

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053549.D
 Acq On : 28 Jan 2019 16:49
 Operator : JC/SP
 Sample : PB116640ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#05

Quant Time: Jan 29 08:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

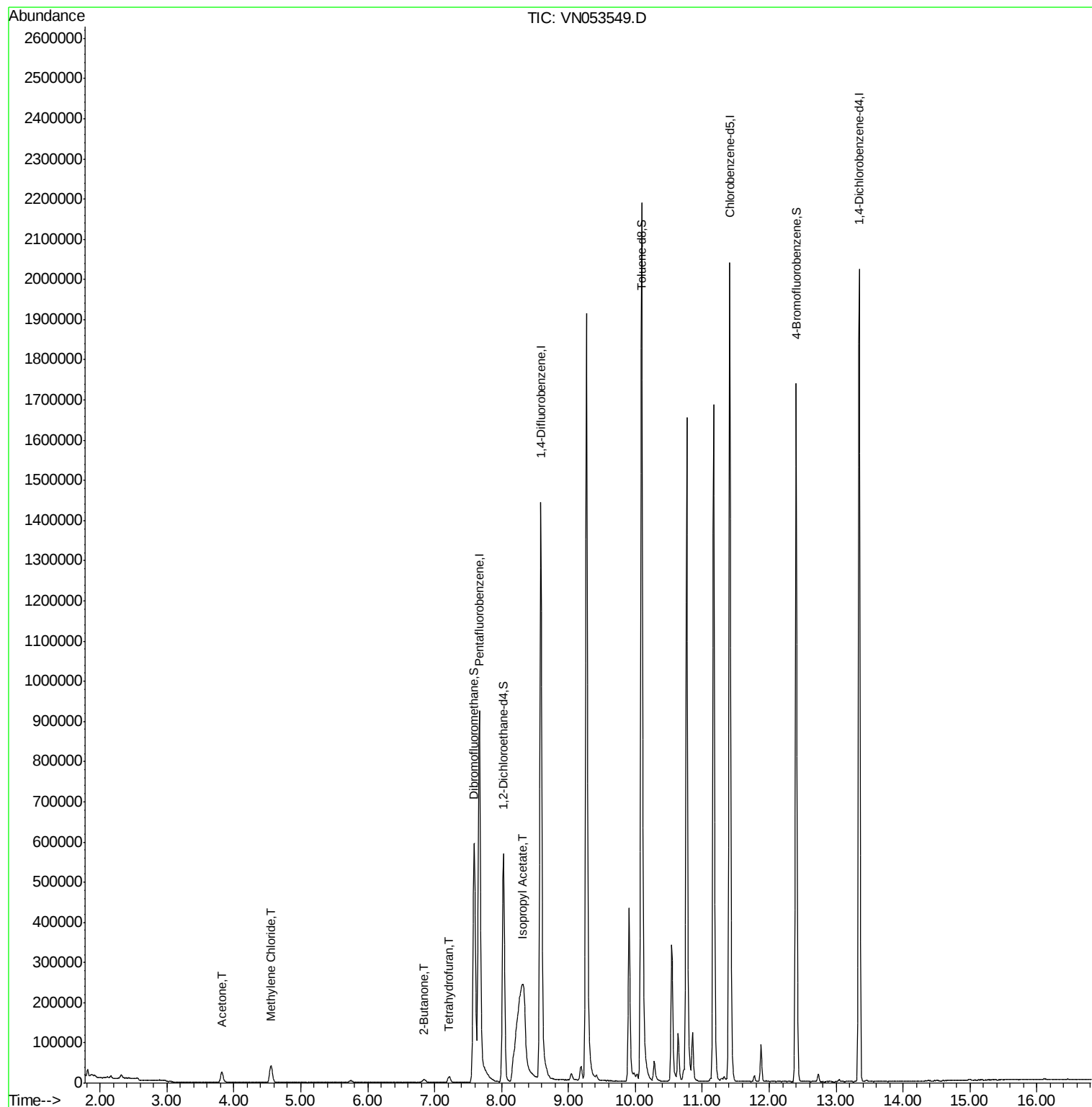
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	921962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1478200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1354334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	585851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	476037	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	465132	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
50) Toluene-d8	10.09	98	1786894	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	603592	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
Target Compounds						
16) Acetone	3.82	43	45826	21.434	ug/l	96
20) Methylene Chloride	4.56	84	33538	3.436	ug/l	95
25) 2-Butanone	6.84	43	13062	3.965	ug/l	99
29) Tetrahydrofuran	7.22	42	13820	6.443	ug/l	98
43) Isopropyl Acetate	8.31	43	752097	54.004	ug/l #	51

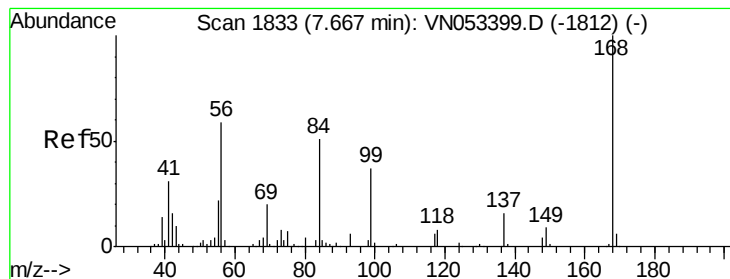
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 16 03:10:53 2019
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: VN053549.D

