

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055244.D
 Acq On : 25 Apr 2019 14:18
 Operator : JC/SP
 Sample : K2203-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-B

Quant Time: Apr 26 03:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

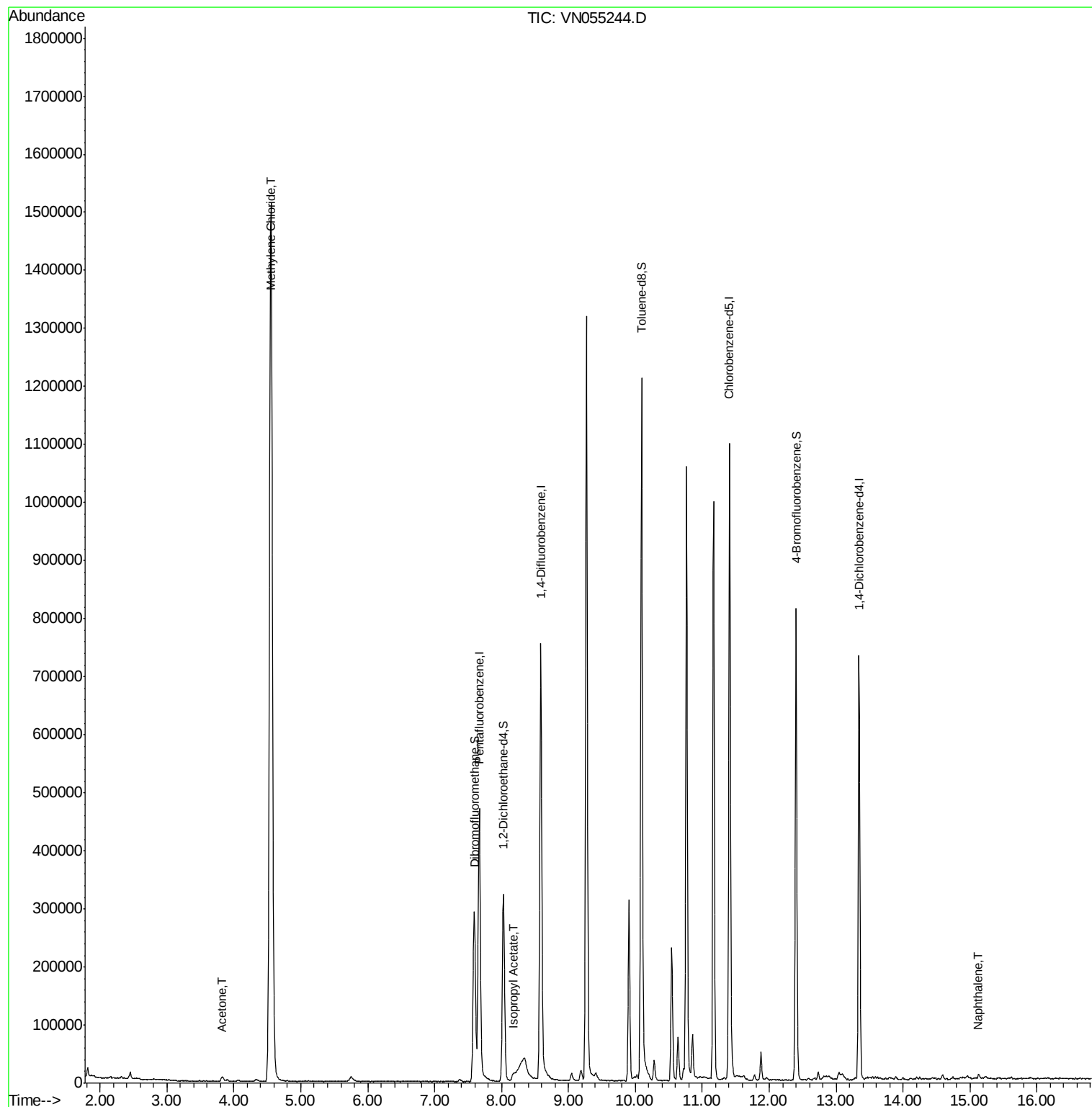
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	398676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	697082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	638756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	274368	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	7.59	113	224067	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	864729	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.40	95	277316	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
16) Acetone	3.82	43	12487	7.000	ug/l	96
20) Methylene Chloride	4.55	84	1071245	208.886	ug/l	99
43) Isopropyl Acetate	8.17	43	20199	2.389	ug/l #	85
95) Naphthalene	15.13	128	6700	4.381	ug/l #	95

