

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
 Data File : VN058115.D
 Acq On : 16 Sep 2019 13:56
 Operator : JC/SP
 Sample : K4719-25
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-4(1.5)-BRUCKNER

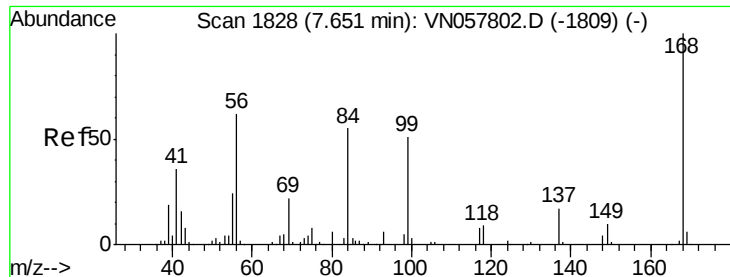
Quant Time: Sep 17 03:50:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	312262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	247060	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357986	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	
35) Dibromofluoromethane	7.58	113	243319	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.09	98	956824	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	322750	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	148	Below Cal		89
16) Acetone	3.80	43	24447	11.791	ug/l	91
18) Methyl Acetate	4.30	43	3102	0.561	ug/l	98
20) Methylene Chloride	4.53	84	14640	2.541	ug/l	96
25) 2-Butanone	6.83	43	1047	0.349	ug/l	92
29) Tetrahydrofuran	7.21	42	1009	0.546	ug/l	93
31) Cyclohexane	7.65	56	7839	Below Cal	#	19
36) 1,1-Dichloropropene	7.65	75	26249	4.385	ug/l #	51
38) Carbon Tetrachloride	7.65	117	32052	5.864	ug/l #	16
41) Methacrylonitrile	7.20	41	903	0.322	ug/l #	34
43) Isopropyl Acetate	8.16	43	120162	11.553	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	1568	0.299	ug/l #	44
48) Methyl methacrylate	9.18	41	5398	1.023	ug/l #	13
49) 1,4-Dioxane	9.25	88	30	0.336	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7899	1.283	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	43872	5.963	ug/l #	67
56) Ethyl methacrylate	10.54	69	2152	0.297	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	5322	0.642	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	687	0.201	ug/l #	50
59) 2-Hexanone	10.76	43	90776	19.676	ug/l #	52
71) Bromoform	12.41	173	773	0.292	ug/l #	1
74) N-amyl acetate	12.04	43	4701	0.563	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	174725	31.263	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	174725	110.014	ug/l #	6
95) Naphthalene	15.14	128	1543	Below Cal	#	75
96) 1,2,3-Trichlorobenzene	15.29	180	31	1.004	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

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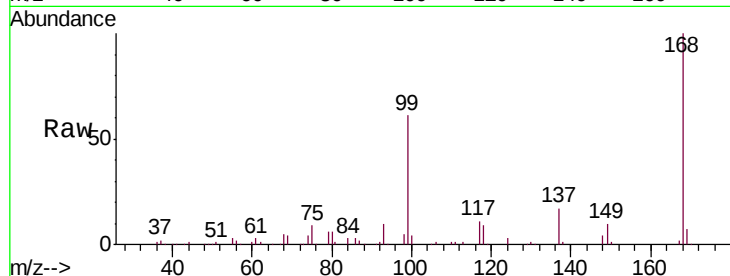
T4-4-(1.5)-BRUCKNER

Tgt Ion:168 Resp: 312262

Ion Ratio Lower Upper

168 100

99 61.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

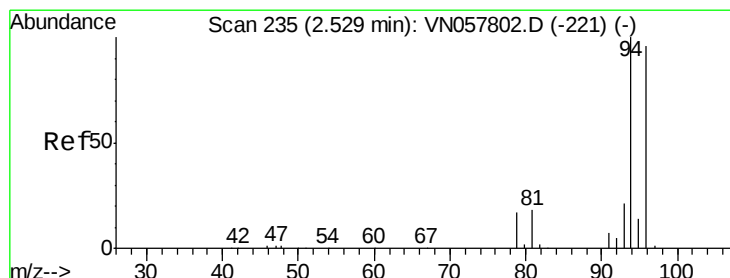
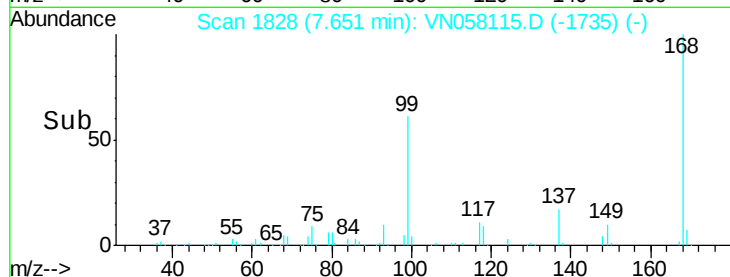
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 244

Delta R.T. 0.03 min

Lab File: VN058115.D

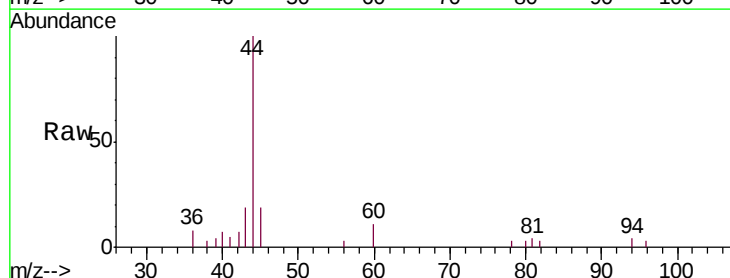
Acq: 16 Sep 2019 13:56

Tgt Ion: 94 Resp: 148

Ion Ratio Lower Upper

94 100

96 85.5 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

250

200

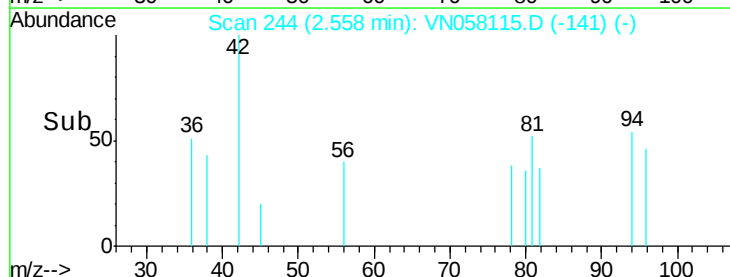
150

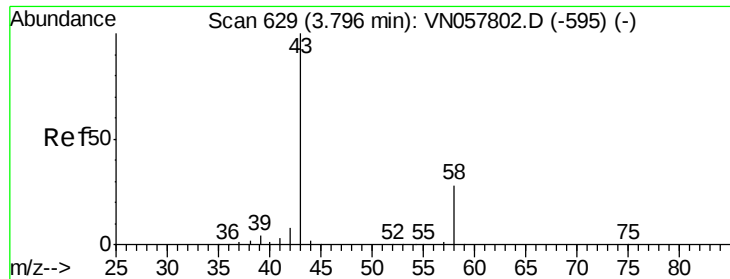
100

50

0

Time-->





#16

Acetone

Concen: 11.791 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

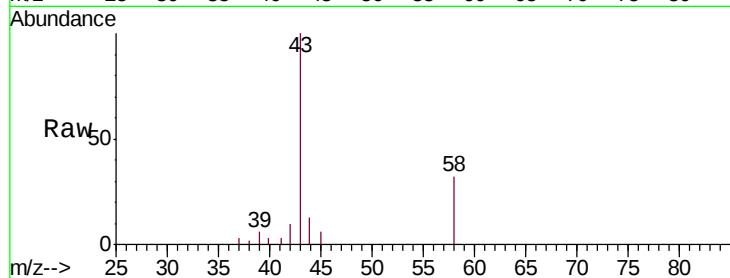
T4-4-(1.5)-BRUCKNER

Tgt Ion: 43 Resp: 24447

Ion Ratio Lower Upper

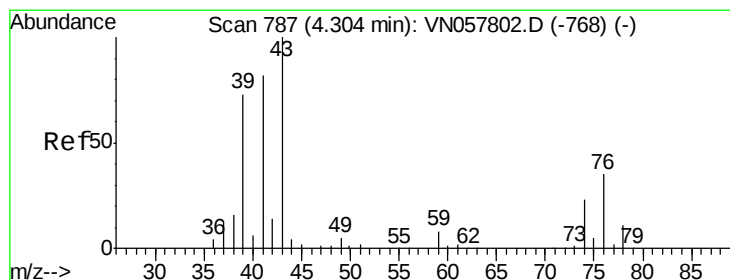
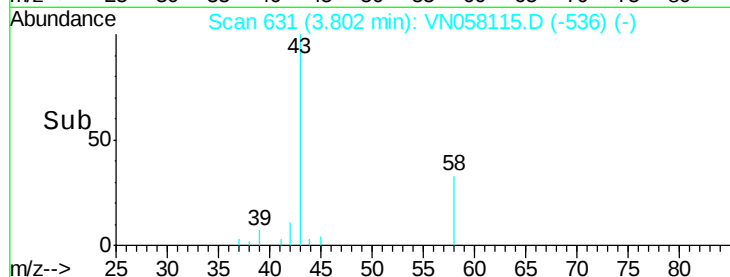
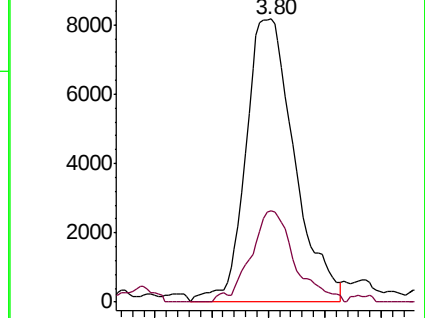
43 100

58 32.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN058115.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058115.D (-536) (-)



#18

Methyl Acetate

Concen: 0.561 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058115.D

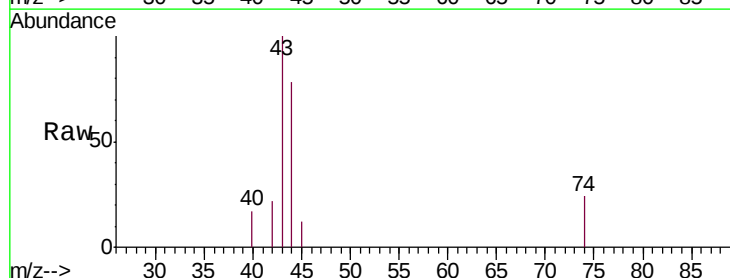
Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 3102

Ion Ratio Lower Upper

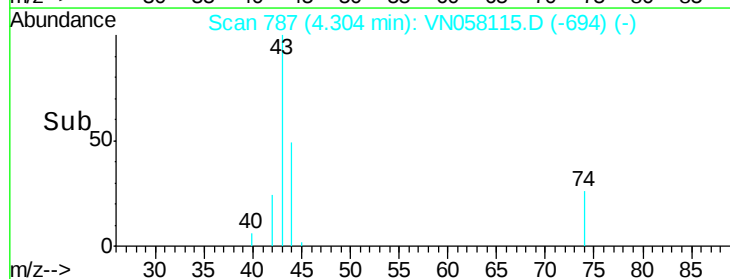
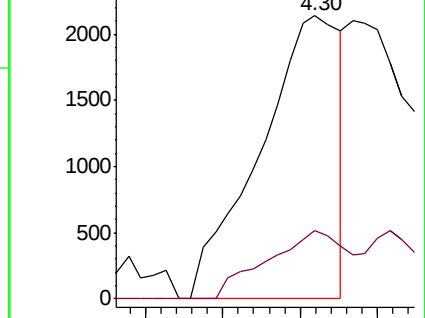
43 100

