

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057523.D
 Acq On : 26 Aug 2019 20:47
 Operator : JC/SP
 Sample : K4493-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-H-(1.9)

Quant Time: Aug 27 08:13:25 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

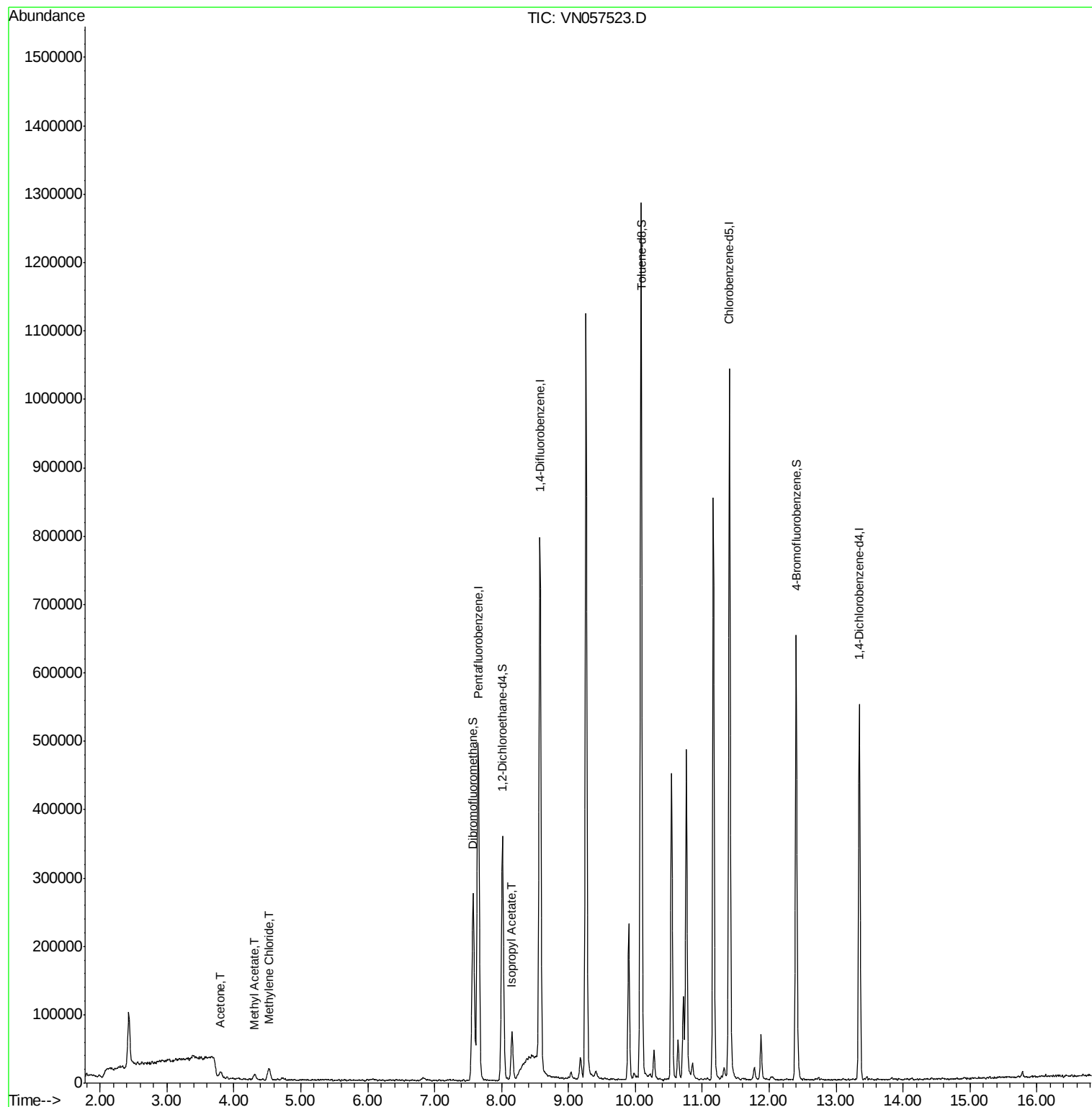
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	363212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	129125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	301171	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	7.57	113	199695	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.08	98	848060	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.40	95	229938	42.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.22%	
Target Compounds						
16) Acetone	3.80	43	11415	3.890	ug/l	97
18) Methyl Acetate	4.31	43	14498	1.362	ug/l #	72
20) Methylene Chloride	4.53	84	9997	2.226	ug/l	88
43) Isopropyl Acetate	8.16	43	83019	7.192	ug/l	99

