

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057077.D
 Acq On : 5 Aug 2019 12:41
 Operator : JC/SP
 Sample : K4095-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080219-A

Quant Time: Aug 06 02:07:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

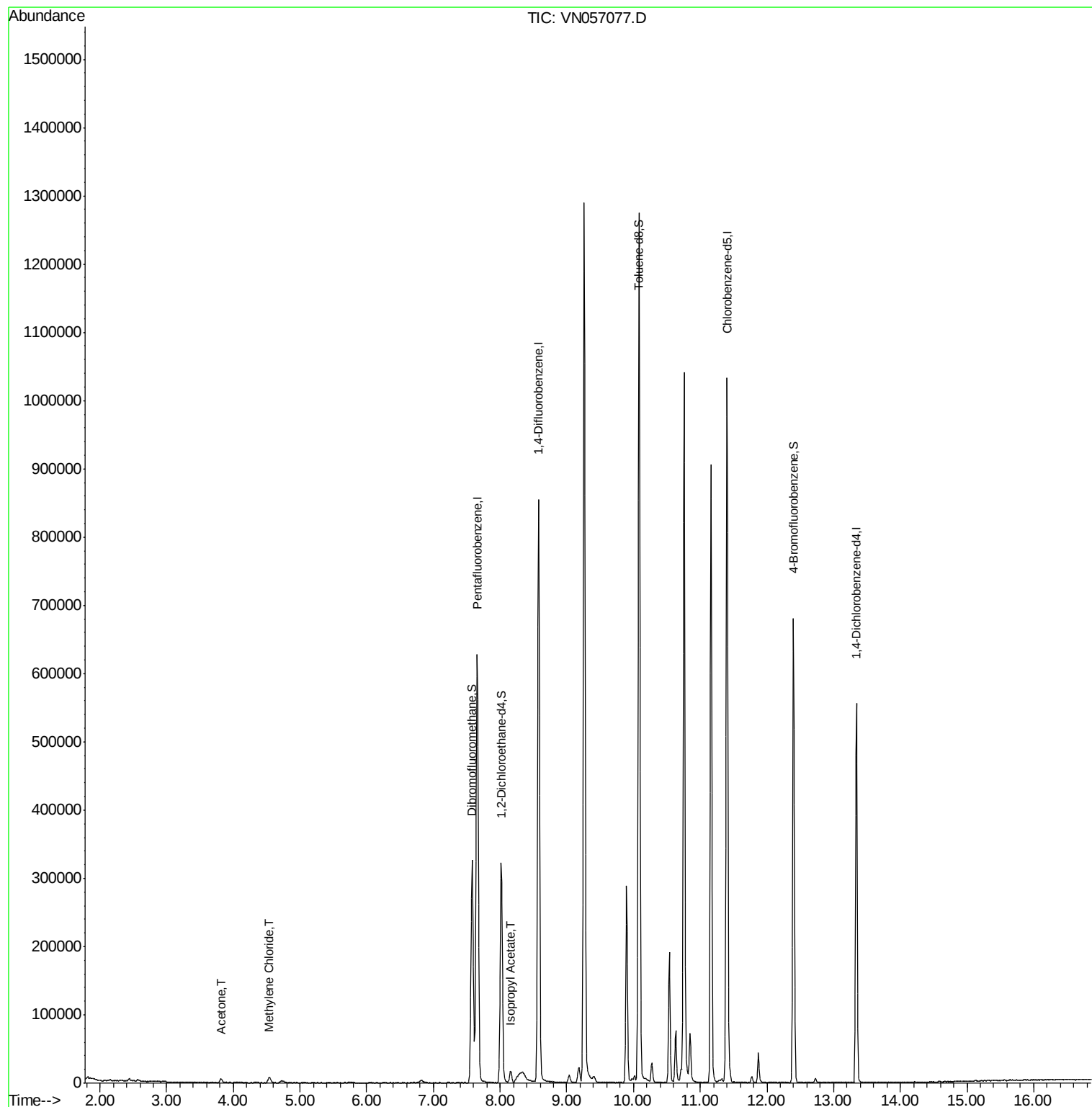
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	568093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	811228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	672320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	279493	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	7.58	113	251684	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.08	98	958409	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	244600	37.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.88%	
Target Compounds						
16) Acetone	3.81	43	9745	4.626	ug/l	96
20) Methylene Chloride	4.53	84	6912	1.139	ug/l	94
43) Isopropyl Acetate	8.16	43	19373	2.050	ug/l #	92

