

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053014.D
 Acq On : 19 Dec 2018 16:36
 Operator : MD\SY
 Sample : PB115821ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 05:21:54 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	1340404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2072811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1871449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	788075	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	666726	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
35) Dibromofluoromethane	7.59	113	508727	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	
50) Toluene-d8	10.09	98	2536817	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	849392	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

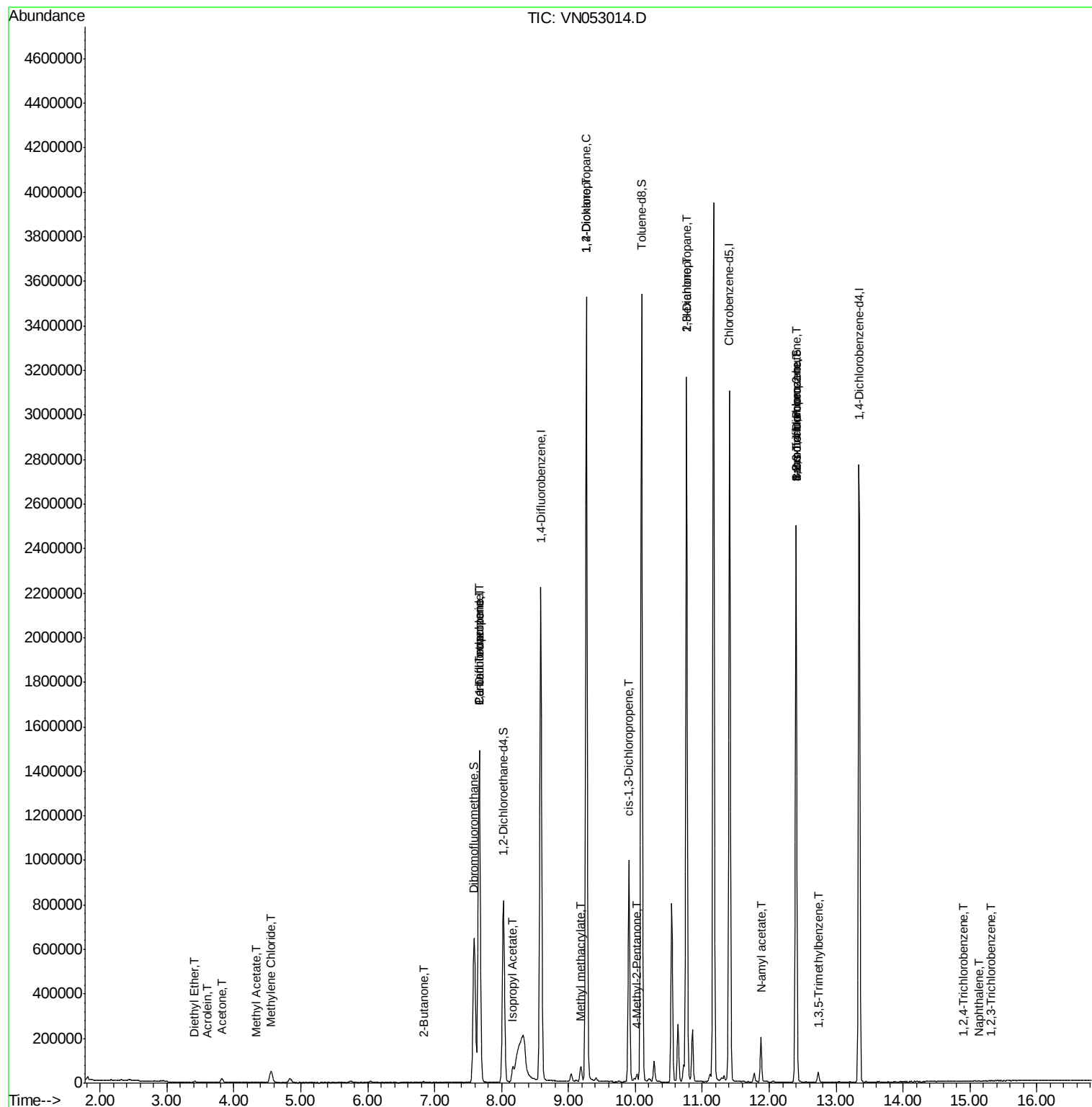
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	2300	0.294	ug/l	81
13) Acrolein	3.61	56	160	0.213	ug/l #	14
16) Acetone	3.82	43	28833	10.811	ug/l	94
18) Methyl Acetate	4.33	43	7489	1.598	ug/l #	76
20) Methylene Chloride	4.56	84	38713	2.661	ug/l	92
25) 2-Butanone	6.84	43	1827	0.408	ug/l	96
31) Cyclohexane	7.67	56	21826	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	88320	4.439	ug/l #	48
38) Carbon Tetrachloride	7.67	117	116602	6.394	ug/l #	16
43) Isopropyl Acetate	8.17	43	75451	2.519	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	4702	0.305	ug/l #	44
48) Methyl methacrylate	9.18	41	24506	2.274	ug/l #	12
49) 1,4-Dioxane	9.26	88	385	2.824	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	29484	2.741	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	189853	8.241	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	34244	1.561	ug/l #	42
59) 2-Hexanone	10.76	43	460174	63.235	ug/l #	50
71) Bromoform	12.40	173	5147	0.494	ug/l #	1
74) N-amyl acetate	11.88	43	60596	3.540	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	394897	29.767	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	22458	0.447	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	394897	95.941	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	250	0.614	ug/l #	53
95) Naphthalene	15.13	128	950	1.177	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.32	180	152	0.520	ug/l #	69

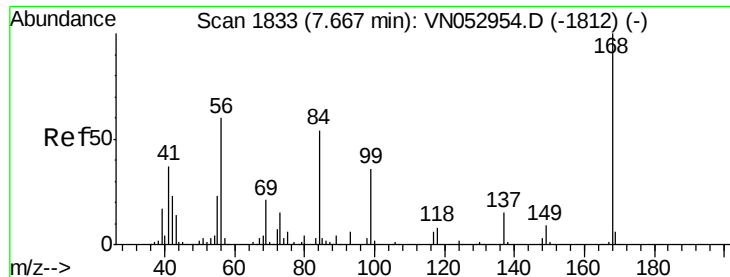
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

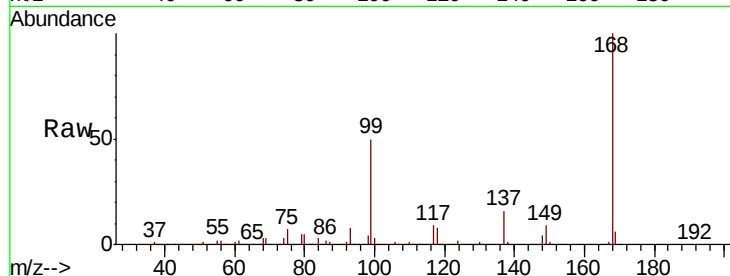
ClientSampled :

Tot Ion:168 Resp: 1340404

Ion Ratio Lower Upper

168 100

99 49.9 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

500000

400000

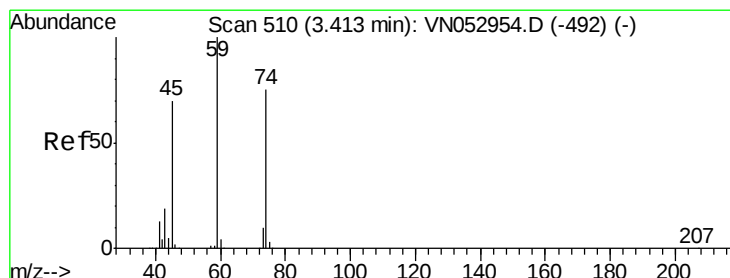
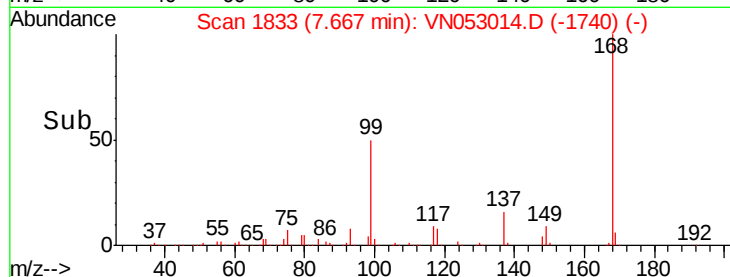
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.294 ug/l

RT: 3.41 min Scan# 508

Delta R.T. -0.01 min

Lab File: VN053014.D

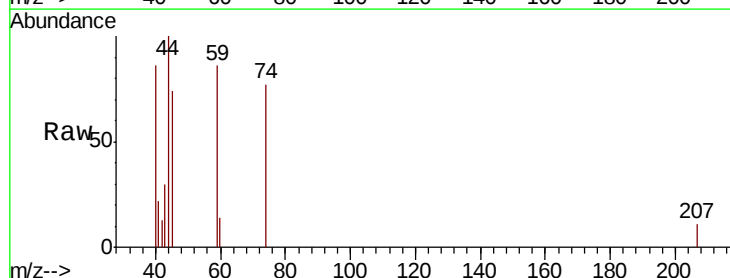
Acq: 19 Dec 2018 16:36

Tgt Ion: 74 Resp: 2300

Ion Ratio Lower Upper

74 100

45 117.8 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

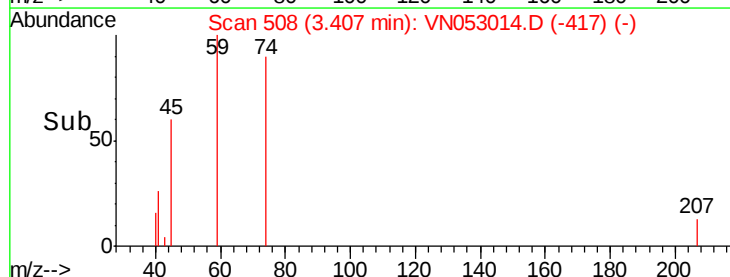
3.41

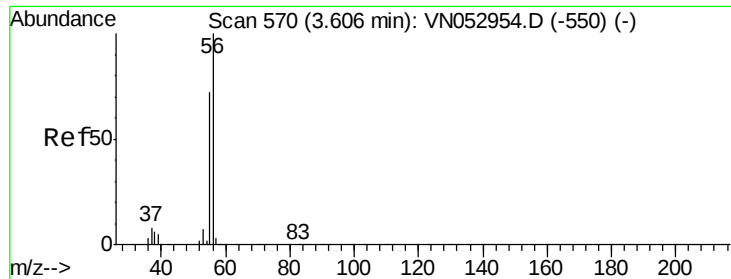
1000

500

0

Time-->





#13

Acrolein

Concen: 0.213 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

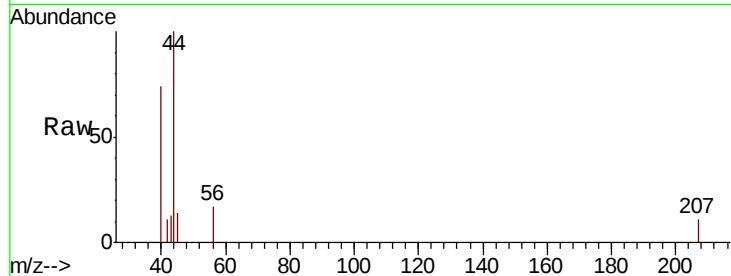
ClientSampleId :