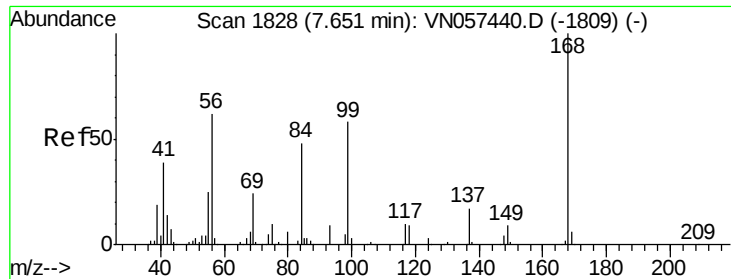
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057523.D

Acq: 26 Aug 2019 20:47

Instrument :

MSVOA_N

ClientSampleId :

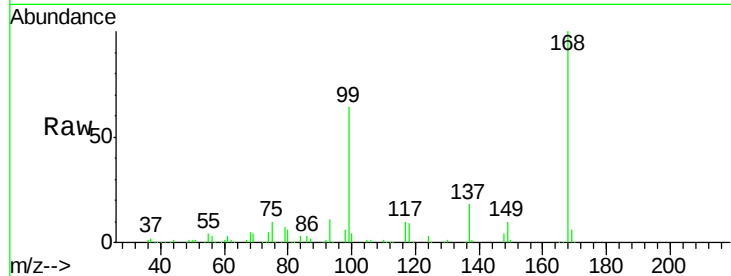
T9-12-13-H-(1.9)

Tot Ion:168 Resp: 363212

Ion Ratio Lower Upper

168 100

99 64.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

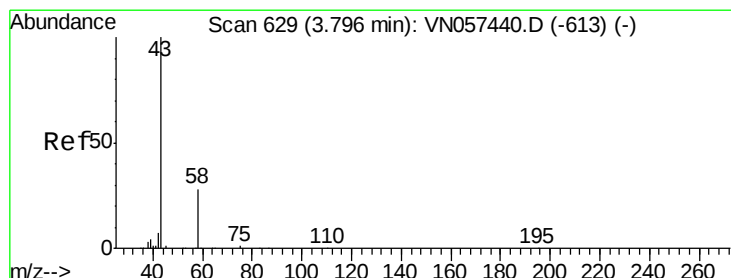
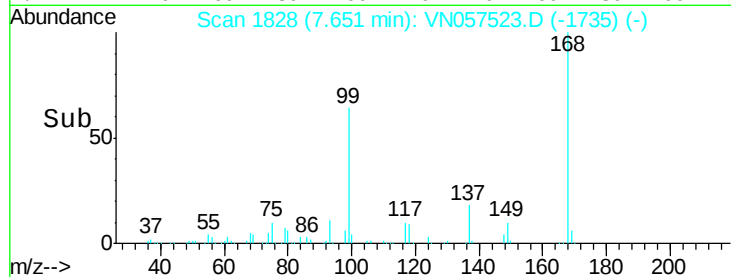
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.890 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057523.D

