

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052720.D
 Acq On : 7 Dec 2018 12:19
 Operator : MD\SY
 Sample : J6284-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Dec 07 12:55:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	142148	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	805372	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	665412	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	295601	30.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.73%
60) 4-Bromofluorobenzene	12.40	95	254572	25.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	83.40%
63) Toluene-d8	10.09	98	926374	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

Target Compounds

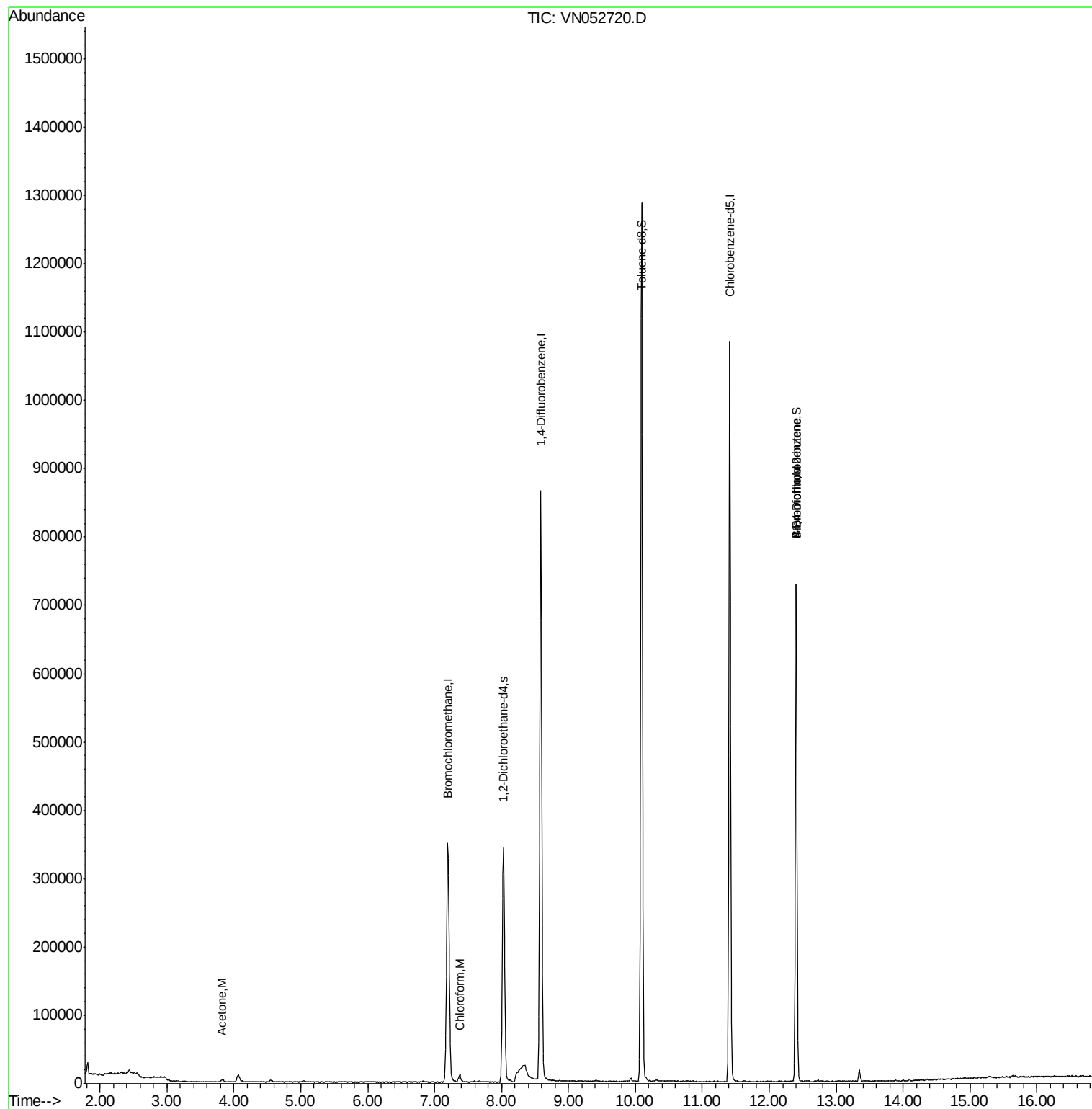
					Qvalue
15) Acetone	3.82	58	880	1.177 ug/l	73
25) Chloroform	7.37	83	10984	0.684 ug/l	100
56) Bromoform	12.40	173	1471	0.269 ug/l #	1
77) t-1,4-Dichloro-2-butene	12.40	75	123173	54.896 ug/l #	11

