

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121818\
 Data File : VN052976.D
 Acq On : 18 Dec 2018 22:52
 Operator : MD\SY
 Sample : VN1218MBL02
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBL02

Quant Time: Dec 19 03:51:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

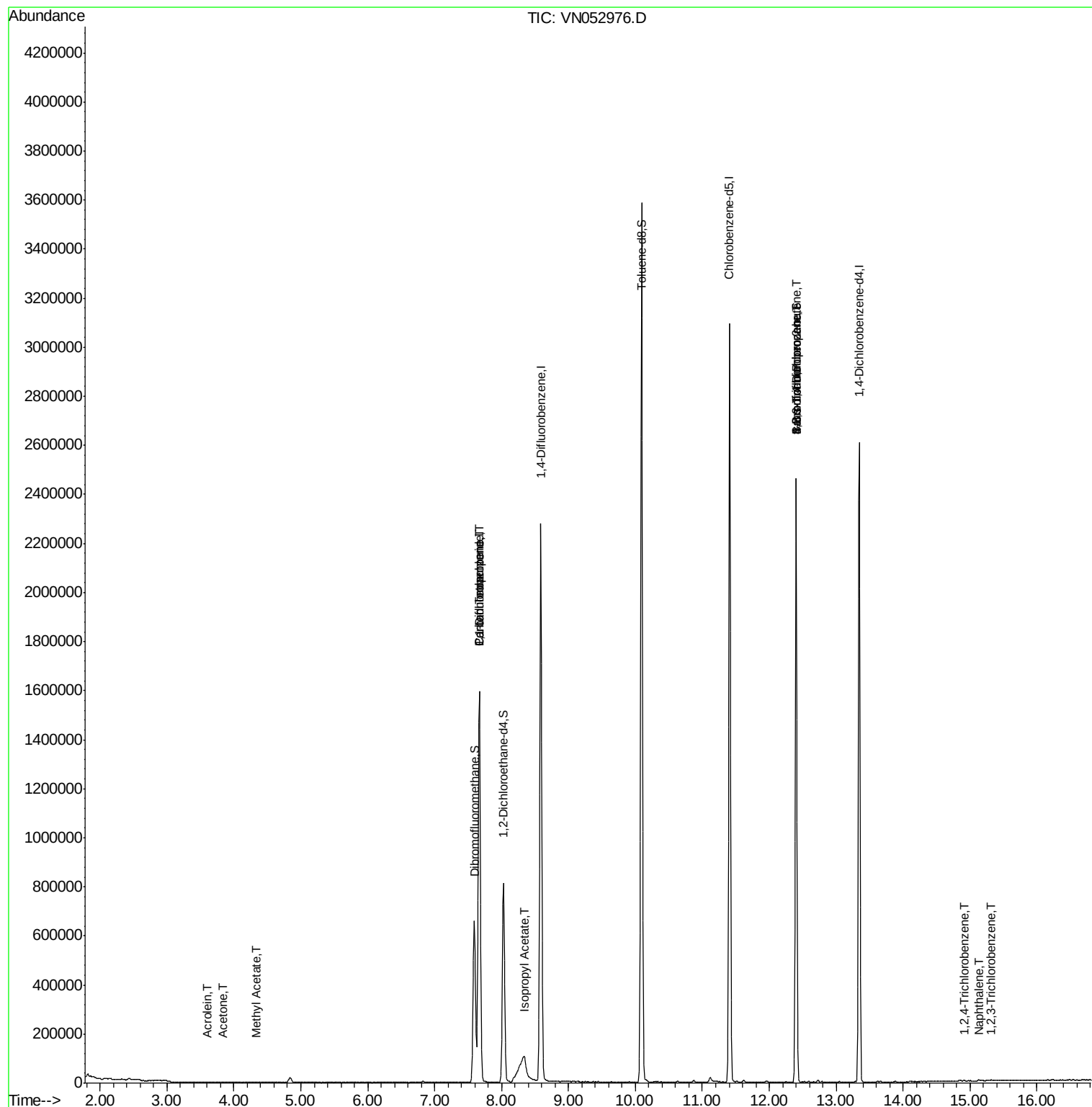
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1391769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2132001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1891211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	747295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	682486	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	7.59	113	505657	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.09	98	2596123	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	847865	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
					Qvalue	
13) Acrolein	3.60	56	394	0.504	ug/l	93
16) Acetone	3.82	43	1990	0.719	ug/l	98
18) Methyl Acetate	4.33	43	4127	1.314	ug/l #	76
31) Cyclohexane	7.67	56	22495	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	90145	4.405	ug/l #	49
38) Carbon Tetrachloride	7.67	117	120632	6.431	ug/l #	15
43) Isopropyl Acetate	8.34	43	295792	12.599	ug/l #	53
71) Bromoform	12.40	173	4901	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	393044	31.244	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	393044	100.702	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	1433	0.702	ug/l	99
94) Hexachlorobutadiene	15.00	225	244	Below Cal		79
95) Naphthalene	15.13	128	3269	1.255	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	1380	0.621	ug/l	90

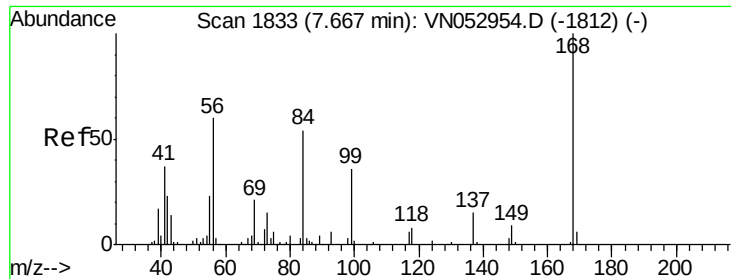
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121818\
Data File : VN052976.D
Acq On : 18 Dec 2018 22:52
Operator : MD\SY
Sample : VN1218MBL02
Misc : 5.00µL/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 29 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBL02

Quant Time: Dec 19 03:51:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN052976.D

Acq: 18 Dec 2018 22:52

Instrument :

MSVOA_N

ClientSampleId :

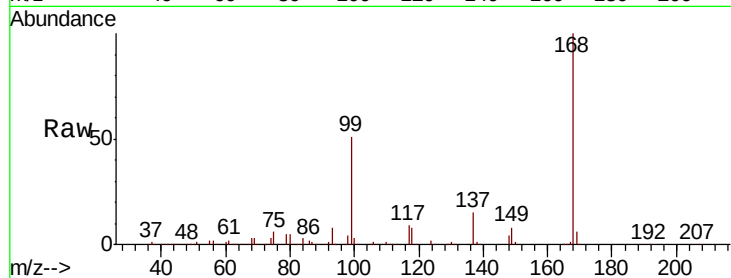
VN1218MBL02

Tot Ion:168 Resp: 1391769

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

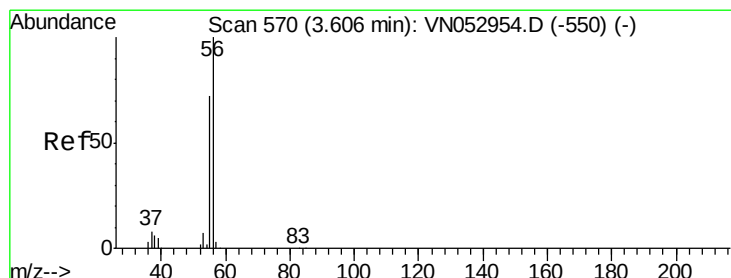
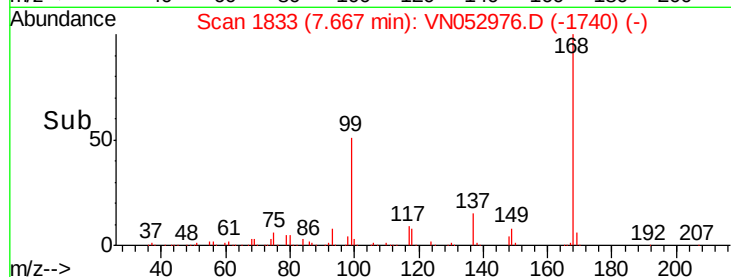
600000