Acq: 28 Jan 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

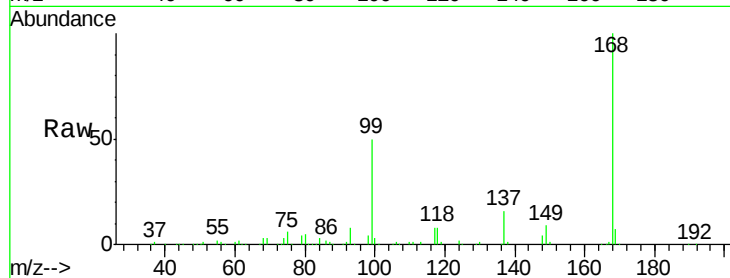
PB116640ZHE#05

Tot Ion:168 Resp: 921962

Ion Ratio Lower Upper

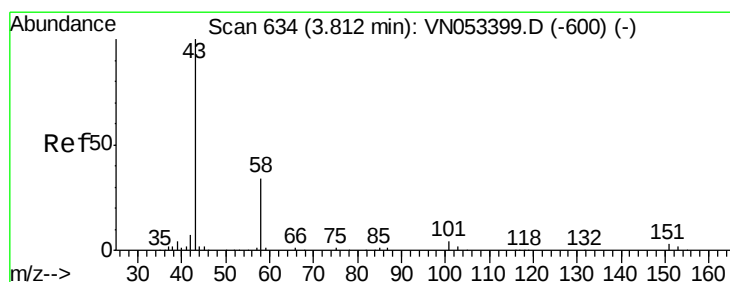
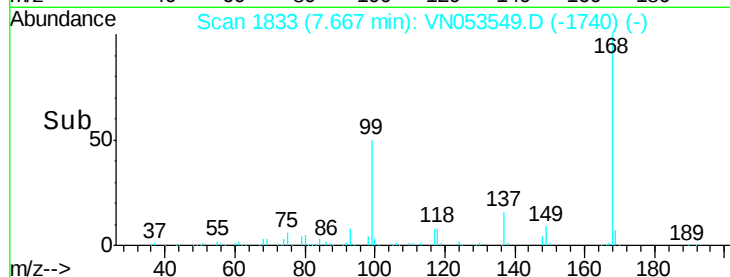
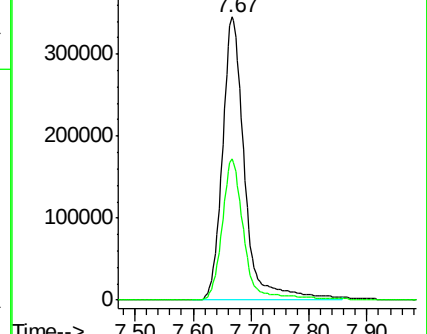
168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)



#16

Acetone

Concen: 21.434 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053549.D

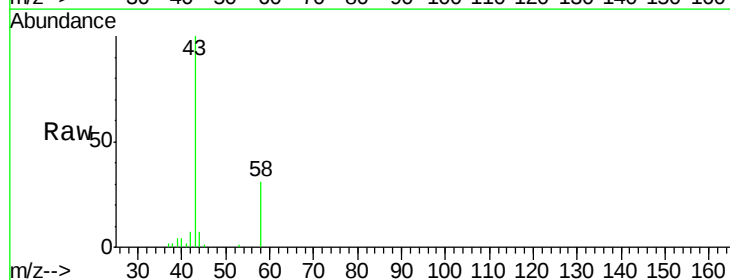
Acq: 28 Jan 2019 16:49

Tgt Ion: 43 Resp: 45826

Ion Ratio Lower Upper

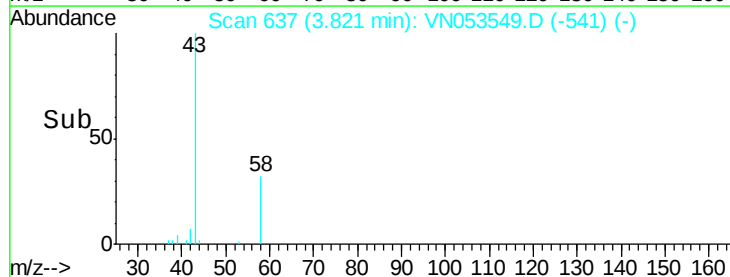
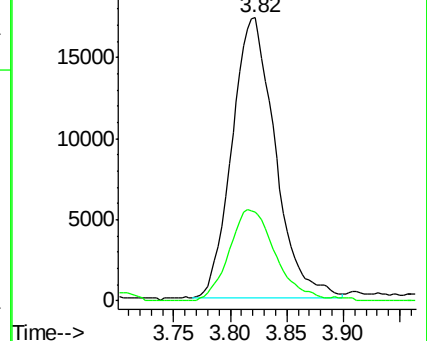
43 100

