

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057506.D
 Acq On : 26 Aug 2019 12:53
 Operator : JC/SP
 Sample : K4474-40
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-A-(2.5)

Quant Time: Aug 27 09:01:55 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

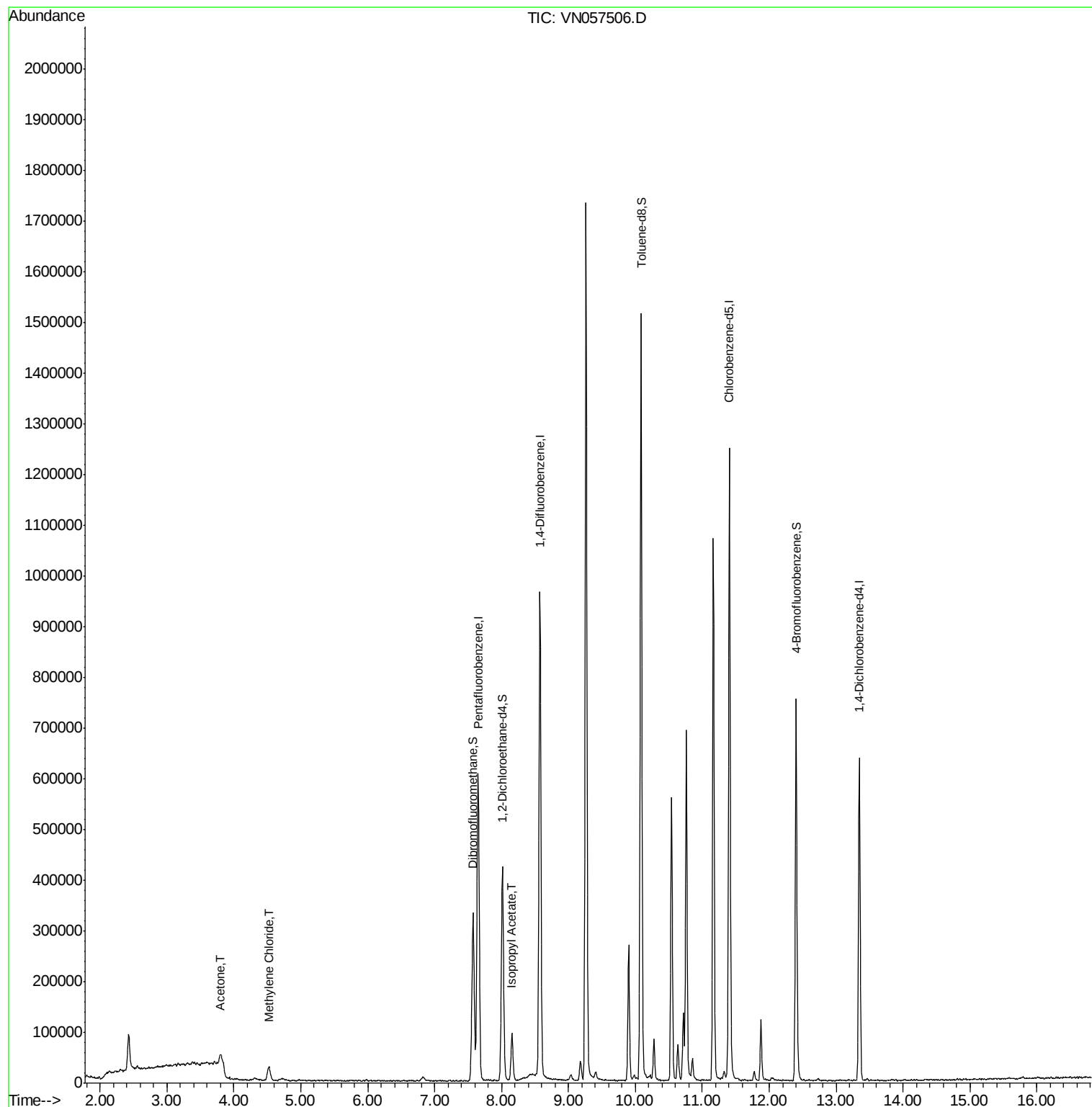
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	436261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	752062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	645929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	360121	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
35) Dibromofluoromethane	7.57	113	240207	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	991940	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	262872	40.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.76%	
Target Compounds						
16) Acetone	3.80	43	32323	9.171	ug/l	97
20) Methylene Chloride	4.52	84	17963	3.368	ug/l	85
43) Isopropyl Acetate	8.16	43	112136	8.054	ug/l	99