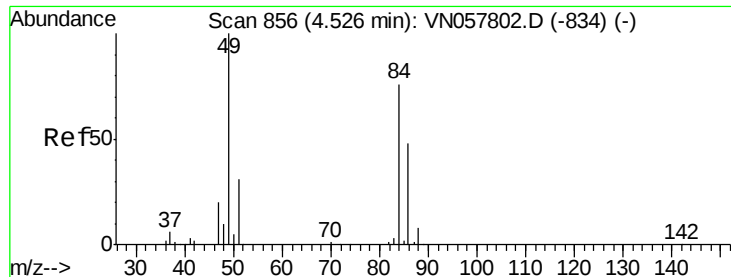
74 23.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN058115.D (-694) (-)

Ion 74.00 (73.70 to 74.70): VN058115.D (-694) (-)

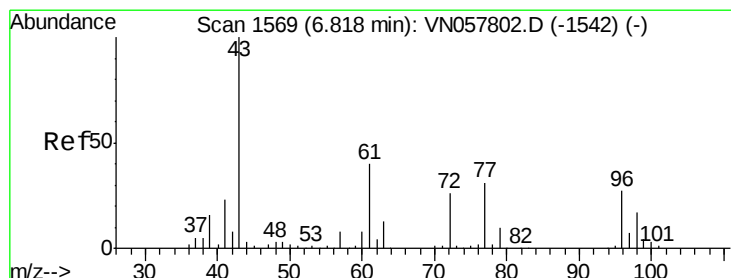
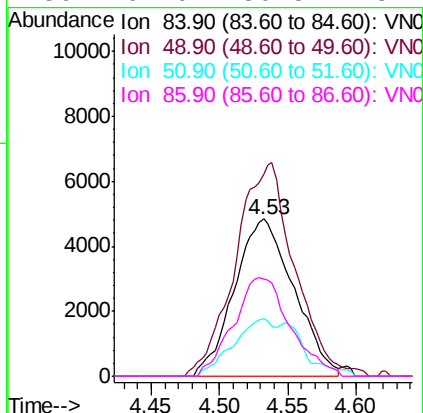
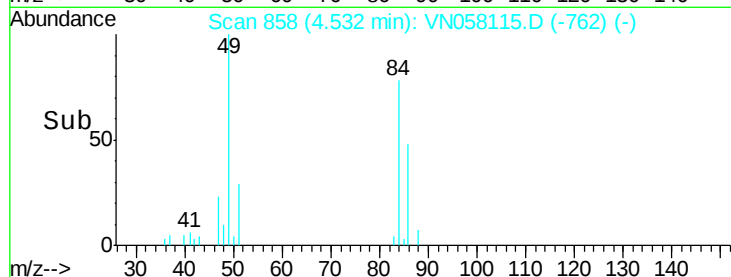
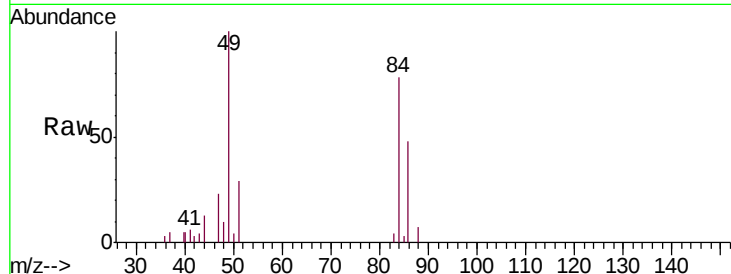




#20
Methylene Chloride
Concen: 2.541 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

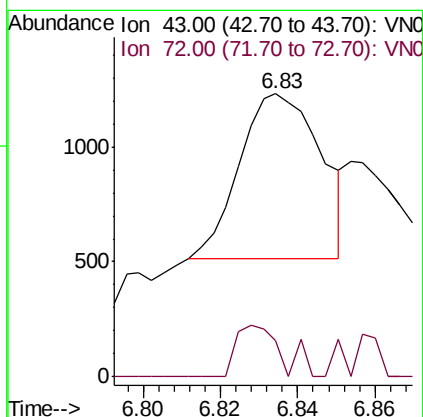
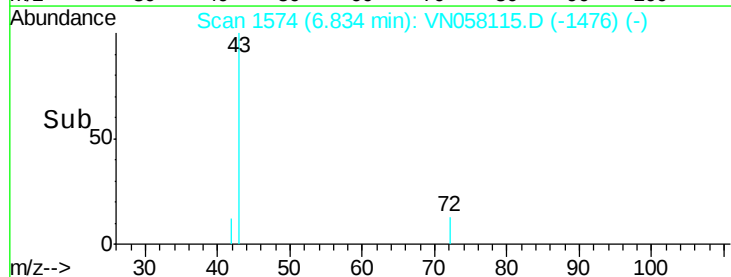
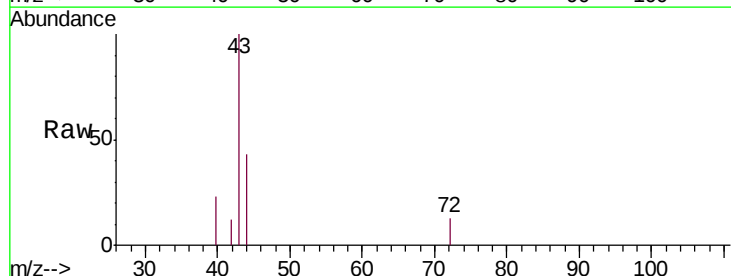
Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

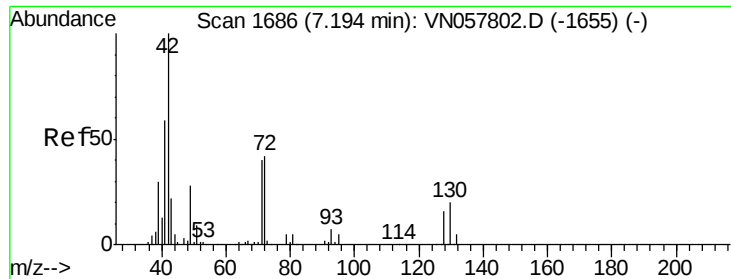
Tgt Ion: 84 Resp: 14640
Ion Ratio Lower Upper
84 100
49 125.4 104.8 157.2
51 36.7 33.0 49.4
86 62.0 50.5 75.7



#25
2-Butanone
Concen: 0.349 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
72 21.8 20.6 30.8

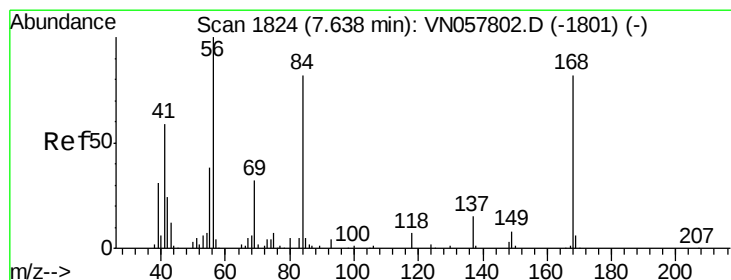
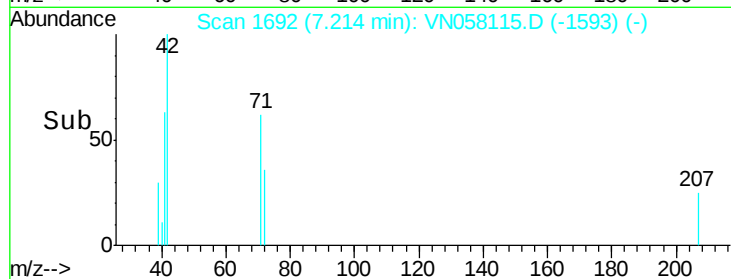
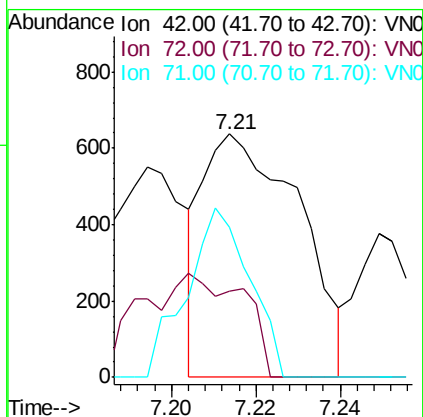
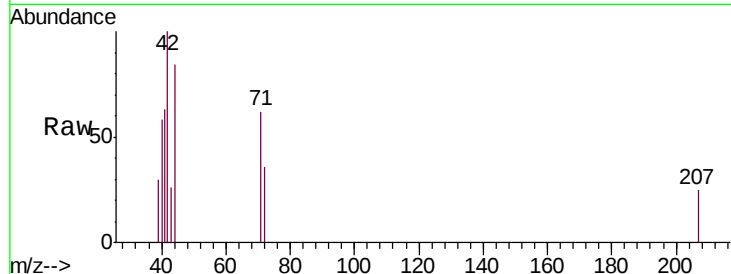




#29
Tetrahydrofuran
Concen: 0.546 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

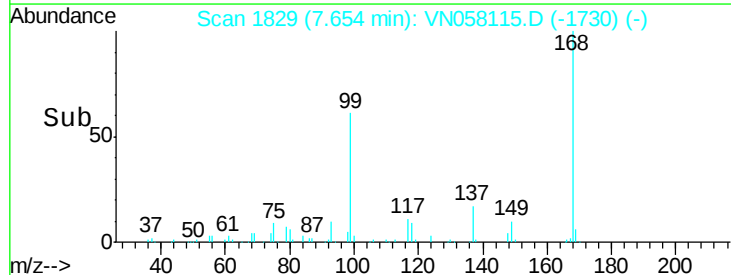
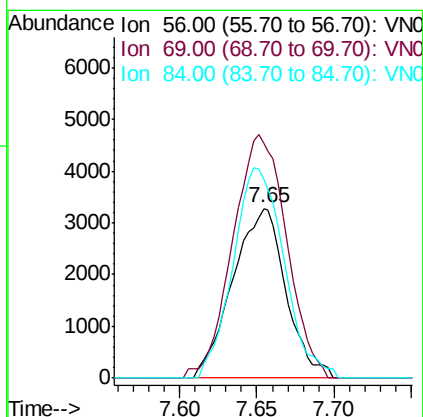
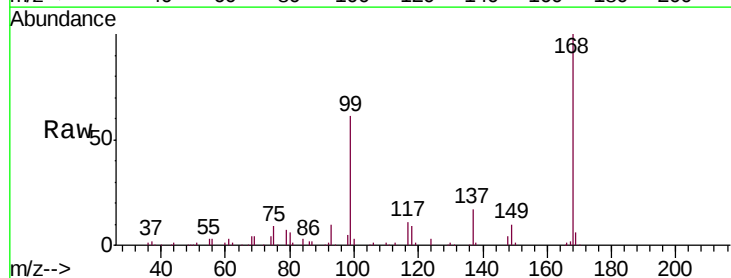
Instrument :
MSVOA_N
ClientSampleId :
T4-4(1.5)-BRUCKNER

