

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022420\
 Data File : VN060204.D
 Acq On : 24 Feb 2020 13:01
 Operator : JC/MD
 Sample : L1593-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE

Quant Time: Feb 24 15:49:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	278941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	120722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105274	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.57	113	84556	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.08	98	338250	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	120659	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	267	0.83	ug/l #	72
13) Acrolein	3.59	56	391	1.23	ug/l #	65
14) Allyl chloride	4.29	41	664	0.27	ug/l #	16
16) Acetone	3.78	43	450656	481.51	ug/l	99
17) Carbon Disulfide	4.04	76	5514	1.10	ug/l #	95
18) Methyl Acetate	4.29	43	41993	23.88	ug/l	97
20) Methylene Chloride	4.53	84	8145	4.36	ug/l	92
22) Diisopropyl ether	5.99	45	5978	1.11	ug/l #	1
23) Vinyl Acetate	5.98	43	15476	3.43	ug/l #	71
25) 2-Butanone	6.80	43	1643182	1395.96	ug/l	97
28) Bromochloromethane	7.16	49	1215	0.95	ug/l #	9
29) Tetrahydrofuran	7.15	42	14832	20.54	ug/l #	48
30) Chloroform	7.35	83	1016	0.30	ug/l	96
31) Cyclohexane	7.64	56	3702	1.22	ug/l #	7
36) 1,1-Dichloropropene	7.64	75	12684	4.91	ug/l #	48
37) Ethyl Acetate	6.90	43	77904	33.36	ug/l	97
38) Carbon Tetrachloride	7.64	117	16673	5.94	ug/l #	16
41) Methacrylonitrile	7.15	41	62142	63.46	ug/l #	100
43) Isopropyl Acetate	8.14	43	43286	10.84	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	675	0.36	ug/l #	43
48) Methyl methacrylate	9.16	41	5852	3.27	ug/l #	34
49) 1,4-Dioxane	9.39	88	189	6.18	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7149	3.09	ug/l #	66
52) Toluene	10.14	92	63399	12.90	ug/l	99
54) cis-1,3-Dichloropropene	9.89	75	18219	5.62	ug/l #	62
56) Ethyl methacrylate	10.53	69	1039	0.38	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	5544	1.75	ug/l #	43
59) 2-Hexanone	10.75	43	77513	43.43	ug/l #	51
68) m/p-Xylenes	11.62	106	726	0.20	ug/l	76
70) Styrene	11.96	104	2470	0.44	ug/l	94
74) N-amyl acetate	12.07	43	2630	0.81	ug/l #	80
76) 1,2,3-Trichloropropane	12.40	75	61683	26.71	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	61683	65.39	ug/l #	12
86) p-Isopropyltoluene	13.29	119	3122	0.39	ug/l	96

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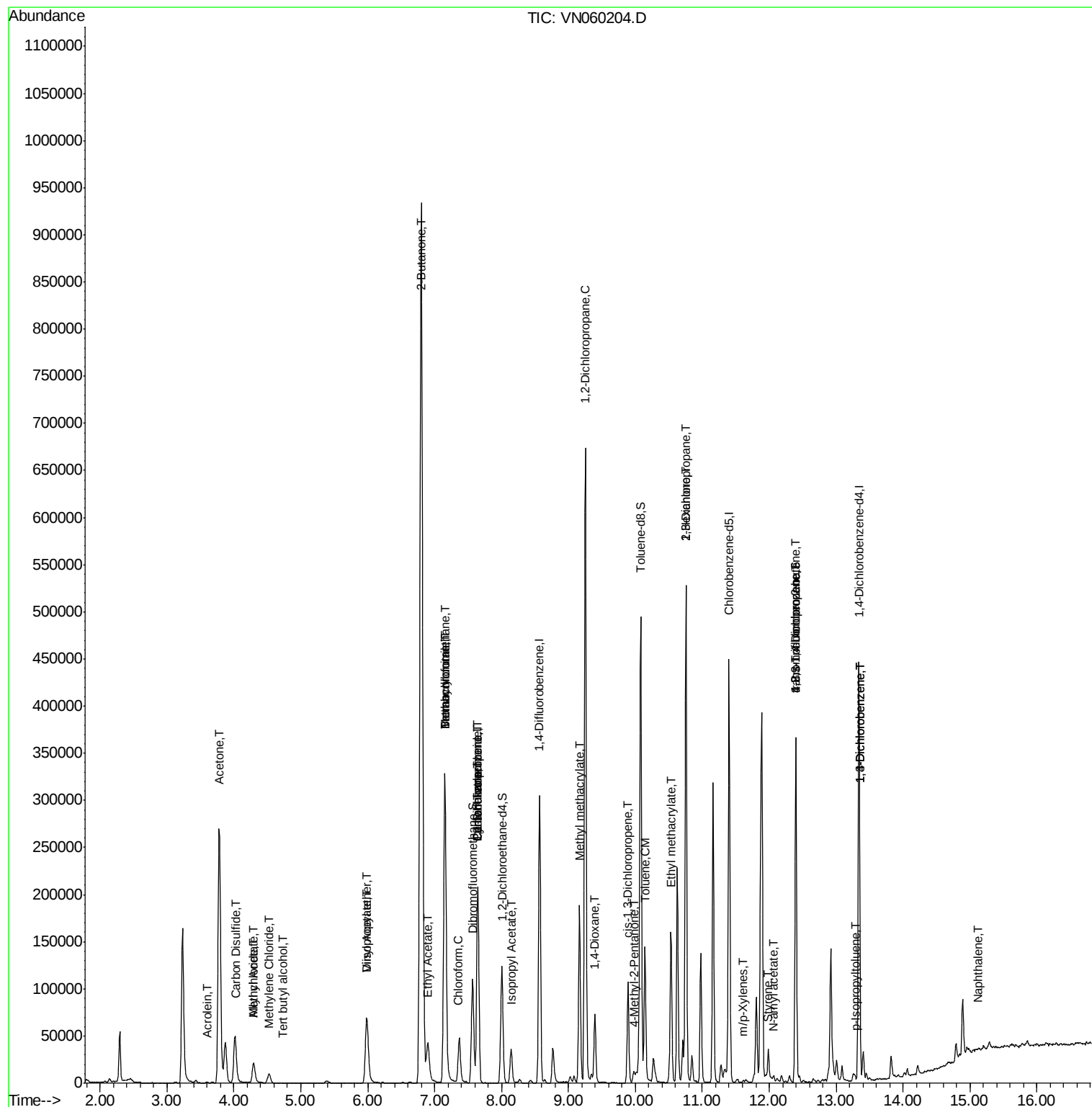
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.36	146	2549	0.64	ug/l #	46
88) 1,4-Dichlorobenzene	13.36	146	2549	0.64	ug/l #	45
92) 1,2-Dibromo-3-Chloropropan	14.31	75	131	Below Cal	#	1
95) Naphthalene	15.14	128	2142	0.35	ug/l #	78

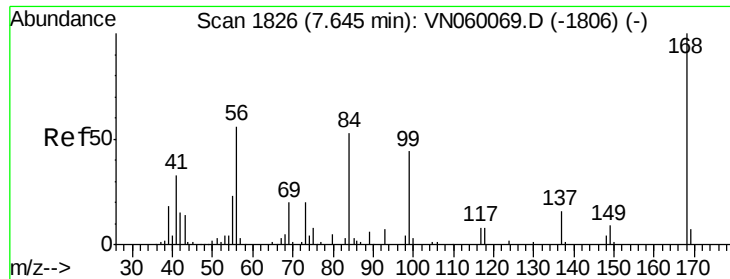
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

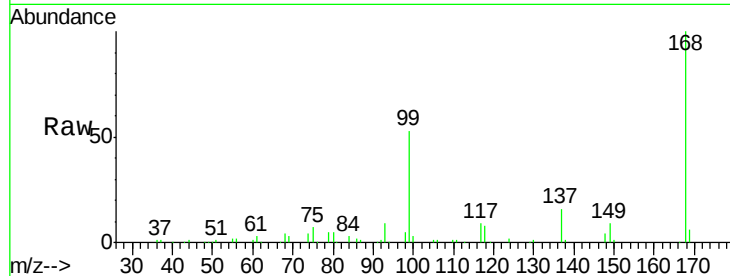
STOCKPILE

Tgt Ion:168 Resp: 176333

Ion Ratio Lower Upper

168 100

99 53.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

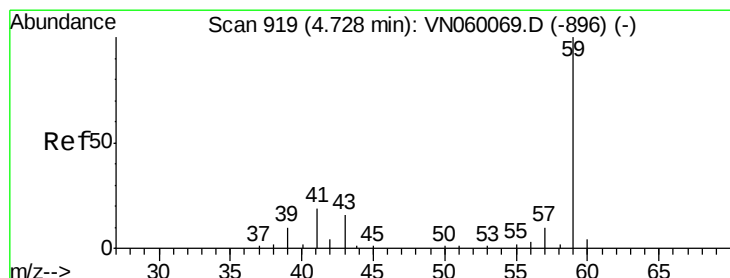
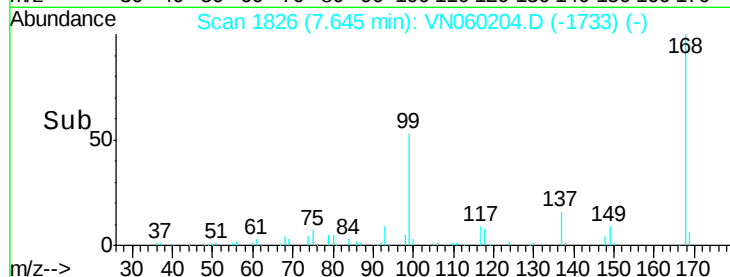
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.83 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.01 min

Lab File: VN060204.D

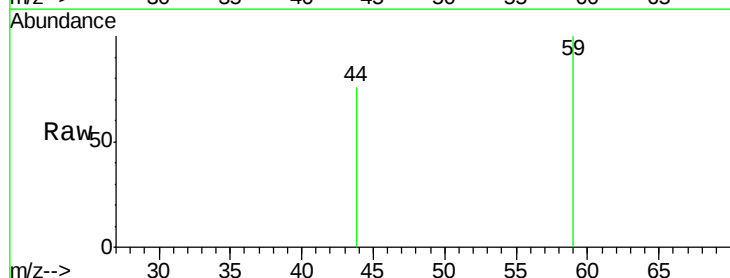
Acq: 24 Feb 2020 13:01

Tgt Ion: 59 Resp: 267

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

250

200

150

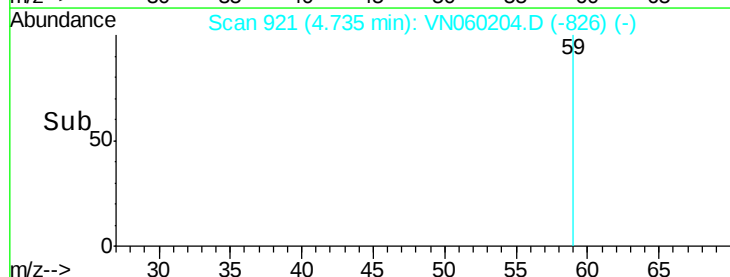
100

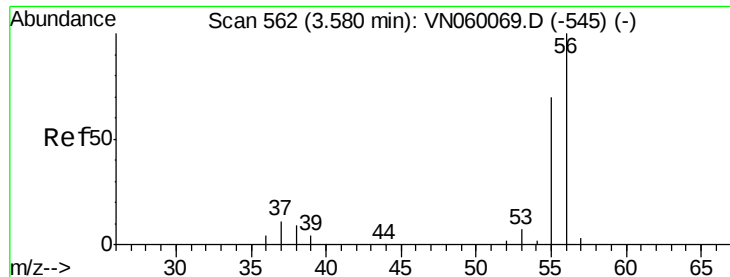
50

0

4.71 4.72 4.73 4.74 4.75

Time-->





#13

Acrolein

Concen: 1.23 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.01 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

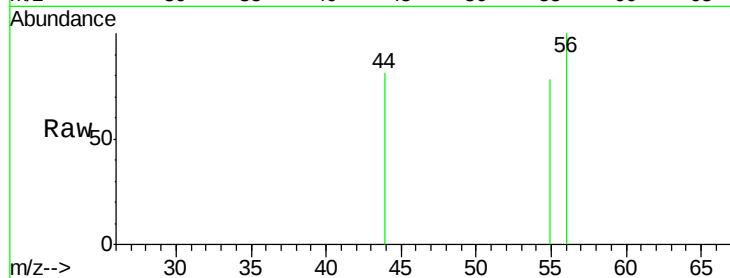
STOCKPILE

Tgt Ion: 56 Resp: 391

Ion Ratio Lower Upper

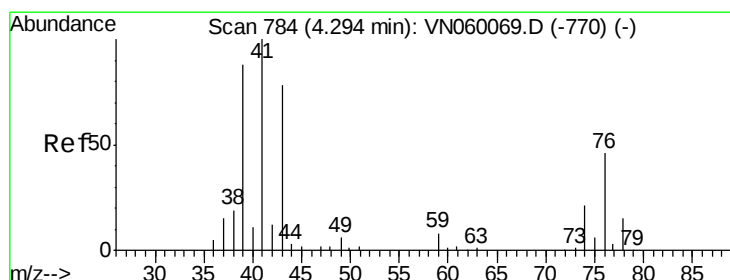
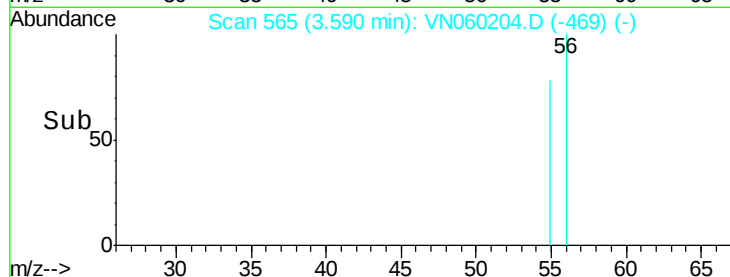
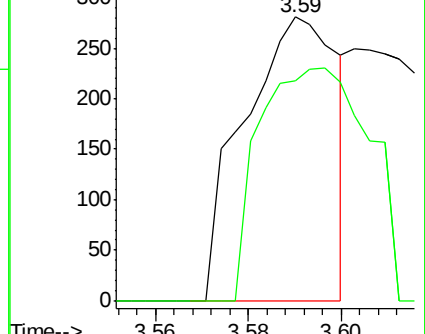
56 100

55 96.7 54.8 82.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.27 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.01 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

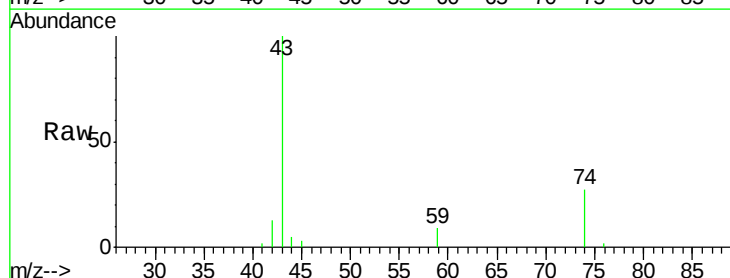
Tgt Ion: 41 Resp: 664

Ion Ratio Lower Upper

41 100

39 0.0 67.8 101.8#

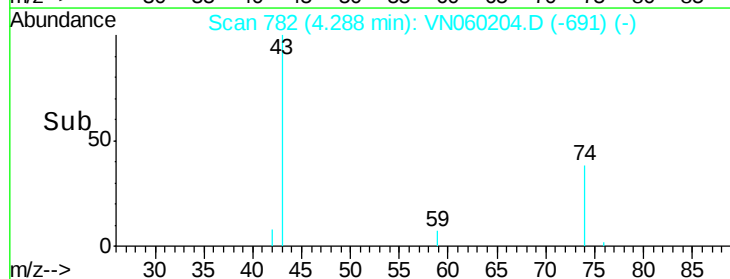
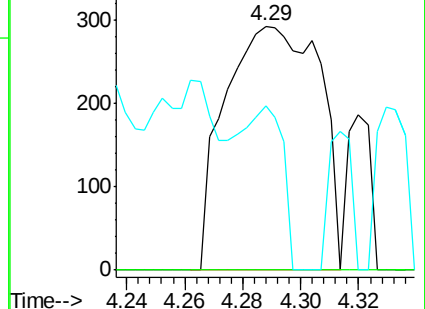
76 0.0 33.9 50.9#