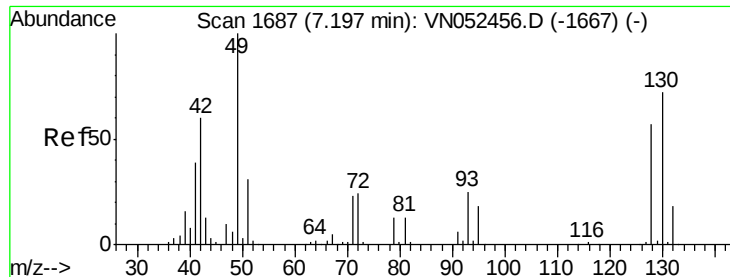
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052720.D

Acq: 7 Dec 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

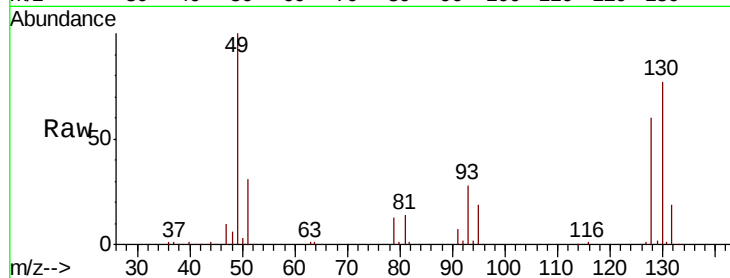
Tgt Ion:128 Resp: 142148

Ion Ratio Lower Upper

128 100

49 164.8 0.0 431.8

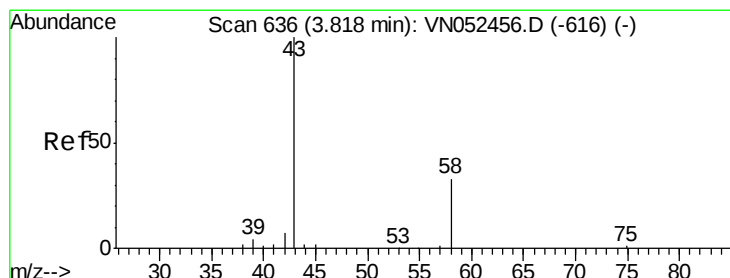
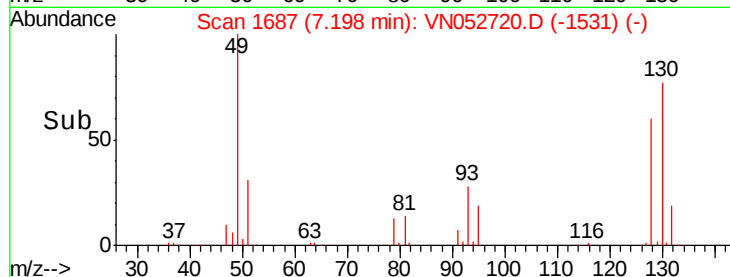
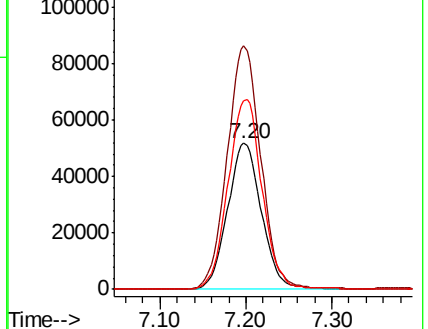
130 129.7 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): VN052720.D (-1531) (-)