400000

200000

0

Time-->



#13

Acrolein

Concen: 0.504 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN052976.D

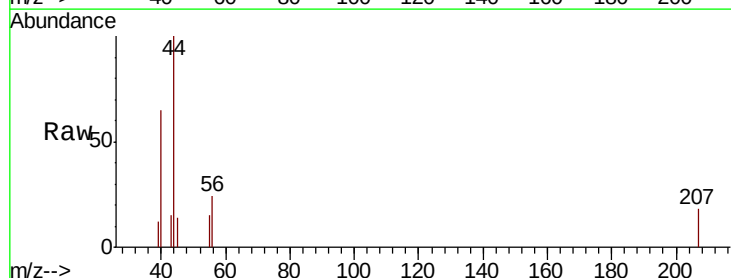
Acq: 18 Dec 2018 22:52

Tgt Ion: 56 Resp: 394

Ion Ratio Lower Upper

56 100

55 76.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

400

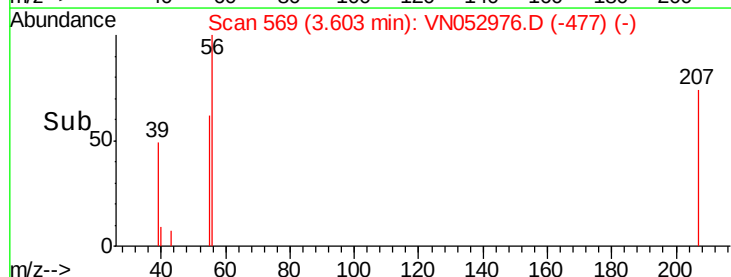
300

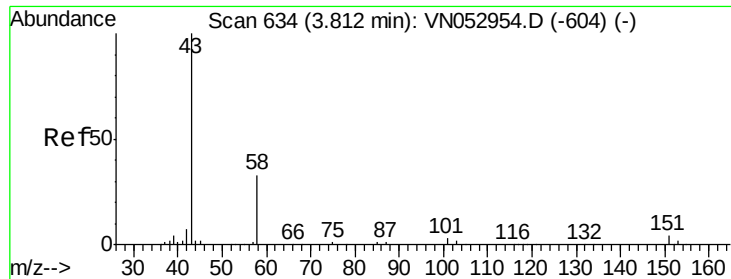
200

100

0

Time-->





#16

Acetone

Concen: 0.719 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

Instrument :

MSVOA_N

ClientSampled :

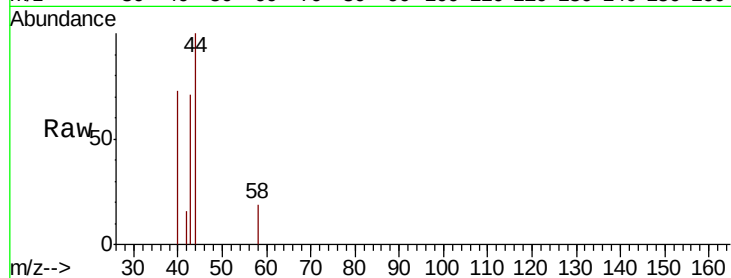
VN1218MBL02

Tot Ion: 43 Resp: 1990

Ion Ratio Lower Upper

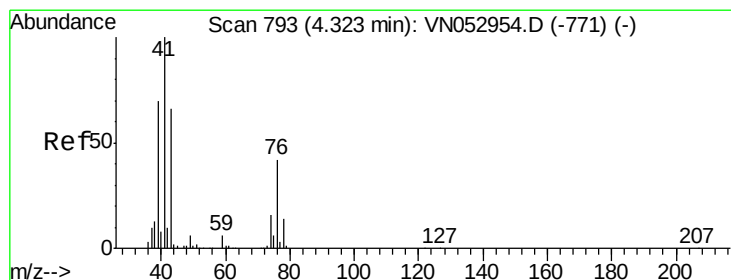
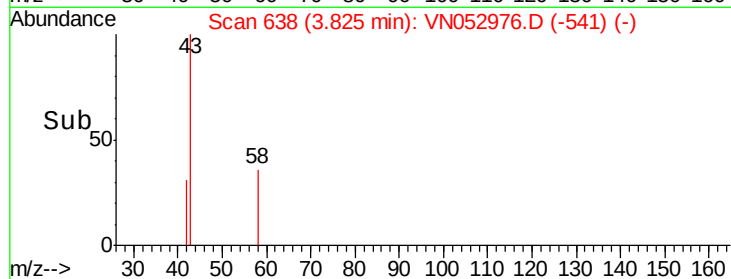
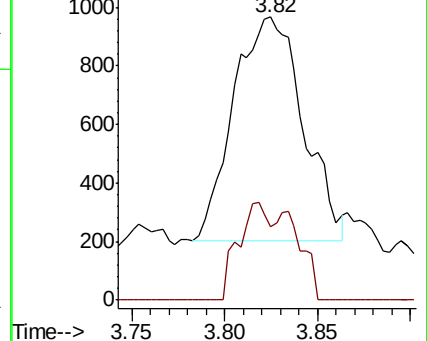
43 100

58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.314 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052976.D

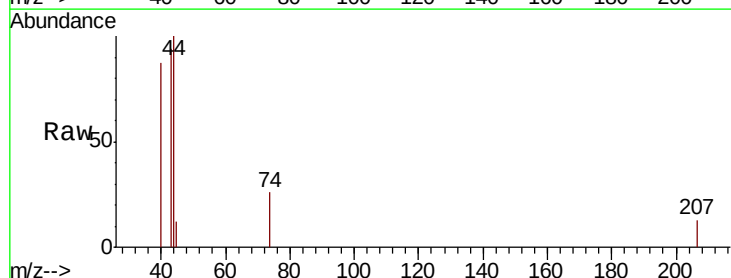
Acq: 18 Dec 2018 22:52

Tgt Ion: 43 Resp: 4127

Ion Ratio Lower Upper

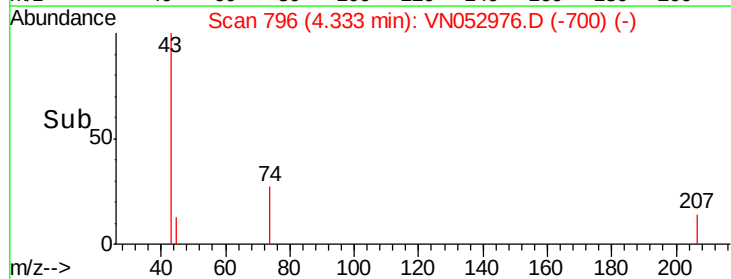
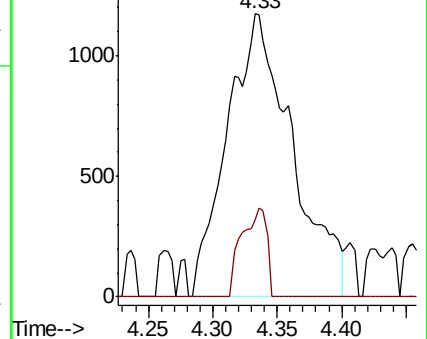
43 100