Tot Ion: 56 Resp: 160

Ion Ratio Lower Upper

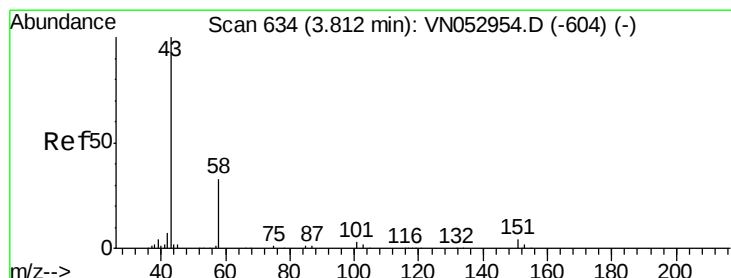
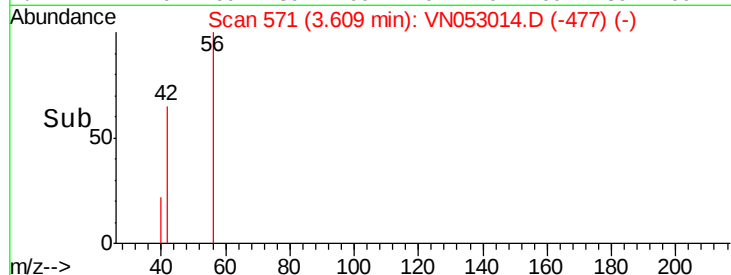
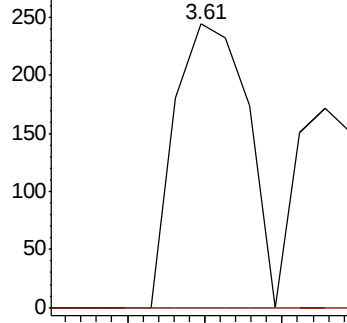
56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 10.811 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053014.D

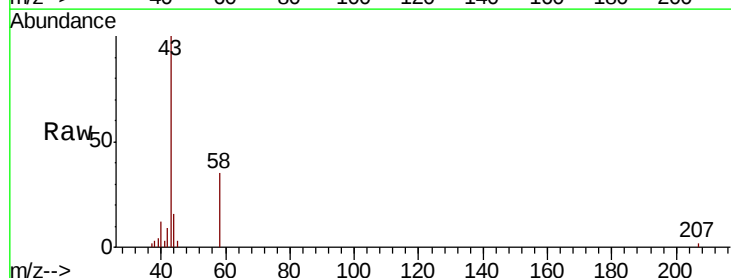
Acq: 19 Dec 2018 16:36

Tgt Ion: 43 Resp: 28833

Ion Ratio Lower Upper

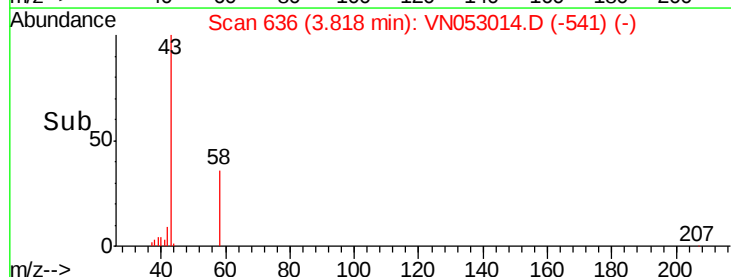
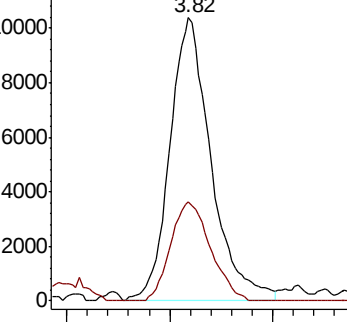
43 100

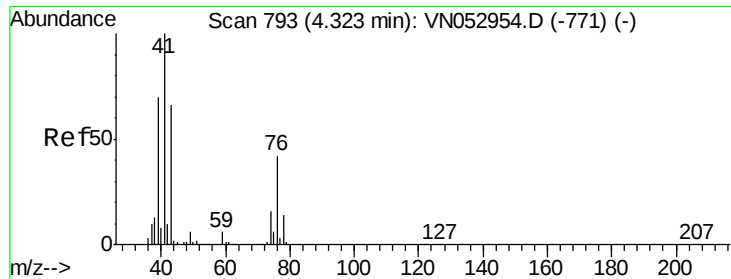
58 34.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

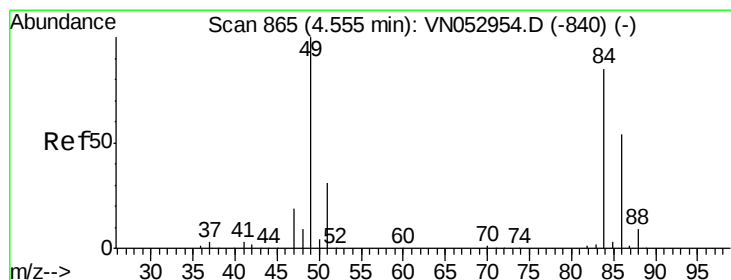
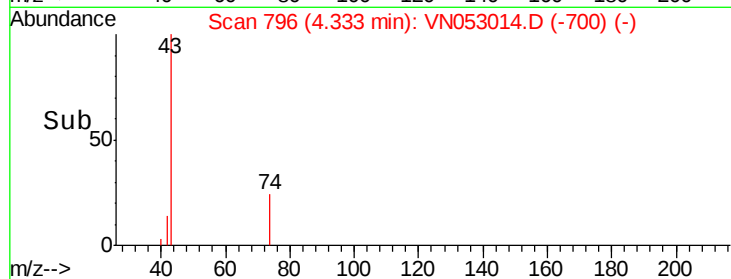
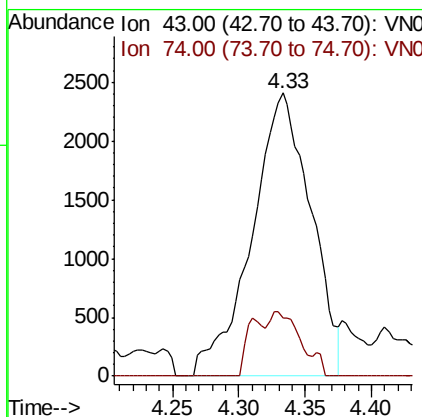
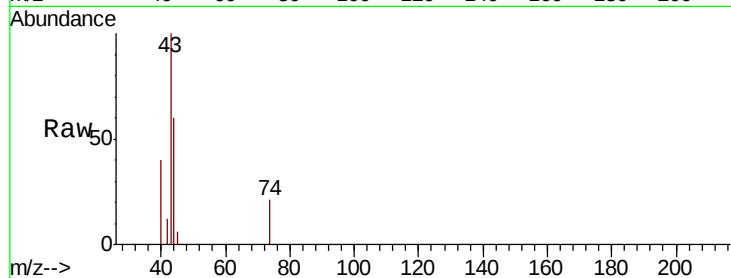




#18
Methvl Acetate
Concen: 1.598 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

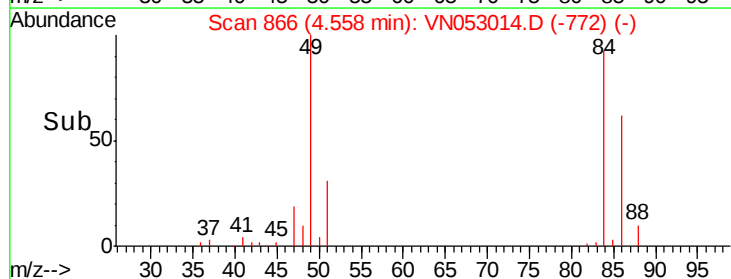
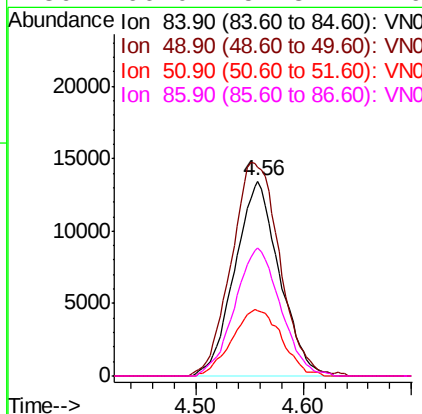
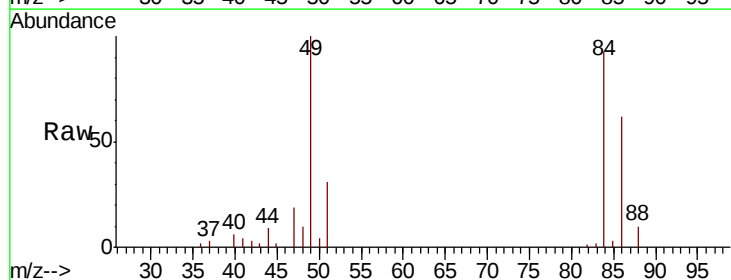
Instrument :
MSVOA_N
ClientSampled :

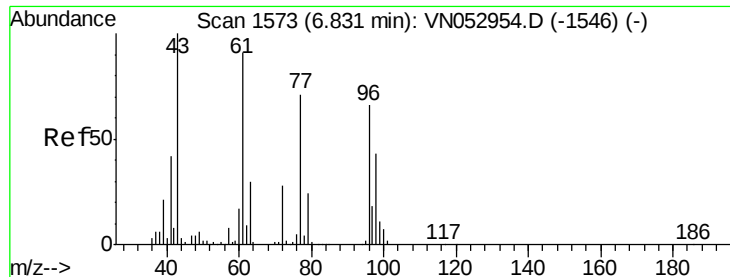
Tot Ion: 43 Resp: 7489
Ion Ratio Lower Upper
43 100
74 12.3 19.2 28.8#



#20
Methylene Chloride
Concen: 2.661 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 84 Resp: 38713
Ion Ratio Lower Upper
84 100
49 107.0 96.8 145.2
51 33.5 29.9 44.9
86 66.0 51.8 77.6