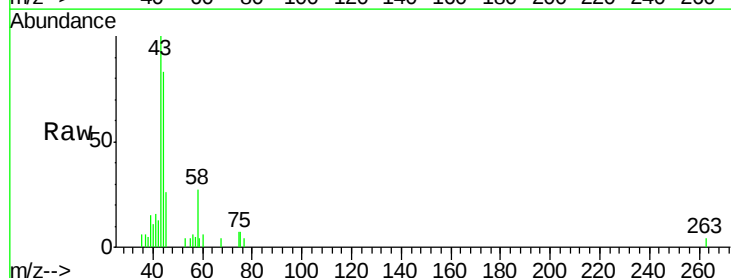
Acq: 26 Aug 2019 20:47

Tgt Ion: 43 Resp: 11415

Ion Ratio Lower Upper

43 100

58 29.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

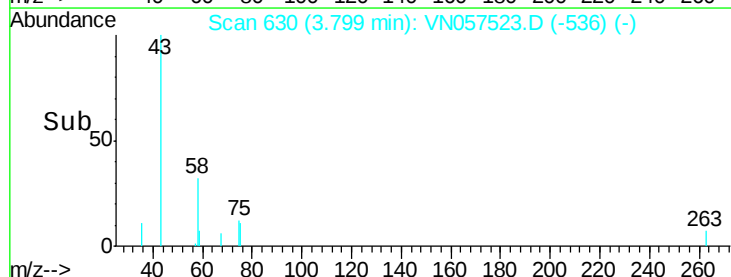
3000

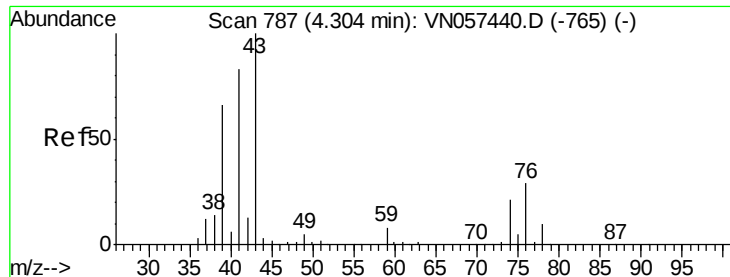
2000

1000

0

Time-->





#18

Methyl Acetate

Concen: 1.362 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057523.D

Acq: 26 Aug 2019 20:47

Instrument :

MSVOA_N

ClientSampled :

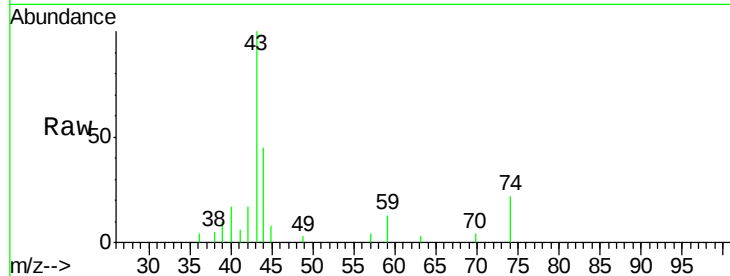
T9-12-13-H-(1.9)

Tot Ion: 43 Resp: 14498

Ion Ratio Lower Upper

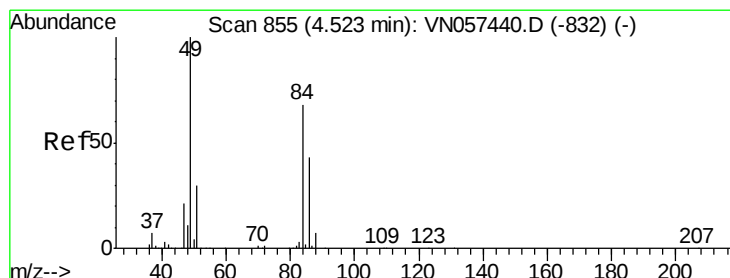
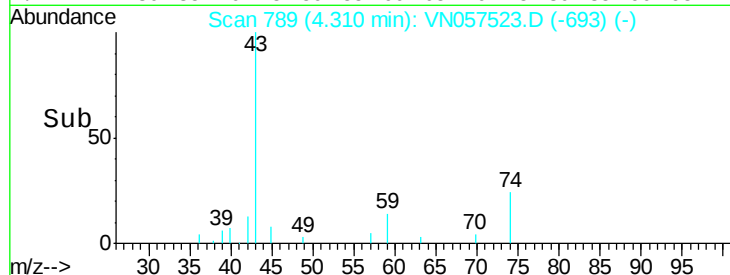
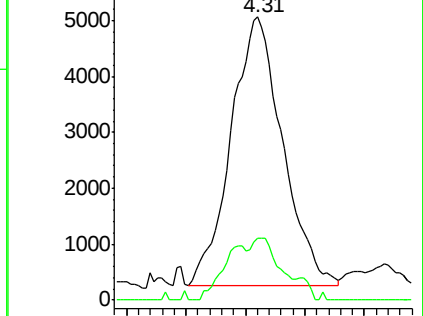
43 100

74 7.1 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: 2.226 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057523.D