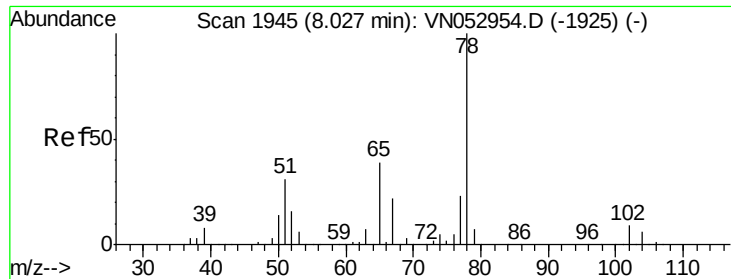
74 12.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

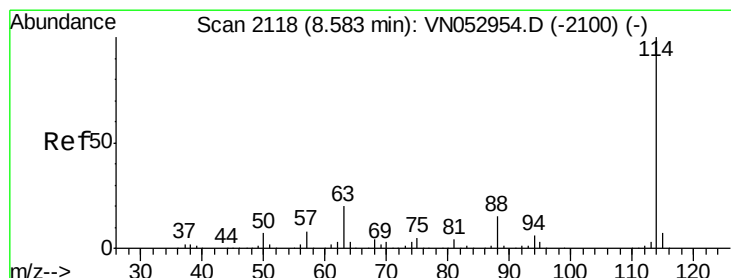
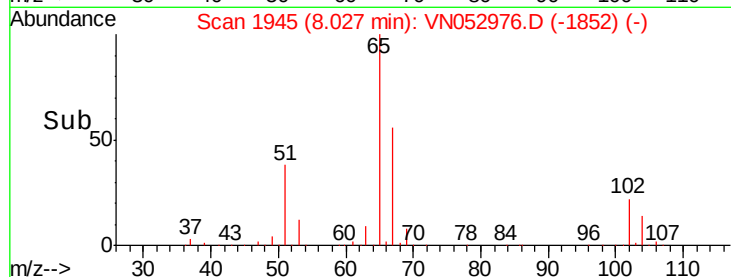
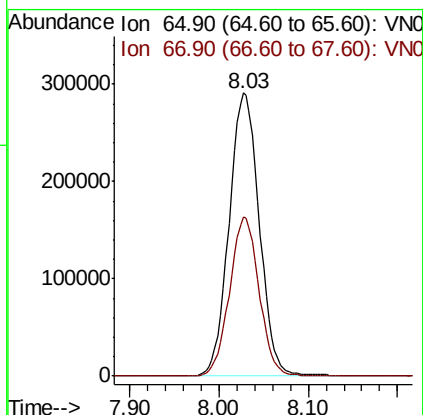
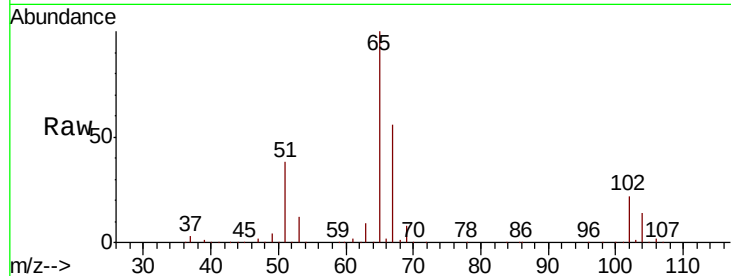




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052976.D
 Acq: 18 Dec 2018 22:52

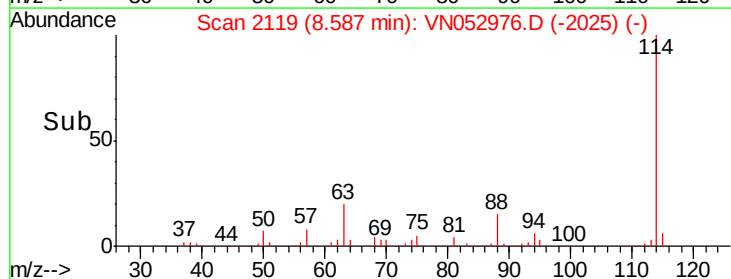
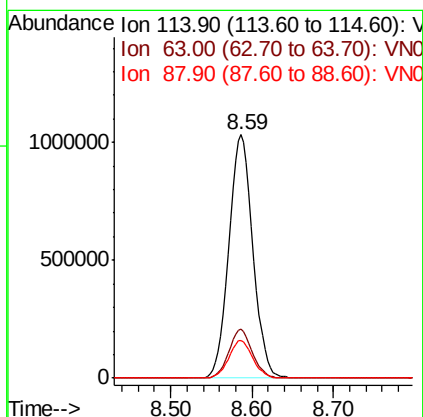
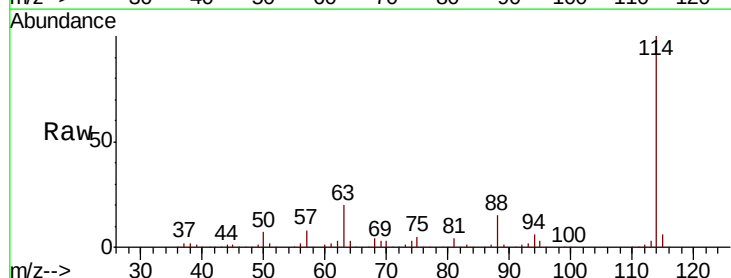
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBL02

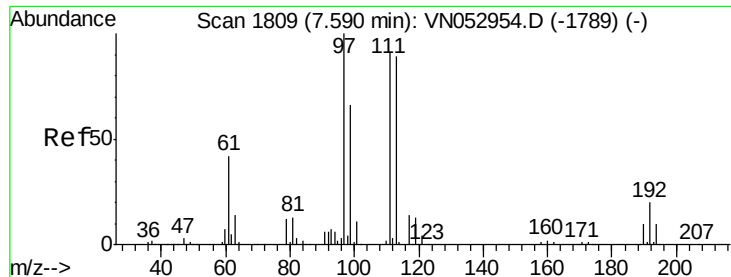
Tot Ion: 65 Resp: 682486
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052976.D
 Acq: 18 Dec 2018 22:52

Tgt Ion: 114 Resp: 2132001
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 31.0

