

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
 Data File : VN053349.D
 Acq On : 10 Jan 2019 19:02
 Operator : MD\SY
 Sample : K1120-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Jan 11 05:42:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	140680	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	805047	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	684557	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	281336	31.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.93%
60) 4-Bromofluorobenzene	12.40	95	289917	27.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.27%
63) Toluene-d8	10.09	98	934533	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

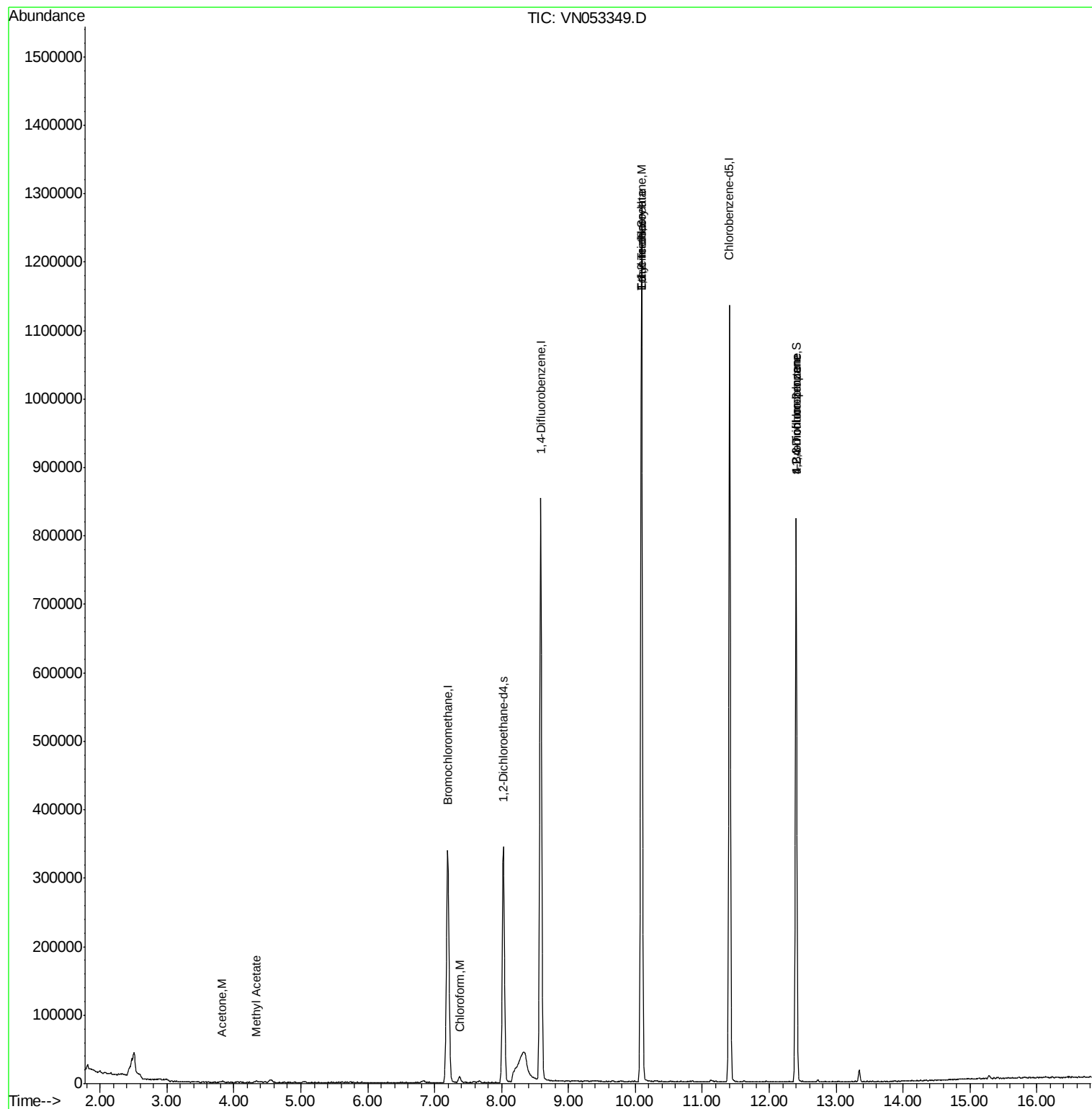
					Qvalue	
12) Methyl Acetate	4.33	43	2171	0.340	ug/l #	75
15) Acetone	3.83	58	669	1.101	ug/l #	39
25) Chloroform	7.37	83	9498	0.615	ug/l #	80
50) 1,1,2-Trichloroethane	10.10	97	27879	3.593	ug/l #	1
51) Ethyl methacrylate	10.10	69	2752	0.272	ug/l	95
72) 1,2,3-Trichloropropane	12.40	75	136220	18.823	ug/l	1
77) t-1,4-Dichloro-2-butene	12.40	75	136220	53.570	ug/l #	11