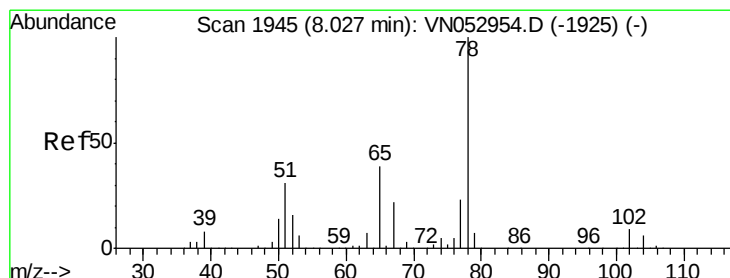
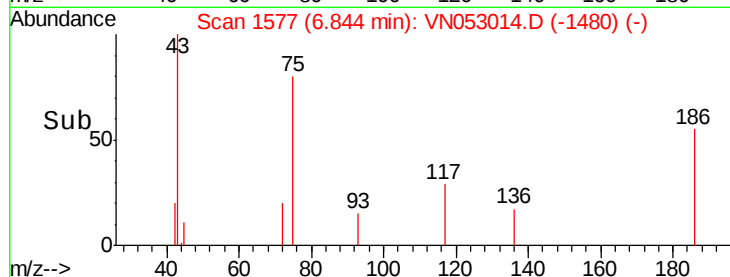
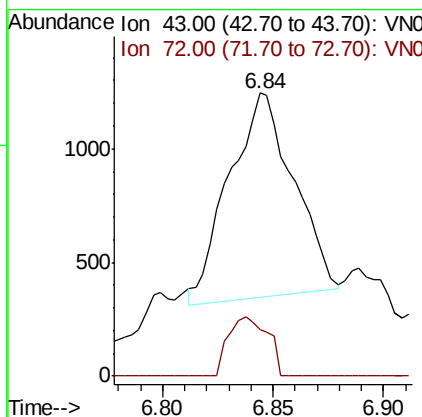
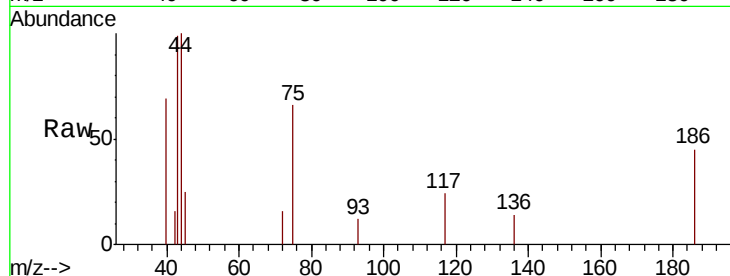




#25
2-Butanone
Concen: 0.408 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

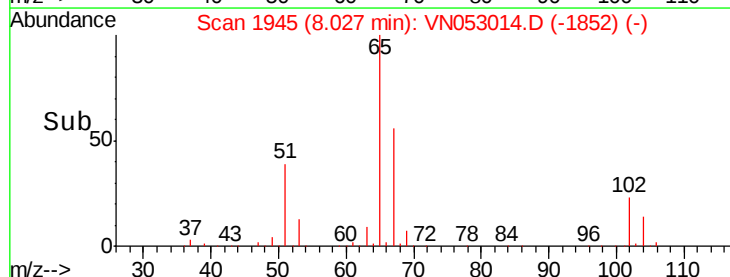
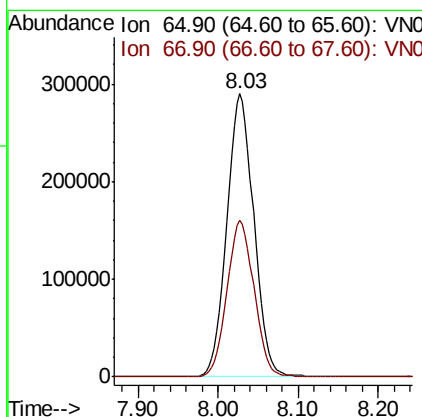
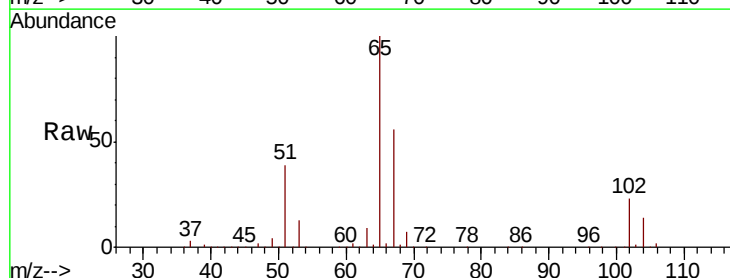
Instrument :
MSVOA_N
ClientSampled :

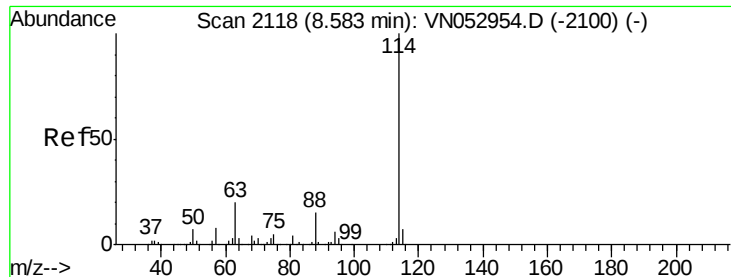
Tot Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
72 24.1 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 65 Resp: 666726
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.4

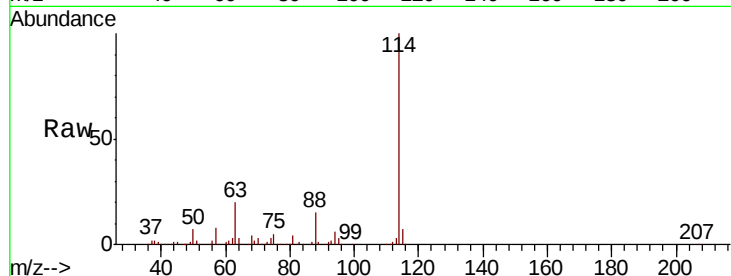




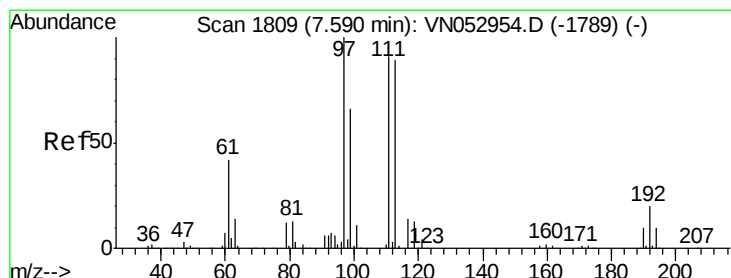
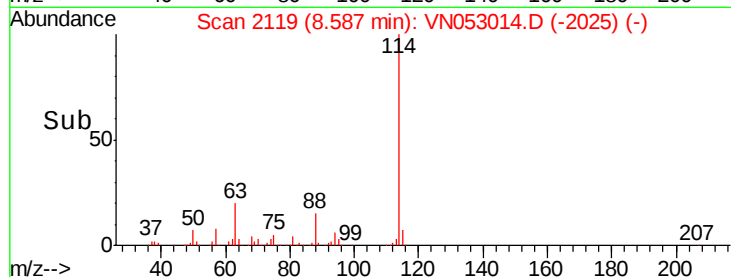
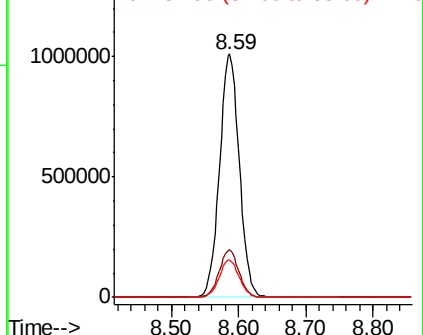
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053014.D
 Acq: 19 Dec 2018 16:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2072811
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.3 0.0 31.0

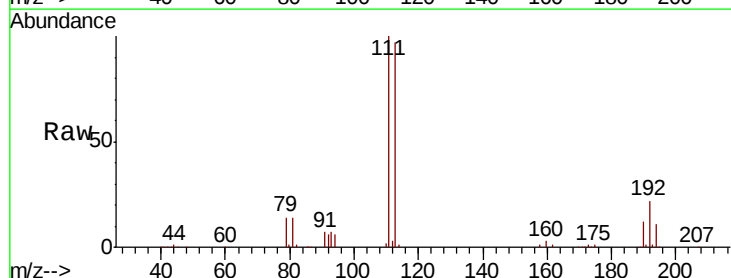


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

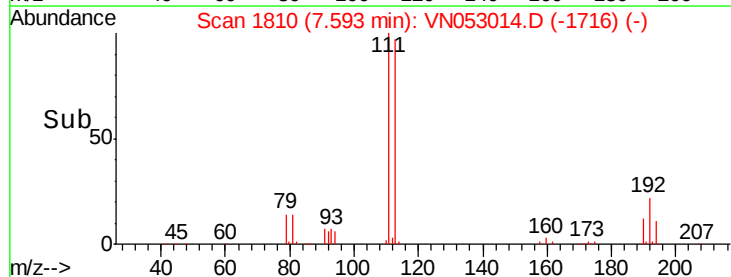
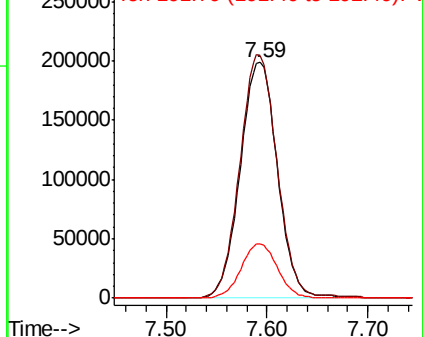


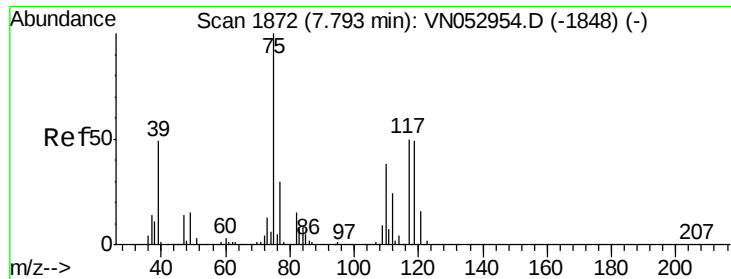
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053014.D
 Acq: 19 Dec 2018 16:36

Tgt Ion:113 Resp: 508727
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.0 124.4
 192 22.6 17.5 26.3