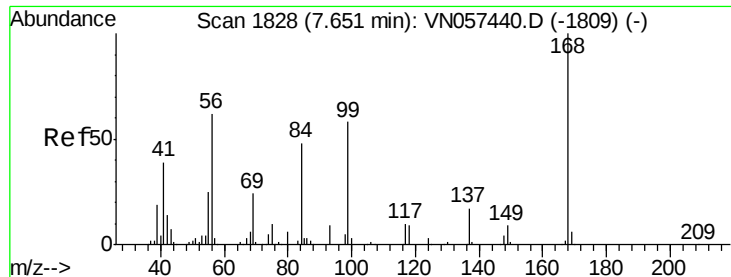
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

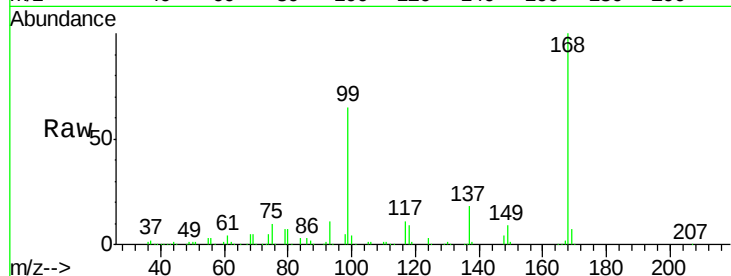
T1-2-A-(2.5)

Tot Ion:168 Resp: 436261

Ion Ratio Lower Upper

168 100

99 64.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

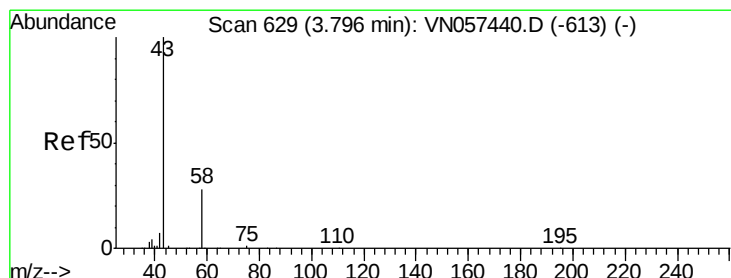
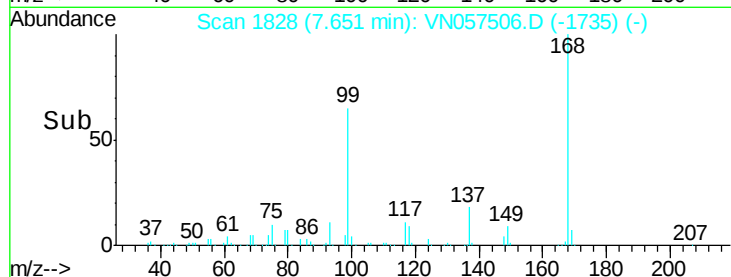
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.171 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057506.D