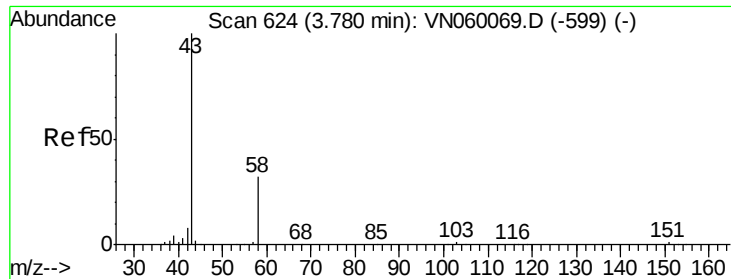


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 481.51 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

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ClientSampleId :

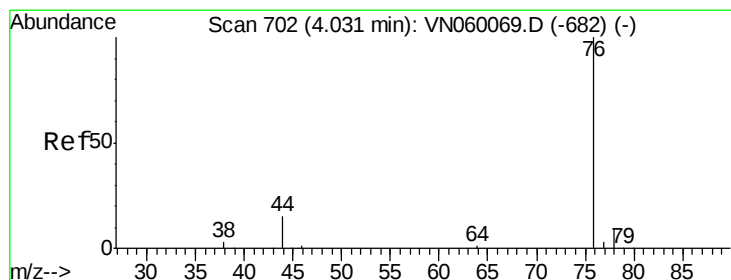
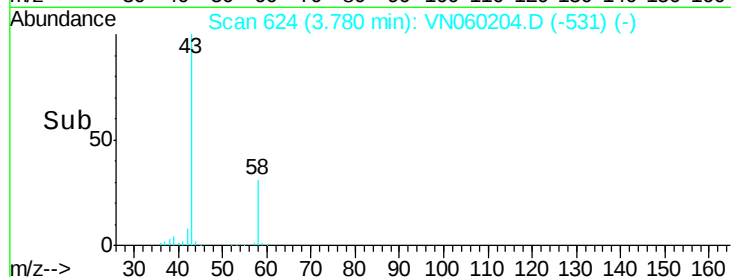
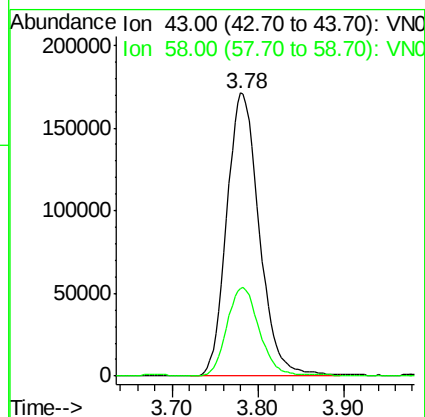
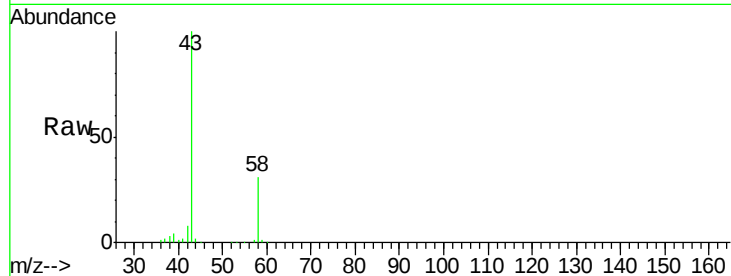
STOCKPILE

Tgt Ion: 43 Resp: 450656

Ion Ratio Lower Upper

43 100

58 31.0 25.2 37.8



#17

Carbon Disulfide

Concen: 1.10 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN060204.D

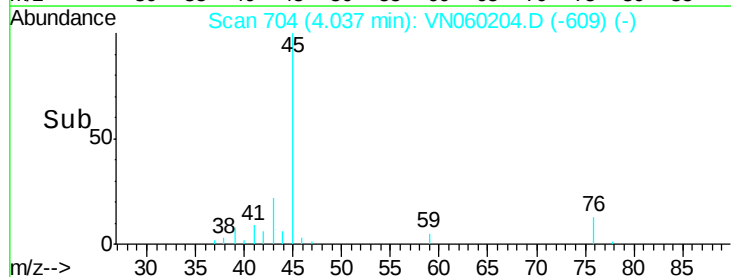
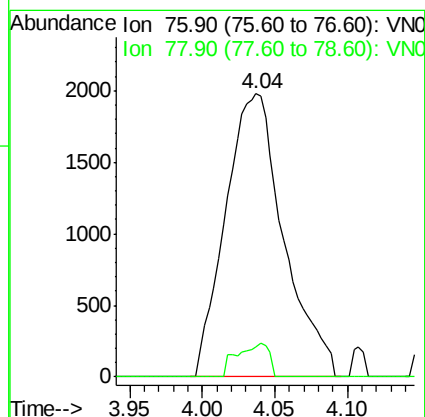
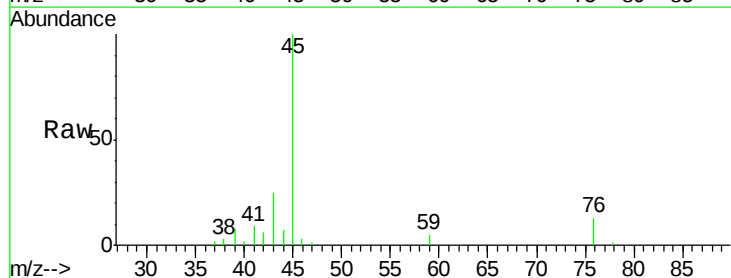
Acq: 24 Feb 2020 13:01

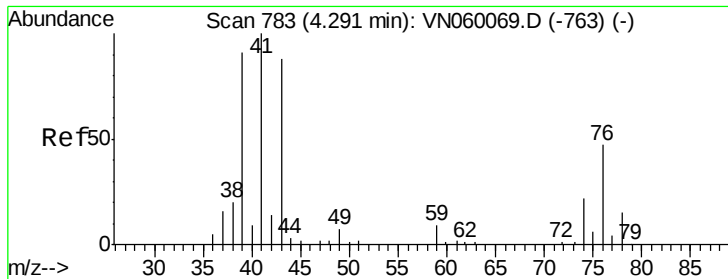
Tgt Ion: 76 Resp: 5514

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.6#

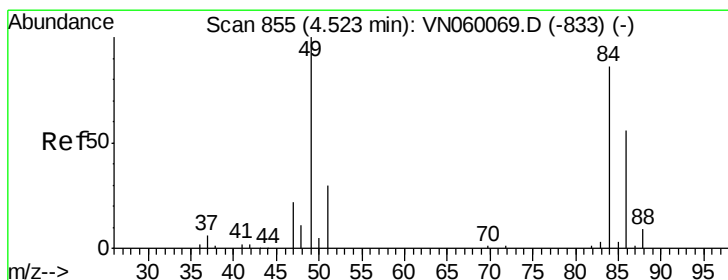
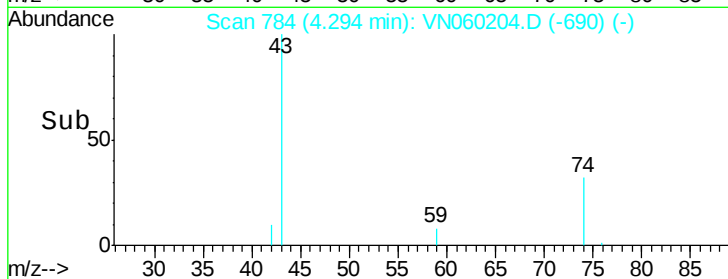
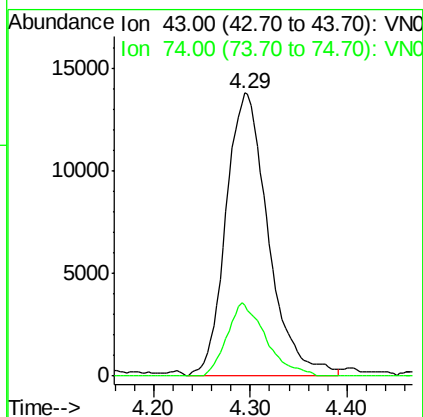
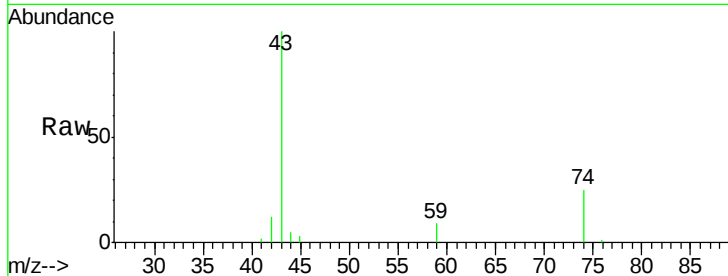




#18
Methyl Acetate
Concen: 23.88 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

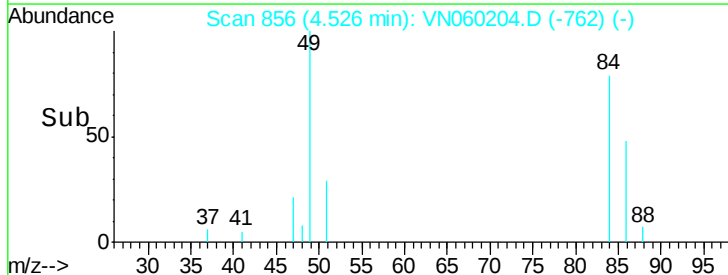
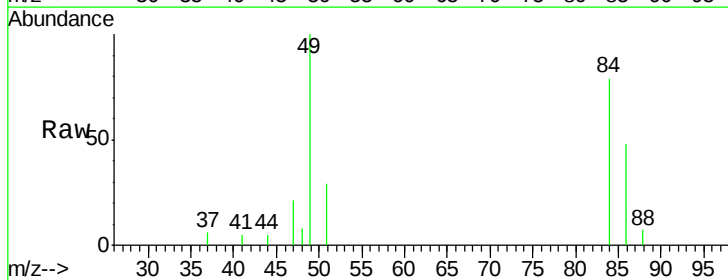
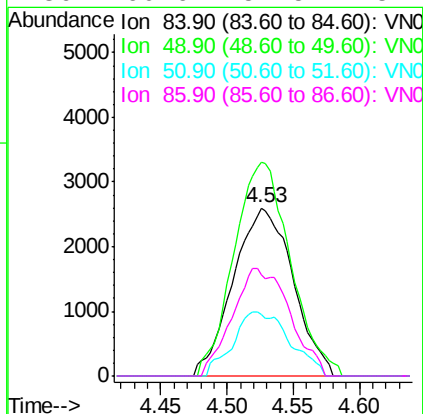
Instrument :
MSVOA_N
ClientSampled :
STOCKPILE

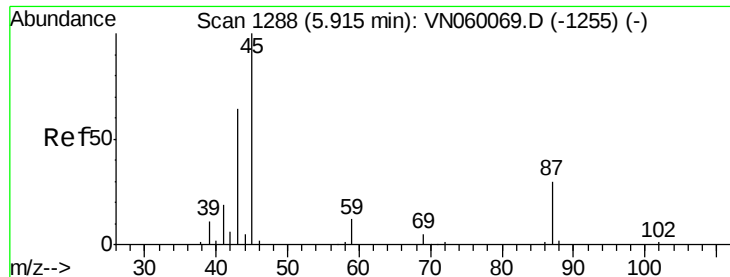
Tgt Ion: 43 Resp: 41993
Ion Ratio Lower Upper
43 100
74 23.9 20.3 30.5



#20
Methylene Chloride
Concen: 4.36 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion: 84 Resp: 8145
Ion Ratio Lower Upper
84 100
49 127.4 93.4 140.0
51 37.0 28.4 42.6
86 60.6 52.5 78.7





#22

Diisopropyl ether

Concen: 1.11 ug/l

RT: 5.99 min Scan# 1310

Delta R.T. 0.07 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

STOCKPILE

Tgt Ion: 45 Resp: 5978

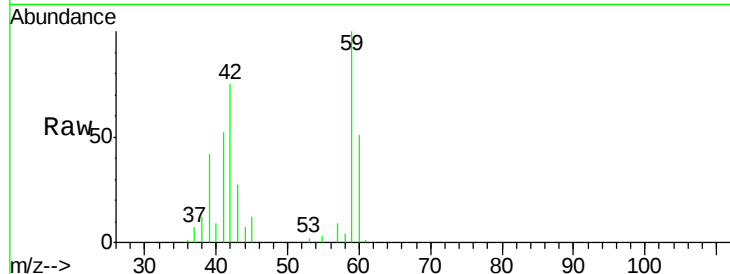
Ion Ratio Lower Upper

45 100

43 206.3 55.9 83.9#

87 0.0 24.5 36.7#

59 780.7 9.9 14.9#

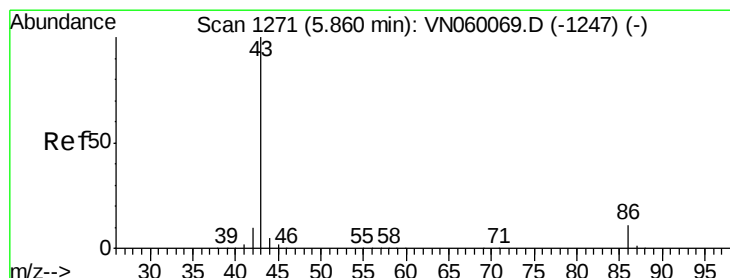
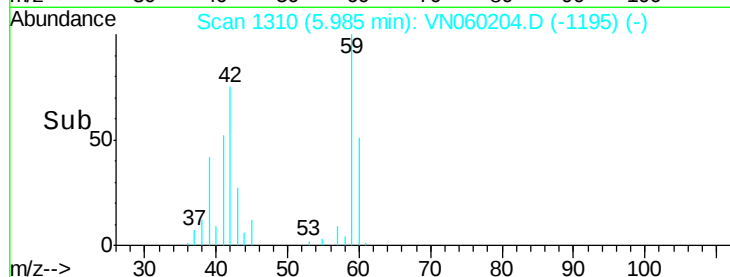
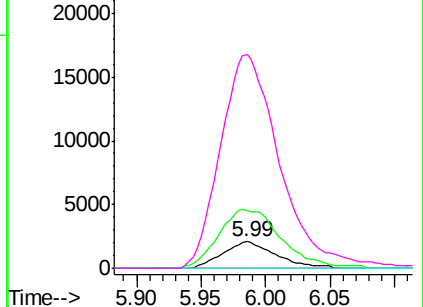


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 3.43 ug/l

RT: 5.98 min Scan# 1309

Delta R.T. 0.12 min

Lab File: VN060204.D

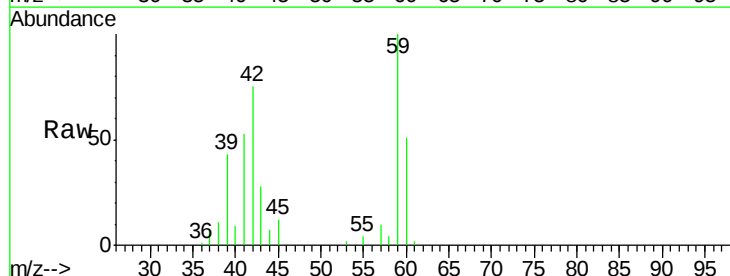
Acq: 24 Feb 2020 13:01

Tgt Ion: 43 Resp: 15476

Ion Ratio Lower Upper

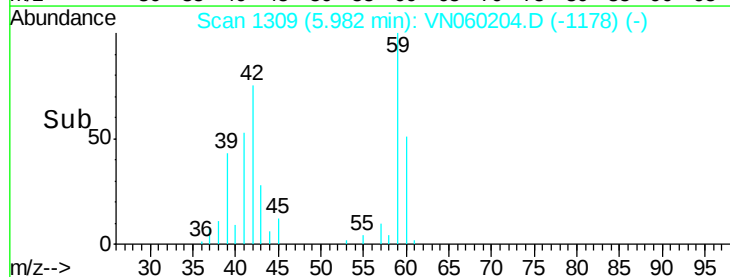
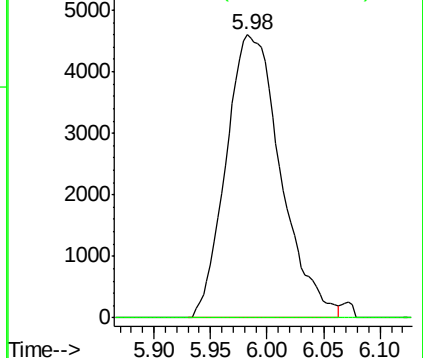
43 100

