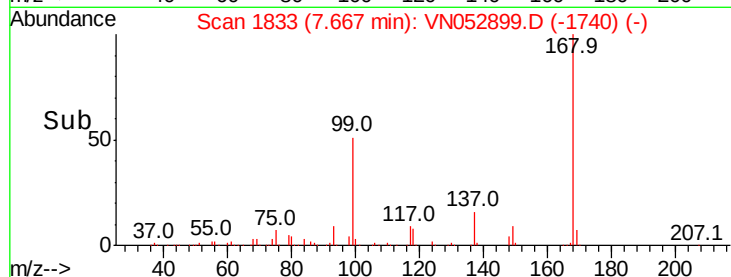
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.195 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052899.D

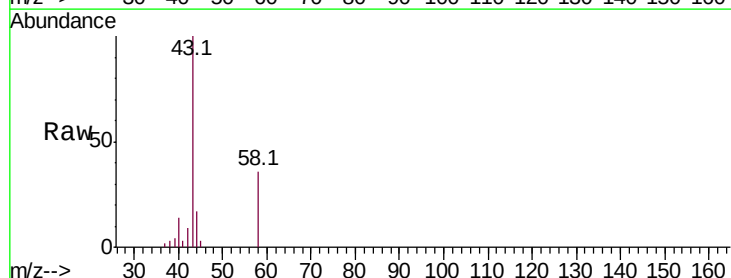
Acq: 14 Dec 2018 19:59

Tgt Ion: 43 Resp: 23911

Ion Ratio Lower Upper

43 100

58 36.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

10000

8000

6000

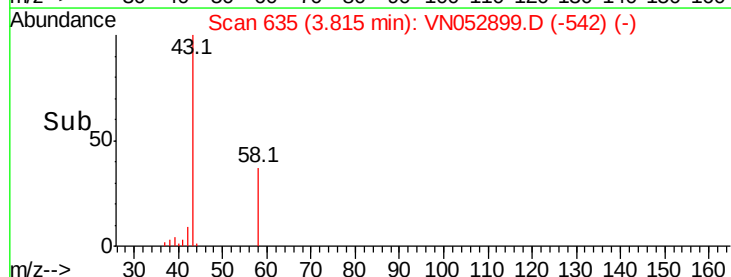
4000

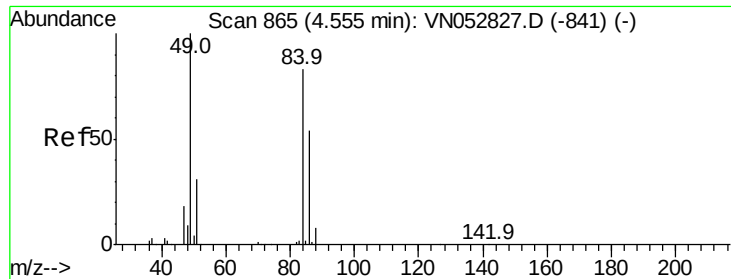
2000

0

3.70 3.80 3.90

Time-->

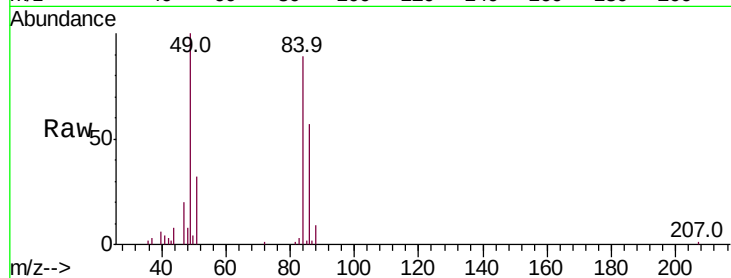




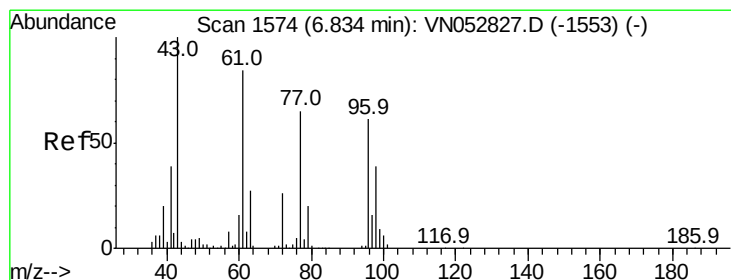
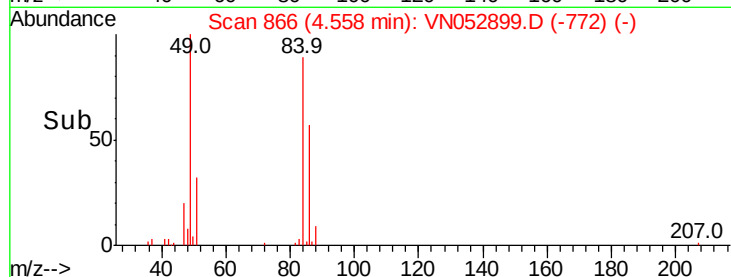
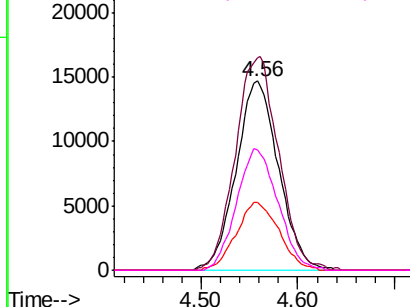
#20
Methylene Chloride
Concen: 2.999 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052899.D
Acq: 14 Dec 2018 19:59