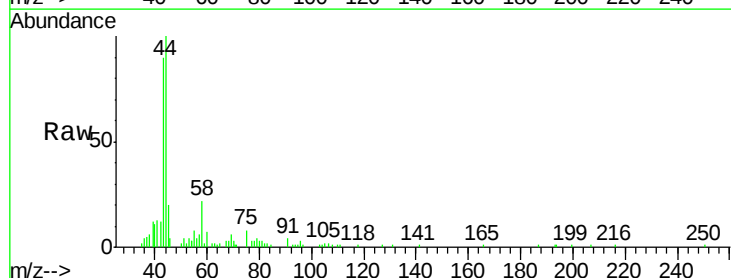
Acq: 26 Aug 2019 12:53

Tgt Ion: 43 Resp: 32323

Ion Ratio Lower Upper

43 100

58 26.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

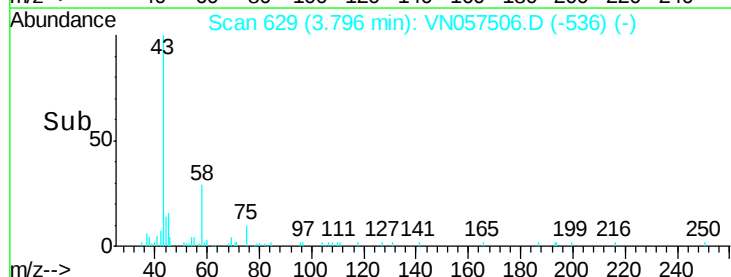
3.80

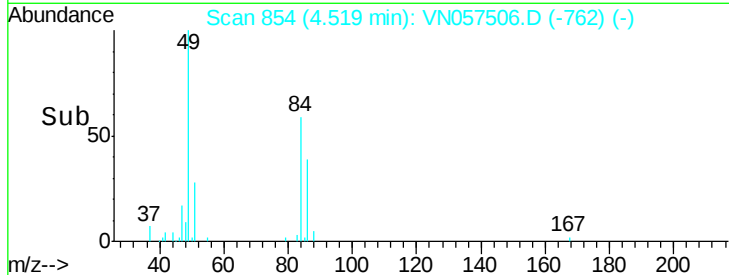
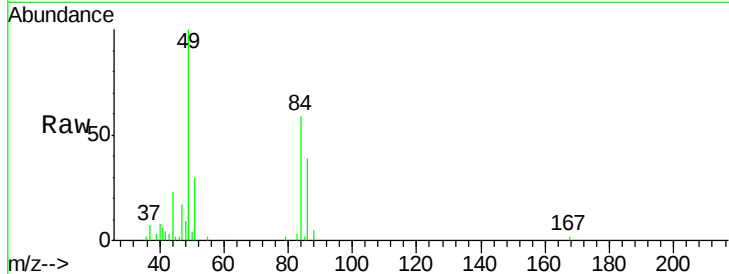
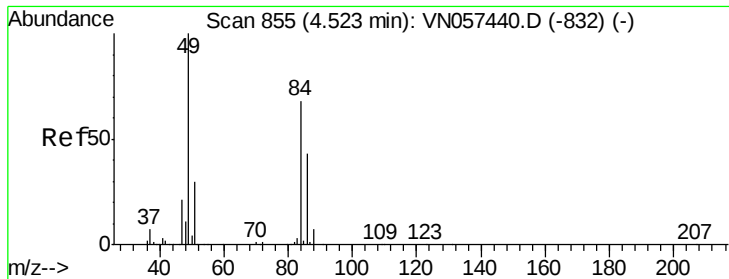
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 3.368 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(2.5)