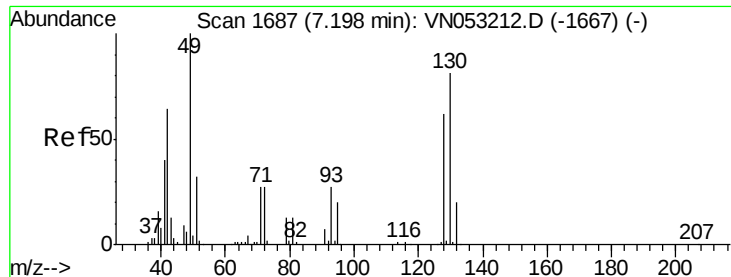
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053349.D
Acq On : 10 Jan 2019 19:02
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Sample : K1120-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Quant Time: Jan 11 05:42:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN053349.D

Acq: 10 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

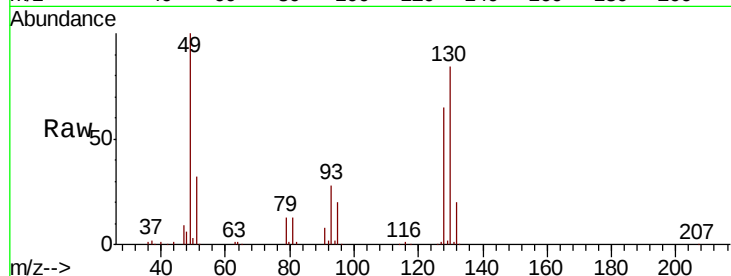
Tgt Ion:128 Resp: 140680

Ion Ratio Lower Upper

128 100

49 156.7 0.0 431.8

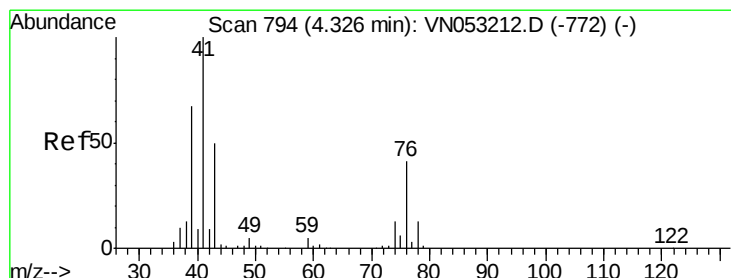
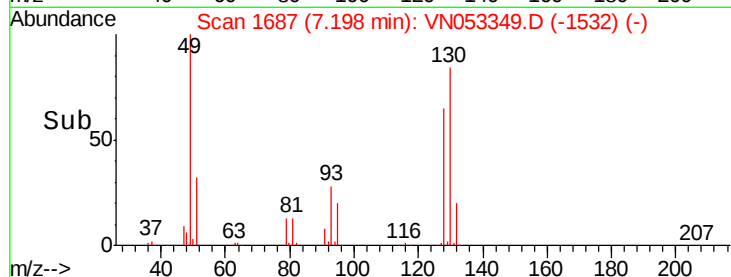
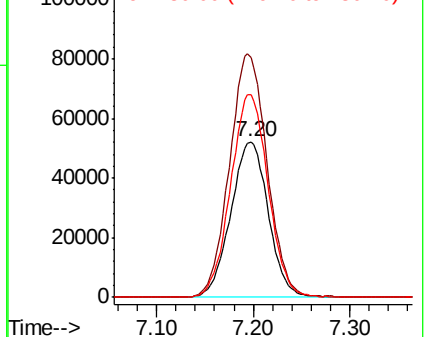
130 130.4 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#12

Methyl Acetate

Concen: 0.340 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053349.D

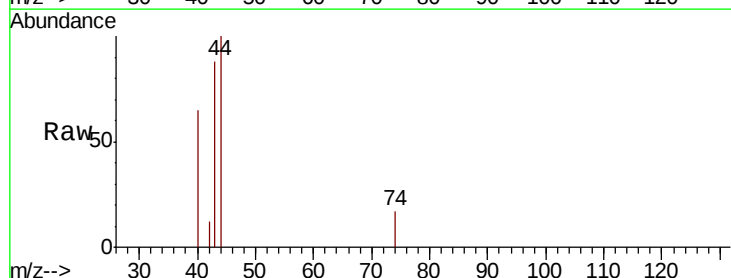
Acq: 10 Jan 2019 19:02

Tgt Ion: 43 Resp: 2171

Ion Ratio Lower Upper

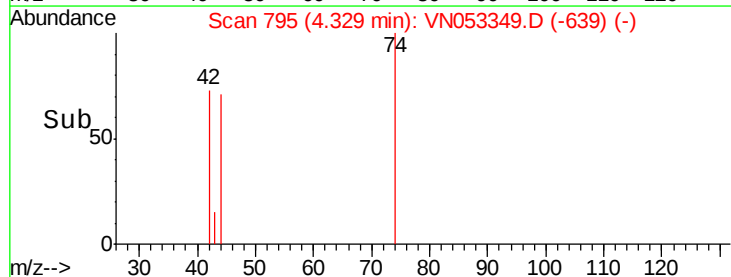
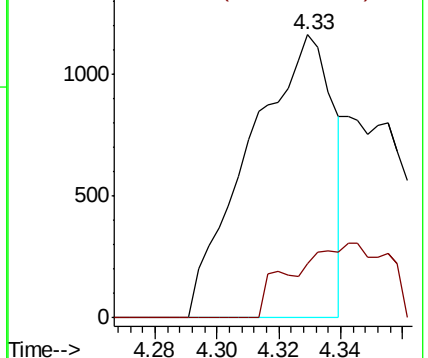
43 100