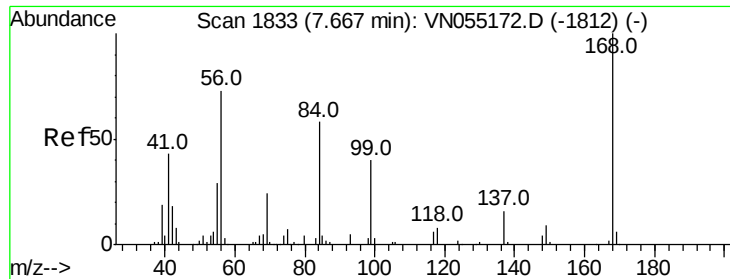
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

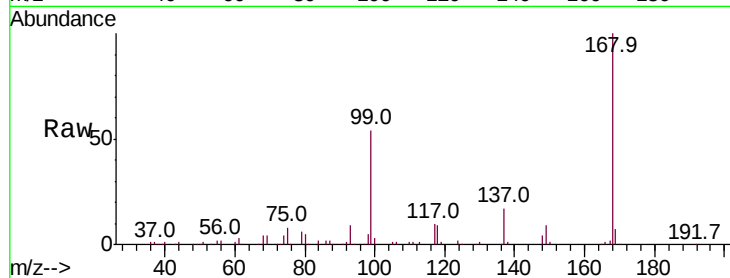
SU-03-042419-B

Tot Ion:168 Resp: 398676

Ion Ratio Lower Upper

168 100

99 54.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

150000

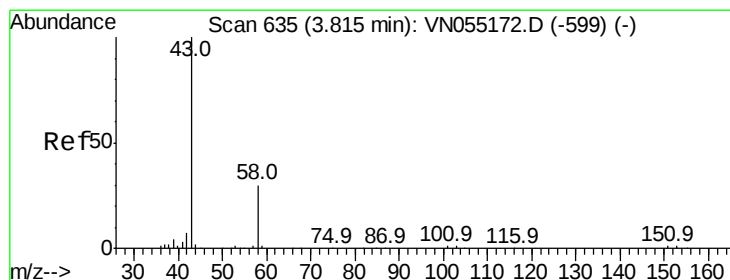
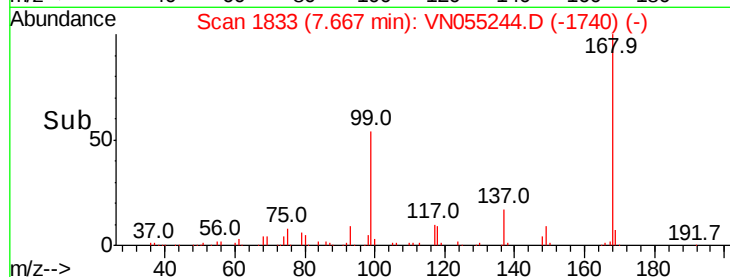
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 7.000 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055244.D