Acq: 26 Aug 2019 20:47

Tgt Ion: 84 Resp: 9997

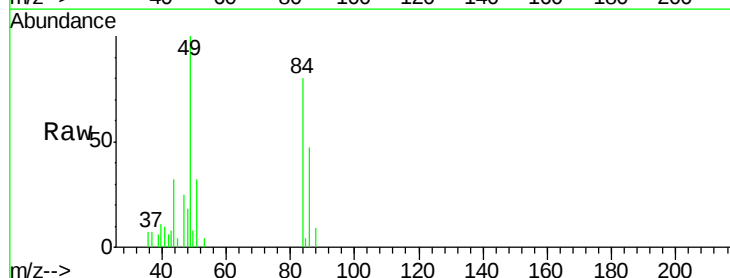
Ion Ratio Lower Upper

84 100

49 125.0 117.0 175.4

51 39.9 35.5 53.3

86 58.8 49.8 74.8

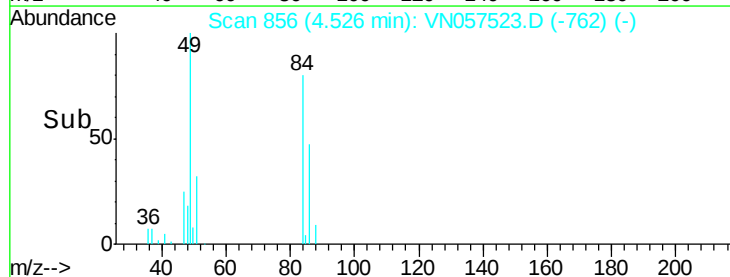
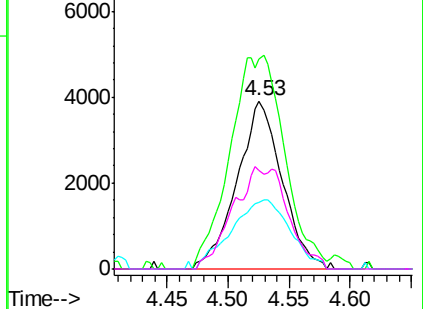


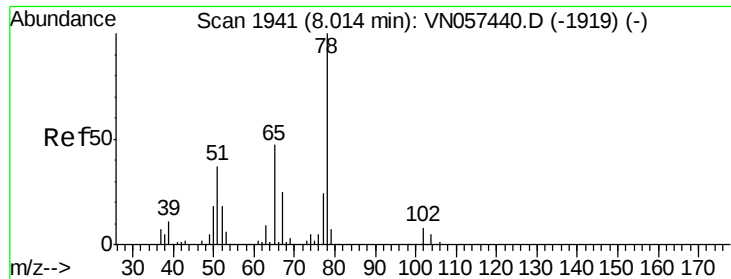
Abundance Ion 83.90 (83.60 to 84.60): VN0

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

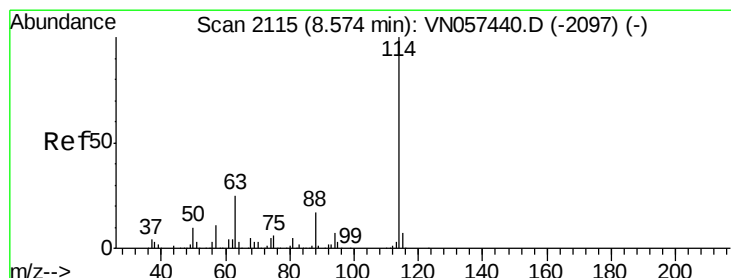
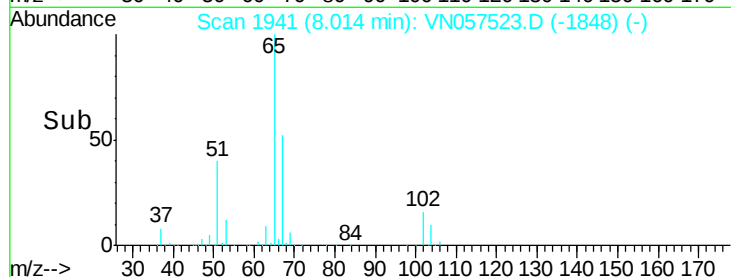
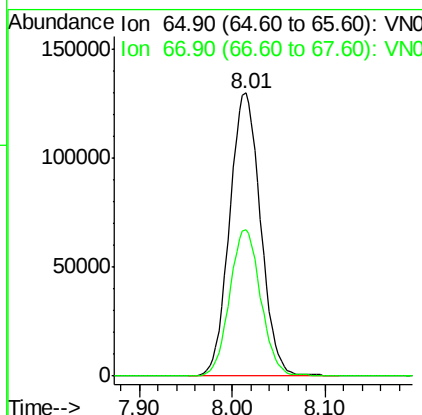
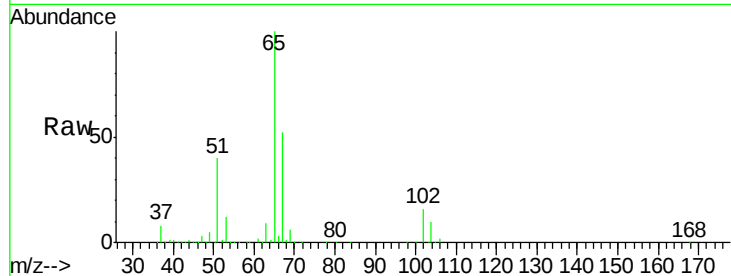