Ion 49.00 (48.70 to 49.70): VN052720.D (-1531) (-)

Ion 130.00 (129.70 to 130.70): VN052720.D (-1531) (-)



#15

Acetone

Concen: 1.177 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN052720.D

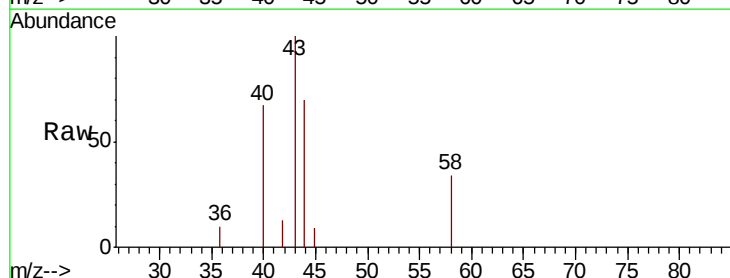
Acq: 7 Dec 2018 12:19

Tgt Ion: 58 Resp: 880

Ion Ratio Lower Upper

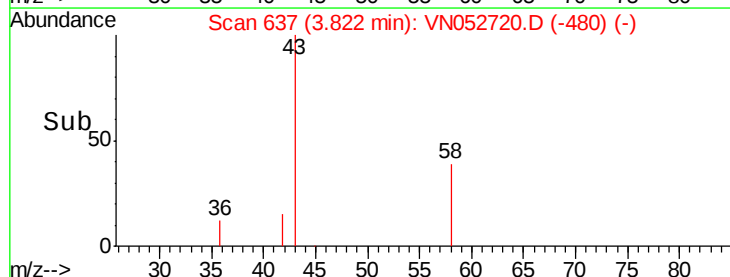
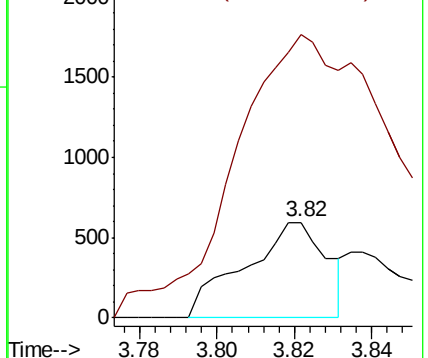
58 100

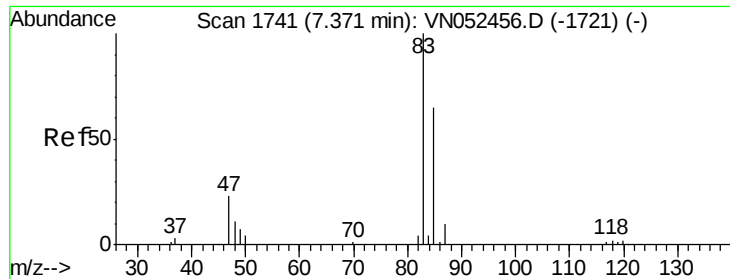
43 250.8 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN052720.D (-480) (-)

Ion 43.00 (42.70 to 43.70): VN052720.D (-480) (-)