Instrument :
MSVOA_N
ClientSampled :
TP-3-A

Tot Ion: 84 Resp: 44850
Ion Ratio Lower Upper
84 100
49 112.2 96.8 145.2
51 35.8 29.9 44.9
86 63.8 51.8 77.6

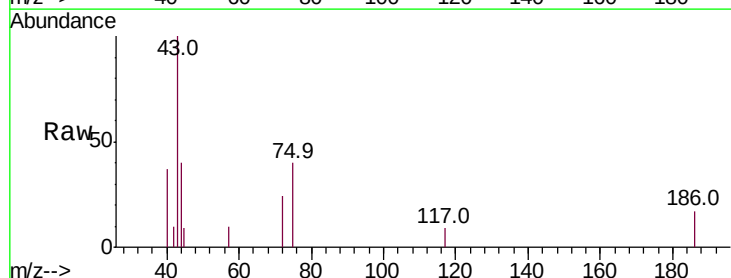


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

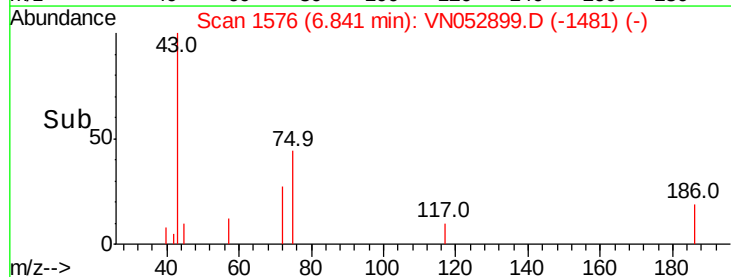
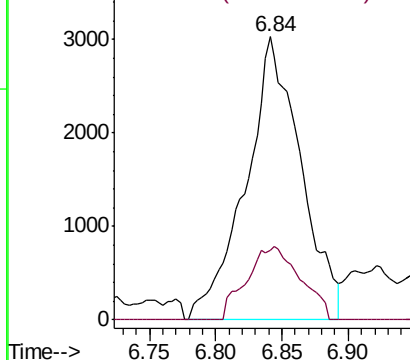


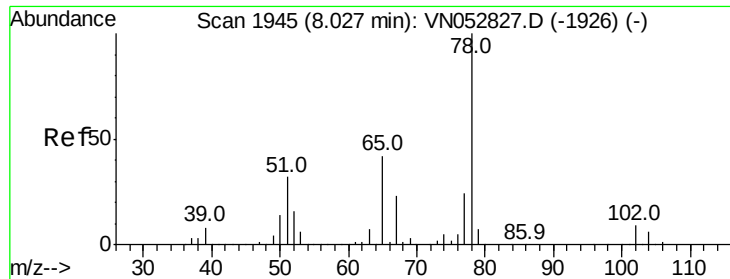
#25
2-Butanone
Concen: 1.703 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052899.D
Acq: 14 Dec 2018 19:59

Tgt Ion: 43 Resp: 8784
Ion Ratio Lower Upper
43 100
72 24.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

