

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058551.D
 Acq On : 4 Oct 2019 19:06
 Operator : JC/SP
 Sample : K5193-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190881-COMPOSITE-M

Quant Time: Oct 05 04:47:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

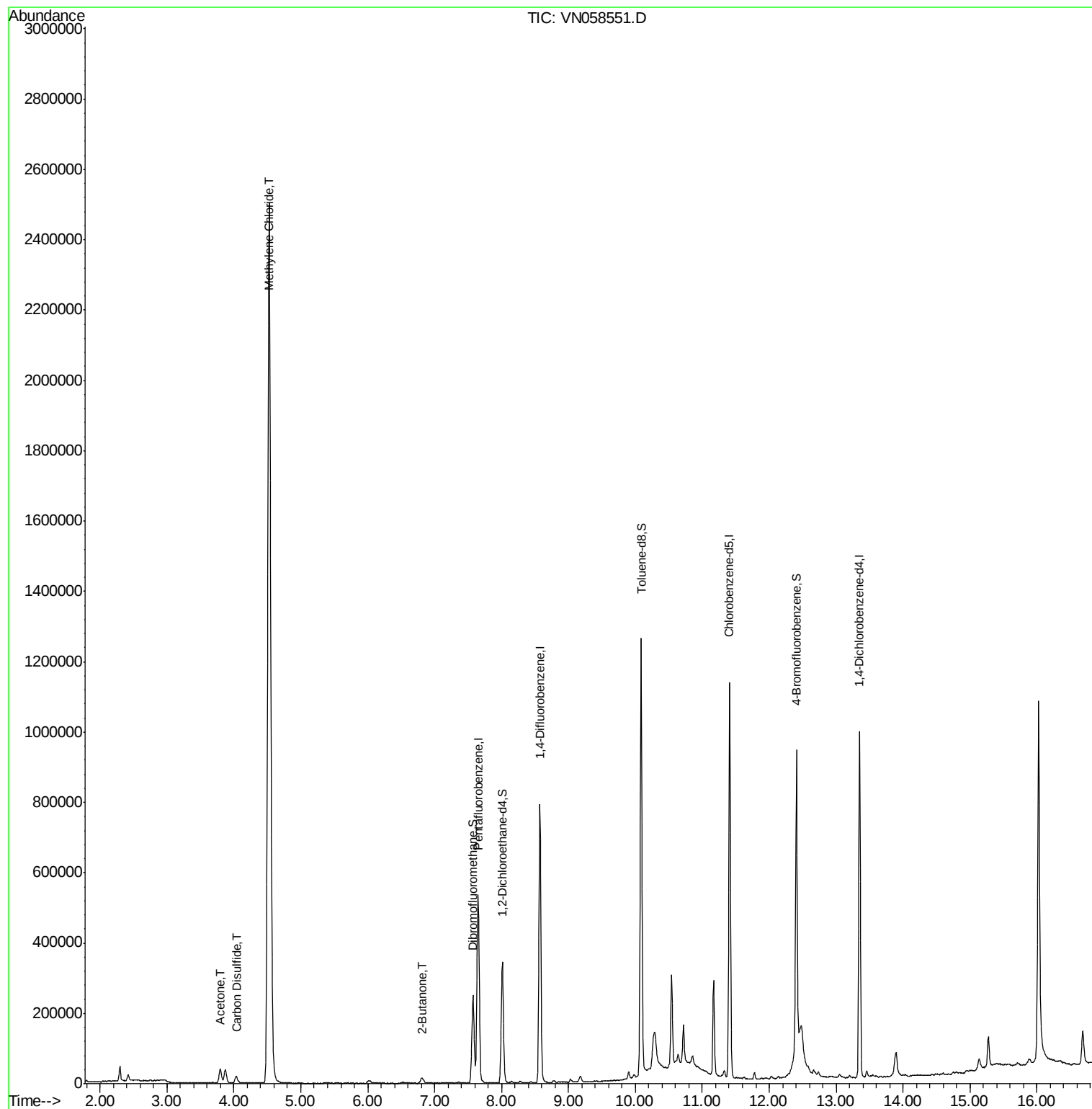
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	425284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	685199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	625719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	300328	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	7.57	113	188895	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
50) Toluene-d8	10.09	98	838535	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.41	95	282847	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
16) Acetone	3.80	43	69868	32.979	ug/l	95
17) Carbon Disulfide	4.03	76	23682	2.239	ug/l	99
20) Methylene Chloride	4.53	84	1824426	373.161	ug/l	100
25) 2-Butanone	6.82	43	17112	5.883	ug/l	96