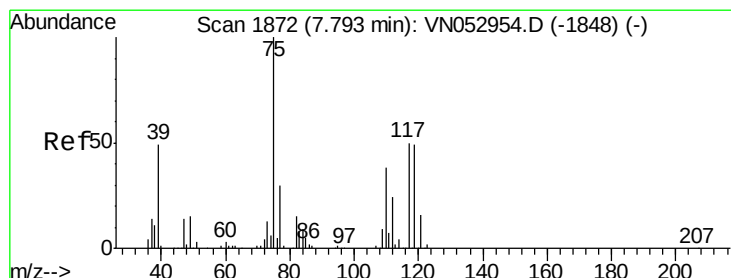
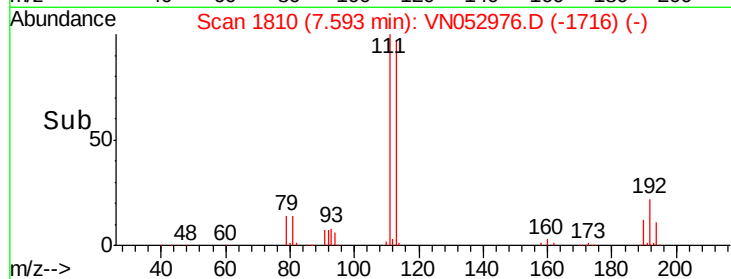
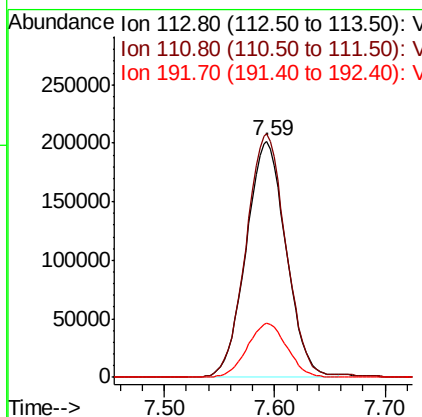
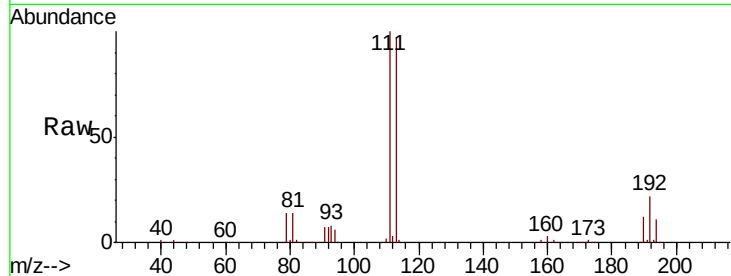




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052976.D
 Acq: 18 Dec 2018 22:52

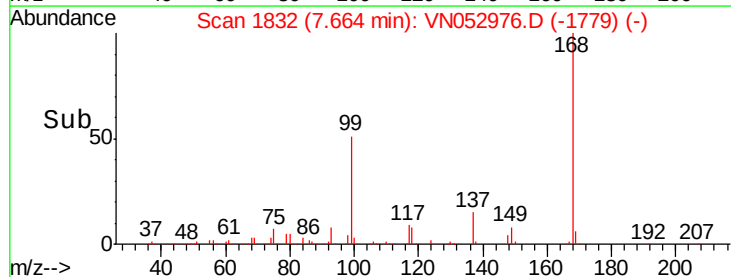
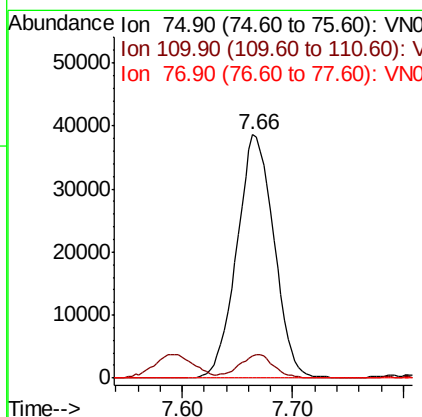
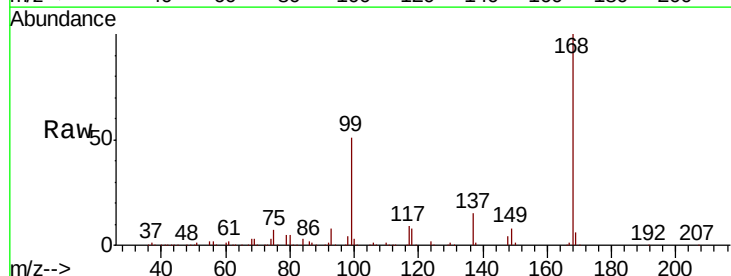
Instrument :
 MSVOA_N
 ClientSampled :
 VN1218MBL02

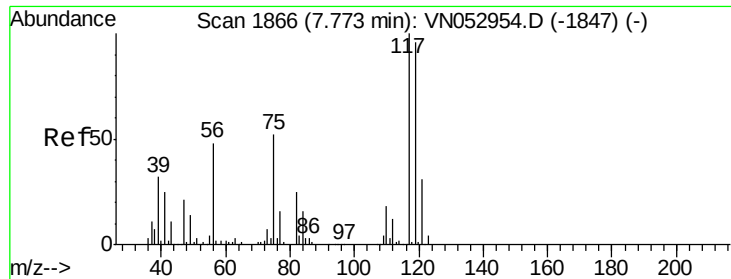
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.0	124.4
192	22.8	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.405 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052976.D
 Acq: 18 Dec 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.431 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

Instrument :

MSVOA_N

ClientSampleId :

VN1218MBL02

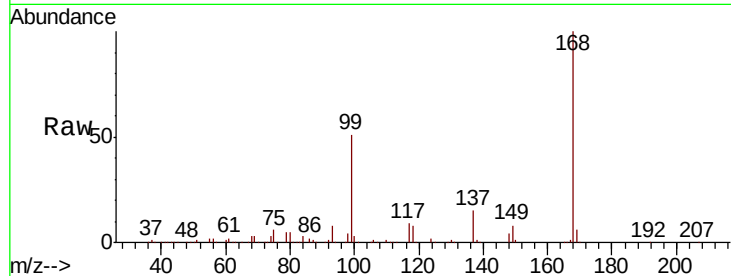
Tot Ion:117 Resp: 120632

Ion Ratio Lower Upper

117 100

119 4.7 77.1 115.7#

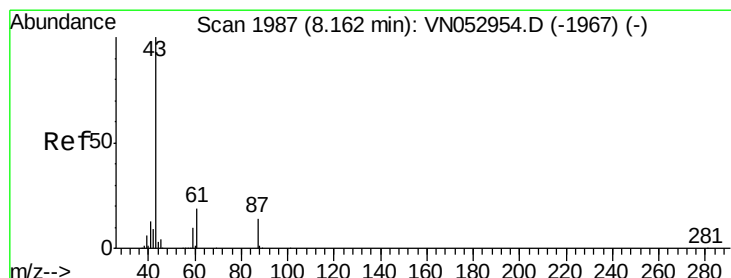
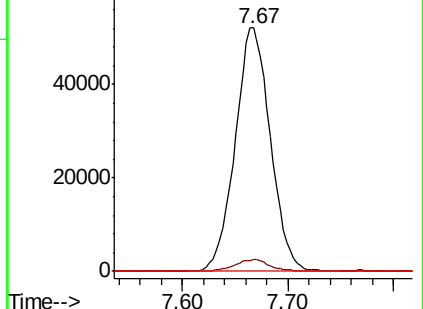
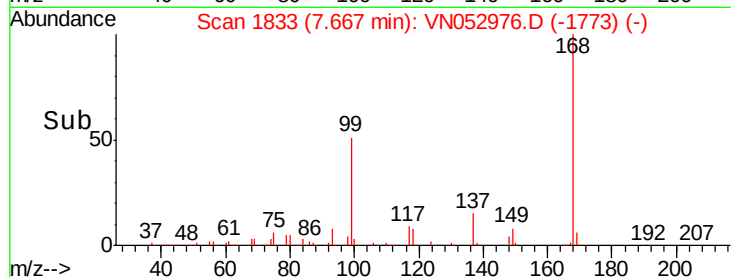
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 12.599 ug/l

