

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058490.D
 Acq On : 2 Oct 2019 21:27
 Operator : JC/SP
 Sample : K5131-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190825-COMPOSITE-A

Quant Time: Oct 03 06:04:43 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

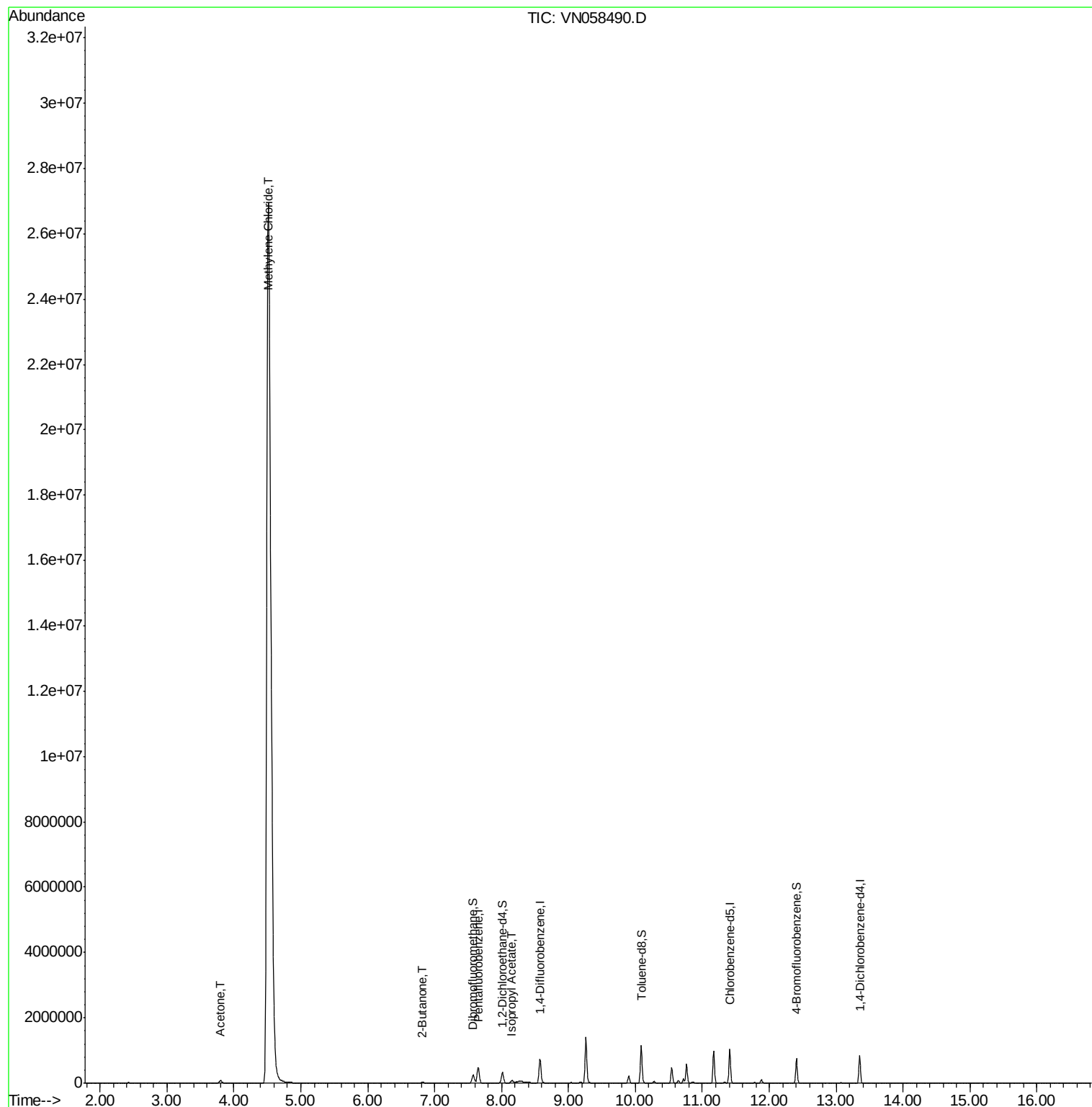
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	377419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	633332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	282855	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	7.57	113	198872	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.09	98	798770	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.41	95	247953	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
16) Acetone	3.80	43	136017	72.344	ug/l	99
20) Methylene Chloride	4.52	84	17414180	4013.547	ug/l #	61
25) 2-Butanone	6.83	43	29469	11.416	ug/l	99
43) Isopropyl Acetate	8.16	43	110996	11.496	ug/l	95