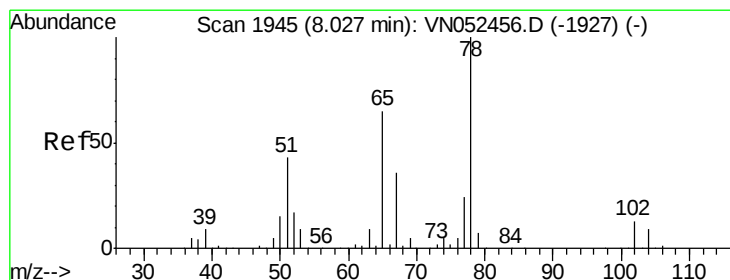
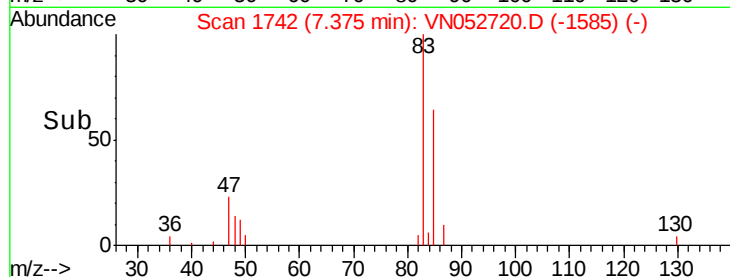
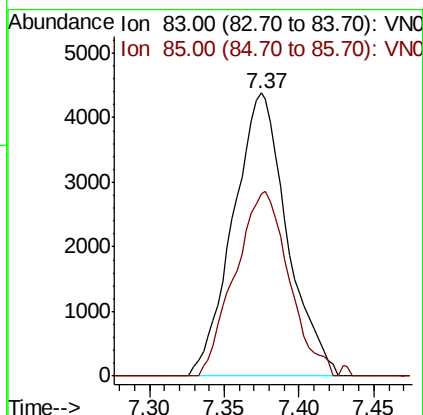
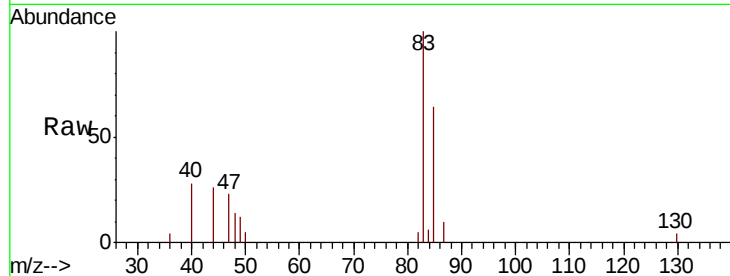




#25
Chloroform
Concen: 0.684 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052720.D
Acq: 7 Dec 2018 12:19

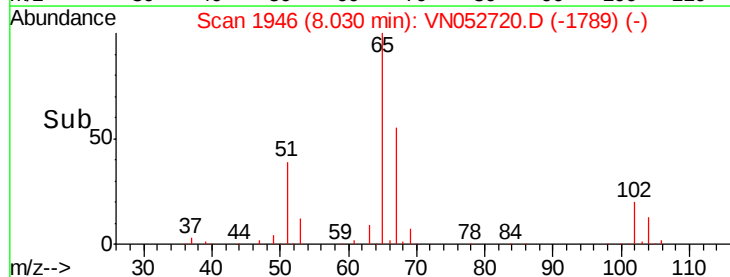
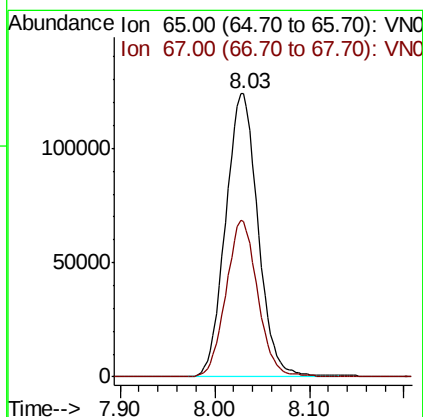
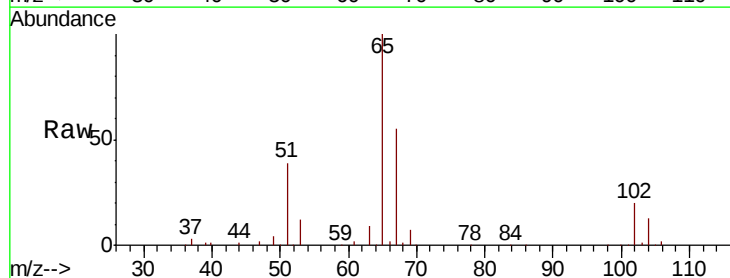
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