RT: 8.34 min Scan# 2041

Delta R.T. 0.17 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

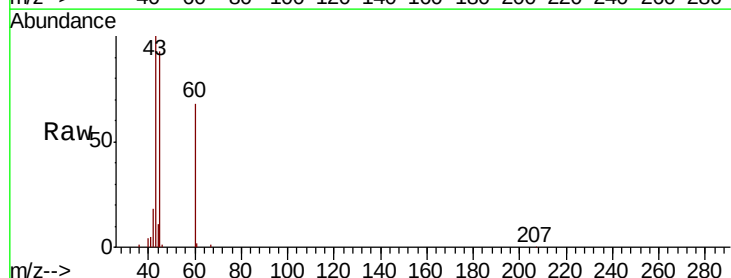
Tgt Ion: 43 Resp: 295792

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

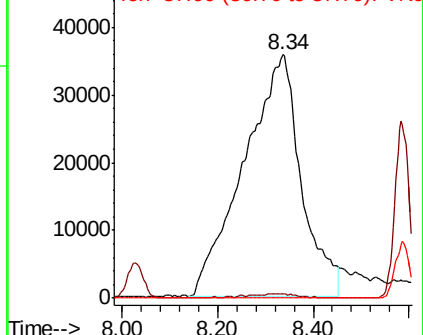
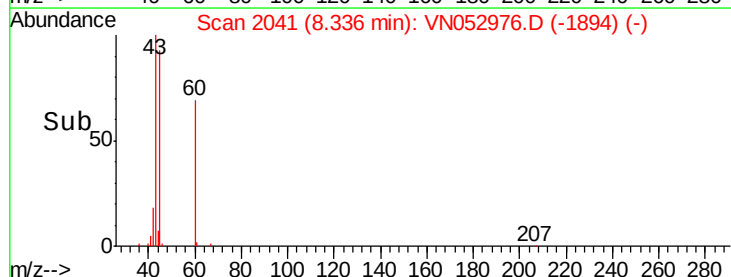
87 0.0 10.6 15.8#

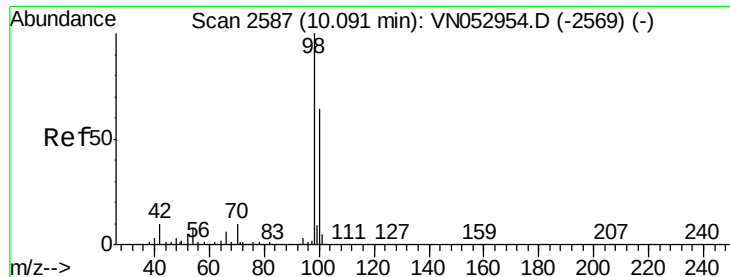


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

Instrument :

MSVOA_N

ClientSampleId :

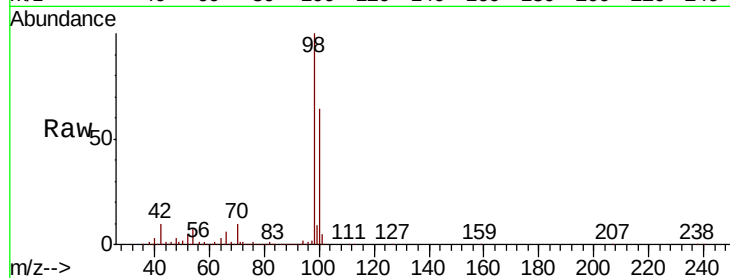
VN1218MBL02

Tot Ion: 98 Resp: 2596123

Ion Ratio Lower Upper

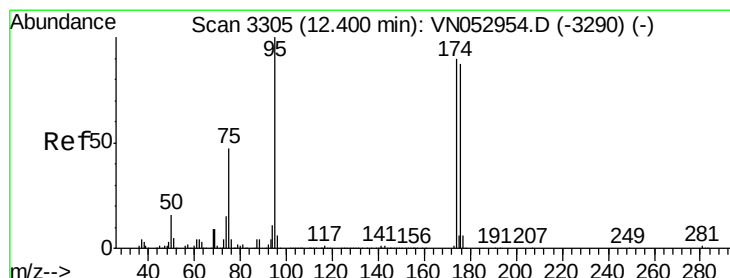
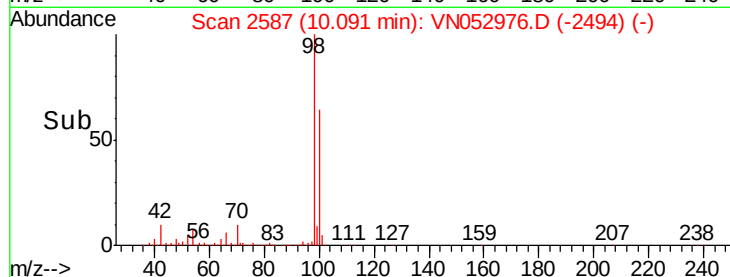
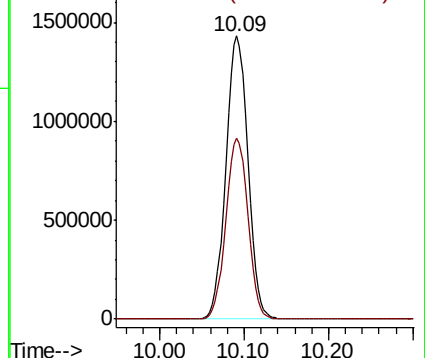
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

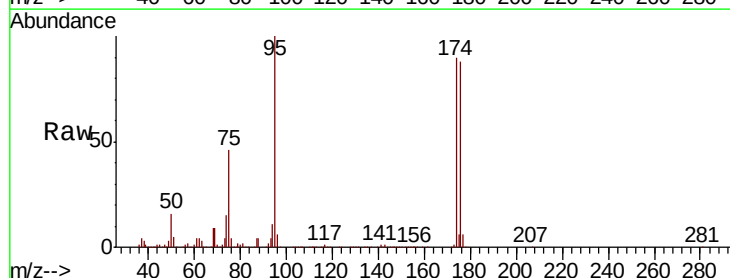
Tgt Ion: 95 Resp: 847865

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.8

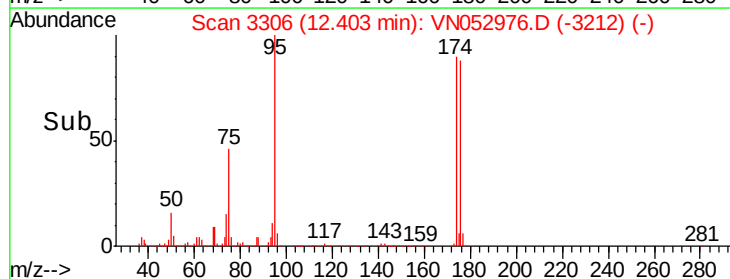
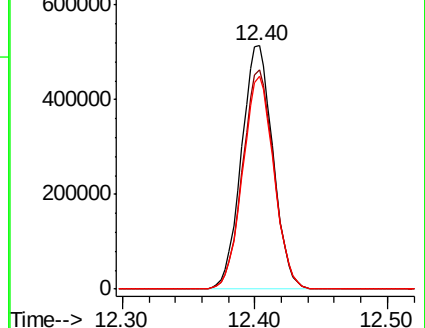
176 86.8 0.0 173.8