#33
 1,2-Dichloroethane-d4
 Concen: 47.136 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057523.D
 Acq: 26 Aug 2019 20:47

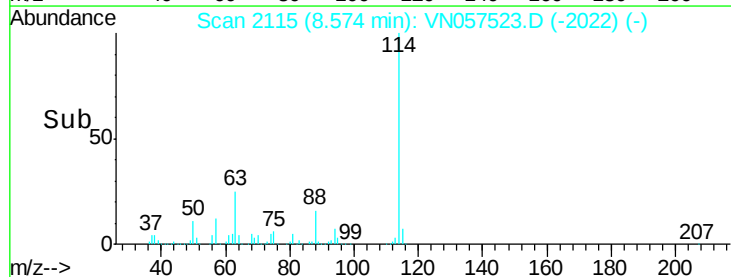
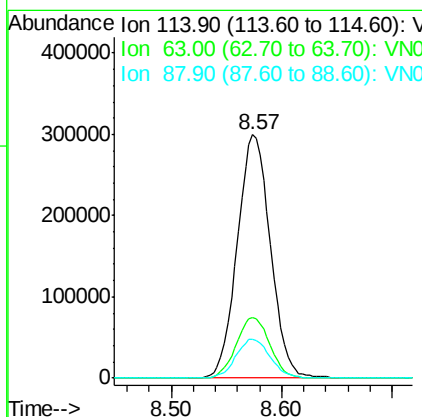
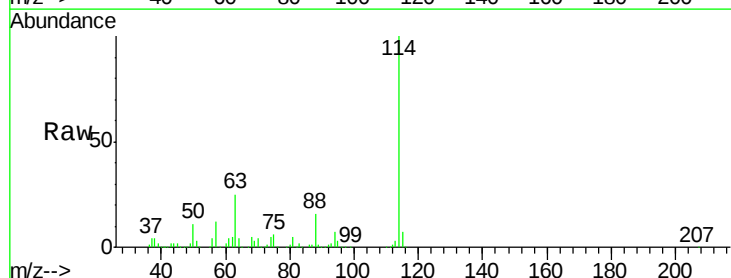
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-H-(1.9)

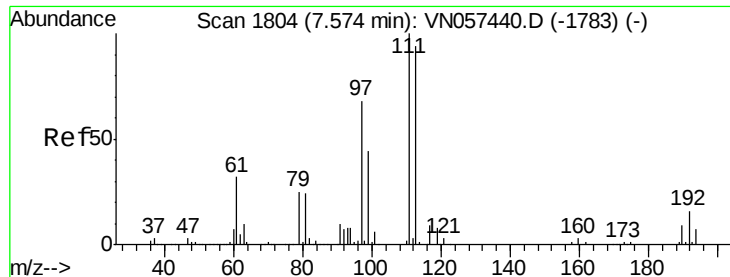
Tot Ion: 65 Resp: 301171
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057523.D
 Acq: 26 Aug 2019 20:47

Tgt Ion: 114 Resp: 623480
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.2 0.0 34.6