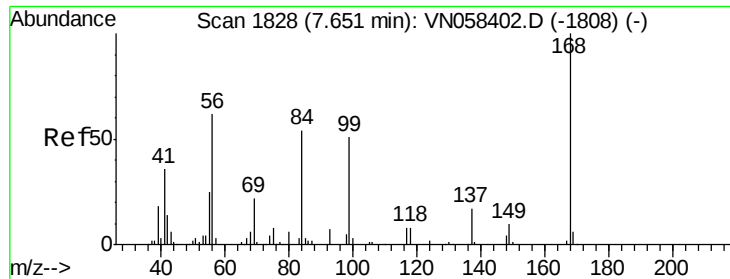
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100419\
Data File : VN058551.D
Acq On : 4 Oct 2019 19:06
Operator : JC/SP
Sample : K5193-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20190881-COMPOSITE-M

Quant Time: Oct 05 04:47:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058551.D

Acq: 4 Oct 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

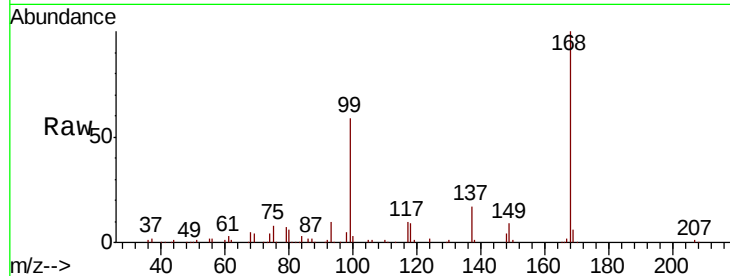
20190881-COMPOSITE-M

Tot Ion:168 Resp: 425284

Ion Ratio Lower Upper

168 100

99 59.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

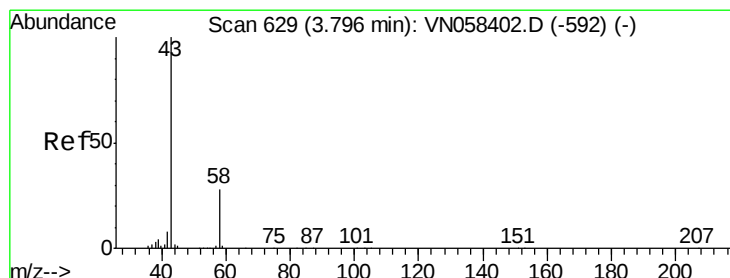
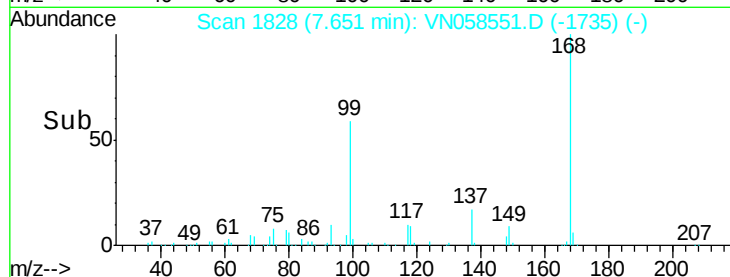
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.979 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058551.D

