

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057530.D
 Acq On : 26 Aug 2019 23:46
 Operator : JC/SP
 Sample : K4493-35
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(0)

Quant Time: Aug 27 08:25:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

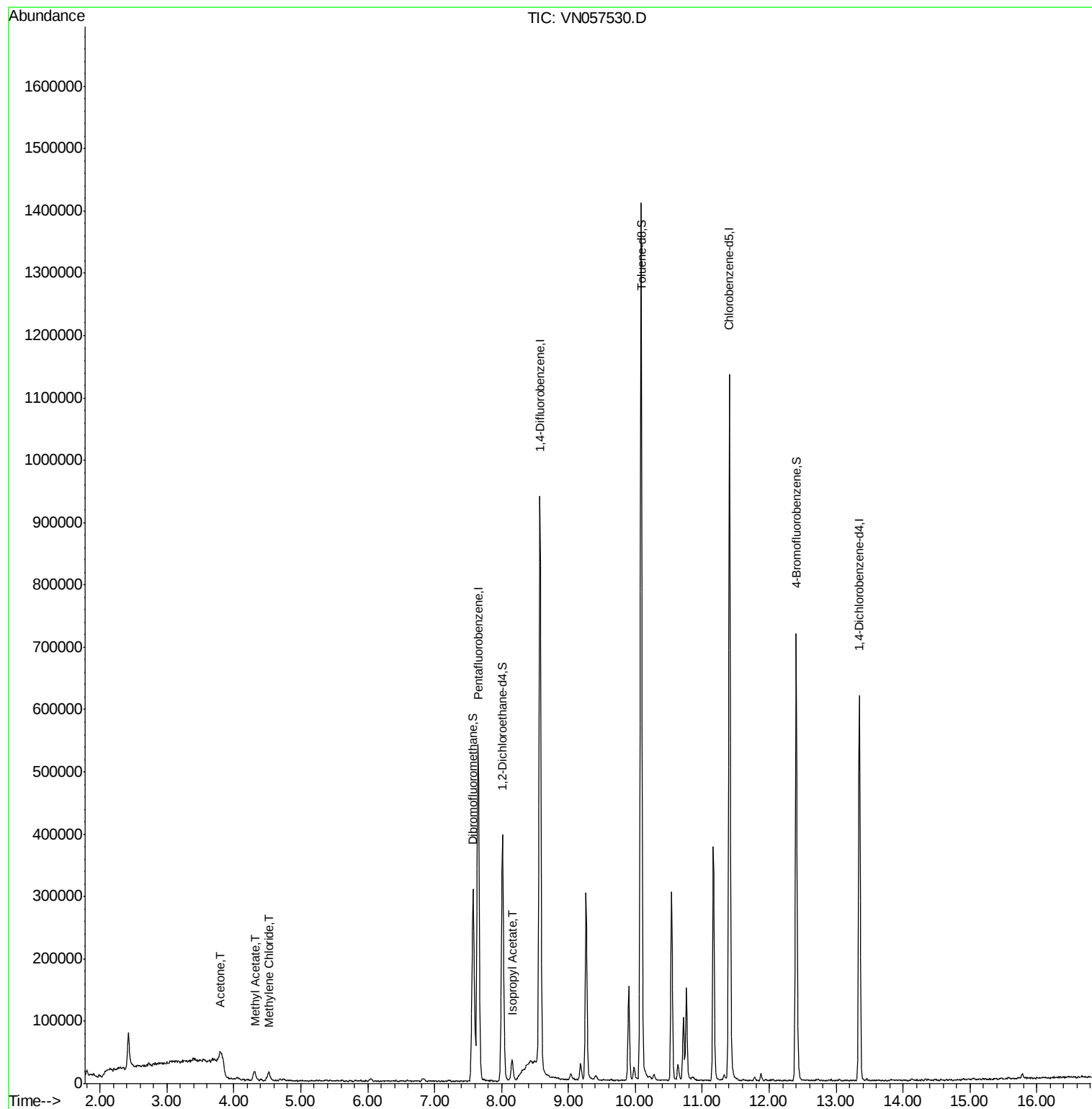
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	707537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	150661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	329517	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	7.57	113	218869	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
50) Toluene-d8	10.09	98	915280	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	252623	41.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.50%	
Target Compounds						
16) Acetone	3.80	43	29835	9.350	ug/l	94
18) Methyl Acetate	4.31	43	26649	2.973	ug/l	99
20) Methylene Chloride	4.53	84	8814	1.791	ug/l	92
43) Isopropyl Acetate	8.16	43	42921	3.277	ug/l	99