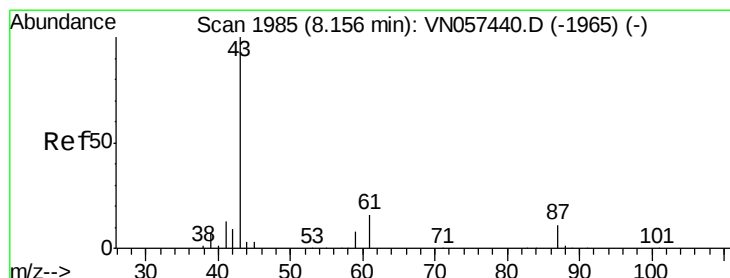
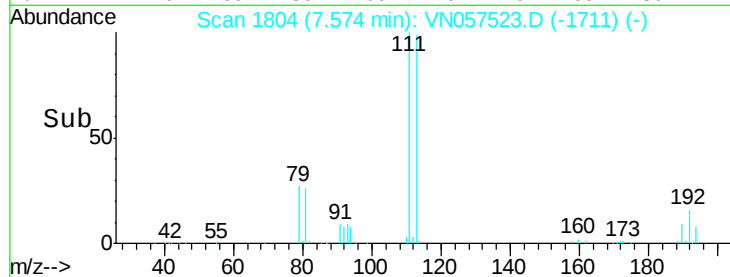
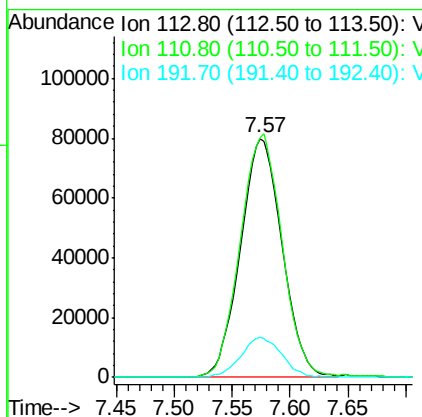
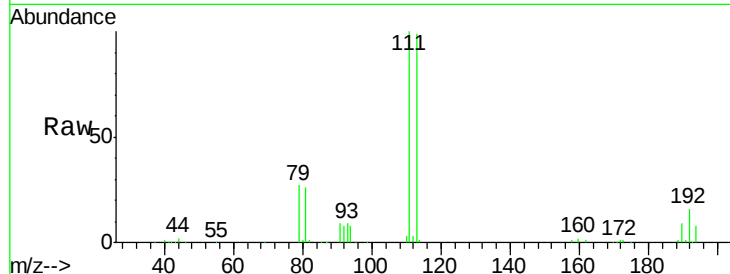




#35
 Dibromofluoromethane
 Concen: 47.418 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057523.D
 Acq: 26 Aug 2019 20:47

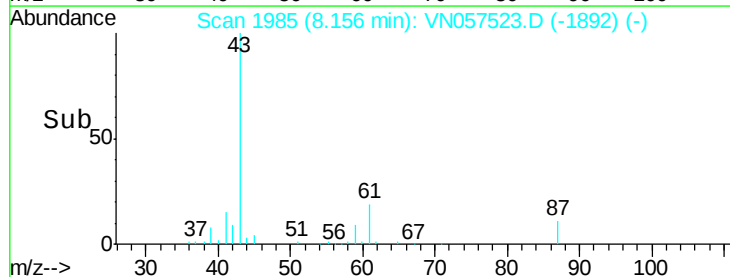
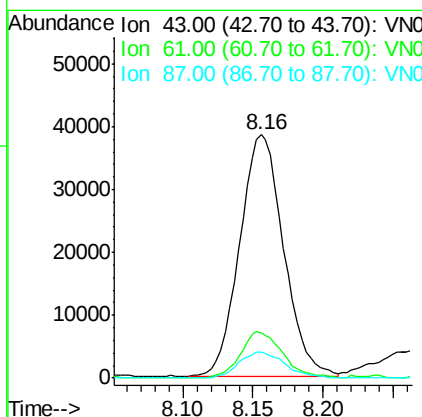
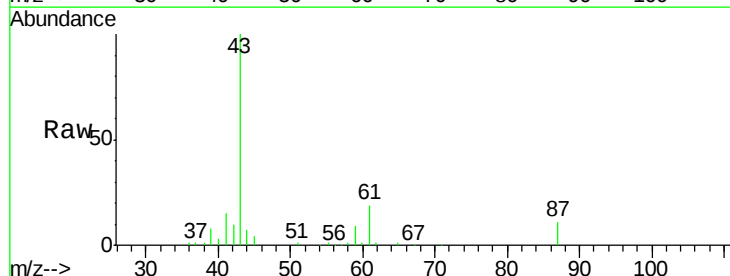
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-H-(1.9)

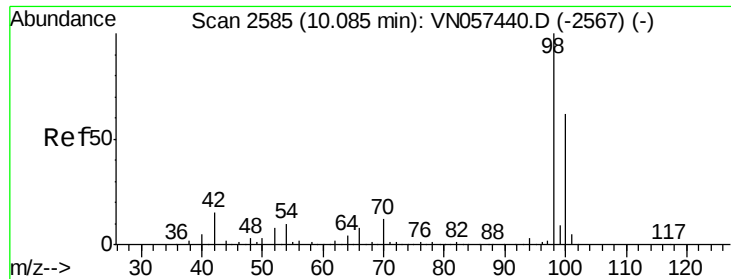
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	16.4	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 7.192 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057523.D
 Acq: 26 Aug 2019 20:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.5	21.7
87	11.4	8.6	12.8