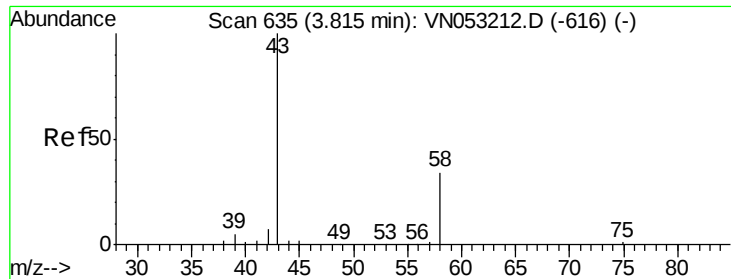
74 11.6 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#15

Acetone

Concen: 1.101 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.02 min

Lab File: VN053349.D

Acq: 10 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

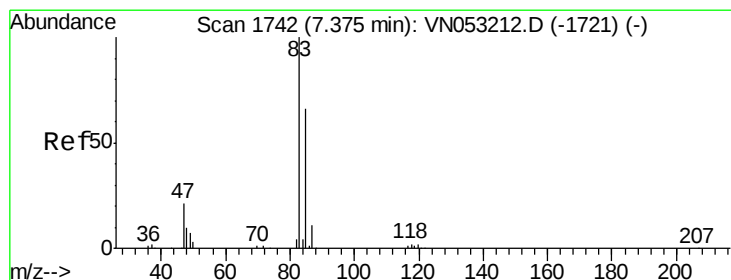
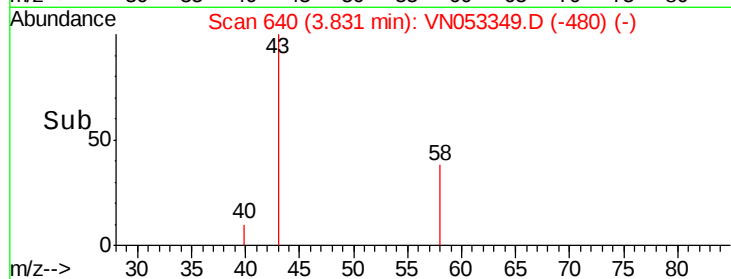
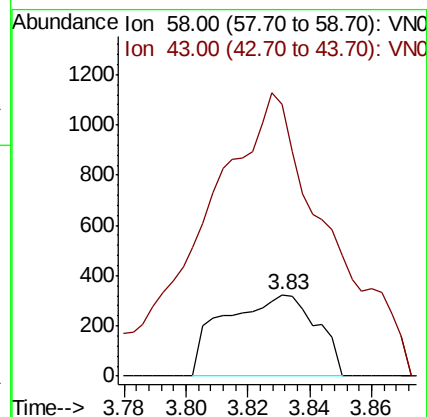
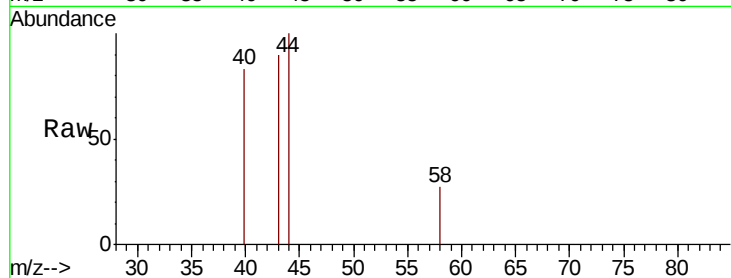
SPDES-1