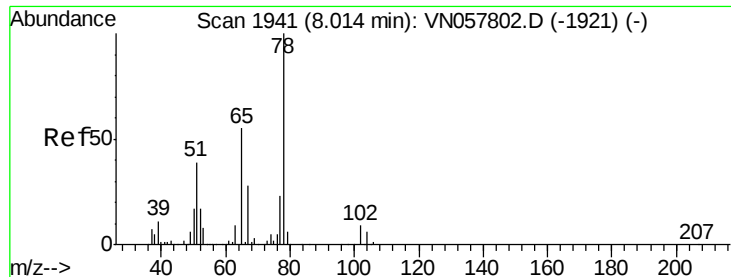
Tgt Ion: 42 Resp: 1009
Ion Ratio Lower Upper
42 100
72 45.1 33.7 50.5
71 45.6 31.9 47.9



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 56 Resp: 7839
Ion Ratio Lower Upper
56 100
69 138.0 25.9 38.9#
84 116.7 65.6 98.4#

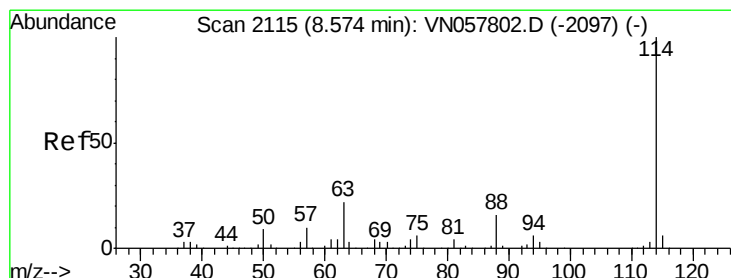
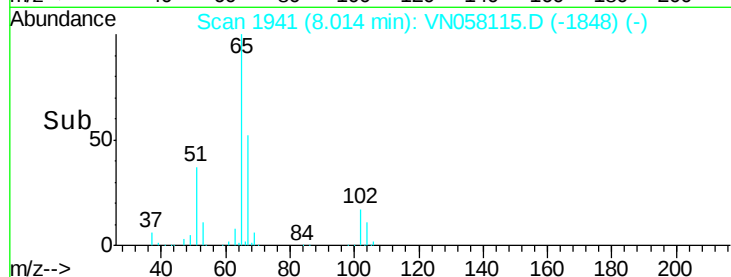
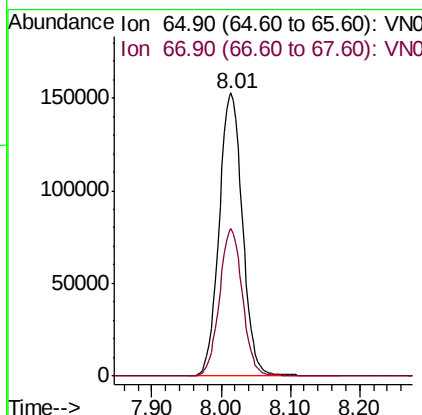
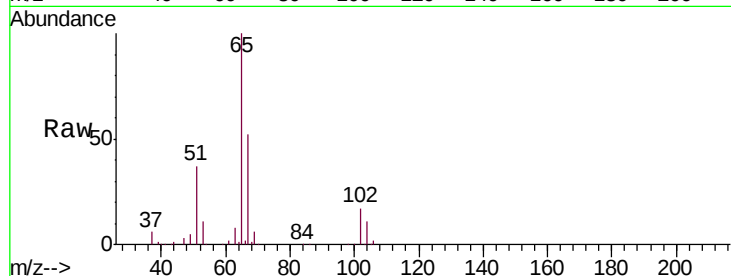




#33
 1,2-Dichloroethane-d4
 Concen: 56.602 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

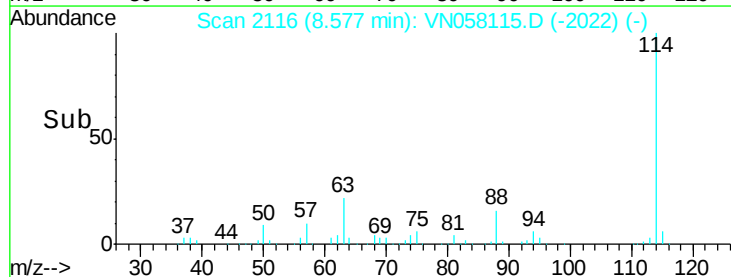
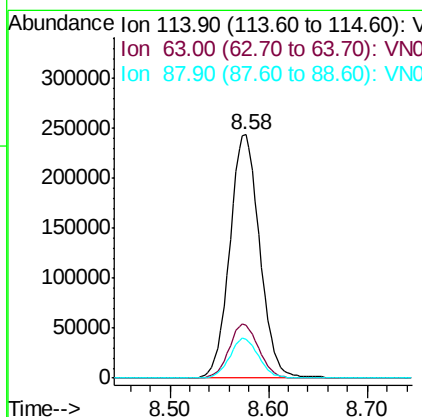
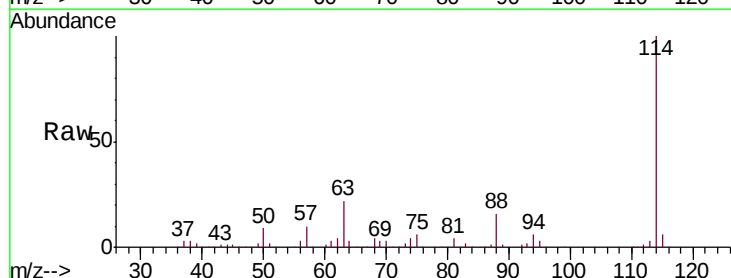
Instrument :
 MSVOA_N
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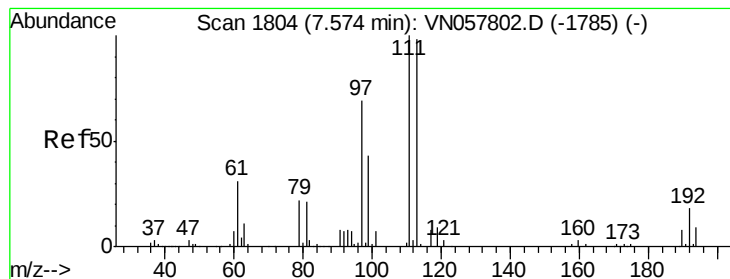
Tgt Ion: 65 Resp: 357986
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

Tgt Ion: 114 Resp: 516180
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.0
 88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.073 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

T4-4-(1.5)-BRUCKNER

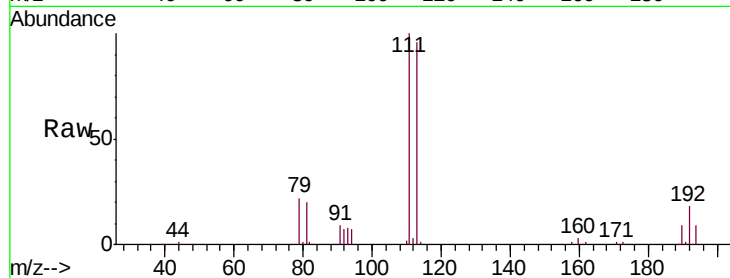
Tgt Ion: 113 Resp: 243319

Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

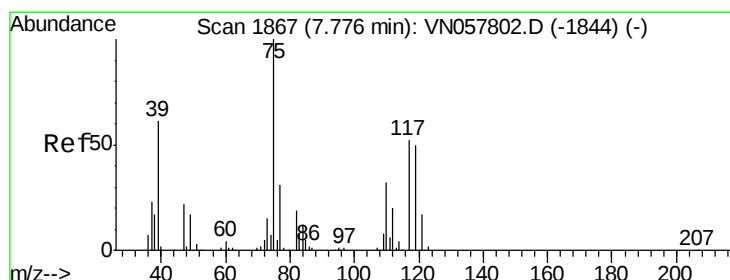
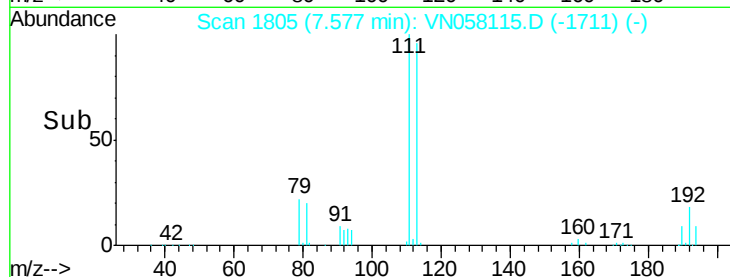
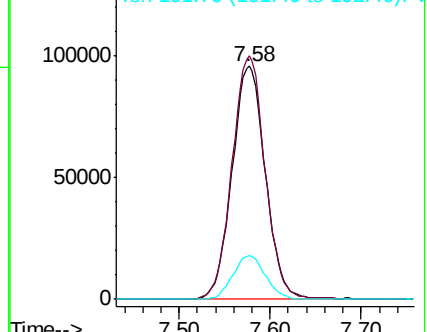
192 18.3 14.6 22.0



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: 4.385 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

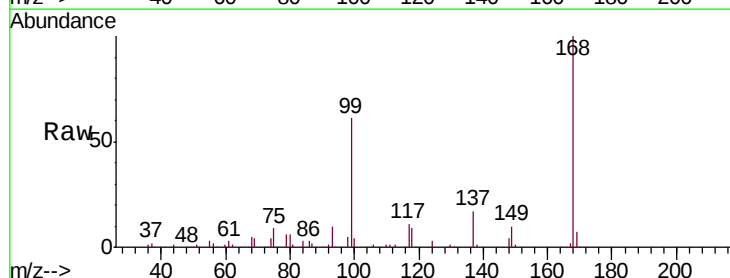
Tgt Ion: 75 Resp: 26249

Ion Ratio Lower Upper

75 100

110 8.6 16.3 48.9#

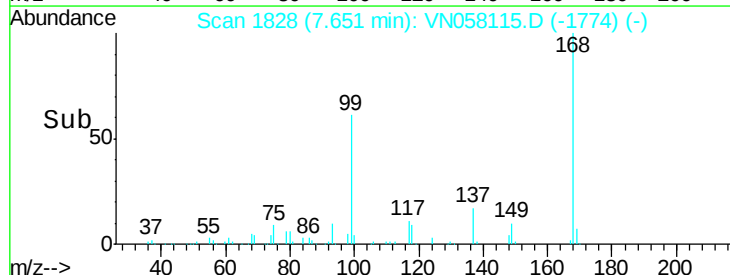
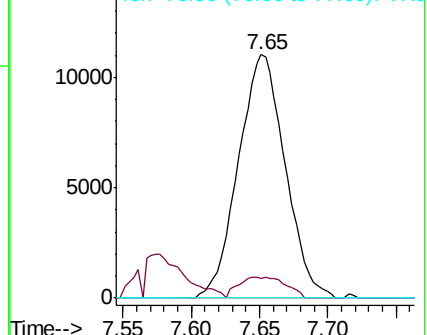
77 0.0 25.0 37.4#