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

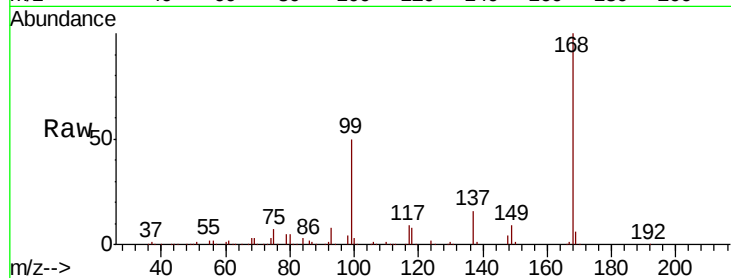




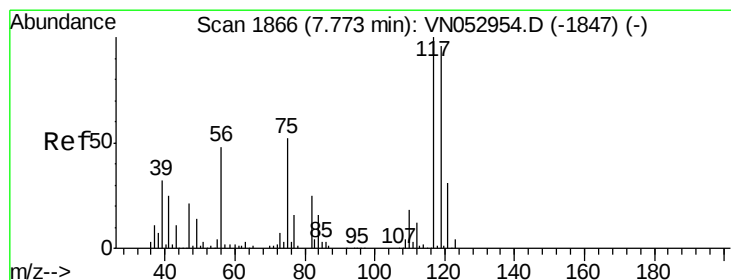
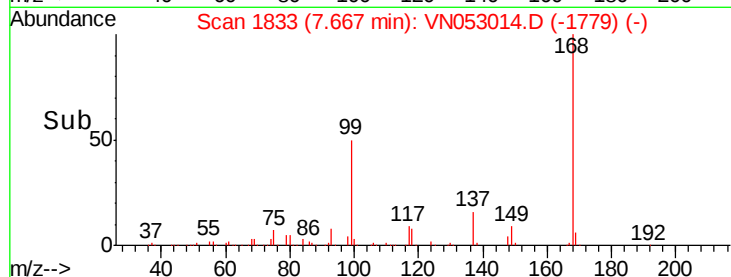
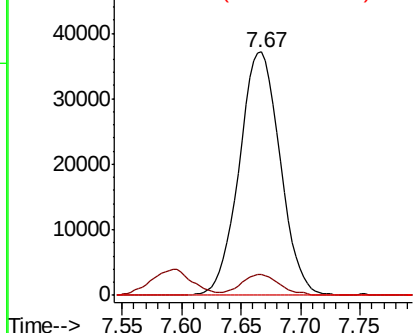
#36
 1,1-Dichloropropene
 Concen: 4.439 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053014.D
 Acq: 19 Dec 2018 16:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	75	Resp	88320
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	18.2	54.6#
77	0.0	24.9	37.3#

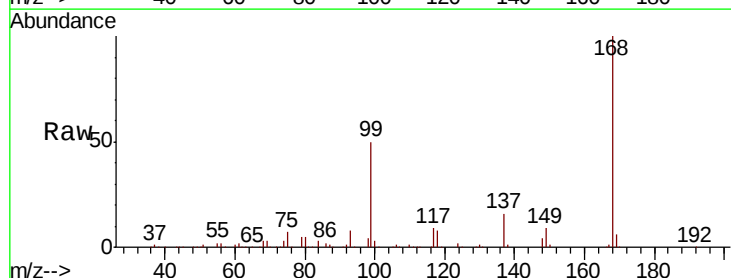


Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-1848) (-)
 Ion 109.90 (109.60 to 110.60): VN052954.D (-1848) (-)
 Ion 76.90 (76.60 to 77.60): VN052954.D (-1848) (-)

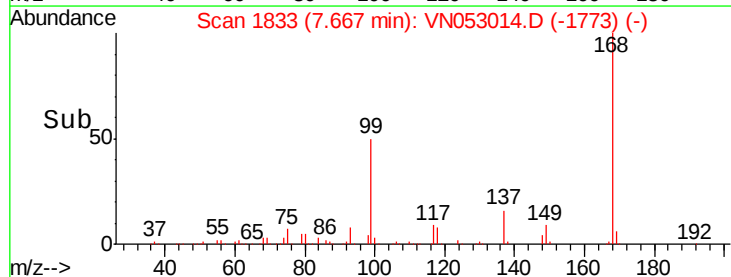
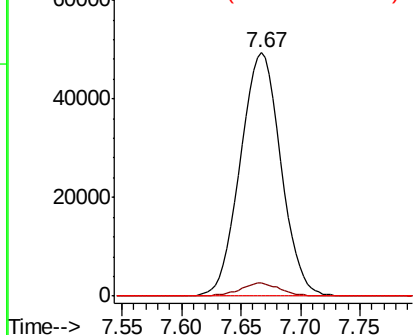


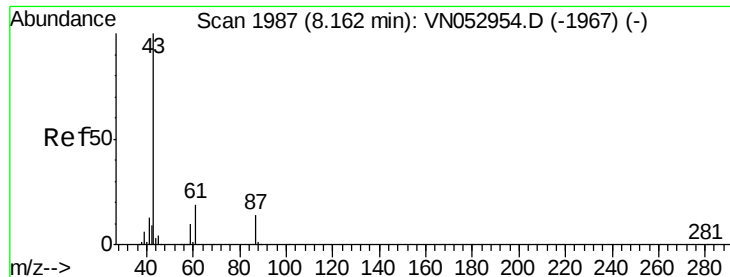
#38
 Carbon Tetrachloride
 Concen: 6.394 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053014.D
 Acq: 19 Dec 2018 16:36

Tgt Ion	117	Resp	116602
Ion Ratio	100	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-1847) (-)
 Ion 118.80 (118.50 to 119.50): VN052954.D (-1847) (-)
 Ion 120.80 (120.50 to 121.50): VN052954.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 2.519 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

ClientSampled :

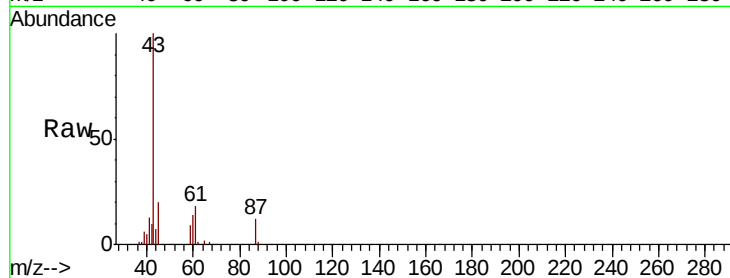
Tot Ion: 43 Resp: 75451

Ion Ratio Lower Upper

43 100

61 20.1 22.9 34.3#

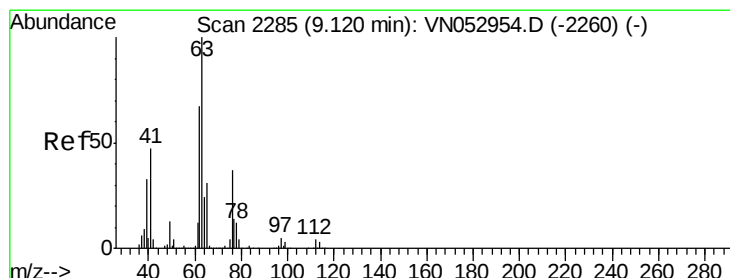
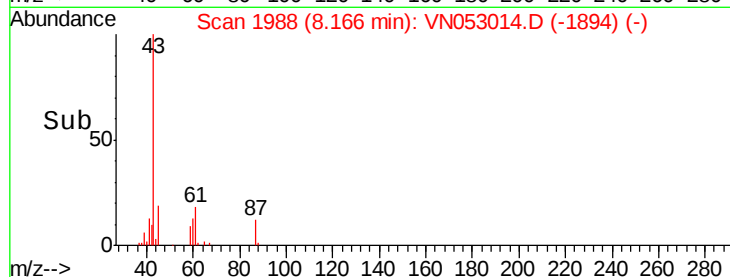
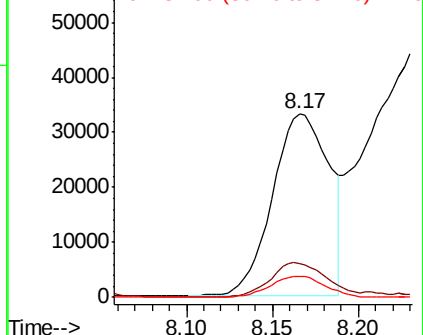
87 11.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN053014.D (-2192) (-)

Ion 61.00 (60.70 to 61.70): VN053014.D (-2192) (-)

Ion 87.00 (86.70 to 87.70): VN053014.D (-2192) (-)



#45

1,2-Dichloropropane

Concen: 0.305 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053014.D

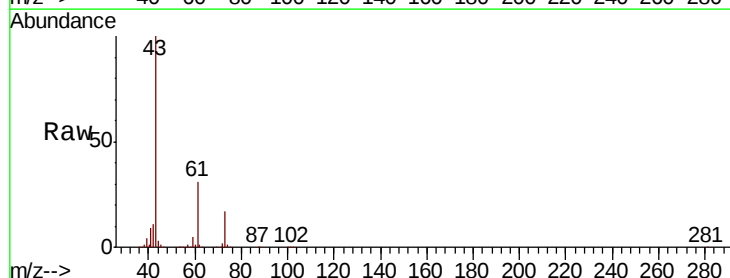
Acq: 19 Dec 2018 16:36

Tgt Ion: 63 Resp: 4702

Ion Ratio Lower Upper

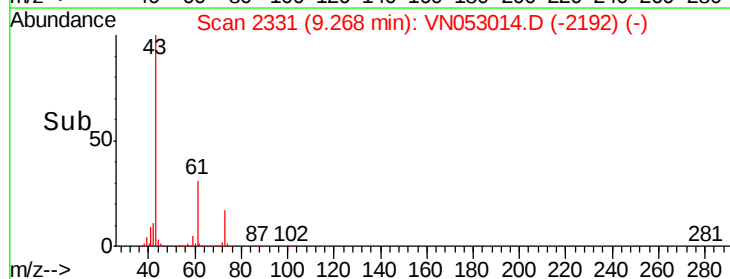
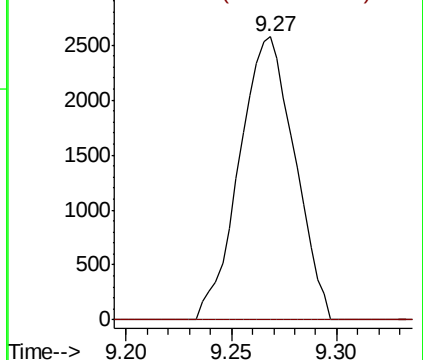
63 100

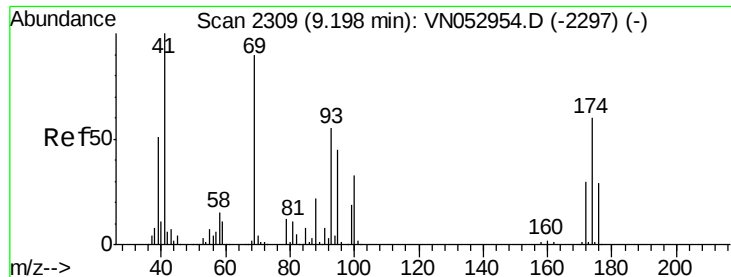
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN053014.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN053014.D (-2192) (-)