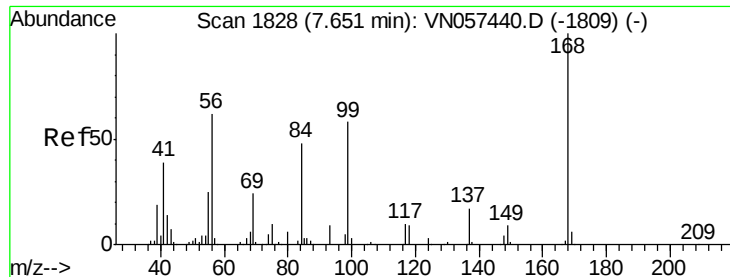
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 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: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

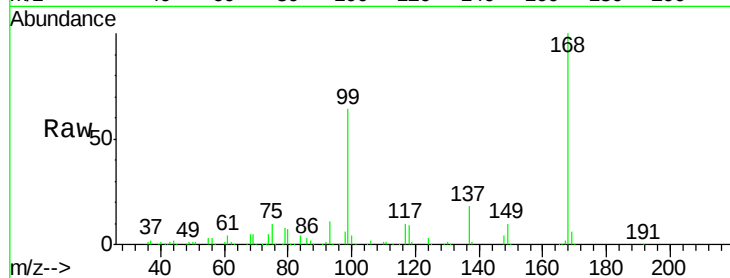
T9-12-13-K3-(0)

Tot Ion:168 Resp: 394996

Ion Ratio Lower Upper

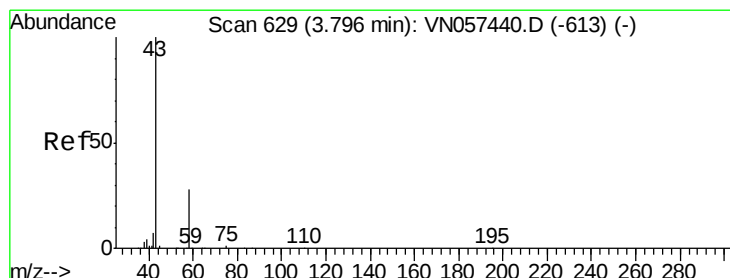
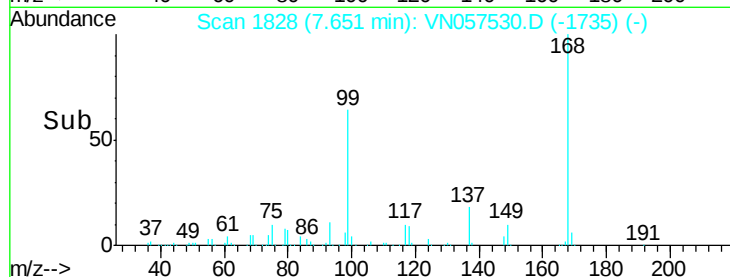
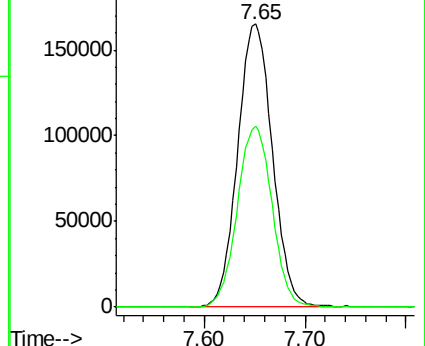
168 100

99 64.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.350 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057530.D