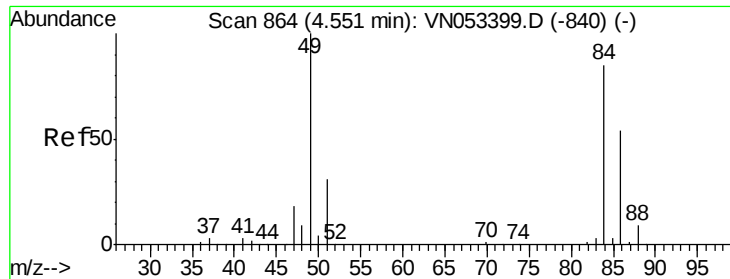
58 31.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

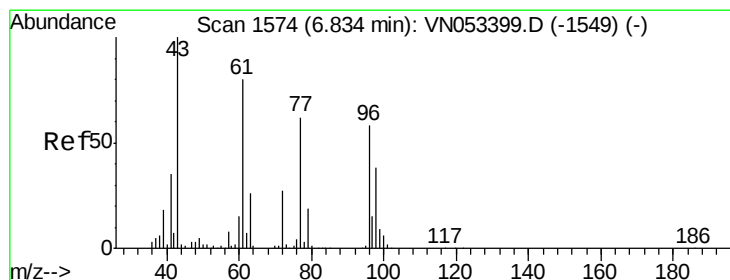
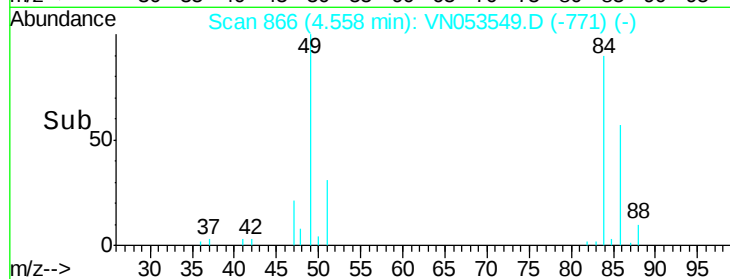
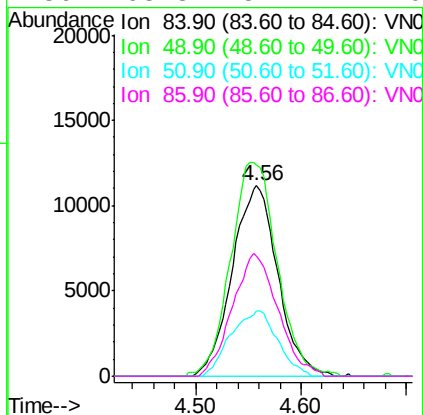
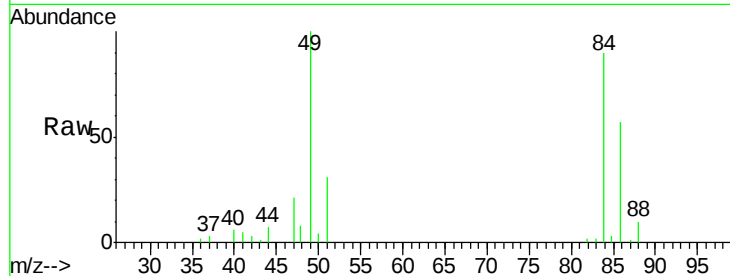




#20
Methvlene Chloride
Concen: 3.436 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053549.D
Acq: 28 Jan 2019 16:49

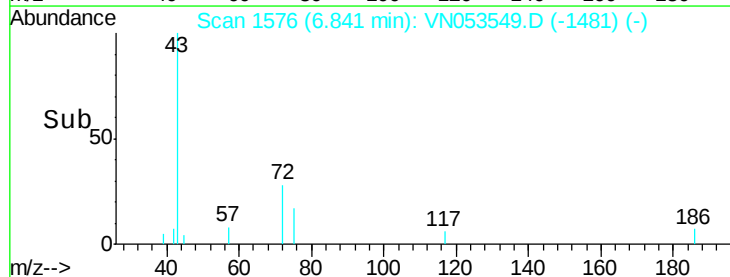
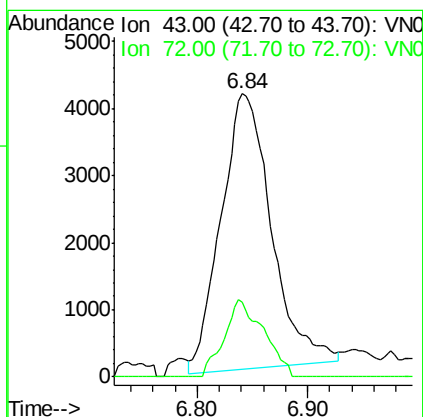
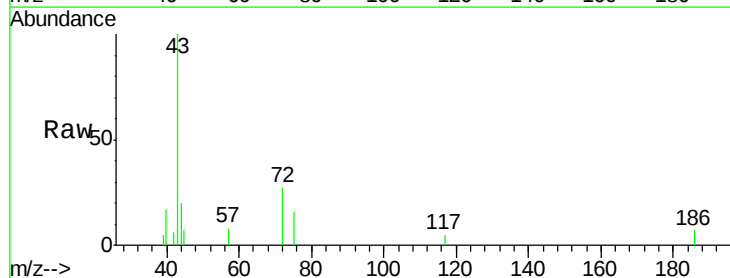
Instrument :
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ClientSampleId :
PB116640ZHE#05