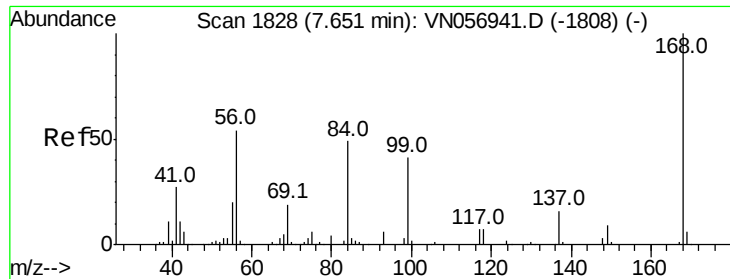
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057077.D

Acq: 5 Aug 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

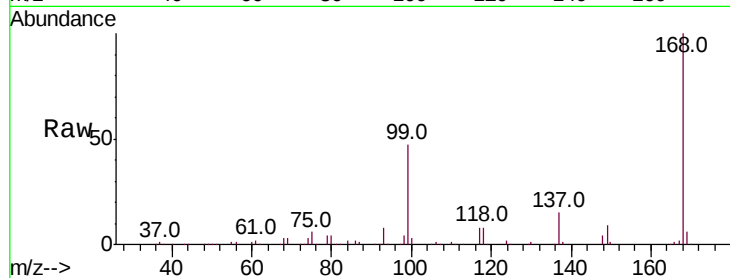
SU-02-080219-A

Tot Ion:168 Resp: 568093

Ion Ratio Lower Upper

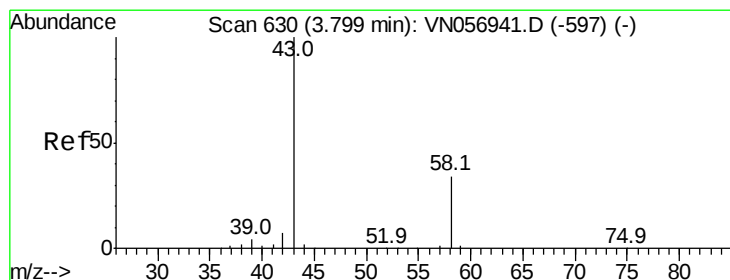
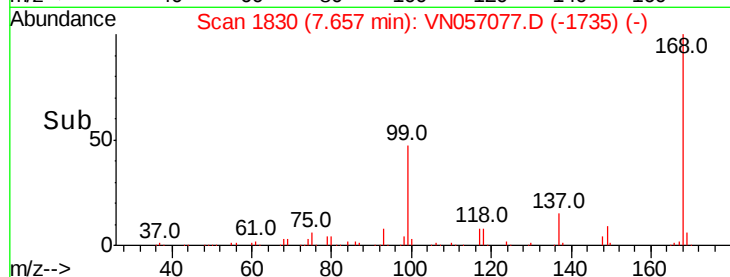
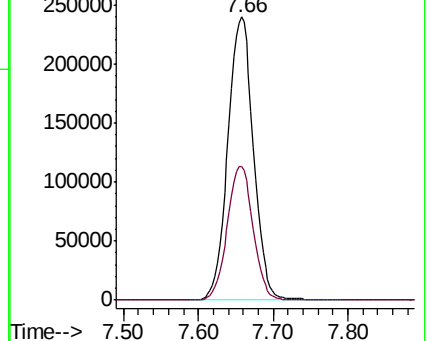
168 100

99 47.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 4.626 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057077.D