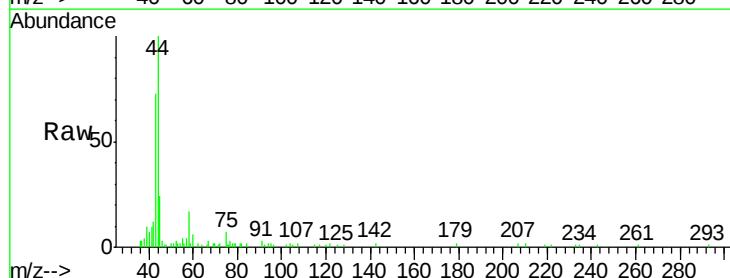
Acq: 26 Aug 2019 23:46

Tgt Ion: 43 Resp: 29835

Ion Ratio Lower Upper

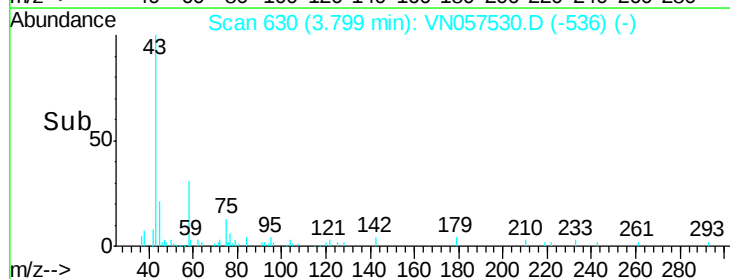
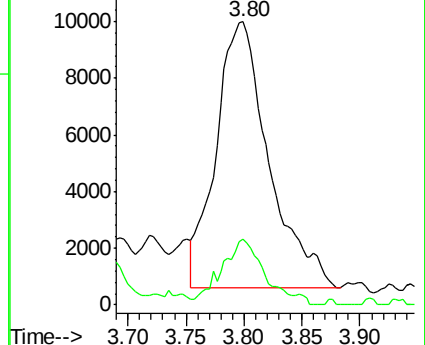
43 100

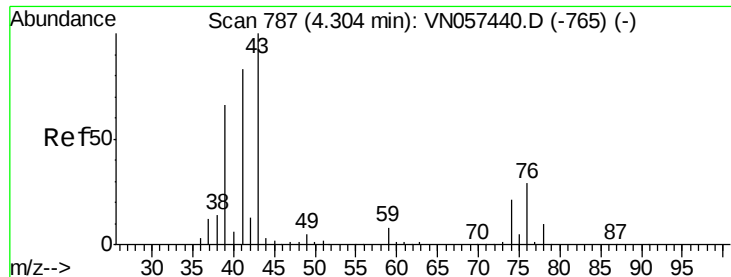
58 24.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methyl Acetate

Concen: 2.973 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

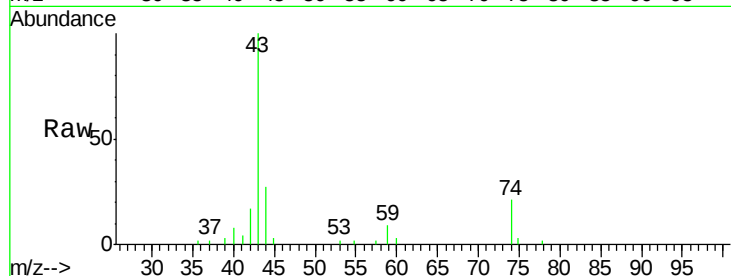
T9-12-13-K3-(0)

Tot Ion: 43 Resp: 26649

Ion Ratio Lower Upper

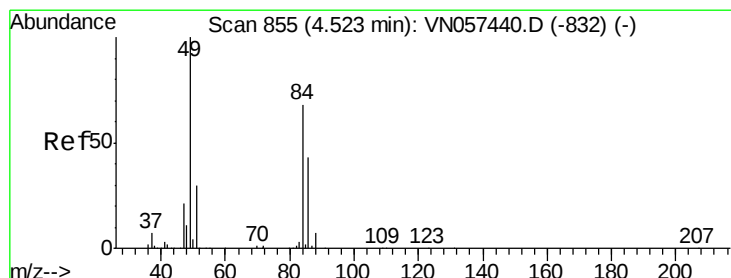
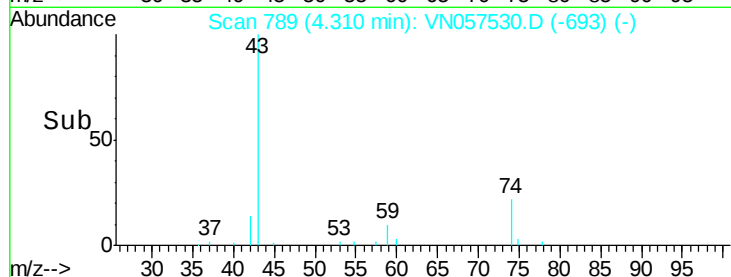
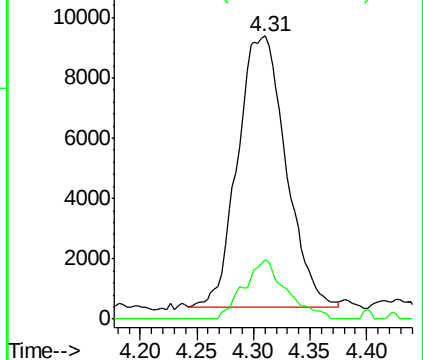
43 100