Tgt Ion: 58 Resp: 669

Ion Ratio Lower Upper

58 100

43 184.6 243.6 365.4#



#25

Chloroform

Concen: 0.615 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN053349.D

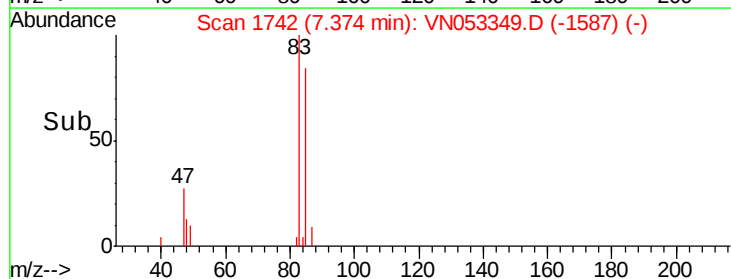
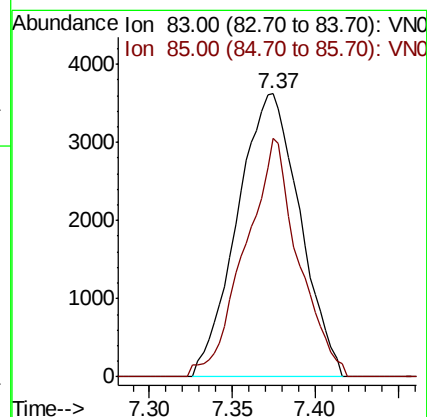
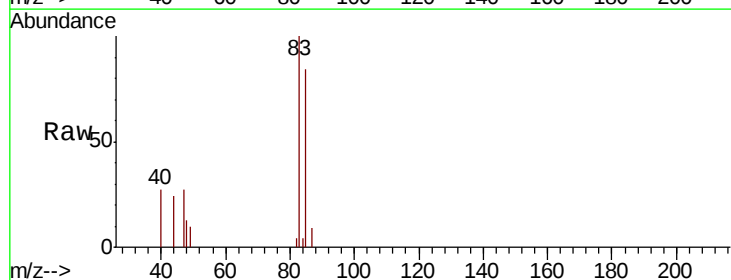
Acq: 10 Jan 2019 19:02

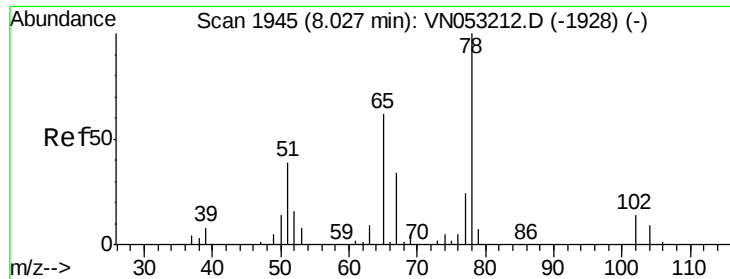
Tgt Ion: 83 Resp: 9498

Ion Ratio Lower Upper

83 100

85 80.0 51.7 77.5#

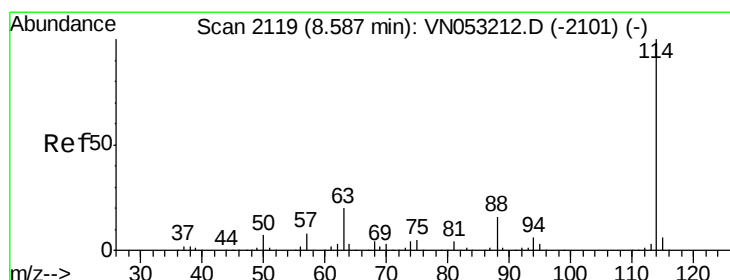
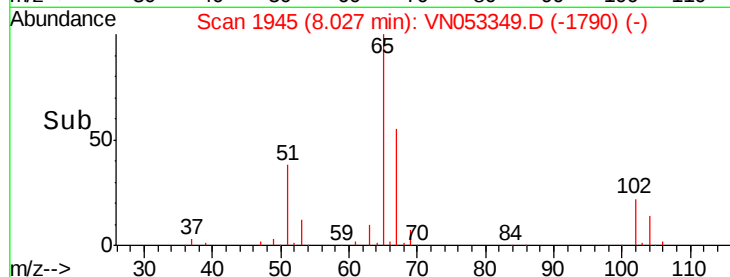
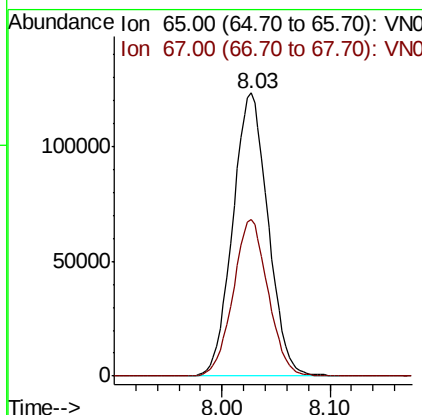
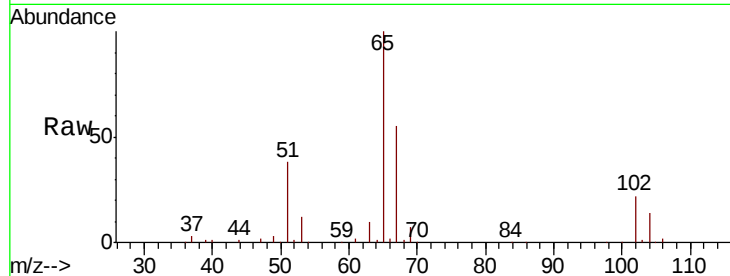




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053349.D
 Acq: 10 Jan 2019 19:02