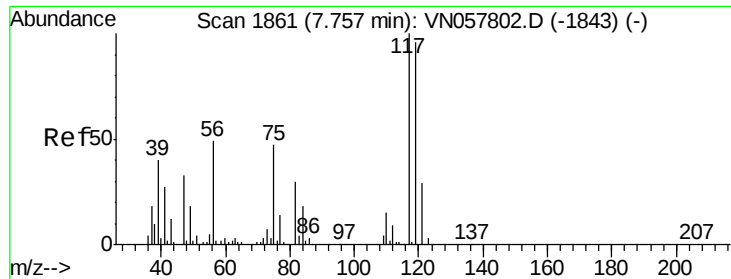


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.864 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

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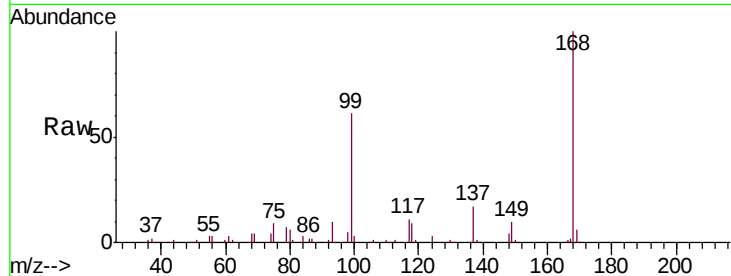
Tgt Ion: 117 Resp: 32052

Ion Ratio Lower Upper

117 100

119 4.8 76.9 115.3#

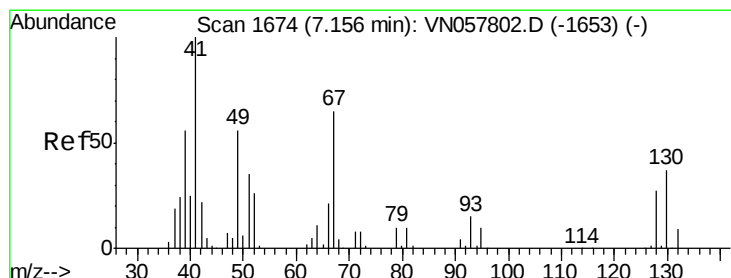
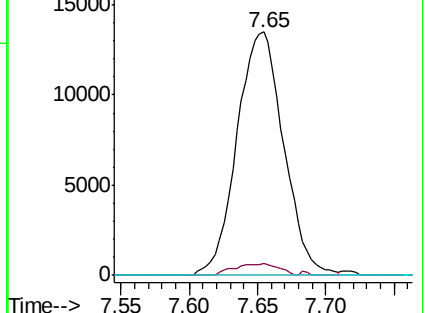
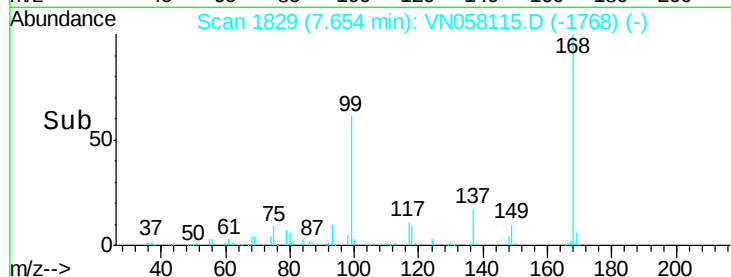
121 0.0 23.4 35.2#



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



#41

Methacrylonitrile

Concen: 0.322 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.05 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Tgt Ion: 41 Resp: 903

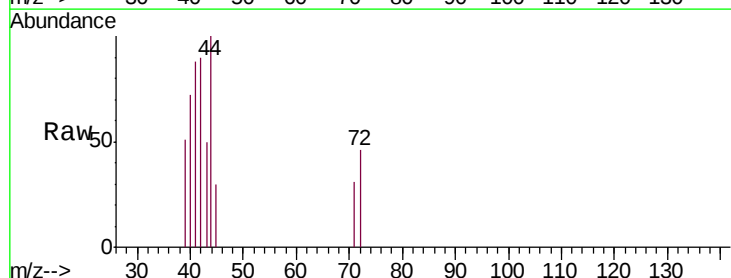
Ion Ratio Lower Upper

41 100

39 42.3 51.0 76.6#

67 0.0 70.7 106.1#

52 0.0 30.8 46.2#

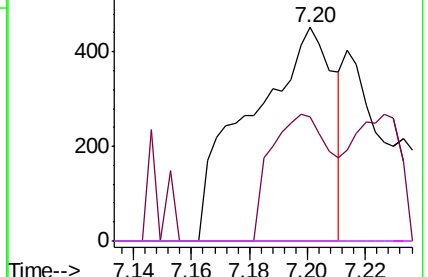
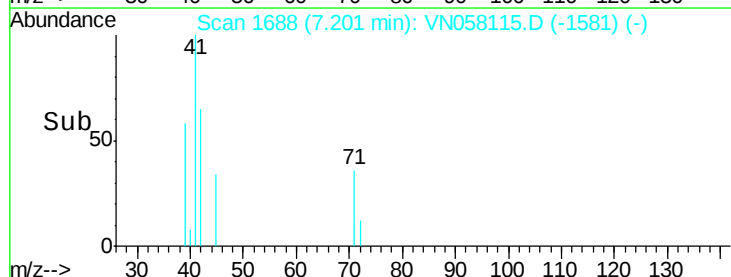


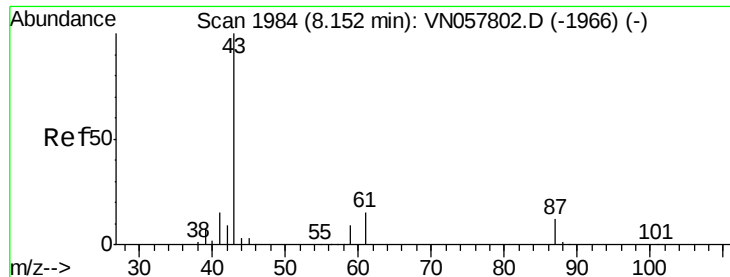
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 11.553 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

T4-4-(1.5)-BRUCKNER

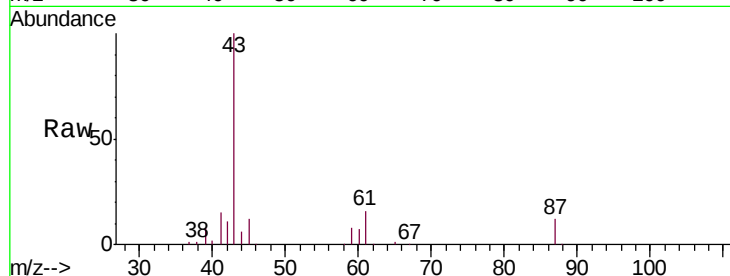
Tgt Ion: 43 Resp: 120162

Ion Ratio Lower Upper

43 100

61 14.2 20.1 30.1#

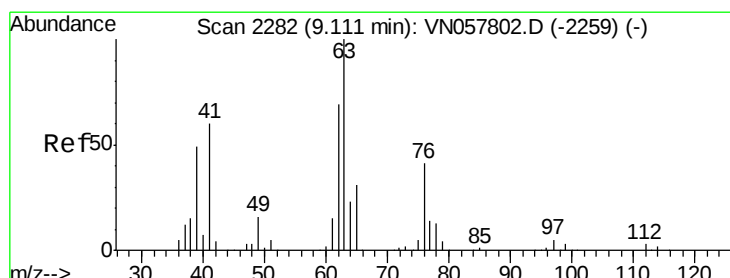
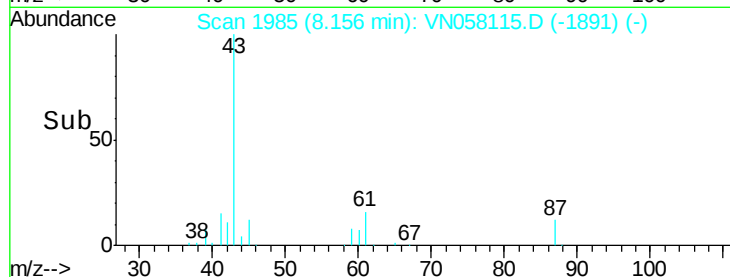
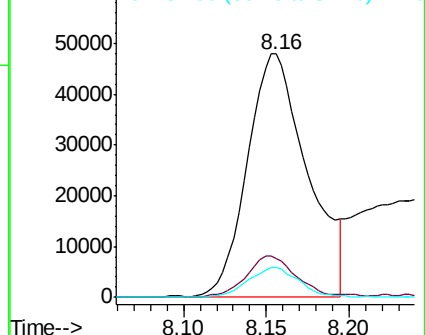
87 10.4 9.5 14.3



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



#45

1,2-Dichloropropane

Concen: 0.299 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN058115.D

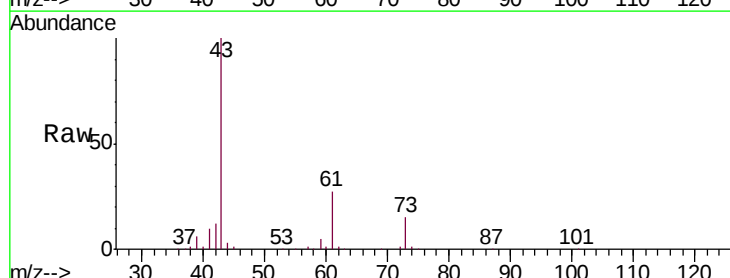
Acq: 16 Sep 2019 13:56

Tgt Ion: 63 Resp: 1568

Ion Ratio Lower Upper

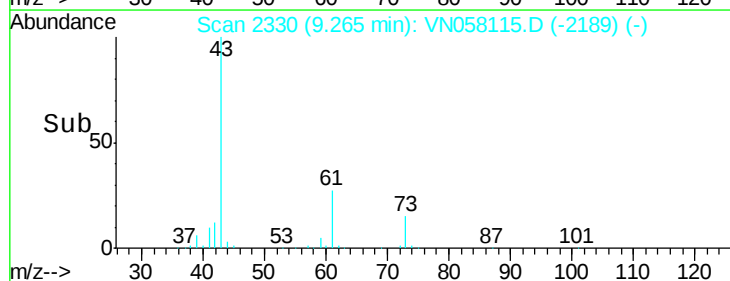
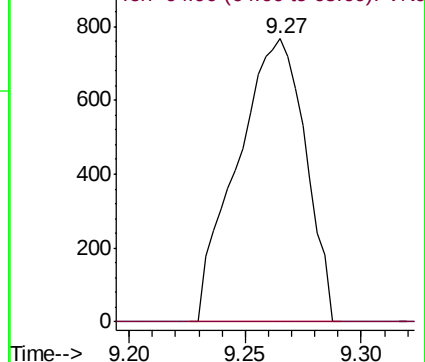
63 100

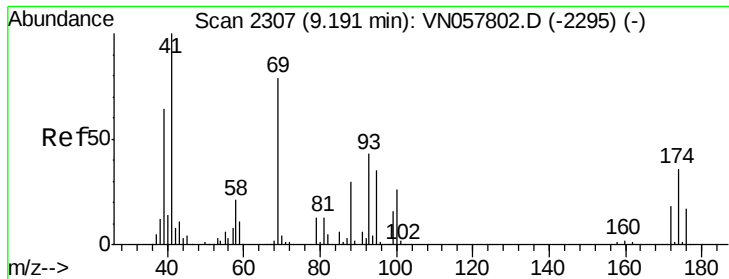
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