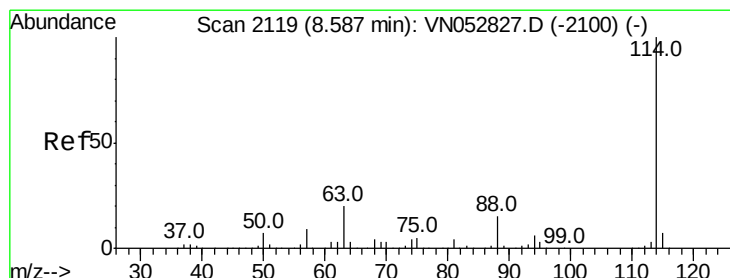
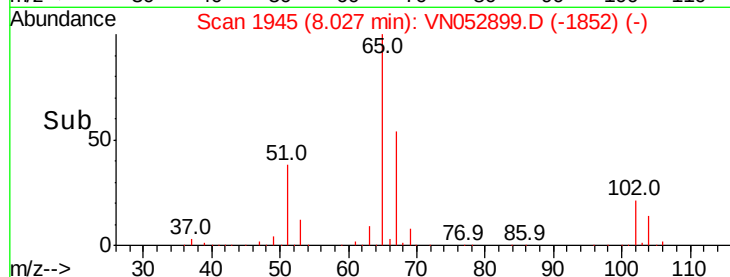
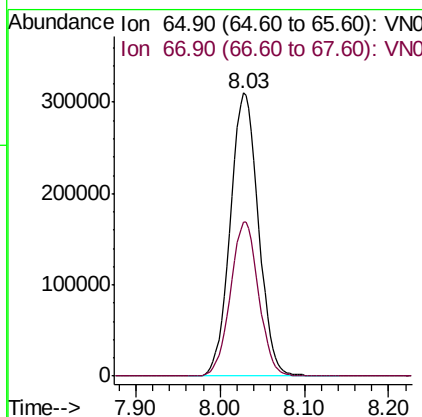
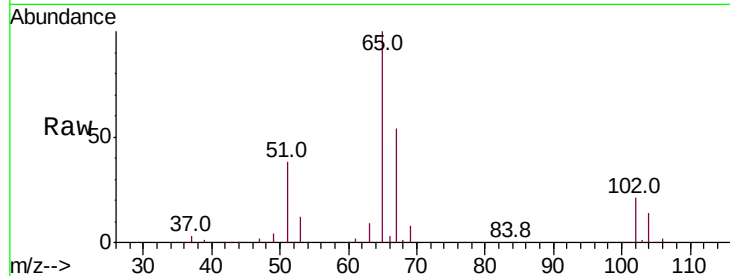




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

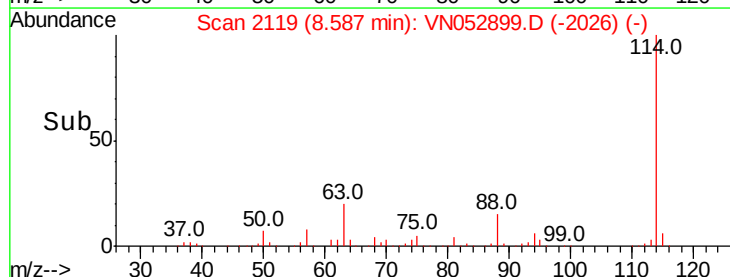
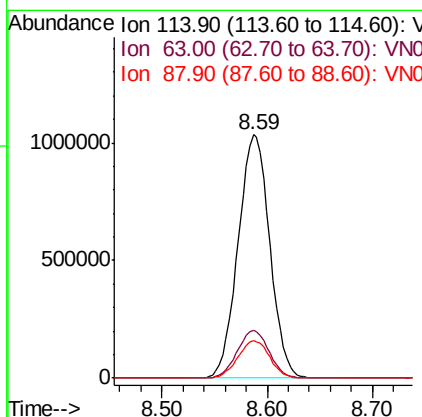
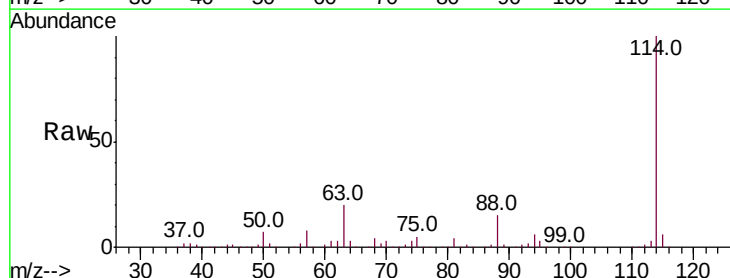
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-A

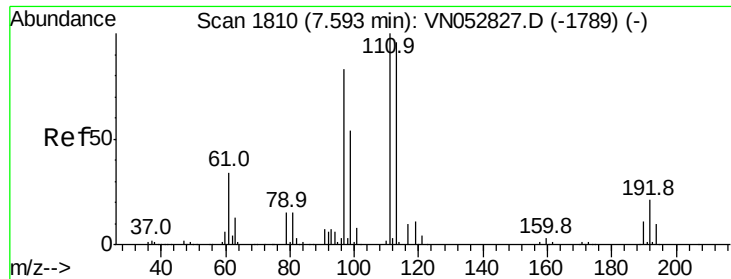
Tot Ion: 65 Resp: 720949
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

Tgt Ion: 114 Resp: 2158101
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.2 0.0 31.0