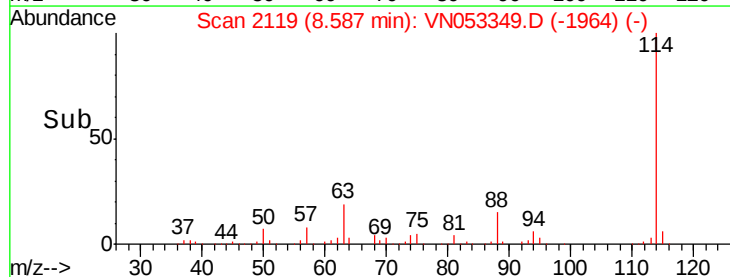
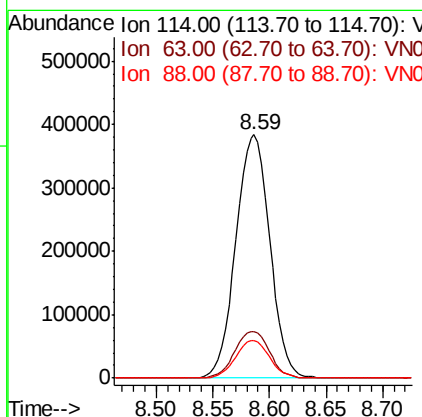
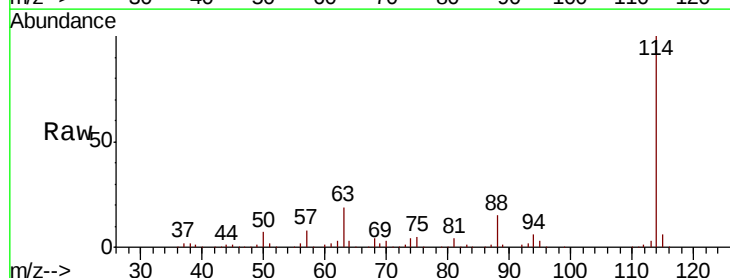
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

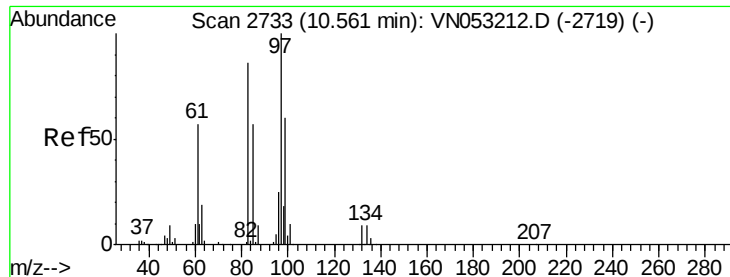
Tgt Ion: 65 Resp: 281336
 Ion Ratio Lower Upper
 65 100
 67 54.8 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053349.D
 Acq: 10 Jan 2019 19:02

Tgt Ion: 114 Resp: 805047
 Ion Ratio Lower Upper
 114 100
 63 19.7 16.9 25.3
 88 15.4 12.8 19.2





#50

1,1,2-Trichloroethane

Concen: 3.593 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.46 min

Lab File: VN053349.D

Acq: 10 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tgt Ion: 97 Resp: 27879

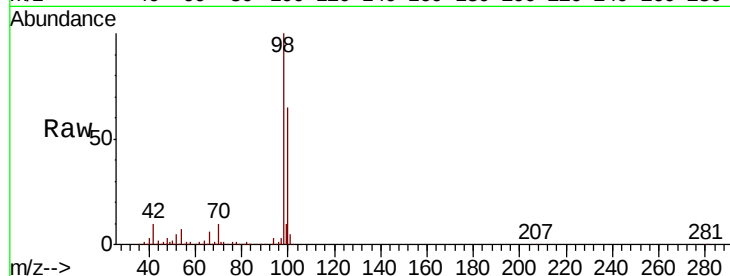
Ion Ratio Lower Upper

97 100

83 3.0 70.4 105.6#

85 0.0 45.0 67.6#

99 305.3 50.2 75.2#

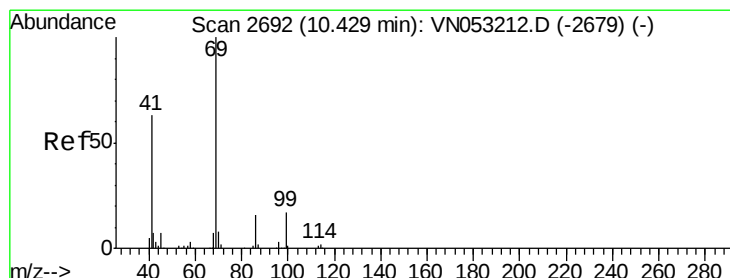
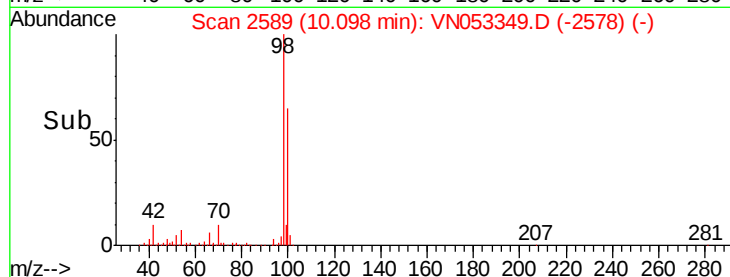
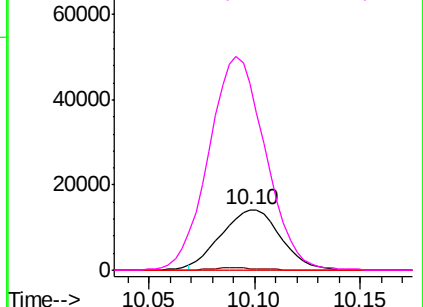


