

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052030.D
 Acq On : 26 Oct 2018 16:07
 Operator : MD\SY
 Sample : PB114195ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#07

Quant Time: Oct 26 23:23:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

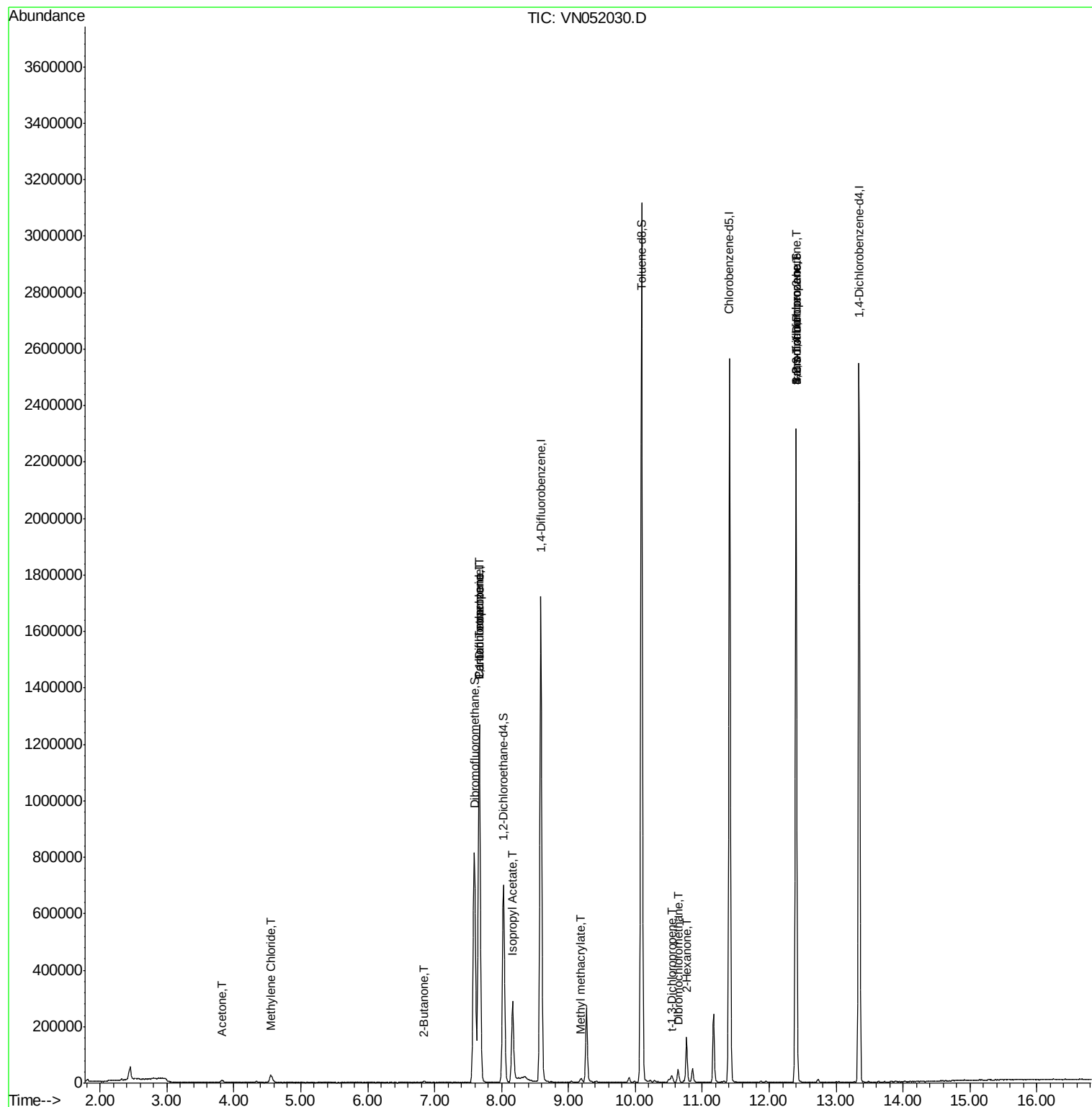
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1149272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1676025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1606805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	749136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	590590	57.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.40%	
35) Dibromofluoromethane	7.59	113	615058	57.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.02%	
50) Toluene-d8	10.09	98	2290682	59.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.54%	
62) 4-Bromofluorobenzene	12.40	95	726944	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	8854	5.250	ug/l	91
18) Methyl Acetate	4.33	43	4597	Below Cal		94
20) Methylene Chloride	4.55	84	22476	2.272	ug/l	92
25) 2-Butanone	6.84	43	2533	1.054	ug/l #	84
31) Cyclohexane	7.66	56	16411	Below Cal	#	6
36) 1,1-Dichloropropene	7.67	75	63835	4.965	ug/l #	47
37) Ethyl Acetate	6.92	43	255	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	100666	6.820	ug/l #	16
43) Isopropyl Acetate	8.17	43	327123	30.382	ug/l	98
48) Methyl methacrylate	9.18	41	7217	1.387	ug/l #	7
53) t-1,3-Dichloropropene	10.54	75	108	1.252	ug/l #	1
59) 2-Hexanone	10.76	43	20658	5.191	ug/l #	52
60) Dibromochloromethane	10.64	129	30	1.980	ug/l #	11
71) Bromoform	12.40	173	6656	4.407	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	354236	45.778	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	354236	144.047	ug/l #	12

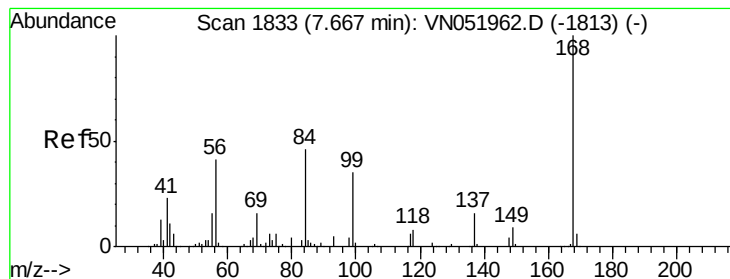
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102618\
Data File : VN052030.D
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Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 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: VN052030.D

Acq: 26 Oct 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

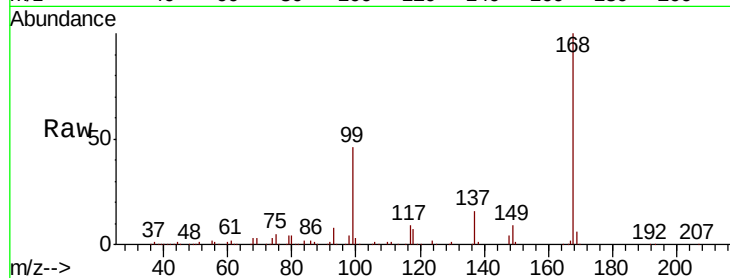
PB114195ZHE#07

Tot Ion:168 Resp: 1149272

Ion Ratio Lower Upper

168 100

99 46.4 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

500000

400000

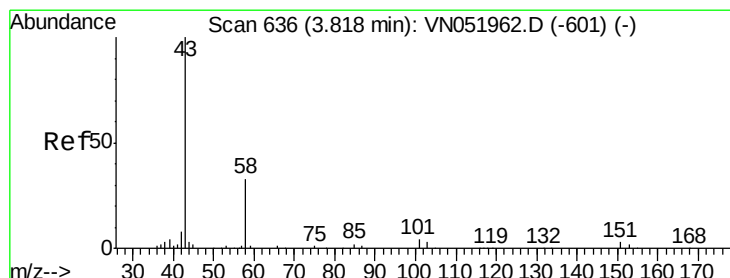
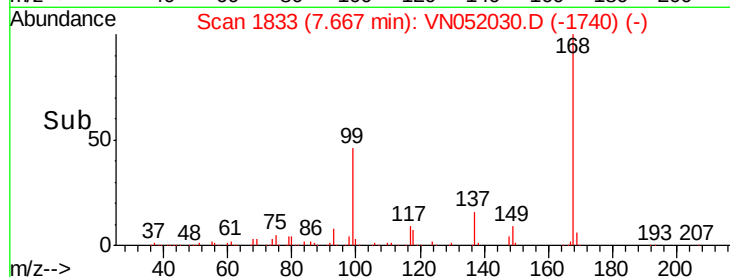
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.250 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN052030.D