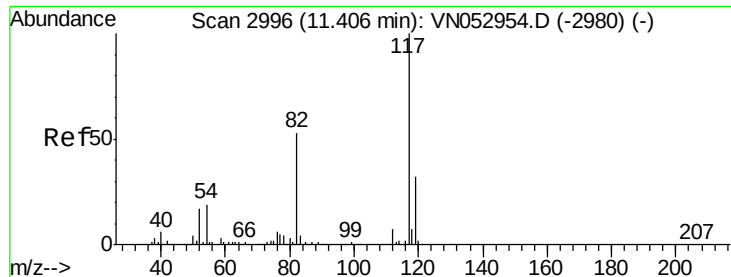


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

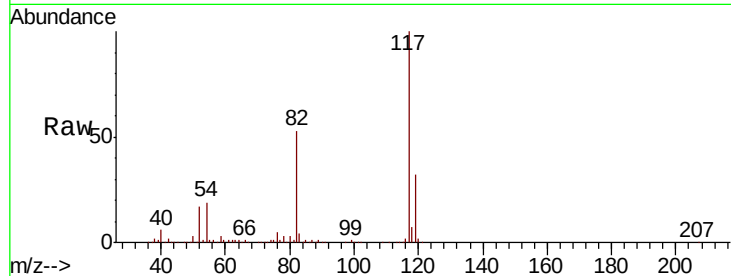




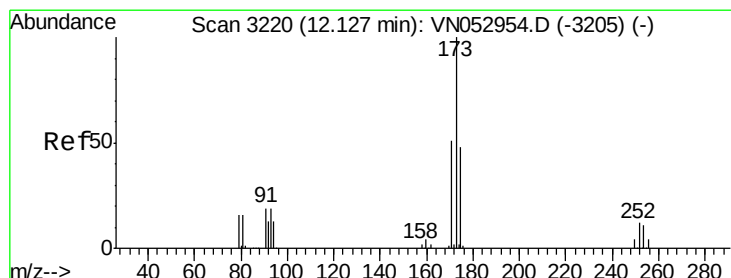
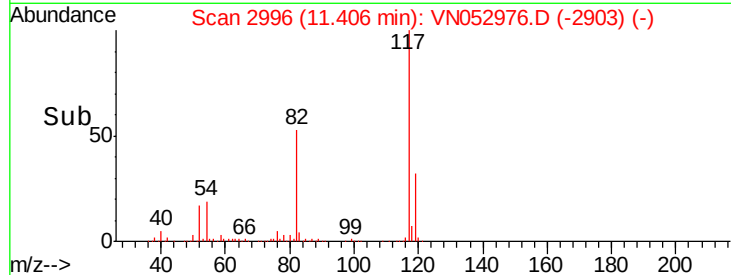
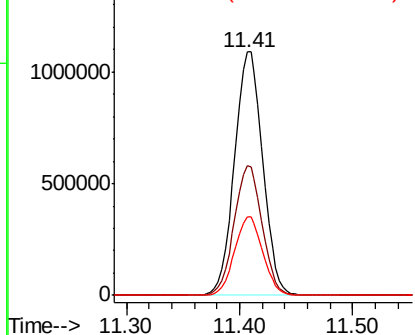
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052976.D
Acq: 18 Dec 2018 22:52

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBL02

Tot Ion:117 Resp: 1891211
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.4 25.5 38.3

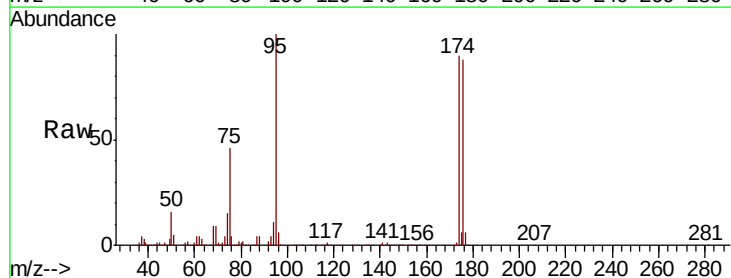


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

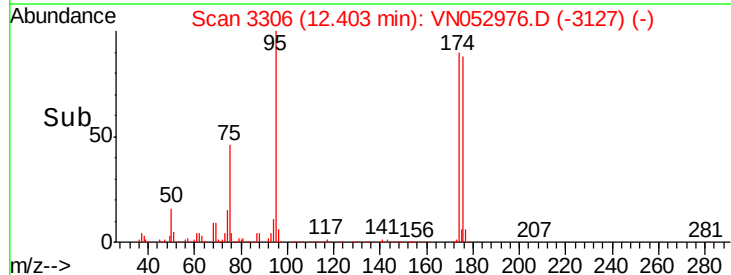
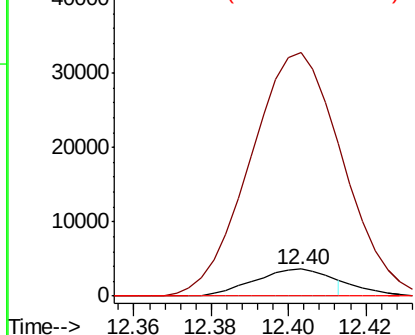


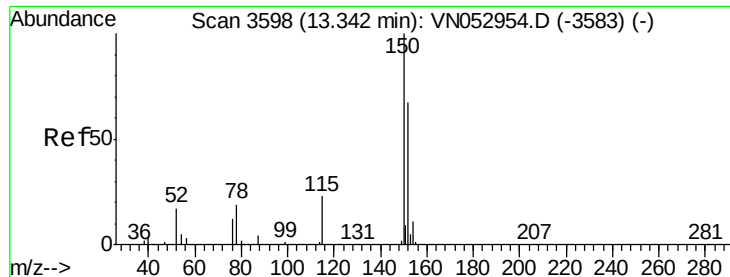
#71
Bromoform
Concen: 0.465 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052976.D
Acq: 18 Dec 2018 22:52

Tgt Ion:173 Resp: 4901
Ion Ratio Lower Upper
173 100
175 965.0 24.3 72.9#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

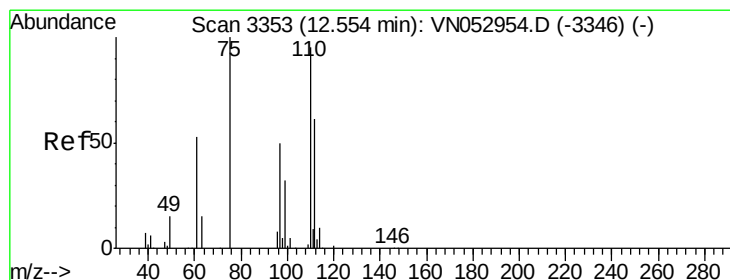
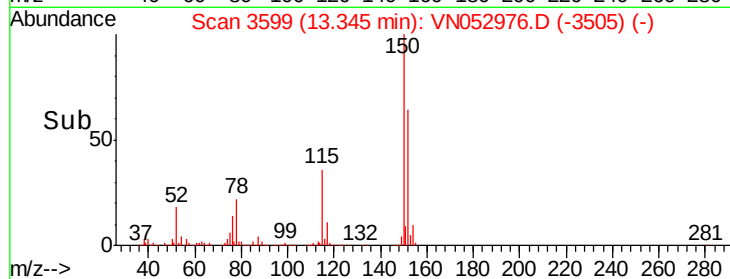
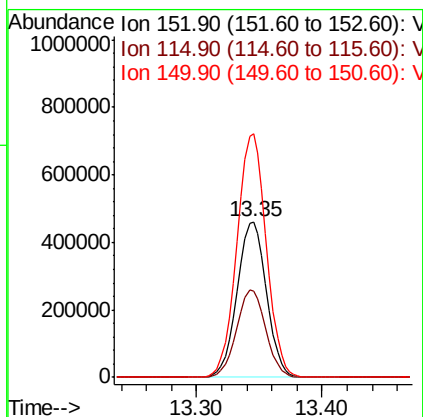
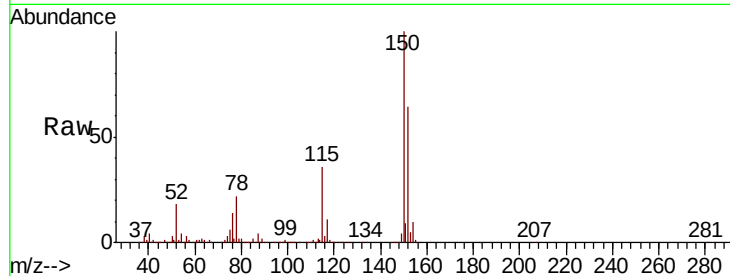