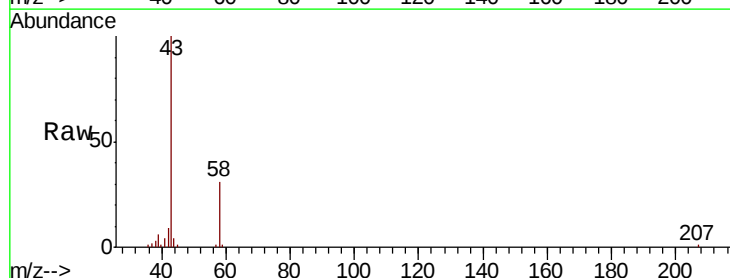
Acq: 4 Oct 2019 19:06

Tgt Ion: 43 Resp: 69868

Ion Ratio Lower Upper

43 100

58 30.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

30000

25000

20000

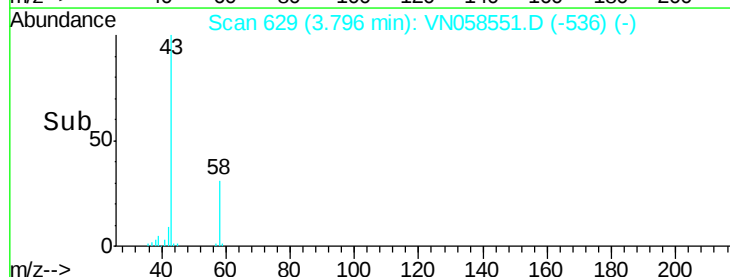
15000

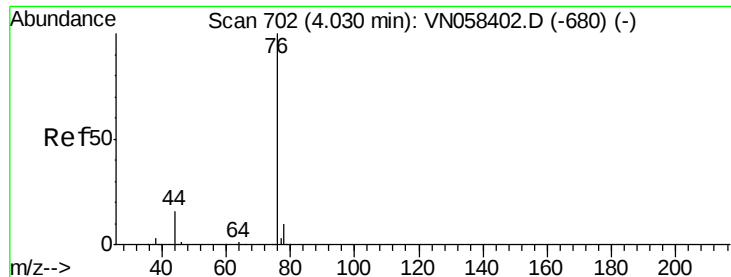
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 2.239 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058551.D

Acq: 4 Oct 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

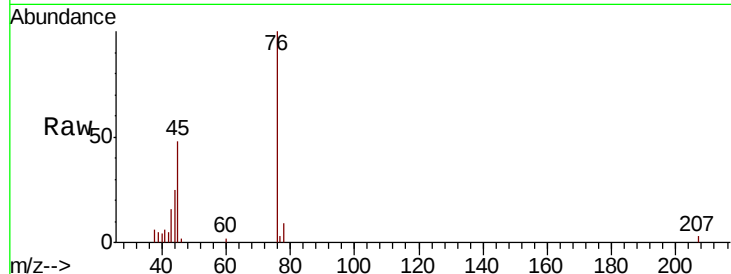
20190881-COMPOSITE-M

Tot Ion: 76 Resp: 23682

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.03

10000

8000

6000

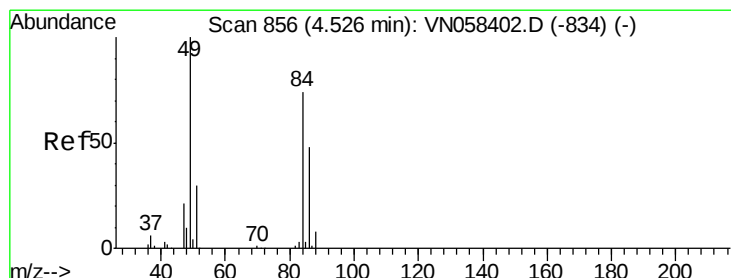
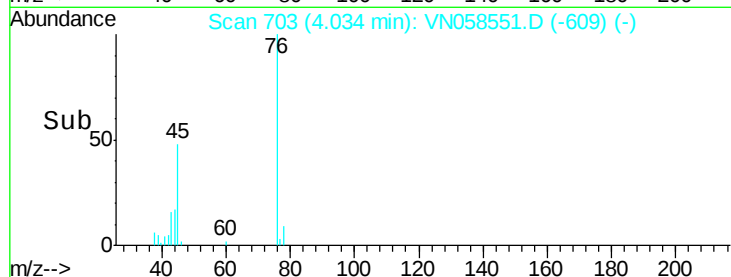
4000

2000

0

Time-->

3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: 373.161 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058551.D