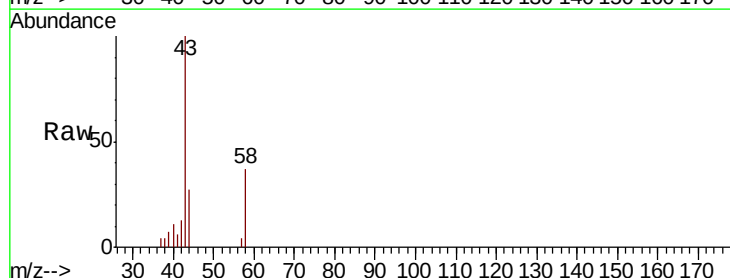
Acq: 26 Oct 2018 16:07

Tgt Ion: 43 Resp: 8854

Ion Ratio Lower Upper

43 100

58 38.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-601) (-)

3.82

5000

4000

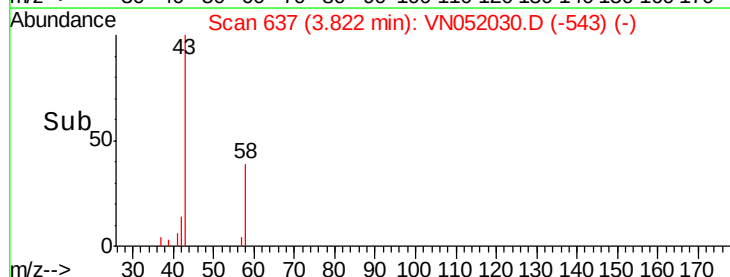
3000

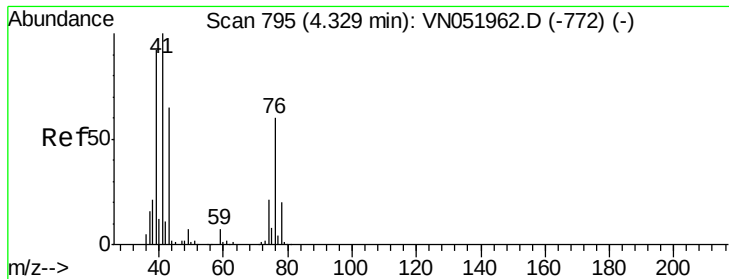
2000

1000

0

Time-->

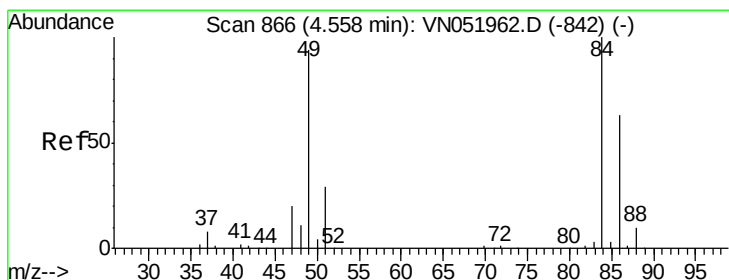
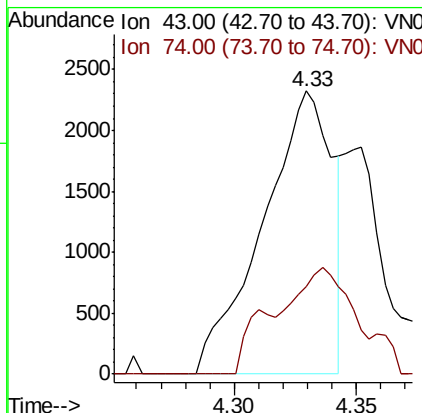
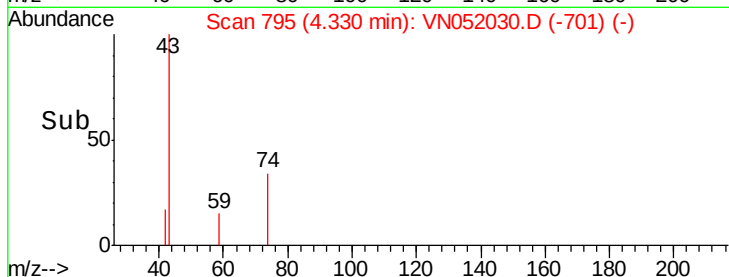
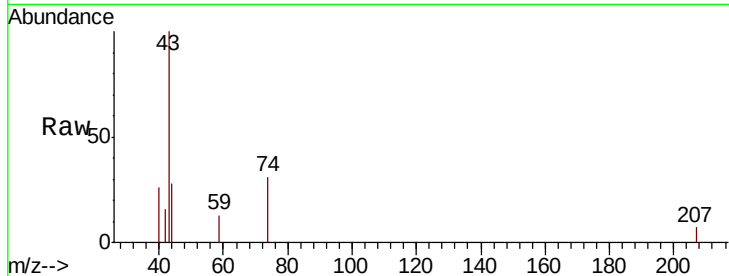




#18
Methvl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

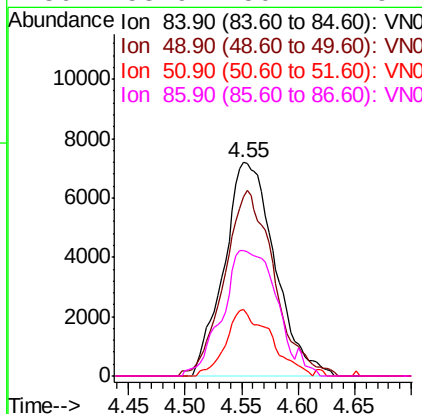
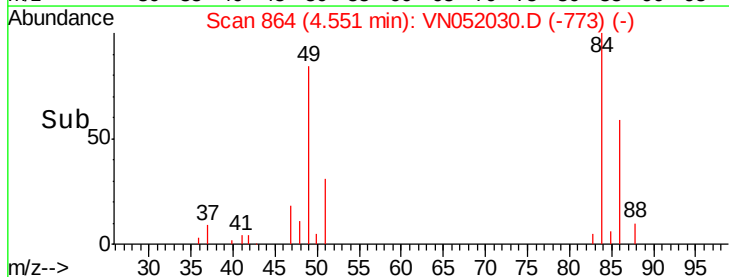
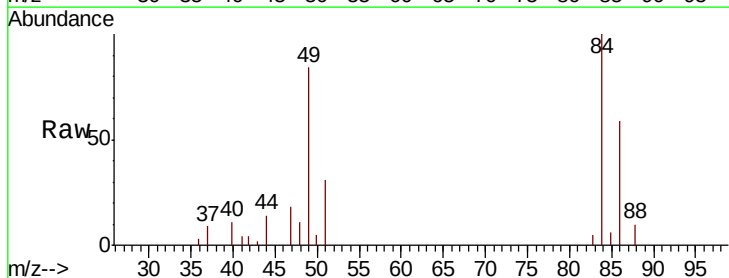
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#07

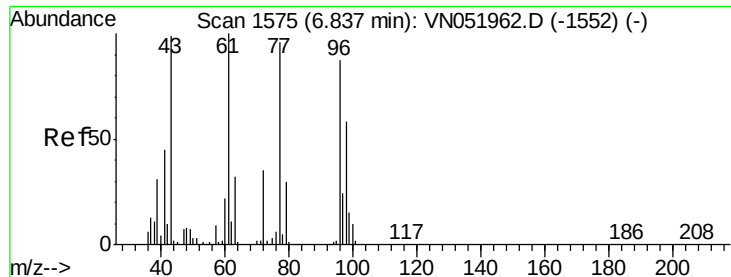
Tot Ion: 43 Resp: 4597
Ion Ratio Lower Upper
43 100
74 35.3 25.7 38.5



#20
Methylene Chloride
Concen: 2.272 ug/l
RT: 4.55 min Scan# 866
Delta R.T. -0.01 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

Tgt Ion: 84 Resp: 22476
Ion Ratio Lower Upper
84 100
49 83.9 75.4 113.0
51 31.0 23.1 34.7
86 58.9 50.2 75.4