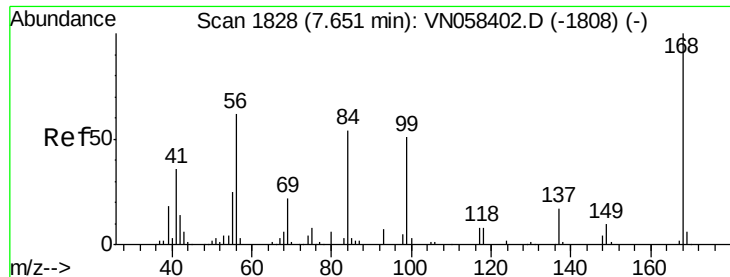
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058490.D

Acq: 2 Oct 2019 21:27

Instrument :

MSVOA_N

ClientSampleId :

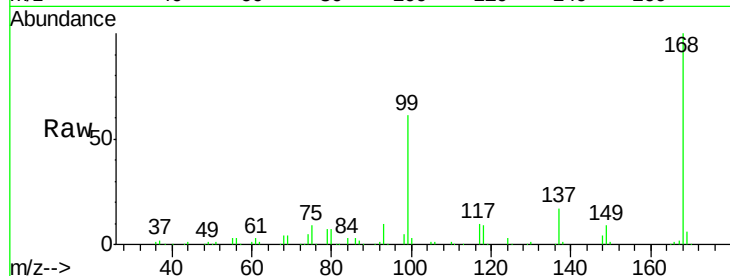
20190825-COMPOSITE-A

Tot Ion:168 Resp: 377419

Ion Ratio Lower Upper

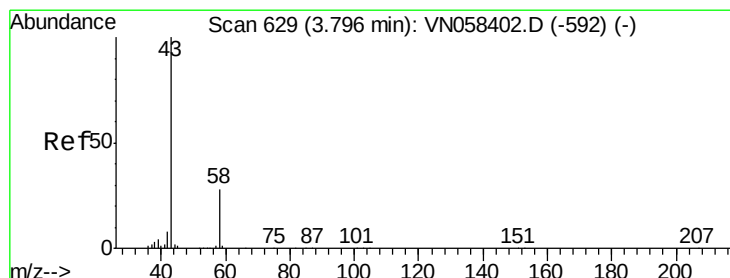
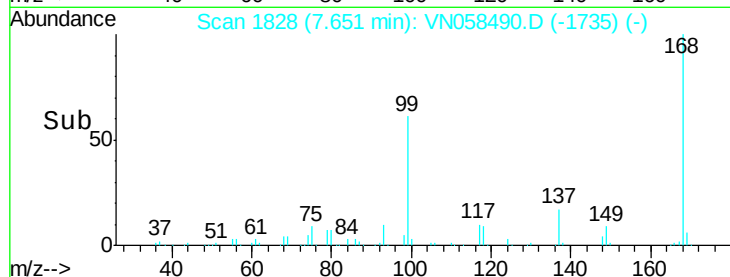
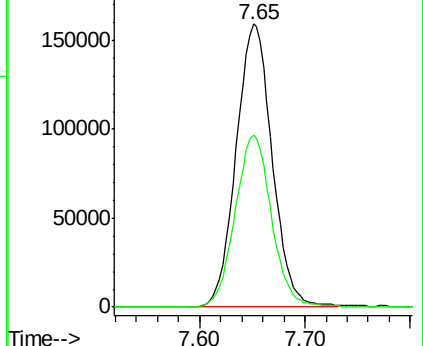
168 100

99 60.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 72.344 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058490.D