Tot Ion: 84 Resp: 17963

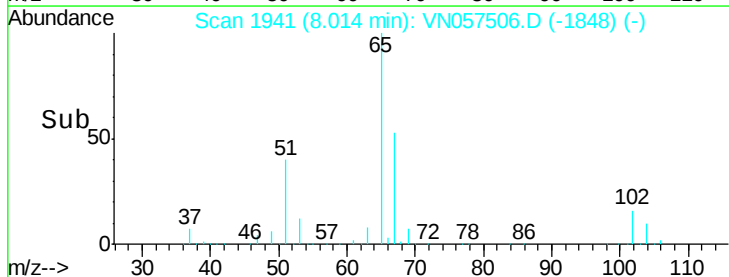
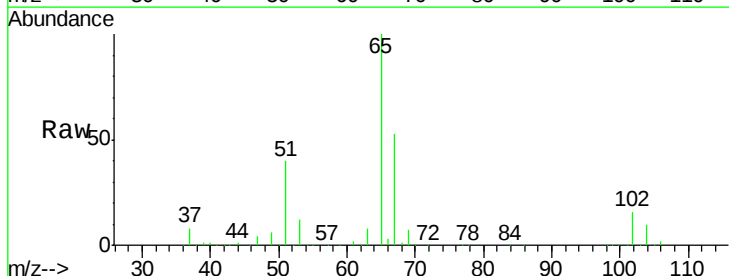
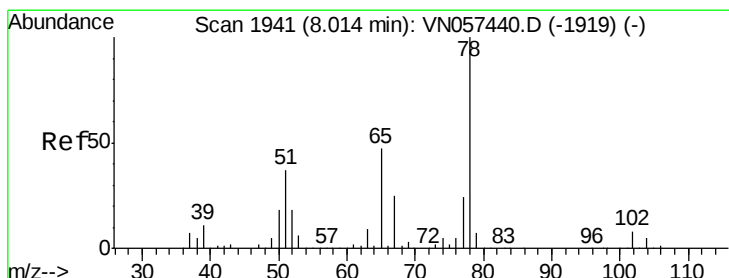
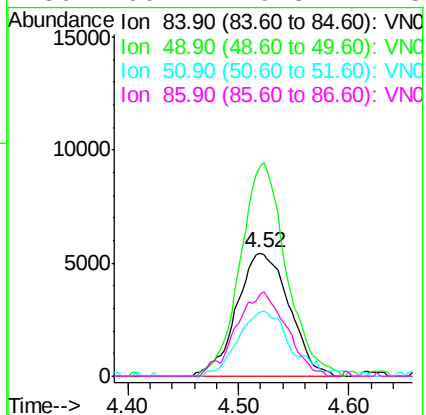
Ion Ratio Lower Upper