74 19.3 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 1.791 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Tgt Ion: 84 Resp: 8814

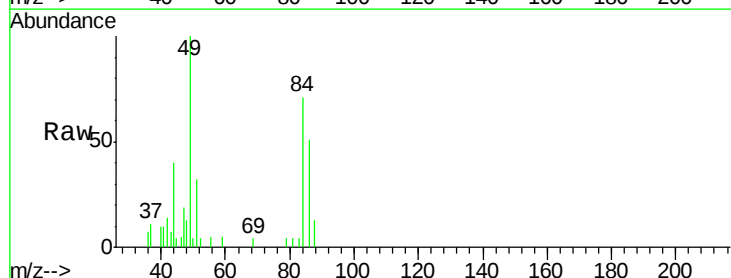
Ion Ratio Lower Upper

84 100

49 134.3 117.0 175.4

51 44.8 35.5 53.3

86 71.3 49.8 74.8

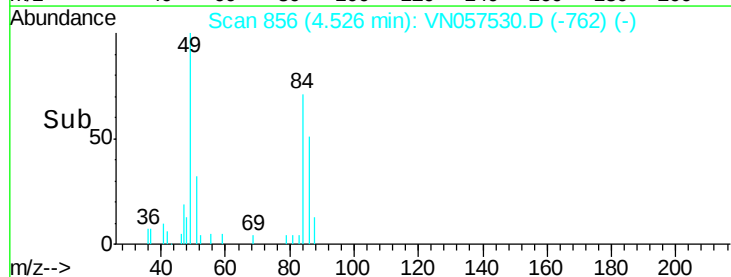
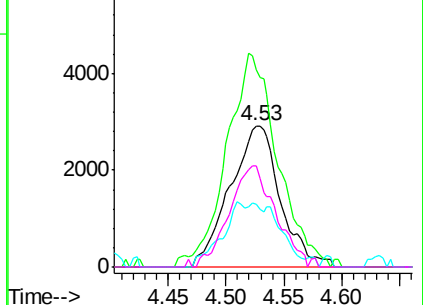


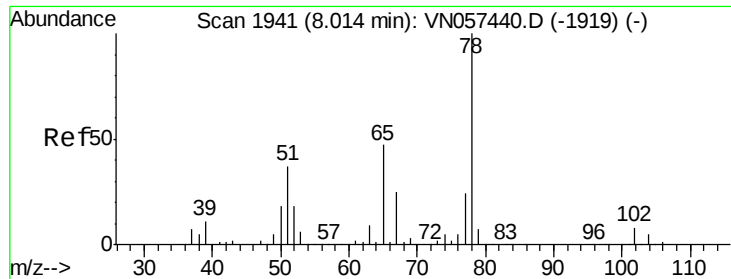
Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.423 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

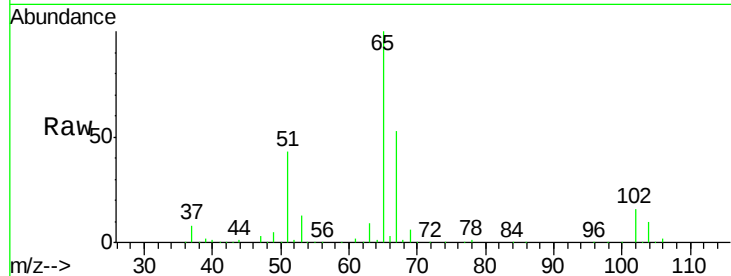
T9-12-13-K3-(0)

Tot Ion: 65 Resp: 329517

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057440.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN057440.D (-1919) (-)