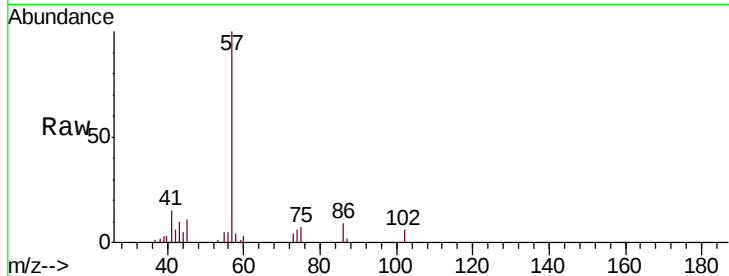




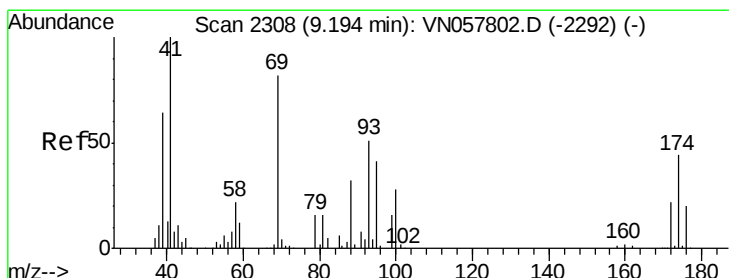
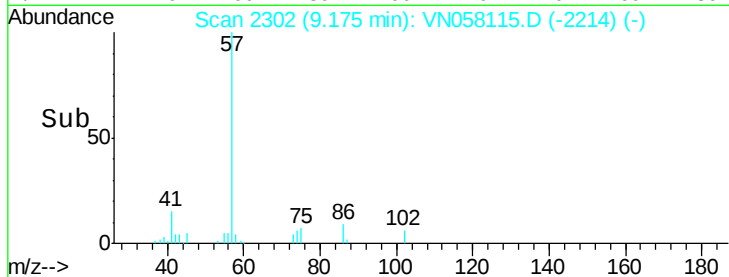
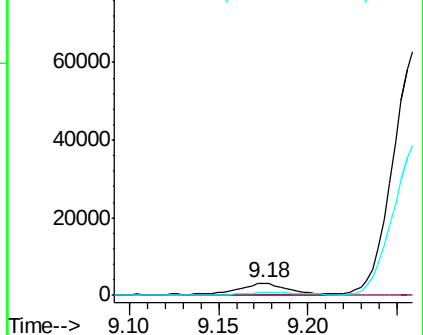
#48
Methyl methacrylate
Concen: 1.023 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4(1.5)-BRUCKNER

Tgt Ion: 41 Resp: 5398
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 0.0 52.7 79.1#

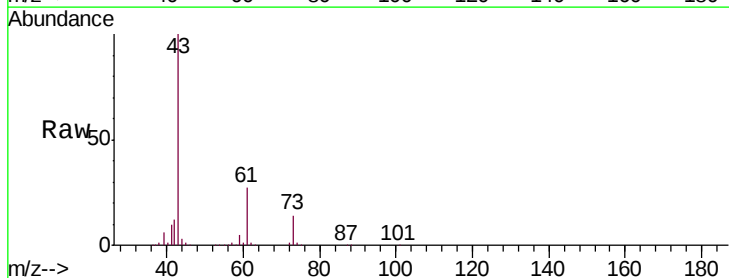


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

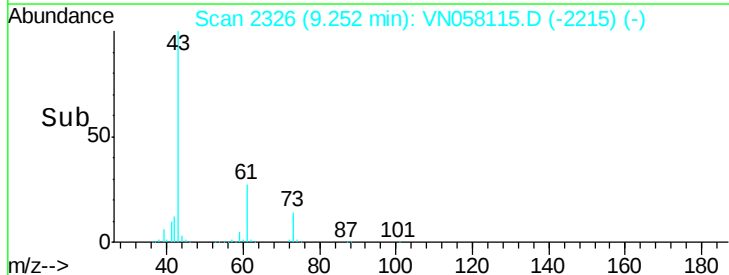
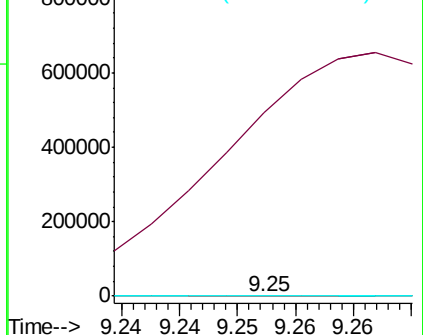


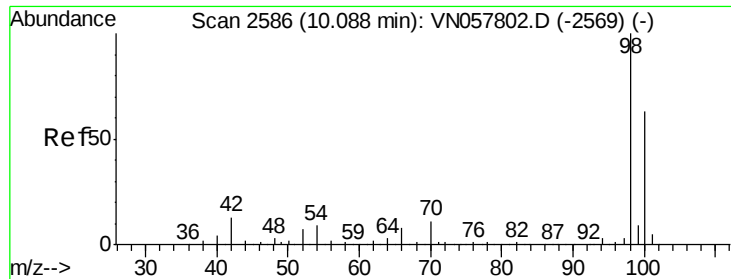
#49
1,4-Dioxane
Concen: 0.336 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 4031290.0 28.5 42.7#
58 18833.3 55.8 83.6#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 51.729 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

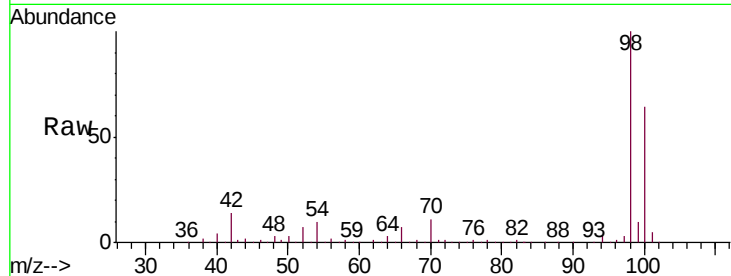
T4-4(1.5)-BRUCKNER

Tgt Ion: 98 Resp: 956824

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

600000

500000

400000

300000

200000

100000

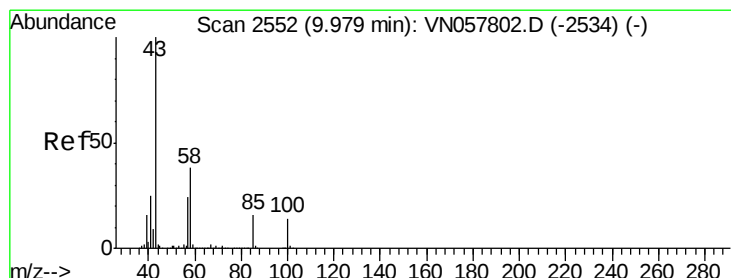
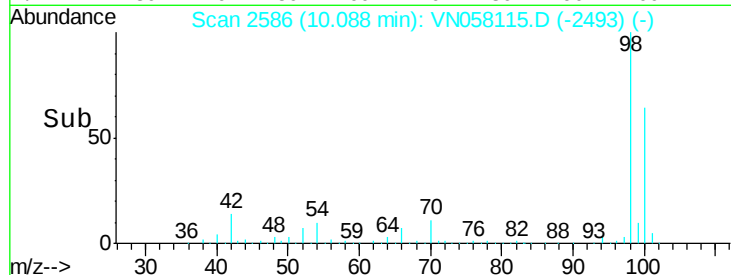
0

10.09

10.10

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.283 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058115.D

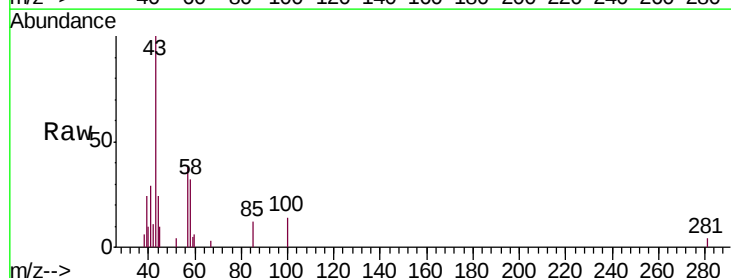
Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 7899

Ion Ratio Lower Upper

43 100

58 38.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

10000

5000

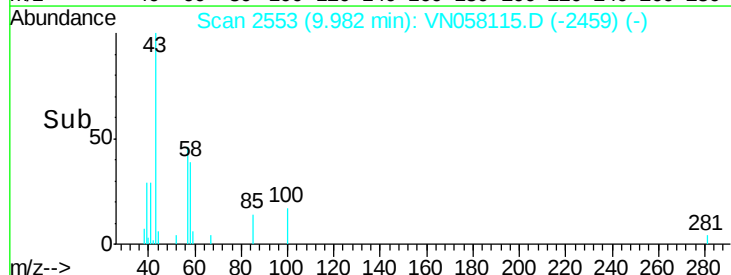
0

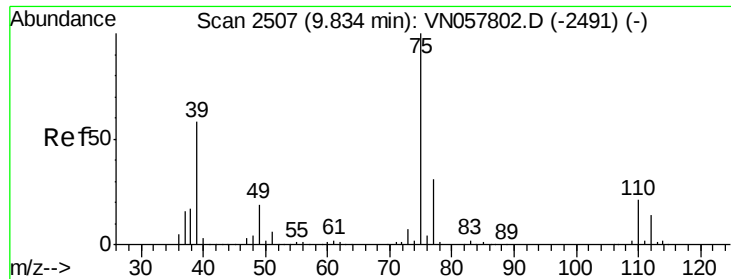
9.98

9.95

10.00

Time-->



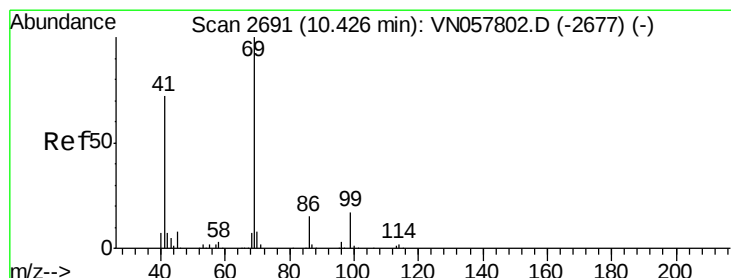
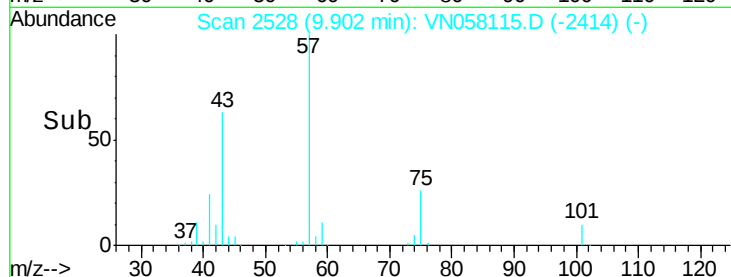
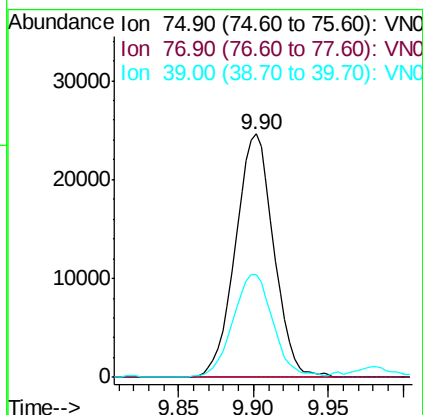
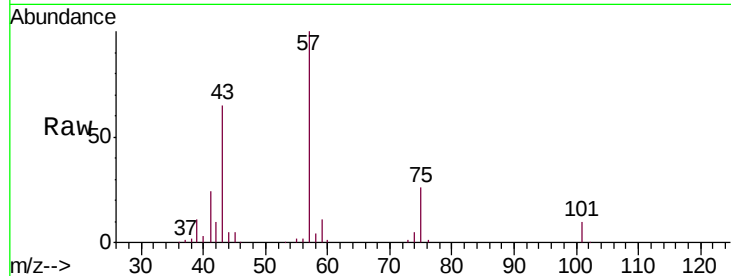