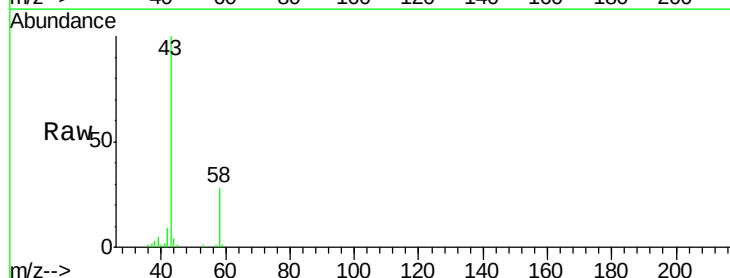
Acq: 2 Oct 2019 21:27

Tgt Ion: 43 Resp: 136017

Ion Ratio Lower Upper

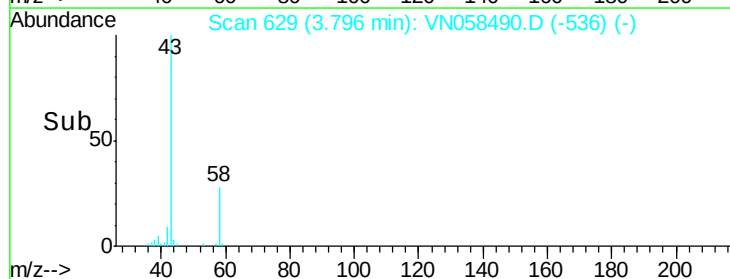
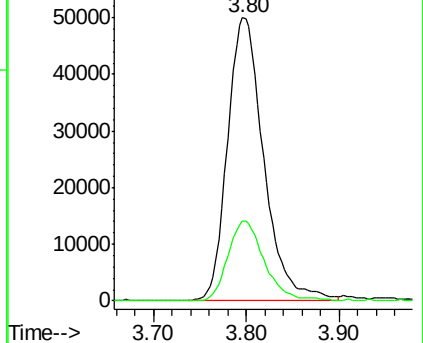
43 100

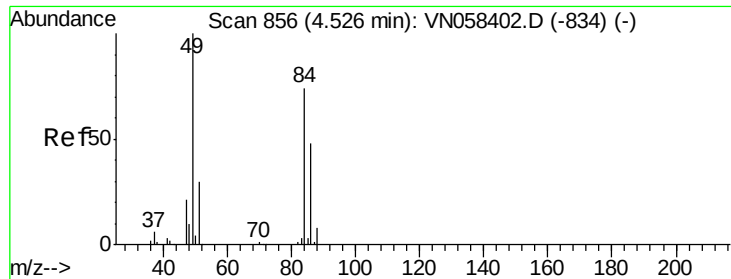
58 28.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

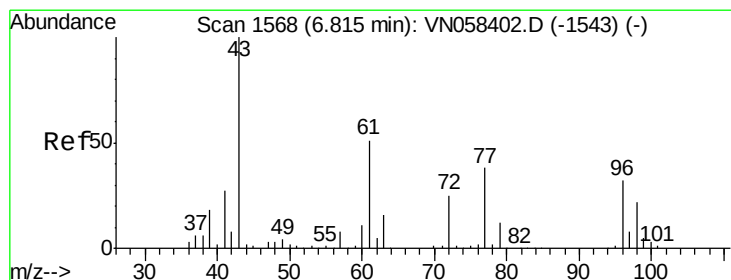
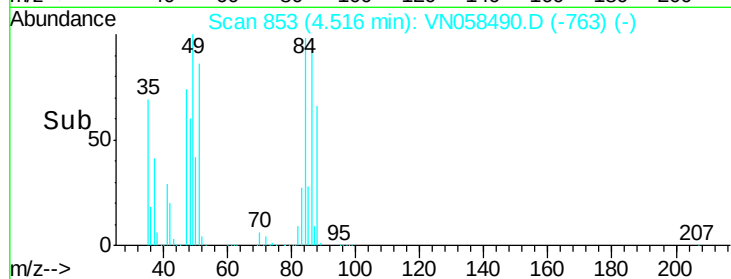
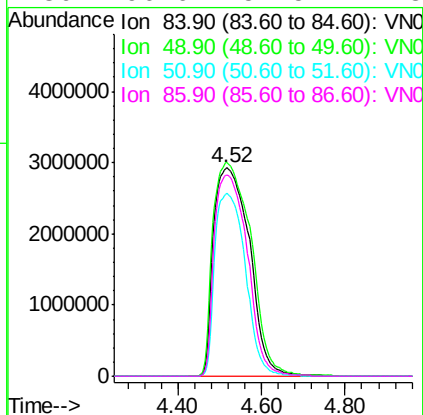
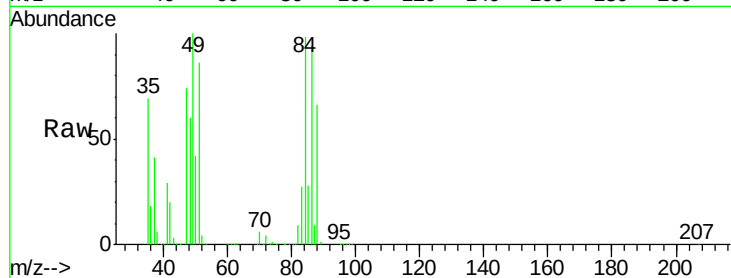




#20
Methvlene Chloride
Concen: 4013.547 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN058490.D
Acq: 2 Oct 2019 21:27