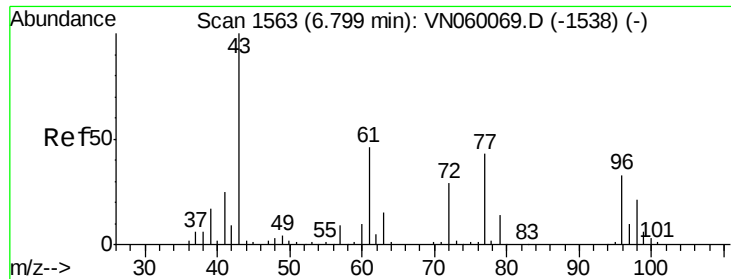
86 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#25

2-Butanone

Concen: 1395.96 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

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Acq: 24 Feb 2020 13:01

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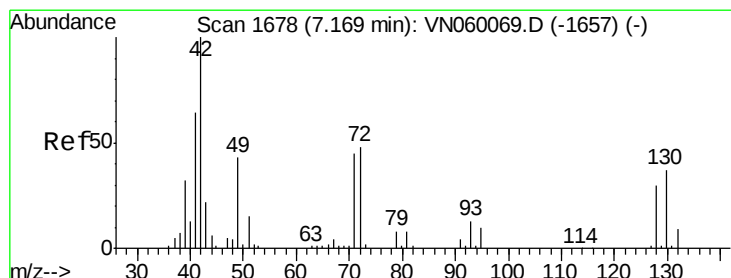
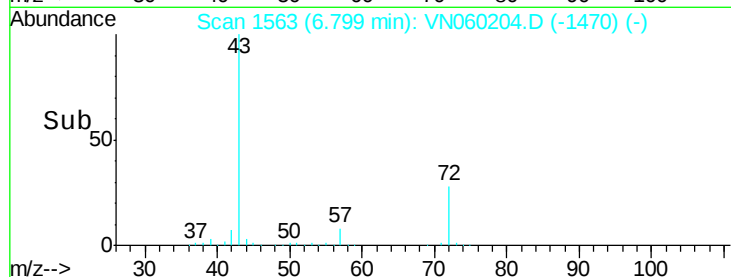
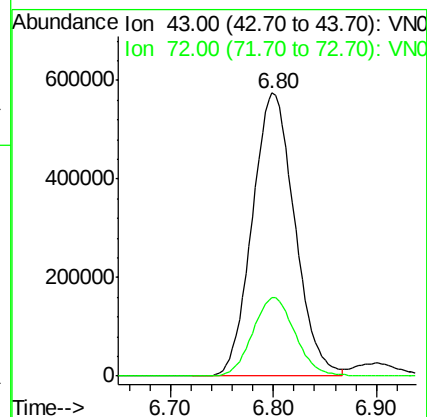
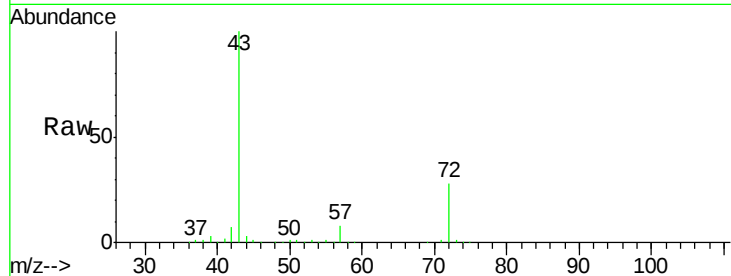
STOCKPILE

Tgt Ion: 43 Resp: 1643182

Ion Ratio Lower Upper

43 100

72 27.7 23.3 34.9



#28

Bromochloromethane

Concen: 0.95 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

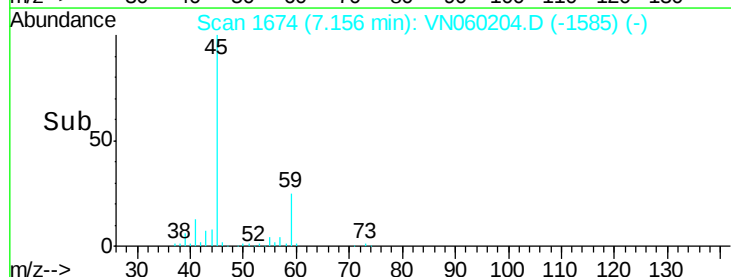
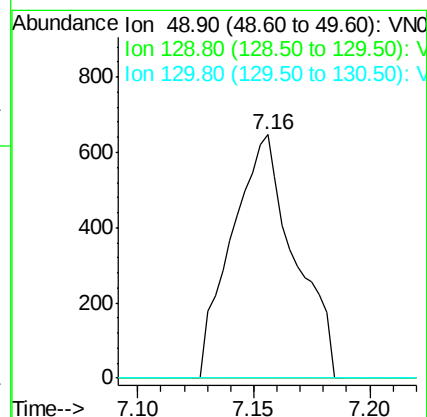
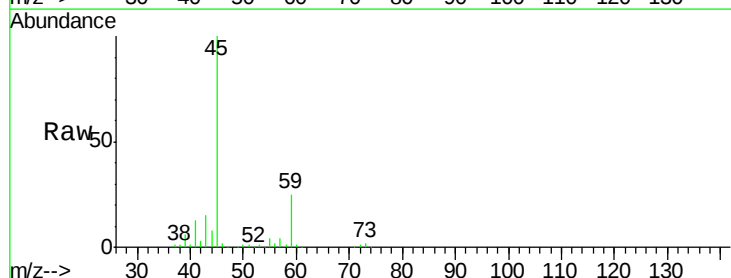
Tgt Ion: 49 Resp: 1215

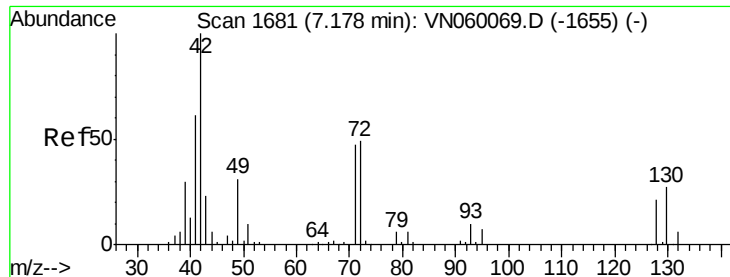
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 0.0 66.8 100.2#

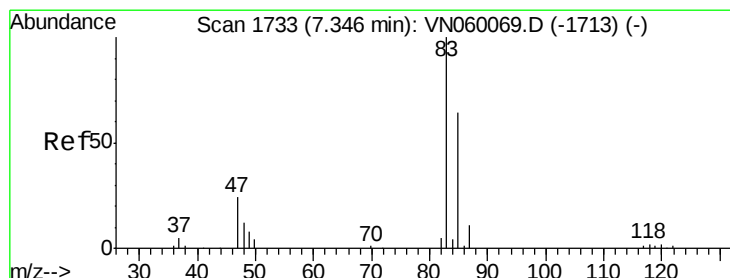
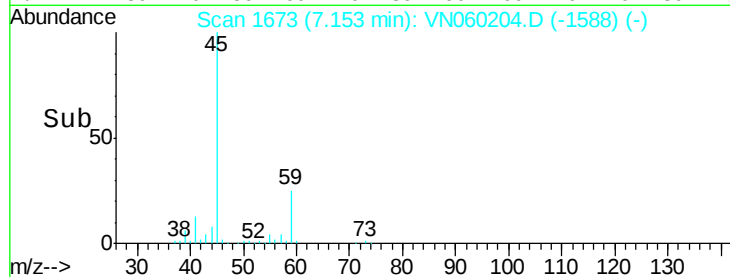
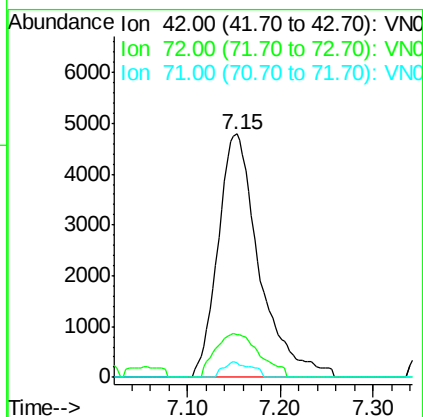
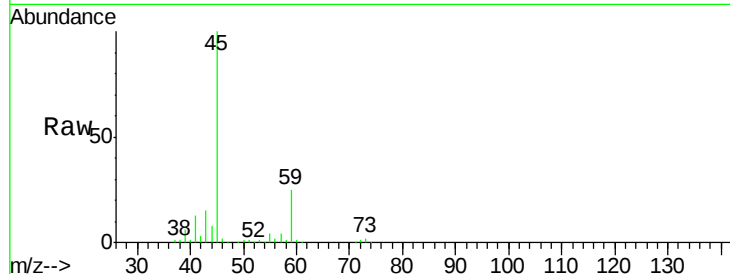




#29
Tetrahydrofuran
Concen: 20.54 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.03 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

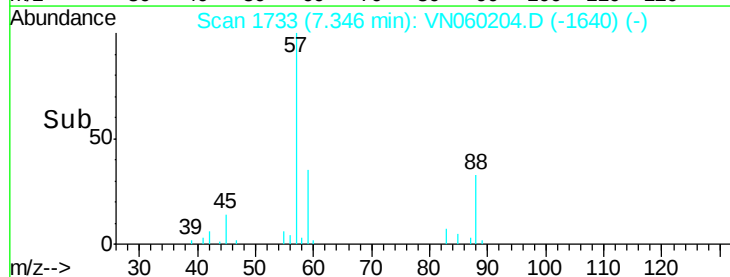
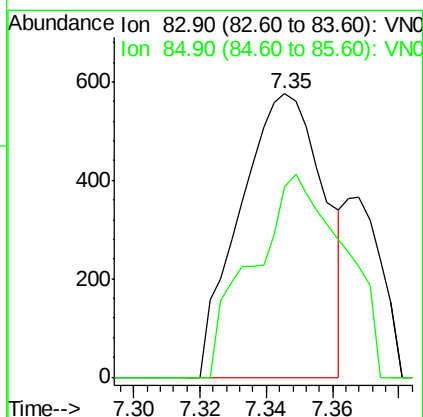
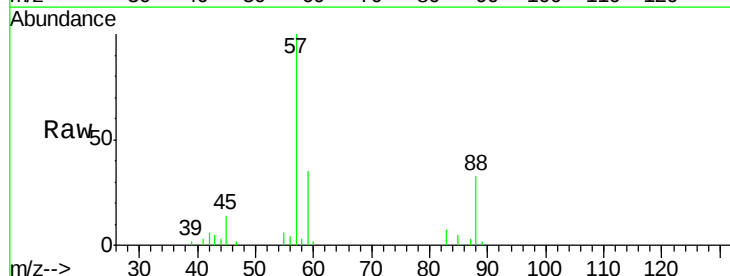
Instrument :
MSVOA_N
ClientSampled :
STOCKPILE

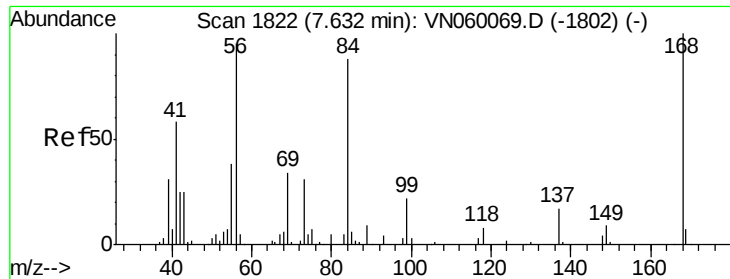
Tgt Ion: 42 Resp: 14832
Ion Ratio Lower Upper
42 100
72 19.3 38.2 57.4#
71 4.2 36.6 54.8#



#30
Chloroform
Concen: 0.30 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion: 83 Resp: 1016
Ion Ratio Lower Upper
83 100
85 67.0 51.4 77.0

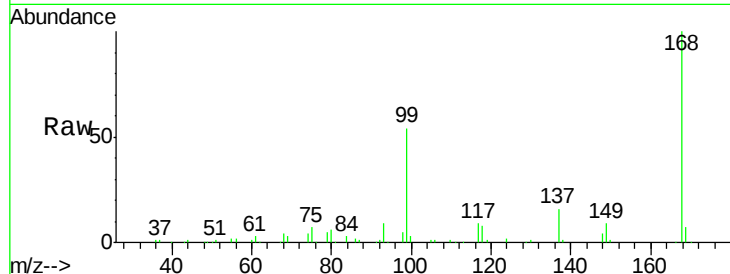




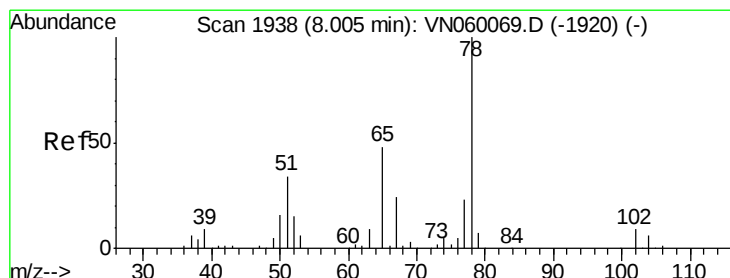
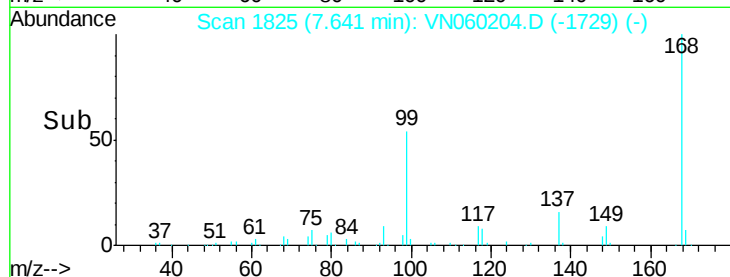
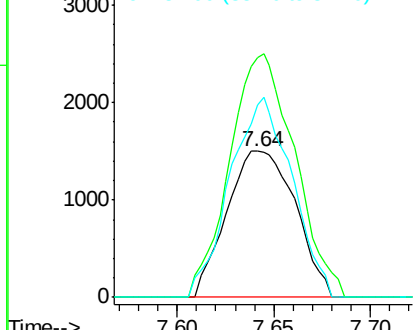
#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Instrument :
MSVOA_N
ClientSampled :
STOCKPILE

Tgt Ion: 56 Resp: 3702
Ion Ratio Lower Upper
56 100
69 164.3 28.3 42.5#
84 131.8 72.6 108.8#