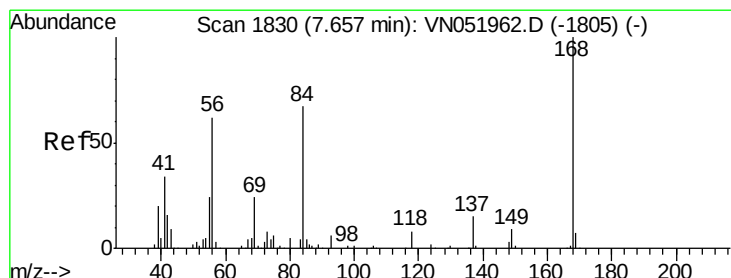
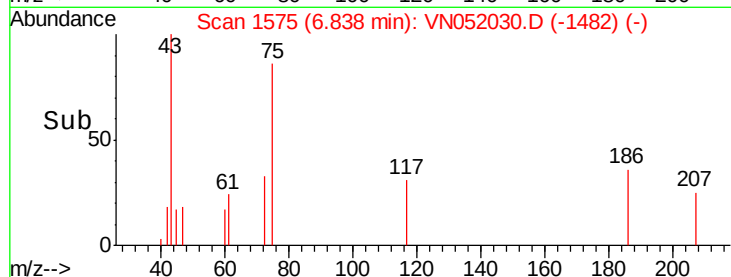
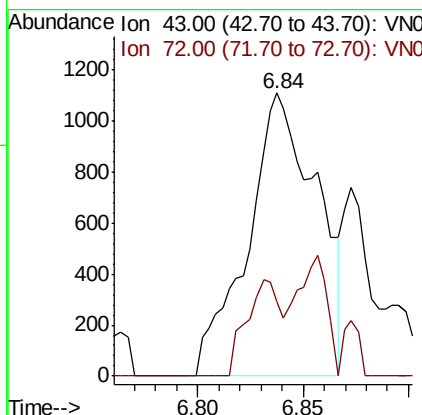
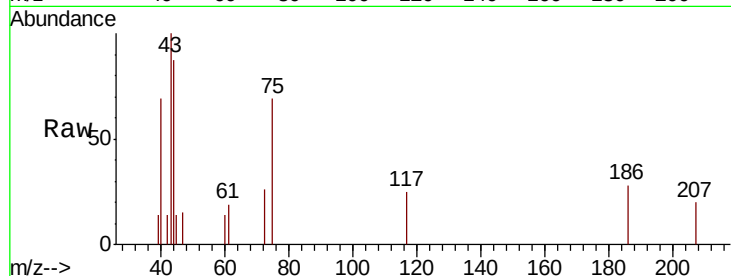




#25
2-Butanone
Concen: 1.054 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

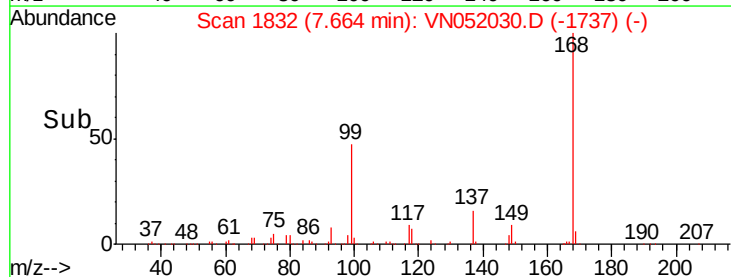
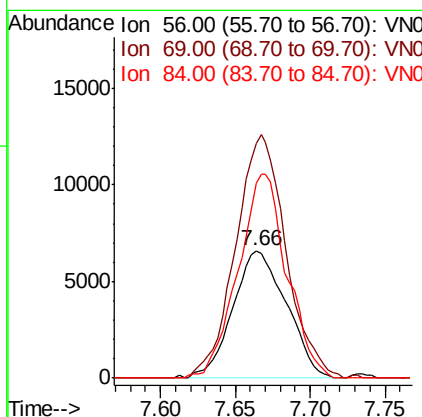
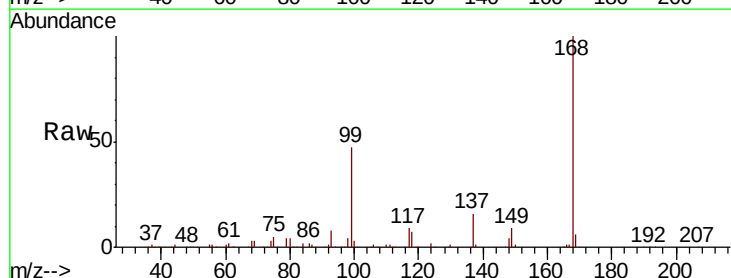
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#07

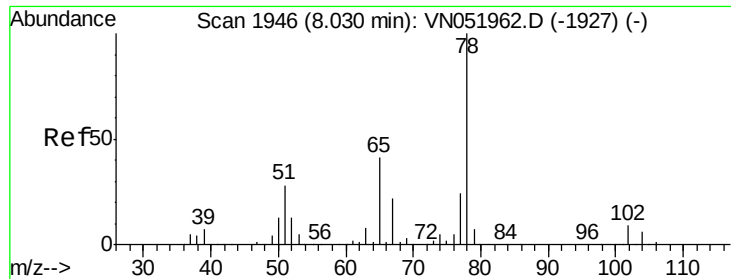
Tot Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
72 26.4 28.5 42.7#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

Tgt Ion: 56 Resp: 16411
Ion Ratio Lower Upper
56 100
69 183.7 31.2 46.8#
84 152.5 86.3 129.5#

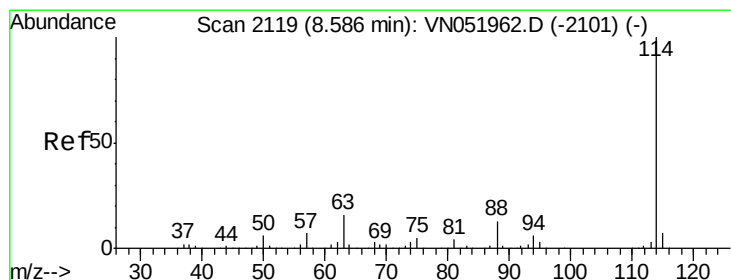
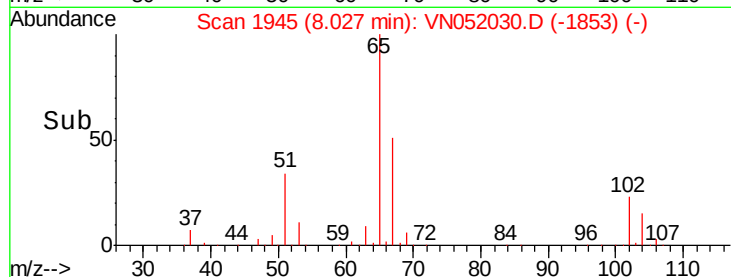
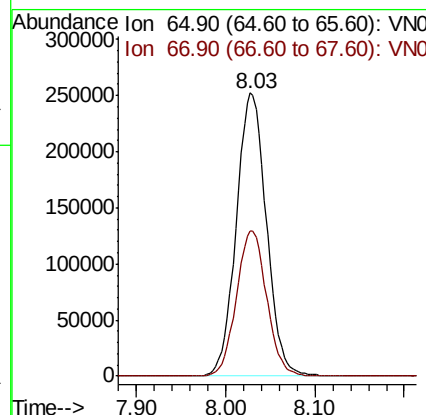
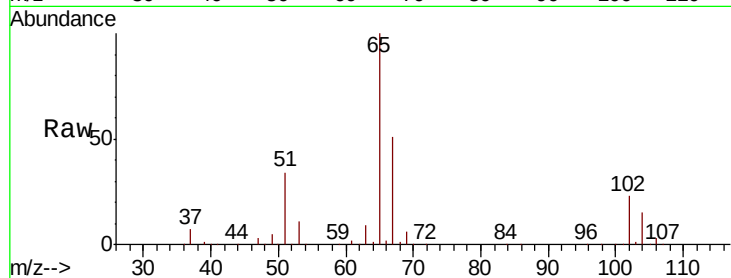




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052030.D
 Acq: 26 Oct 2018 16:07