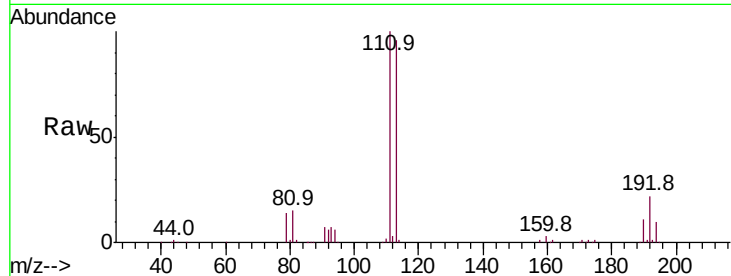




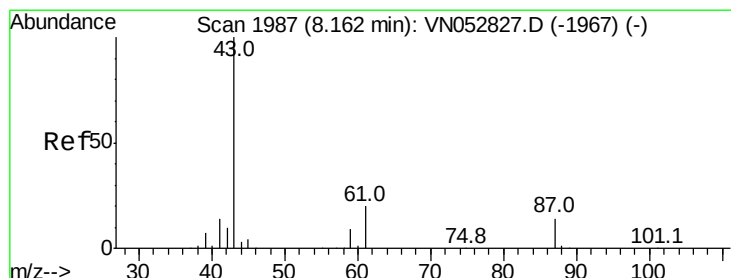
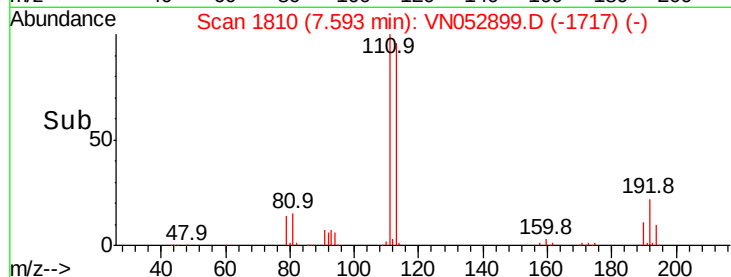
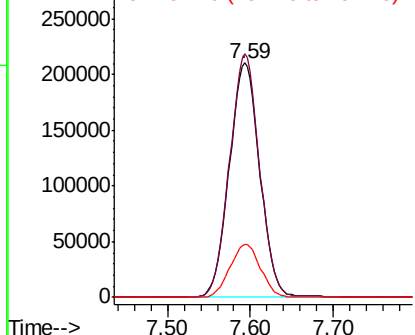
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	22.6	17.5	26.3

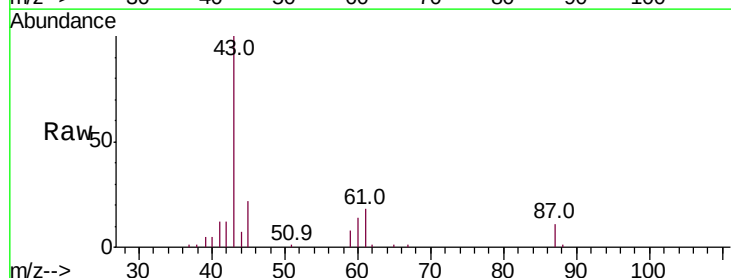


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

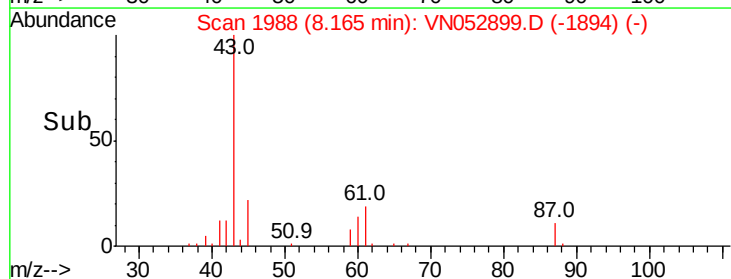
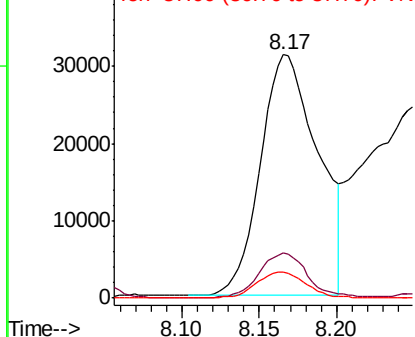


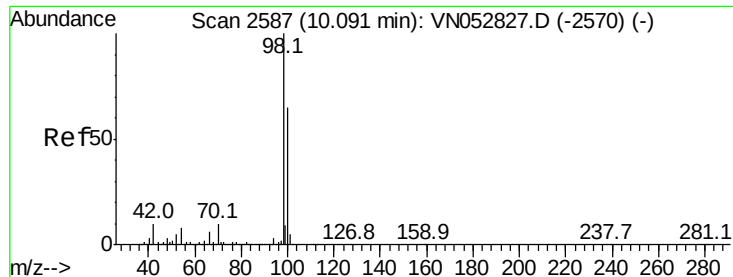
#43
 Isopropyl Acetate
 Concen: 3.284 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.8	22.9	34.3#
87	9.3	10.6	15.8#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052899.D

Acq: 14 Dec 2018 19:59

Instrument :

MSVOA_N

ClientSampleId :