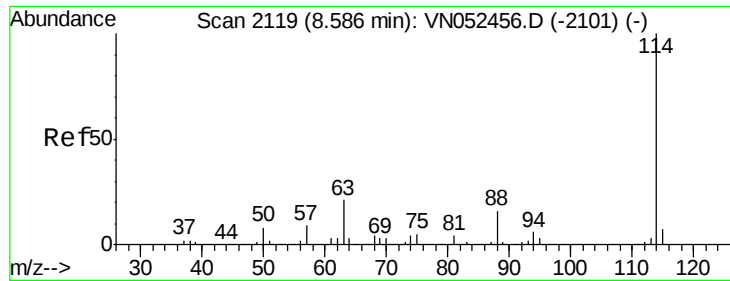
Tgt Ion: 83 Resp: 10984
Ion Ratio Lower Upper
83 100
85 64.5 51.7 77.5



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052720.D
Acq: 7 Dec 2018 12:19

Tgt Ion: 65 Resp: 295601
Ion Ratio Lower Upper
65 100
67 54.1 44.6 66.8

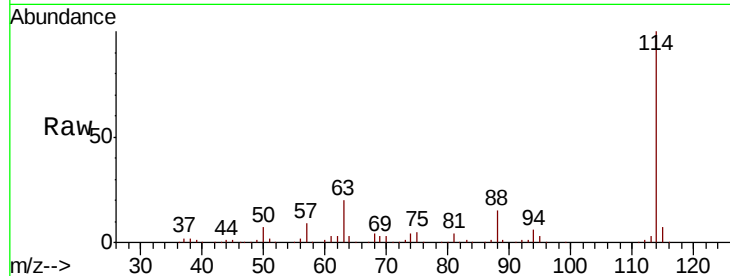




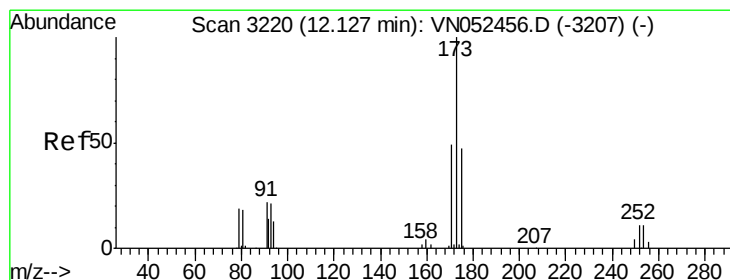
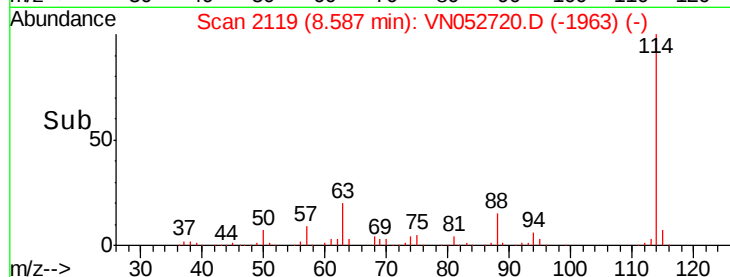
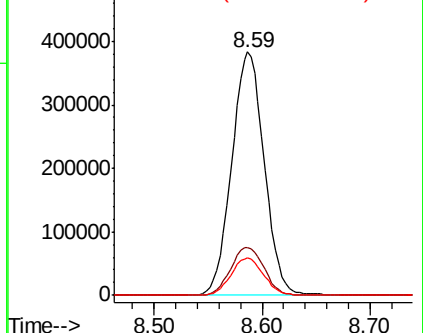
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052720.D
 Acq: 7 Dec 2018 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Tgt Ion:114 Resp: 805372
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.3 12.8 19.2