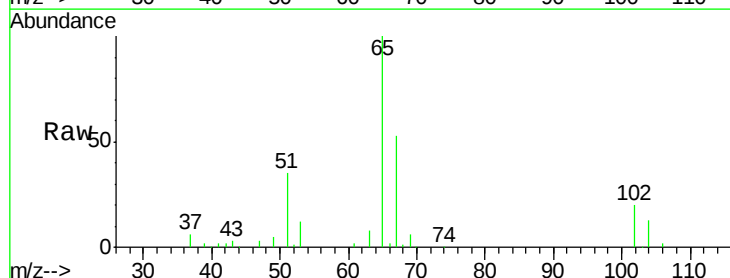


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

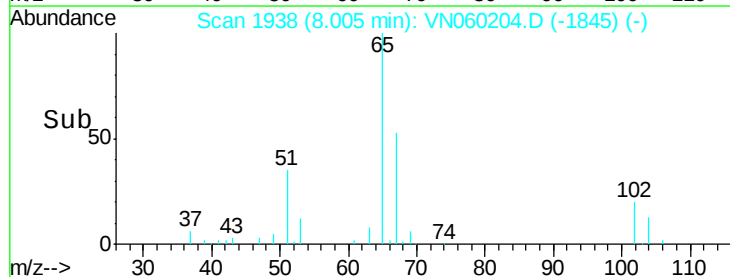
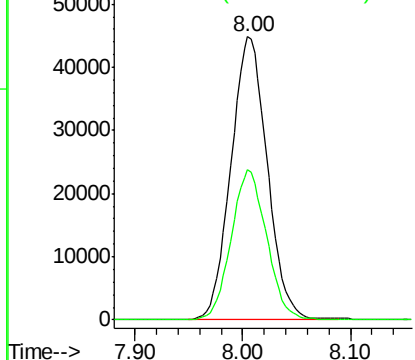


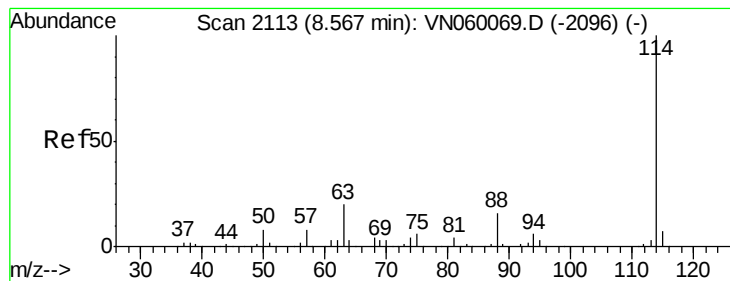
#33
1,2-Dichloroethane-d4
Concen: 49.06 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion: 65 Resp: 105274
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

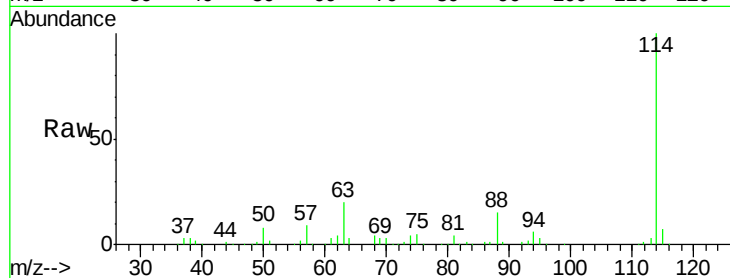
Tgt Ion:114 Resp: 278941

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

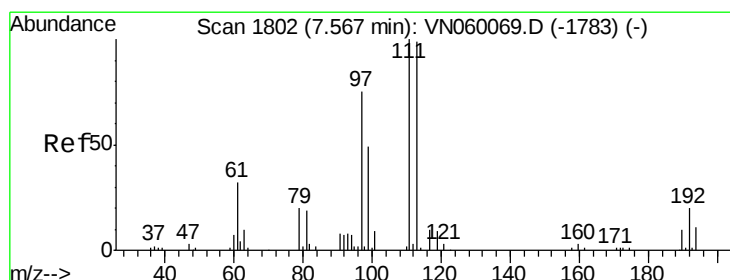
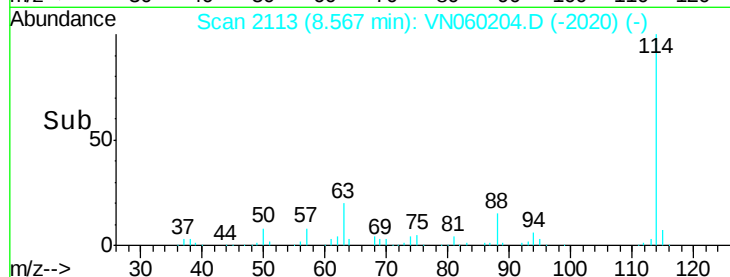
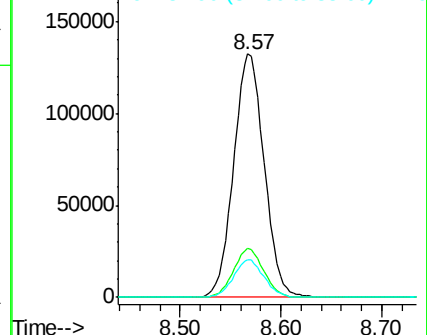
88 15.5 0.0 31.6



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: 49.31 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

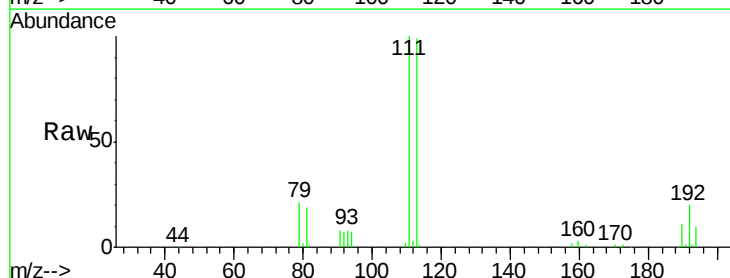
Tgt Ion:113 Resp: 84556

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

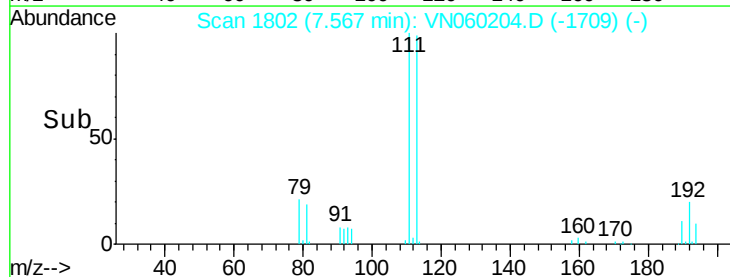
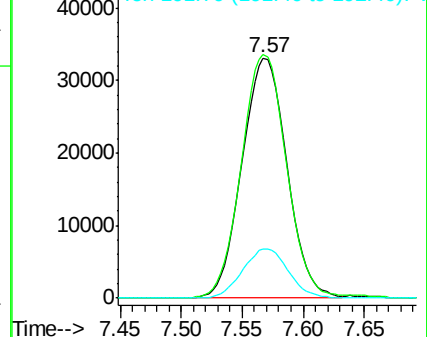
192 20.7 16.2 24.2

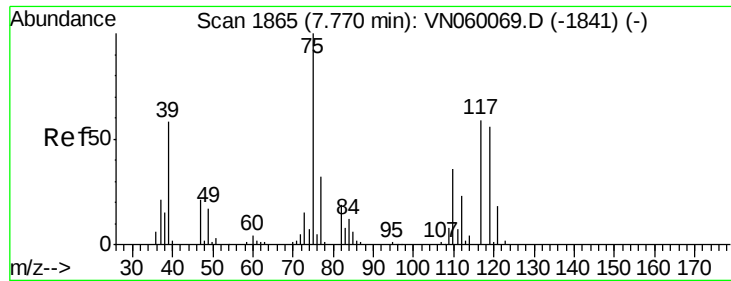


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

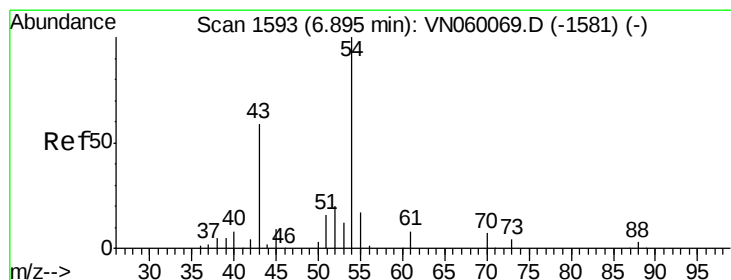
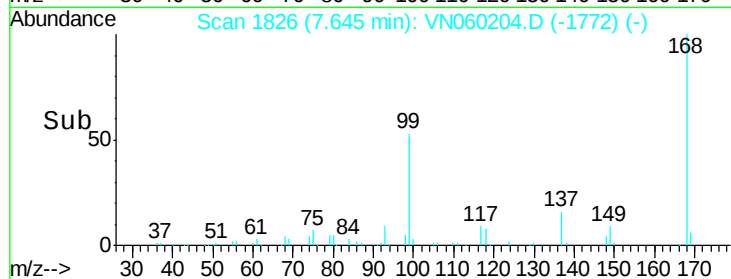
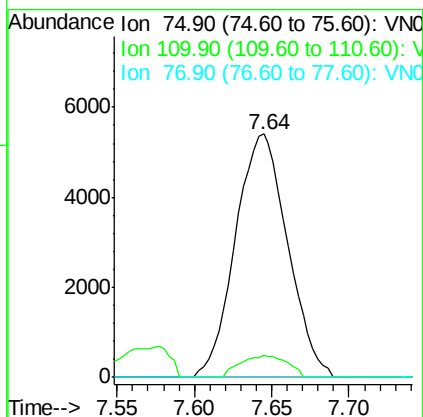
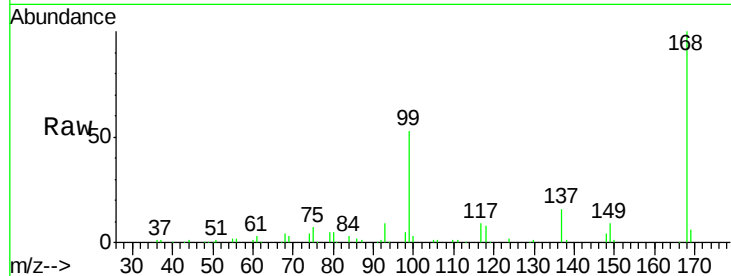




#36
 1,1-Dichloropropene
 Concen: 4.91 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

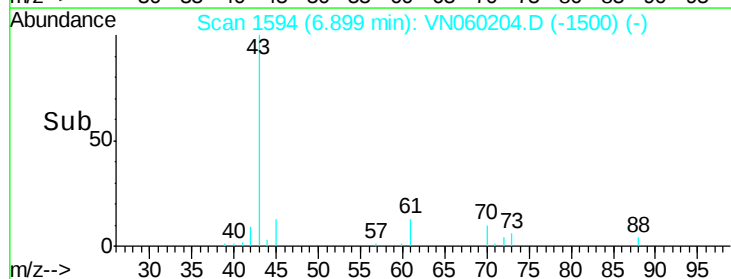
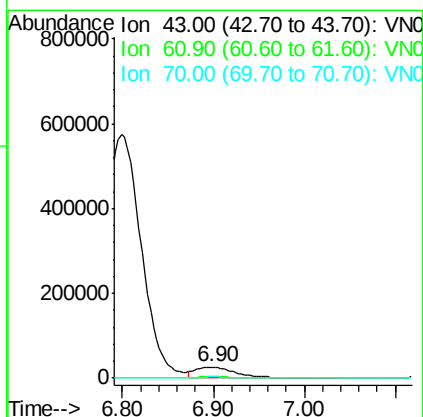
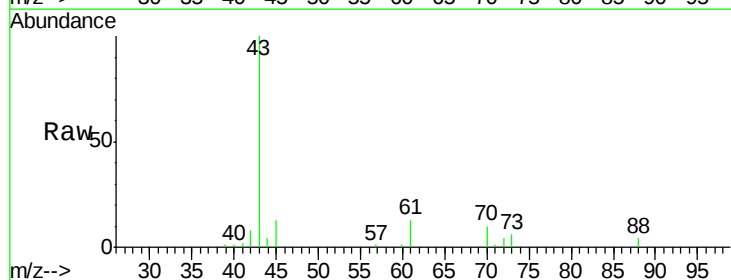
Instrument :
 MSVOA_N
 ClientSampled :
 STOCKPILE

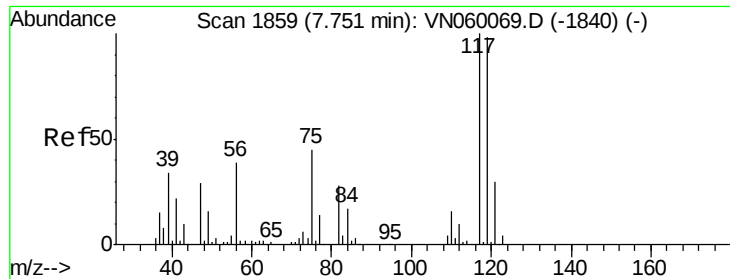
Tgt Ion: 75 Resp: 12684
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 33.36 ug/l
 RT: 6.90 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

Tgt Ion: 43 Resp: 77904
 Ion Ratio Lower Upper
 43 100
 61 12.8 11.4 17.2
 70 9.8 8.7 13.1





#38

Carbon Tetrachloride

Concen: 5.94 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

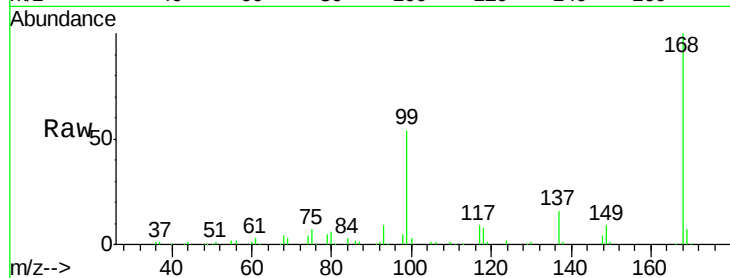
Tgt Ion: 117 Resp: 16673

Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.4#

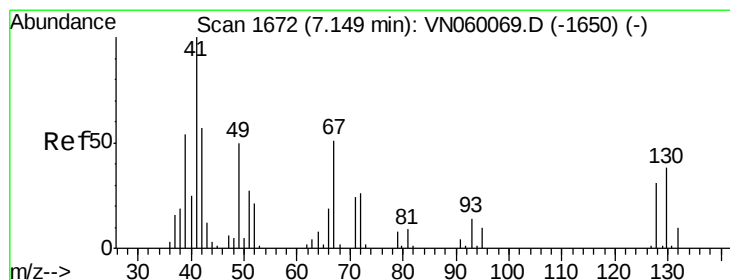
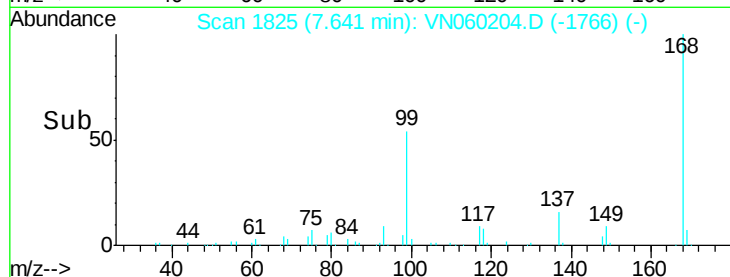
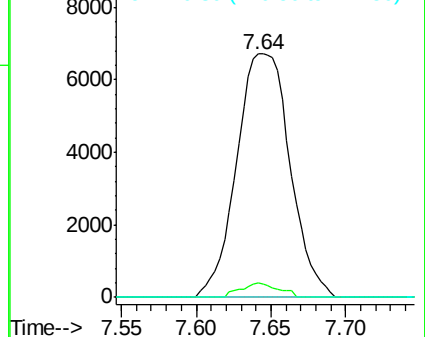
121 0.0 24.2 36.2#



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: 63.46 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Tgt Ion: 41 Resp: 62142