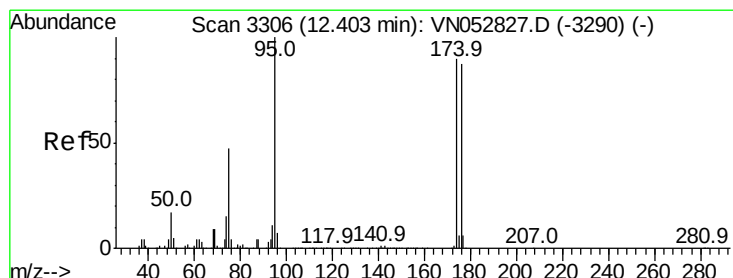
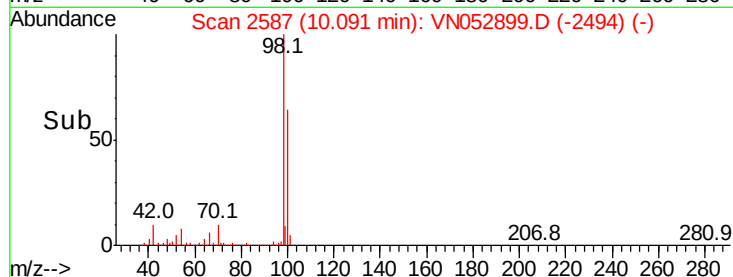
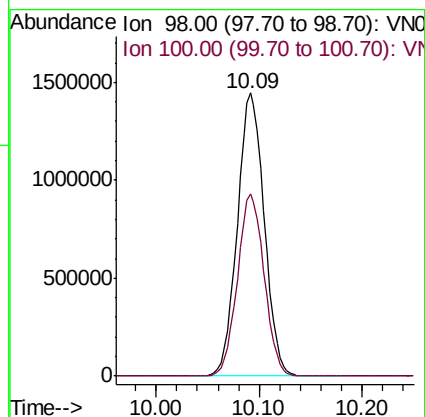
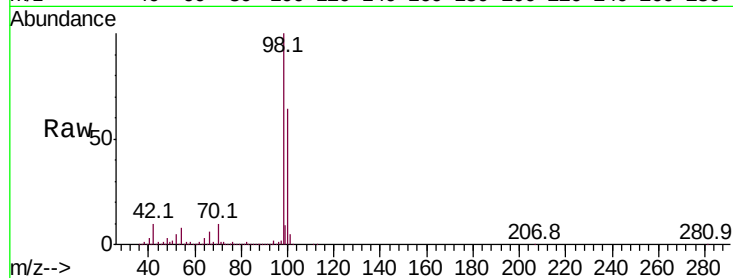
TP-3-A

Tot Ion: 98 Resp: 2621329

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052899.D

Acq: 14 Dec 2018 19:59

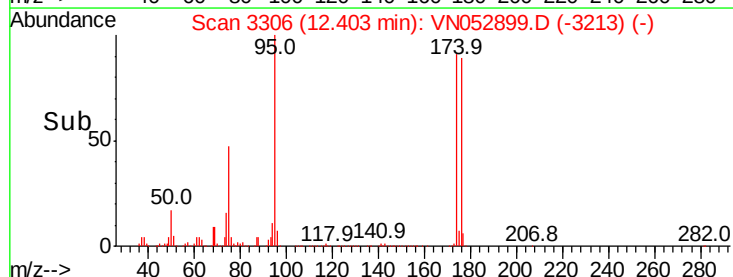
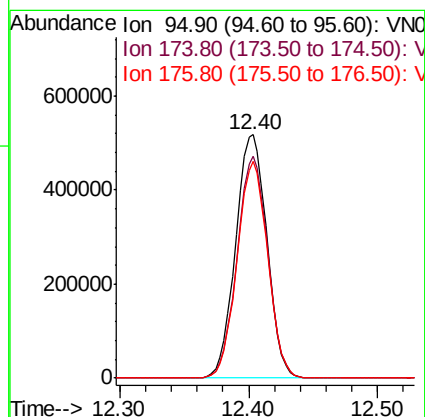
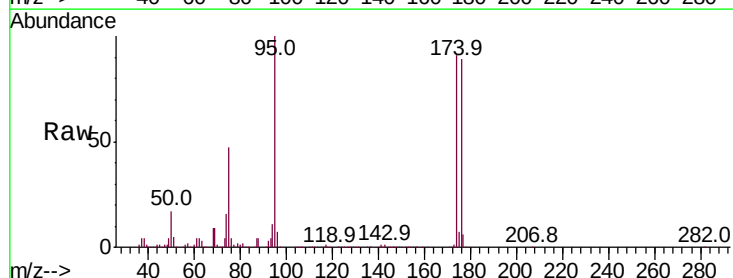
Tgt Ion: 95 Resp: 873575