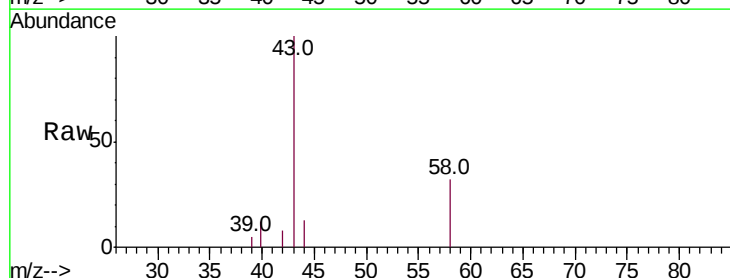
Acq: 5 Aug 2019 12:41

Tgt Ion: 43 Resp: 9745

Ion Ratio Lower Upper

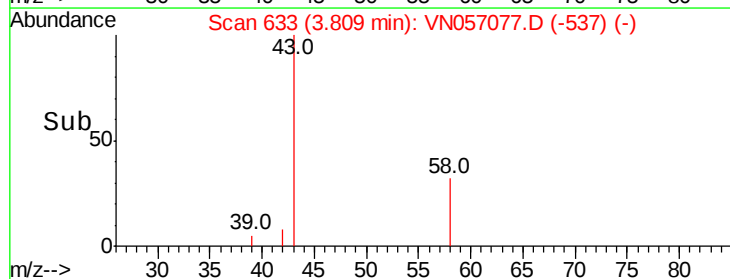
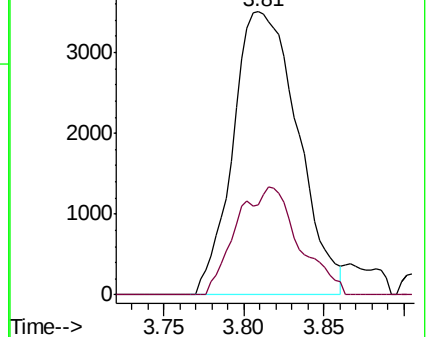
43 100

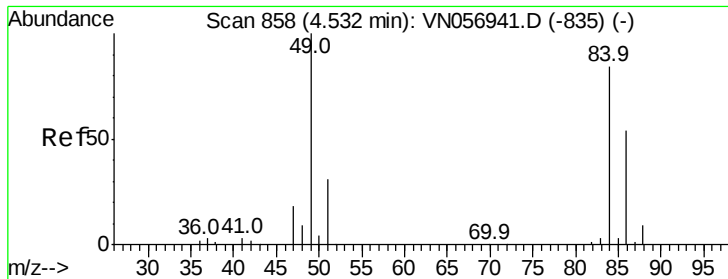
58 31.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

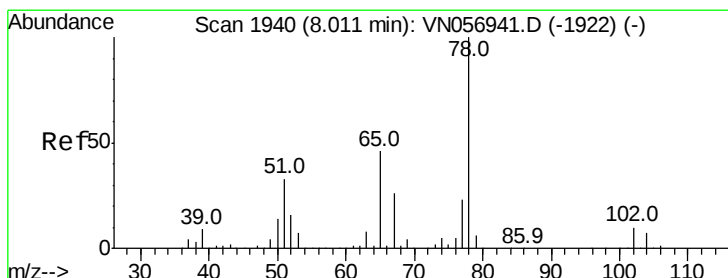
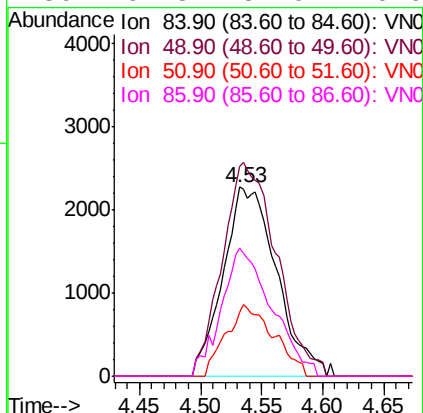
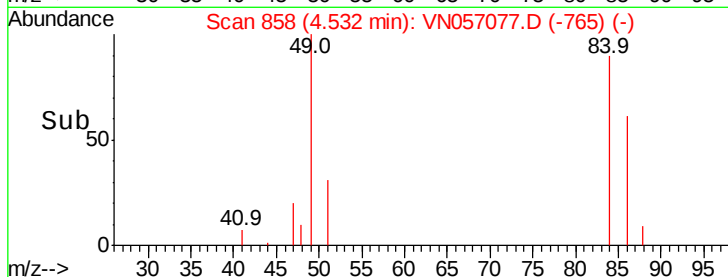
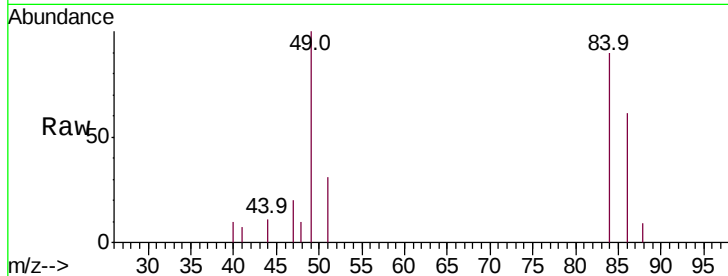