8.01

150000

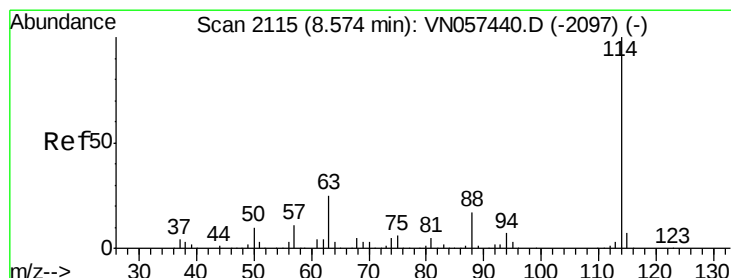
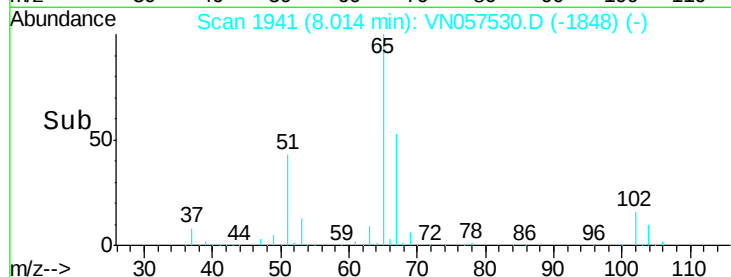
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

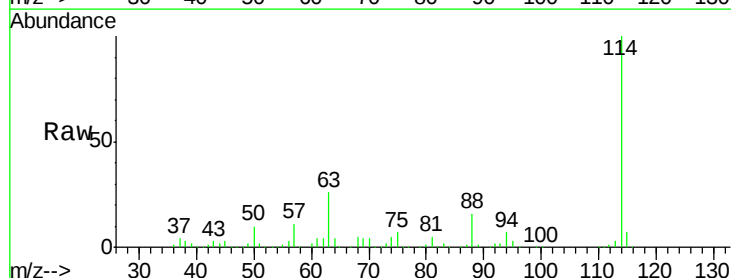
Tgt Ion: 114 Resp: 707537

Ion Ratio Lower Upper

114 100

63 25.6 0.0 50.2

88 16.2 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057440.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057440.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057440.D (-2097) (-)