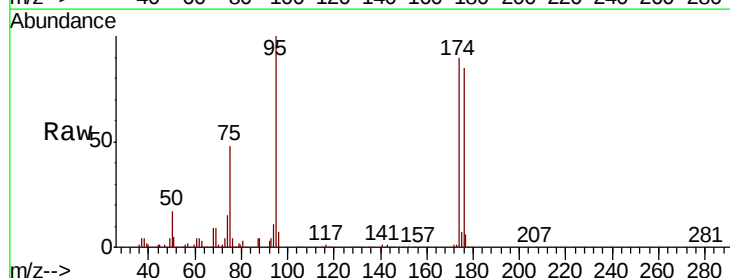


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

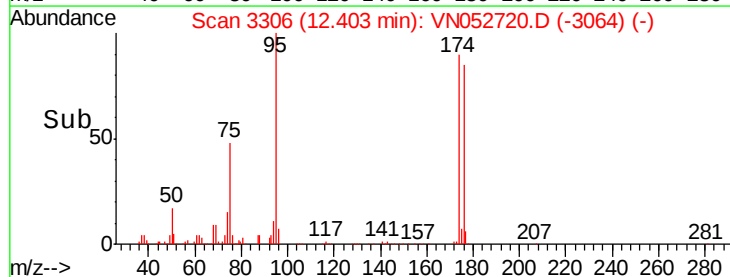
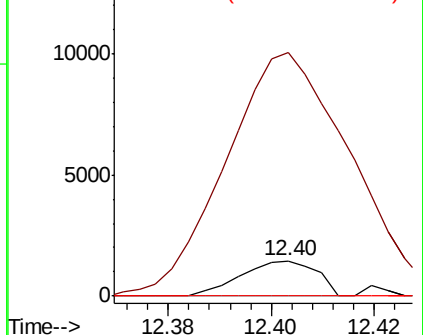


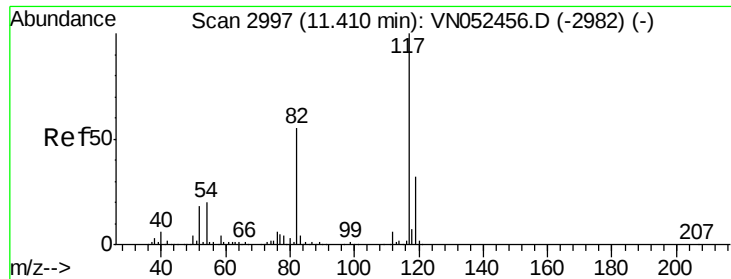
#56
 Bromoform
 Concen: 0.269 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.28 min
 Lab File: VN052720.D
 Acq: 7 Dec 2018 12:19

Tgt Ion:173 Resp: 1471
 Ion Ratio Lower Upper
 173 100
 175 1149.8 38.7 58.1#
 254 0.0 8.4 12.6#



Abundance Ion 173.00 (172.70 to 173.70): V
 Ion 175.00 (174.70 to 175.70): V
 Ion 254.00 (253.70 to 254.70): V