Acq: 4 Oct 2019 19:06

Tgt Ion: 84 Resp: 1824426

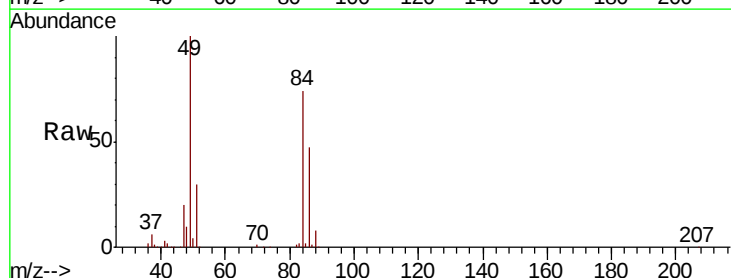
Ion Ratio Lower Upper

84 100

49 135.0 107.9 161.9

51 41.0 32.8 49.2

86 64.0 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

1200000

1000000

800000

600000

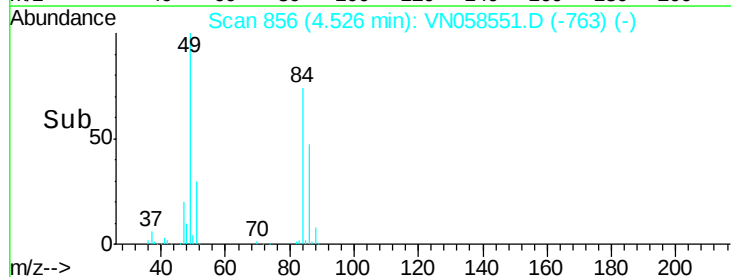
400000

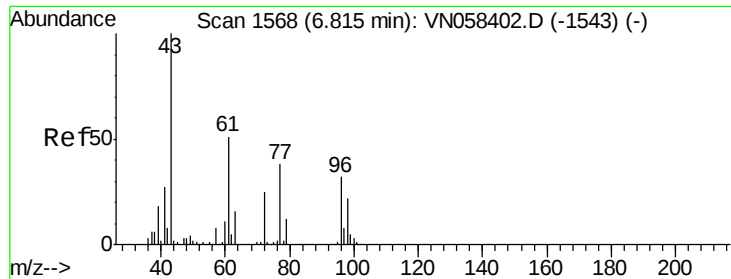
200000

0

Time-->

4.40 4.50 4.60 4.70





#25

2-Butanone

Concen: 5.883 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058551.D

Acq: 4 Oct 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

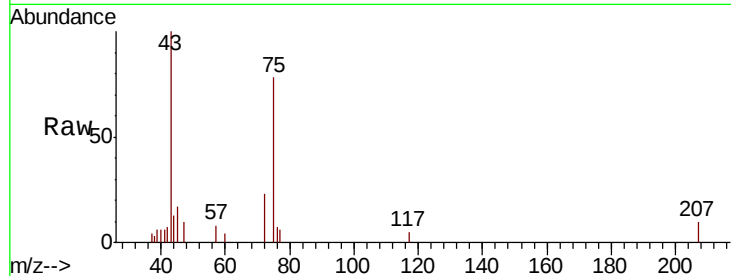
20190881-COMPOSITE-M

Tot Ion: 43 Resp: 17112

Ion Ratio Lower Upper

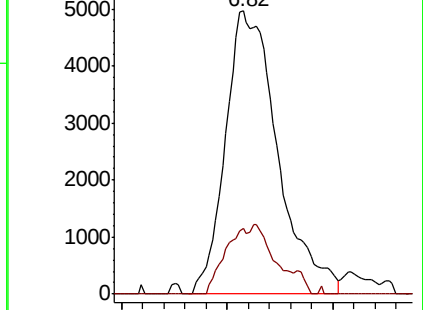
43 100

72 23.1 20.2 30.4

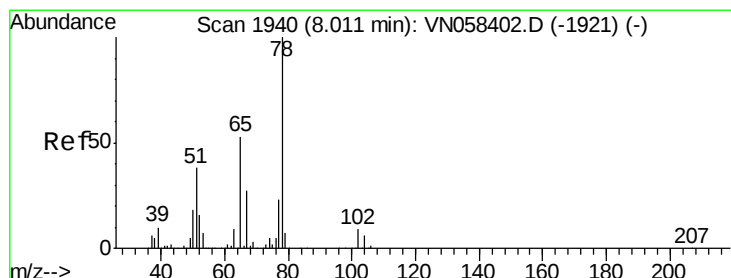
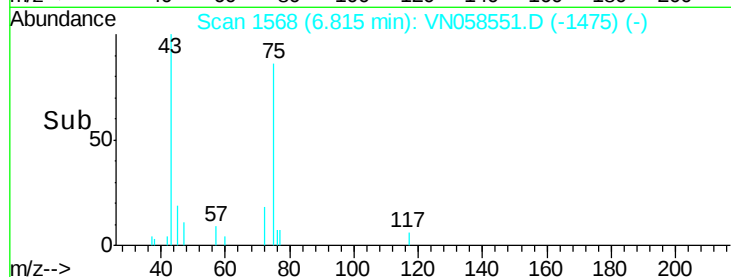


Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1543) (-)

Ion 72.00 (71.70 to 72.70): VN058402.D (-1543) (-)



Time--> 6.70 6.80 6.90



#33

1,2-Dichloroethane-d4

Concen: 48.324 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058551.D

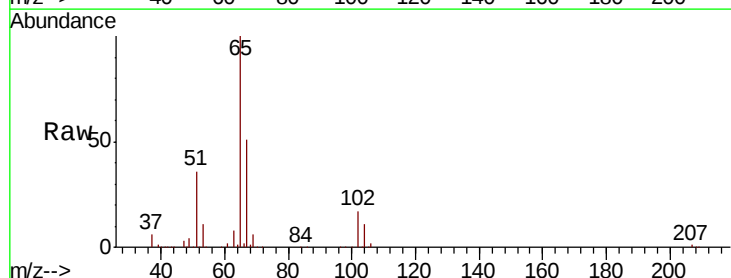
Acq: 4 Oct 2019 19:06

Tgt Ion: 65 Resp: 300328

Ion Ratio Lower Upper

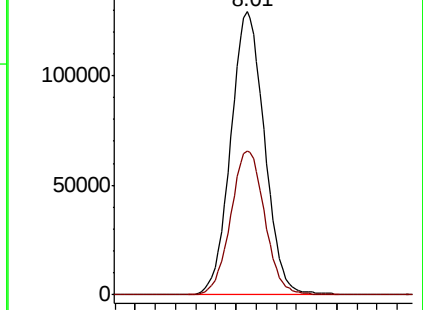
65 100

67 51.2 0.0 102.4

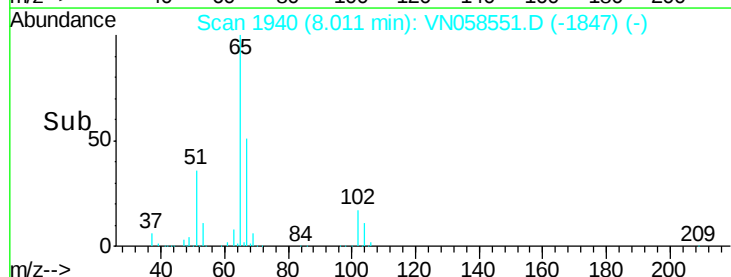


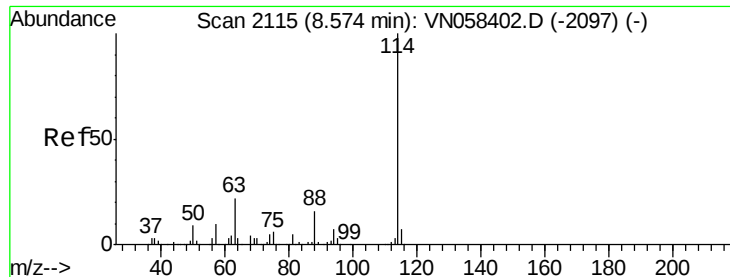
Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)