8.57

400000

300000

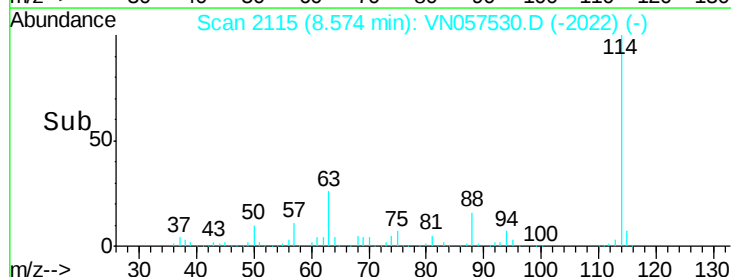
200000

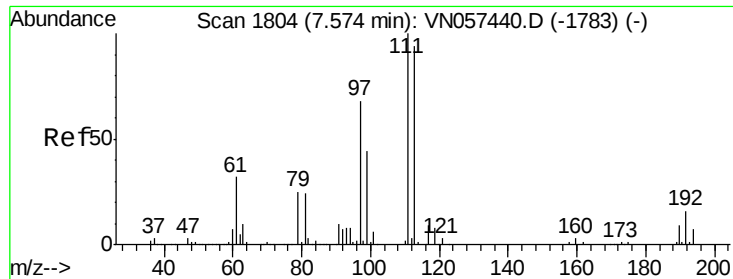
100000

0

8.50 8.60 8.70

Time-->

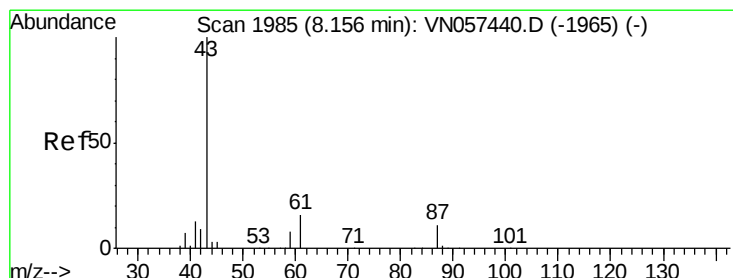
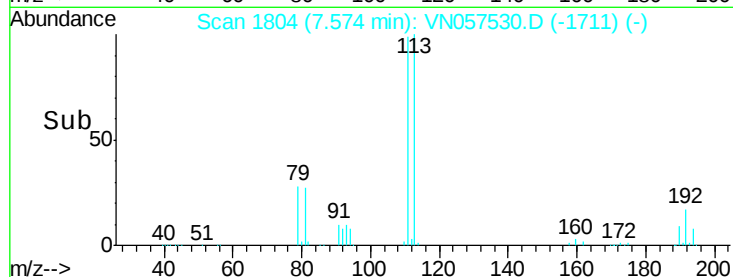
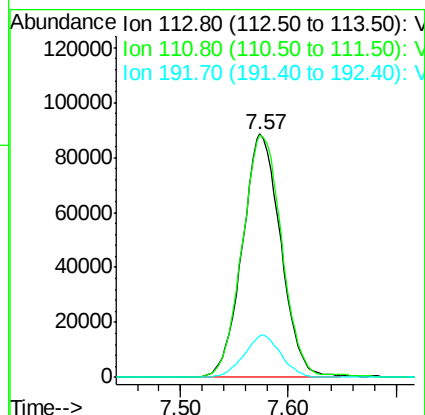
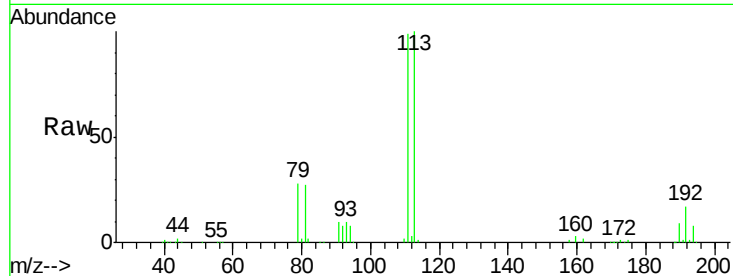




#35
 Dibromofluoromethane
 Concen: 45.797 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

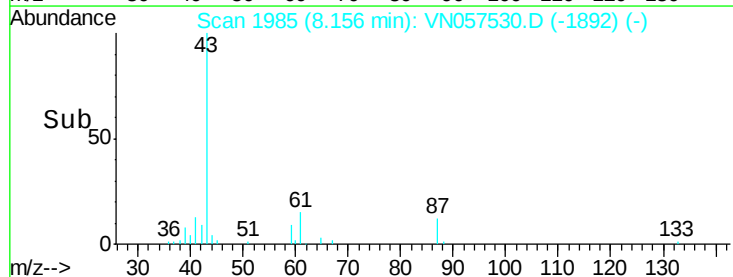
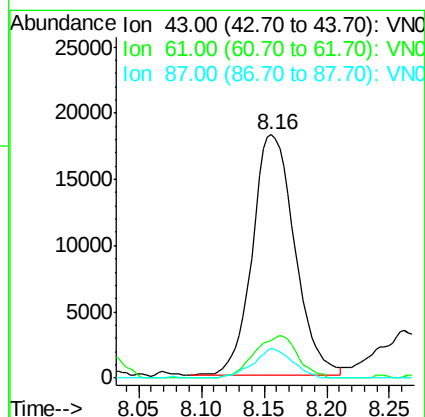
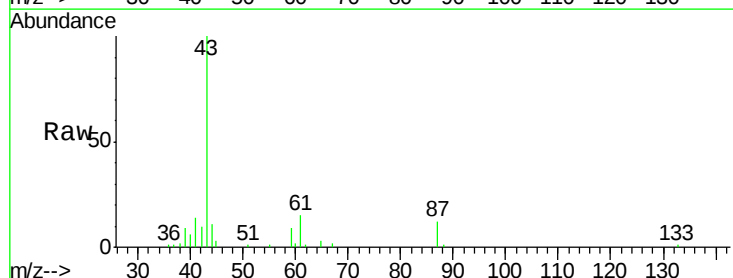
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(0)

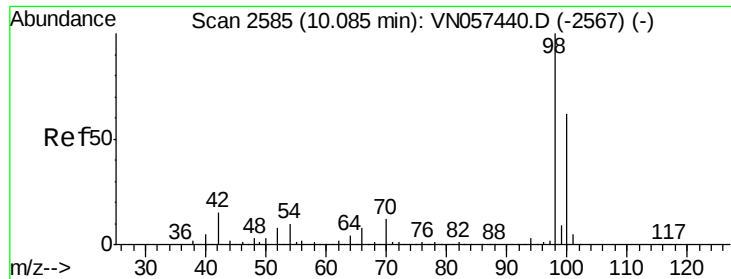
Tot Ion:113 Resp: 218869
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.8 125.6
 192 16.6 13.5 20.3



#43
 Isopropyl Acetate
 Concen: 3.277 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