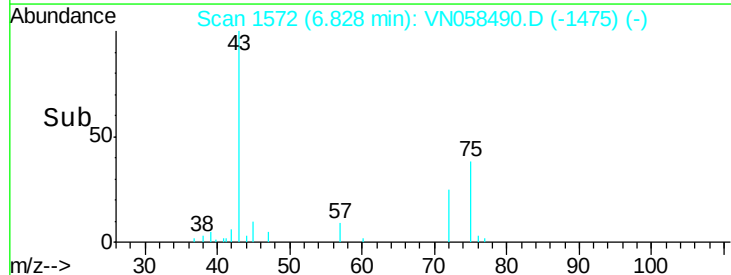
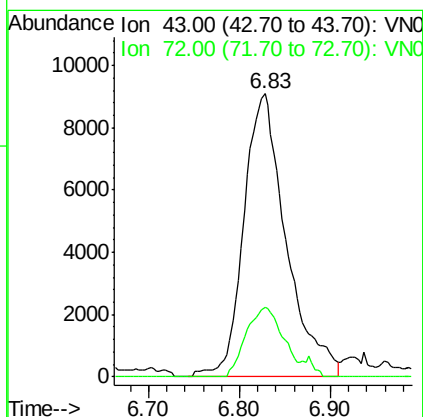
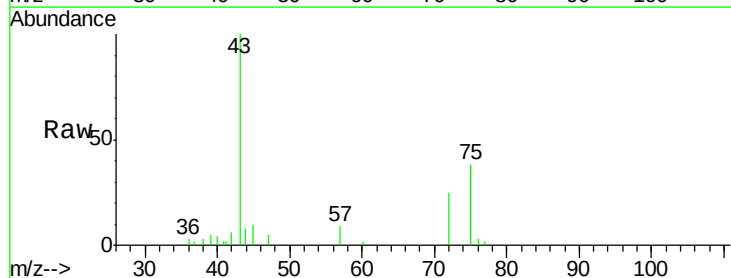
Instrument :
MSVOA_N
ClientSampleId :
20190825-COMPOSITE-A

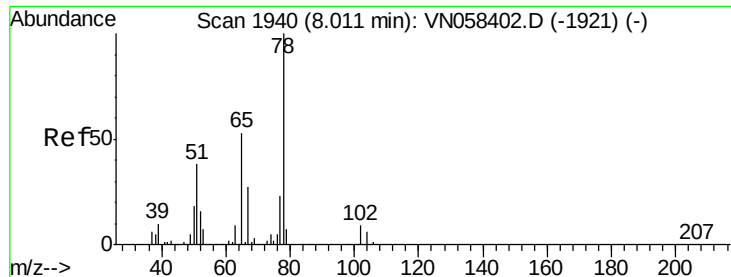
Tot Ion: 84 Resp:17414180
Ion Ratio Lower Upper
84 100
49 102.5 107.9 161.9#
51 87.7 32.8 49.2#
86 96.6 51.5 77.3#



#25
2-Butanone
Concen: 11.416 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN058490.D
Acq: 2 Oct 2019 21:27

Tgt Ion: 43 Resp: 29469
Ion Ratio Lower Upper
43 100
72 24.6 20.2 30.4

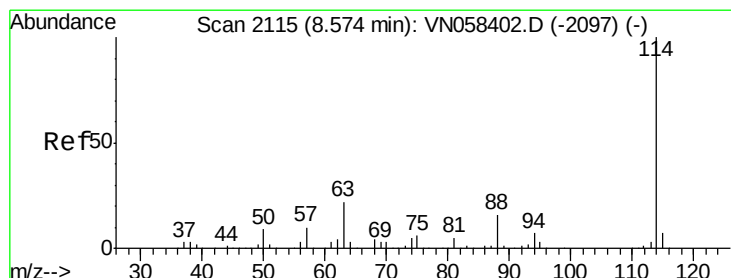
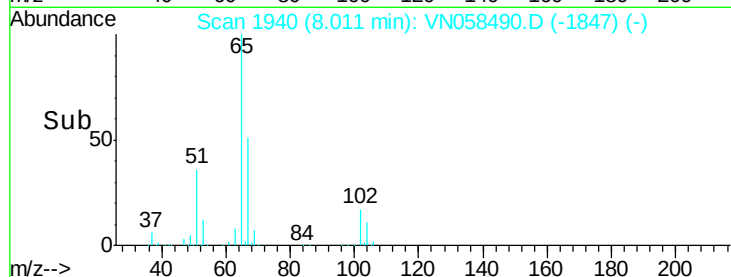
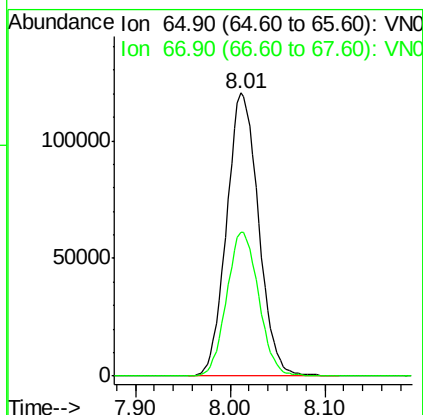
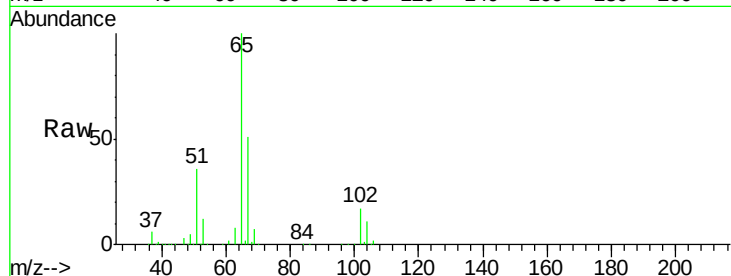