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN052976.D
 Acq: 18 Dec 2018 22:52

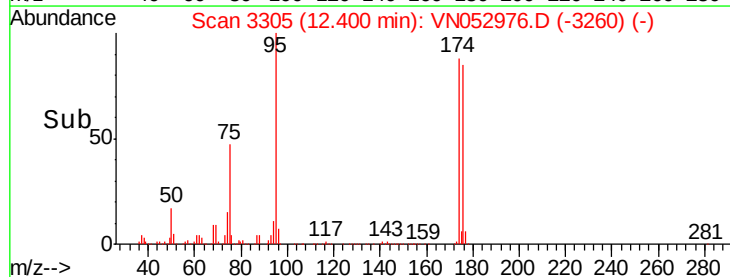
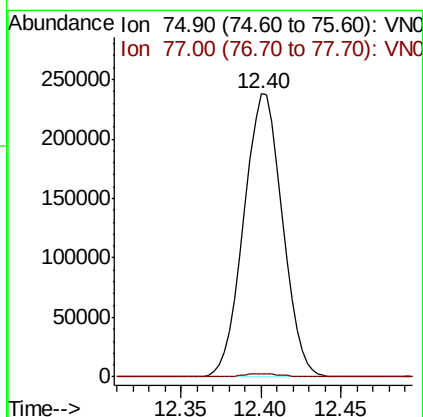
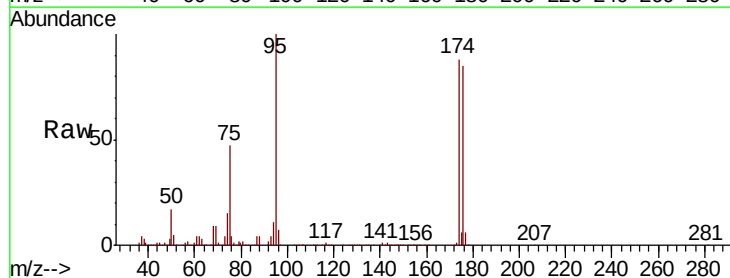
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBL02

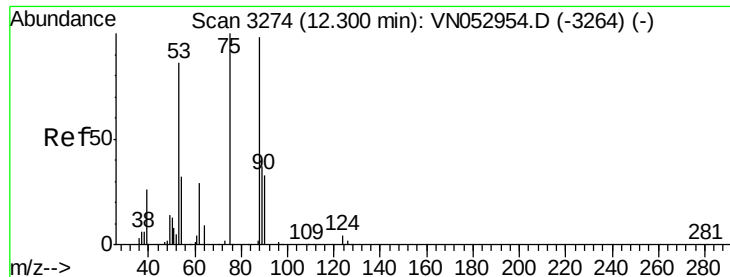
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.3	85.0
150	156.6	0.0	347.8



#76
 1,2,3-Trichloropropane
 Concen: 31.244 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN052976.D
 Acq: 18 Dec 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 100.702 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

Instrument :

MSVOA_N

ClientSampleId :

VN1218MBL02

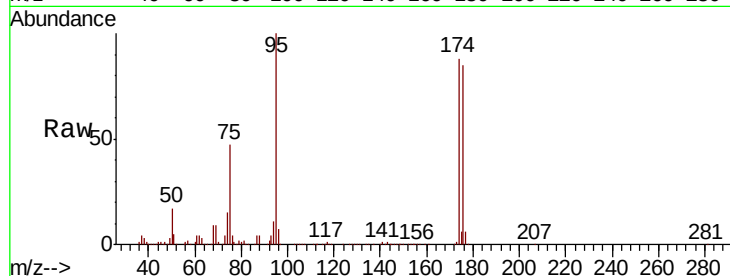
Tot Ion: 75 Resp: 393044

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

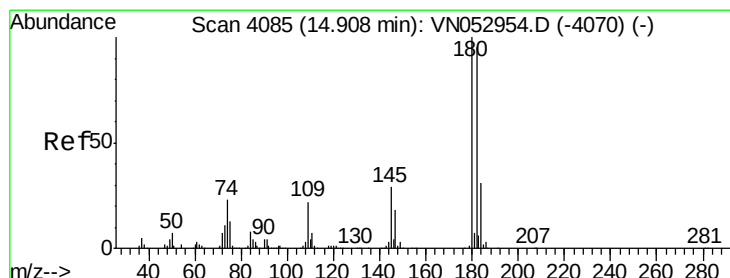
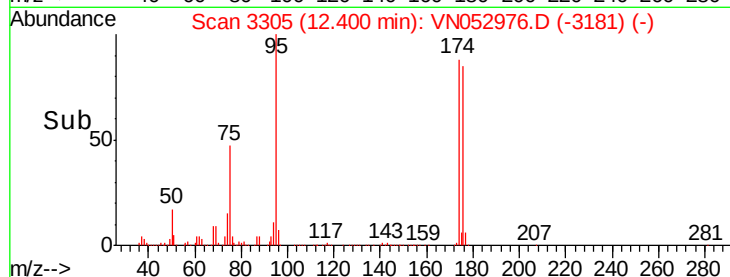
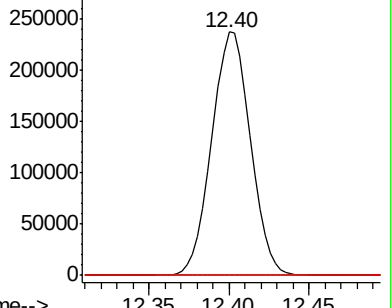
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052976.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN052976.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN052976.D (-3305) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.702 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