Tgt Ion: 43 Resp: 42921
 Ion Ratio Lower Upper
 43 100
 61 18.0 14.5 21.7
 87 11.2 8.6 12.8





#50

Toluene-d8

Concen: 50.650 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampled :

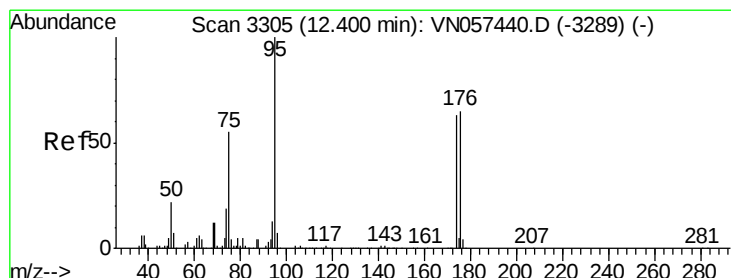
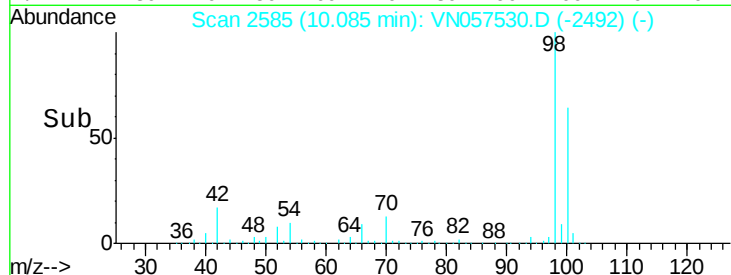
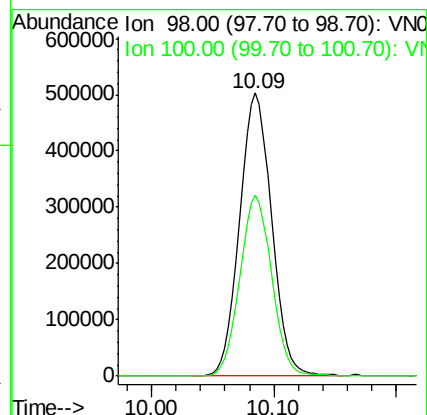
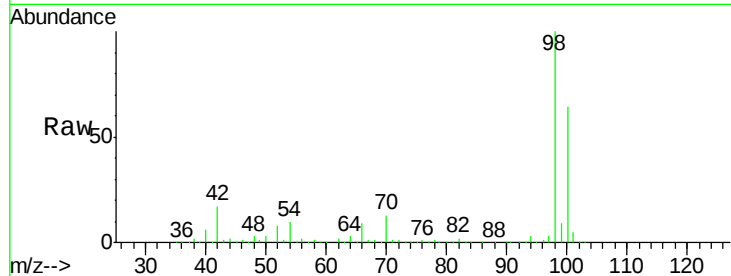
T9-12-13-K3-(0)

Tot Ion: 98 Resp: 915280

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.252 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

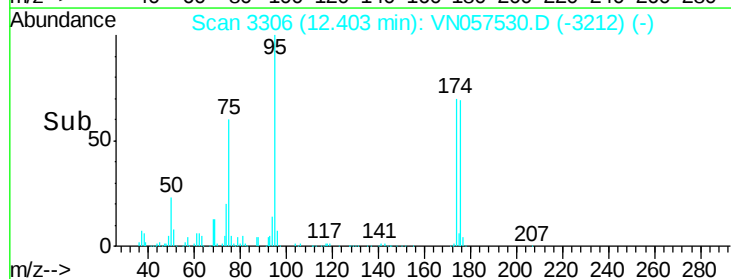
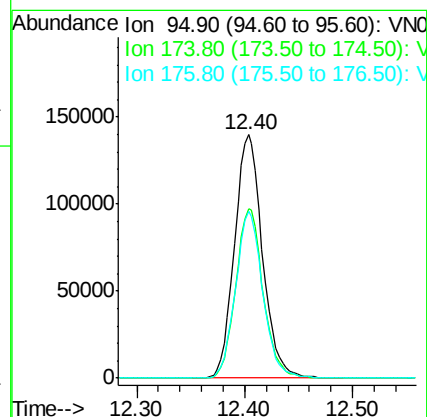
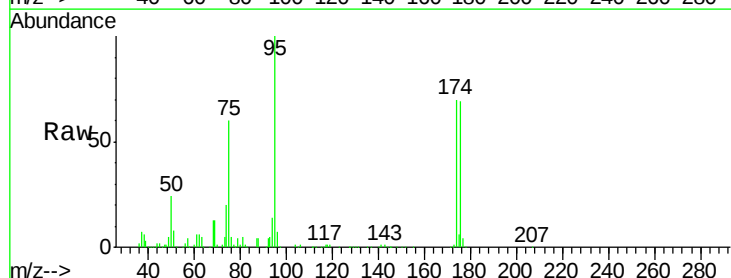
Tgt Ion: 95 Resp: 252623