#33
 1,2-Dichloroethane-d4
 Concen: 51.285 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058490.D
 Acq: 2 Oct 2019 21:27

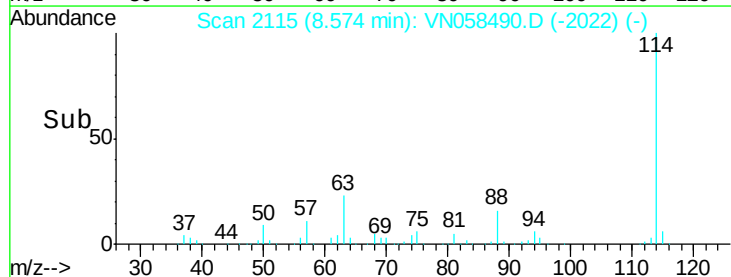
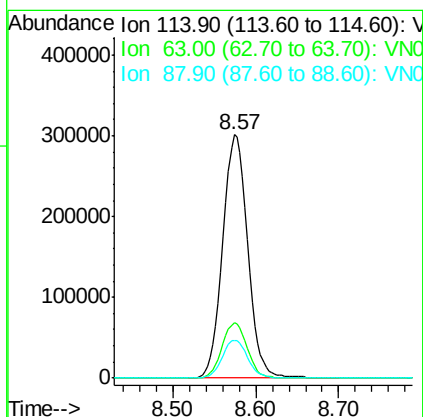
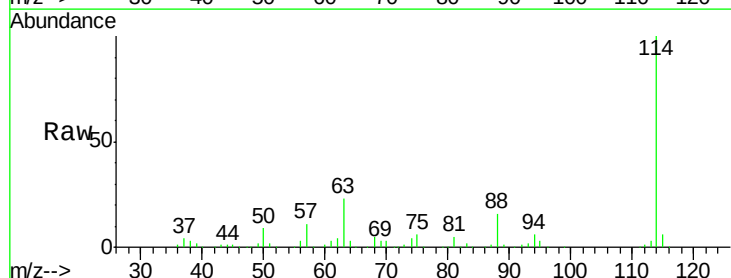
Instrument :
 MSVOA_N
 ClientSampleId :
 20190825-COMPOSITE-A

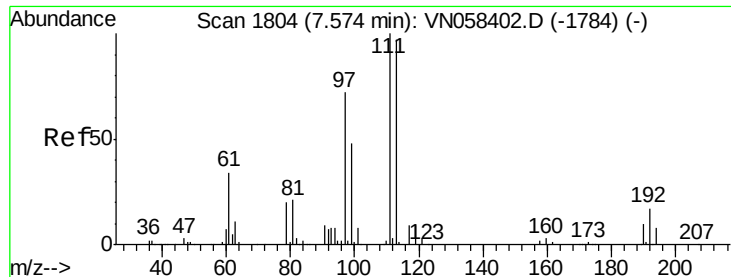
Tot Ion: 65 Resp: 282855
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058490.D
 Acq: 2 Oct 2019 21:27

Tgt Ion: 114 Resp: 633332
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 15.5 0.0 32.2