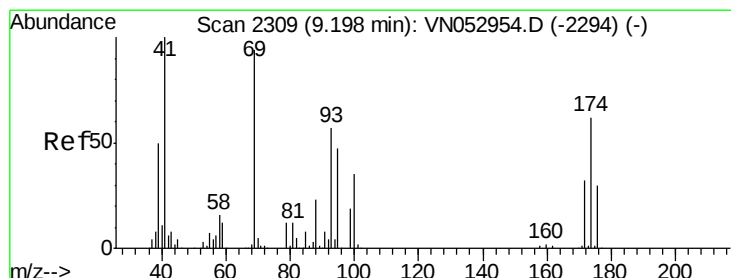
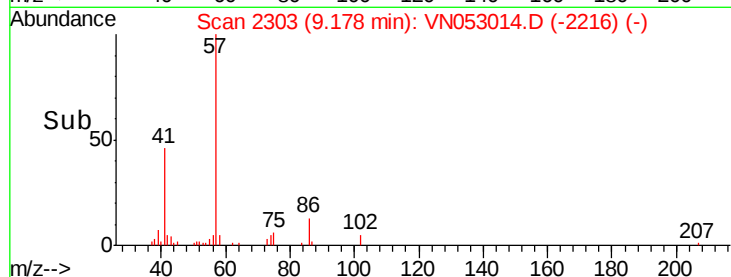
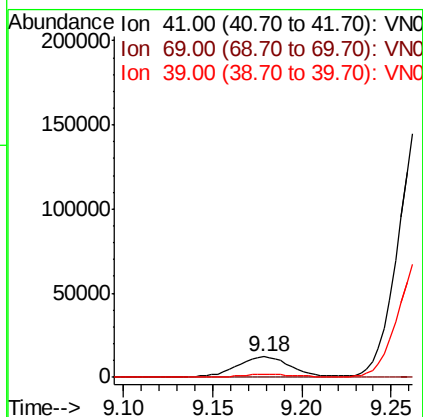
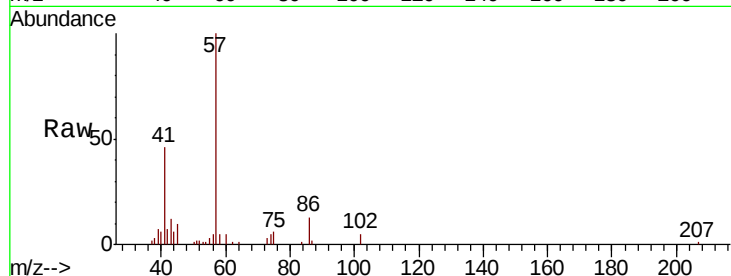




#48
Methvl methacrylate
Concen: 2.274 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

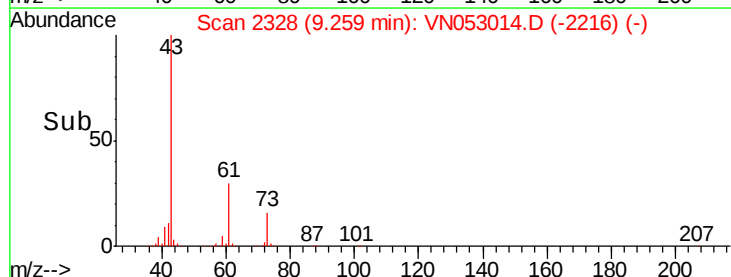
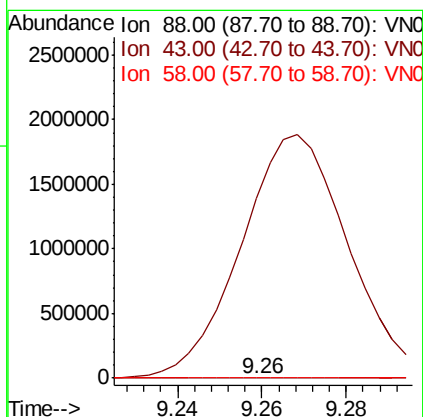
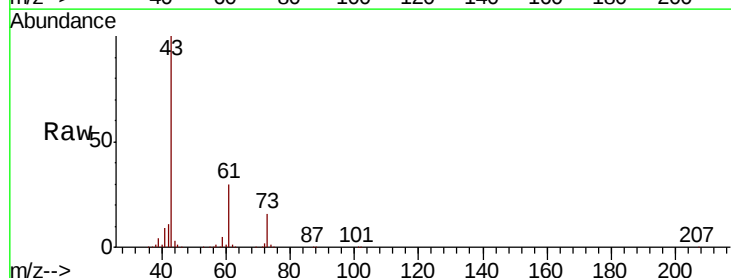
Instrument :
MSVOA_N
ClientSampled :

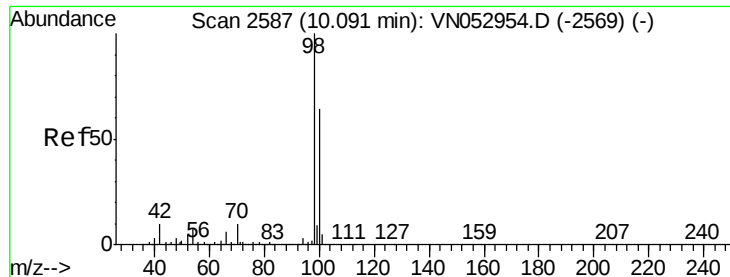
Tot Ion: 41 Resp: 24506
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 0.0 41.9 62.9#



#49
1,4-Dioxane
Concen: 2.824 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion: 88 Resp: 385
Ion Ratio Lower Upper
88 100
43 871380.3 26.6 40.0#
58 3656.6 58.4 87.6#





#50

Toluene-d8

Concen: 2.824 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

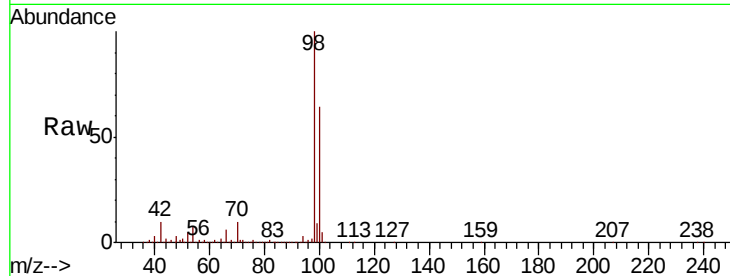
ClientSampled :

Tot Ion: 98 Resp: 2536817

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

500000

0

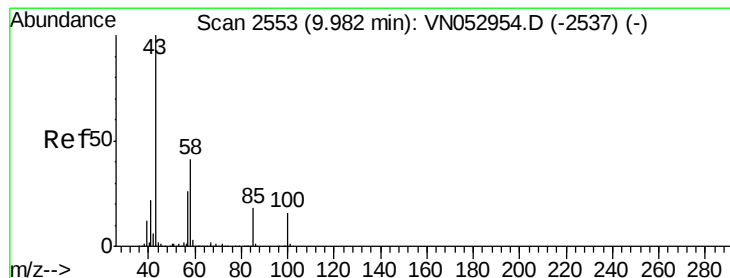
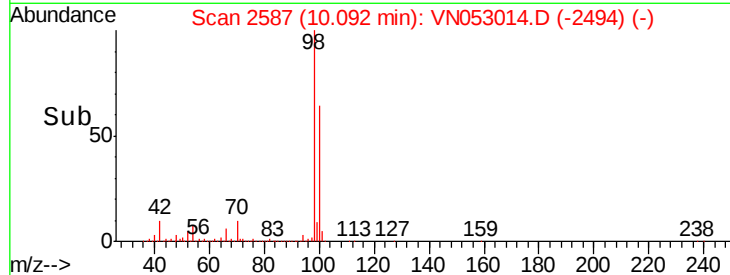
10.09

10.00

10.10

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.741 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053014.D

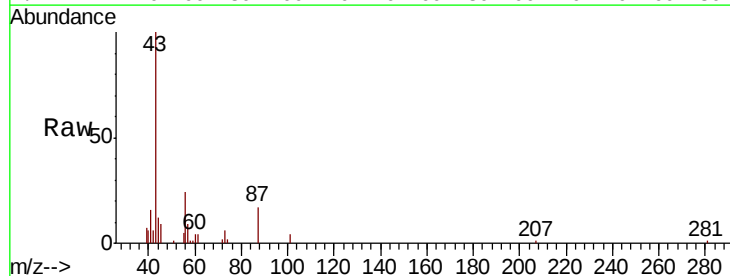
Acq: 19 Dec 2018 16:36

Tgt Ion: 43 Resp: 29484

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

20000

15000

10000

5000

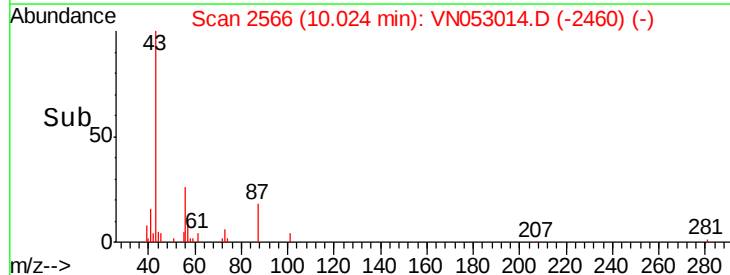
0

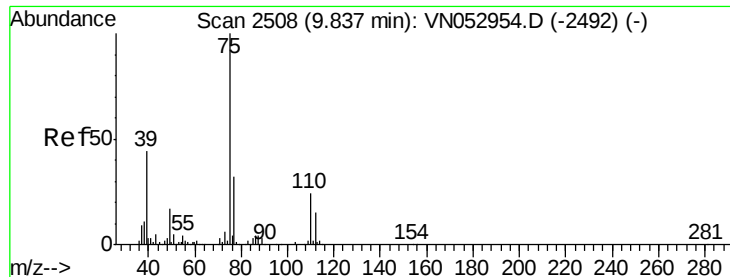
10.02

10.00

10.05

Time-->





#54

cis-1,3-Dichloropropene

Concen: 8.241 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

ClientSampled :

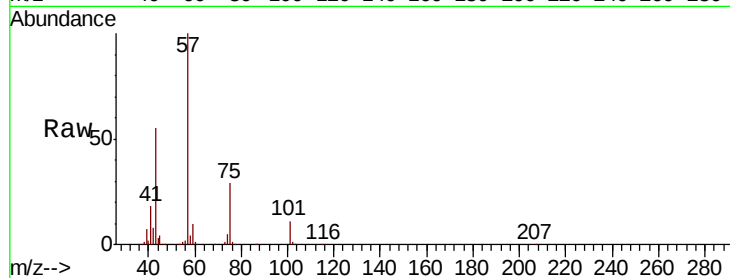
Tot Ion: 75 Resp: 189853

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.8#

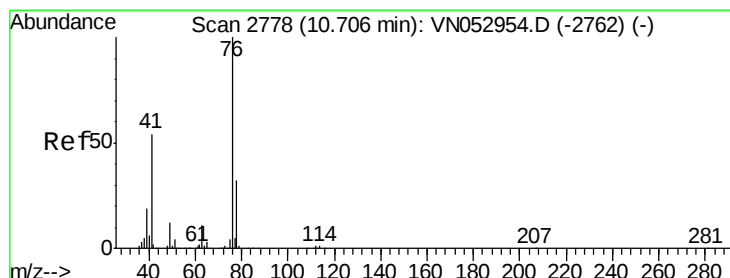
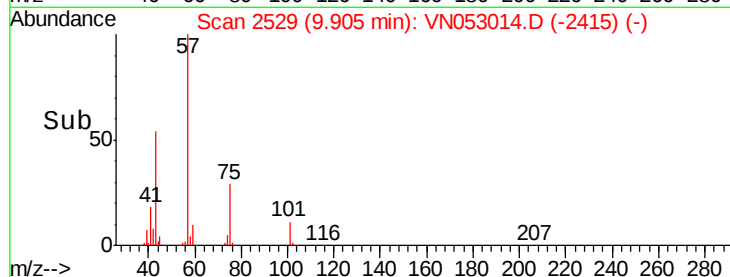
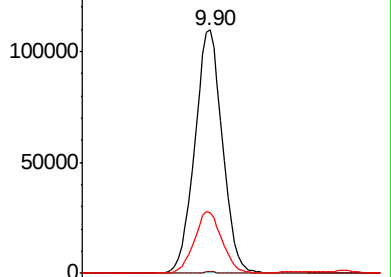
39 24.8 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-2492) (-)