Time--> 7.90 8.00 8.10

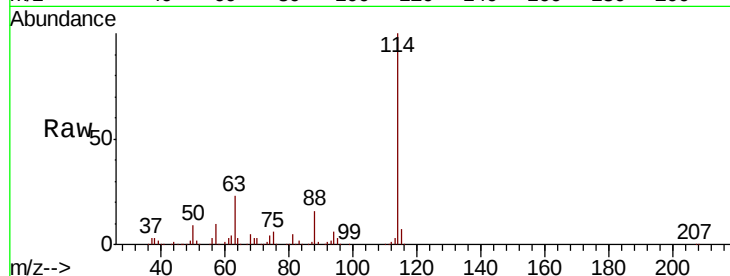




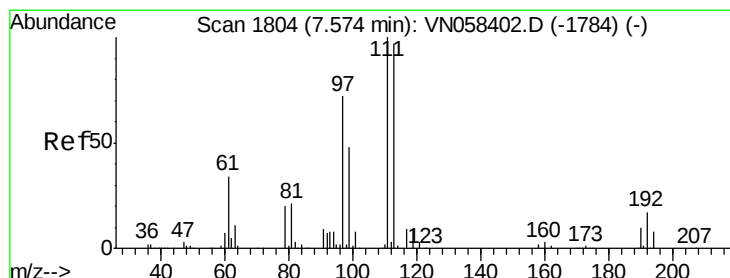
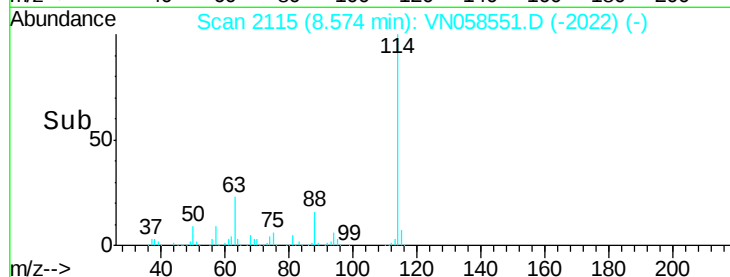
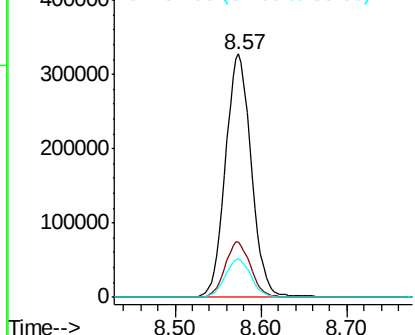
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058551.D
 Acq: 4 Oct 2019 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 20190881-COMPOSITE-M

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.0
88	15.8	0.0	32.2

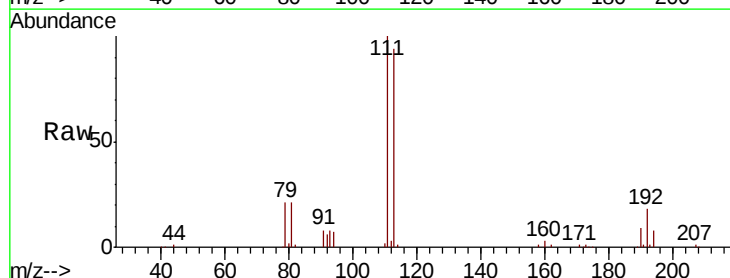


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

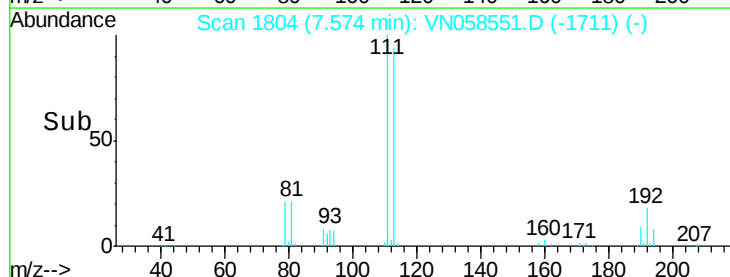
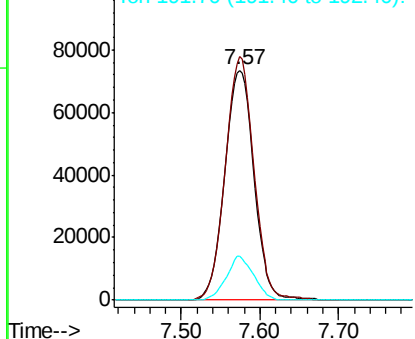


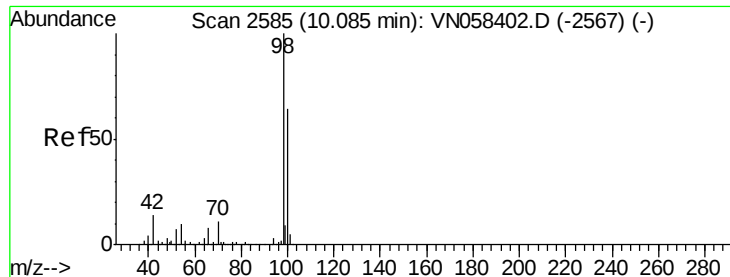
#35
 Dibromofluoromethane
 Concen: 44.980 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058551.D
 Acq: 4 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	18.0	14.9	22.3