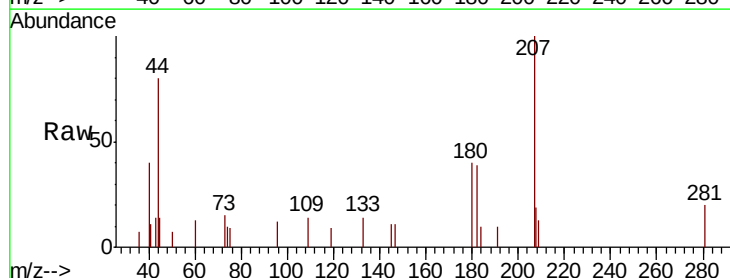
Tgt Ion: 180 Resp: 1433

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.3

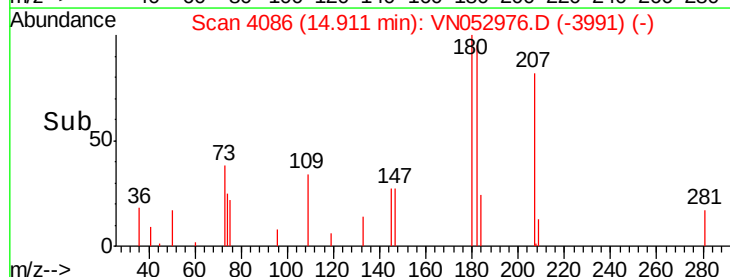
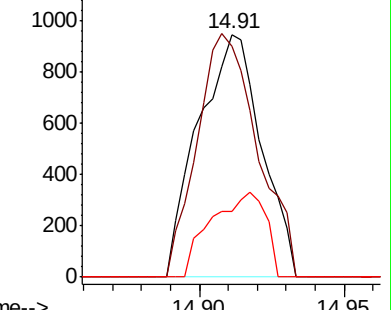
145 30.1 14.2 42.6

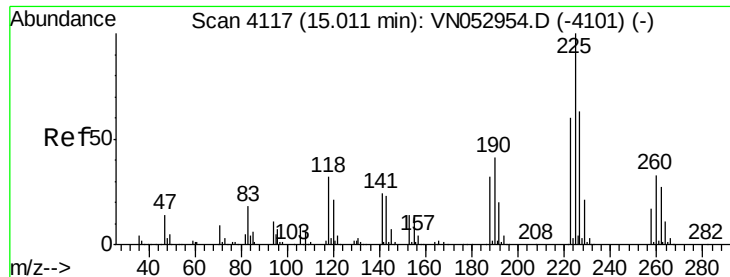


Abundance Ion 179.80 (179.50 to 180.50): VN052976.D (-4086) (-)

Ion 181.80 (181.50 to 182.50): VN052976.D (-4086) (-)

Ion 144.80 (144.50 to 145.50): VN052976.D (-4086) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

Instrument :

MSVOA_N

ClientSampleId :

VN1218MBL02

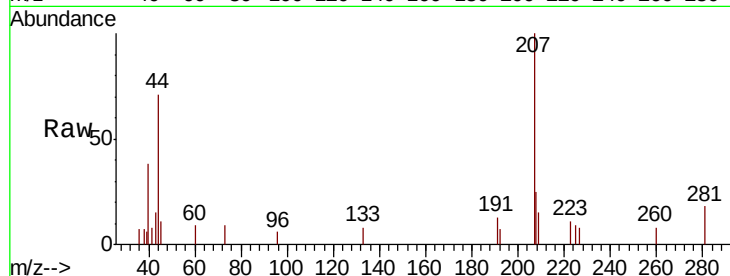
Tot Ion:225 Resp: 244

Ion Ratio Lower Upper

225 100

223 71.7 31.5 94.5

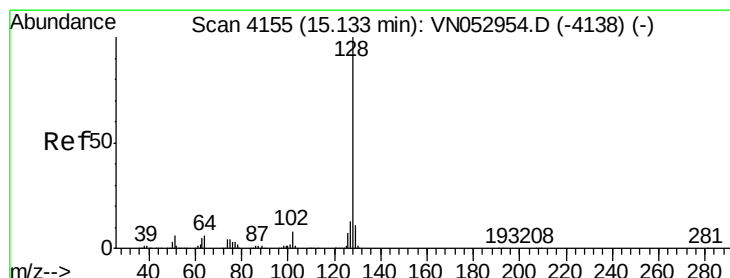
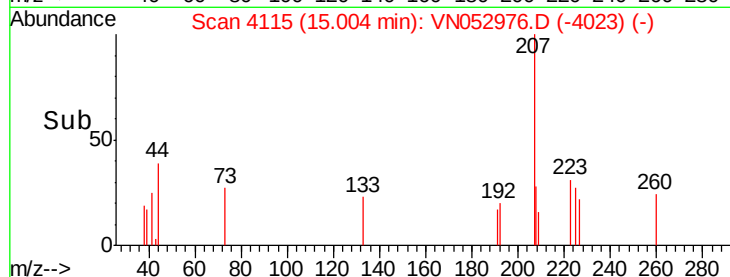
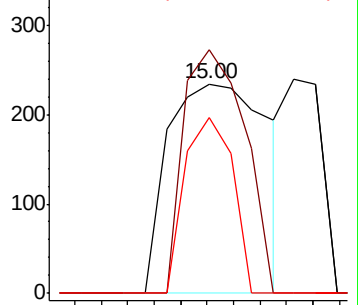
227 40.6 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.255 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052976.D

Acq: 18 Dec 2018 22:52

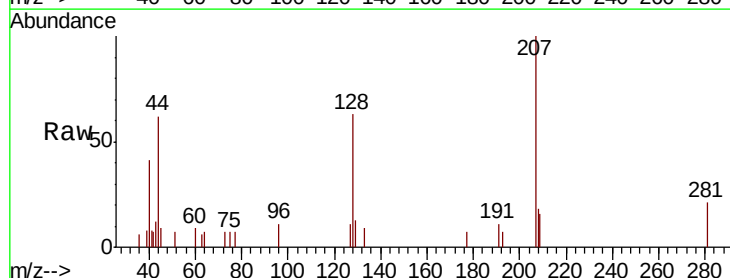
Tgt Ion:128 Resp: 3269

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

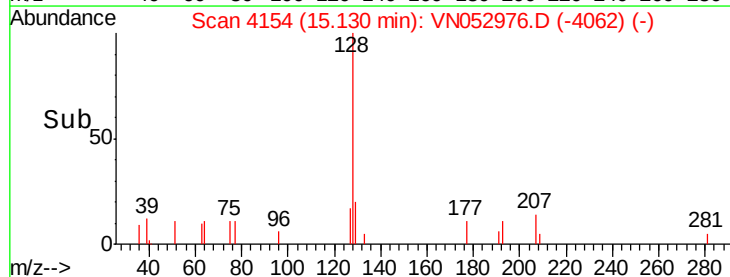
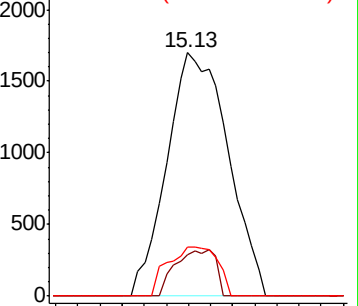
129 16.4 8.6 13.0#

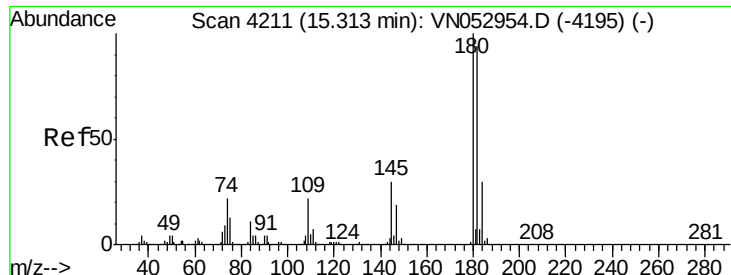


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.621 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN052976.D
 Acq: 18 Dec 2018 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBL02

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.1	47.9	143.7
145	21.5	15.0	45.0