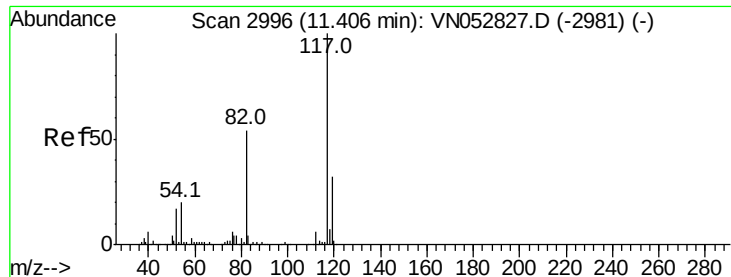
Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

176 87.0 0.0 173.8

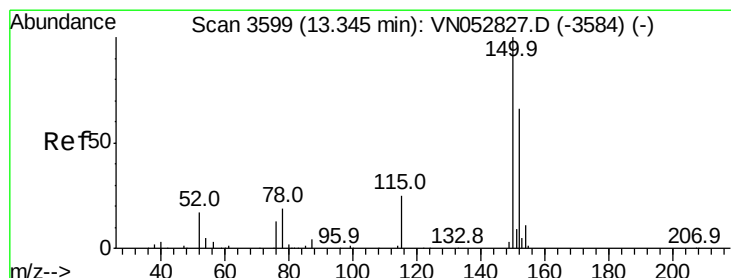
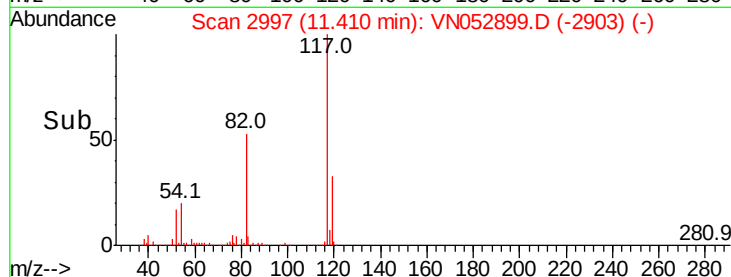
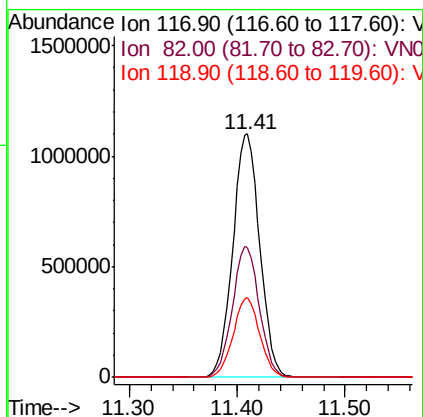
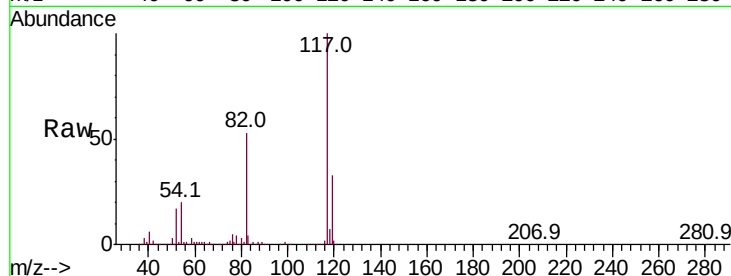




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052899.D
Acq: 14 Dec 2018 19:59

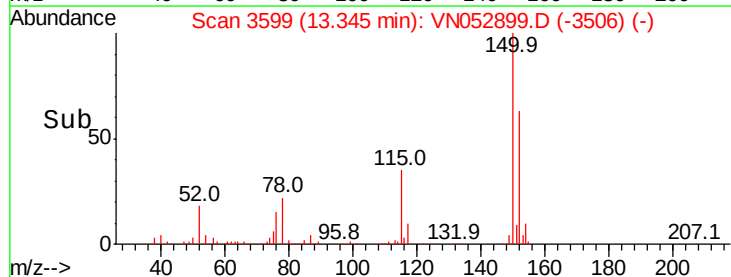
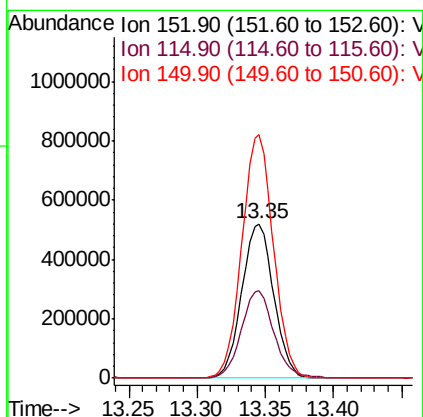
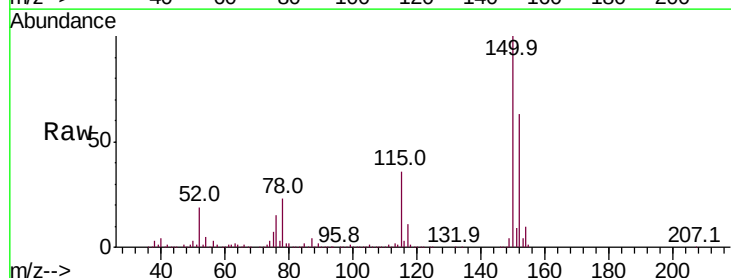
Instrument :
MSVOA_N
ClientSampled :
TP-3-A