Ion 76.90 (76.60 to 77.60): VN052954.D (-2492) (-)

Ion 39.00 (38.70 to 39.70): VN052954.D (-2492) (-)



#57

1,3-Dichloropropane

Concen: 1.561 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053014.D

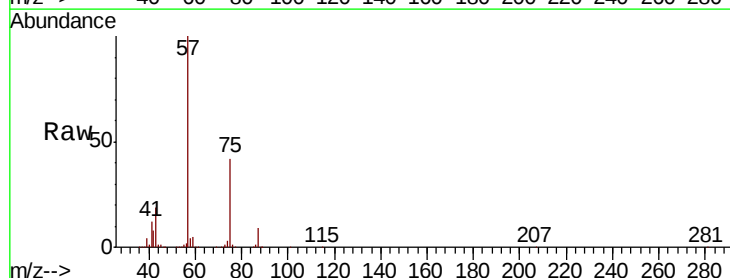
Acq: 19 Dec 2018 16:36

Tgt Ion: 76 Resp: 34244

Ion Ratio Lower Upper

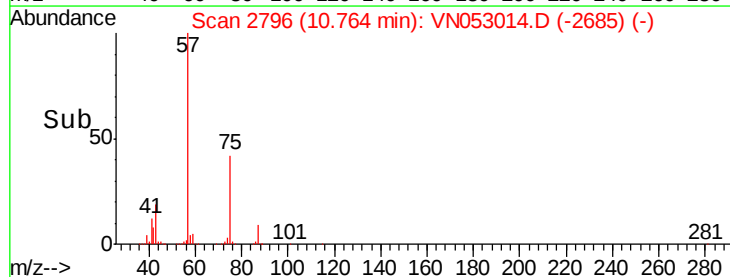
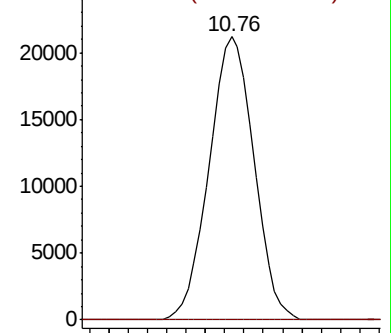
76 100

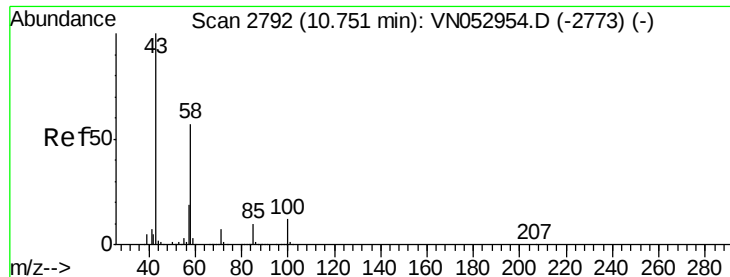
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN052954.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN052954.D (-2762) (-)





#59

2-Hexanone

Concen: 63.235 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

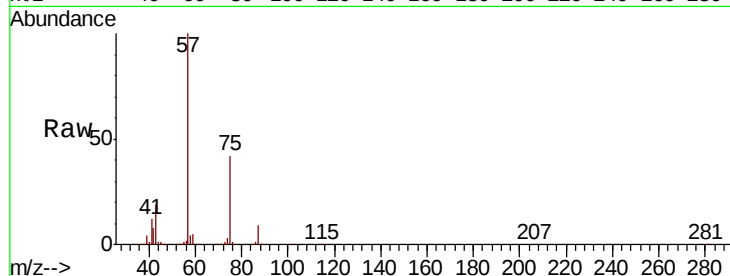
ClientSampleId :

Tot Ion: 43 Resp: 460174

Ion Ratio Lower Upper

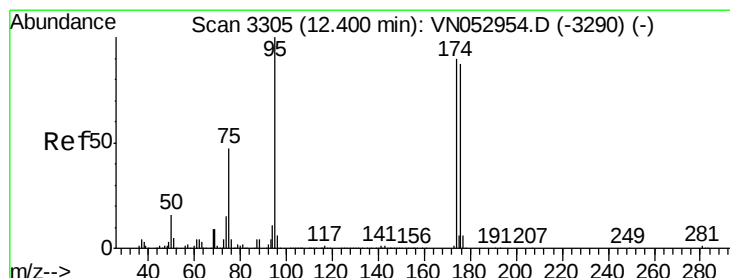
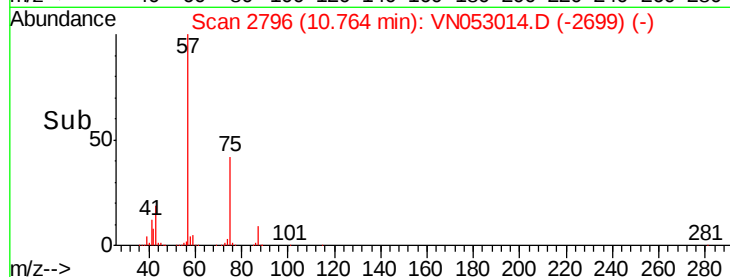
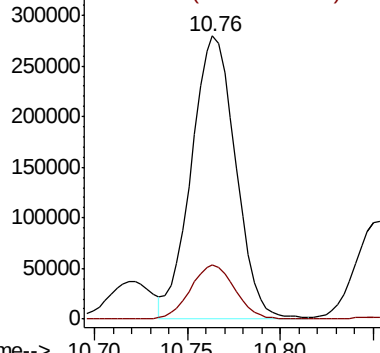
43 100

58 19.5 28.1 84.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

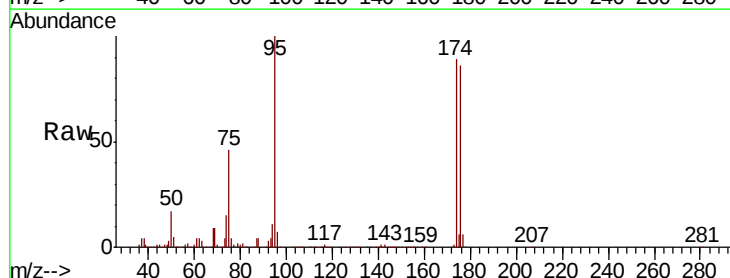
Tgt Ion: 95 Resp: 849392

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

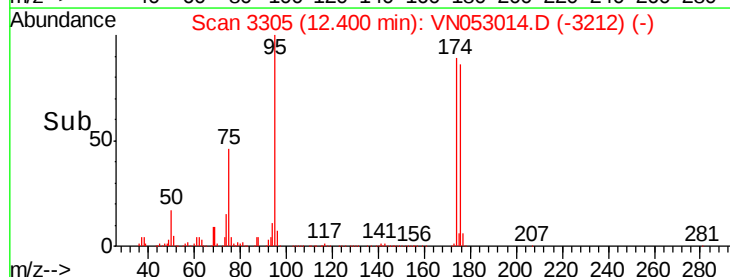
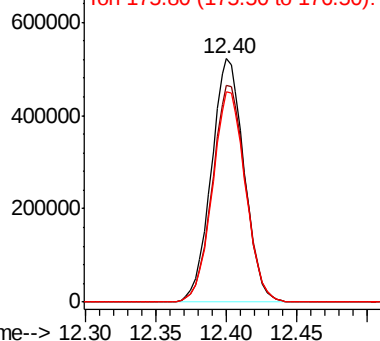
176 87.0 0.0 173.8

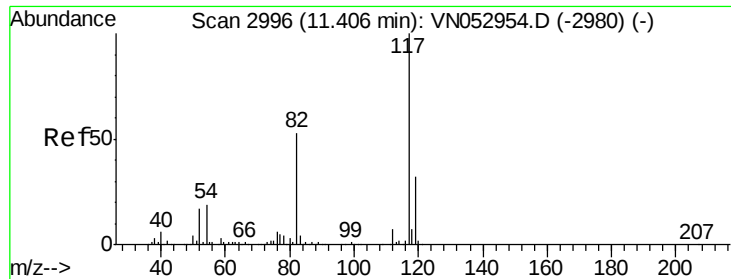


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

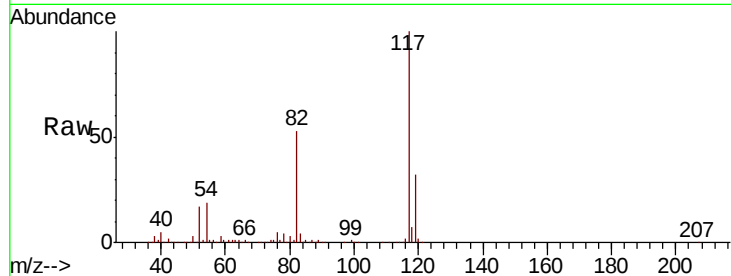




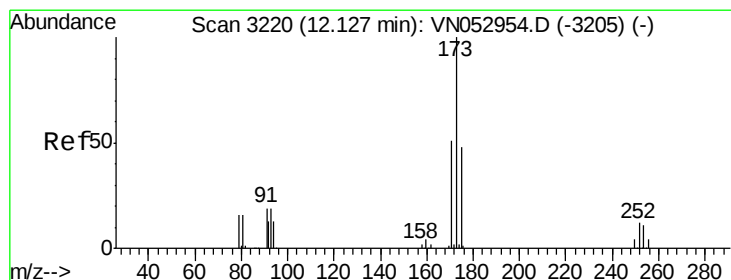
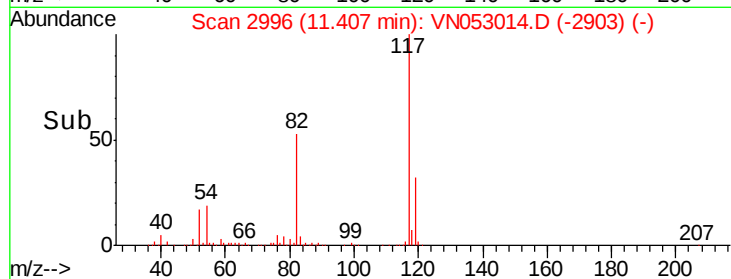
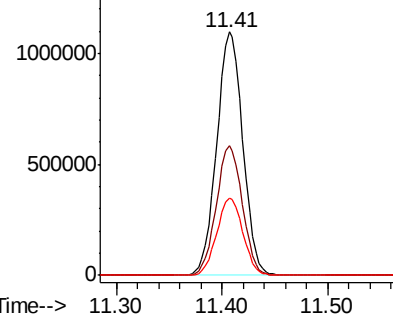
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1871449
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 31.8 25.5 38.3