84 100

49 170.4 117.0 175.4

51 51.5 35.5 53.3

86 66.7 49.8 74.8



#33

1,2-Dichloroethane-d4

Concen: 46.925 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057506.D

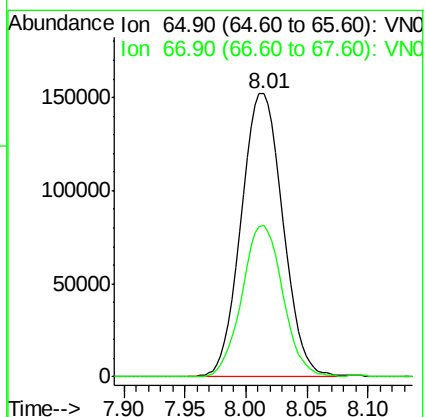
Acq: 26 Aug 2019 12:53

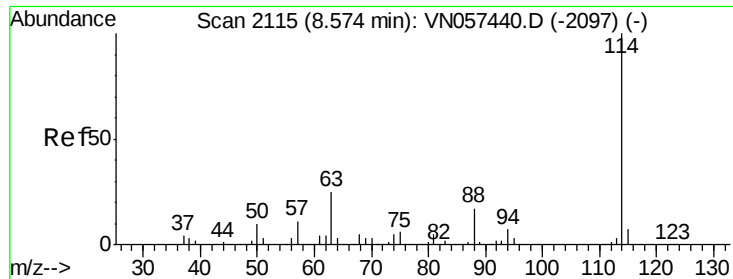
Tgt Ion: 65 Resp: 360121

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.8

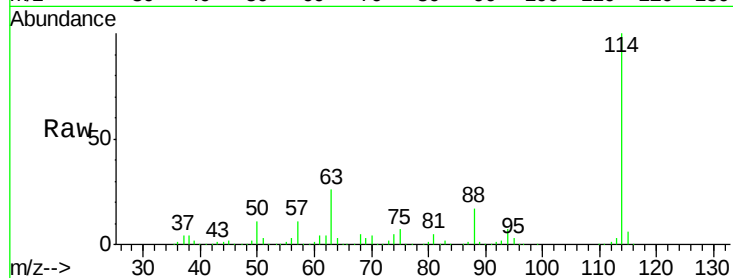




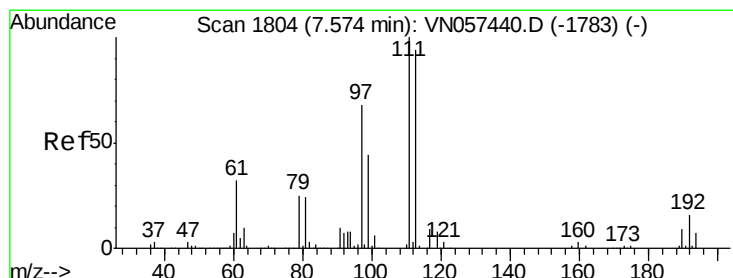
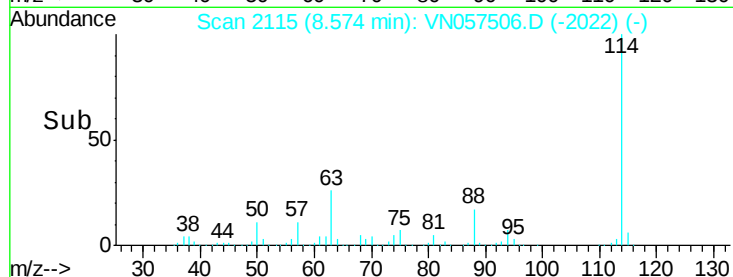
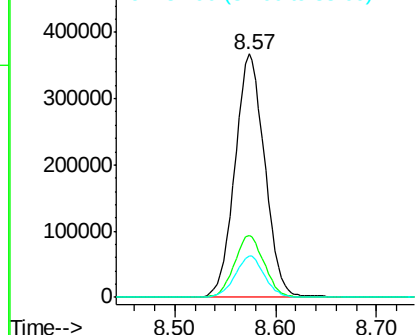
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

Instrument :
MSVOA_N
ClientSampleId :
T1-2-A-(2.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	50.2
88	16.9	0.0	34.6

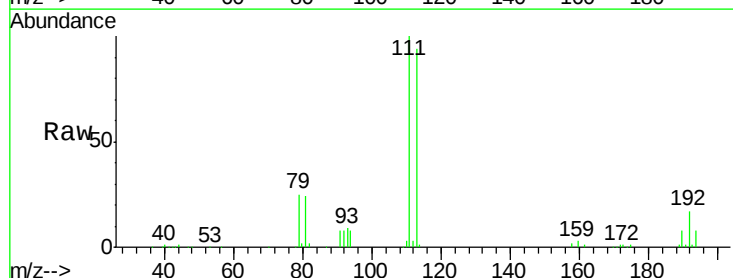


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

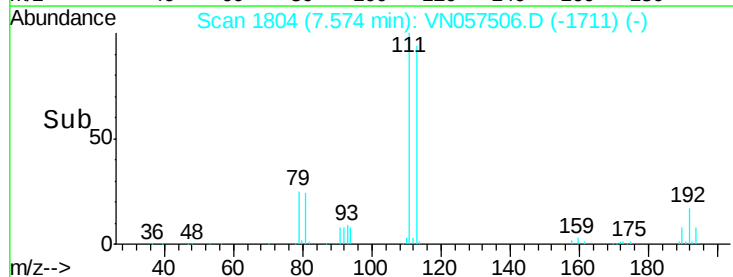
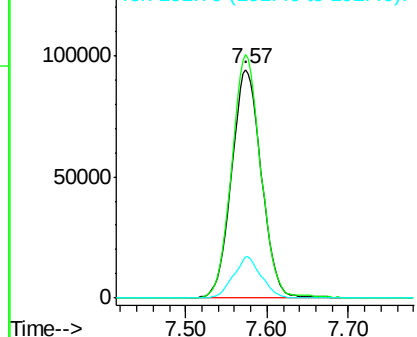


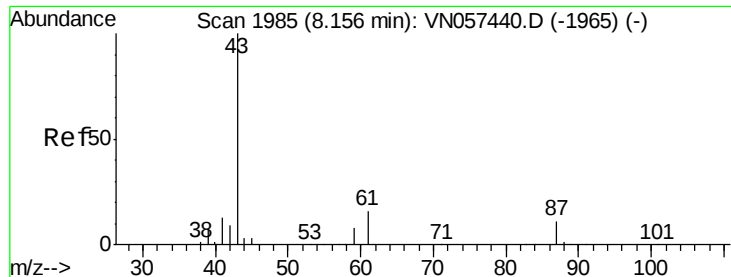
#35
Dibromofluoromethane
Concen: 47.286 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.8	125.6
192	16.9	13.5	20.3