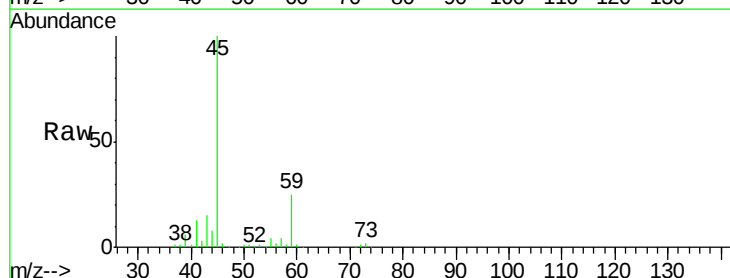
Ion Ratio Lower Upper

41 100

39 45.7 0.0 0.0#

67 0.0 0.0 0.0

52 1.7 0.0 0.0#

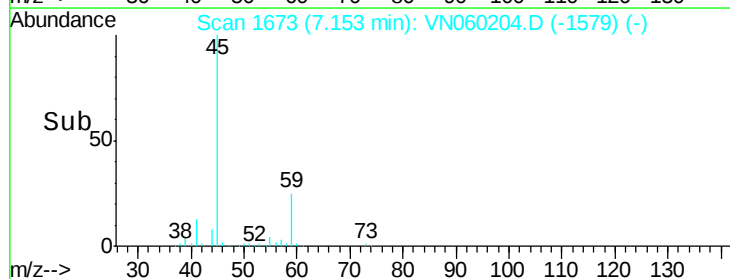
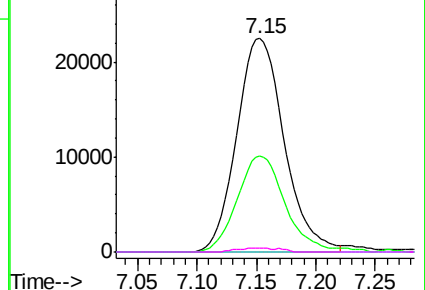


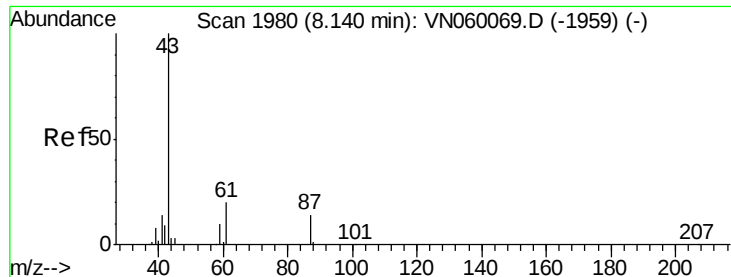
Abundance Ion 41.00 (40.70 to 41.70): V

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: 10.84 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

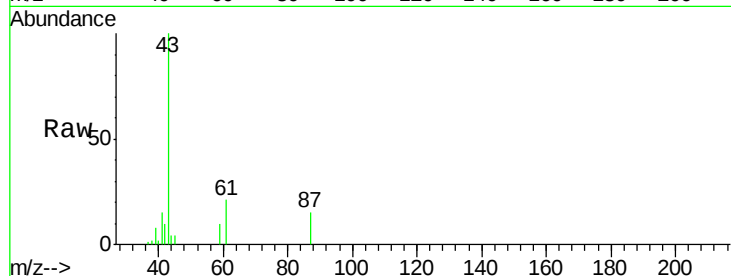
Tgt Ion: 43 Resp: 43286

Ion Ratio Lower Upper

43 100

61 19.7 21.8 32.6#

87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)

Time-->

8.05 8.10 8.15 8.20 8.25

8.14

20000

15000

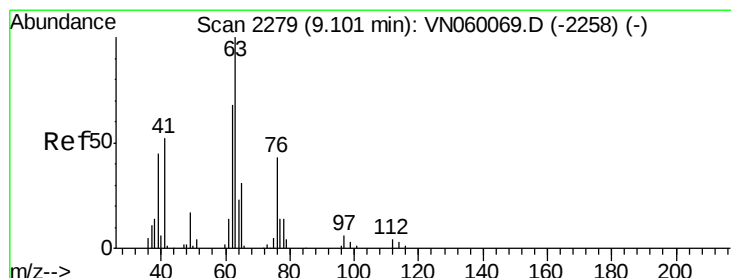
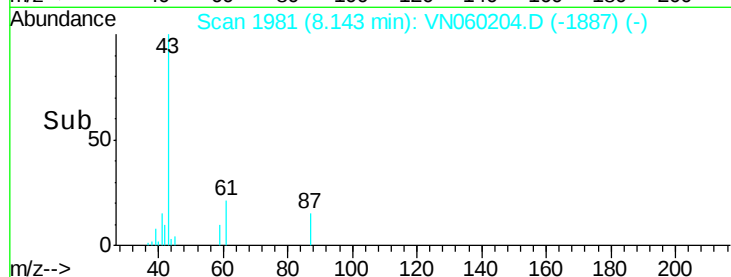
10000

5000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#45

1,2-Dichloropropane

Concen: 0.36 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN060204.D

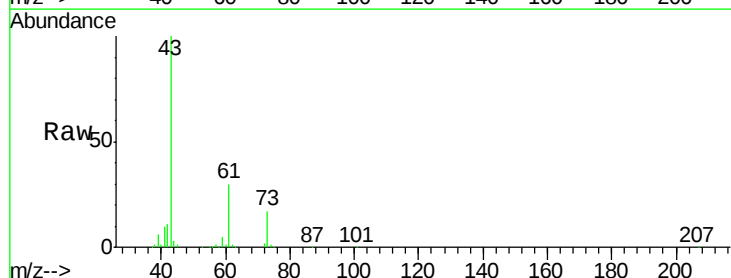
Acq: 24 Feb 2020 13:01

Tgt Ion: 63 Resp: 675

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060069.D (-2258) (-)

Time-->

9.22 9.24 9.26 9.28

9.25

400

300

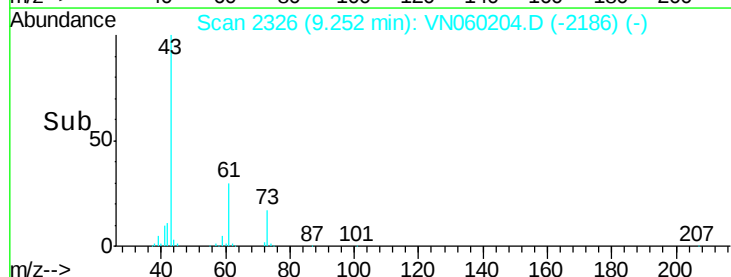
200

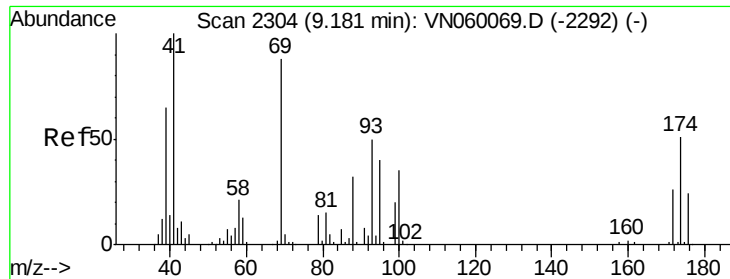
100

0

9.22 9.24 9.26 9.28

Time-->

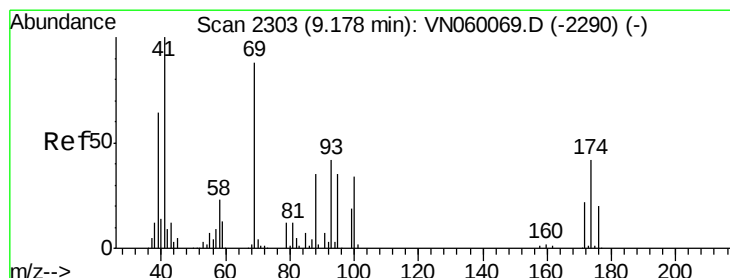
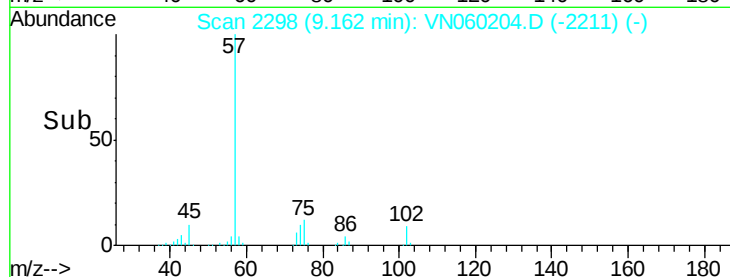
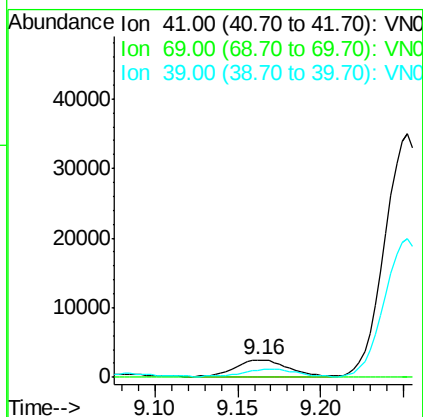
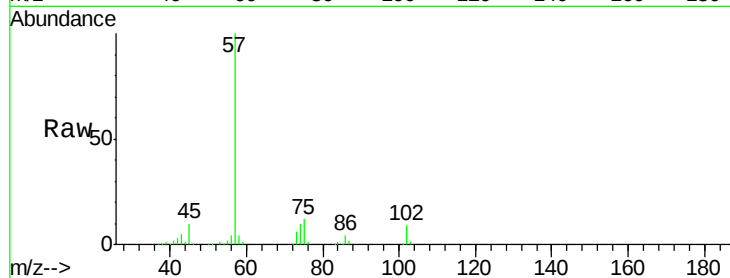




#48
Methyl methacrylate
Concen: 3.27 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.02 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

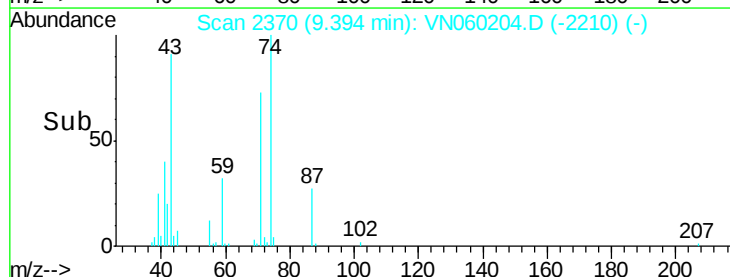
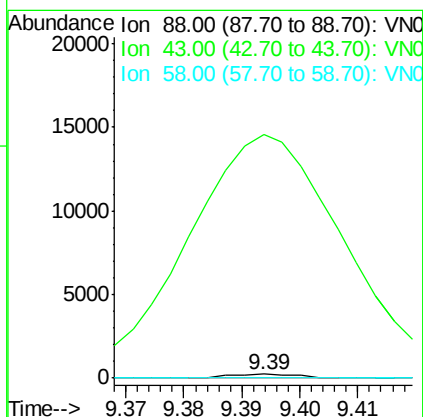
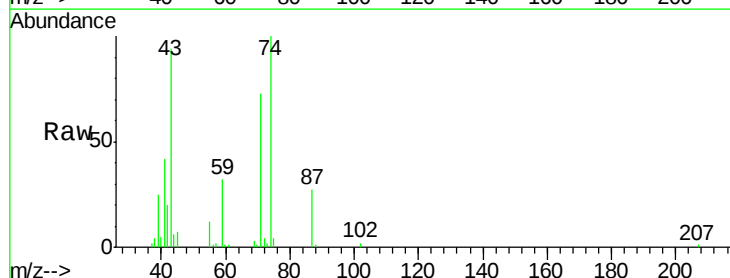
Instrument :
MSVOA_N
ClientSampled :
STOCKPILE

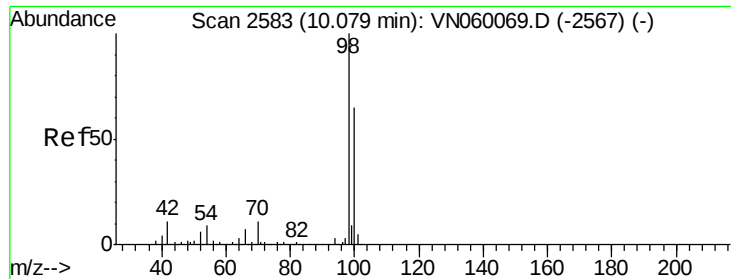
Tgt Ion: 41 Resp: 5852
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 46.7 54.1 81.1#



#49
1,4-Dioxane
Concen: 6.18 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.22 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion: 88 Resp: 189
Ion Ratio Lower Upper
88 100
43 14321.7 26.2 39.2#
58 0.0 53.2 79.8#





#50

Toluene-d8

Concen: 50.09 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

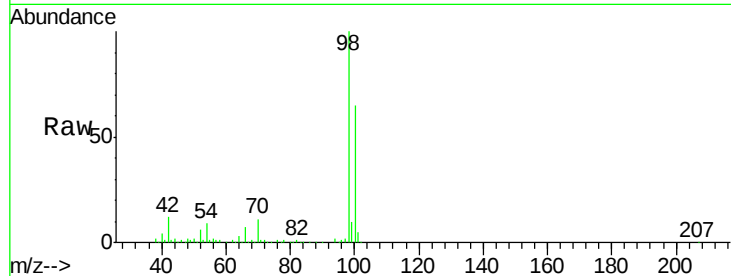
STOCKPILE

Tgt Ion: 98 Resp: 338250

Ion Ratio Lower Upper

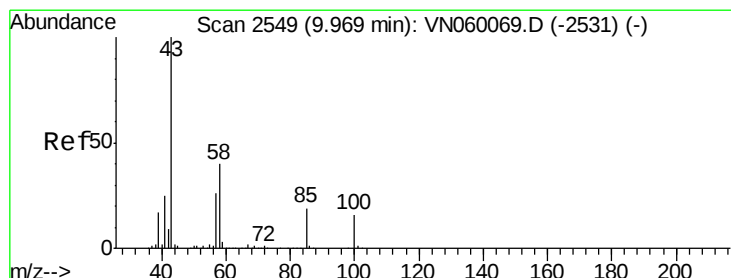
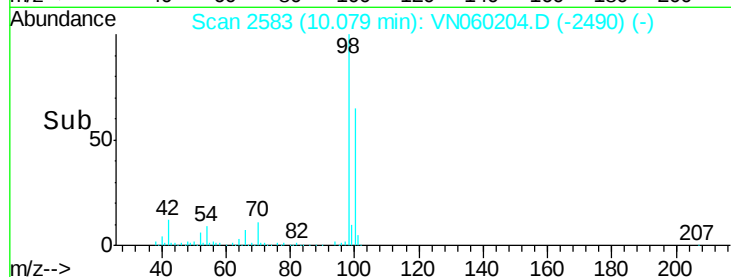
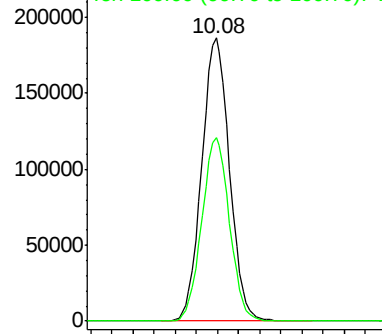
98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 3.09 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN060204.D

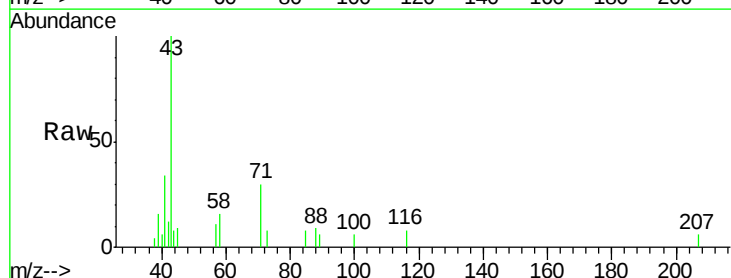
Acq: 24 Feb 2020 13:01

Tgt Ion: 43 Resp: 7149

Ion Ratio Lower Upper

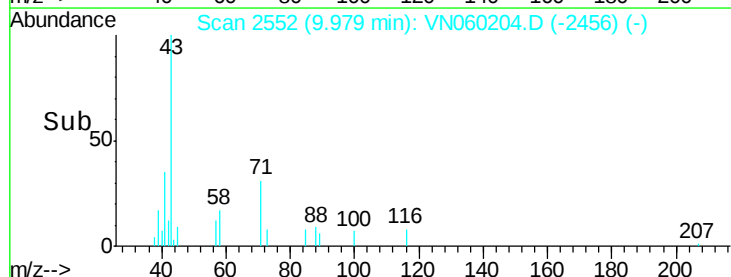
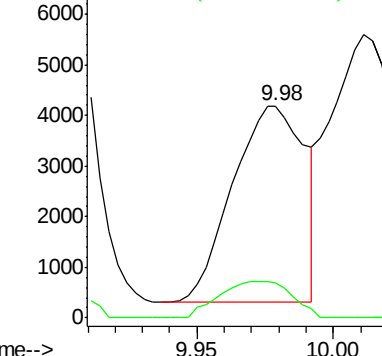
43 100