Abundance Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO



#51

Ethyl methacrylate

Concen: 0.272 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.33 min

Lab File: VN053349.D

Acq: 10 Jan 2019 19:02

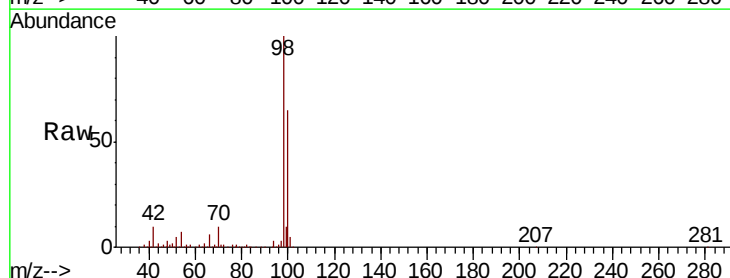
Tgt Ion: 69 Resp: 2752

Ion Ratio Lower Upper

69 100

41 70.4 34.4 103.3

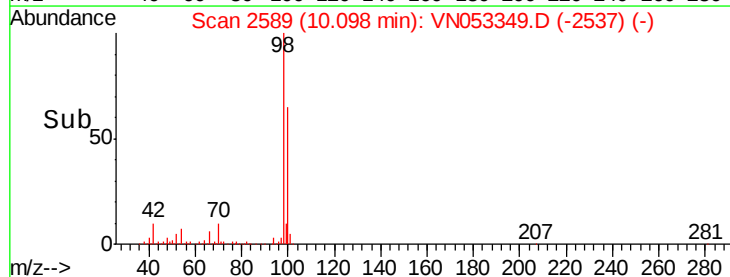
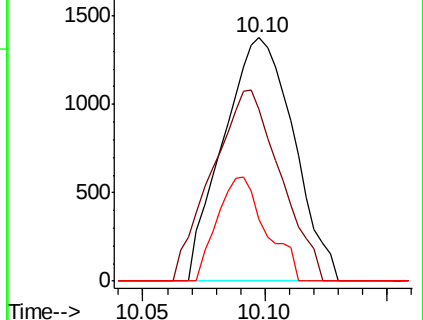
39 25.5 16.4 49.2

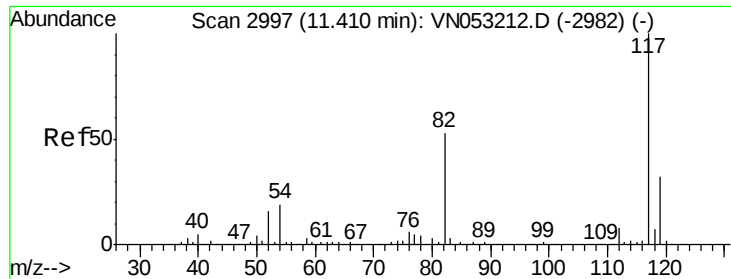


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

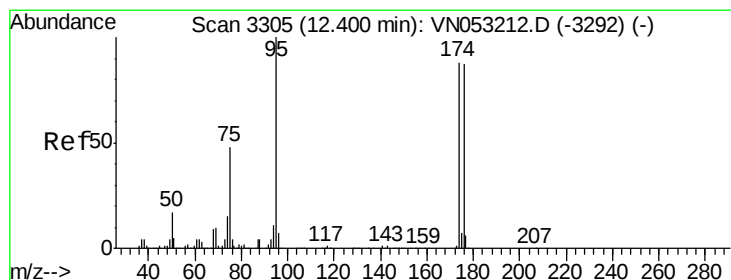
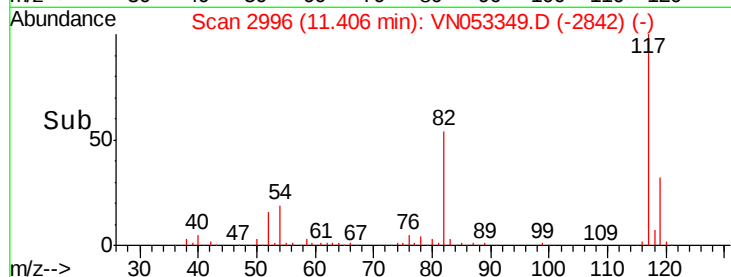
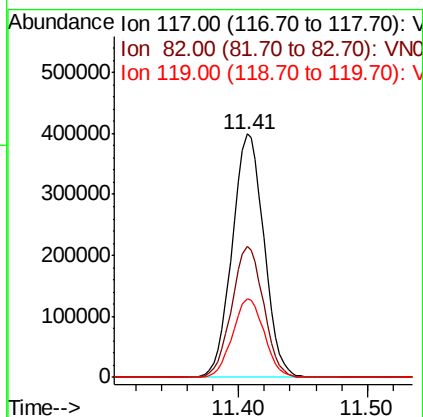
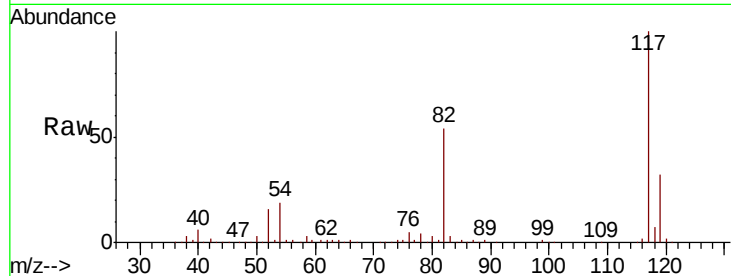