#54

cis-1,3-Dichloropropene
 Concen: 5.963 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-4(1.5)-BRUCKNER

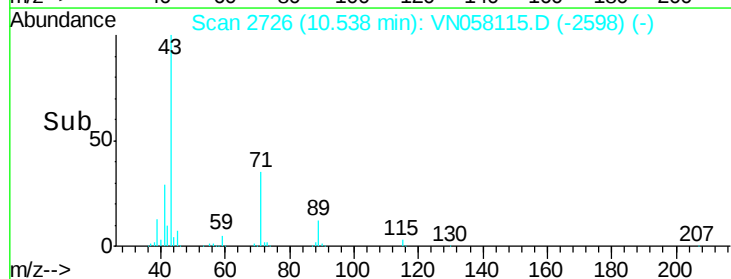
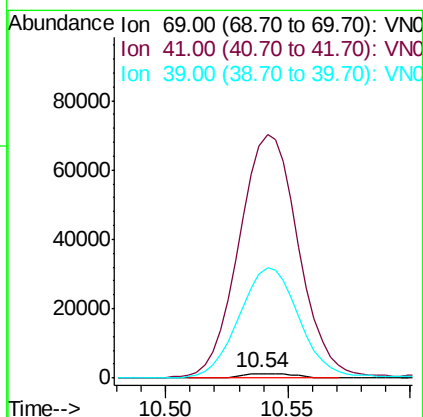
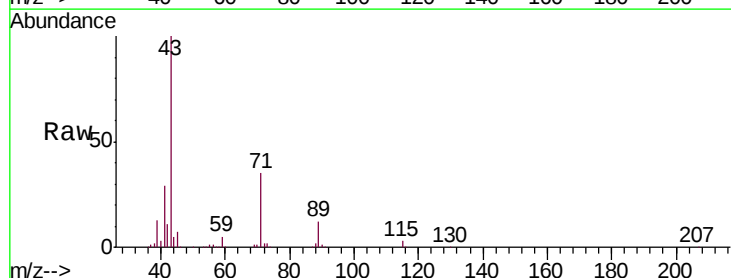
Tgt Ion: 75 Resp: 43872
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 42.1 46.2 69.4#

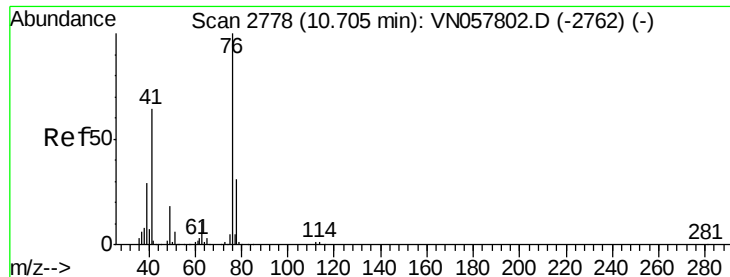


#56

Ethyl methacrylate
 Concen: 0.297 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.11 min
 Lab File: VN058115.D
 Acq: 16 Sep 2019 13:56

Tgt Ion: 69 Resp: 2152
 Ion Ratio Lower Upper
 69 100
 41 5571.9 56.7 85.1#
 39 2504.9 36.3 54.5#





#57

1,3-Dichloropropane

Concen: 0.642 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

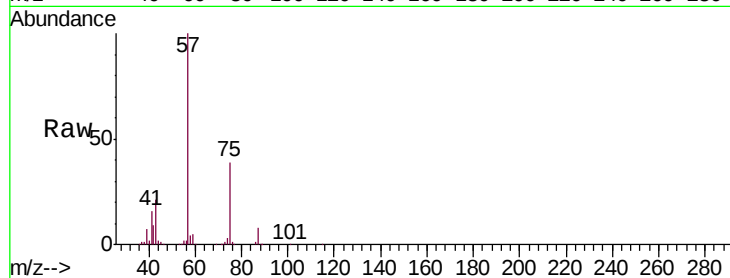
T4-4-(1.5)-BRUCKNER

Tgt Ion: 76 Resp: 5322

Ion Ratio Lower Upper

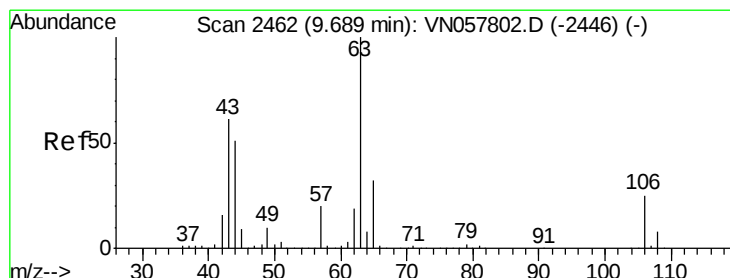
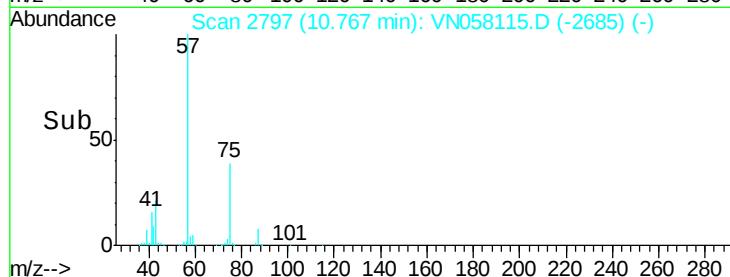
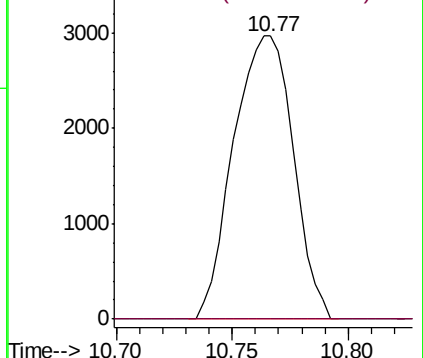
76 100

78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 0.201 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.01 min

Lab File: VN058115.D

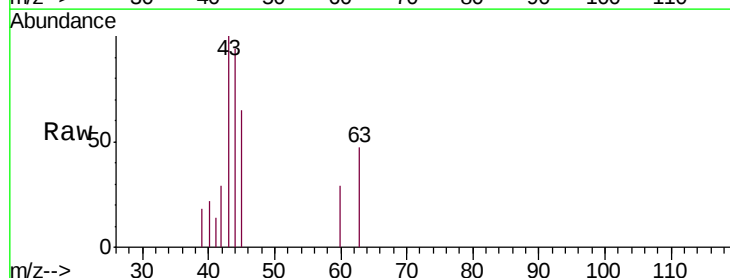
Acq: 16 Sep 2019 13:56

Tgt Ion: 63 Resp: 687

Ion Ratio Lower Upper

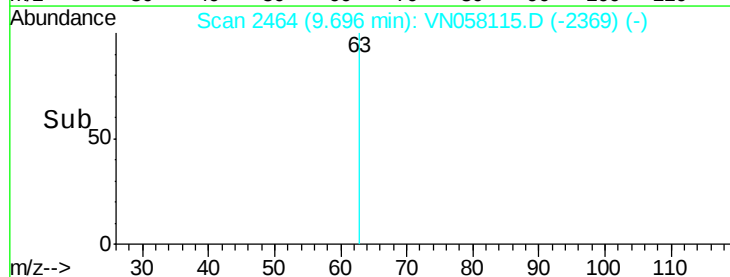
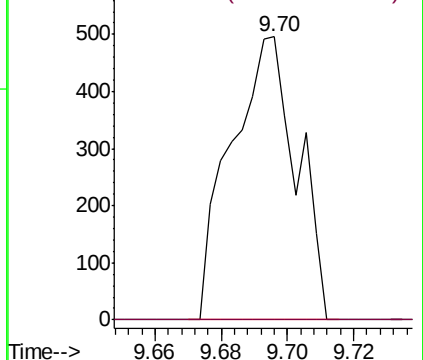
63 100

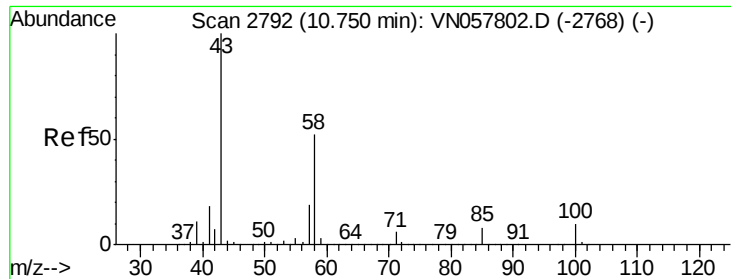
106 0.0 20.0 30.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

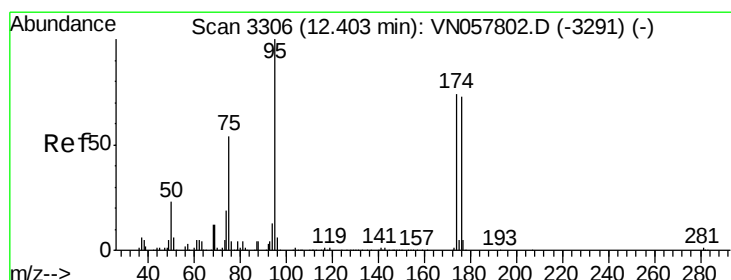
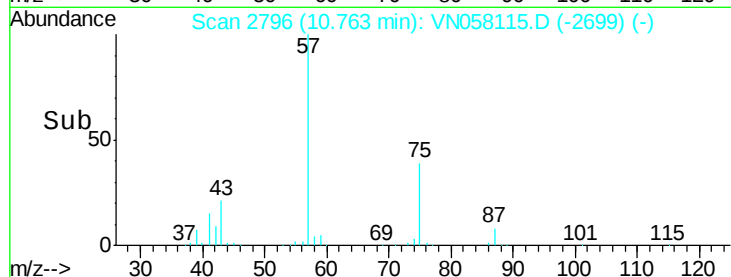
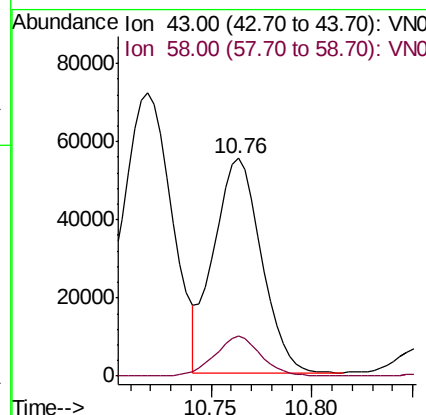
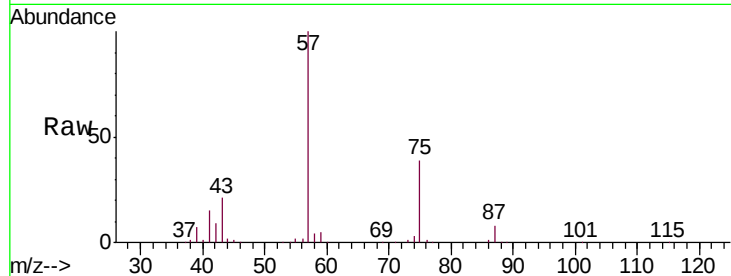