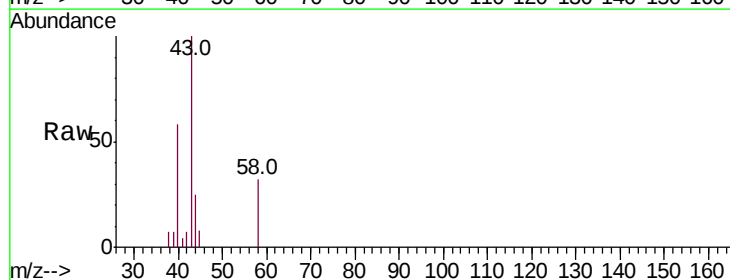
Acq: 25 Apr 2019 14:18

Tgt Ion: 43 Resp: 12487

Ion Ratio Lower Upper

43 100

58 31.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

3.82

5000

4000

3000

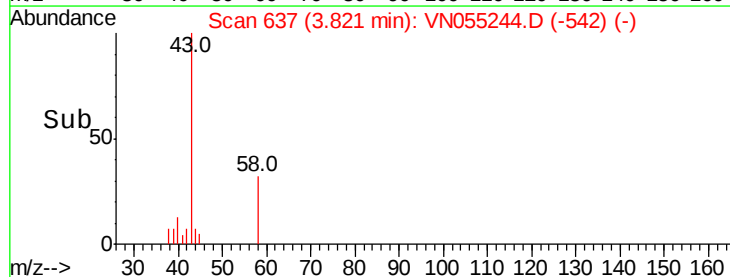
2000

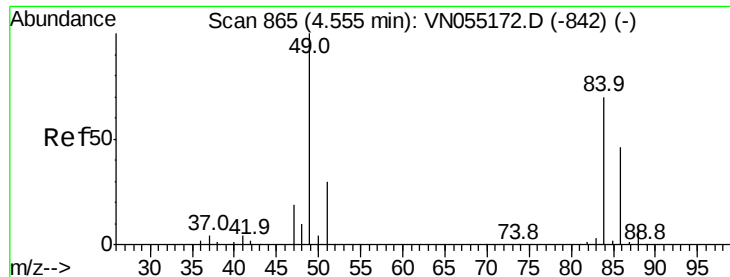
1000

0

3.75 3.80 3.85 3.90

Time-->



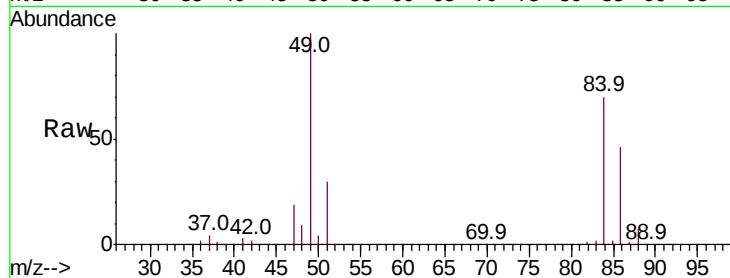


#20
Methylene Chloride
Concen: 208.886 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-B

Tot Ion: 84 Resp: 1071245

Ion	Ratio	Lower	Upper
84	100		
49	142.8	113.8	170.6
51	43.2	34.0	51.0
86	65.2	52.3	78.5



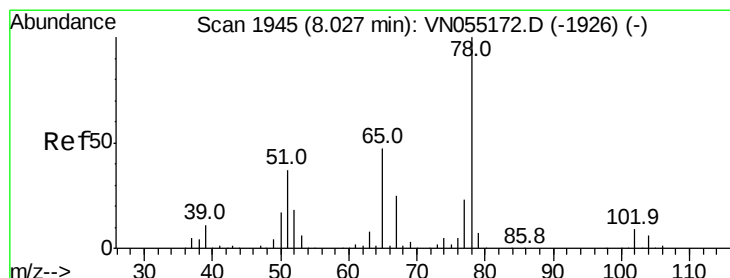
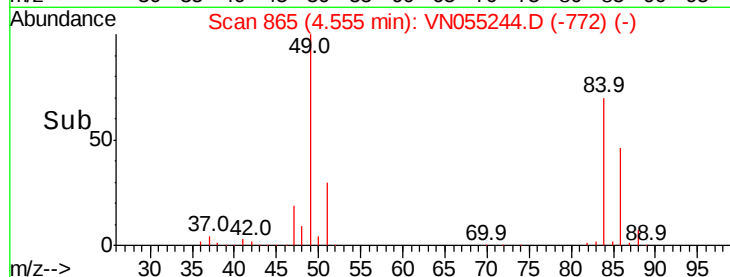
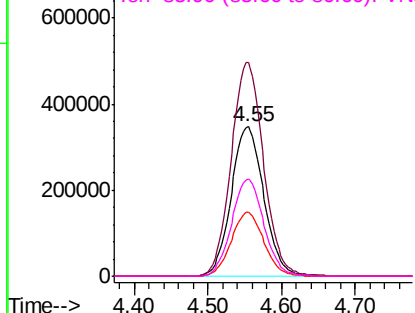
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

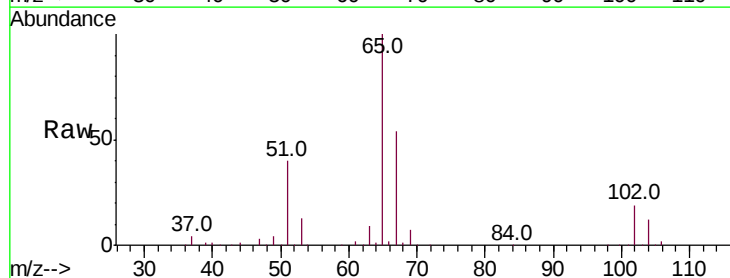
Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 50.845 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion: 65 Resp: 274368