#50

Toluene-d8

Concen: 53.257 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057523.D

Acq: 26 Aug 2019 20:47

Instrument :

MSVOA_N

ClientSampleId :

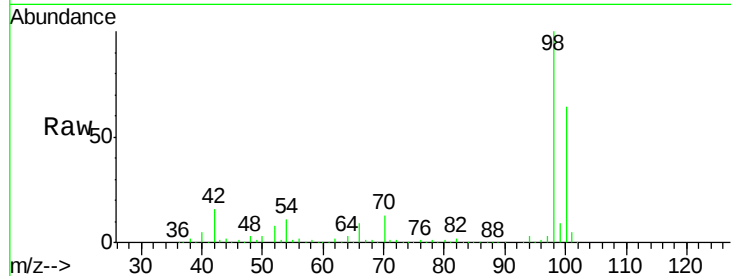
T9-12-13-H-(1.9)

Tot Ion: 98 Resp: 848060

Ion Ratio Lower Upper

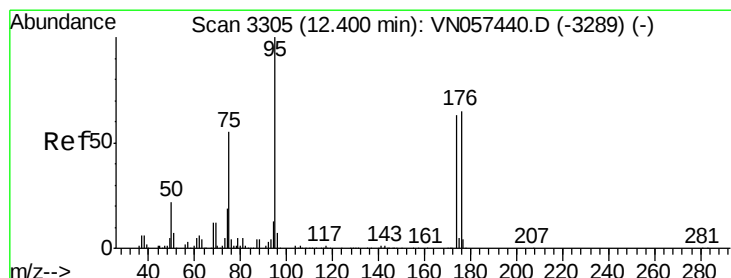
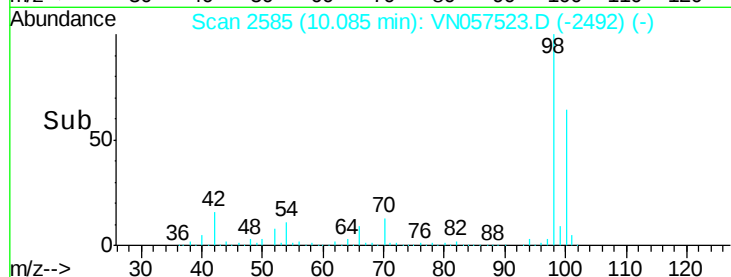
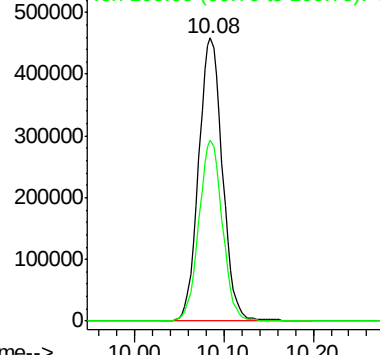
98 100

100 62.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 42.610 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057523.D

Acq: 26 Aug 2019 20:47

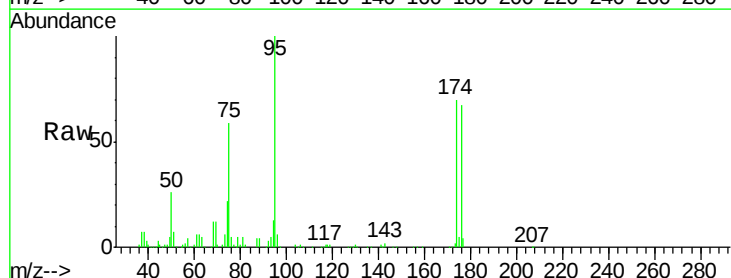
Tgt Ion: 95 Resp: 229938

Ion Ratio Lower Upper

95 100

174 67.2 0.0 133.0

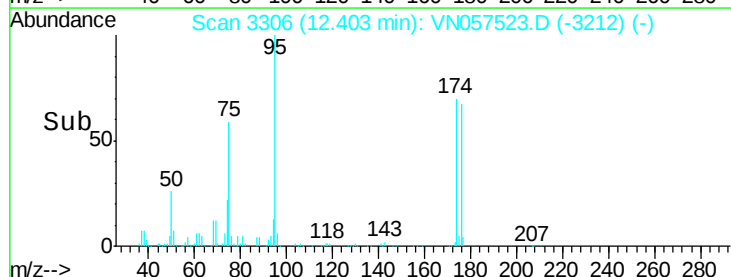
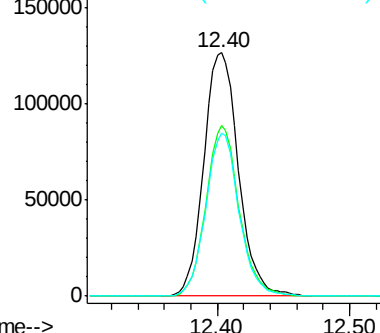
176 64.6 0.0 130.8