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





#50

Toluene-d8

Concen: 50.971 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058551.D

Acq: 4 Oct 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

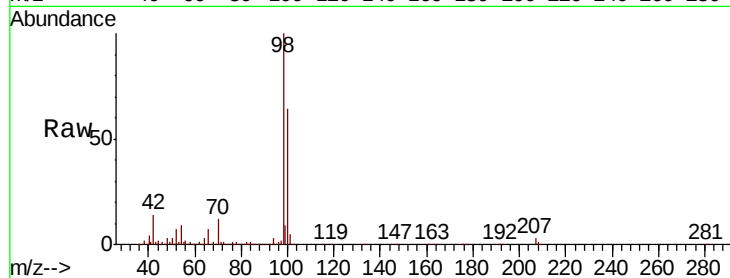
20190881-COMPOSITE-M

Tot Ion: 98 Resp: 838535

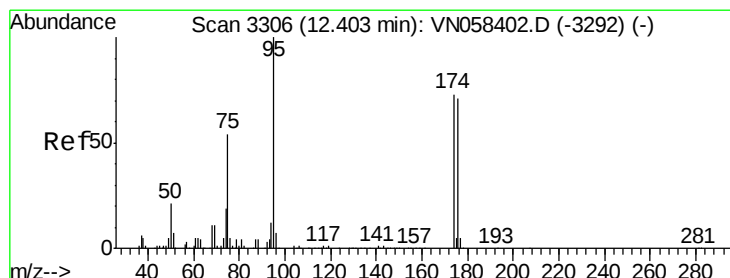
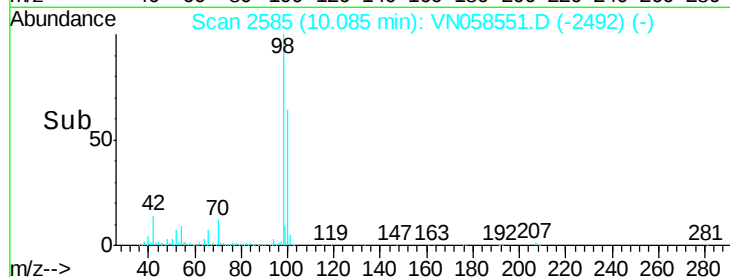
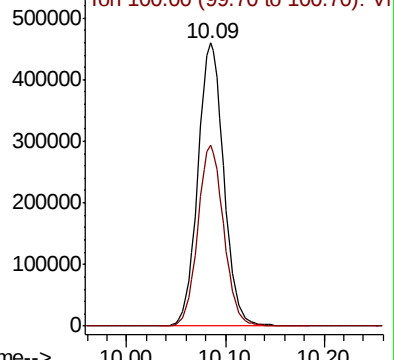
Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 47.550 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058551.D

Acq: 4 Oct 2019 19:06

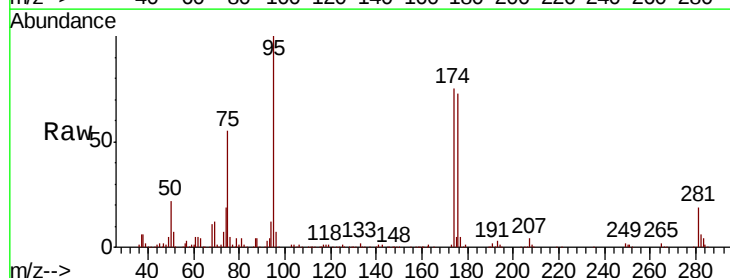
Tgt Ion: 95 Resp: 282847

Ion Ratio Lower Upper

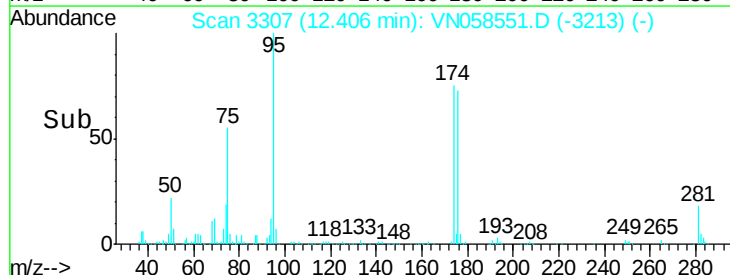
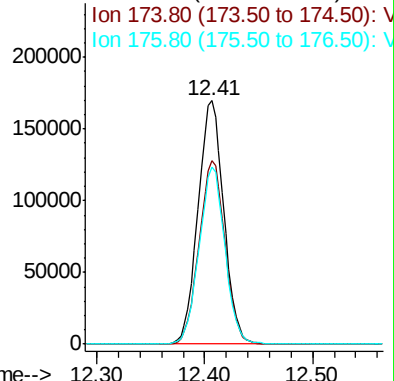
95 100