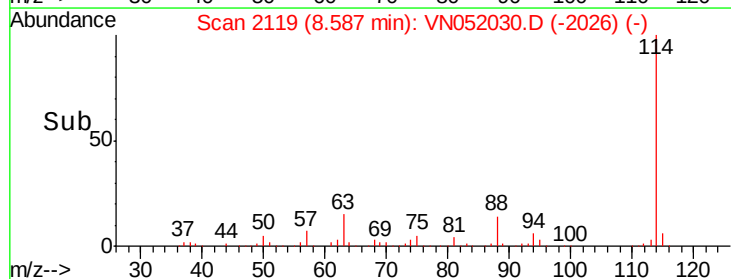
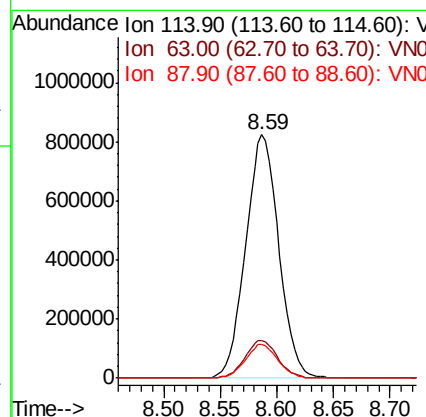
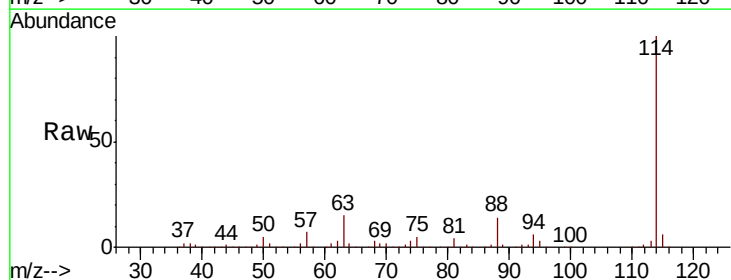
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#07

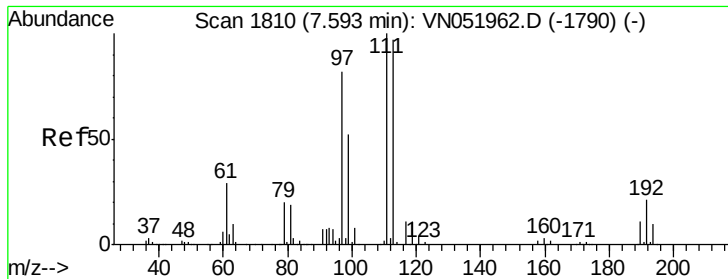
Tot Ion: 65 Resp: 590590
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052030.D
 Acq: 26 Oct 2018 16:07

Tgt Ion: 114 Resp: 1676025
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.2
 88 14.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#07

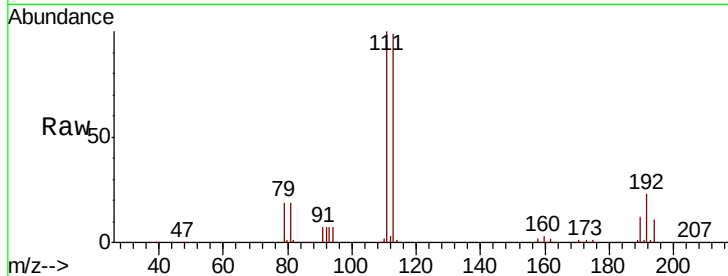
Tot Ion:113 Resp: 615058

Ion Ratio Lower Upper

113 100

111 101.6 80.7 121.1

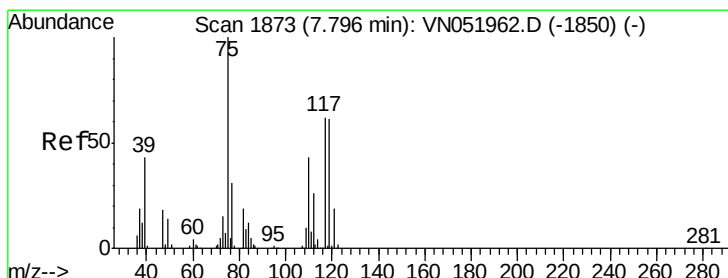
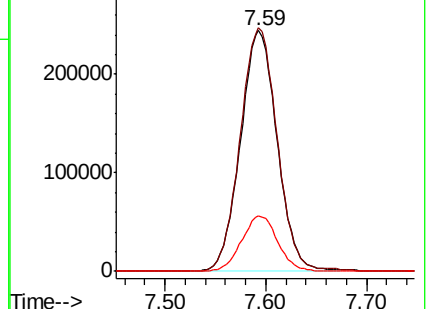
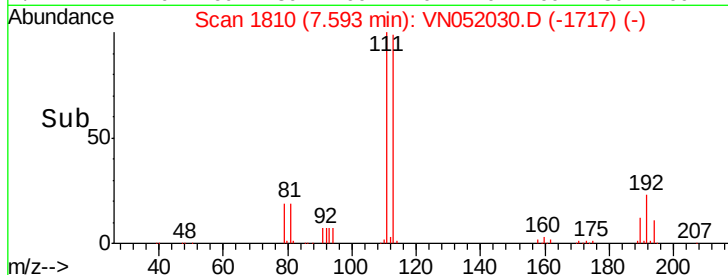
192 22.7 17.2 25.8



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



#36

1,1-Dichloropropene

Concen: 4.965 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

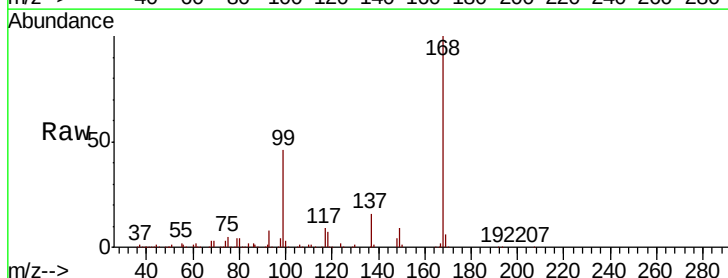
Tgt Ion: 75 Resp: 63835

Ion Ratio Lower Upper

75 100

110 10.5 20.9 62.8#

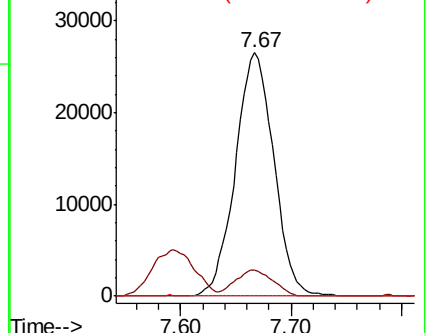
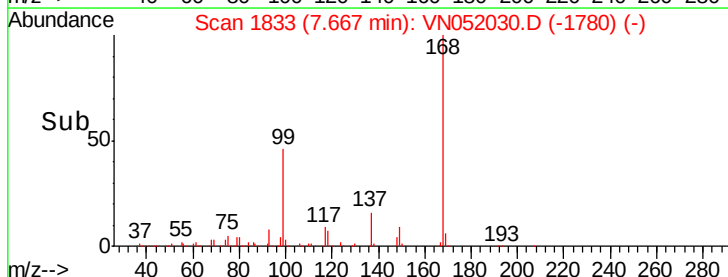
77 0.0 24.9 37.3#

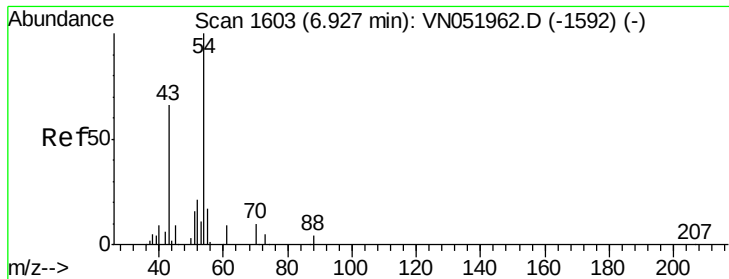


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





#37

Ethyl Acetate

Concen: Below Cal

RT: 6.92 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#07

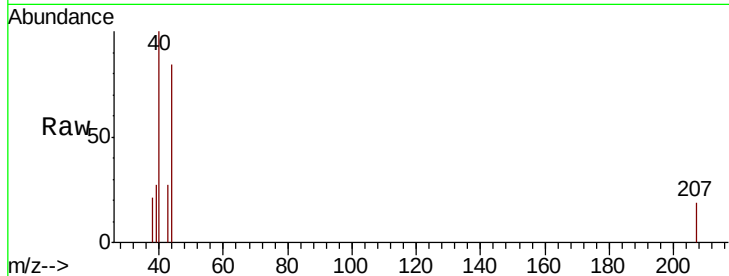
Tot Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