#20
Methvlene Chloride
Concen: 1.139 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057077.D
Acq: 5 Aug 2019 12:41

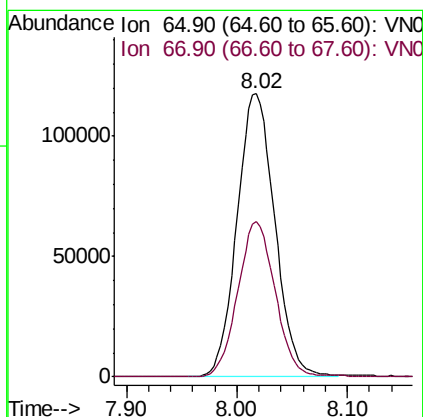
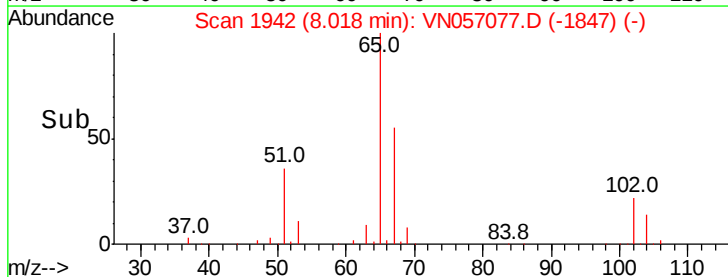
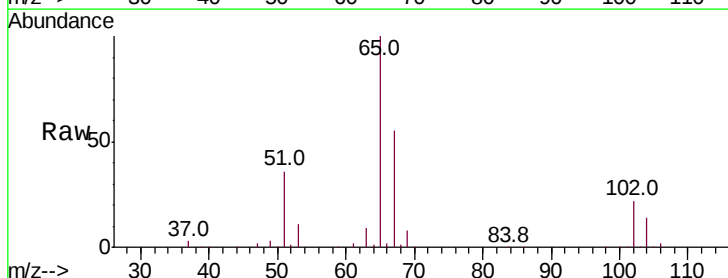
Instrument :
MSVOA_N
ClientSampleId :
SU-02-080219-A

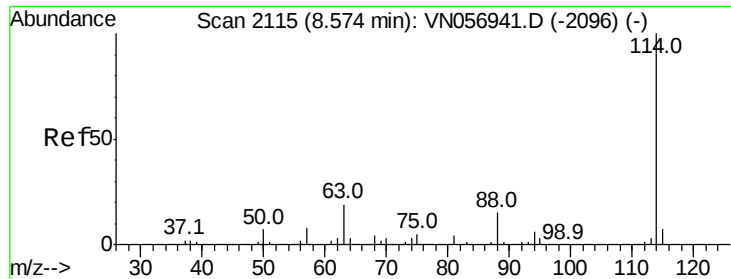
Tot Ion: 84 Resp: 6912
Ion Ratio Lower Upper
84 100
49 111.0 95.2 142.8
51 34.1 29.7 44.5
86 67.8 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 48.062 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057077.D
Acq: 5 Aug 2019 12:41