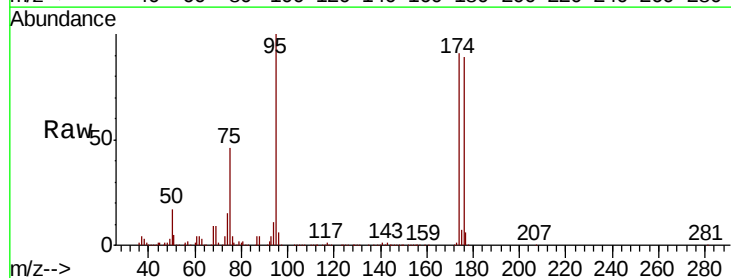


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

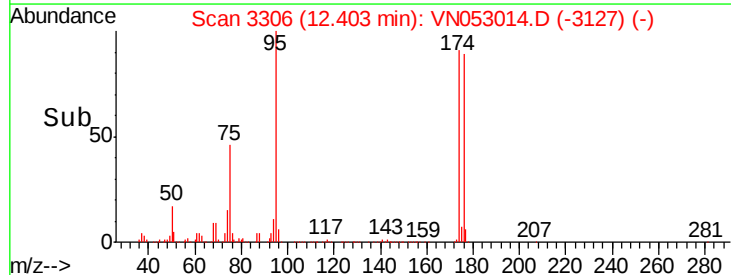
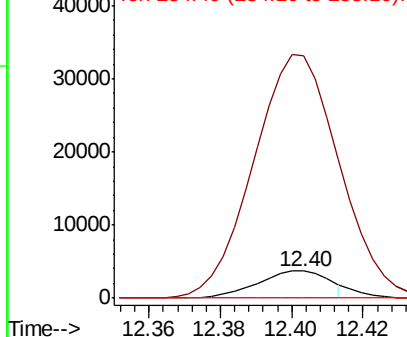


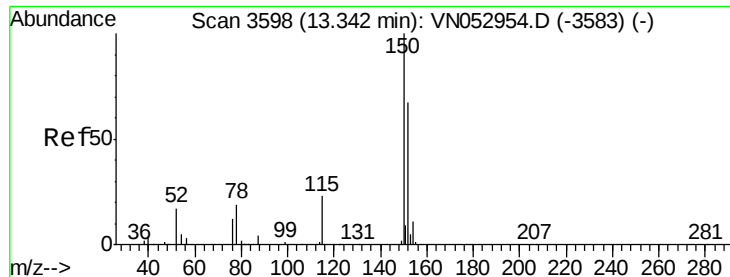
#71
Bromoform
Concen: 0.494 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion:173 Resp: 5147
Ion Ratio Lower Upper
173 100
175 951.2 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



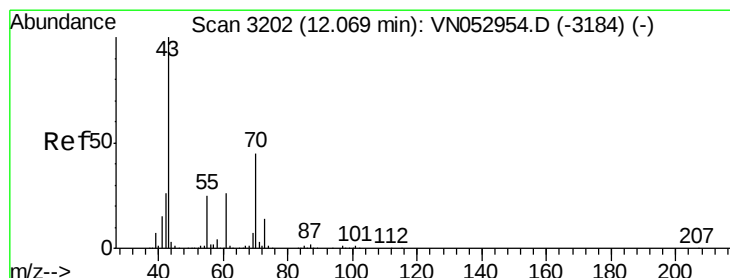
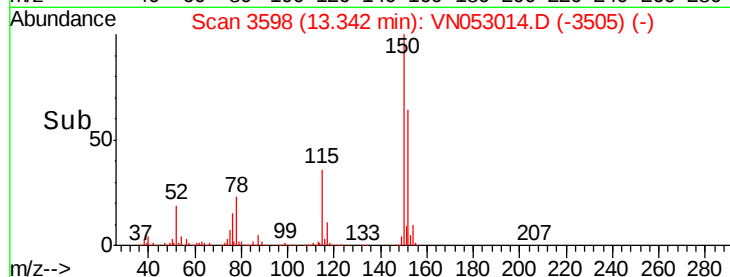
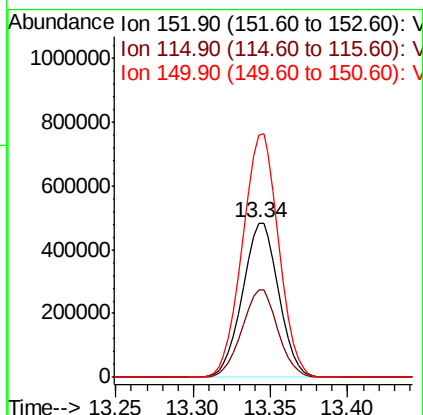
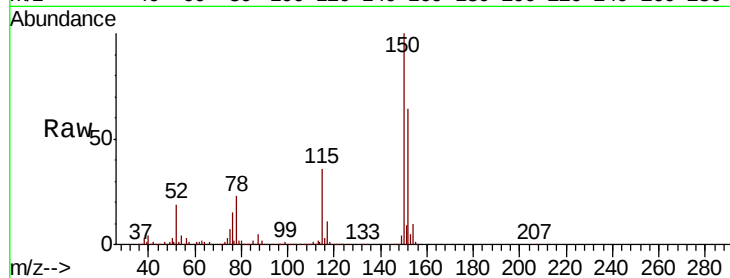


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :

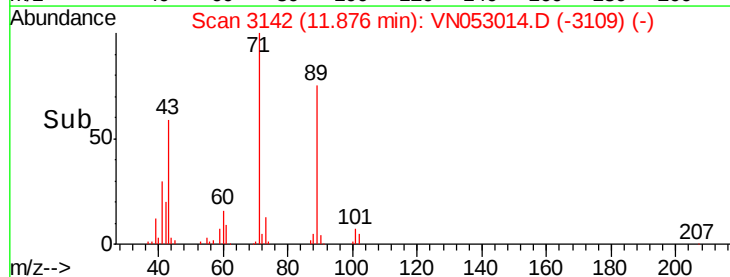
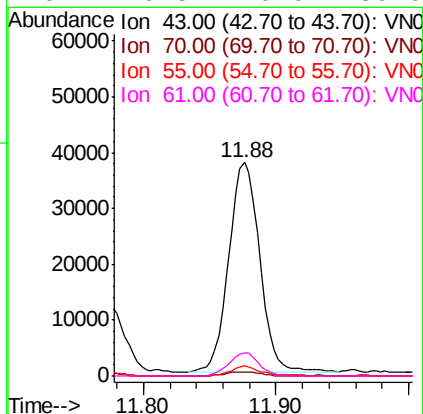
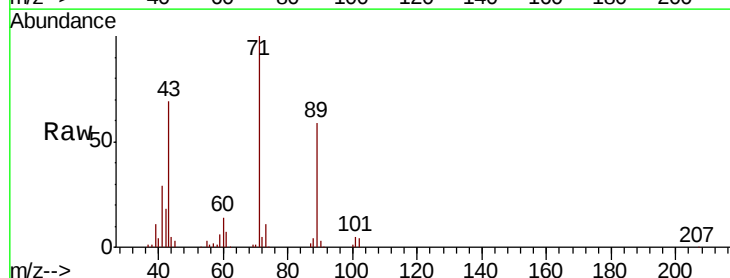
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.3	85.0
150	157.7	0.0	347.8

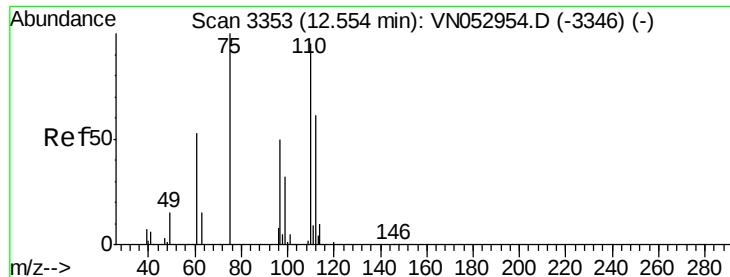


#74

N-ethyl acetate
Concen: 3.540 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053014.D
Acq: 19 Dec 2018 16:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	2.1	34.2	51.4#
55	4.5	20.3	30.5#
61	10.5	20.0	30.0#





#76

1,2,3-Trichloropropane

Concen: 29.767 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

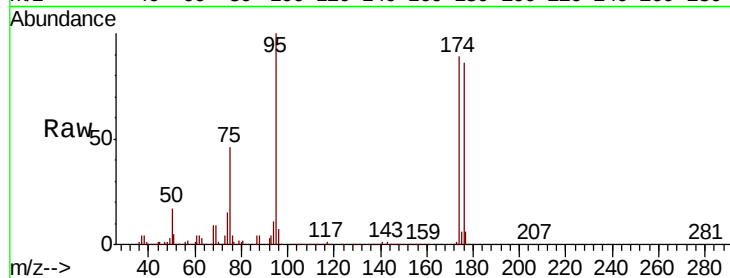
ClientSampled :

Tot Ion: 75 Resp: 394897

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3346) (-)

12.40

250000

200000

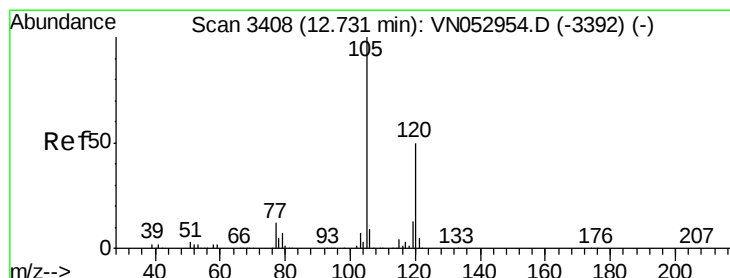
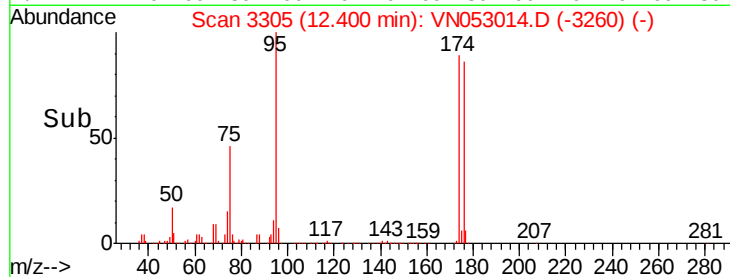
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.447 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053014.D