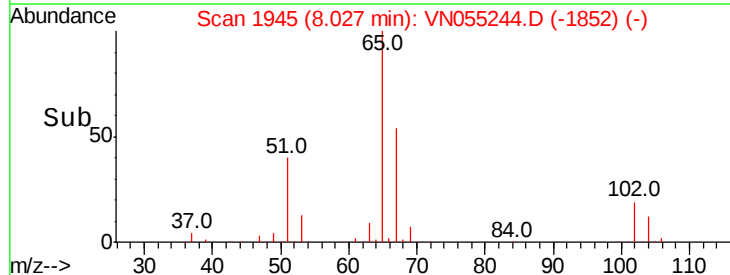
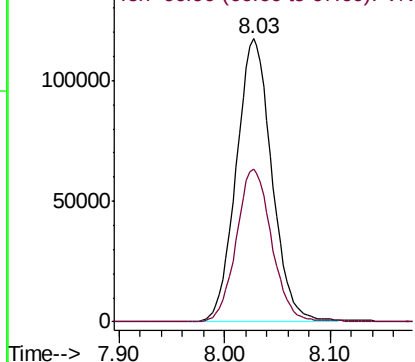
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.6

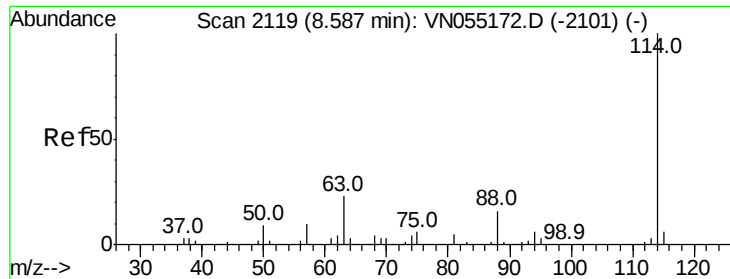


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

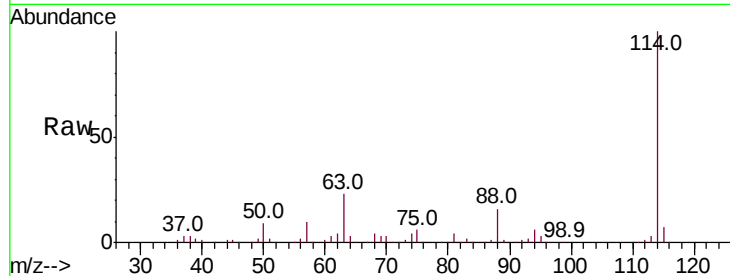




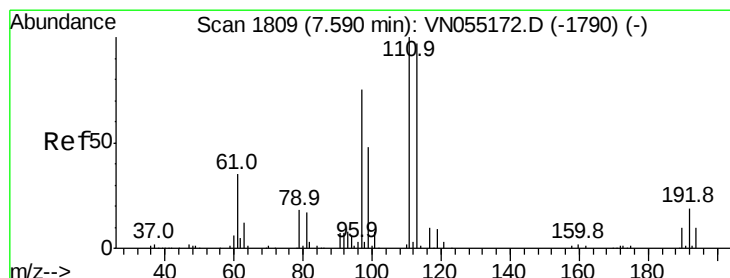
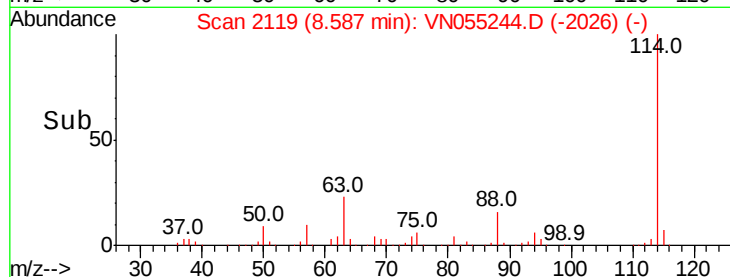
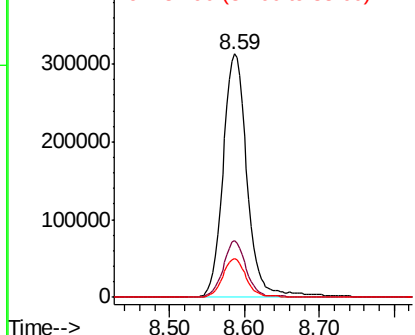
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055244.D
 Acq: 25 Apr 2019 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-B