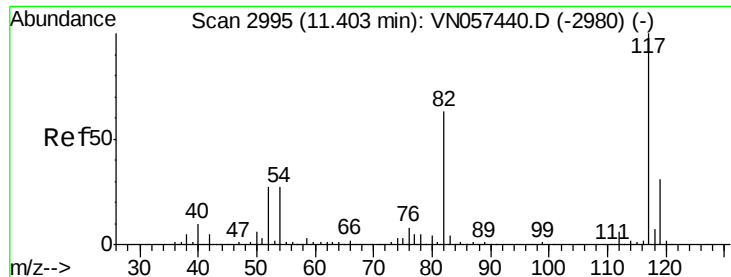


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

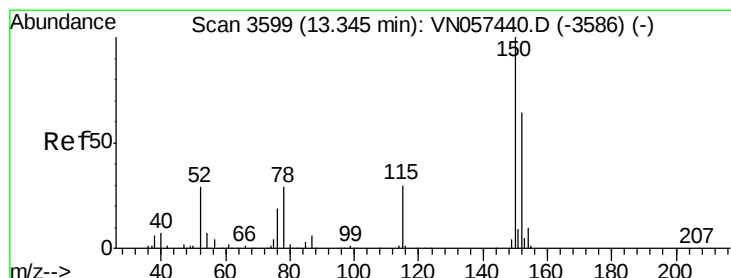
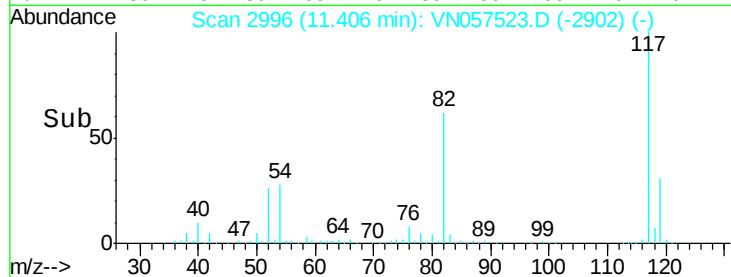
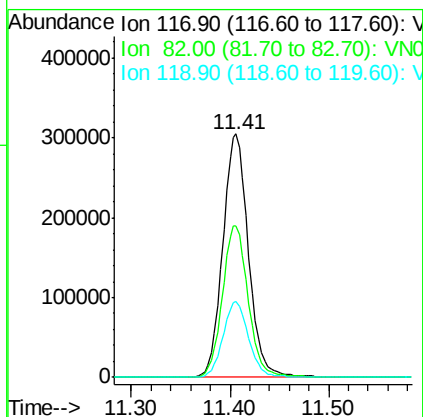
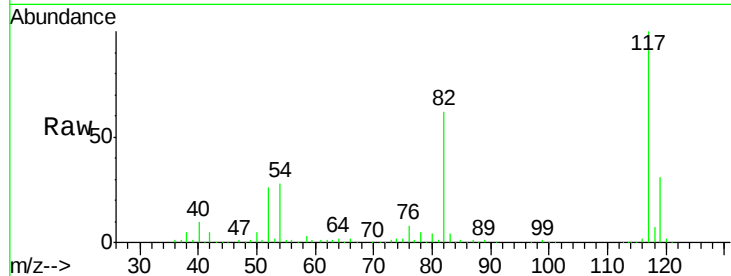




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057523.D
Acq: 26 Aug 2019 20:47

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-H-(1.9)

Tot Ion:117 Resp: 554869
Ion Ratio Lower Upper
117 100
82 62.5 50.6 75.8
119 31.1 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: VN057523.D
Acq: 26 Aug 2019 20:47

Tgt Ion:152 Resp: 129125
Ion Ratio Lower Upper
152 100
115 63.6 32.0 96.0
150 156.0 0.0 346.6