61 0.0 13.5 20.3#

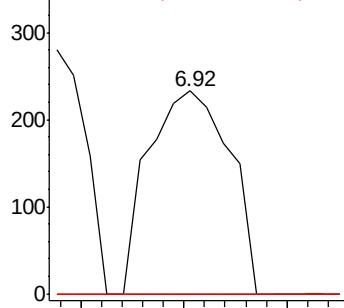
70 0.0 9.8 14.6#



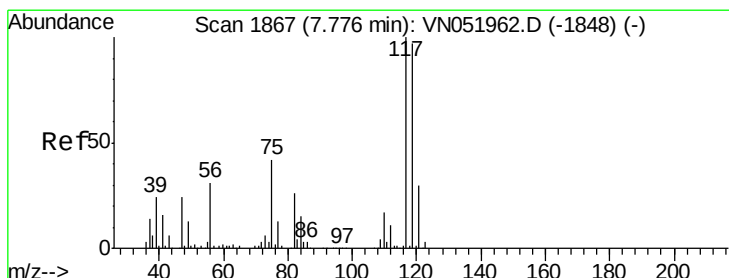
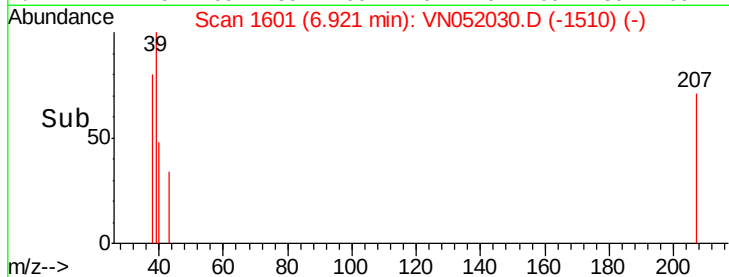
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



Time-->



#38

Carbon Tetrachloride

Concen: 6.820 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

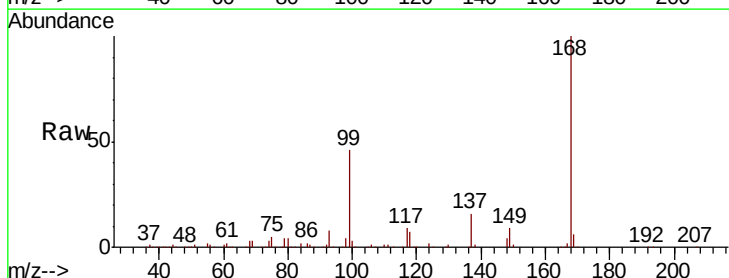
Tgt Ion: 117 Resp: 100666

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

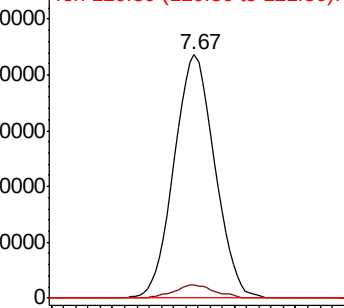
121 0.0 24.2 36.4#



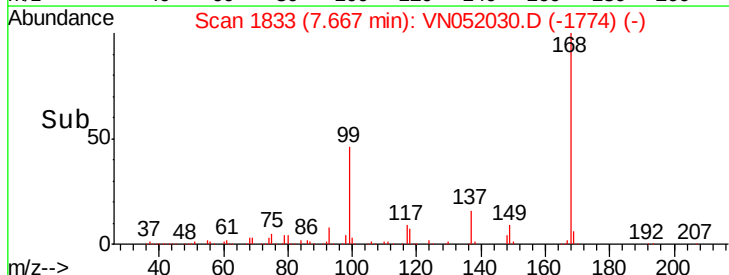
Abundance Ion 116.80 (116.50 to 117.50): V

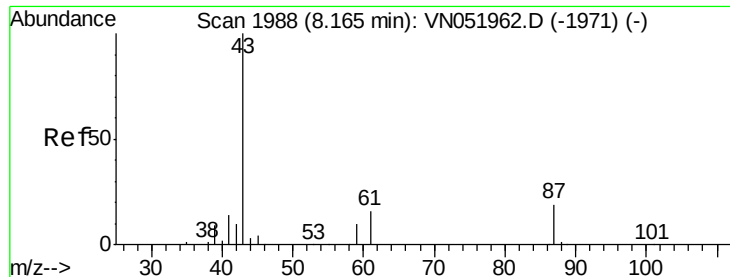
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->





#43

Isopropyl Acetate

Concen: 30.382 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#07

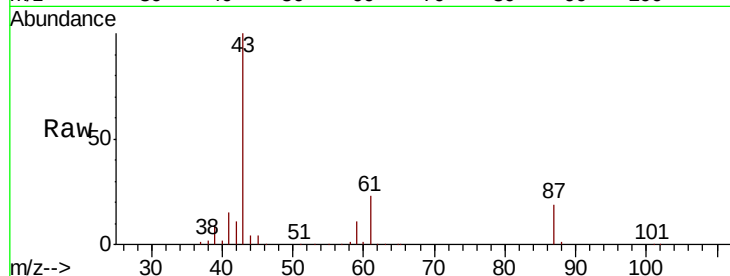
Tot Ion: 43 Resp: 327123

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

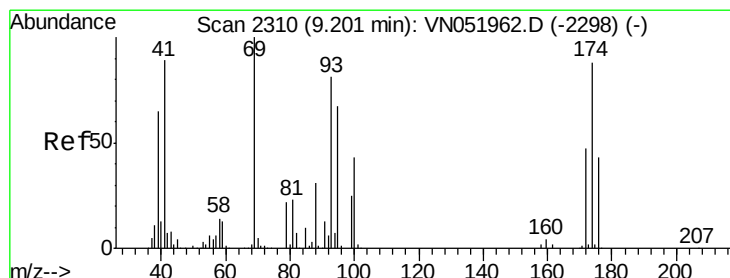
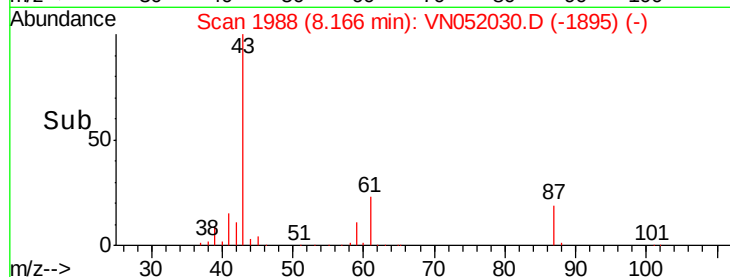
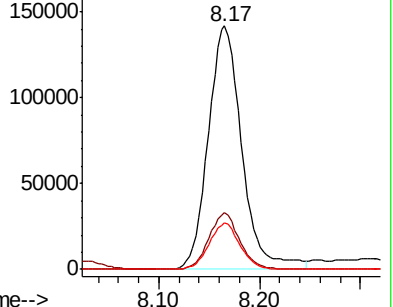
87 17.5 15.2 22.8



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



#48

Methyl methacrylate

Concen: 1.387 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.03 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

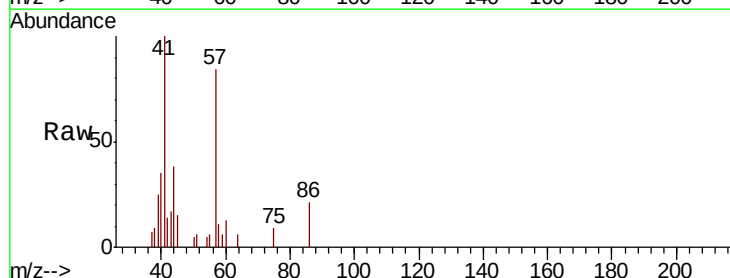
Tgt Ion: 41 Resp: 7217

Ion Ratio Lower Upper

41 100

69 0.0 92.2 138.4#

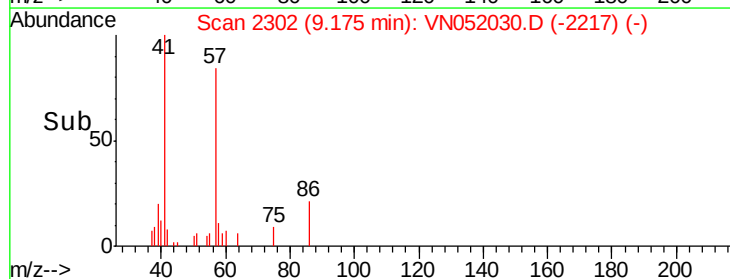
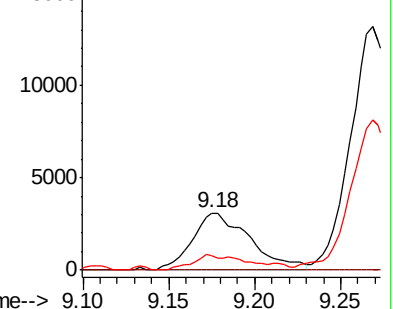
39 13.4 60.2 90.4#