Tot Ion:114 Resp: 697082
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.2
 88 16.1 0.0 32.8

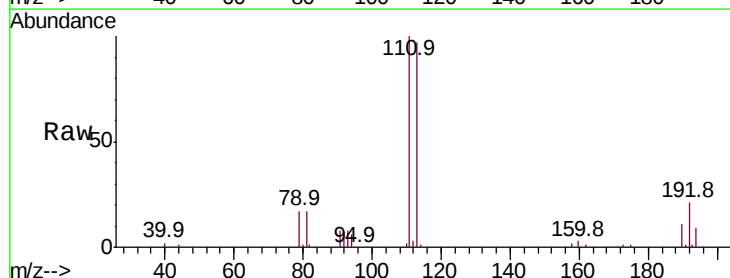


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

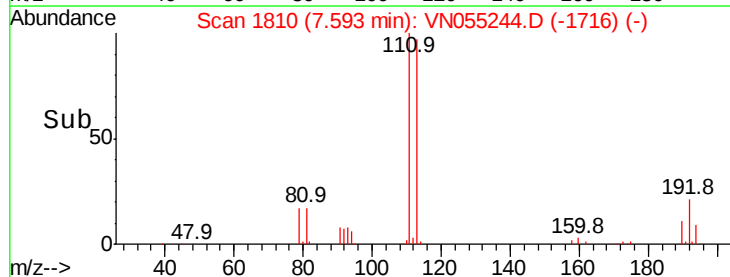
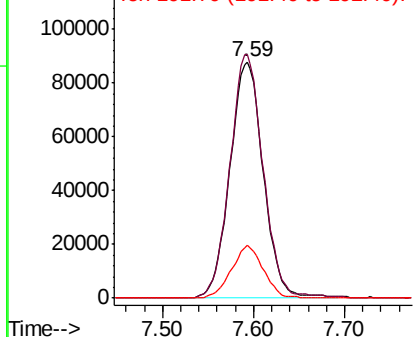


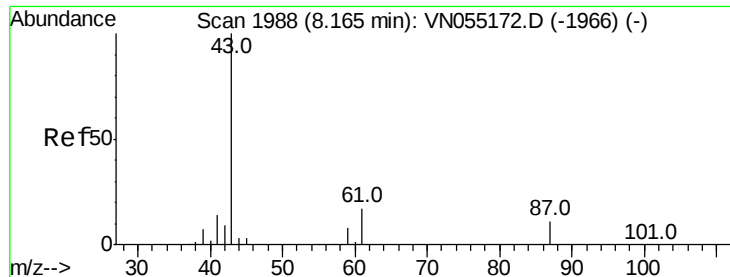
#35
 Dibromofluoromethane
 Concen: 47.315 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055244.D
 Acq: 25 Apr 2019 14:18

Tgt Ion:113 Resp: 224067
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.0 121.4
 192 21.0 16.2 24.4



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: 2.389 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