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: 8.054 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(2.5)

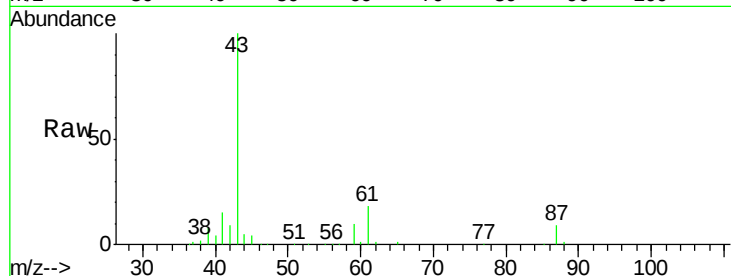
Tot Ion: 43 Resp: 112136

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

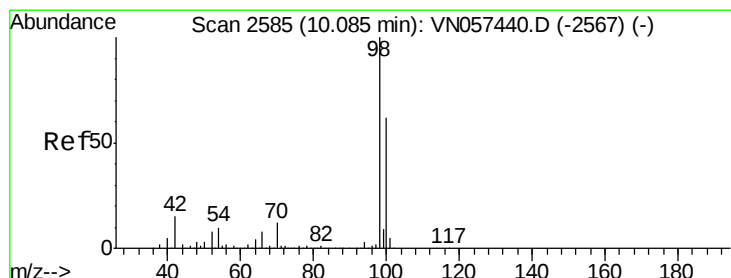
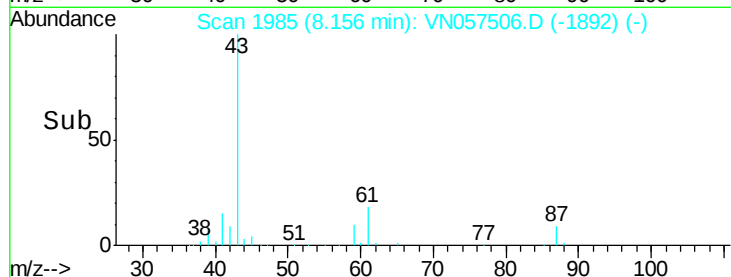
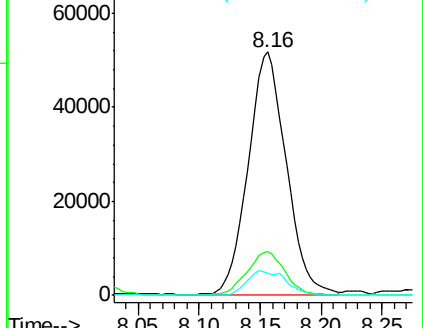
87 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#50