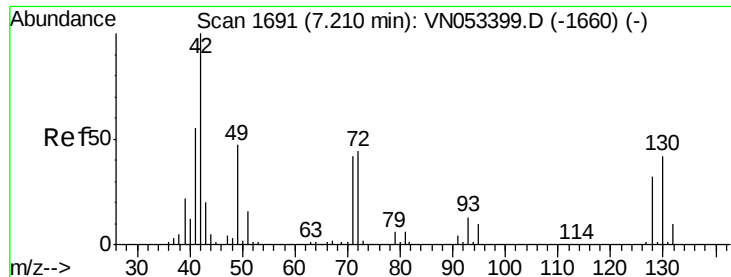
Tot Ion:	84	Resp:	33538
Ion	Ratio	Lower	Upper
84	100		
49	109.6	94.3	141.5
51	34.2	29.4	44.2
86	63.3	51.4	77.0



#25
2-Butanone
Concen: 3.965 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053549.D
Acq: 28 Jan 2019 16:49

Tgt Ion:	43	Resp:	13062
Ion	Ratio	Lower	Upper
43	100		
72	28.1	22.0	33.0

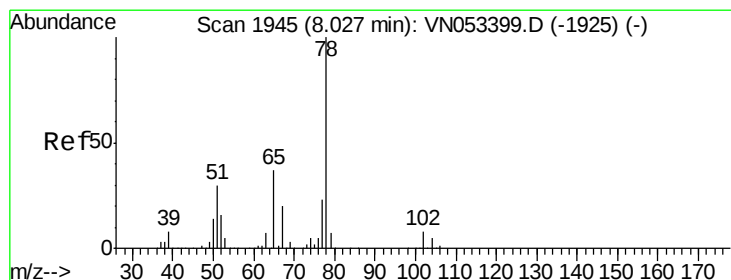
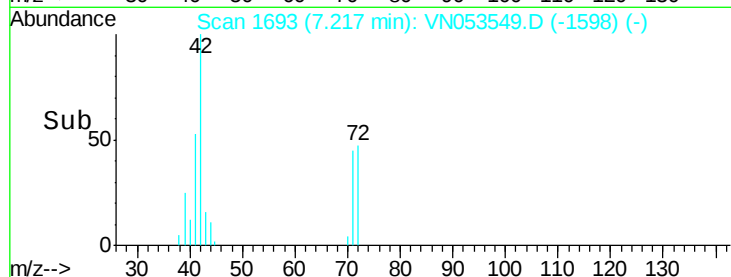
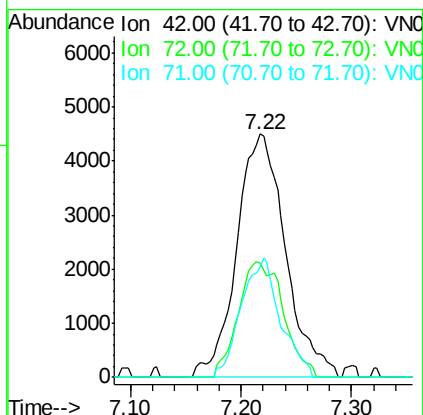
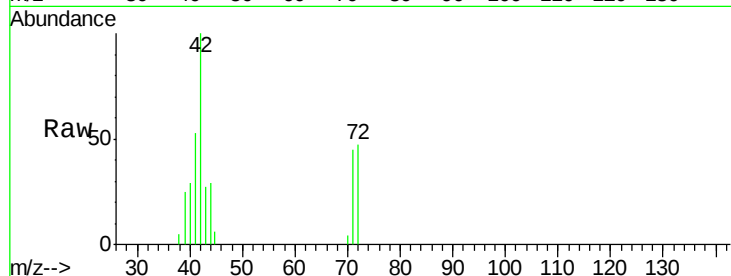




#29
Tetrahydrofuran
Concen: 6.443 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053549.D
Acq: 28 Jan 2019 16:49