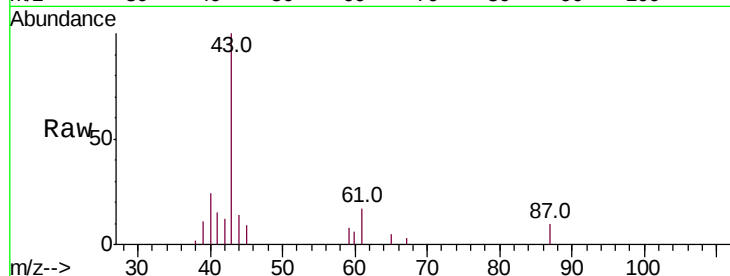
Tot Ion: 43 Resp: 20199

Ion Ratio Lower Upper

43 100

61 17.2 20.6 30.8#

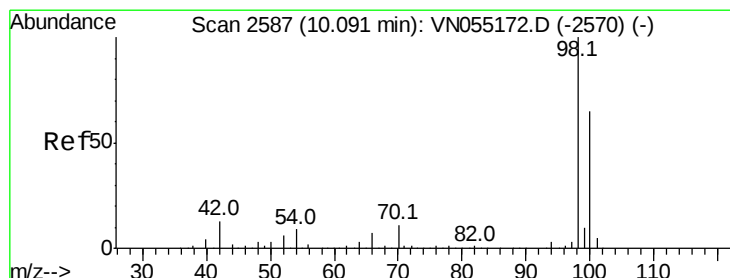
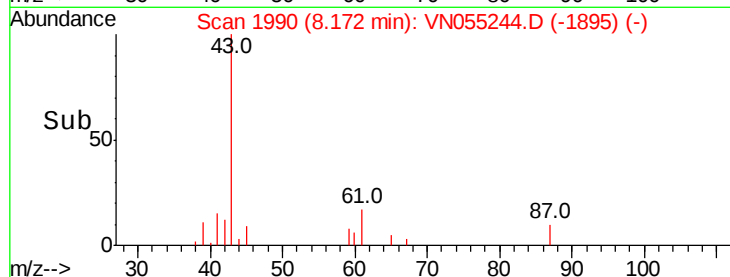
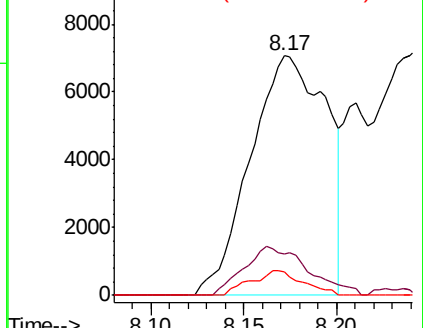
87 7.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#50

Toluene-d8

Concen: 49.283 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055244.D

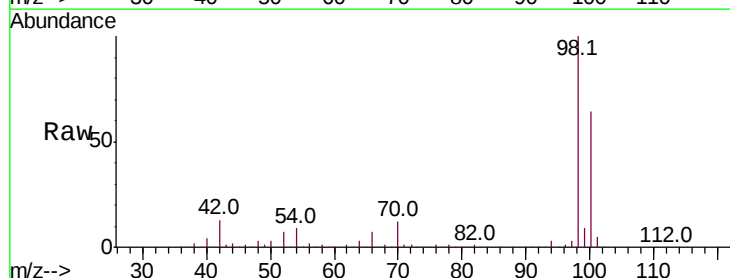
Acq: 25 Apr 2019 14:18

Tgt Ion: 98 Resp: 864729

Ion Ratio Lower Upper

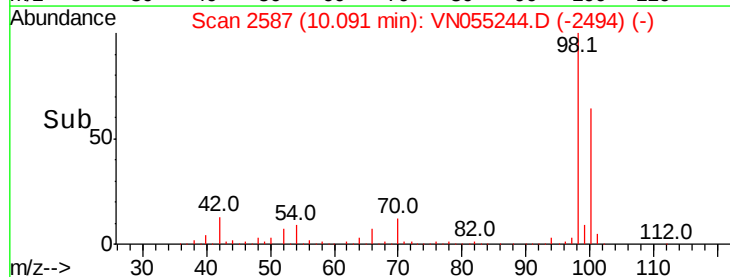
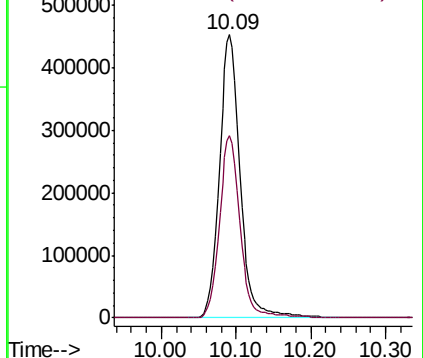
98 100

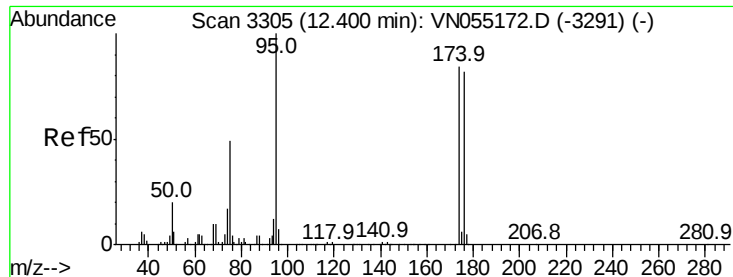
100 64.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)