Toluene-d8

Concen: 51.642 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057506.D

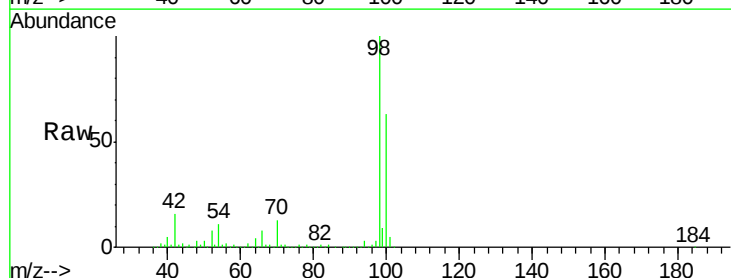
Acq: 26 Aug 2019 12:53

Tgt Ion: 98 Resp: 991940

Ion Ratio Lower Upper

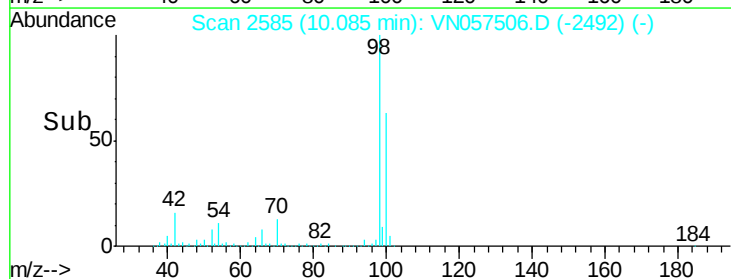
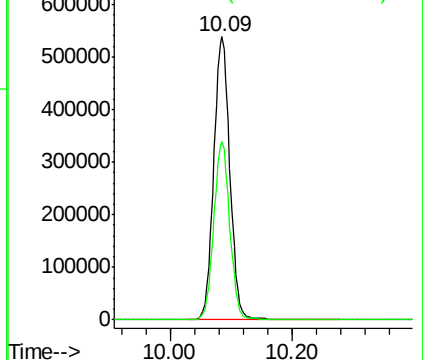
98 100

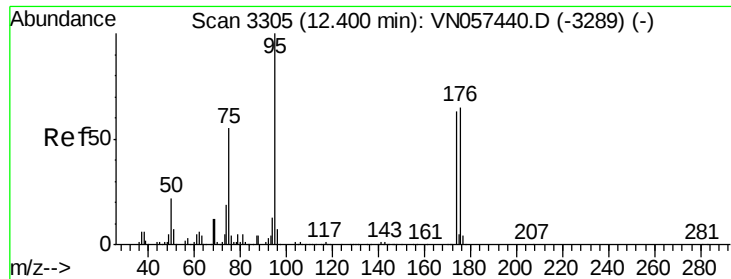
100 62.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)

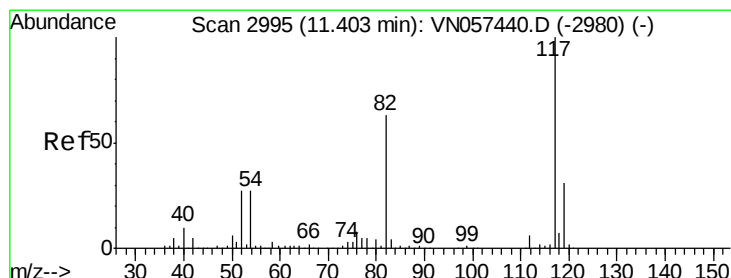
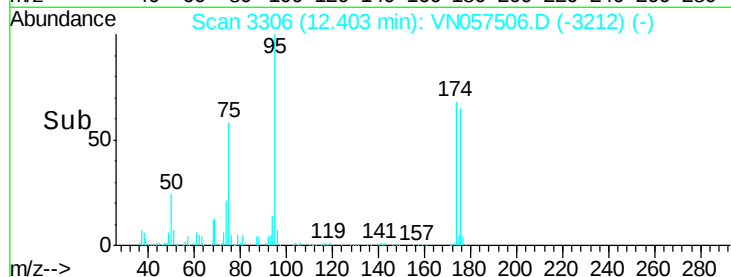
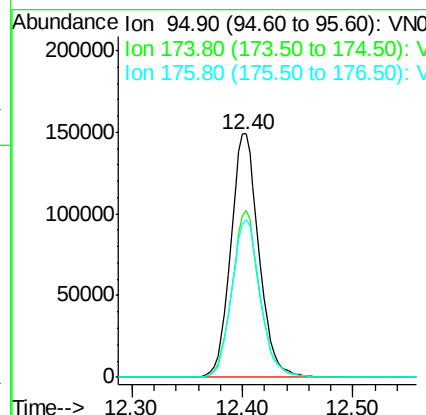
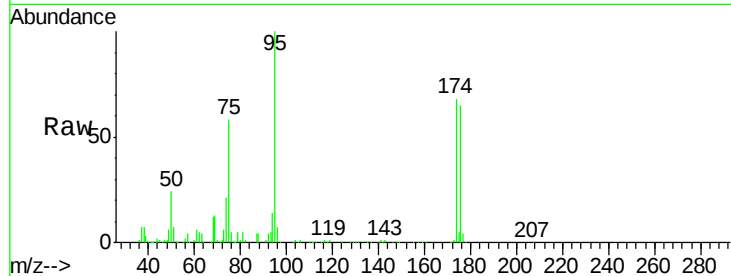