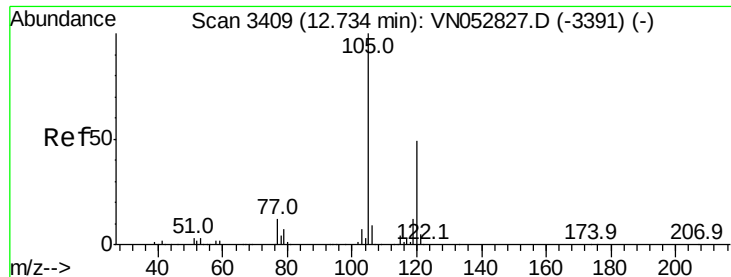
Tot Ion:117 Resp: 1912962
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052899.D
Acq: 14 Dec 2018 19:59

Tgt Ion:152 Resp: 841099
Ion Ratio Lower Upper
152 100
115 57.9 28.3 85.0
150 156.2 0.0 347.8

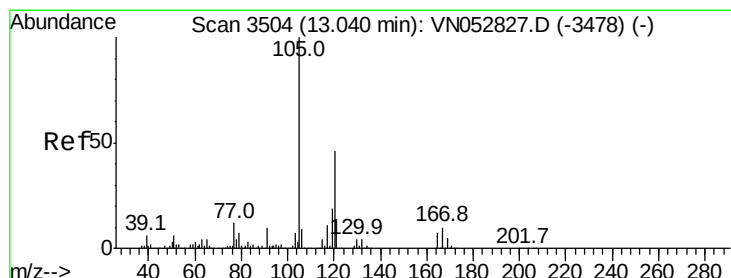
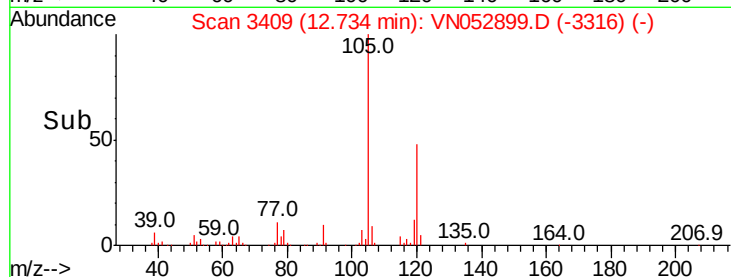
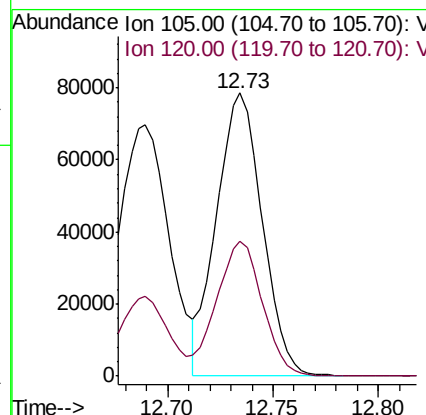
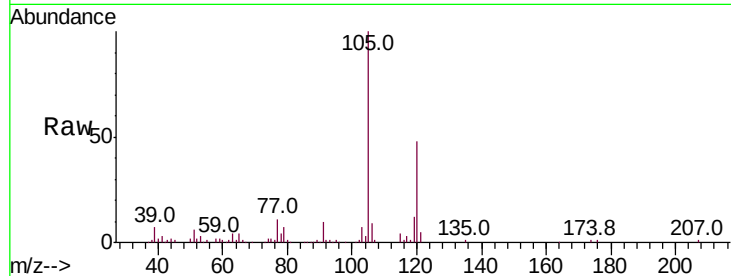




#80
 1,3,5-Trimethylbenzene
 Concen: 2.336 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