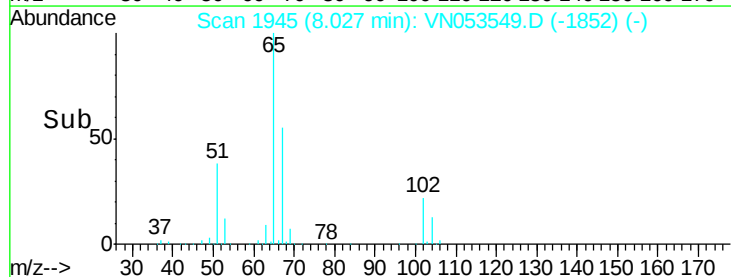
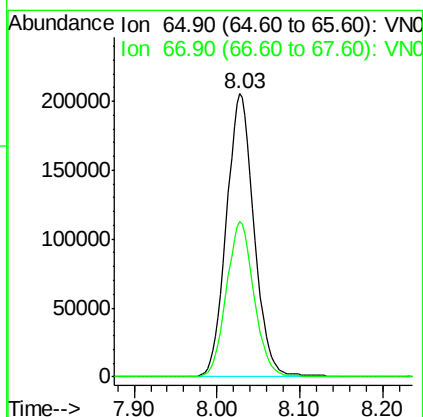
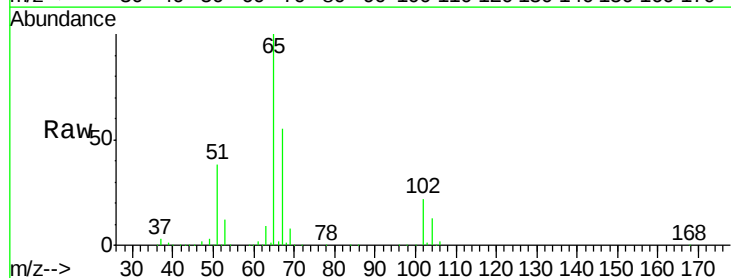
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#05

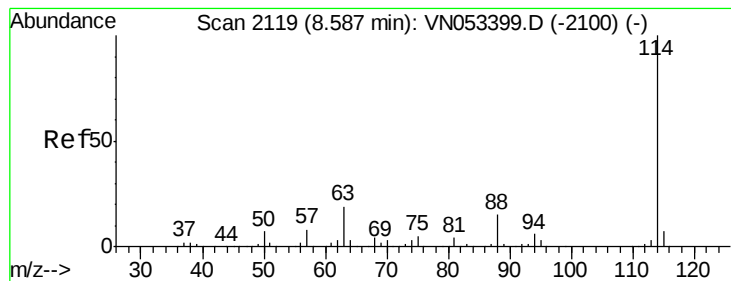
Tot Ion: 42 Resp: 13820
Ion Ratio Lower Upper
42 100
72 43.8 35.2 52.8
71 39.4 33.0 49.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053549.D
Acq: 28 Jan 2019 16:49

Tgt Ion: 65 Resp: 476037
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053549.D

Acq: 28 Jan 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#05

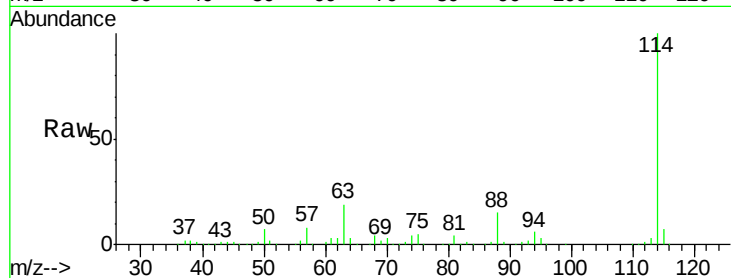
Tot Ion:114 Resp: 1478200

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

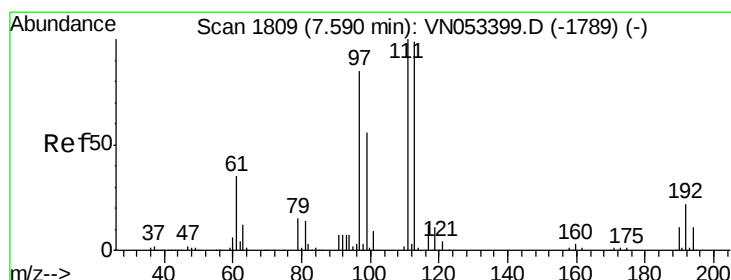
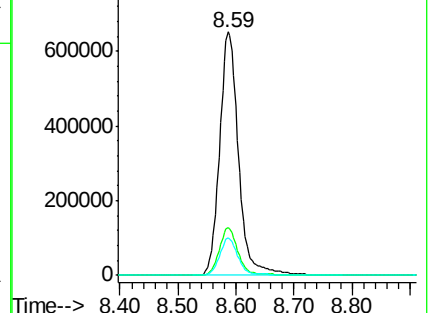
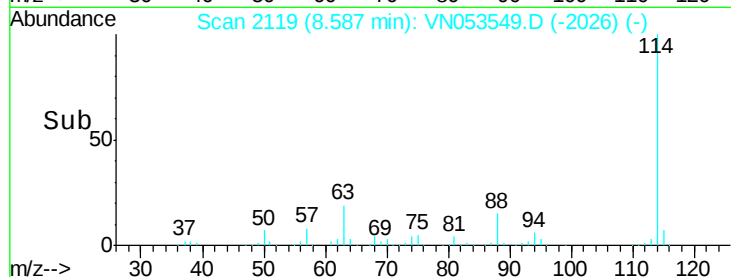
88 15.3 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053549.D