Tgt Ion: 65 Resp: 279493
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.0

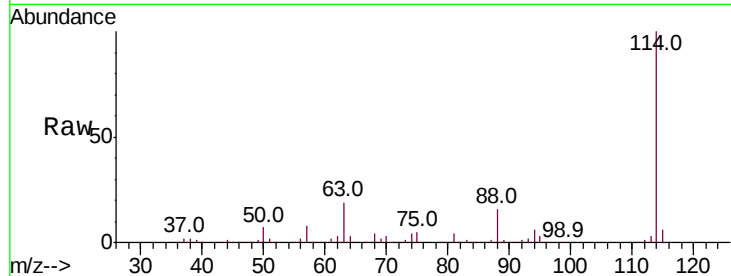




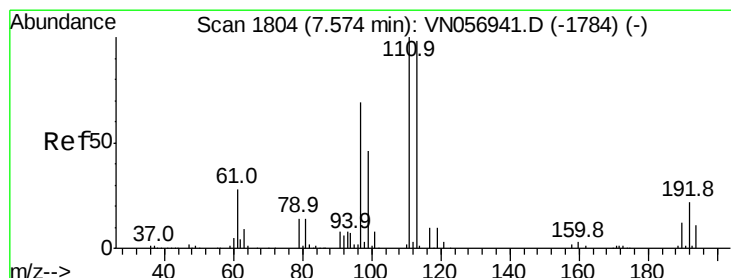
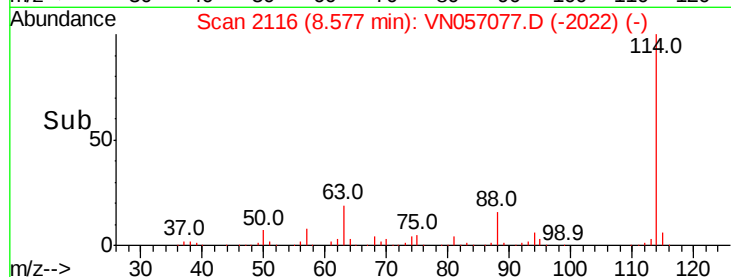
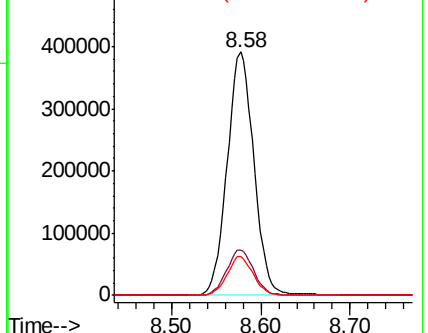
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057077.D
 Acq: 5 Aug 2019 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-080219-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.0
88	16.0	0.0	30.0

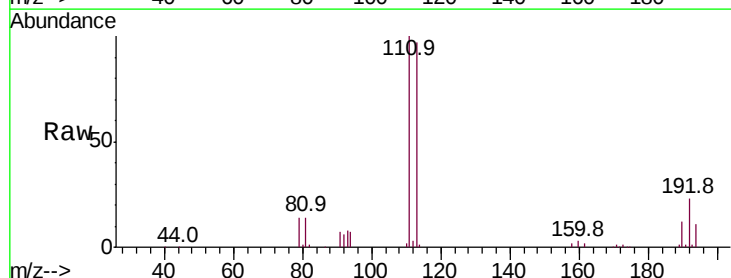


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

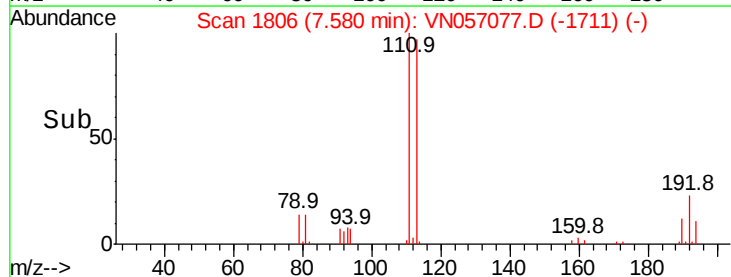
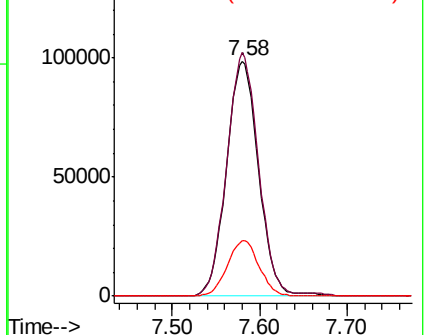