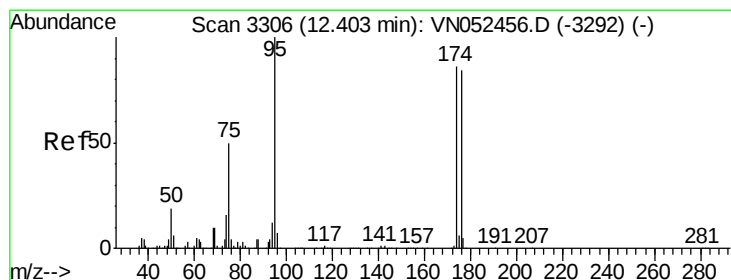
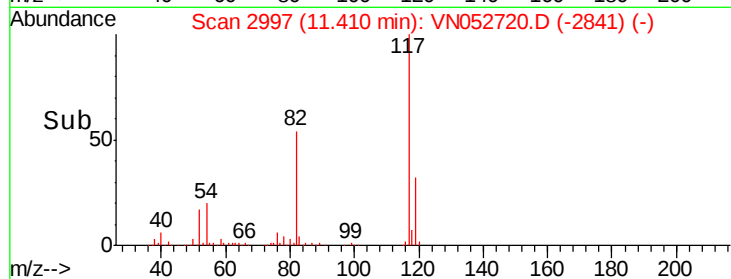
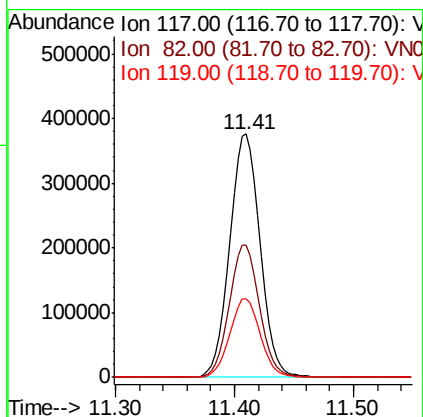
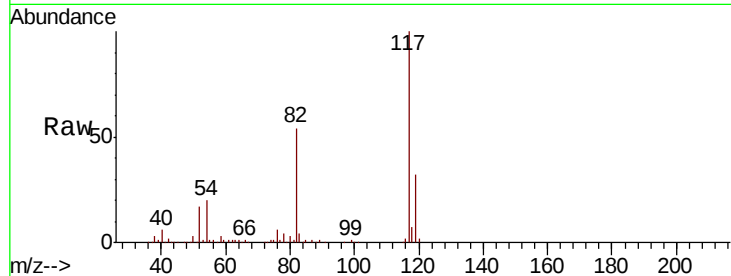




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052720.D
Acq: 7 Dec 2018 12:19

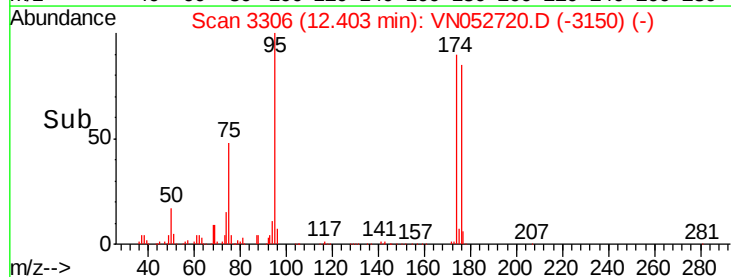
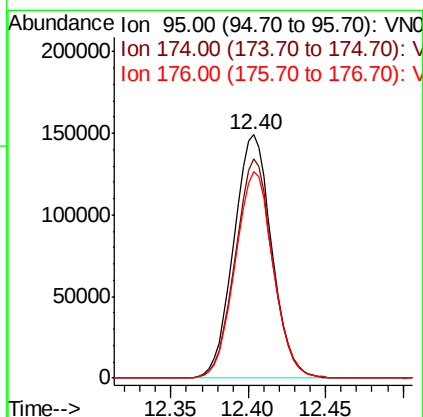
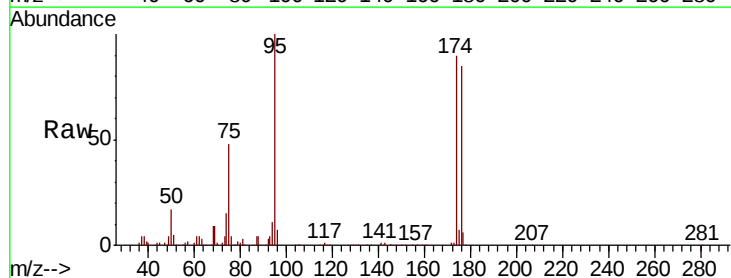
Instrument :
MSVOA_N
ClientSampled :
SPDES-1