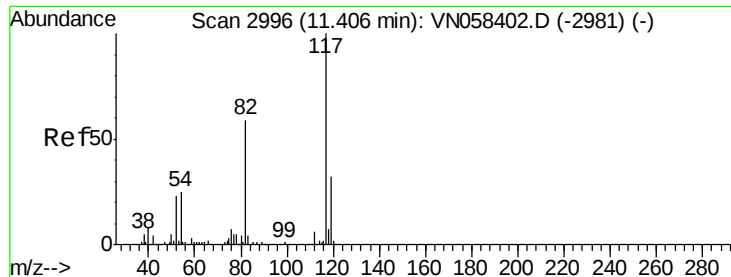
174 75.7 0.0 150.6

176 72.9 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

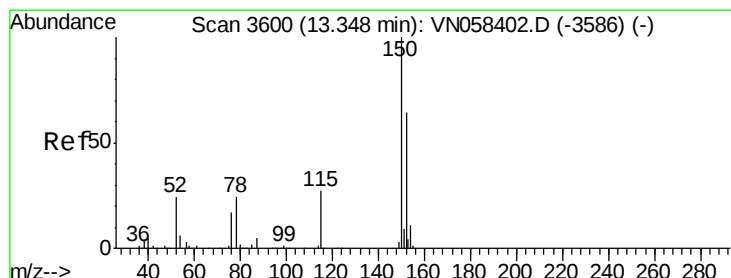
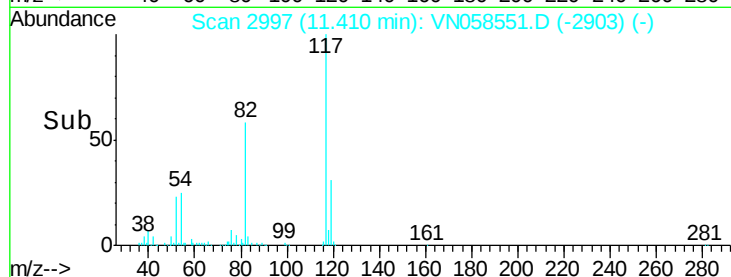
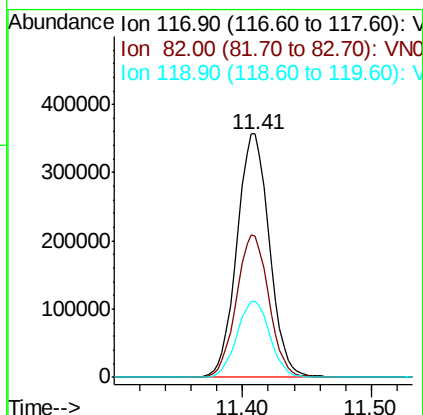
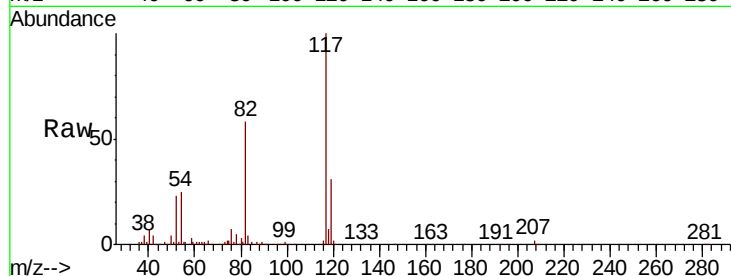




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058551.D
Acq: 4 Oct 2019 19:06

Instrument :
MSVOA_N
ClientSampleId :
20190881-COMPOSITE-M

Tot Ion:117 Resp: 625719
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.0
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058551.D
Acq: 4 Oct 2019 19:06

Tgt Ion:152 Resp: 245691
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 157.2 0.0 348.2