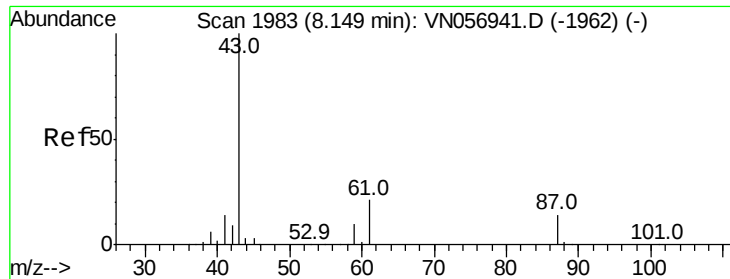
#35
 Dibromofluoromethane
 Concen: 48.464 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057077.D
 Acq: 5 Aug 2019 12:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.2	18.4	27.6



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: 2.050 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057077.D

Acq: 5 Aug 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080219-A

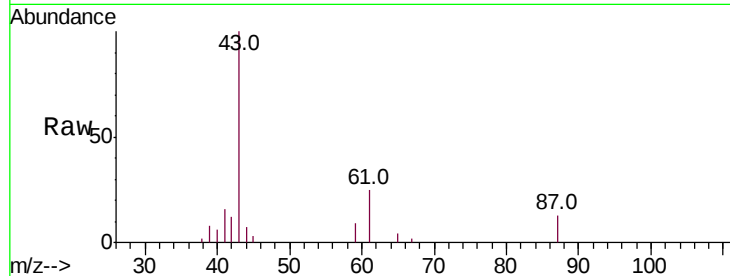
Tot Ion: 43 Resp: 19373

Ion Ratio Lower Upper

43 100

61 22.4 23.0 34.6#

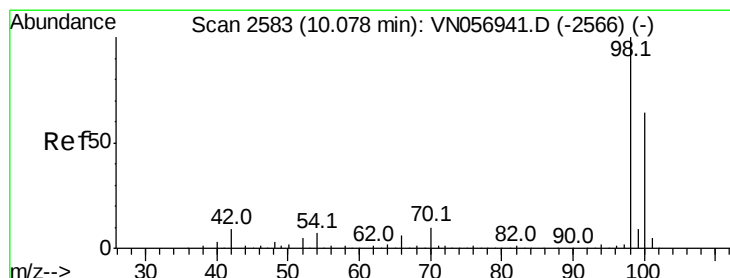
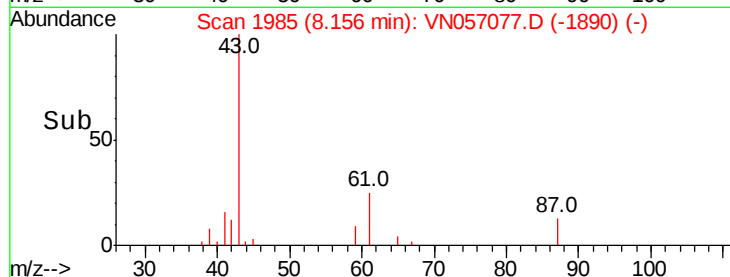
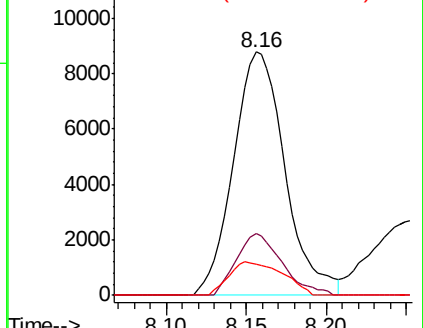
87 14.3 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#50