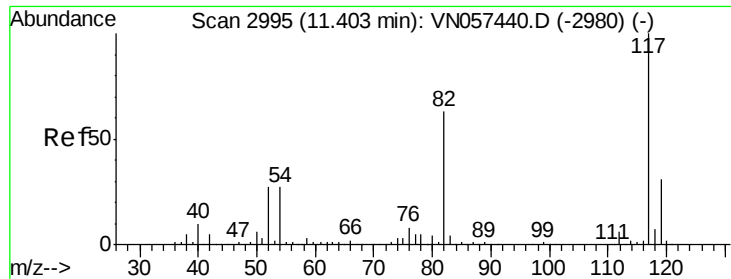
Ion Ratio Lower Upper

95 100

174 68.3 0.0 133.0

176 66.7 0.0 130.8

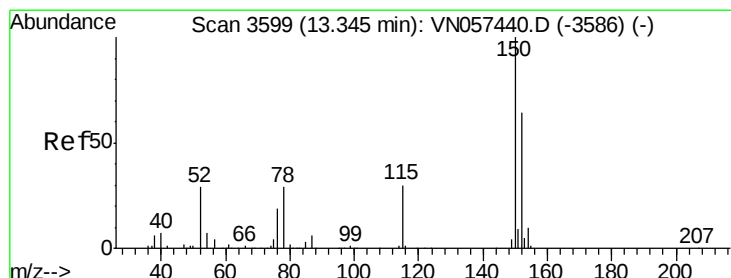
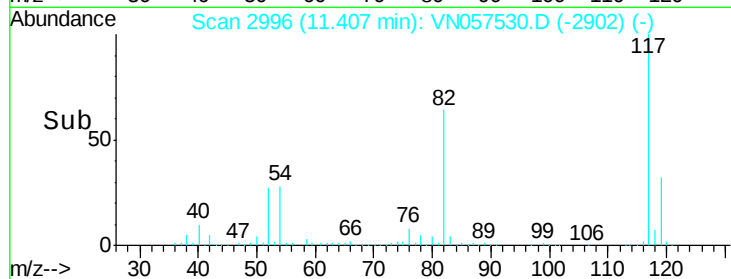
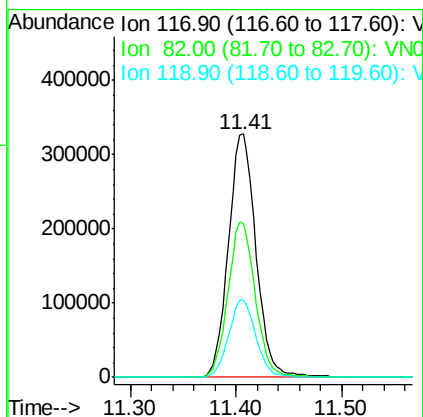
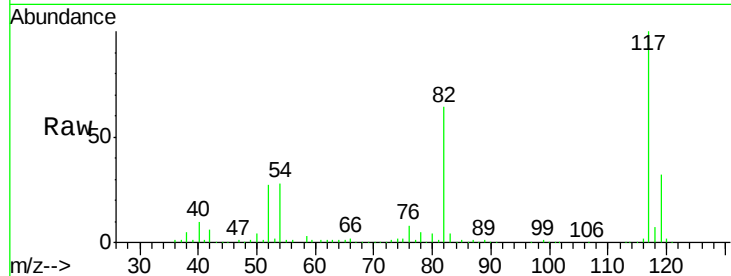




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(0)

Tot Ion:117 Resp: 593189
Ion Ratio Lower Upper
117 100
82 63.5 50.6 75.8
119 32.0 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

Tgt Ion:152 Resp: 150661
Ion Ratio Lower Upper
152 100
115 62.2 32.0 96.0
150 158.7 0.0 346.6