#59
2-Hexanone
Concen: 19.676 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

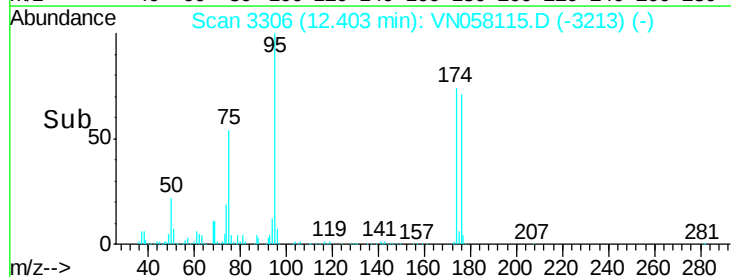
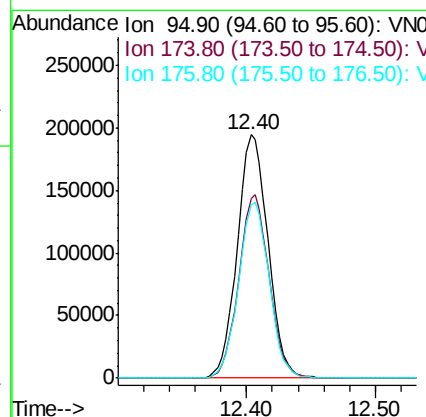
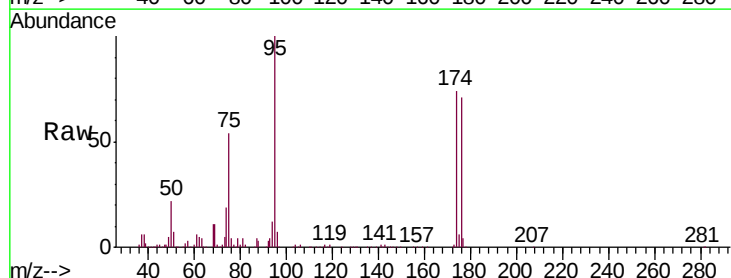
Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

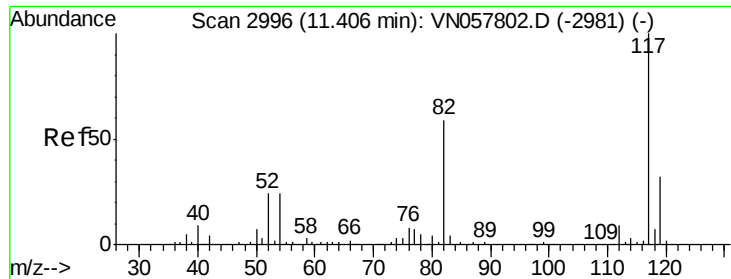
Tgt Ion: 43 Resp: 90776
Ion Ratio Lower Upper
43 100
58 17.9 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 45.787 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion: 95 Resp: 322750
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.2
176 72.1 0.0 146.0

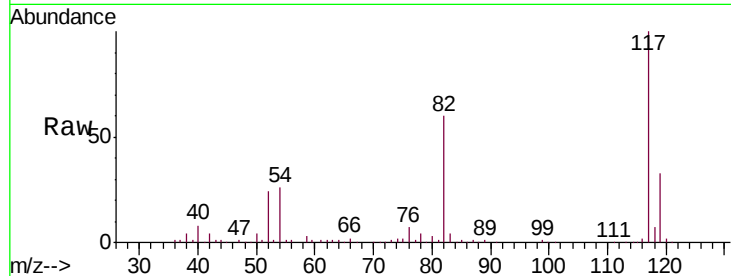




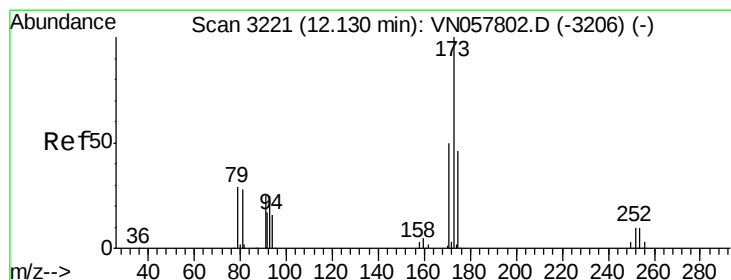
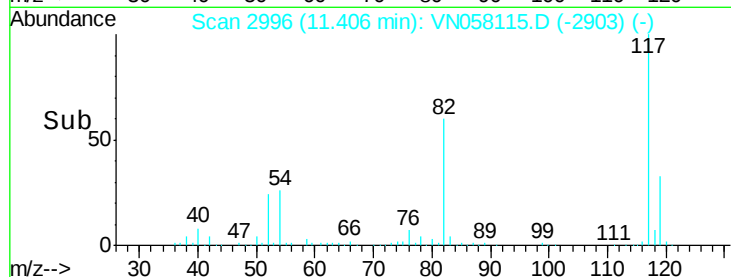
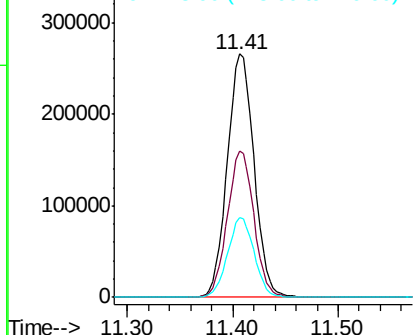
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
T4-4-(1.5)-BRUCKNER

Tgt Ion:117 Resp: 467560
Ion Ratio Lower Upper
117 100
82 60.2 47.2 70.8
119 32.8 25.3 37.9

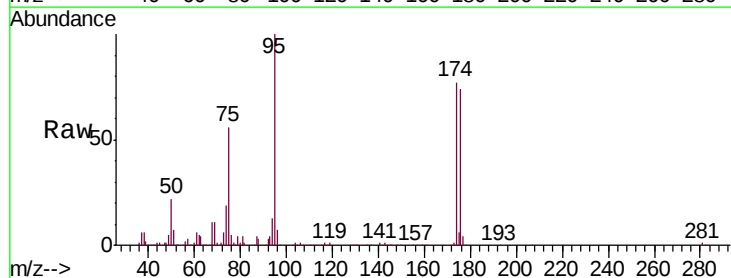


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

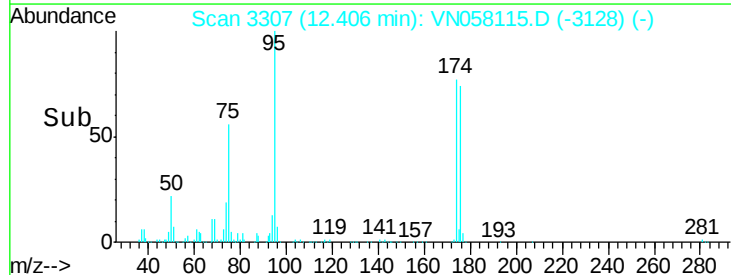
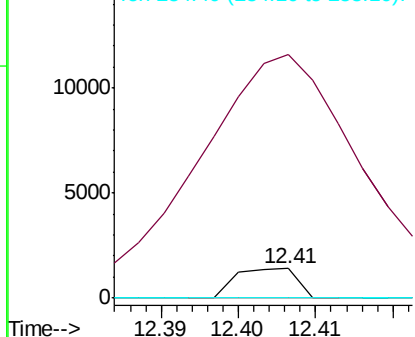


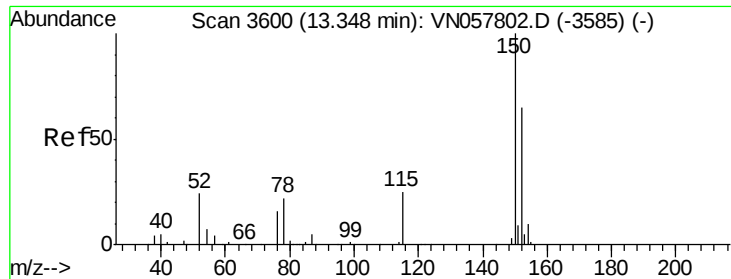
#71
Bromoform
Concen: 0.292 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058115.D
Acq: 16 Sep 2019 13:56

Tgt Ion:173 Resp: 773
Ion Ratio Lower Upper
173 100
175 2013.1 23.5 70.6#
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# 3600

Delta R.T. 0.00 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

T4-4(1.5)-BRUCKNER

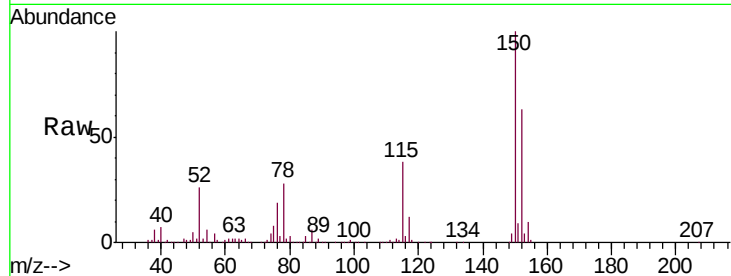
Tgt Ion:152 Resp: 247060

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

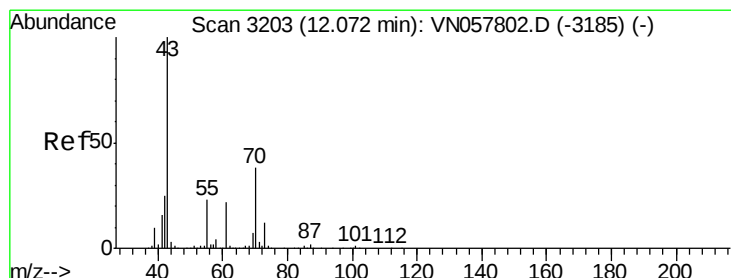
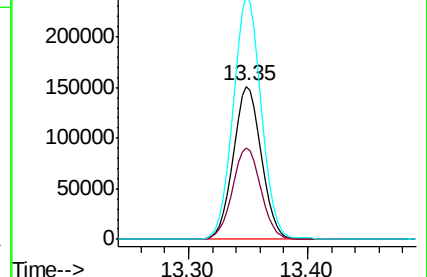
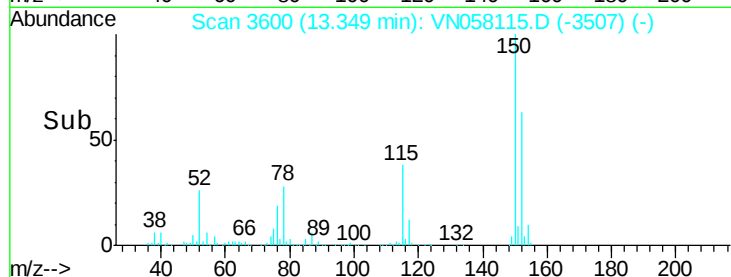
150 158.7 0.0 352.4