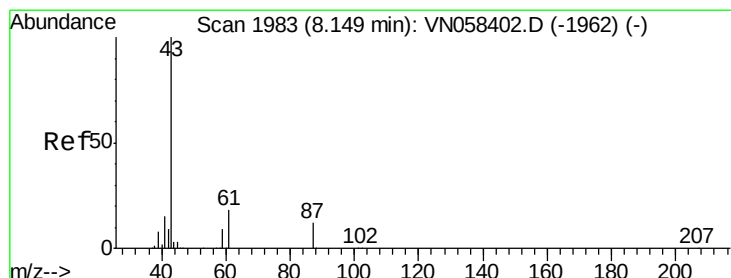
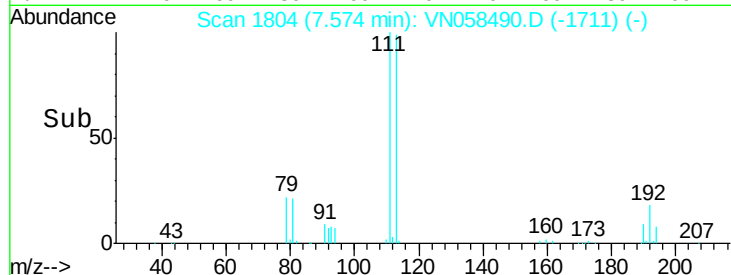
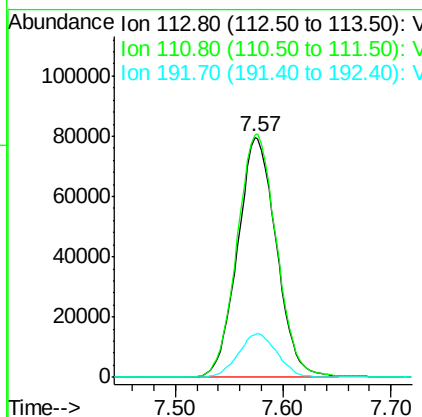
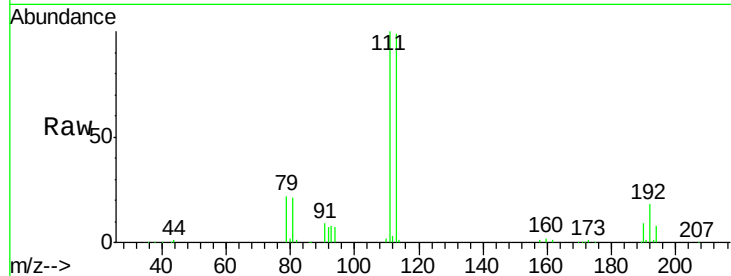




#35
 Dibromofluoromethane
 Concen: 51.234 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058490.D
 Acq: 2 Oct 2019 21:27

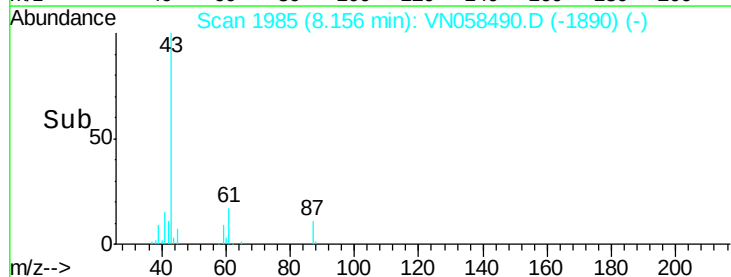
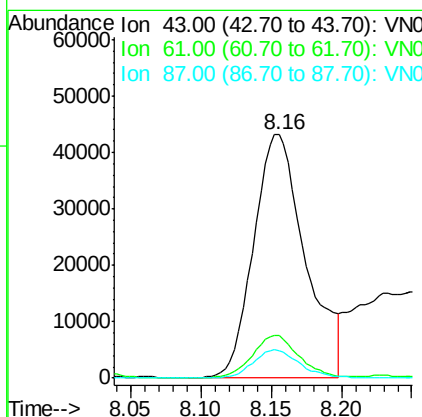
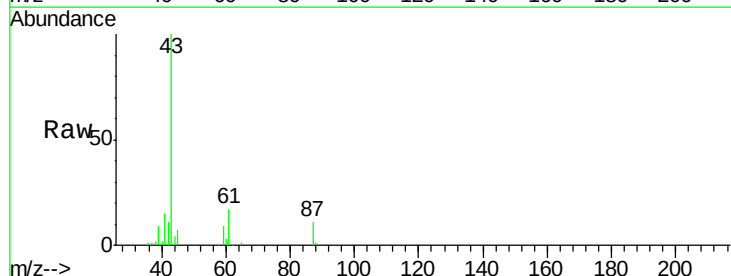
Instrument :
 MSVOA_N
 ClientSampleId :
 20190825-COMPOSITE-A