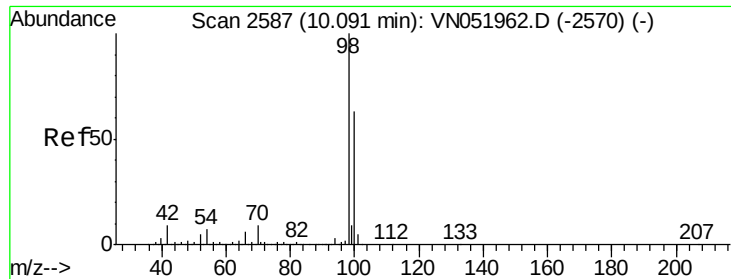


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

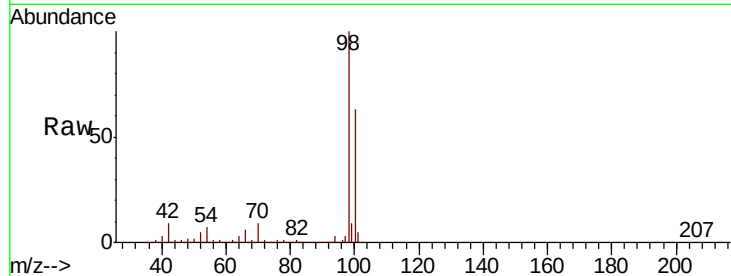
PB114195ZHE#07

Tot Ion: 98 Resp: 2290682

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN051962.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051962.D (-2570) (-)

10.09

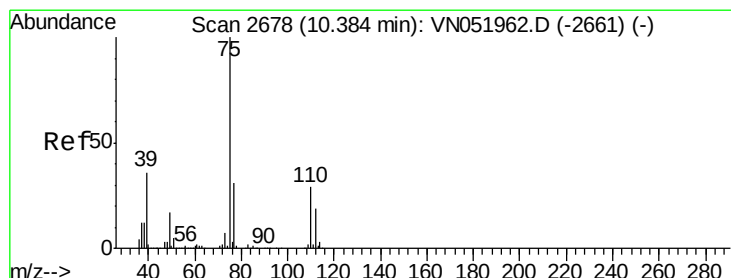
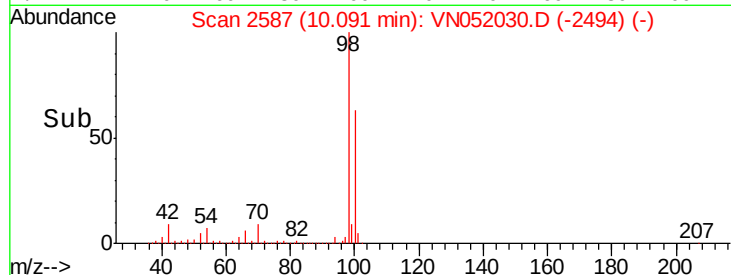
1500000

1000000

500000

0

Time-->



#53

t-1,3-Dichloropropene

Concen: 1.252 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.16 min

Lab File: VN052030.D

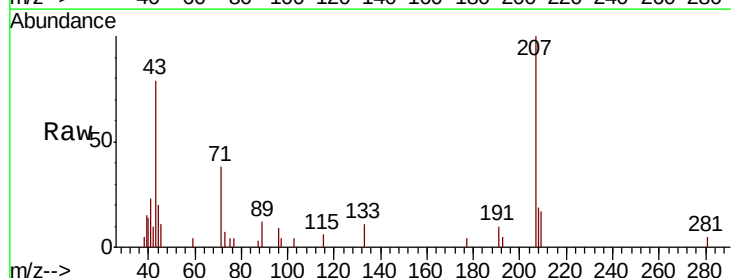
Acq: 26 Oct 2018 16:07

Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

77 104.9 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN051962.D (-2661) (-)

Ion 76.90 (76.60 to 77.60): VN051962.D (-2661) (-)

10.54

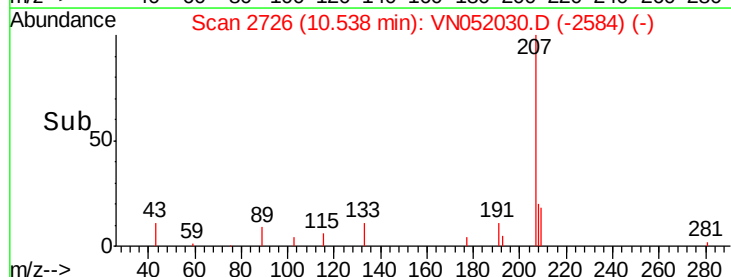
300

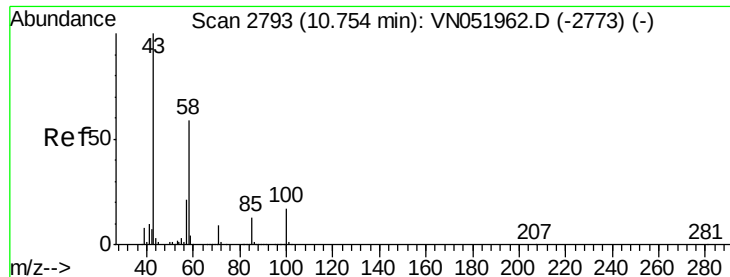
200

100

0

Time-->

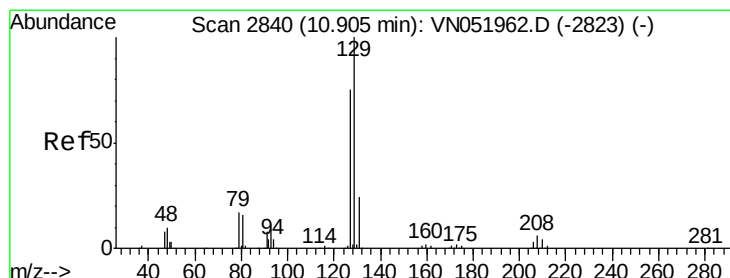
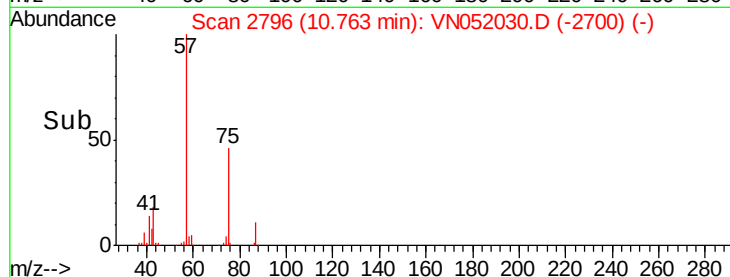
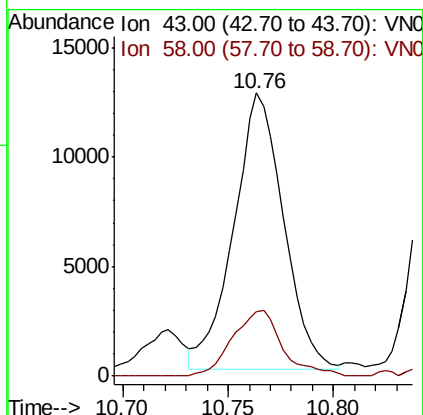
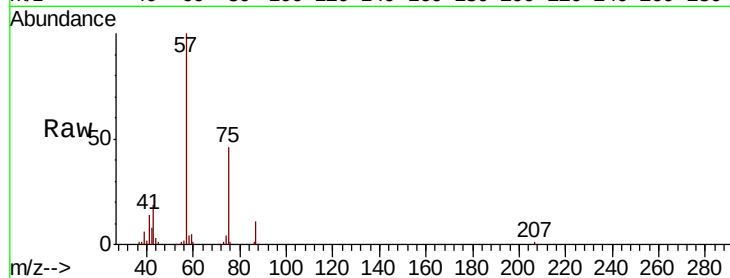




#59
2-Hexanone
Concen: 5.191 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