Toluene-d8

Concen: 48.394 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057077.D

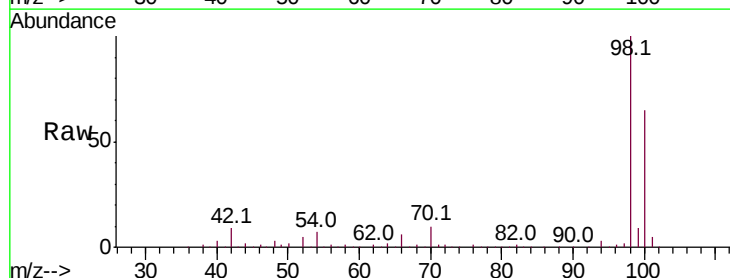
Acq: 5 Aug 2019 12:41

Tgt Ion: 98 Resp: 958409

Ion Ratio Lower Upper

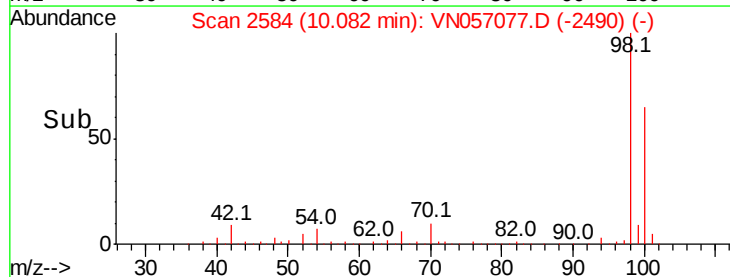
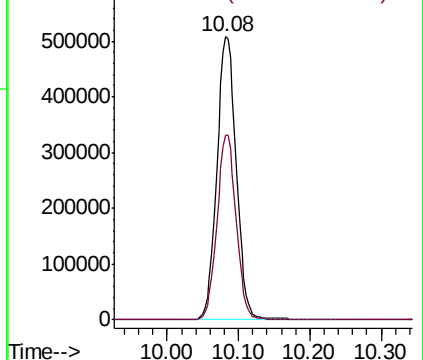
98 100

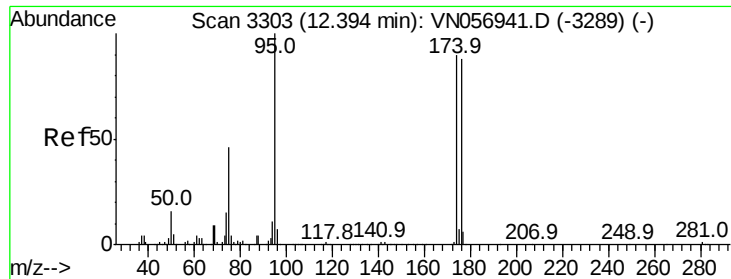
100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)





#62

4-Bromofluorobenzene

Concen: 37.939 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057077.D

Acq: 5 Aug 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080219-A

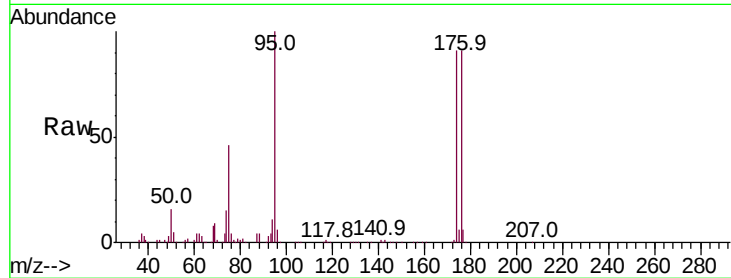
Tot Ion: 95 Resp: 244600

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

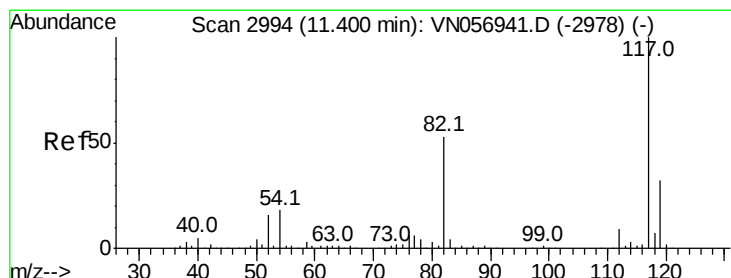
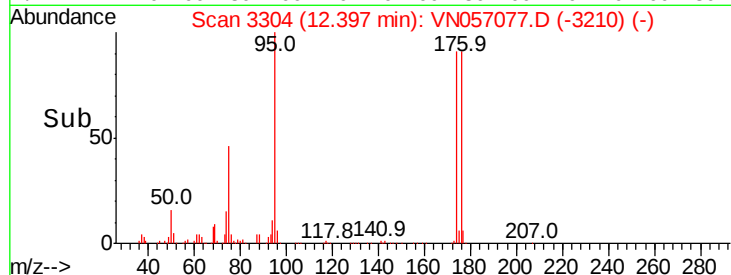
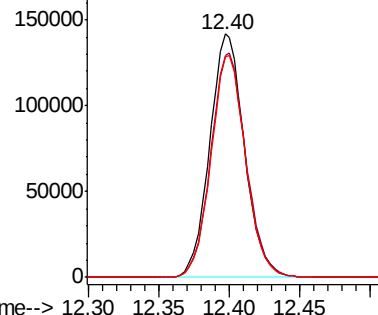
176 90.9 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057077.D