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



#74

N-ethyl acetate

Concen: 0.563 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Tgt Ion: 43 Resp: 4701

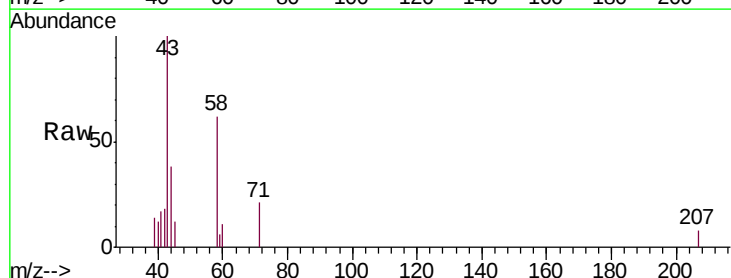
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 2.5 18.6 27.8#

61 0.0 17.4 26.2#

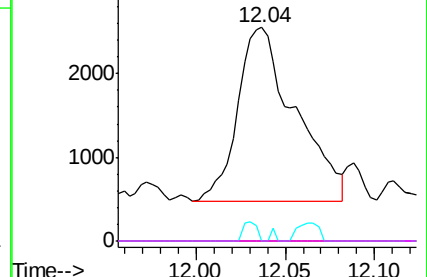
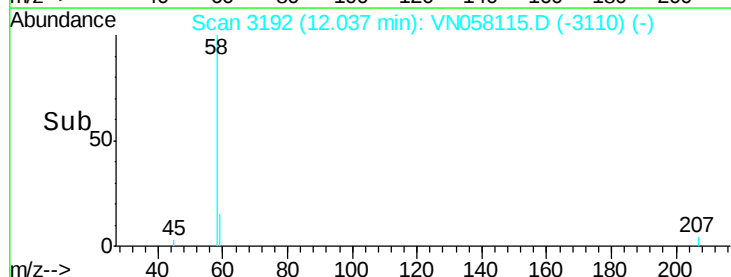


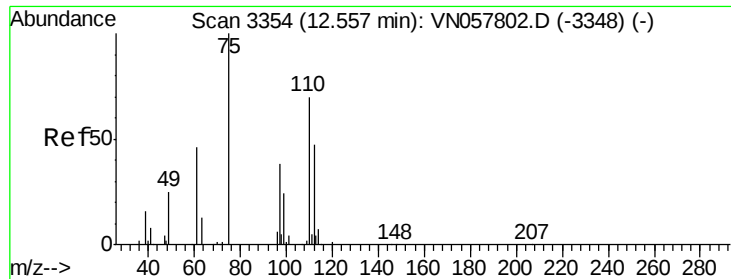
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 31.263 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

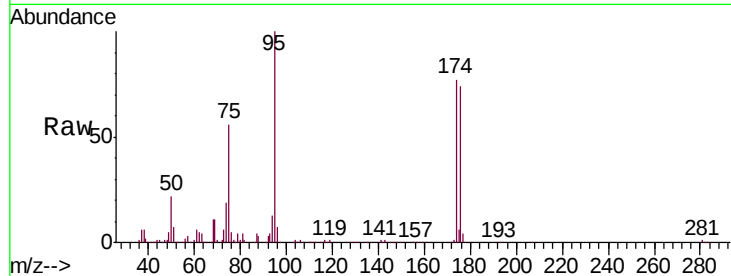
T4-4(1.5)-BRUCKNER

Tgt Ion: 75 Resp: 174725

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

100000

80000

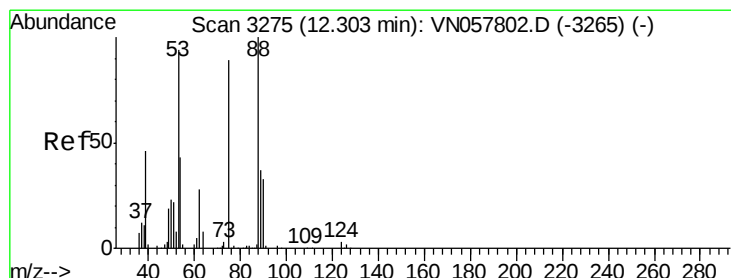
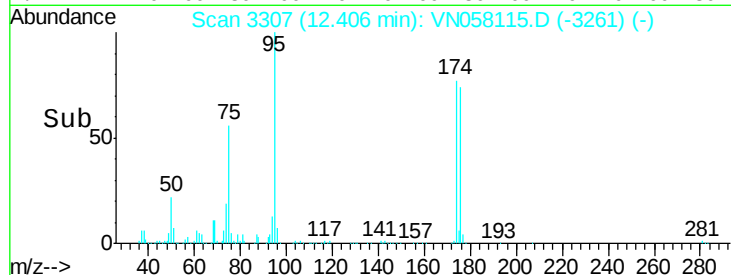
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 110.014 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

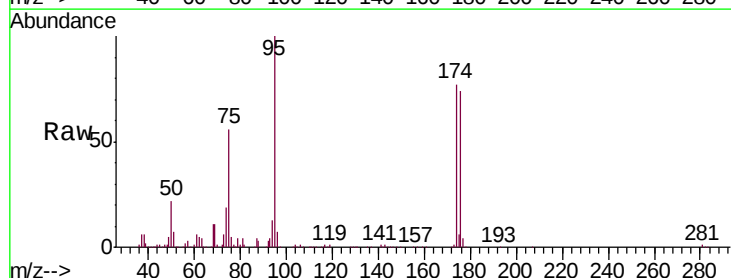
Tgt Ion: 75 Resp: 174725

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

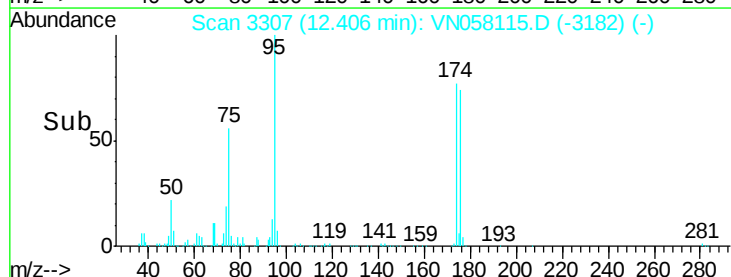
12.41

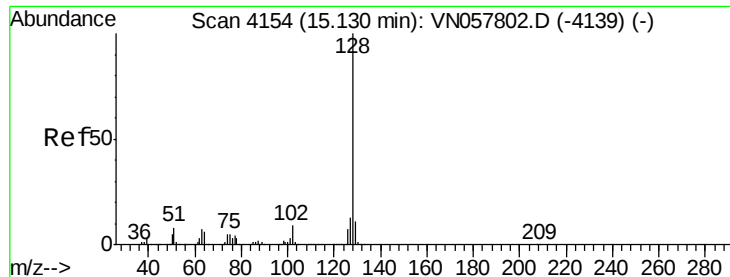
100000

50000

0

Time-->





#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

T4-4-(1.5)-BRUCKNER

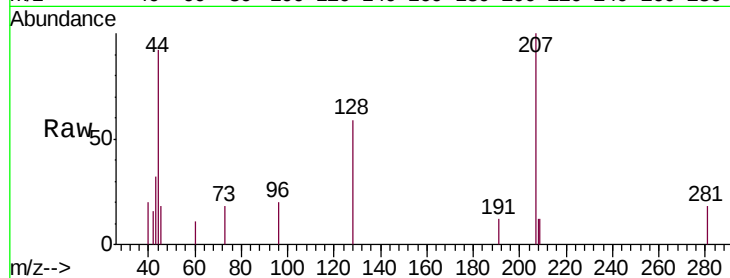
Tgt Ion:128 Resp: 1543

Ion Ratio Lower Upper

128 100

127 4.1 10.3 15.5#

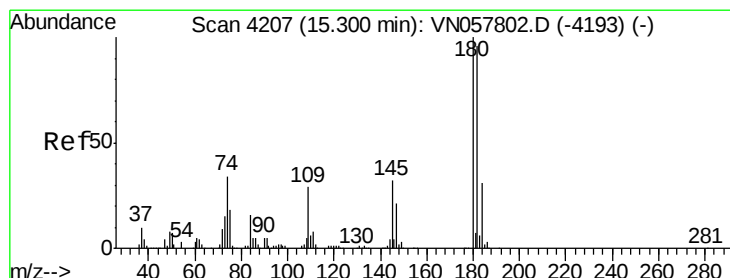
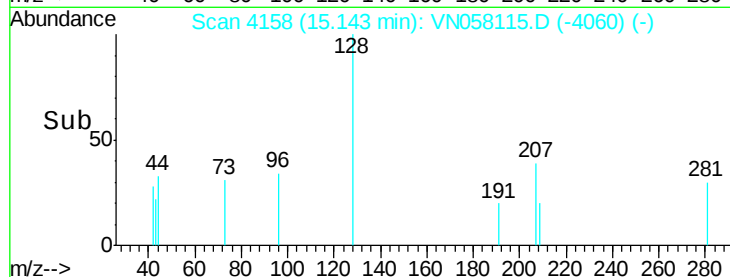
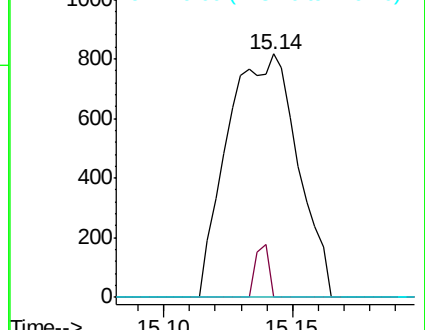
129 0.0 8.6 12.8#



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: 1.004 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.01 min

Lab File: VN058115.D

Acq: 16 Sep 2019 13:56

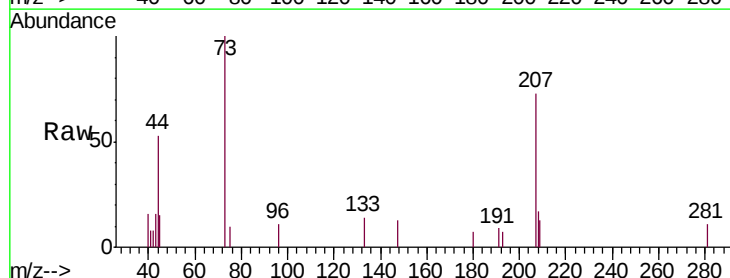
Tgt Ion:180 Resp: 31

Ion Ratio Lower Upper

180 100

182 209.7 48.3 144.8#

145 238.7 16.3 48.8#



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