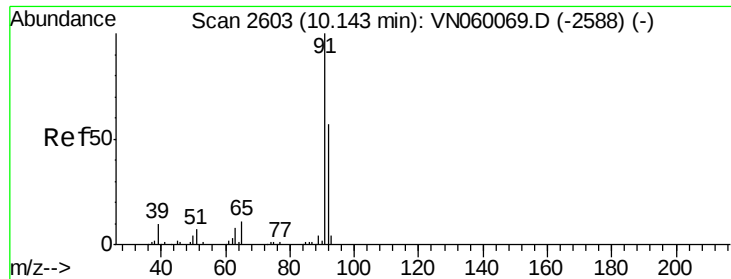
58 18.6 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 12.90 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

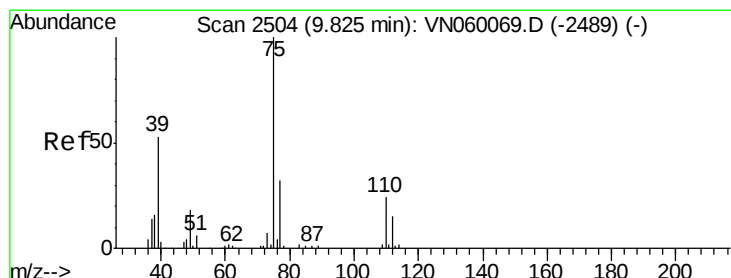
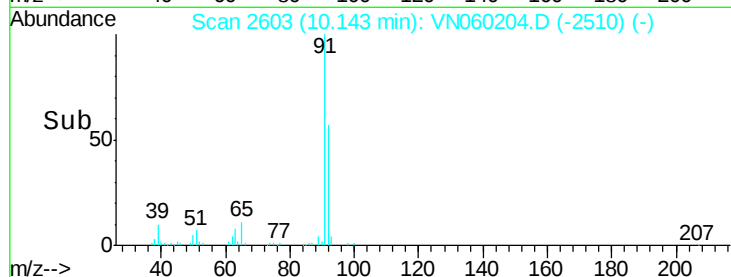
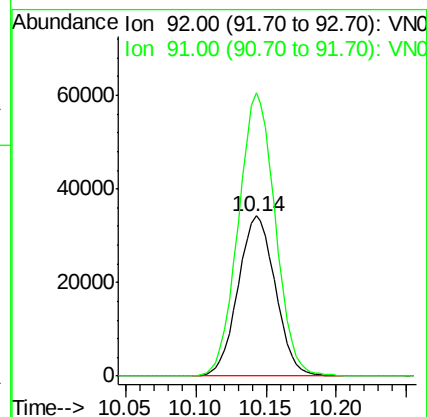
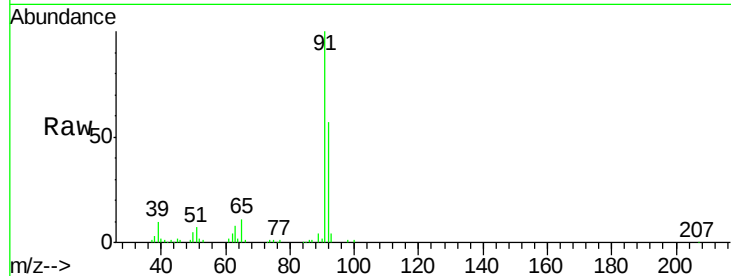
STOCKPILE

Tgt Ion: 92 Resp: 63399

Ion Ratio Lower Upper

92 100

91 174.8 140.9 211.3



#54

cis-1,3-Dichloropropene

Concen: 5.62 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

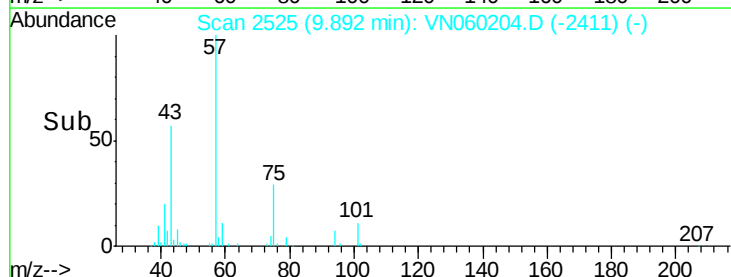
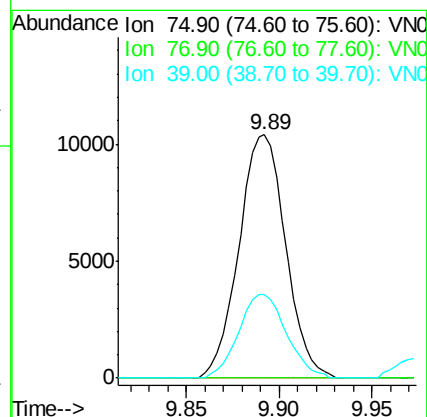
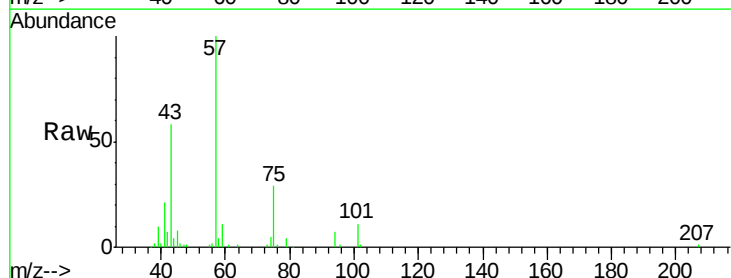
Tgt Ion: 75 Resp: 18219

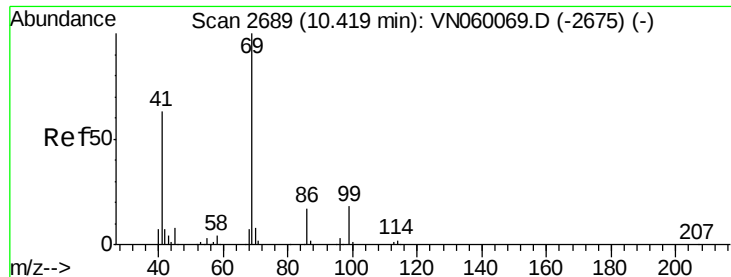
Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

39 34.2 42.2 63.4#





#56

Ethyl methacrylate

Concen: 0.38 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. 0.11 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

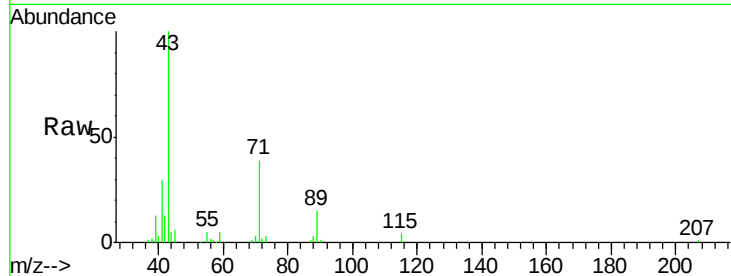
Tgt Ion: 69 Resp: 1039

Ion Ratio Lower Upper

69 100

41 3421.9 51.1 76.7#

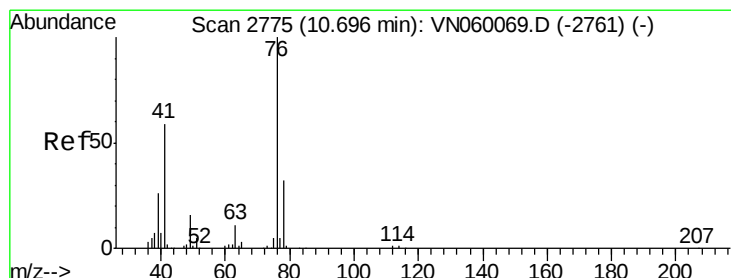
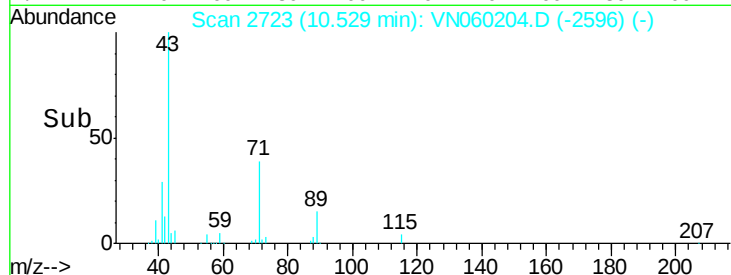
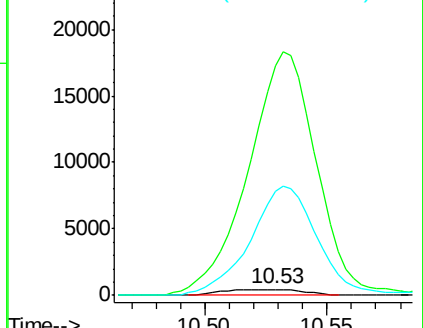
39 1506.4 33.8 50.8#



Abundance Ion 69.00 (68.70 to 69.70): VN060069.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN060069.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-2675) (-)



#57

1,3-Dichloropropane

Concen: 1.75 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060204.D

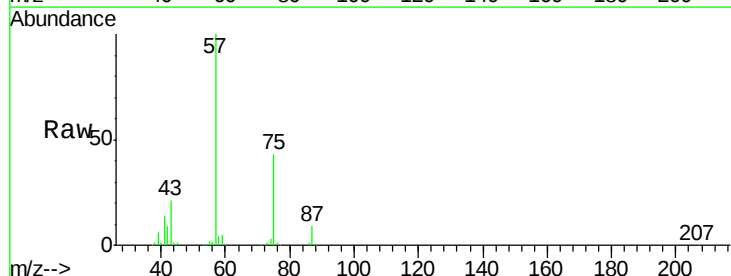
Acq: 24 Feb 2020 13:01

Tgt Ion: 76 Resp: 5544

Ion Ratio Lower Upper

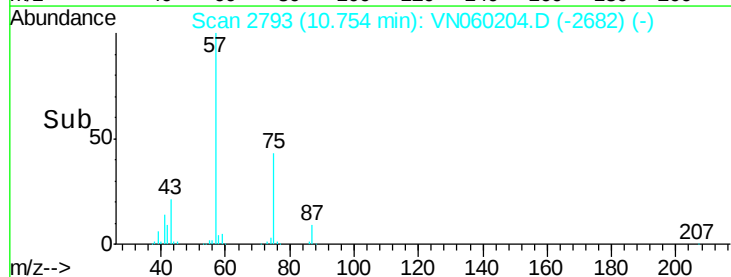
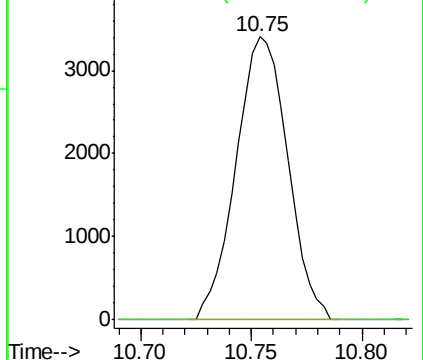
76 100

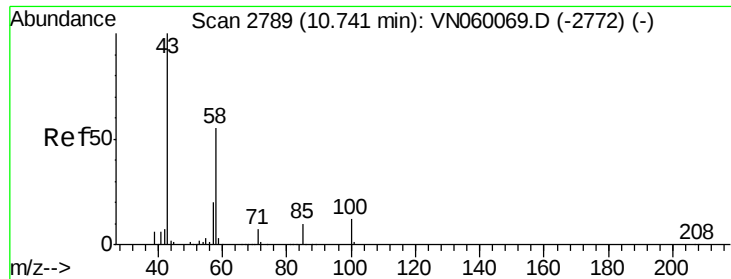
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN060069.D (-2761) (-)

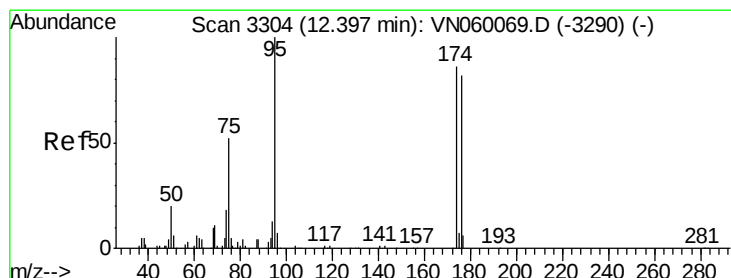
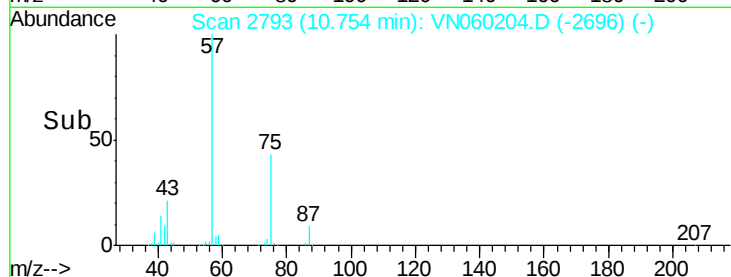
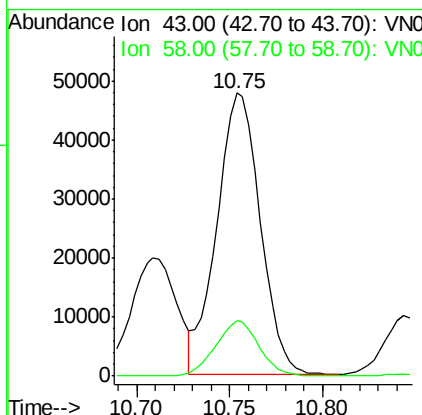
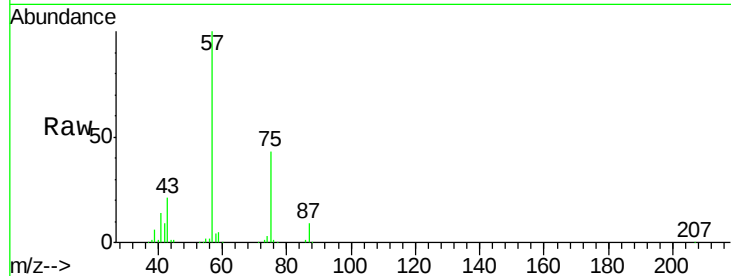




#59
2-Hexanone
Concen: 43.43 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

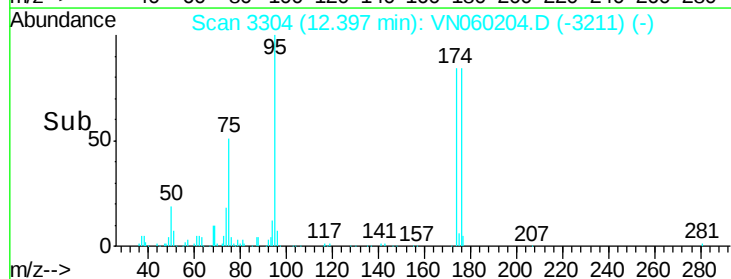
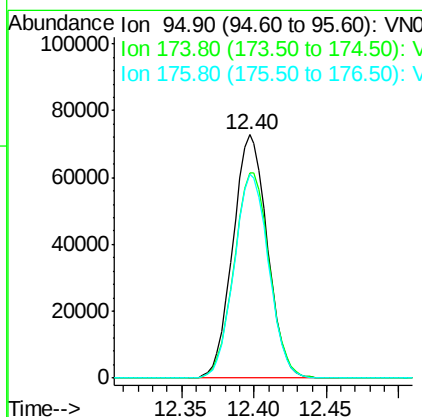
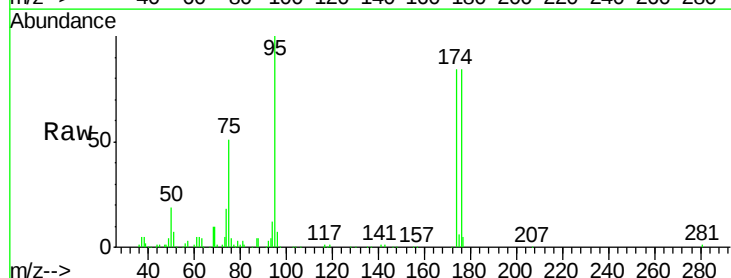
Instrument :
MSVOA_N
ClientSampled :
STOCKPILE