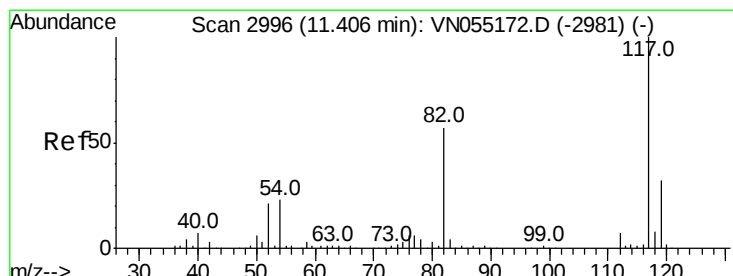
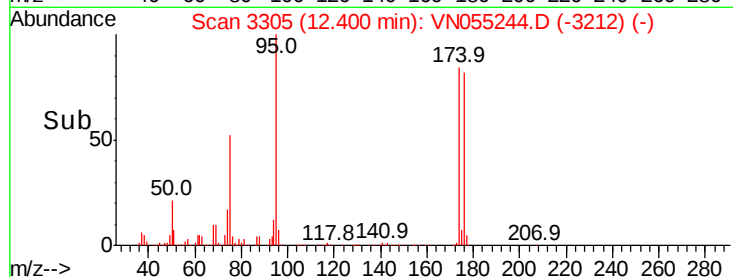
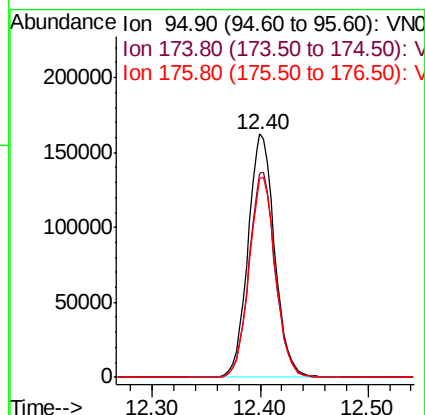
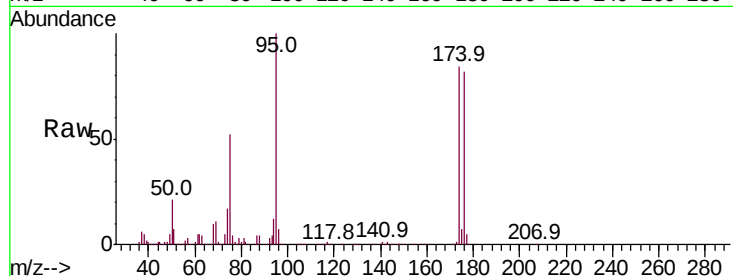




#62
4-Bromofluorobenzene
Concen: 49.909 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

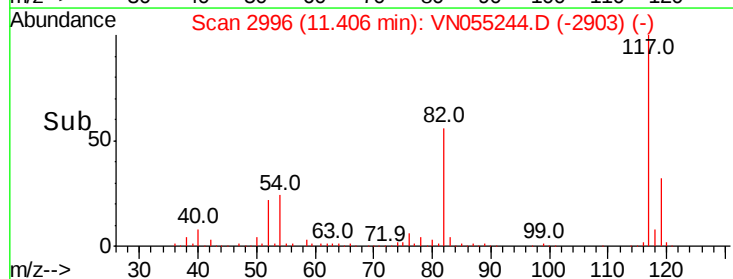
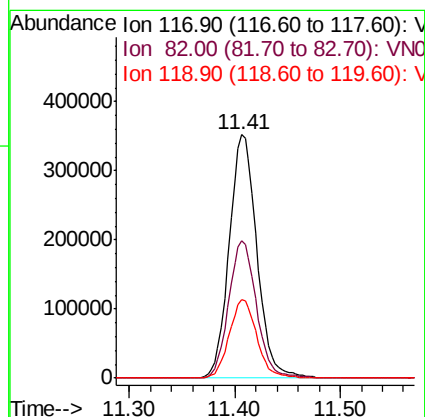
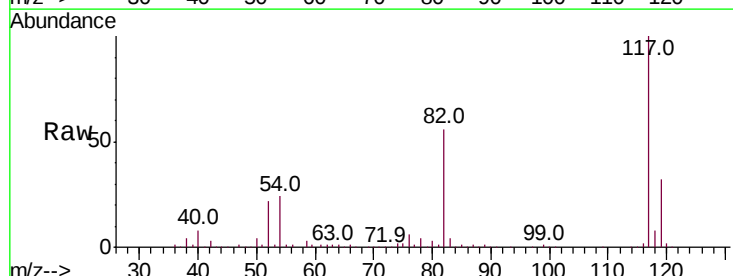
Instrument :
MSVOA_N
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SU-03-042419-B