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

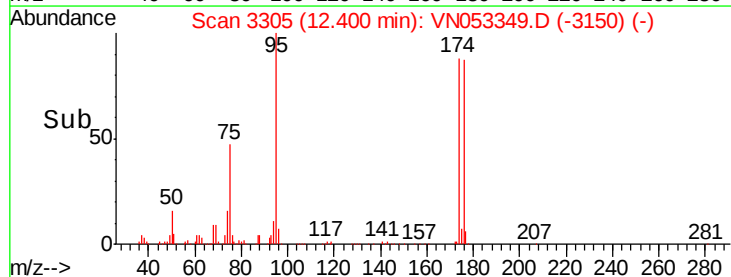
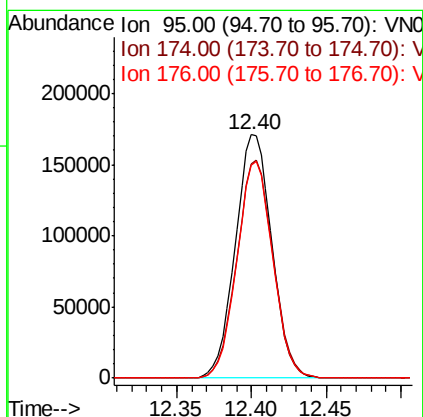
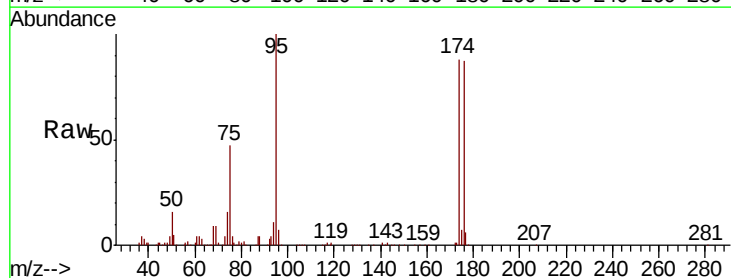
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

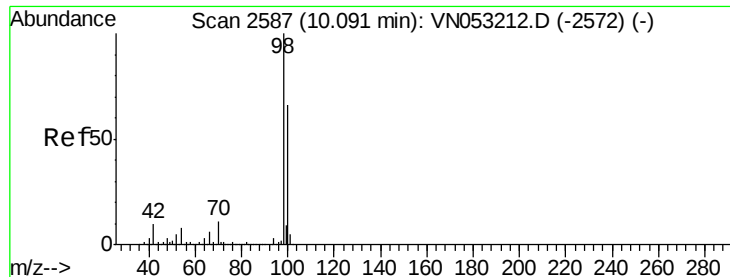
Tgt Ion: 117 Resp: 684557
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.1 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Tgt Ion: 95 Resp: 289917
Ion Ratio Lower Upper
95 100
174 89.0 67.9 101.9
176 87.4 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: VN053349.D