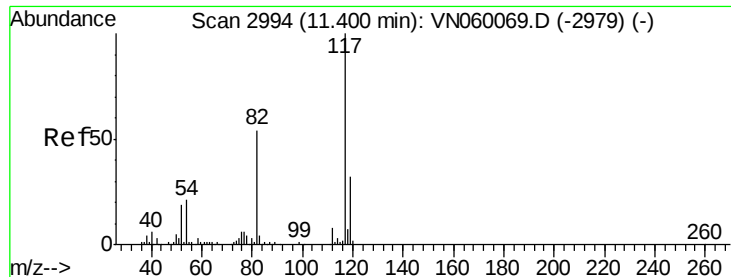
Tgt Ion: 43 Resp: 77513
Ion Ratio Lower Upper
43 100
58 19.6 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 48.63 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion: 95 Resp: 120659
Ion Ratio Lower Upper
95 100
174 86.5 0.0 169.8
176 83.9 0.0 164.8

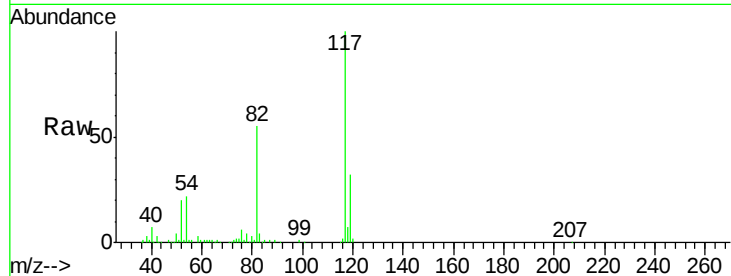




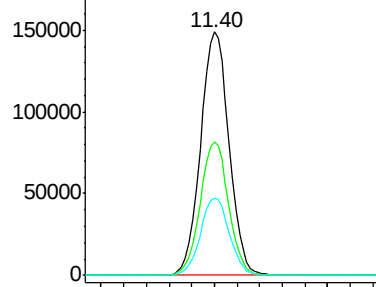
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Instrument :
MSVOA_N
ClientSampled :
STOCKPILE

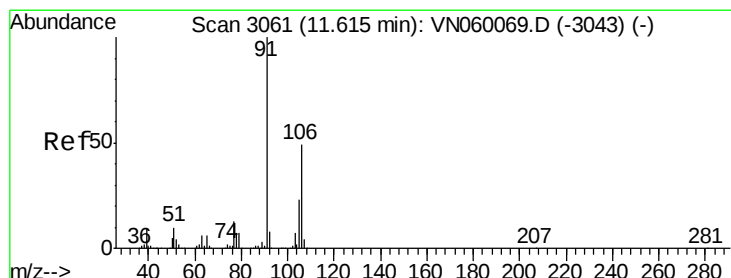
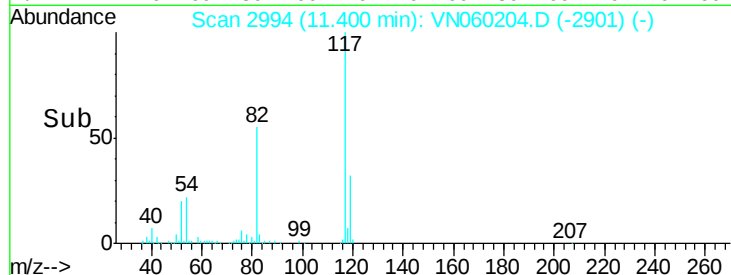
Tgt Ion:117 Resp: 260265
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.9 25.8 38.6



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

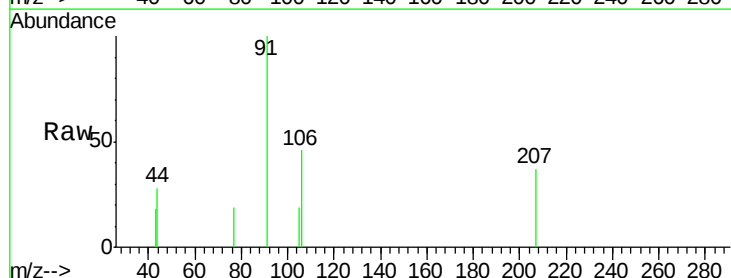


Time--> 11.30 11.40 11.50

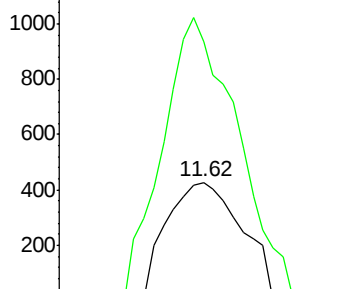


#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

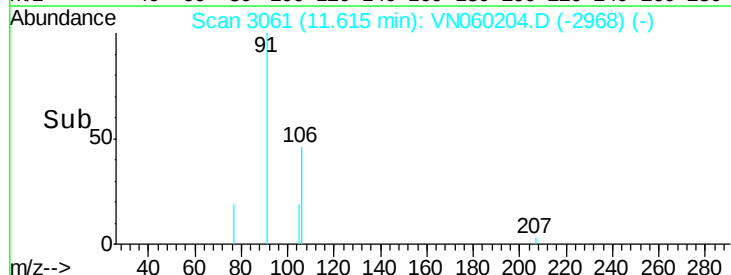
Tgt Ion:106 Resp: 726
Ion Ratio Lower Upper
106 100
91 239.8 162.7 244.1

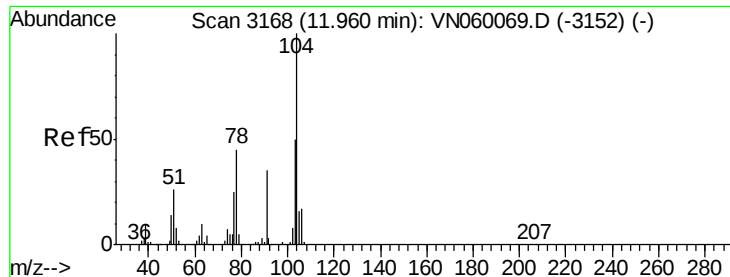


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN



Time--> 11.60 11.65





#70

Styrene

Concen: 0.44 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

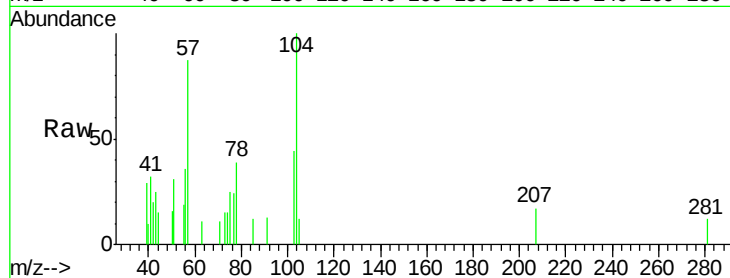
Tgt Ion:104 Resp: 2470

Ion Ratio Lower Upper

104 100

78 45.5 40.2 60.2

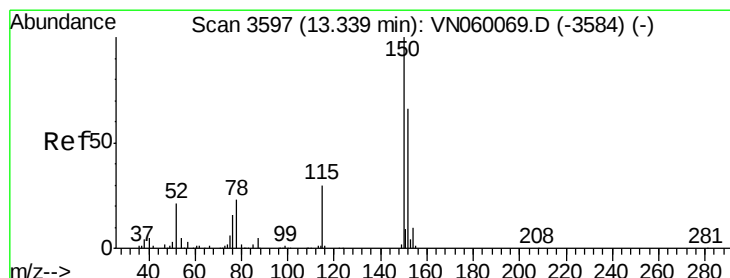
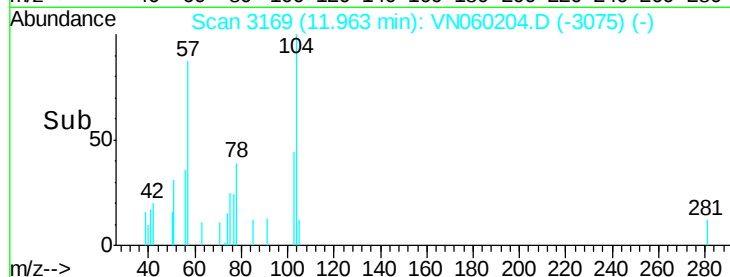
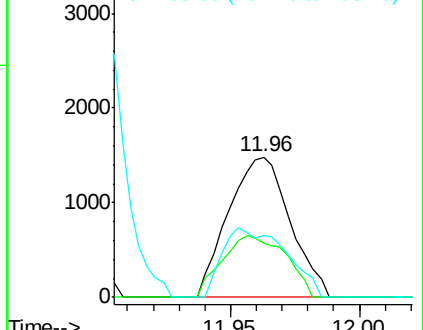
103 51.3 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

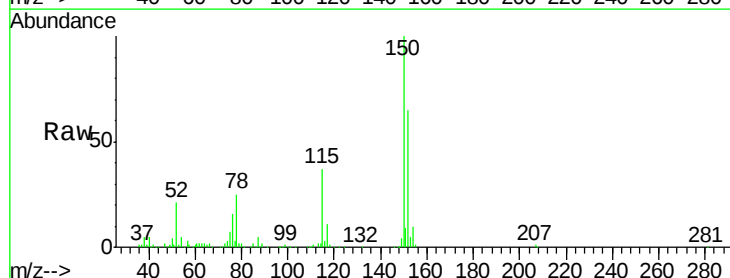
Tgt Ion:152 Resp: 120722

Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.8

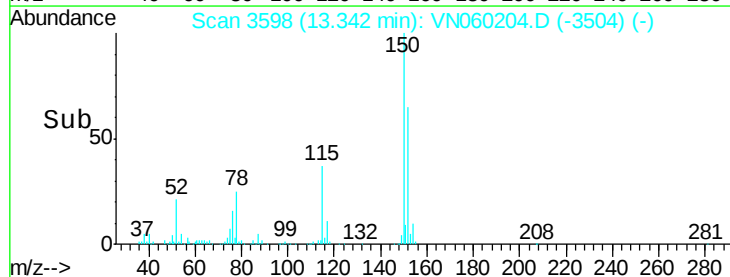
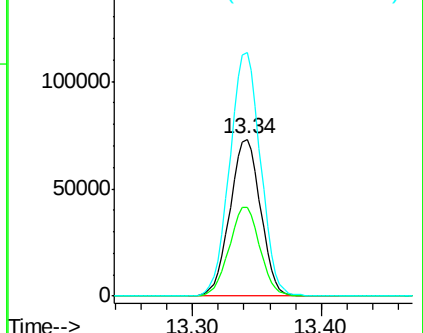
150 155.9 0.0 342.4

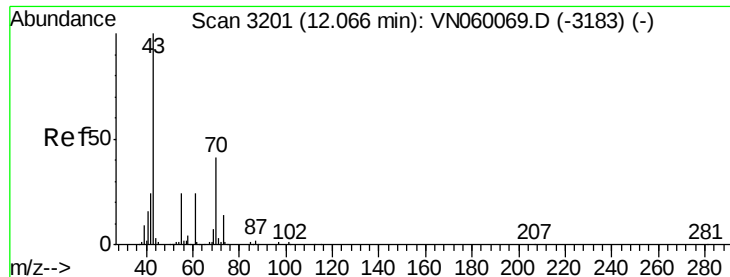


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

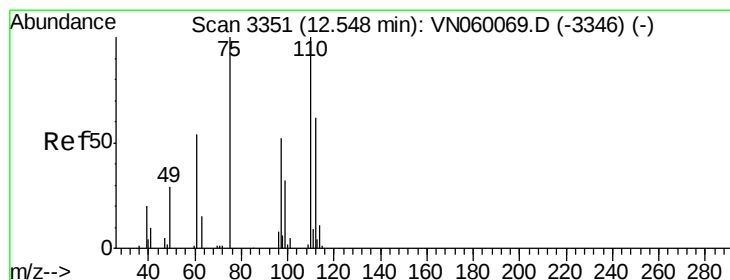
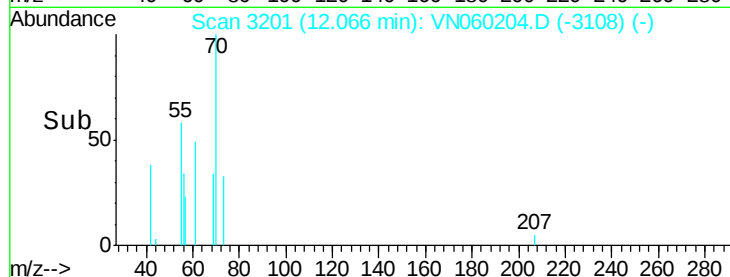
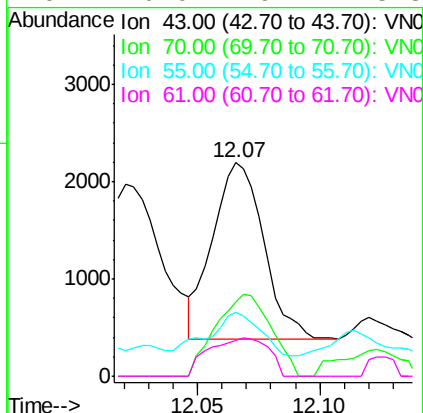
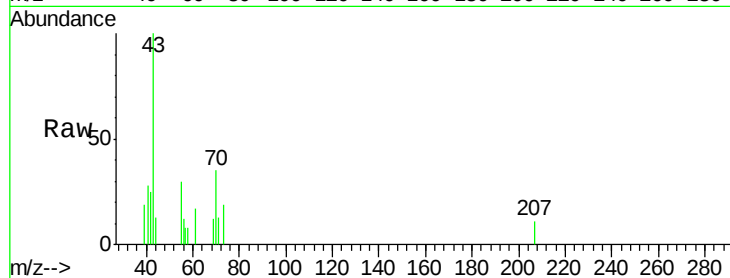




#74
N-amyI acetate
Concen: 0.81 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

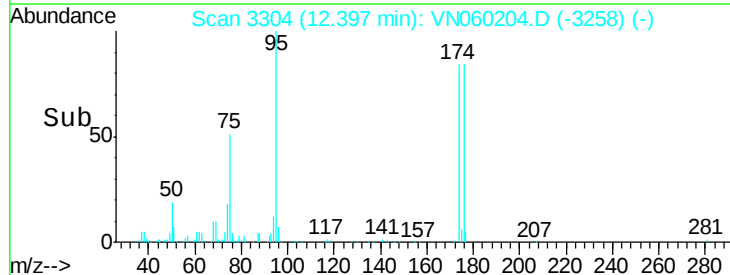
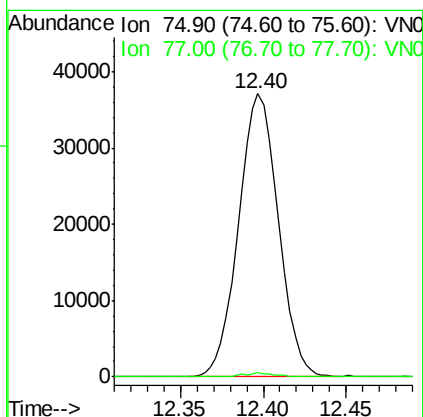
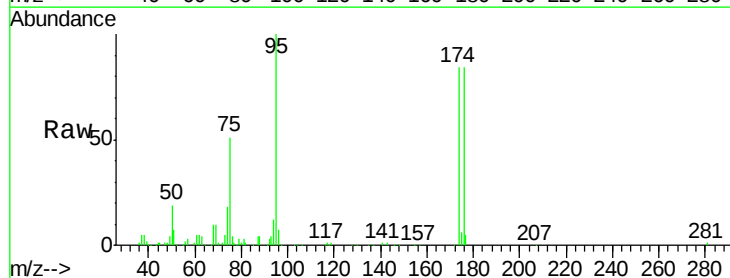
Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