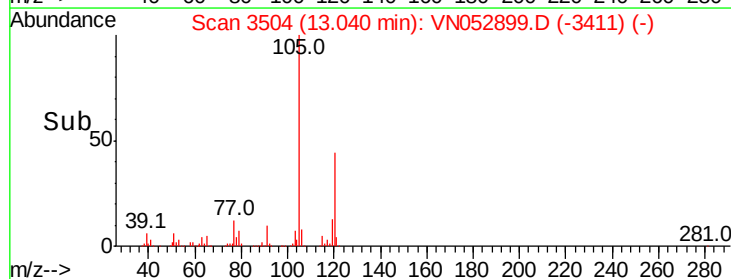
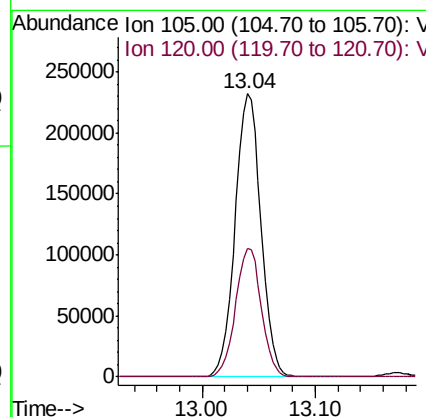
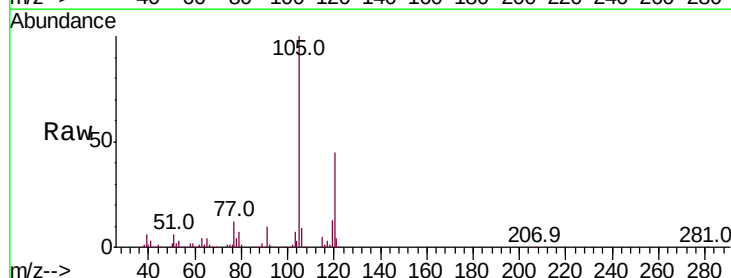
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-A

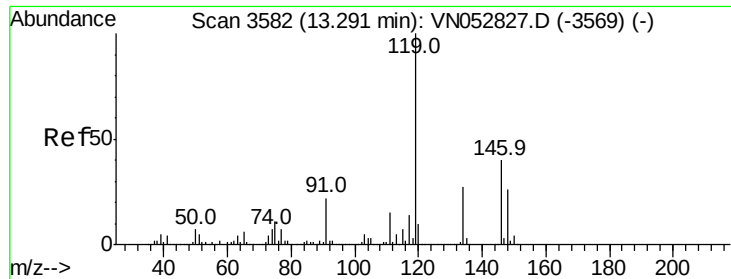
Tot Ion:105 Resp: 118407
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 7.173 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

Tgt Ion:105 Resp: 368156
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8

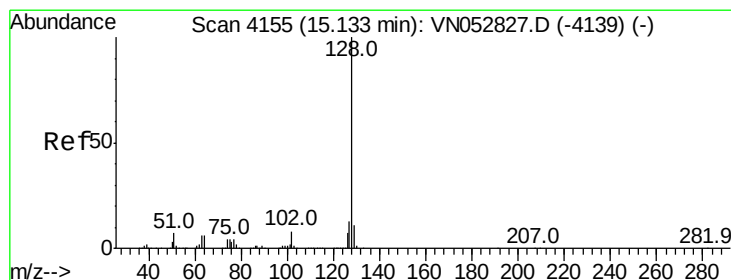
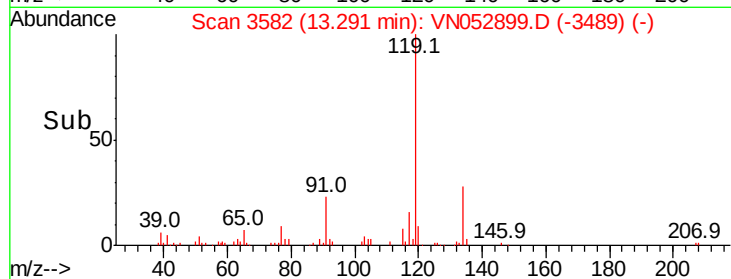
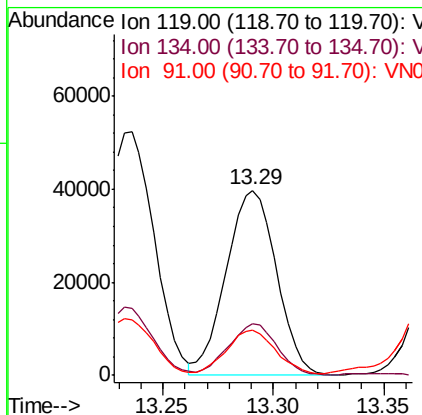
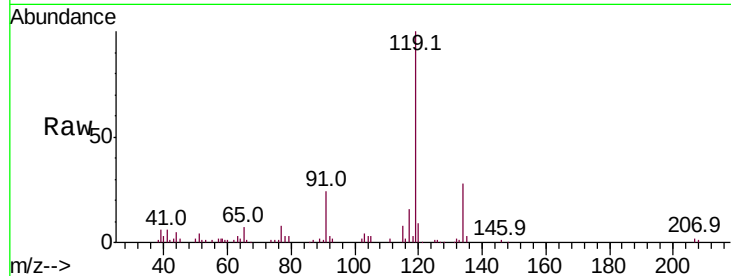




#86
 p-Isopropyltoluene
 Concen: 1.202 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-A

Tot Ion:119 Resp: 63084
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.2
 91 22.6 11.1 33.3



#95
 Naphthalene
 Concen: 241.983 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN052899.D
 Acq: 14 Dec 2018 19:59

Tgt Ion:128 Resp: 7438604
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.4
 129 10.9 8.6 13.0