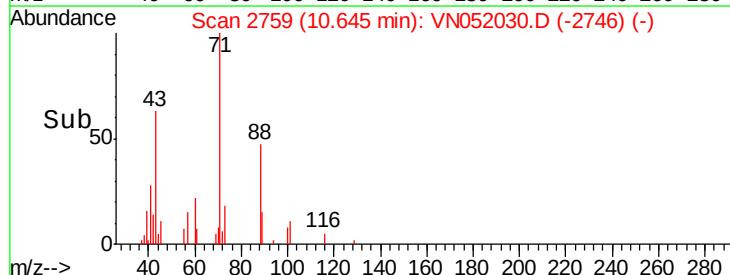
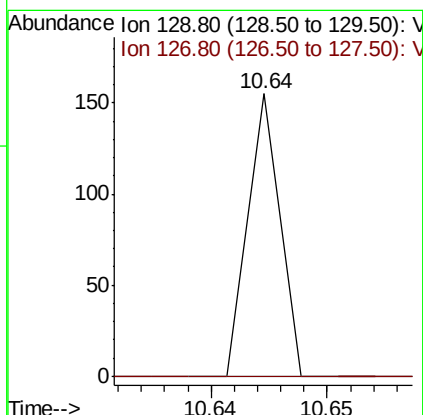
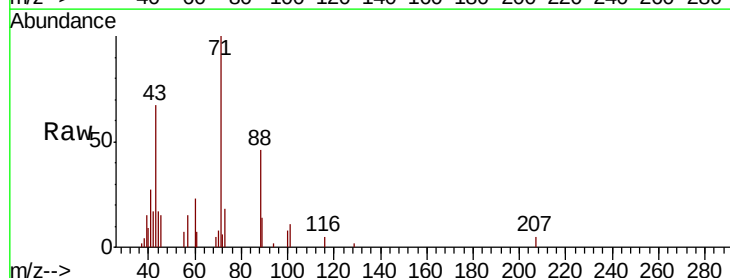
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#07

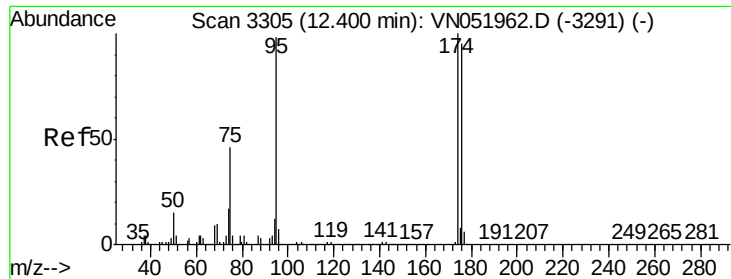
Tot Ion: 43 Resp: 20658
Ion Ratio Lower Upper
43 100
58 24.0 29.9 89.8#



#60
Dibromochloromethane
Concen: 1.980 ug/l
RT: 10.64 min Scan# 2759
Delta R.T. -0.26 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

Tgt Ion: 129 Resp: 30
Ion Ratio Lower Upper
129 100
127 0.0 38.0 114.0#

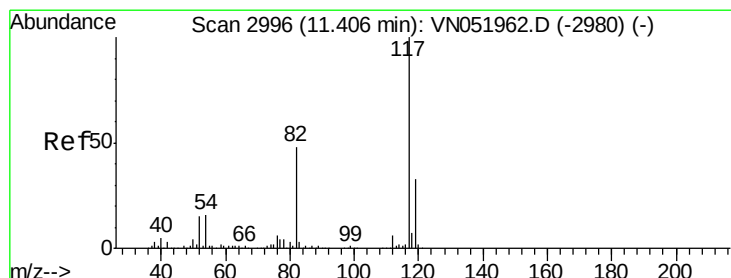
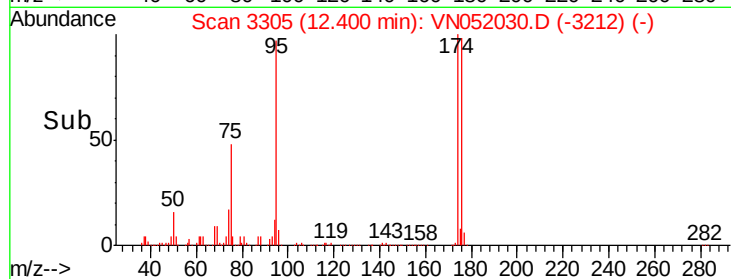
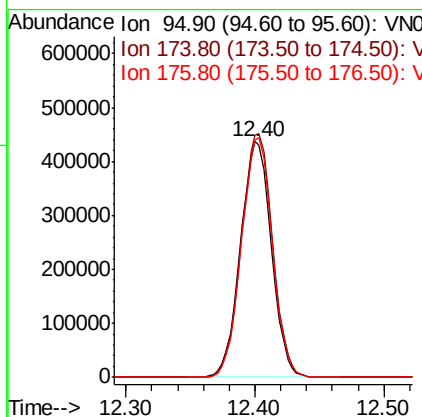
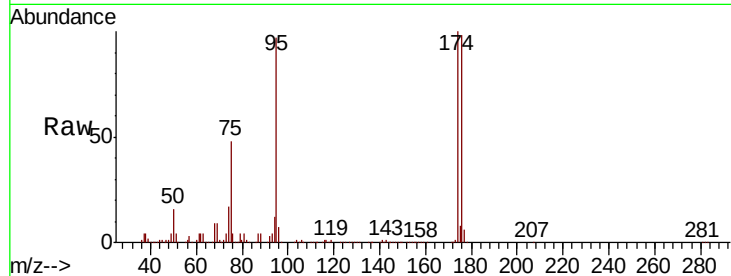




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

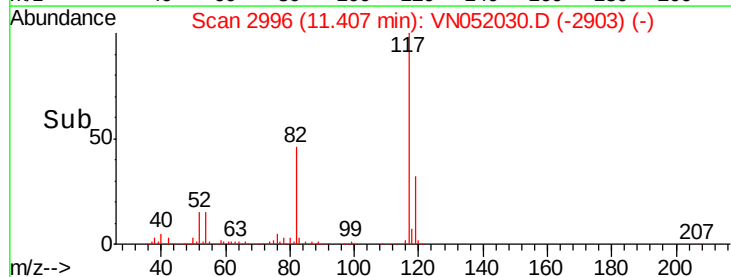
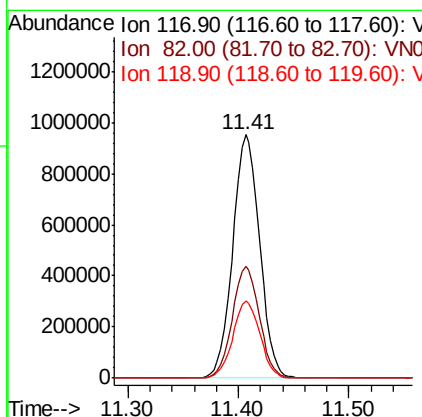
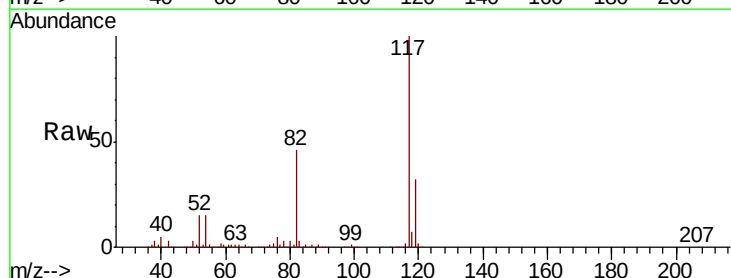
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#07

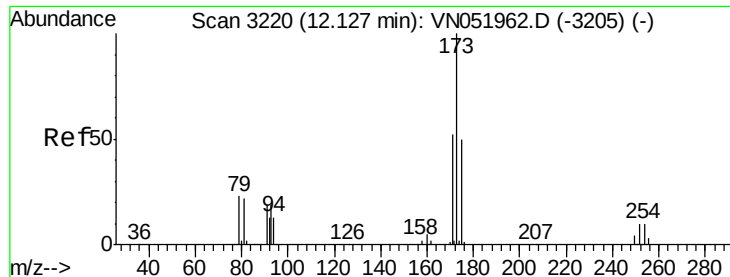
Tot Ion: 95 Resp: 726944
Ion Ratio Lower Upper
95 100
174 104.7 0.0 206.0
176 101.5 0.0 198.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052030.D
Acq: 26 Oct 2018 16:07

Tgt Ion: 117 Resp: 1606805
Ion Ratio Lower Upper
117 100
82 45.9 38.1 57.1
119 31.8 26.4 39.6