#62
4-Bromofluorobenzene
Concen: 40.384 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

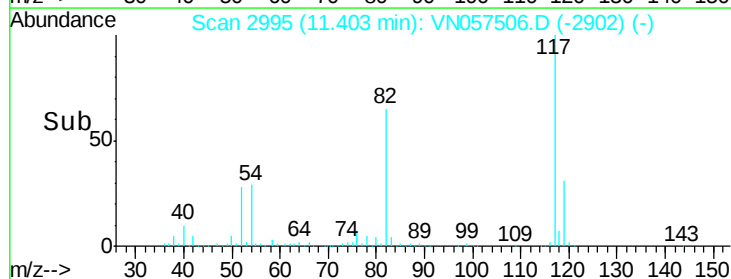
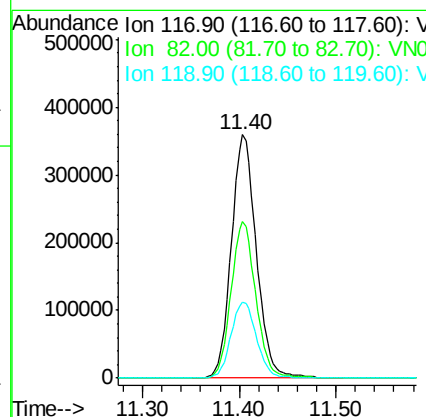
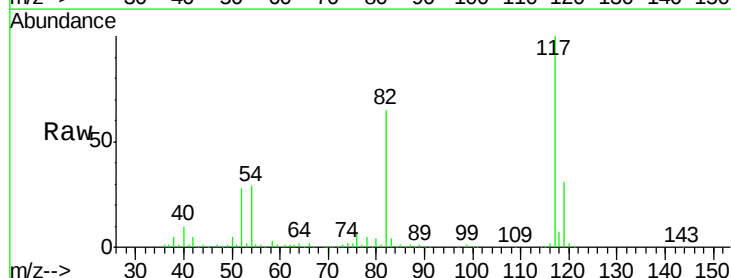
Instrument :
MSVOA_N
ClientSampleId :
T1-2-A-(2.5)

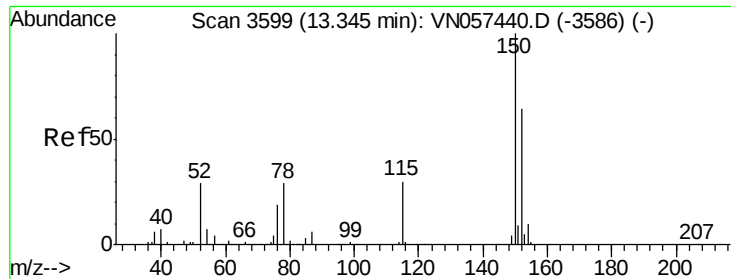
Tot Ion	95	Resp	262872
Ion Ratio	Lower	Upper	
95	100		
174	67.2	0.0	133.0
176	65.7	0.0	130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057506.D
Acq: 26 Aug 2019 12:53

Tgt Ion	117	Resp	645929
Ion Ratio	Lower	Upper	
117	100		
82	64.6	50.6	75.8
119	31.2	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057506.D

Acq: 26 Aug 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

T1-2-A-(2.5)

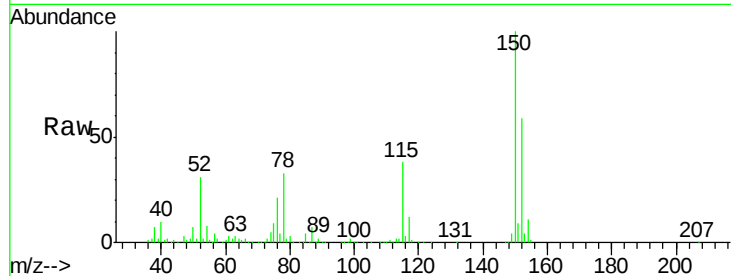
Tot Ion:152 Resp: 148019

Ion Ratio Lower Upper

152 100

115 63.9 32.0 96.0

150 163.6 0.0 346.6



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