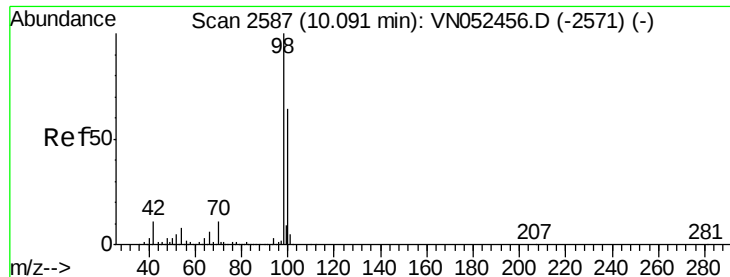
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.2
119	32.4	25.4	38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052720.D
Acq: 7 Dec 2018 12:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	67.9	101.9
176	85.1	66.4	99.6





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052720.D

Acq: 7 Dec 2018 12:19

Instrument :

MSVOA_N

ClientSampled :

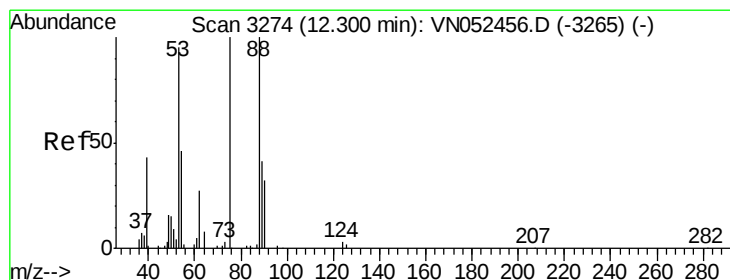
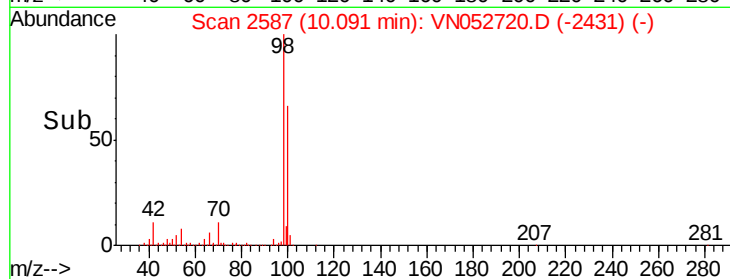
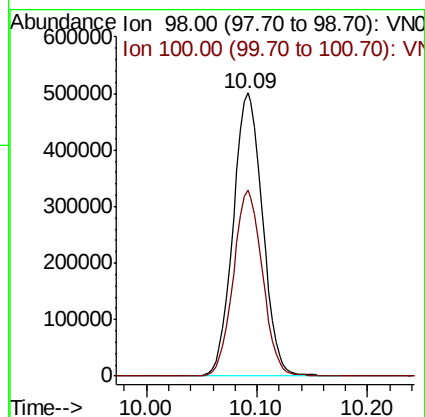
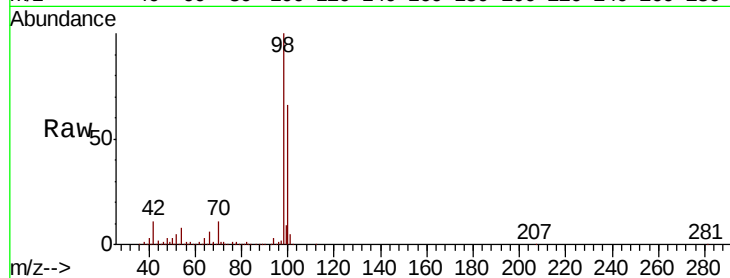
SPDES-1

Tgt Ion: 98 Resp: 926374

Ion Ratio Lower Upper

98 100

100 65.1 51.1 76.7



#77

t-1,4-Dichloro-2-butene

Concen: 54.896 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052720.D

Acq: 7 Dec 2018 12:19

Tgt Ion: 75 Resp: 123173

Ion Ratio Lower Upper

75 100

53 0.0 48.5 145.6#

89 0.0 21.7 65.1#