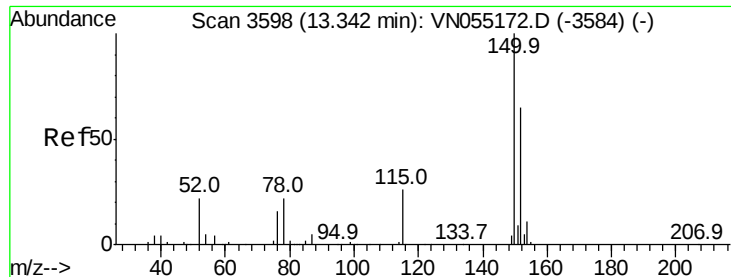
Tot Ion: 95 Resp: 277316
Ion Ratio Lower Upper
95 100
174 82.9 0.0 168.4
176 81.4 0.0 164.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion: 117 Resp: 638756
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

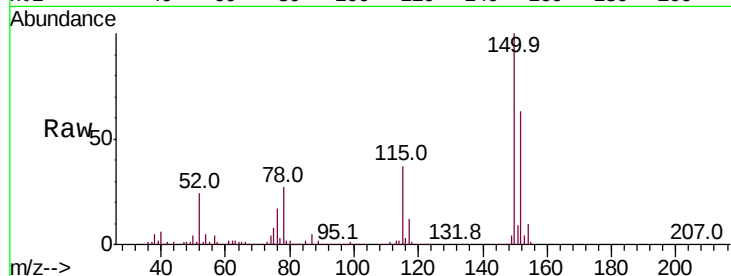
Tot Ion:152 Resp: 196215

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

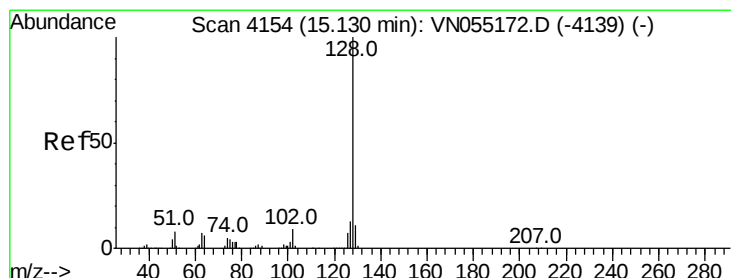
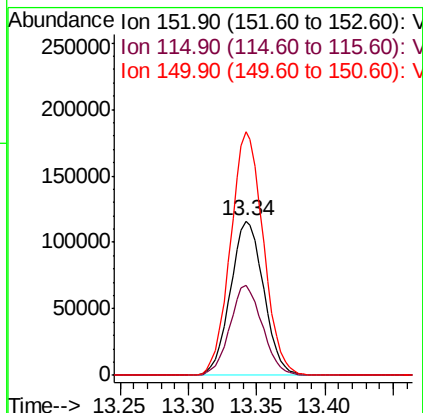
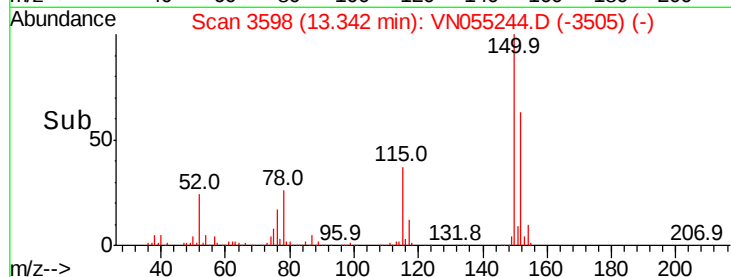
150 155.9 0.0 346.6



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



#95

Naphthalene

Concen: 4.381 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

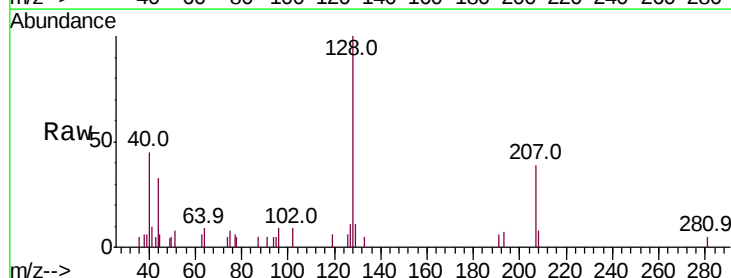
Tgt Ion:128 Resp: 6700

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 8.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