Acq: 10 Jan 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

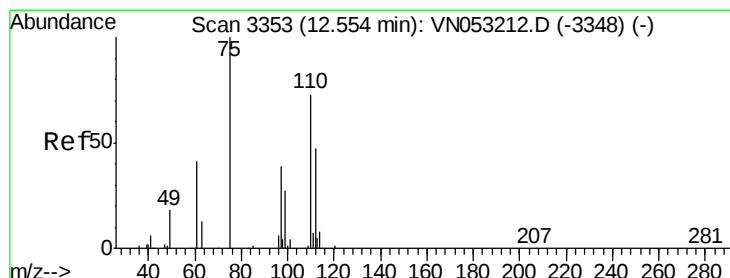
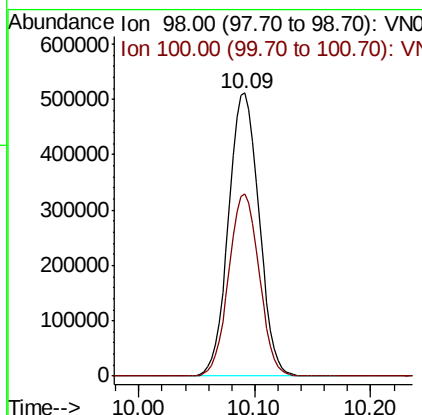
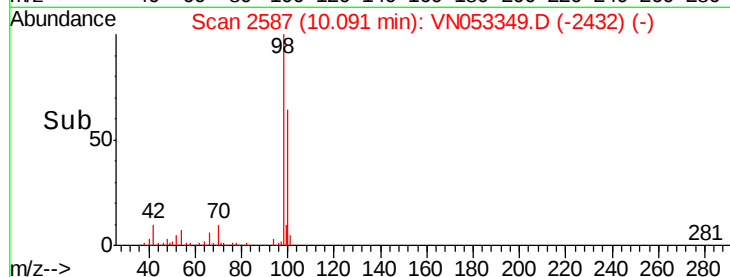
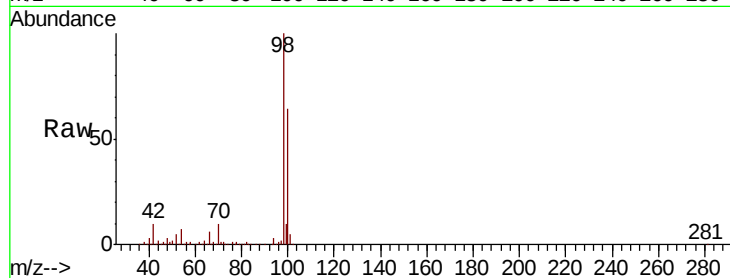
SPDES-1

Tgt Ion: 98 Resp: 934533

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#72

1,2,3-Trichloropropane

Concen: 18.823 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053349.D

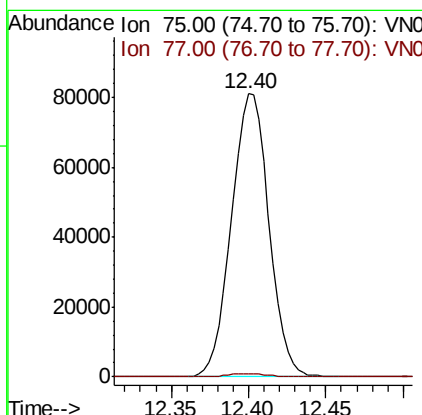
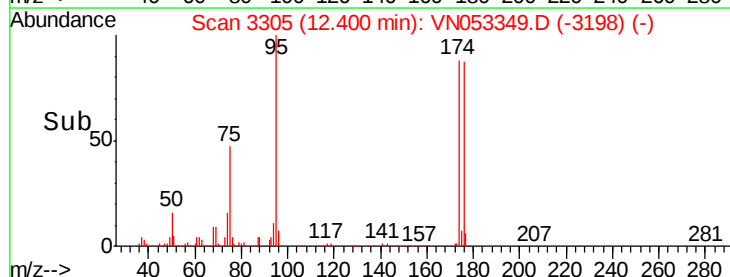
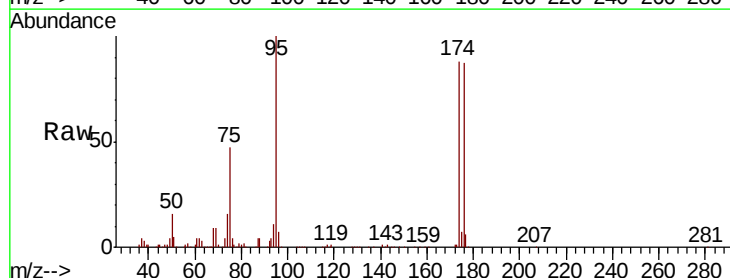
Acq: 10 Jan 2019 19:02

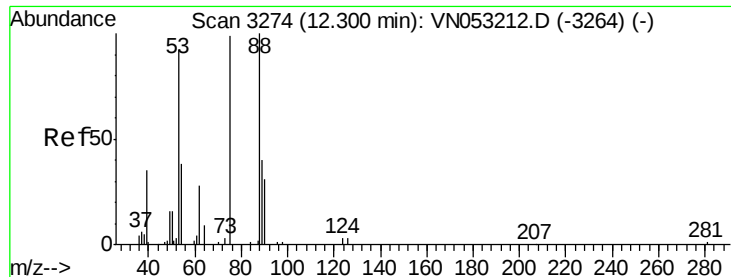
Tgt Ion: 75 Resp: 136220

Ion Ratio Lower Upper

75 100

77 1.2 0.0 514.8





#77
t-1,4-Dichloro-2-butene
Concen: 53.570 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion: 75 Resp: 136220
Ion Ratio Lower Upper
75 100
53 0.0 48.5 145.6#
89 0.0 21.7 65.1#