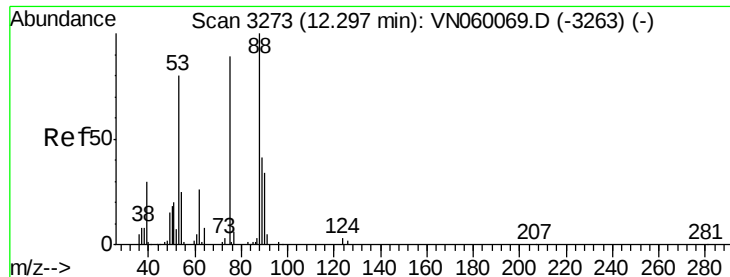
Tgt Ion:	43	Resp:	2630
Ion	Ratio	Lower	Upper
43	100		
70	50.3	33.4	50.0#
55	24.9	18.8	28.2
61	0.0	19.2	28.8#



#76
1,2,3-Trichloropropane
Concen: 26.71 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion:	75	Resp:	61683
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

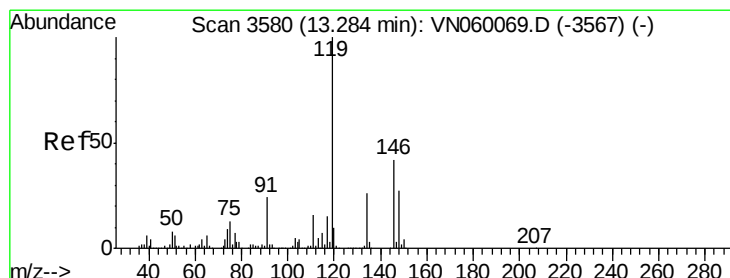
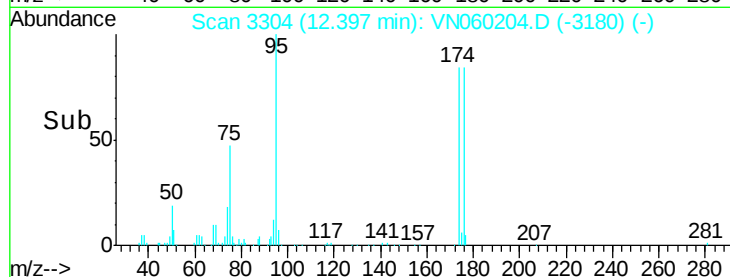
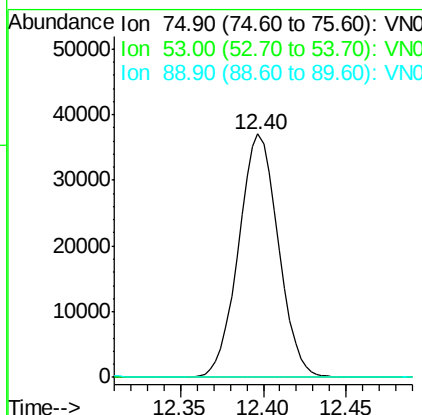
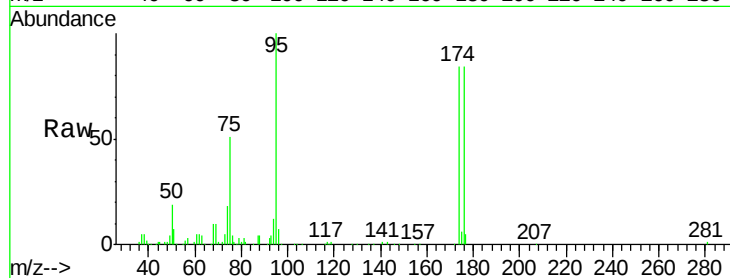




#81
trans-1,4-Dichloro-2-butene
Concen: 65.39 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

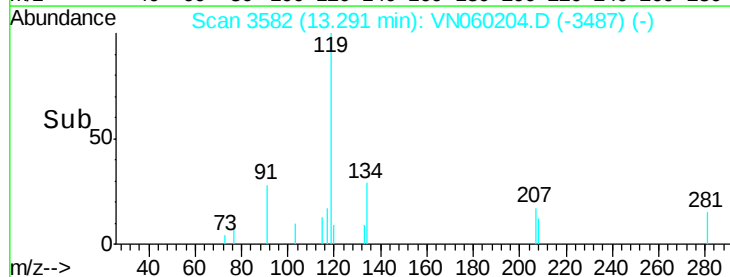
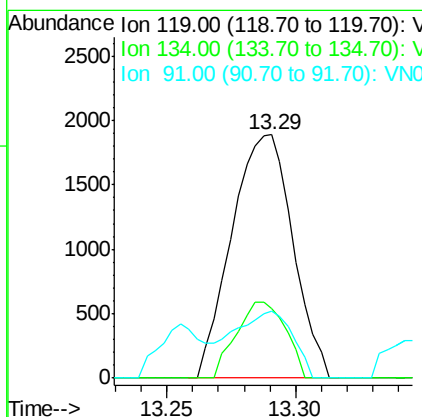
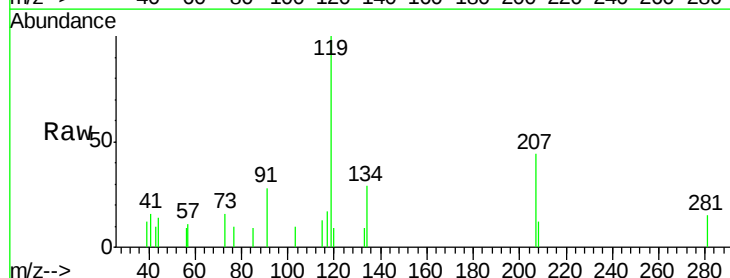
Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

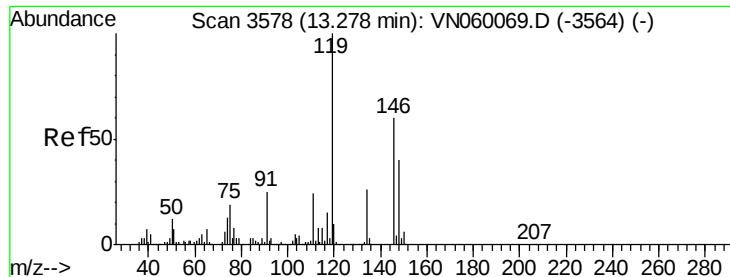
Tgt Ion: 75 Resp: 61683
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 37.0 55.4#



#86
p-Isopropyltoluene
Concen: 0.39 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.01 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion: 119 Resp: 3122
Ion Ratio Lower Upper
119 100
134 25.2 13.3 39.8
91 26.4 11.9 35.9

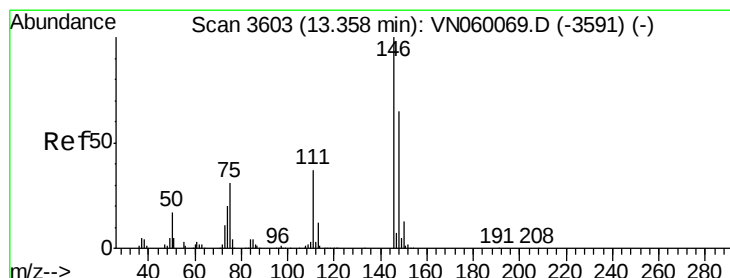
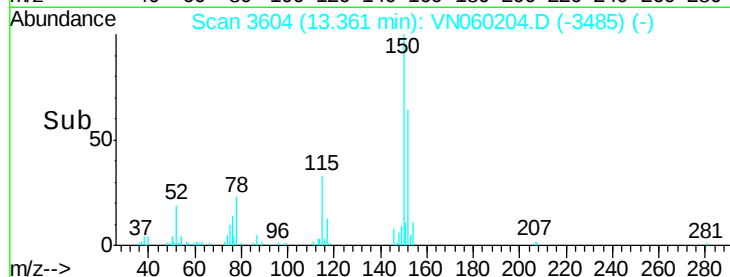
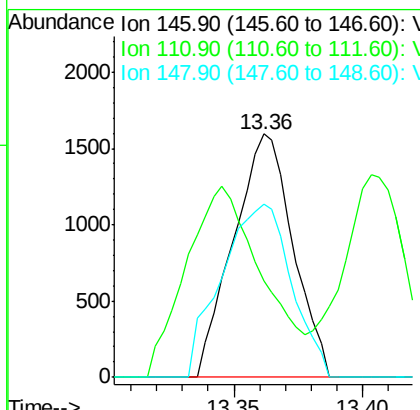
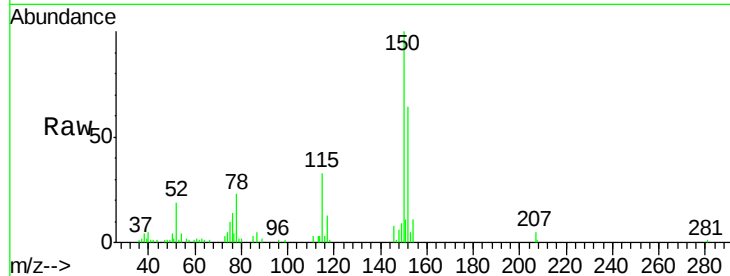




#87
 1,3-Dichlorobenzene
 Concen: 0.64 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.08 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

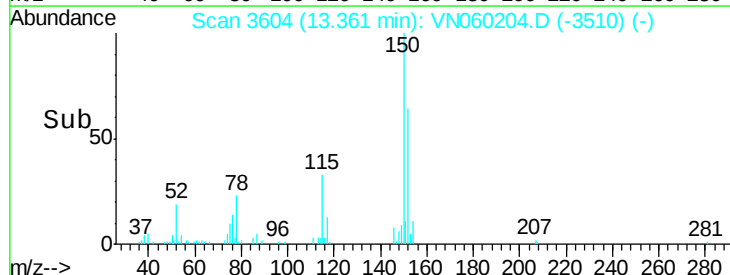
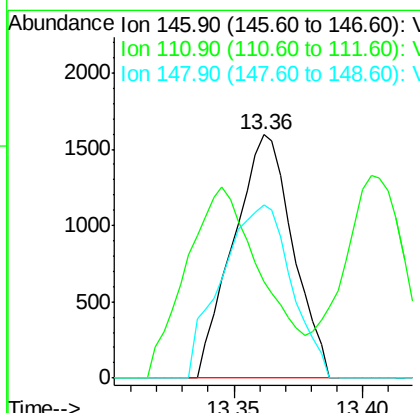
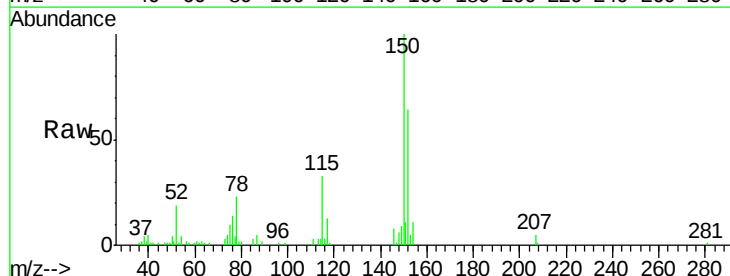
Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE

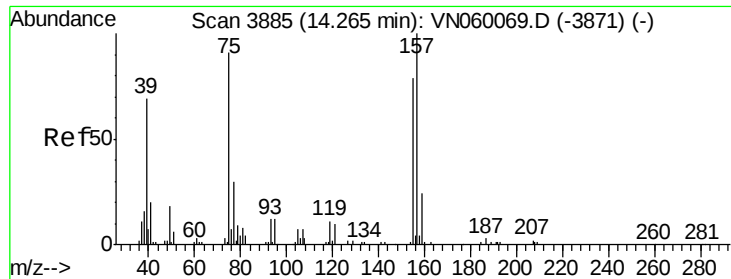
Tgt Ion:146 Resp: 2549
 Ion Ratio Lower Upper
 146 100
 111 100.8 19.8 59.3#
 148 83.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 0.64 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

Tgt Ion:146 Resp: 2549
 Ion Ratio Lower Upper
 146 100
 111 100.8 18.9 56.5#
 148 83.8 32.0 96.0

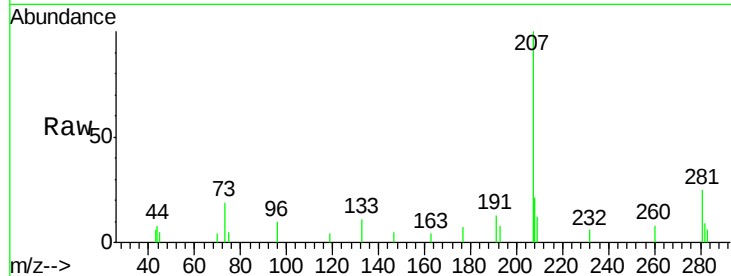




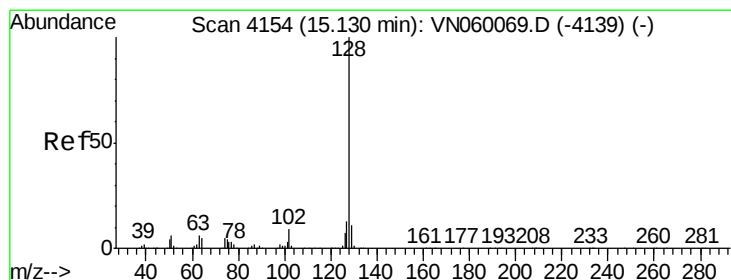
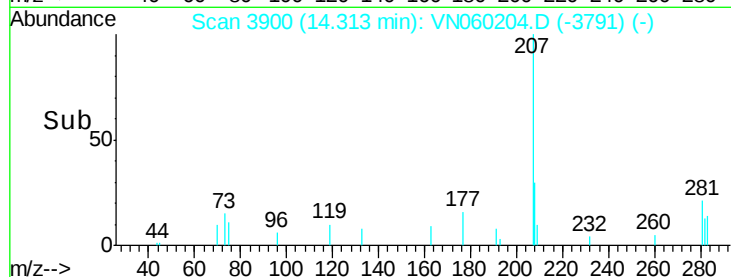
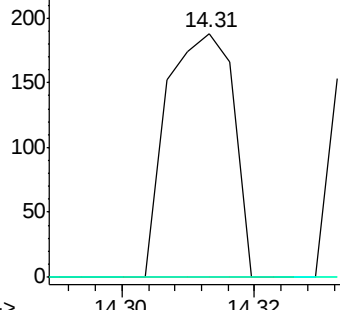
#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.31 min Scan# 3900
 Delta R.T. 0.05 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE

Tgt Ion: 75 Resp: 131
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.0 129.0#
 157 0.0 54.9 164.5#

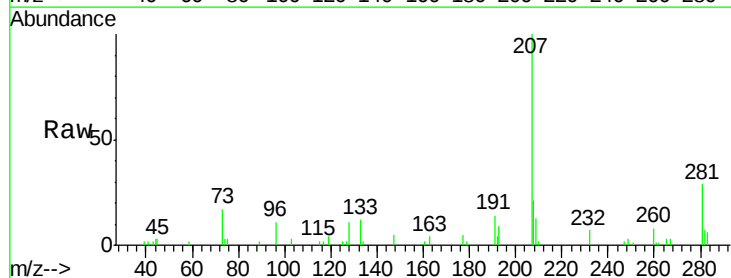


Abundance Ion 74.90 (74.60 to 75.60): VN060204.D (-3791) (-)
 Ion 154.80 (154.50 to 155.50): VN060204.D (-3791) (-)
 Ion 156.80 (156.50 to 157.50): VN060204.D (-3791) (-)



#95
 Naphthalene
 Concen: 0.35 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

Tgt Ion: 128 Resp: 2142
 Ion Ratio Lower Upper
 128 100
 127 6.3 10.3 15.5#
 129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN060204.D (-4061) (-)
 Ion 127.00 (126.70 to 127.70): VN060204.D (-4061) (-)
 Ion 129.00 (128.70 to 129.70): VN060204.D (-4061) (-)