Acq: 5 Aug 2019 12:41

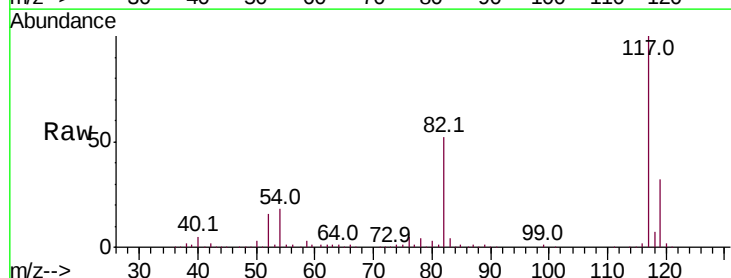
Tgt Ion: 117 Resp: 672320

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.4

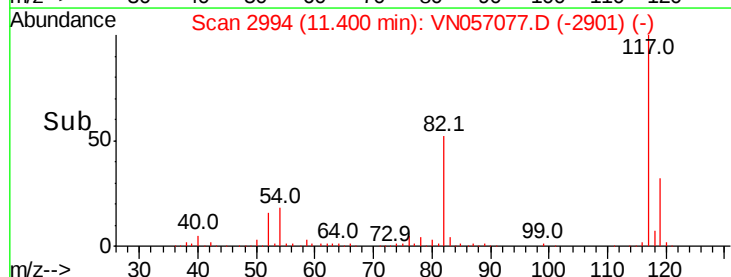
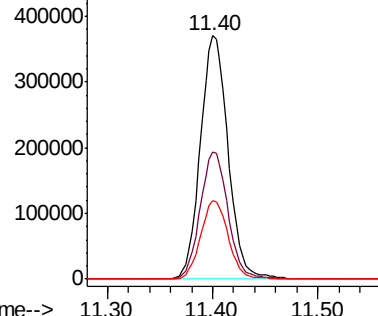
119 32.1 25.8 38.6

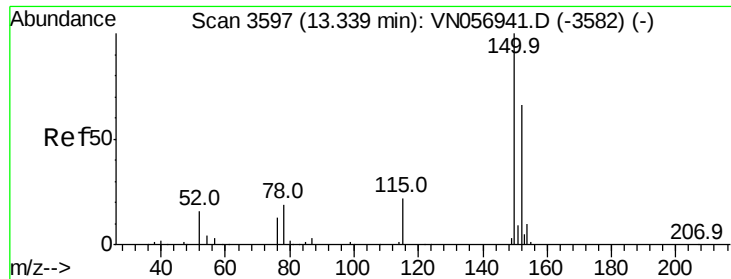


Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057077.D

Acq: 5 Aug 2019 12:41

Instrument :

MSVOA_N

ClientSampleId :

SU-02-080219-A

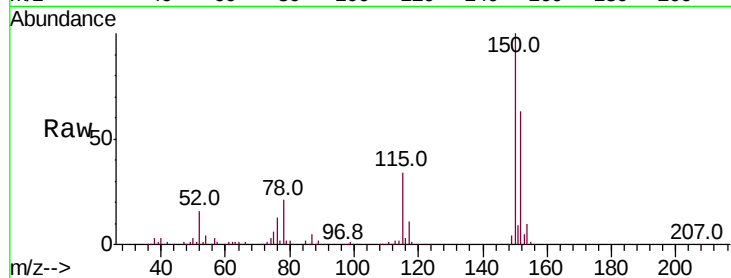
Tot Ion:152 Resp: 169013

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.6

150 157.5 0.0 349.4



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