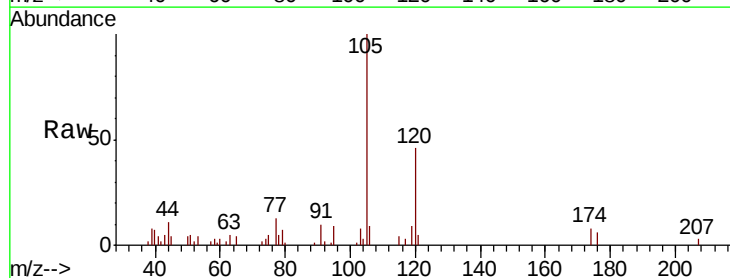
Acq: 19 Dec 2018 16:36

Tgt Ion: 105 Resp: 22458

Ion Ratio Lower Upper

105 100

120 46.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)

12.73

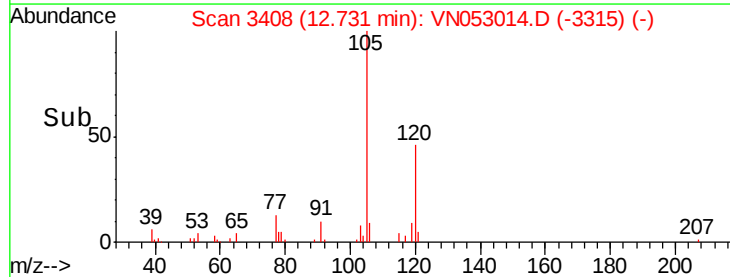
15000

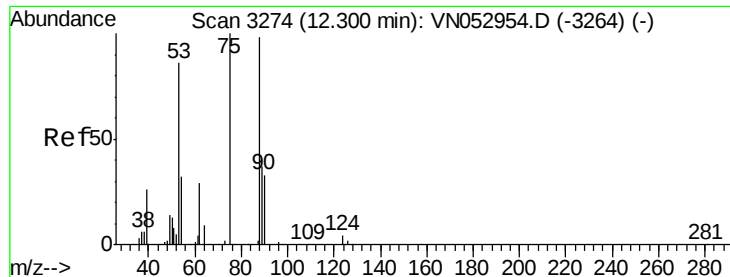
10000

5000

0

Time--> 12.65 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 95.941 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

ClientSampleId :

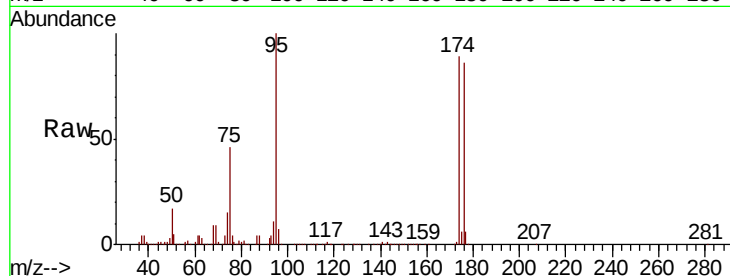
Tot Ion: 75 Resp: 394897

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

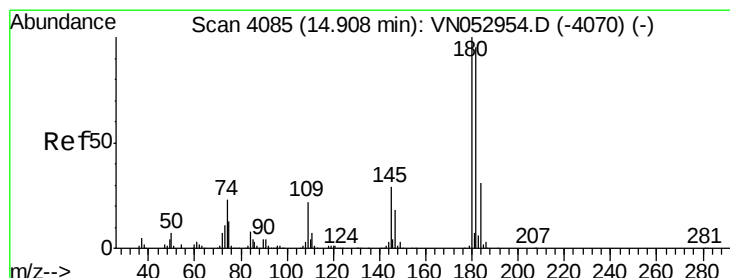
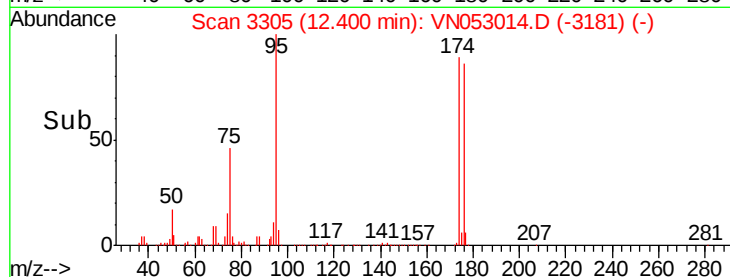
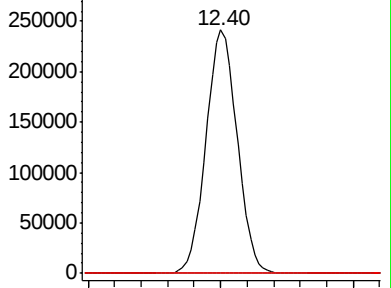
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.614 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

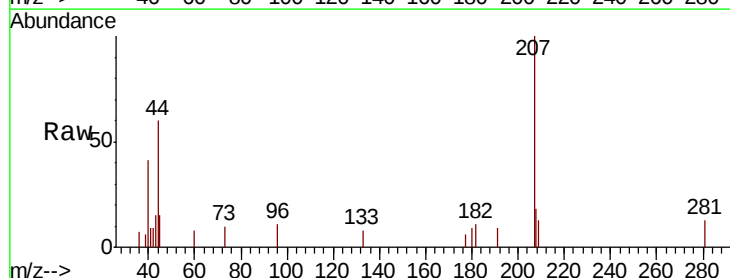
Tgt Ion: 180 Resp: 250

Ion Ratio Lower Upper

180 100

182 138.8 47.8 143.3

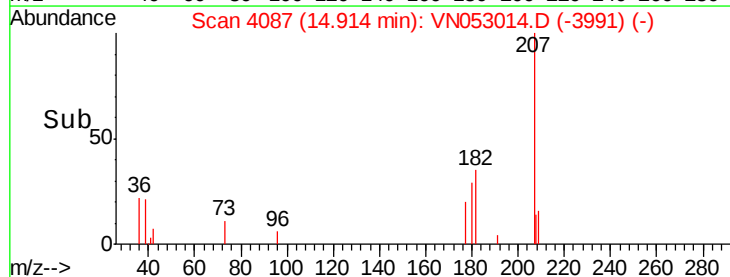
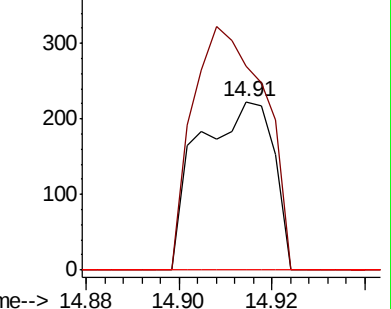
145 0.0 14.2 42.6#

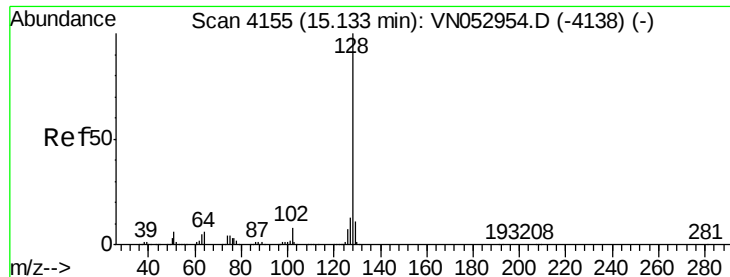


Abundance Ion 179.80 (179.50 to 180.50): VN052954.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN052954.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN052954.D (-4070) (-)





#95

Naphthalene

Concen: 1.177 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

Instrument :

MSVOA_N

ClientSampleId :

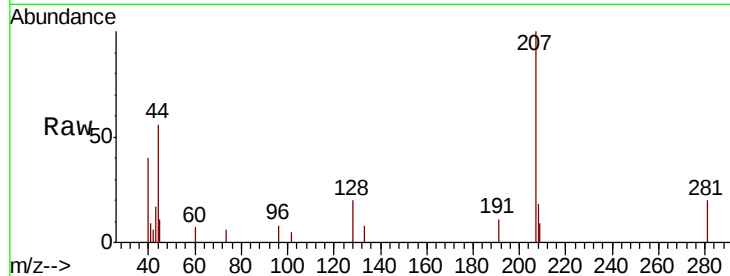
Tot Ion:128 Resp: 950

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

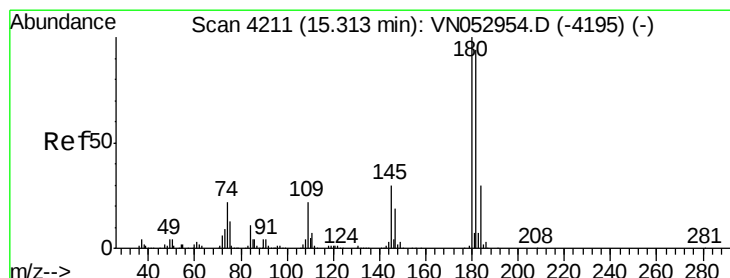
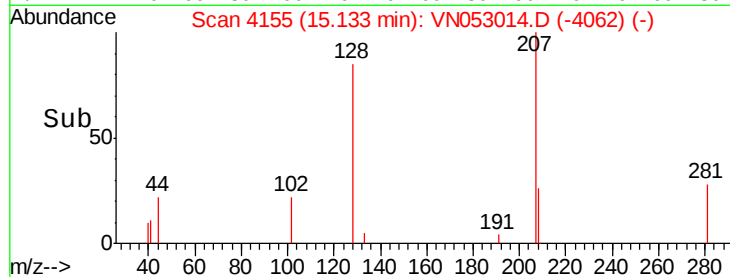
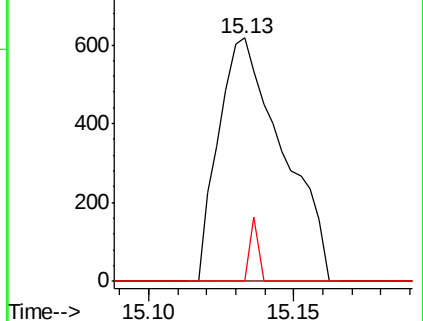
129 3.3 8.6 13.0#



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: 0.520 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN053014.D

Acq: 19 Dec 2018 16:36

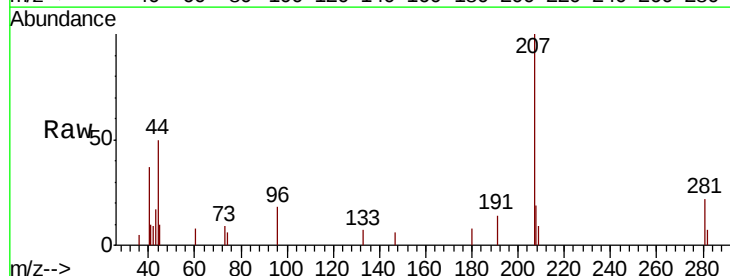
Tgt Ion:180 Resp: 152

Ion Ratio Lower Upper

180 100

182 72.4 47.9 143.7

145 0.0 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