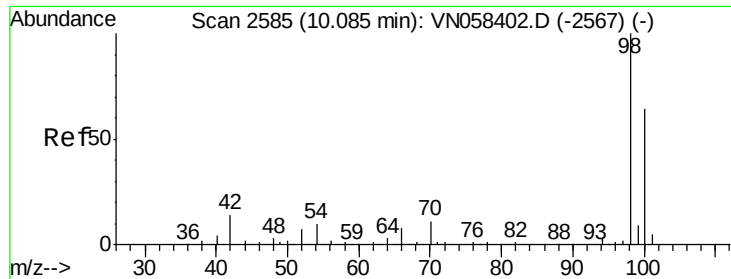
Tot Ion:113 Resp: 198872
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.4 125.2
 192 18.3 14.9 22.3



#43
 Isopropyl Acetate
 Concen: 11.496 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN058490.D
 Acq: 2 Oct 2019 21:27

Tgt Ion: 43 Resp: 110996
 Ion Ratio Lower Upper
 43 100
 61 15.8 14.8 22.2
 87 10.3 9.7 14.5





#50

Toluene-d8

Concen: 52.530 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058490.D

Acq: 2 Oct 2019 21:27

Instrument :

MSVOA_N

ClientSampleId :

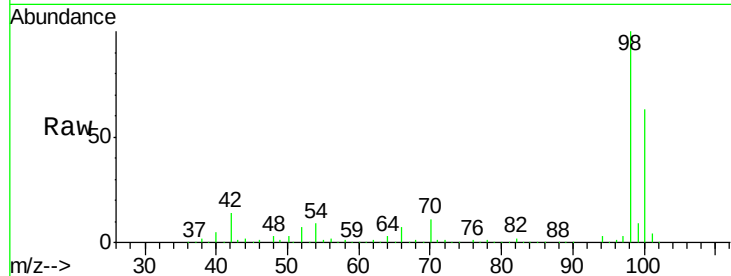
20190825-COMPOSITE-A

Tot Ion: 98 Resp: 798770

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6



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

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.09

400000

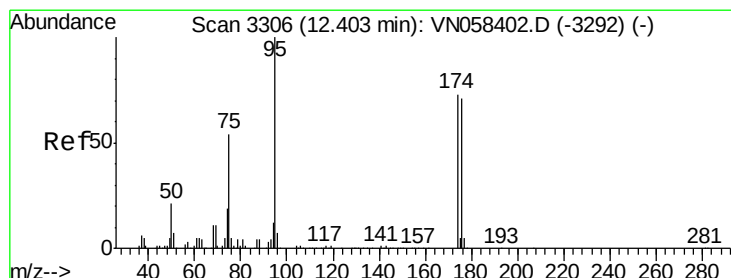
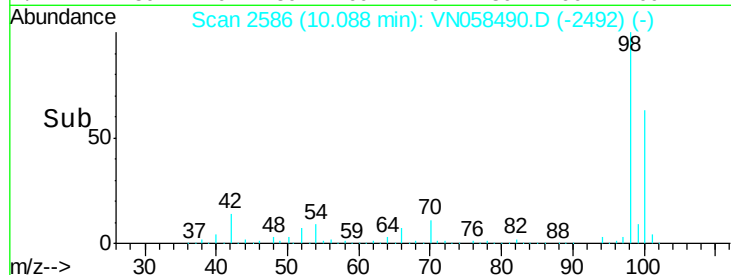
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.097 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058490.D