Acq: 28 Jan 2019 16:49

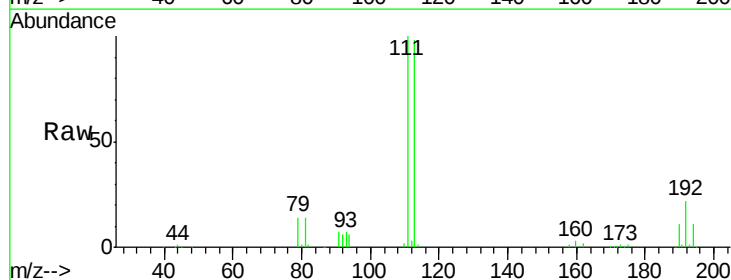
Tgt Ion:113 Resp: 465132

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

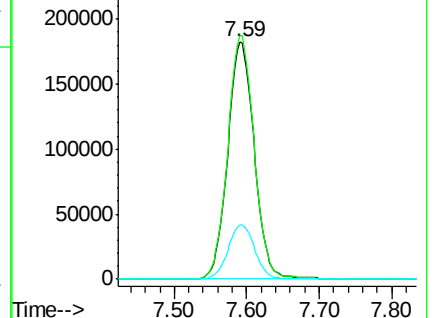
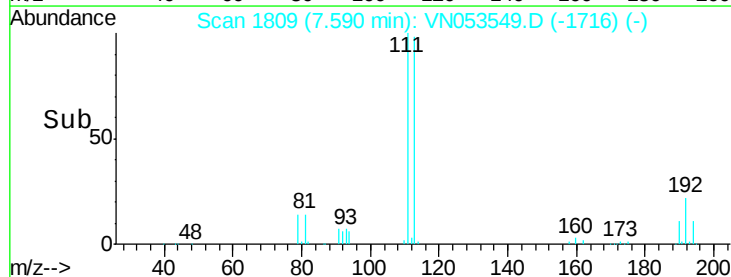
192 23.1 18.2 27.2

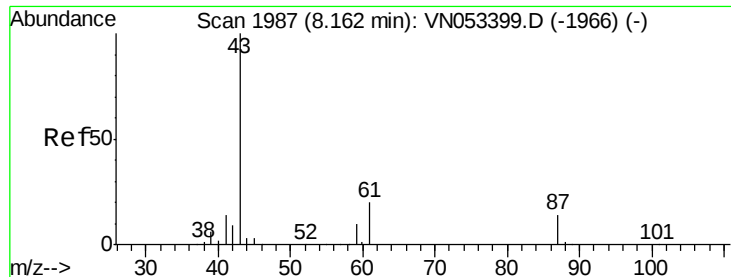


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 54.004 ug/l

RT: 8.31 min Scan# 2034

Delta R.T. 0.15 min

Lab File: VN053549.D

Acq: 28 Jan 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#05

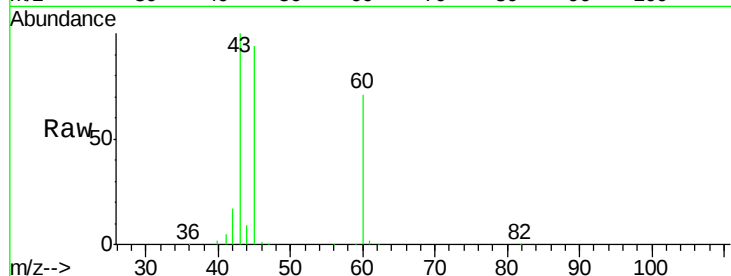
Tot Ion: 43 Resp: 752097

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

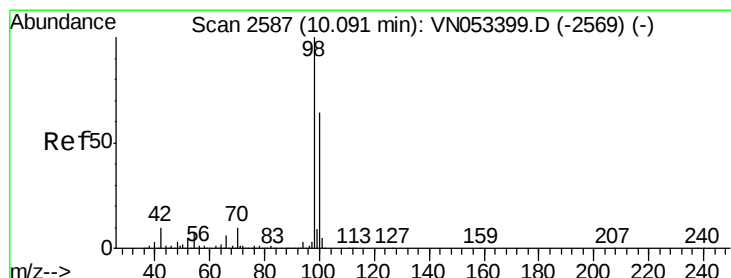
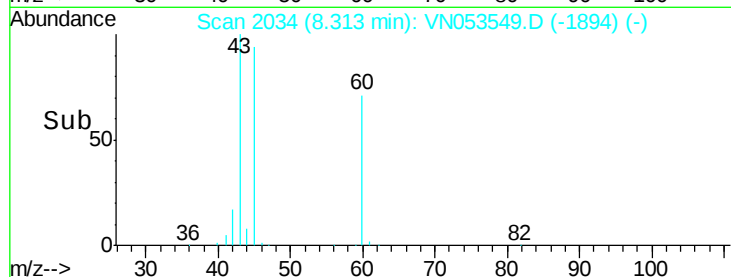
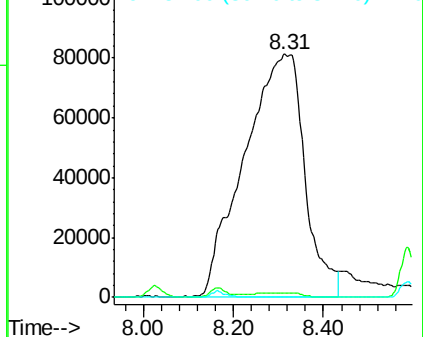
87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053549.D