#71

Bromoform

Concen: 4.407 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#07

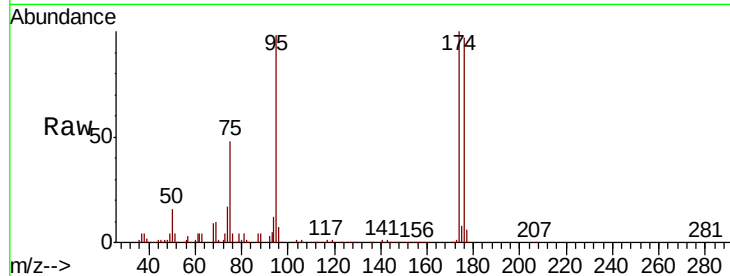
Tot Ion:173 Resp: 6656

Ion Ratio Lower Upper

173 100

175 760.1 24.6 74.0#

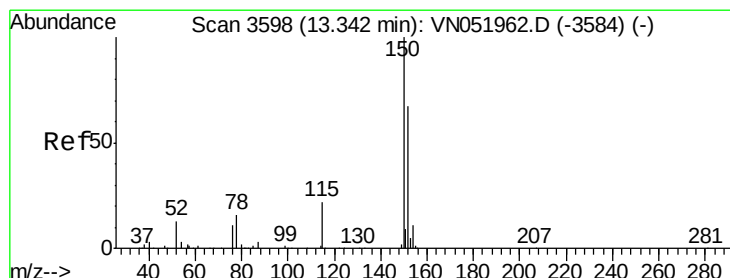
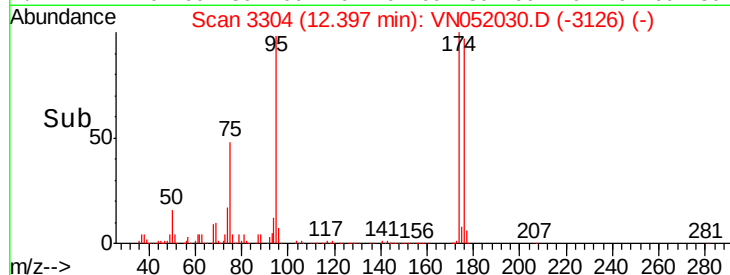
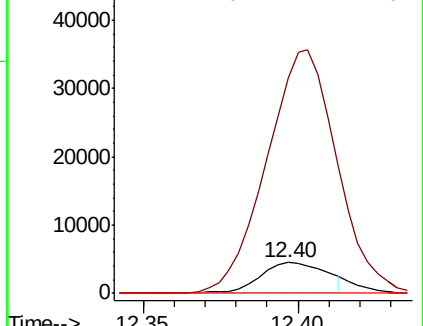
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052030.D

Acq: 26 Oct 2018 16:07

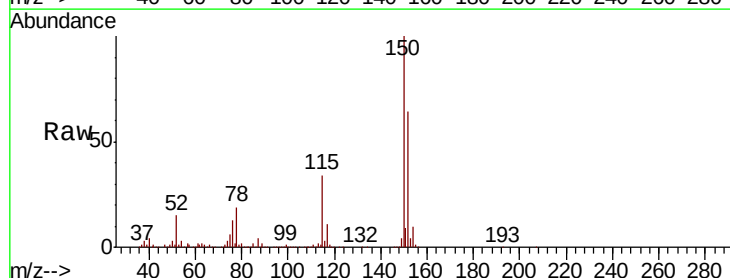
Tgt Ion:152 Resp: 749136

Ion Ratio Lower Upper

152 100

115 53.0 25.8 77.3

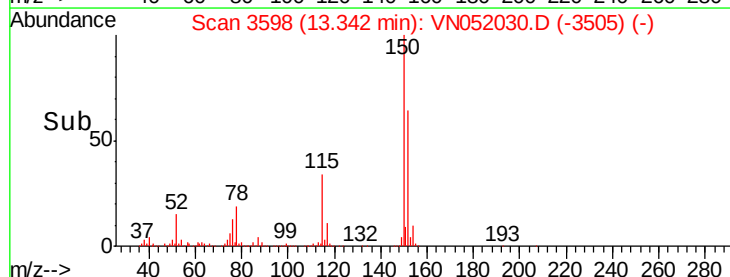
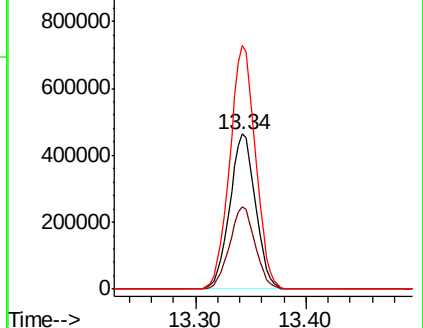
150 157.1 0.0 344.4

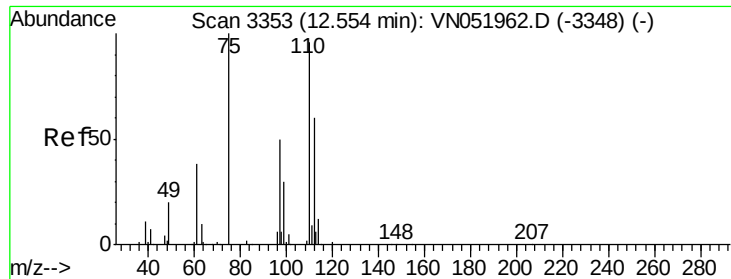


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

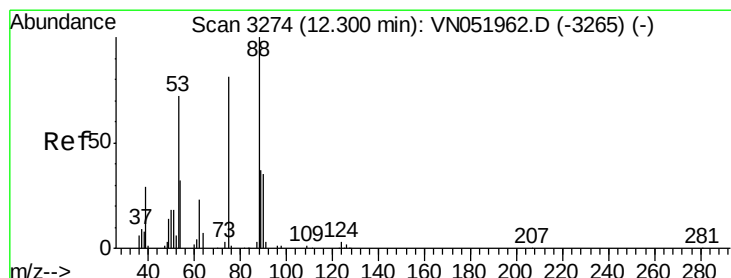
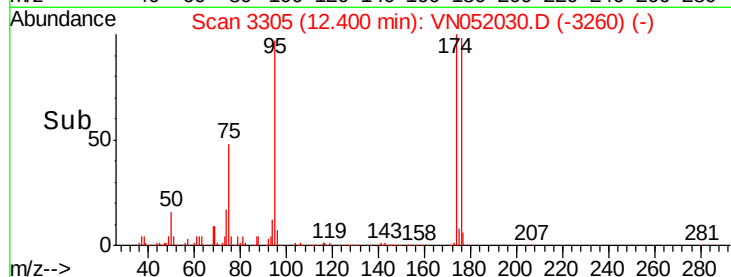
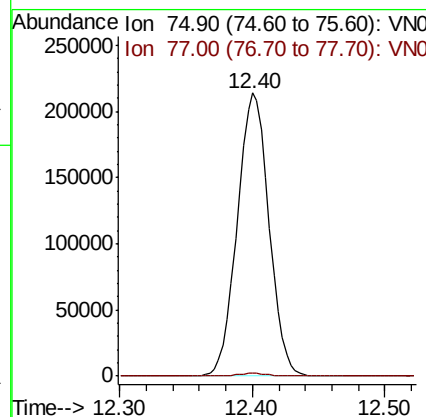
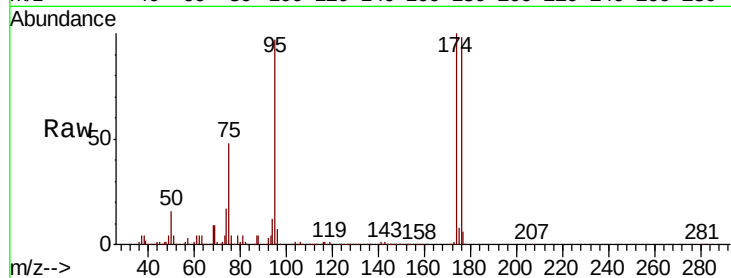




#76
 1,2,3-Trichloropropane
 Concen: 45.778 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN052030.D
 Acq: 26 Oct 2018 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#07

Tot Ion: 75 Resp: 354236
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.047 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052030.D
 Acq: 26 Oct 2018 16:07

Tgt Ion: 75 Resp: 354236
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 41.6 62.4#