Acq: 2 Oct 2019 21:27

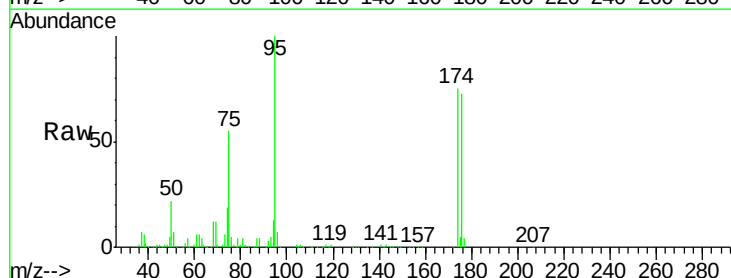
Tgt Ion: 95 Resp: 247953

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

176 72.5 0.0 146.2



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

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

200000

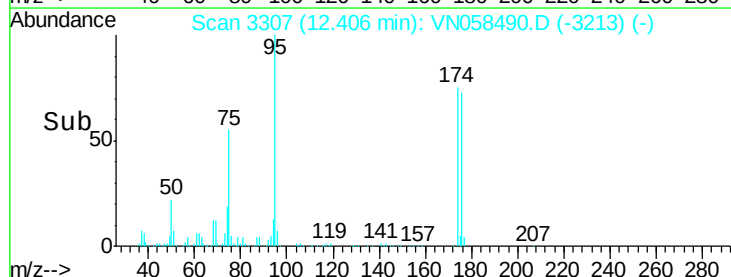
150000

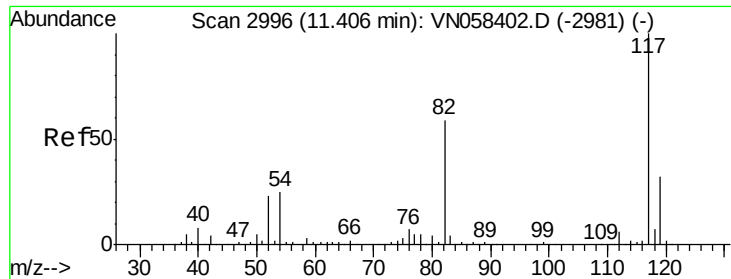
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058490.D

Acq: 2 Oct 2019 21:27

Instrument :

MSVOA_N

ClientSampleId :

20190825-COMPOSITE-A

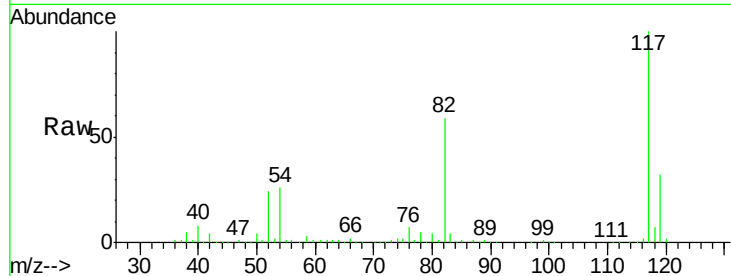
Tot Ion:117 Resp: 547457

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.0

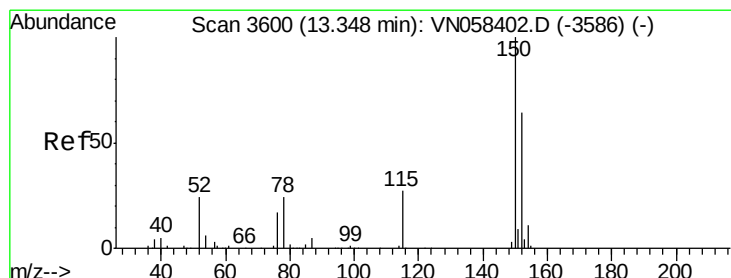
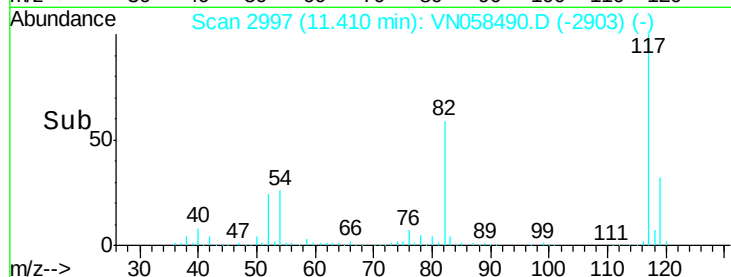
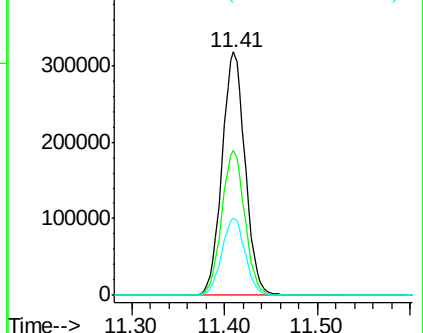
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058490.D

Acq: 2 Oct 2019 21:27

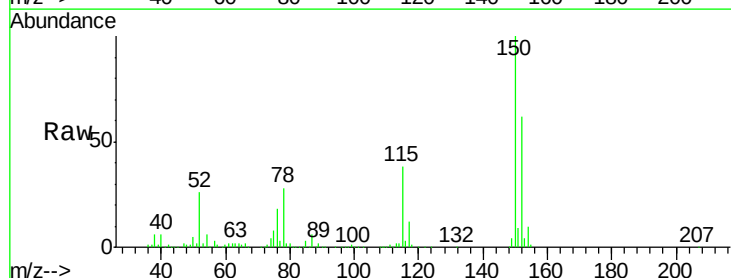
Tgt Ion:152 Resp: 207276

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 159.0 0.0 348.2



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