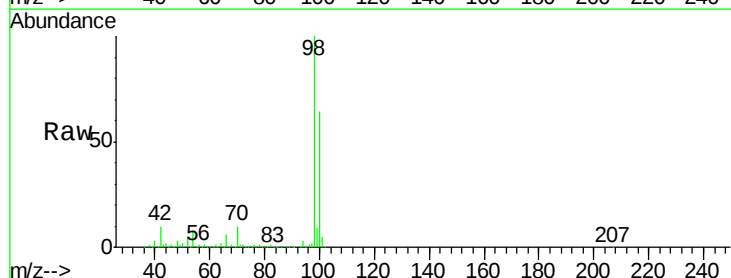
Acq: 28 Jan 2019 16:49

Tgt Ion: 98 Resp: 1786894

Ion Ratio Lower Upper

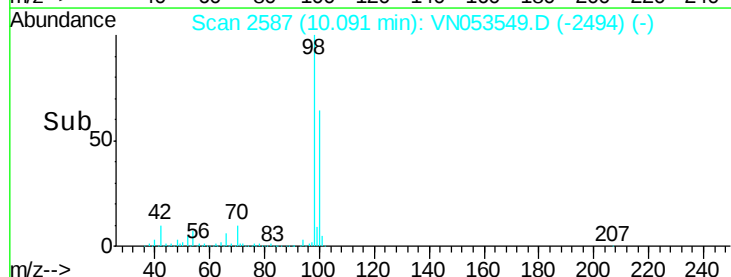
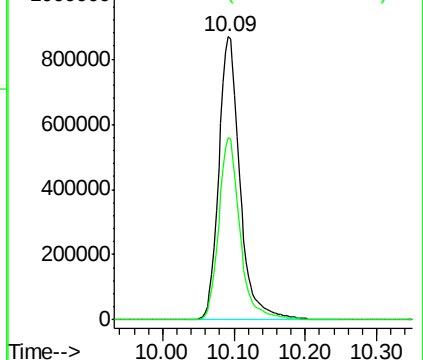
98 100

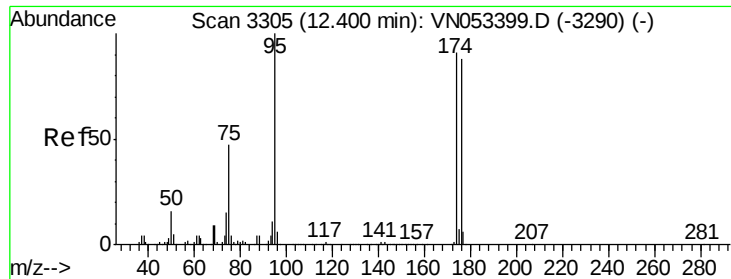
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053549.D

Acq: 28 Jan 2019 16:49

Instrument :

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ClientSampleId :

PB116640ZHE#05

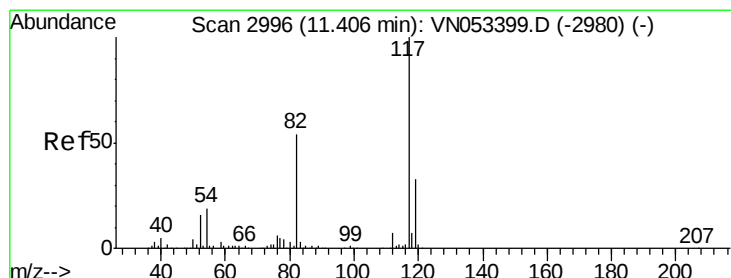
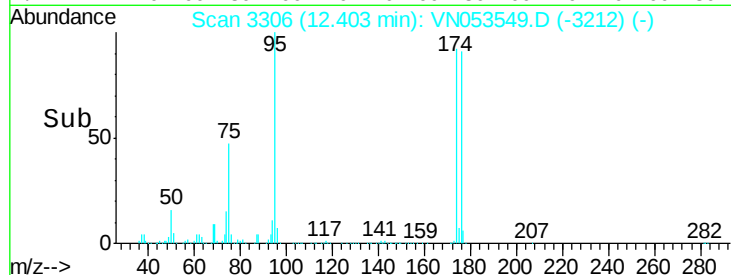
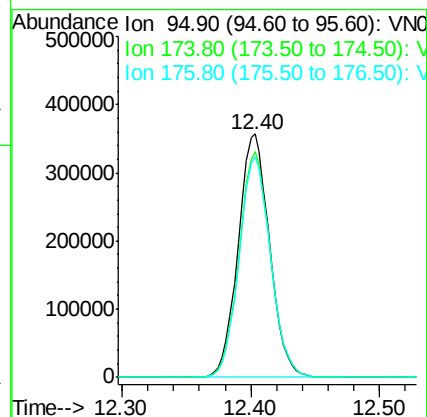
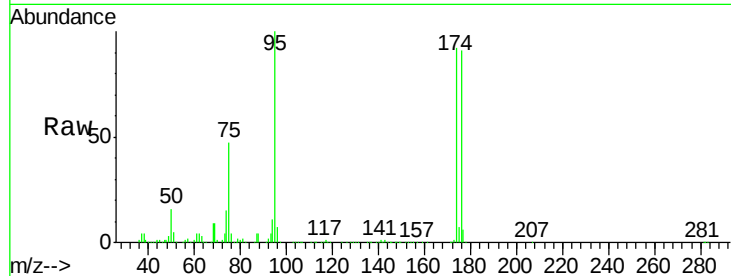
Tot Ion: 95 Resp: 603592

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.2

176 90.7 0.0 177.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053549.D

Acq: 28 Jan 2019 16:49

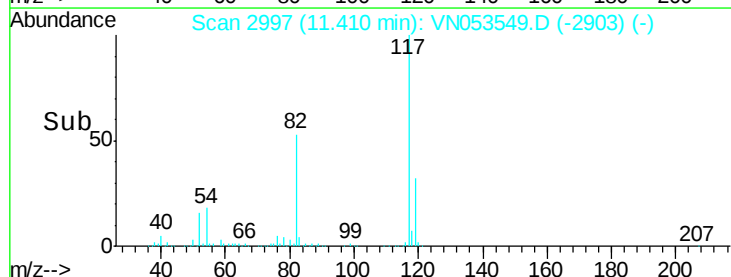
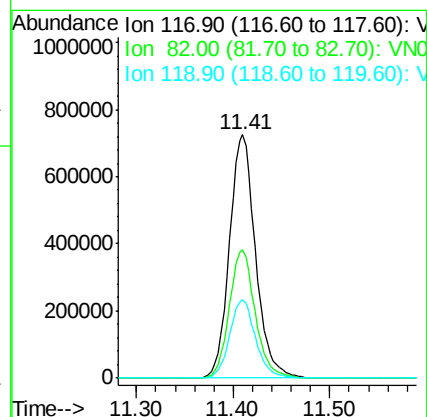
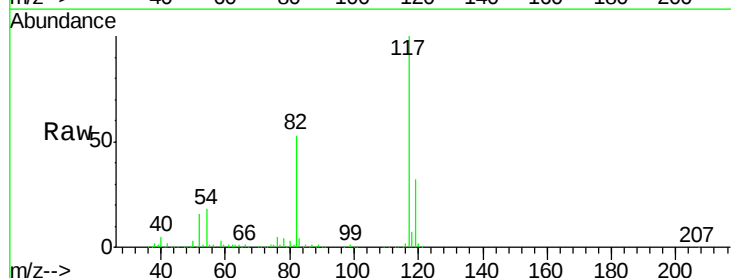
Tgt Ion: 117 Resp: 1354334

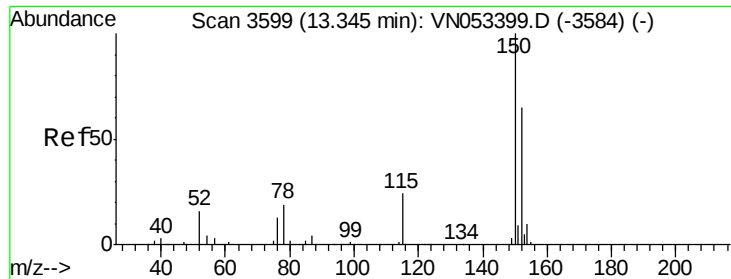
Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053549.D

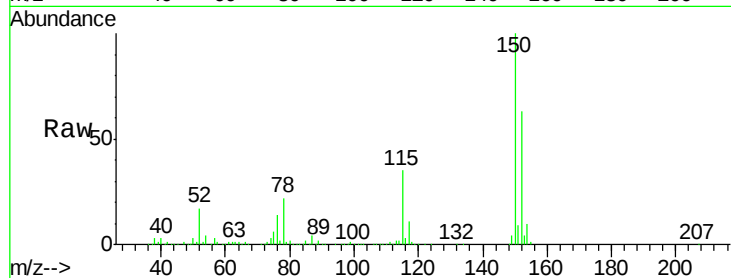
Acq: 28 Jan 2019 16:49

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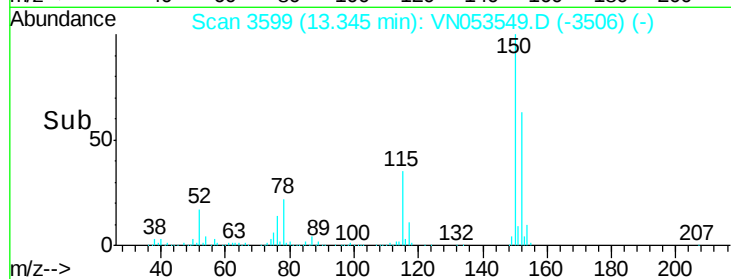
Tot Ion:152 Resp: 585851

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 156.1 0.0 349.0



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

